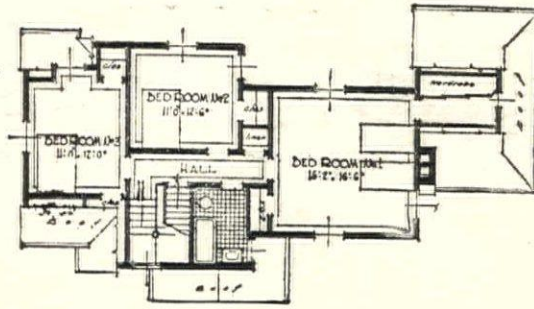
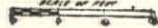
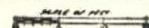


FIRST FLOOR PLAN



SECOND FLOOR PLAN



STUCCO EFFECT MOST ATTRACTIVE

This house avoids the commonplace in design; in every detail it shows unusual character. It is a house that would stand out in distinction from its neighbors.

It follows the Old English cottage type, all windows of the casement type, and it is, throughout, in the best of taste.

The Architects have so handled the roofs that a pleasing variety in form and outline is obtained—The Entrance gable has the roof eaves brought down to the tops of the first story windows, and the plain stucco walls of this gable form a fitting setting for the heavy oak doorway—The half timbered gable gives an interesting variety.

The walls of this home should be finished in

BISHOPRIC STUCCO OVER BISHOPRIC BASE

Stucco exteriors seem to be "the vogue" just now,—there is a wide room for variance in color scheme with BISHOPRIC Stucco, which has innumerable ways of being treated, all according to one's desire, viz: Stipple, spatter-dash, sponge, trowel or rough cast finish, and in Alba White, Shell Pink, Sienna Buff, Ivoril Cream, Granistone Gray, French Gray.

We have "Bishopric For All Time and Clime", a booklet for you, illustrated with photographs and floor plans of beautiful homes built of BISHOPRIC. Yours for the asking.

(Sold by Dealers Everywhere)

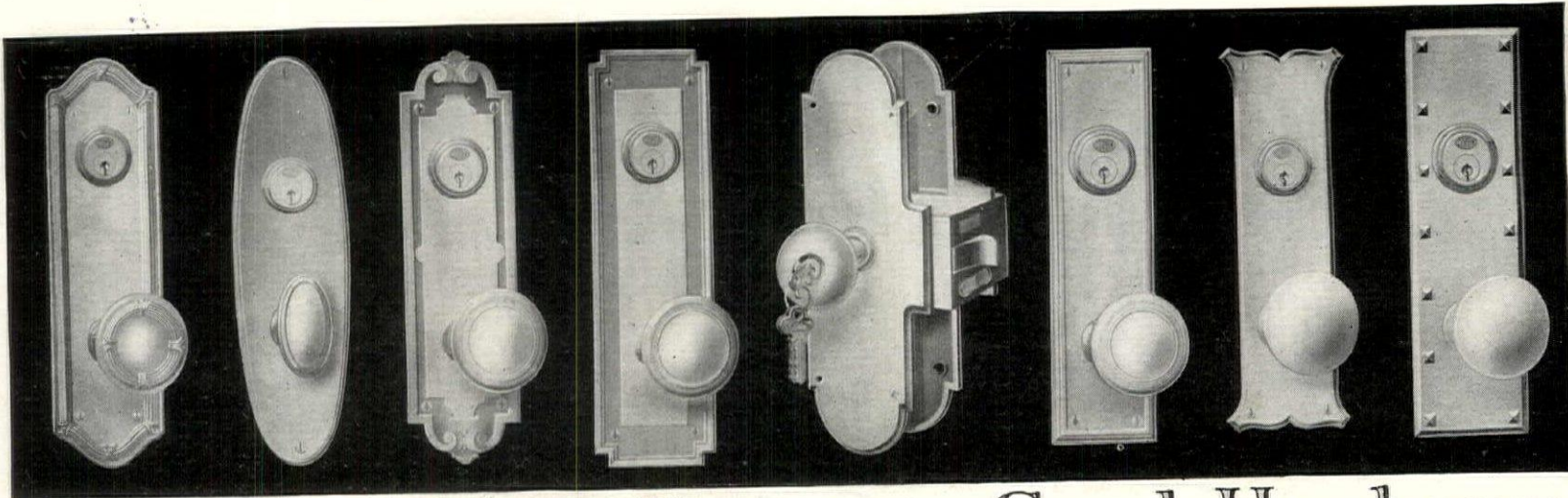
THE BISHOPRIC MFG. COMPANY,

634 Este Avenue,

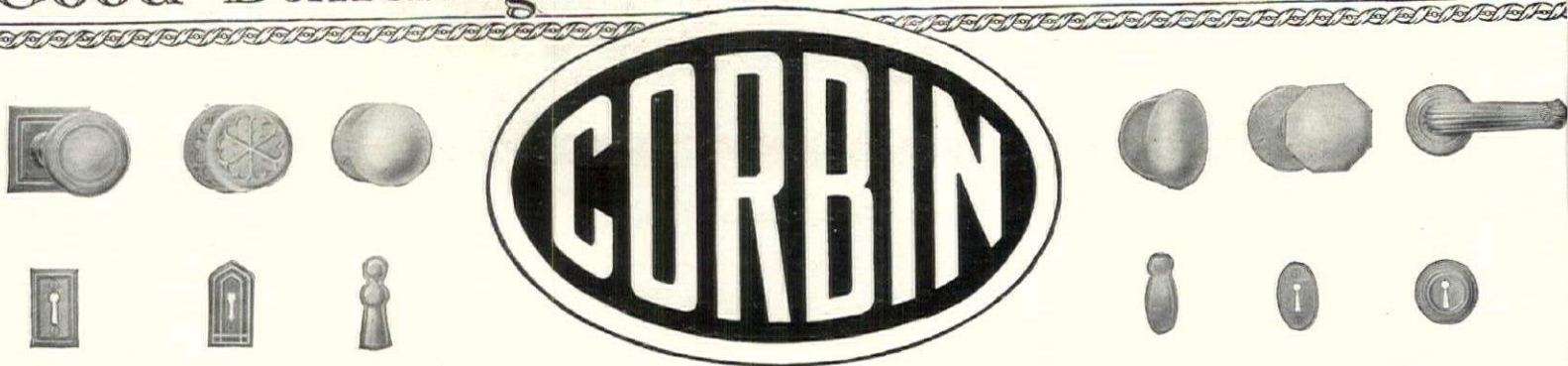
New York City Office: 2848 Grand Central Terminal

Cincinnati, Ohio.

Factories: Cincinnati Ohio. and Ottawa, Canada.



Good Buildings Deserve Good Hardware



What will look best in your home?

IT is not enough that good hardware should work willingly and last as long as the building itself. It must also look the part—that is, it must be made in designs suitable for any interior decorative treatment and for any architectural motif.

So whether your home is built in one of the Colonial styles—whether it is an Italian villa or Swiss chalet—a California bungalow, French chateau or English cottage—a rambling old farmhouse or compact town residence—you can get Corbin Locks and Builders' Hardware that conform perfectly to its character and make it a joy to live in.

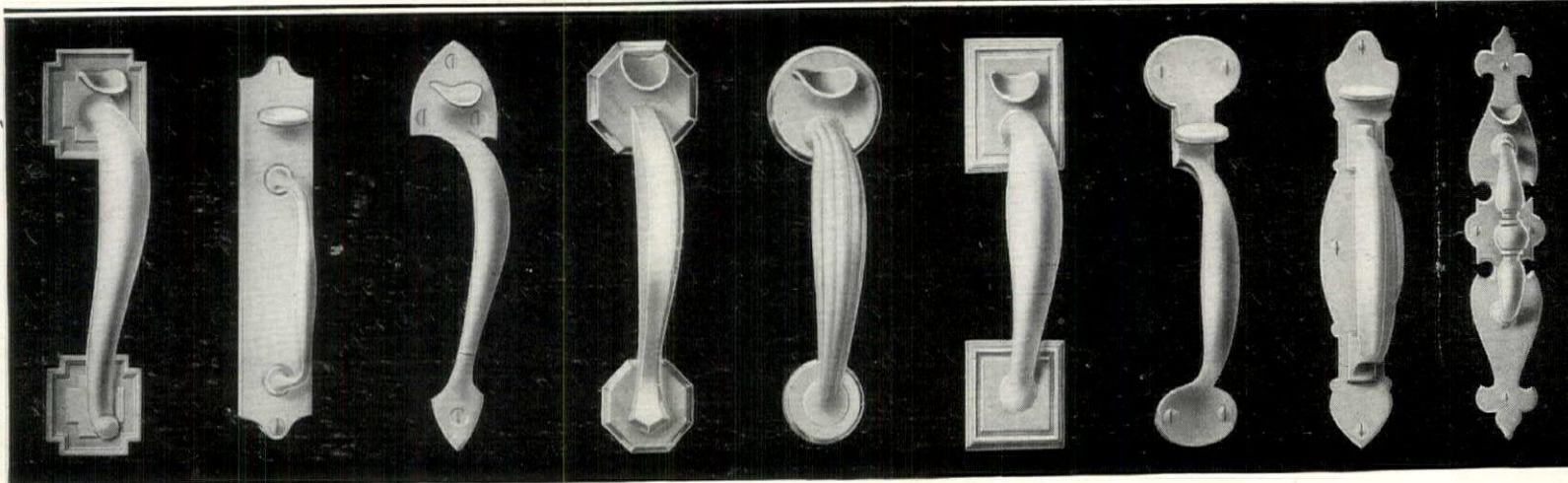
The designers of Corbin hardware have been close students of all the schools of creative art, from the classic Egyptian, Greek and Roman through every art period down to modern expressions.

The influence of much that is fine in art of all periods is reflected in Corbin hardware. A part of the credit for this is due to the Corbin designers and artisans at New Britain. A large share of the credit is also due to the architectural profession.

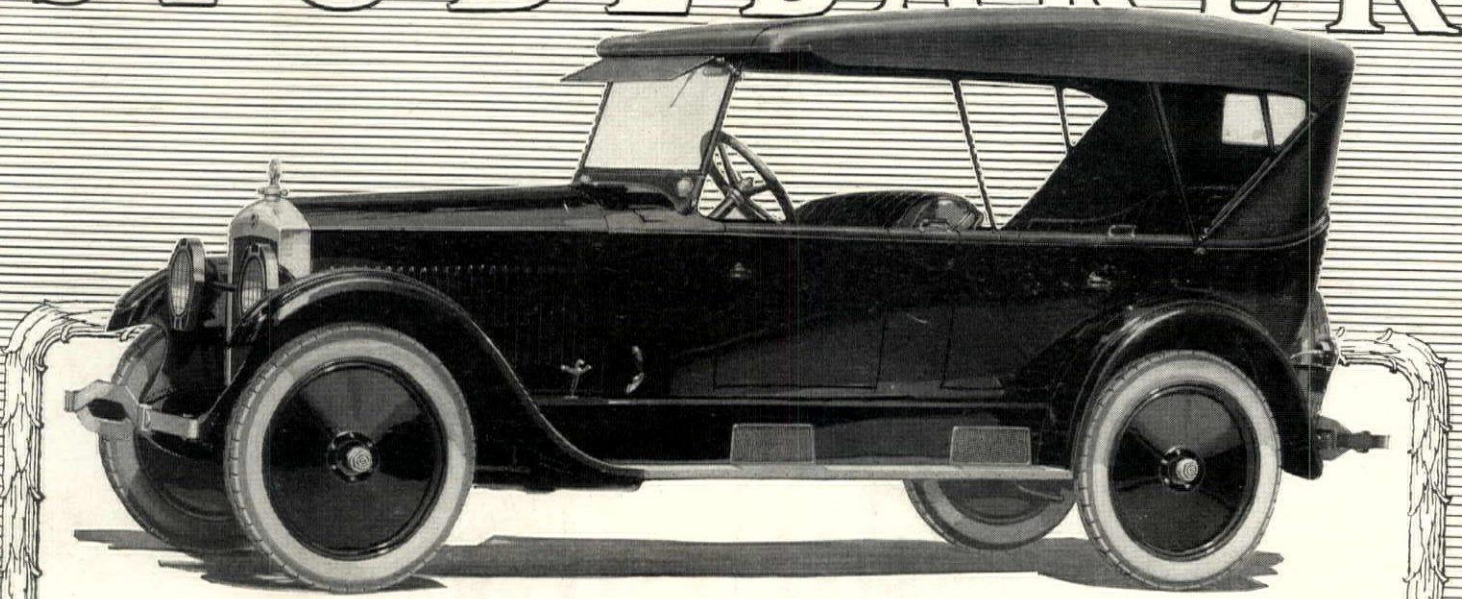
If you don't know who the local Corbin dealer is, drop a line to the nearest Corbin office.

Write for booklet—"Good Buildings Deserve Good Hardware"

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
 NEW YORK CHICAGO PHILADELPHIA



STUDEBAKER



THE BIG-SIX TOURING CAR \$1750

You would not buy a house with five rooms if you needed seven—don't make this mistake in buying a motor car.

Crowding always means discomfort. This is just as true of motor cars as it is of houses. The pleasure is taken out of driving when everybody is cramped and uncomfortable and the children have to sit on someone's lap.

Then, too, with a five-passenger car you often have to leave friends at home when you would really like to take them along.

The Studebaker Big-Six Touring Car provides genuine comfort for seven and when the two auxiliary seats are folded away, it becomes an ideal five-passenger car with room enough for all the luggage you will need or want to carry.

The Big-Six Touring Car affords this roominess without excess weight or bulki-

ness. It also provides every other essential for lasting satisfaction at a moderate initial outlay and low cost of maintenance.

Its appearance is expressive of power and stamina. Its performance—acceleration, flexibility and day-in-and-day-out dependability—is known and respected throughout the world.

No car, regardless of price, has finer or more complete equipment. This even includes an extra wheel complete with cord tire, tube and tire cover.

Both body and chassis are built by Studebaker. This insures highest quality and because of the elimination of parts-makers' profits, the greatest value for each dollar invested.

The name Studebaker stands for value, dependability, comfort and integrity.

STUDEBAKER

Detroit, Mich.

South Bend, Ind.

Walkerville, Ont.

Address All Correspondence to South Bend

1923 MODELS AND PRICES—f. o. b. factories

LIGHT-SIX 5-Pass., 112" W. B., 40 H. P.	SPECIAL-SIX 5-Pass., 119" W. B., 50 H. P.	BIG-SIX 7-Pass., 126" W. B., 60 H. P.
Touring . . . \$975	Touring . . . \$1275	Touring . . . \$1750
Roadster (3-Pass.) 975	Roadster (2-Pass.) 1250	Speedster (5-Pass.) 1835
Coupe-Roadster (2-Pass.) . . . 1225	Coupe (4-Pass.) 1875	Coupe (4-Pass.) 2400
Sedan 1550	Sedan 2050	Coupe (5-Pass.) 2550
		Sedan 2750



T H I S I S A S T U D E B A K E R Y E A R



Protect Your Home from Rust!

Rust quickly destroys the usefulness of roofs, flashings, leaders and gutters made of corrodible materials.

Rust costs American home-owners \$626,500,000 every year, to repair and replace the metal it destroys.

Brass Pipe

It costs ten dollars to rip out and replace one dollar's worth of rusted plumbing pipe.

Brass pipe simply cannot rust. Use Brass and be rid of those costly incessant plumbing repairs.

Copper simply cannot rust. That is why a Copper roof, Copper flashing, and Copper leaders and gutters will last as long as your house stands.

And Copper also adds permanent beauty and dignity to the house.

Whether you are repairing or building new, you will save money by using Copper.

*Copper and Brass are cheaper because
you pay for them only ONCE*

COPPER & BRASS RESEARCH ASSOCIATION

25 Broadway - New York

Copper & Brass Research Association
25 Broadway, New York

Please send me without charge:

..... A copy of "Brass Pipe Plumbing," which treats
(Check) of the advantages of Brass and the relative costs of Brass
and Iron.

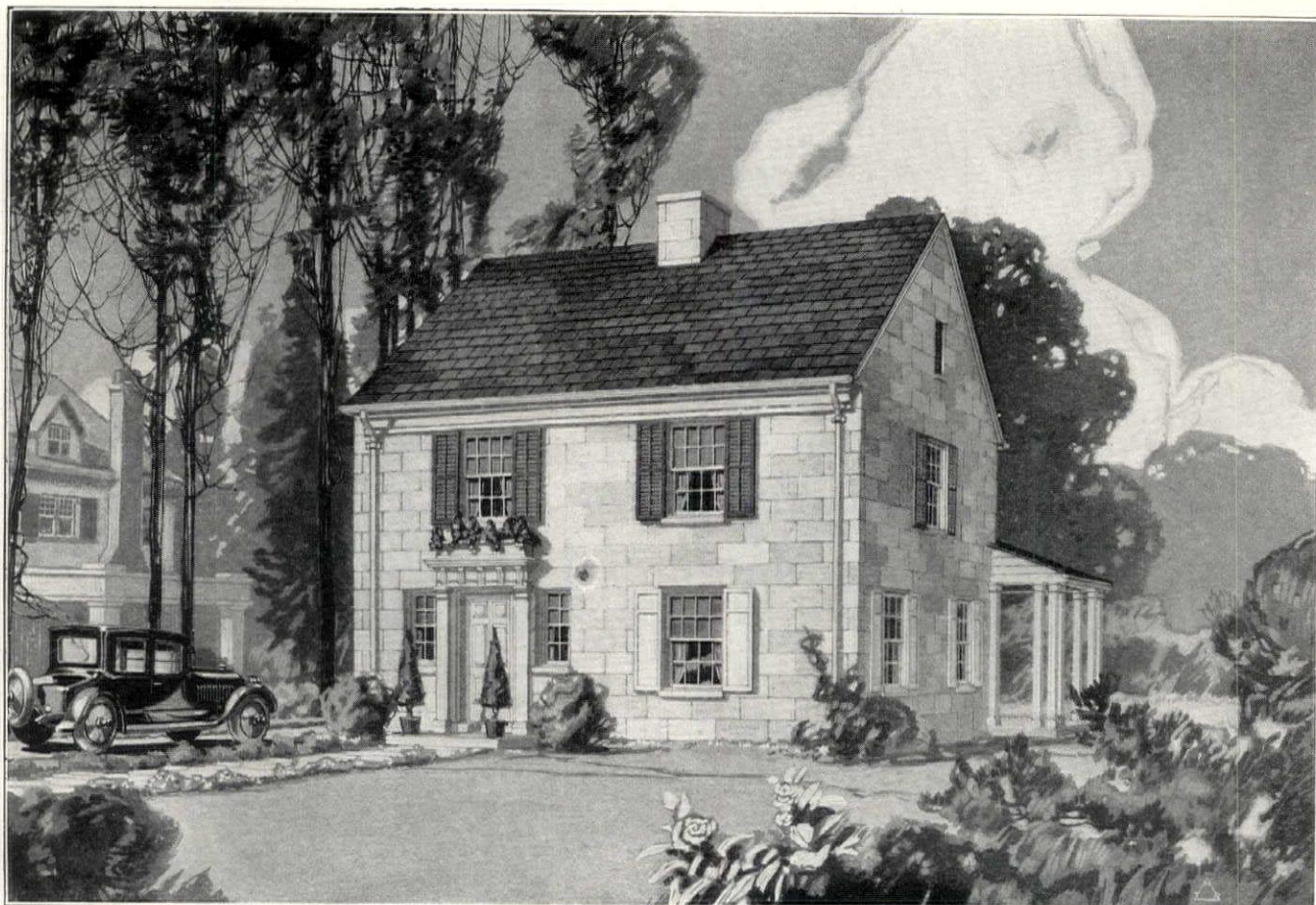
..... A Copy of "Copper, the Ideal Roof."
(Check)

Name

Street No.

City and State

G



Actualized Ideals in Home Building

The greatest degree of permanence and the least expenditure for upkeep are attained with Indiana Limestone construction. This natural stone weathers beautifully and its rich texture conveys the impression of dignified and substantial opulence, altho its cost only slightly exceeds that of manufactured materials.

The practicability of Indiana Limestone is evidenced by its increasing use for the better type of homes throughout this country and Canada, for builders everywhere have come to realize that an Indiana Limestone facing will add immensely to the beauty and marketable value of a home.

Build with Indiana Limestone and be assured of a home that will embody beauty, dignity and permanence.

A folder descriptive of the house illustrated above, showing floor plans, or any information on Indiana Limestone sent free upon request. Address Indiana Limestone Quarrymen's Association, Box D-782, Bedford, Indiana

INDIANA
LIMESTONE
The NATION'S BUILDING STONE



Architects
Parker, Thomas & Rice
Boston, Mass.

Woodwork by
Richardson Piano Case Co.
Leominster, Mass.

CHAMBER OF COMMERCE BUILDING—BOSTON, MASS.

Exploding the Mystery of Costliness

AS Columbus exploded the fallacy which held nations from the seven seas, so the Mahogany Association, Inc. is exploding the "mystery of costliness" which has kept so many home builders from the full use of Mahogany for interior woodwork.

In last month's issue we submitted figures showing in each case the small increase in first cost of Mahogany Interior Woodwork as compared with other less durable, less beautiful cabinet woods in the 20-story Temple Building, Chicago, and in three rooms of the Bungalow Beautiful, Atlantic City.

We are now privileged to submit the Mahogany and alternate bids for the interior trim of the Chamber of Commerce Building, Boston.

While these structures vary widely, note that in each case Genuine Mahogany costs but little more than the other less beautiful and less durable cabinet woods. This should be a guide to every home builder. Do not let the "mystery of costliness" thwart your longing for the enduring beauty of Genuine Mahogany.

Chamber of Commerce, Boston—Interior Woodwork

Contract price, Genuine Mahogany	\$116,000.
Alternate bid, in Quartered White Oak	\$112,000.
" " in Birch	\$107,000.
Cost of Genuine Mahogany over Birch, only	\$9,000.

Temple Building, Chicago—Interior Woodwork

Contract price, Genuine Mahogany	\$185,000.
Alternate bid, in Birch	\$177,560.
Cost of Genuine Mahogany over Birch, only	\$7,440.

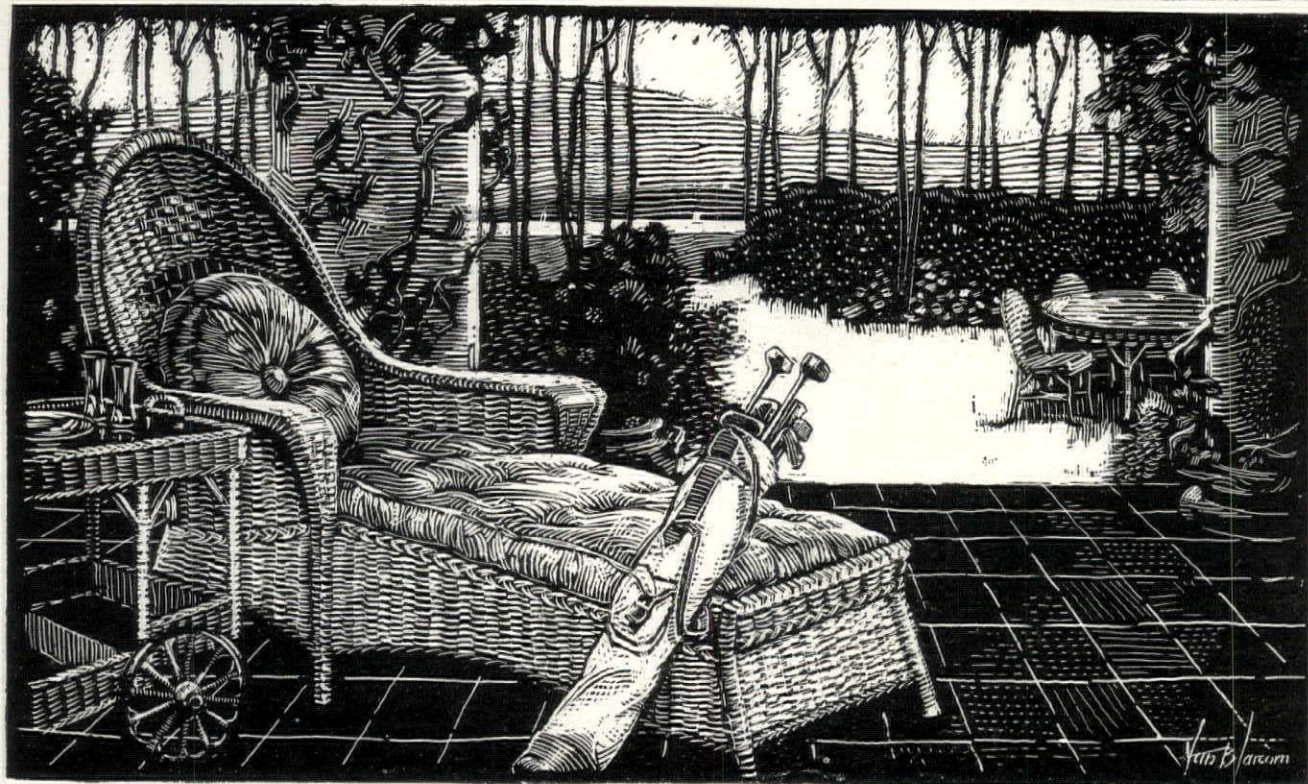
"Bungalow Beautiful," Atlantic City—Interior Woodwork

Contract price, Genuine Mahogany	\$880.
Alternate bid, in Quartered White Oak	\$822.
" " Plain White Oak	\$810.
" " Birch, stained	\$810.
" " Poplar, "	\$800.
Cost of Genuine Mahogany over the cheapest available cabinet wood, only	\$80.

The Mahogany Association has nothing to sell. It offers you a confidential, centralized and free service on all questions regarding Mahogany—whether relating to woodwork or furniture. Full assurance is given that your inquiry will never be used as the basis of sales solicitation. Our folders, "Home Beautiful," and on Period Furniture will be sent gratis on request.

after all—there's nothing like

MAHOGANY



For Your Club and Your Home

THE character of Club Furniture is tending more and more to approach the comfort and friendly qualities of Home Furniture.

The one-time stiffness and formality is giving place to a delightfully inviting atmosphere of comfort and relaxation.

Furniture of cane, willow and rattan with upholstery, cushions and hangings of gaily colored cretonne, all express the comfortable life of veranda and terrace.

At this season, when the urge to impart freshness and crispness to club and home is dominant, the establishment of W. & J. Sloane stands ready to give careful attention to all details of indoor and outdoor furnishings and decorations.

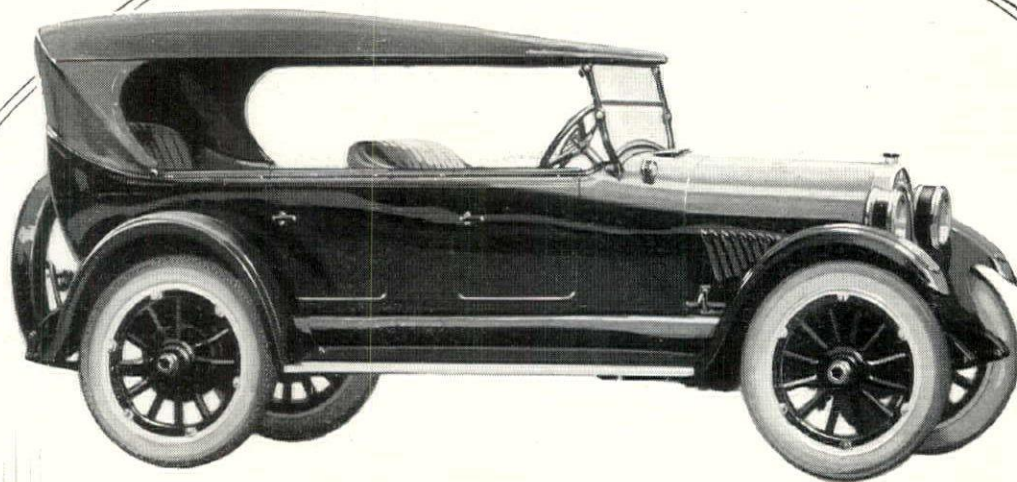
*A collection of designs and prices
will be mailed upon request*

W. & J. SLOANE

FIFTH AVENUE AND 47TH STREET, NEW YORK CITY

WASHINGTON

SAN FRANCISCO



OLDSMOBILE

Answers the Call of Spring

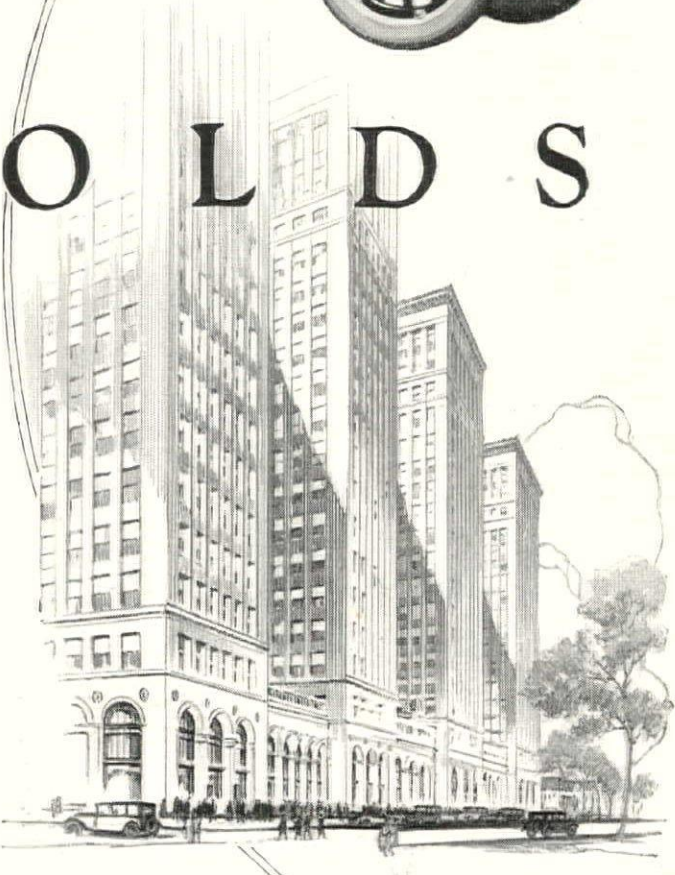
The thrill of Springtime and the alluring call of the out-of-doors find matchless response in this Oldsmobile 5-passenger touring car. And what discriminating woman could fail to delight in the possession of such a suitable companion?

Richly beautiful and tastefully distinctive this car embodies every refinement and appointment desired by the most fastidious. In mechanical excellence its quality is equally conspicuous.

The superb 8-cylinder engine with its perfect responsiveness to the slightest touch of the controls and its vibrationless flow of power, contributes a major share to the high character of Oldsmobile performance.

And, too, a woman finds a satisfying sense of security in the perfect ease of handling which is another predominant feature of this car. It is easy to turn, easy to park, and threads with amazing facility in and out of traffic.

In addition to its mechanical excellence the Oldsmobile touring car possesses that distinguished and smart appearance which enables owners to drive it with a sense of deepest pride, whatever may be the occasion.



THIS magnificent General Motors Building—the largest office building in the world and the object of nationwide admiration, is a notable expression of the ideal which animates General Motors Corporation.

In whatever it undertakes, General Motors Corporation strives to build the finest and the best.

To the ability and facilities of Oldsmobile engineers General Motors adds the wealth of experience and the technical skill which it derives from the combined strength of its seventy individual companies.

A PRODUCT OF GENERAL MOTORS

Oldsmobile

OLDS MOTOR WORKS, LANSING, MICHIGAN
Division of General Motors Corporation

EIGHTS AND FOURS



*"Buy one Royal Cord—
try it on the right hind
wheel"*

How it feels to be the leader of the tire business

THERE was a time when the bigger a business grew the more "uppish" it got.

These days are over—praise be!

The makers of Royal Cords are the leaders of the industry, but they don't feel it any loss of dignity to reach out for new friends.

And they take the very simple way of just asking you to try one Royal Cord. All the U. S. Royal Cord policies are simple.

For instance, Royal Cords have never talked about exceptional mileages. There are hundreds of testimonial letters in the files but they might sound extravagant and misleading to people and that is not a good thing.

Yet the makers of Royal Cords believe

that Royals deliver the greatest average mileage of any tire that was ever made. This seems to be proven by the confidence car owners have in these tires.

Royal Cords have never been sold at "big discounts" or featured in "sales". People can't tell what a tire is actually worth if it sells for all kinds of prices in different sections of the country.

The support Royal Cords are getting today from so many new users is the outcome of people *feeling* confidence and *trusting* the Royal Cord makers.

When you put Royal Cords on your car you are going to be *satisfied*. You will see what a good, clean money's worth they are.



**"United States Tires
are Good Tires"**



A typical residence installation of Stedman Flooring

*A floor as impressive as marble itself
yet resilient and silent as rubber*

A New Floor for Fine Homes

TYPICAL STEDMAN FLOOR INSTALLATIONS

BANKS

Bankers Trust Co., N. Y.
First National Bank, Detroit, Mich.
National Shawmut Bank, Boston, Mass.
N. Y. Stock Exchange, N. Y.

BUSINESS OFFICES

Joseph Burnett Company, Boston, Mass.
McKim, Mead & White, New York City
Crane Co., Chicago, Ill.

CHURCHES

Central Presbyterian Church, New York City
St. Gregory's Church, Philadelphia, Pa.
St. Paul's Church, Cambridge, Mass.

CLUBS

Knollwood Country Club, Elmsford, N. Y.
Union League Club, N. Y. City

HOSPITALS

Boston Lying-In Hospital, Boston, Mass.
Cleveland City Hospital, Cleveland, O.
Fifth Avenue Hospital, New York City
Mt. Sinai Hospital, New York City
Royal Victoria Hospital, Montreal, Canada

HOTELS

Astor Hotel, New York City
Biltmore Hotel, New York City
Sinton Hotel, Cincinnati, O.

OFFICE BUILDINGS

American Tel. & Tel. Building, New York City
General Motors Building, Detroit, Mich.
Metropolitan Life Building, N. Y. City

RESIDENCES

Many of the most exclusive in the country

SCHOOLS AND COLLEGES

Government School, Quincy, Mass.
Yale University, New Haven, Conn.

STORES

B. Altman & Co., N. Y. City
Wm. Filene's, Boston, Mass.
Weber & Heilbroner, N. Y. City.

WHILE most of the brilliant minds in the rubber industry were concerned with building tires for your automobile, J. H. Stedman was thinking floors—resilient floors of reinforced rubber—floors that look like tile or marble, that feel like velvet, and that wear like iron. And today his years of thought and study have culminated in brilliant achievement.

Stedman's Naturized Flooring is ready today to go into your home, in halls and dining rooms, in libraries and solaria, in bath rooms and kitchens—sponsored by the patronage and endorsement of individuals and of companies whose names are notable. This flooring, rubber, is reinforced and held together with an infinite cobweb of minute gossamer cotton fibres, vulcanized under terrific hydraulic pressure. Made in marble, granite, and tapestry effects—in tiles, square and rectangular, in long runners—browns, reds, grays, blacks, whites—in all the formal splendor of a classic floor, or in an intimate blend of cozy warm mixtures in Nature's own colorings.

Noiseless, resilient—it will not dent, crack, or wear out. Soft and firm to the foot, it prevents slipping. Sanitary, with an impervious surface. Won't stain, easily cleaned—it requires no particular care. Simple to install and the first cost—from 75c to \$2.00 a square foot—is your *only* cost.

Write to us for further information

STEDMAN PRODUCTS COMPANY

Manufacturers of Reinforced Rubber Flooring, Sanitary Base, Wainscoting, Walls, Rugs, Table Tops, Shower Bath Mats, and other reinforced rubber surfacings

SOUTH BRAINTREE, MASSACHUSETTS
DIRECT BRANCHES NEW YORK, CHICAGO, DETROIT

Agencies in all principal cities



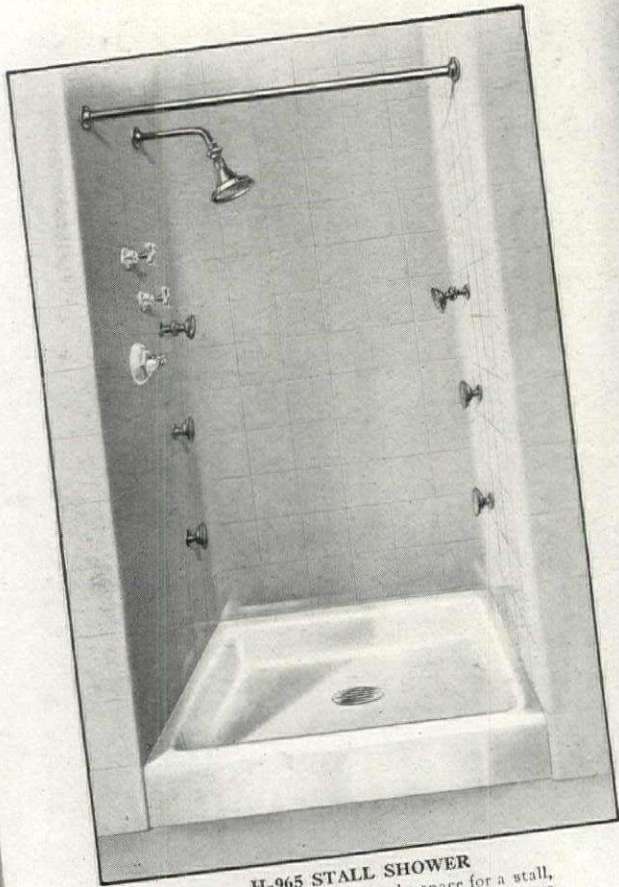
CRITTALL
Steel Casements



The building of Crittall casements, windows and French doors has back of it the authority and knowledge of generations in leadership of this craft. — Built by hand, in various designs, their beauty, grace and endur-

ing utility is enhanced by workmanship that has come down as a tradition with this name. Above is illustrated a Crittall installation in the Arthur L. Cahn residence, Hartsdale, N. Y. — Alfred Hopkins, architect.

A booklet which we will send to aid you in selecting the right type of shower



H-965 STALL SHOWER

For fine bathrooms, where the space for a stall, usually 38 inches square, is available, we recommend this H-965 Mixometer Shower and Needle Bath. The Mixometer controls the temperature of the overhead shower and side sprays; the volume or force from both of these is regulated by those two valves above the Mixometer. As you can see, all these operating handles are close enough to the entrance of the stall to enable you to adjust the water to the desired force and temperature before entering.

Note that in this H-965 Shower and in the H-952 1/2 Shower, shown on the following page, the shower head is set on an angle—not necessary for the bather to wet his or her head.

Additional details of stall construction on page 4

*A gentle, warm shower before bedtime will often insure
sound, restful sleep.*

[2]

Once-Used Water

All of us must admit that the swiftly moving brook as it glides over sandy bottoms, gurgling and bubbling as it mounts and washes stones and dashes on, carries with it a real thought of cleanliness.

This is the same cleanliness that we find in water swishing from the shower head or flowing from the open faucet. It is nature's way of washing—the water once and allowing it to pass. The shower and the lavatory nozzle then are the means by which this cleanliness of the running brook is carried right into your home, plus the convenience of instant control both as to temperature and force.

It was only recently, however, that this *complete* control became a feature of the shower—since the patenting of the Anyforce head. Before this, it was easy enough to control the

You can take a good, invigorating shower in two minutes

[3]

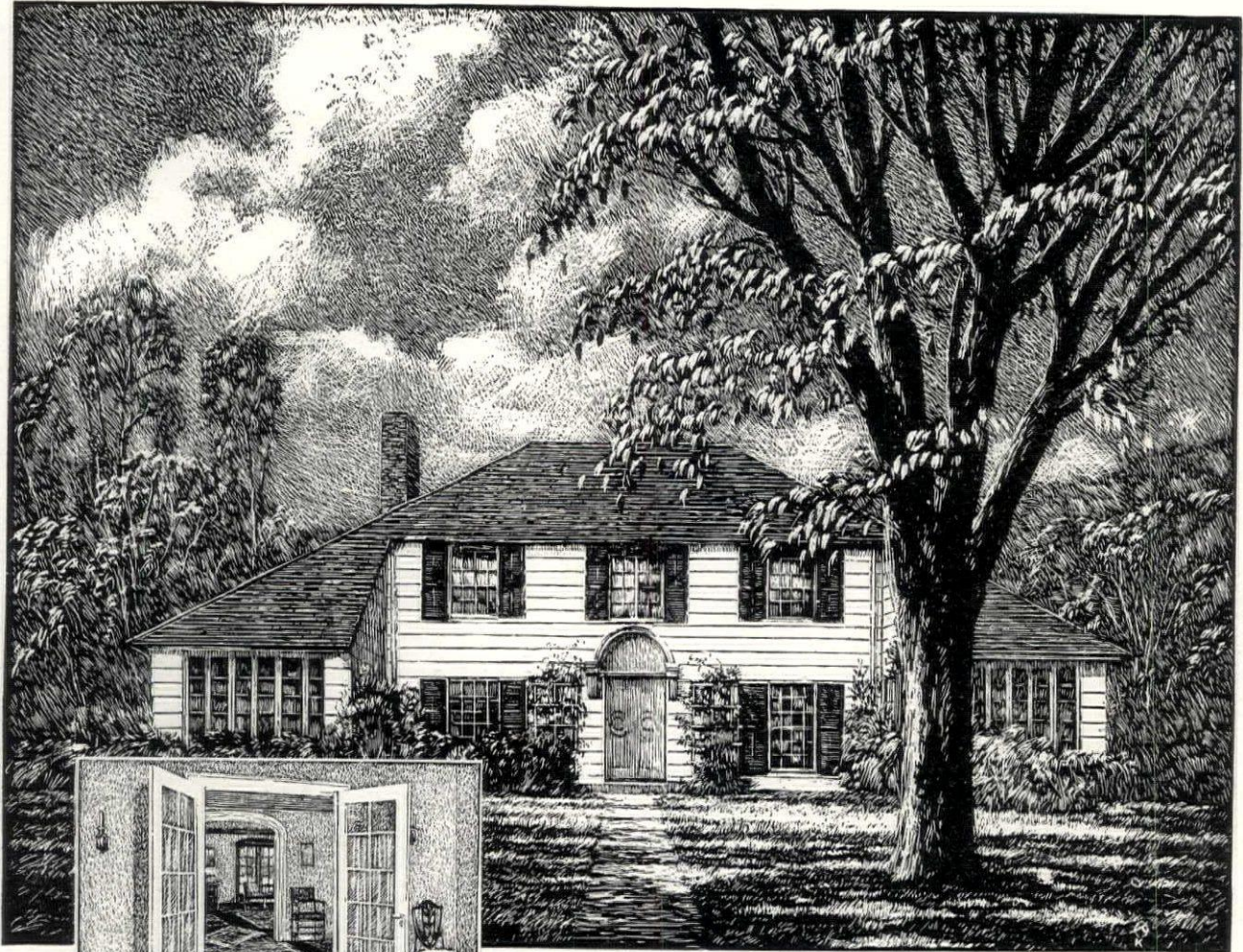
"Once-Used Water" is sixteen pages of information about showers, together with suggestions as to their use.

Lavatory fixtures and other bathroom equipment also are briefly discussed.

There is no cost or obligation in sending for this booklet. Anyone really interested in showers should have a copy. When you send for it you might also give us the name of your plumber.

SPEAKMAN COMPANY, WILMINGTON, DELAWARE

SPEAKMAN SHOWERS



Solid Comfort Here—

and — inside and out — a source of genuine pride to him who enjoys the freedom of his own home. Far enough from “down town” to give fresh air, sunshine and friendly trees full sweep; modest enough to fit an easily financed building and loan account. Will you take the hint?—Good, we’ll help you!

Arkansas Soft Pine

has brought home and happiness to many—why not you? It is the complete and wholly satisfactory answer to that eternal question—an attractive home at moderate cost; it is a wood upon which you can rely for a rugged staunch structure; it is *the* wood which is pleasing innumerable home builders who have been exacting in their selection of interior woodwork.

Arkansas Soft Pine possesses certain inherent and individual physical qualities that assure tight joints and rigid bracing in framework, as well as wind-proof walls; that assure exterior surfaces which hold paint tenaciously and without chemical reaction; that assure a satin-like interior woodwork of lasting beauty and luster, whatever the finished color scheme.

We’d like to send you the whole story told in your language, together with a dozen attractive house designs of moderate cost—all in a book that is yours for the asking; and if you prefer white enamelled woodwork, please advise.

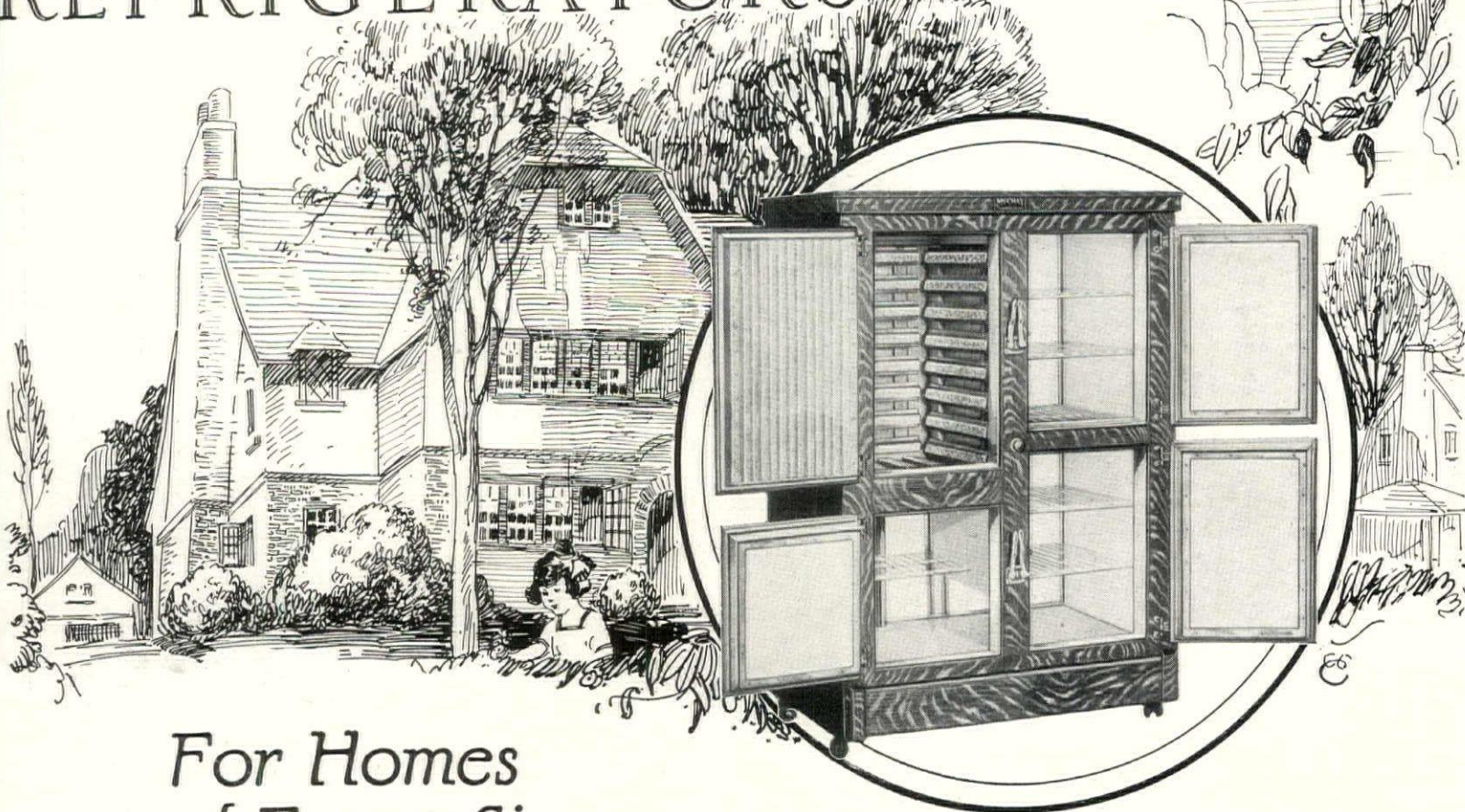
Arkansas Soft Pine is Trade Marked and sold by dealers and planing mills east of the Rockies

ARKANSAS SOFT PINE BUREAU

520 Boyle Building • Little Rock, Arkansas



MCCRAY REFRIGERATORS



For Homes
of Every Size—

In homes throughout the country, including many of the largest and finest, you will find McCray Refrigerators. Besides, the McCray is recognized as standard equipment in the foremost hotels, clubs, hospitals and institutions.

For residences of every type—imposing town or country houses, or for the modest bungalow—there is a McCray Refrigerator of suitable size and style.

Install a McCray; be assured of wholesome, palatable meals. The tempting appeal of a cool, crisp salad, for instance, and the purity and healthfulness of all perishable foods which appear on your table, depend upon the efficient service which this fine refrigerator gives.

And the McCray, in its very efficiency, is economical as well. Staunchly built of the best obtainable materials, its walls perfectly insulated, the McCray provides thorough refrigeration at the lowest operating cost. For a third of a century McCray Refrigerators have been serving dependably.

The McCray is readily adaptable for use with mechanical refrigeration, in which case its efficiency and economy in operation are of equal importance. The patented McCray construction insures a constant circulation of cold, dry air through every compartment keeping every corner sweet and perfectly dry.

Besides stock sizes and styles for every home, we build to order equipment to meet special needs. The outside icing feature, originated and developed by McCray, is available on all residence models.

Send the coupon now for further information.

MCCRAY REFRIGERATOR CO.

2313 Lake Street

Kendallville, Ind.

Salesrooms in all principal cities. See telephone directory.

MCCRAY REFRIGERATOR CO.
2313 Lake St., Kendallville, Ind.

Gentlemen: Please send me further information about your residence refrigerators, without obligation.

Name

Address

Am also interested in refrigerators
() for Grocers; () for Markets; ()
for Hotels and Institutions; () for
Clubs; () for Florists.

MCCRAY REFRIGERATORS FOR ALL PURPOSES

CURTIS WOODWORK



"Curtis" the name, and "1866" the year this firm started to make the best woodwork possible, are marked on each piece of genuine Curtis Woodwork. A guarantee of Curtis *intent*. You protect yourself by asking for Curtis trademarked woodwork. See the Curtis Catalog at your dealers, or write the Curtis Companies' Service Bureau
Clinton, Iowa

1866

Be Sure to Get Good Woodwork

YOU are going to live with your woodwork a long time. Therefore, choose as you would a fine piano.

The doors, windows, moulding and built-in features of a home are what give it a "homely" appearance. If poorly chosen, the finest furnishings cannot conceal the bleak look about the house, any more than a pretty dress can offset a girl's freckles.

An old house can be wonderfully brightened up by changing some of the doors, windows—and perhaps by adding a fireplace, or some other built-in feature.

Curtis woodwork covers every architectural type

Curtis Woodwork is different from what you ordinarily see, in that it is developed from classic models. Our consulting architects went to purest types of Colonial, English, and other architecture for their inspirations. You are always sure of harmony and correctness.

But more than style and design the use to which each piece will be put is always considered. The door and sash illustrated on this page are exposed to all kinds of weather. So weather-resisting California Soft Pine is chosen. There are many kinds of woods, each suited to a special purpose, each coming in different "grades." Even a single tree may cut up into different grades, which if carelessly chosen or passed at the factory would affect appearance and wear of your woodwork. Curtis selection of lumber for different purposes, and Curtis inspection is kept to the highest standards.

The right wood for the right purpose

It is this good judgment and honesty in picking out the right wood for the right purpose that makes Curtis Woodwork last a lifetime and always look well, along with selection of right materials and correct designs. Curtis Woodwork brings you the good results of most careful workmanship. Every piece of Curtis Woodwork includes refinements—an improvement here, added strength there—which do not always show at first glance but which make people satisfied that, dollar for dollar, Curtis Woodwork gives more value than others.

You have never given door panels a thought. You think of door panels as wood in a door. But examine the panels of the door illustrated in this advertisement—they will give you a good example of unseen Curtis virtues. They are considerably thicker and stronger than ordinary doors—yet this thickness does not show. The whole entrance is constructed of soft, close-grained, weather-resisting wood. Glazing is done with clear, double-strength glass.

The care with which this entrance is produced is but an example of the worthwhile features to be found in every item in the entire line. If it were made for you alone, it would be very expensive. But quantity production brings the price within the reach of everybody.

Each piece is trademarked

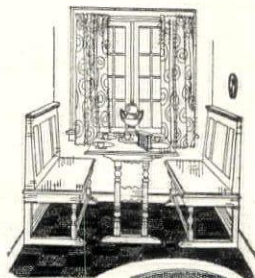
In specifying Curtis Woodwork, you are always sure of harmonious design and thorough workmanship. But it is necessary to look for the trademark—which is on every piece—if you want to be certain of getting woodwork made in Curtis intent.

One of the great advantages of Curtis Woodwork lies in the fact that you can study an exact picture of it before you buy. You can see how it will look in proportion to your rooms and furniture. This is much more satisfactory than striv-

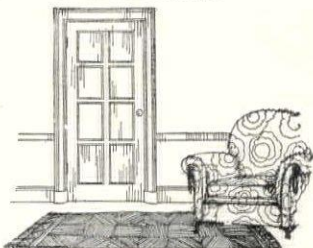
ing to visualize woodwork from a blue print before it is made up. Curtis dealers can show you pictures of a complete Curtis wood-worked house or the details of an individual door. Ask them to show you the Curtis catalog.



Combination Kitchen Dresser and Work Table C-760. Within easy reach is everything needed to prepare a meal. For further information write for free booklet on "Permanent Furniture."



Dining Alcove C-740. Few people without one can realize how handy and cozy this little breakfast nook is. Write for our free booklet on "Permanent Furniture."



Interior Door C-305. This inside door carries the delightful homeliness of the English house. It is a true reproduction of Elizabethan times. Ask for our free booklet on "Interior Doors and Trim."

Look for this trademark. It identifies every genuine piece of Curtis woodwork. You will find many that imitate Curtis designs, and some that claim to be "just as good." But without this trademark you do not receive Curtis quality! An intrinsic value that unites appearance, utility and Curtis intent.

**1866
CURTIS**

The makers of Curtis Woodwork guarantee complete satisfaction. "We're not satisfied unless you are."

Our 57 years' experience teaches us that prospective home builders need to see in advance a variety of house illustrations and floor plans—therefore we offer the authentic Plan Books listed below.

Send this coupon for valuable information

The Curtis Companies' Service Bureau,
Dept. 3523, Clinton, Iowa

Send me the Plan Books checked below. If they do not meet my requirements I will exchange or return them in good condition in ten days for my money.

- Vol. XI 39 homes—bungalows \$1.00
- Vol. XII 39 homes—1½ and 2 story 1.00
- Vol. XV 39—5-room houses 1.00
- Vol. XVI 39—6-room houses 1.00
- Vol. XVII 39—7-room houses 1.00
- Vol. XVIII 23—8-room houses 1.00

Exteriors, woodwork illustrations and floor plans in each. Volumes XV to XVIII, inclusive, are the work of Trowbridge and Ackerman, architects, New York.

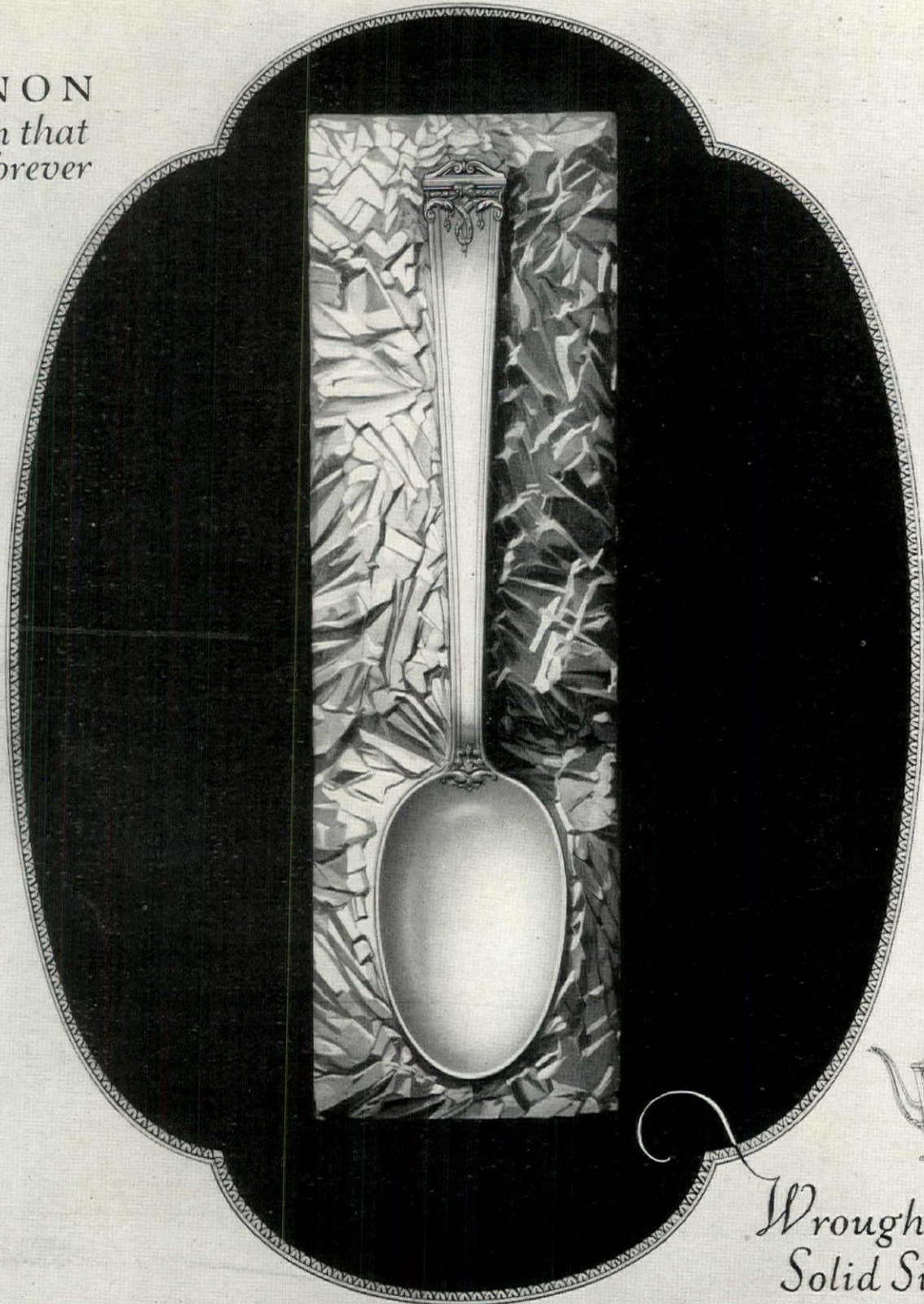
Note — The Curtis Dealer in your town can obtain any of these plan books for you free of charge. If you prefer, present this coupon to him.

Name

Street

City

TRIANON
*A Design that
 will live forever*



*Wrought from
 Solid Silver*



To People with a Bride to Think About

YOU will give sterling. Of course. But what kind, what pieces? Permit a suggestion. Give something she can *build* on.

The Trianon Design, in International Sterling, is such a gift. She can add to the pieces you start her with, until she has a complete table service. She will want to,—because Trianon's classic art will

always be supremely correct, despite the whims of fashion. And she can afford to,—because solid silver is an investment that will endure generations of use.

Have your jeweler show you the Trianon Design. Or, write for the book which illustrates the complete correct Trianon service. Address Department 154, International Silver Co., Meriden, Conn.

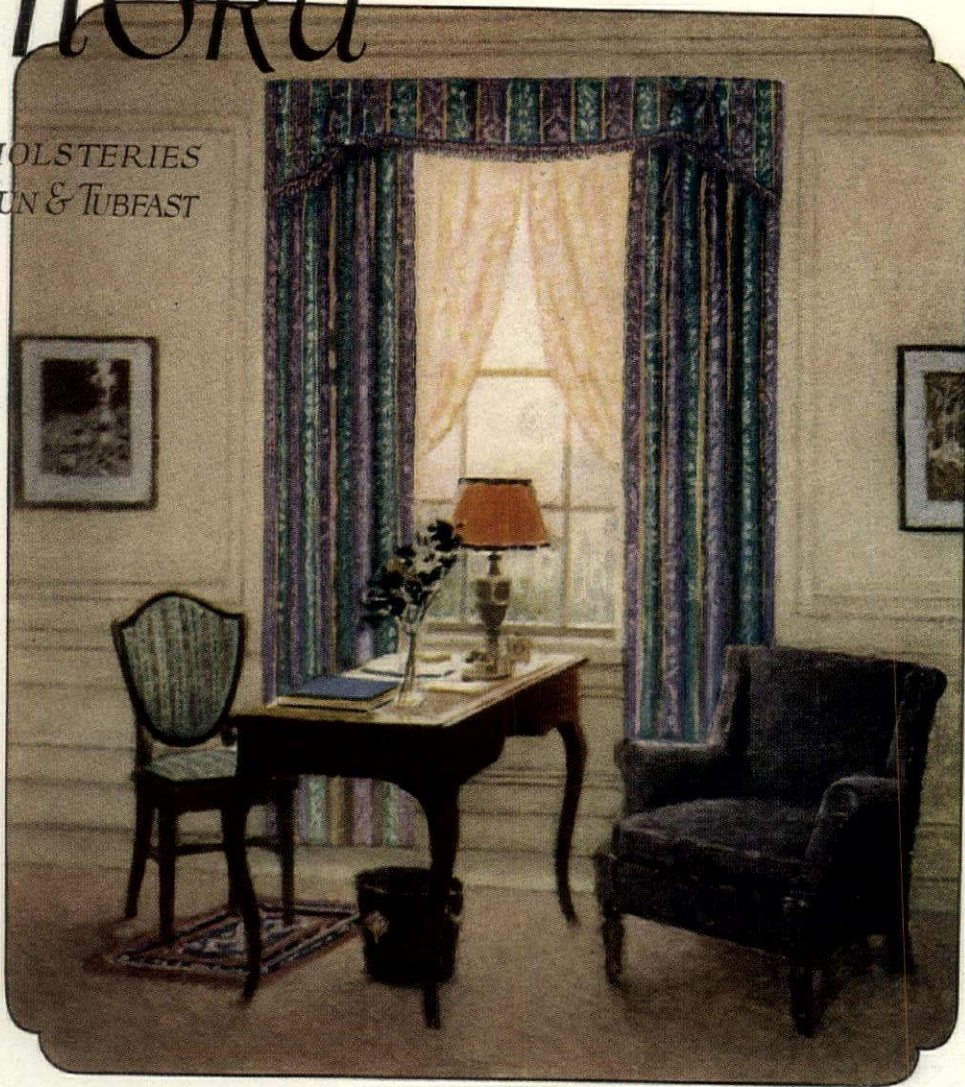
Trianon is stamped   which identifies the genuine

INTERNATIONAL STERLING
Masterpieces of the Classics

INTERNATIONAL SILVER CO.

Orinoka

DRAPERIES & UPHOLSTERIES
COLORS GUARANTEED SUN & TUBFAST



THE ORINOKA GUARANTEE

is printed on the tag attached to every bolt of genuine Orinoka sun and tubfast fabrics. Look for it when you buy.

"These goods are guaranteed absolutely fadeless. If color changes from exposure to sunlight or from washing, the merchant is hereby authorized to replace them with new goods or to refund the purchase price."



Over-drapery of Striped Modena, No. 1551, Color 801.



Small chair in Dutch Canvas, No. 8723, Color 5.



Glass Curtains are Casadora Net, No. 1633.



Armchair upholstered in No. 1630, Color 20.

Summer tests your drapery fabrics!

YOUR summer window open to the breeze lets in bright sunlight and specks of dust that play havoc with ordinary drapery materials.

But not with Orinoka Guaranteed Sun and Tubfast Draperies! Orinoka colors will not fade in even the strongest sunlight, for they are hand-dyed in the yarn by our special process. And, as often as necessary, Orinoka fabrics may be washed with pure soap and water, and rehung—their beauty unimpaired.

In consequence, the springtime custom of taking down the over-draperies is passing. With Orinoka draperies, windows may be interestingly and colorfully draped the year 'round.

There are textures and color schemes appropriate for every type of decoration and for all homes, whether town or country.

Orinoka fabrics offer the truest economy. Their beauty is no passing thing! Every yard is fully guaranteed—money back or new goods if color fades from sunlight or washing. Order your draperies by name—not "sunfast," but "Orinoka—Guaranteed Sun and Tubfast."

THE ORINOKA BOOKLET

"Color Harmony in Window Draperies" was prepared by a New York decorator. It contains many illustrations in color of dainty window, door and bed drapings. Its suggestions for selecting materials and making and hanging draperies are practical and helpful. Send us your address and 20c.



THE ORINOKA MILLS
510 Clarendon Building New York City



Many a family knows from painful experience how true is the old song:

"They pushed the damper in and they pulled the damper out but the smoke went up the chimney just the same."

No longer true!

THE PROGRESS of heating science up to the time when the American Radiator Company was formed is pretty well summarized by this old song reprinted above.

Homes were either too hot or too cold; and no matter what you did to the damper the smoke went up the chimney, carrying most of the heat along.

One of the first steps taken by the American Radiator Company was the establishment of a department for determining definite performance standards for its boilers and radiators. That department developed into the Institute of Thermal Research, the largest laboratories in the world devoted exclusively to problems of better warmth.

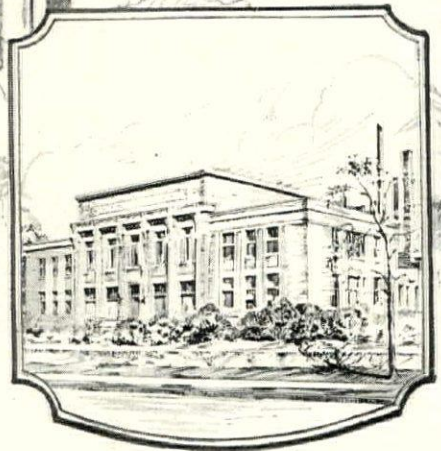
Here materials are tested and every

new type of boiler and radiator must prove in *advance* precisely what it can do.

Architects have long been familiar with the service of the Institute of Thermal Research. It is one large reason why they so often write "AMERICAN Radiators" and "IDEAL Boilers" into their specifications. Dealing as they do with life's most sacred investment, they like to insist upon materials from which scientific tests have eliminated every element of chance.

The little book "Better Warmth and Better Health," published by this company, contains ten definite suggestions for saving coal, and other information of value to every home owner.

May we send you a copy? A card to either address below will bring it to you at once.



Institute of Thermal Research
of the

American Radiator Company

where the ratings of Boilers are definitely determined by tests with chimneys of many different sizes and heights.

AMERICAN RADIATOR COMPANY

IDEAL Boilers and AMERICAN Radiators for every heating need

104 West 42nd Street, Dept. 66
NEW YORK

AMERICAN IDEAL
RADIATORS BOILERS

816 So. Michigan Ave., Dept. 66
CHICAGO



“We’re Building Brighter Basements”

“We’re building brighter basements. It’s light that makes the difference. Look at those Fenestra Basement Windows. They admit 80% more light and make the basement almost as bright and usable as the rooms upstairs.”

Think what a wonderfully light and airy laundry there’ll be in this house. Think what a continual satisfaction it will be to have plenty of light on the stairway, around the furnace and coal-bin. Of course you’ll want a Fenestra Daylighted Basement in *your* new home.

Then get *all* the facts about Fenestra Basement Windows before your plans are completed. Write us today for literature and the name of a lumber or building material dealer near you who can supply you with these windows quickly.

DETROIT STEEL PRODUCTS COMPANY, 2413 E. Grand Boulevard, DETROIT
For Canada: Canadian Metal Window & Steel Products, Ltd., 160 River Street, Toronto

Study These Fenestra Advantages

They Never Warp nor Stick—Unlike wood windows, Fenestra windows cannot warp or stick. They’re always easy to open and equally easy to shut. Their solid steel bars are not affected by damp weather.

They Resist Fire—Fenestra Basement Windows lessen the possibility of dangerous and destructive fires. Their solid steel construction provides protection against fires next door. And in case of fire in your own basement, burning materials can be thrown through Fenestra Windows with perfect safety.

They Keep Intruders Out—Fenestra Basement Windows make the home more secure.

Their solid steel bars and positive locking device provide a barrier that discourages house-breakers.

Permanent and Attractive—The solid steel members of Fenestra windows cannot rot or decay. Coal or wood deliveries do not mar them or impair their efficient operation. They make the whole outside appearance of the house permanently attractive.

Their Low Cost Will Surprise You—With all these advantages, you would expect Fenestra to cost much more than ordinary wood basement windows. But this is not true. Their first cost is little if any more and the cost of installation is considerably less.

Fenestra

BASEMENT WINDOWS

Fenestra

The name of the ORIGINAL steel WindowWall.

The symbol of superior QUALITY in material, patented design, workmanship and service.

THE OVERLOOKED BEAUTY SPOTS IN YOUR HOME

When you enter a home that is particularly charming in its decorations and furnishings, you realize that its secret lies in the wonderful background of elegance formed by its broad expanse of lustrous, velvety oak floors.

These are the beauty spots that unfortunately are overlooked by many people who do not appreciate the added loveliness and charm of this everlasting wood.

'PERFECTION'

BRAND OAK FLOORING

You can easily bring infinitely greater charm to your own home. Perfection Oak Flooring will enhance the beauty of every piece of furniture. It will serve as a mellow ground color that will harmonize with your wall tones and add distinction to your hangings, your pictures, your drapes. Perfection will remain beautiful for generations. It never needs replacement.

If your home lacks this touch of refinement, you can have a Perfection Oak Floor laid over your present floor at a cost so modest it will surprise you. If the leading lumber dealer in your city does not carry Perfection, write us and we will give you the address of one near you.

When You Build

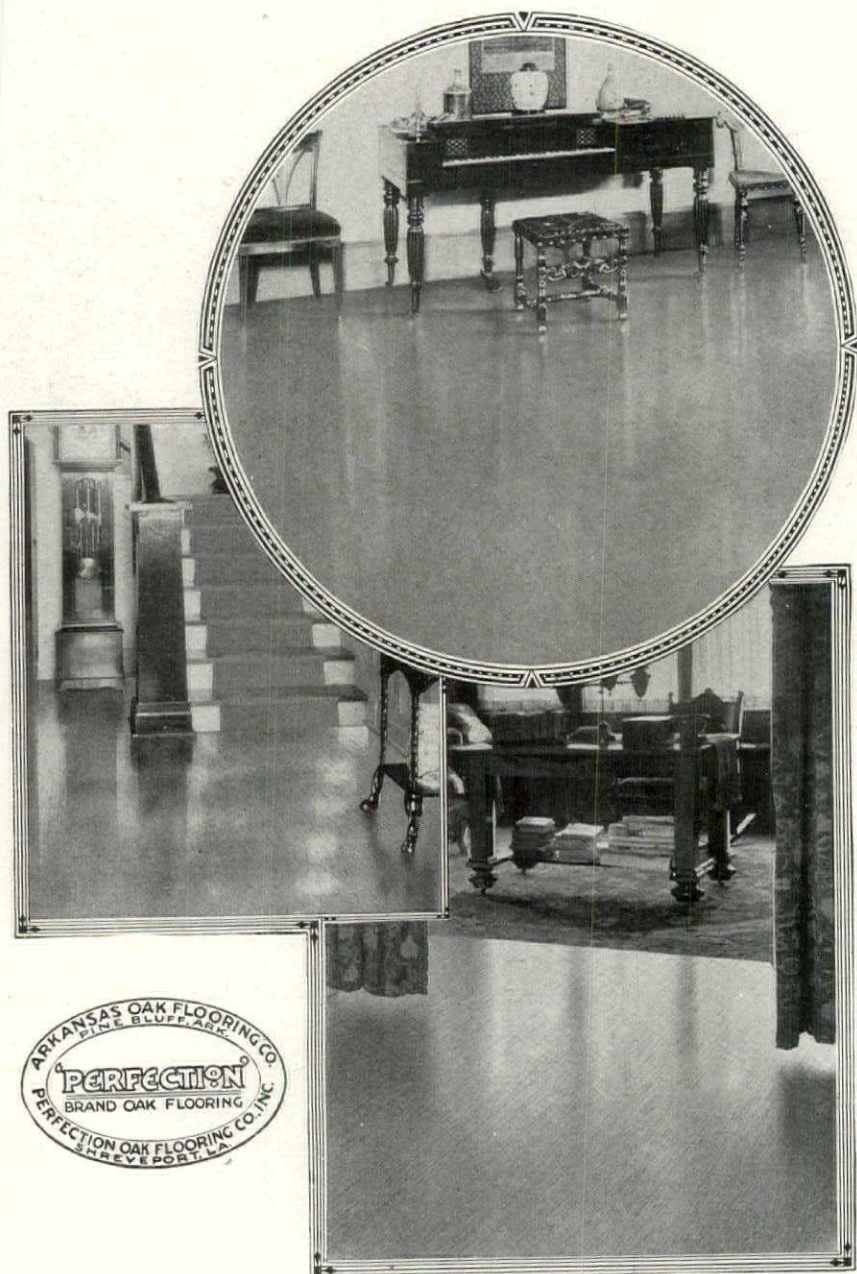
The ideal time to consider the wisdom of oak flooring is when you are planning your home. The pleasure in knowing that its prized beauty spots will give evidence of your good taste, will increase your joy of anticipation. Your architect or contractor will supply you with all the necessary information regarding Perfection.

We have a most interesting brochure on this vital subject that will be well worth your reading. Simply write us and ask for "The Overlooked Beauty Spots in Your Home." It will be sent you at once, gratis and postpaid. May we suggest that you write at once?

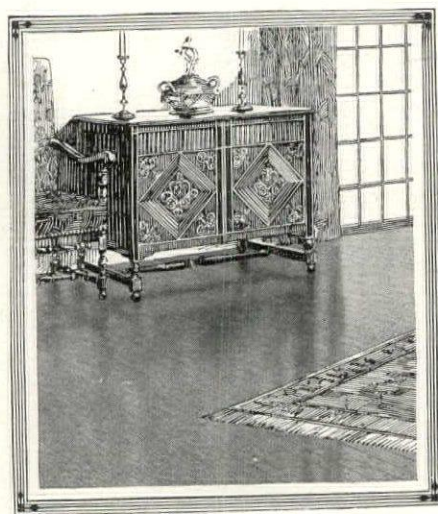
ARKANSAS OAK FLOORING CO.
PINE BLUFF, ARK.

PERFECTION OAK FLOORING CO., INC.
SHREVEPORT, LA.

Sales Offices: PINE BLUFF, ARK.



No home may be said to be really modern that lacks the distinction of oak floors in every room. They are a legacy that you will leave to the next generation, and they will be modern then





“No Dust or Dirt--and My Curtains and Walls Stay so Clean, too”

Chamberlin Metal Weather Strips Furnish Year Round Protection

You don't see that grimy look in a Chamberlin stripped home. They keep out dirt, dust, soot and smoke. They keep homes clean and save much tedious household labor. They protect furnishings, and keep wall-paper and decorations fresh and new.

Save 25% to 40% in Fuel
No rain can leak in. Windows and doors stay snug and rattle-free.

Chamberlin Metal Weather Strips furnish year round protection and utility. They permanently end fuel waste and discomforts of a draughty house.

They insure even heat. Keep all parts of the house warm. No more cold spots. No cold air currents. And you will be surprised at how little they cost.

End This Waste Permanently

Tests show the enormous waste of fuel at unprotected doors and windows. How simple to save it as growing thousands of good home managers are doing.

Chamberlin strips protect the health of the home, too. Children play in any part of the house without danger from draughts.

C H A M B E R L I N

Metal Weather Strips

Chamberlin Strips are used on 85% of all weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.

They are guaranteed to last as long as the building. An estimate by our engineering department, on the cost of your equipment, is free.

Just Send the Coupon

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Chamberlin Metal Weather Strip Co., Detroit, Mich.
Tell me the cost of equipping my building with Chamberlin Metal Weather Strips (check whether home, factory, office building, church, school.)

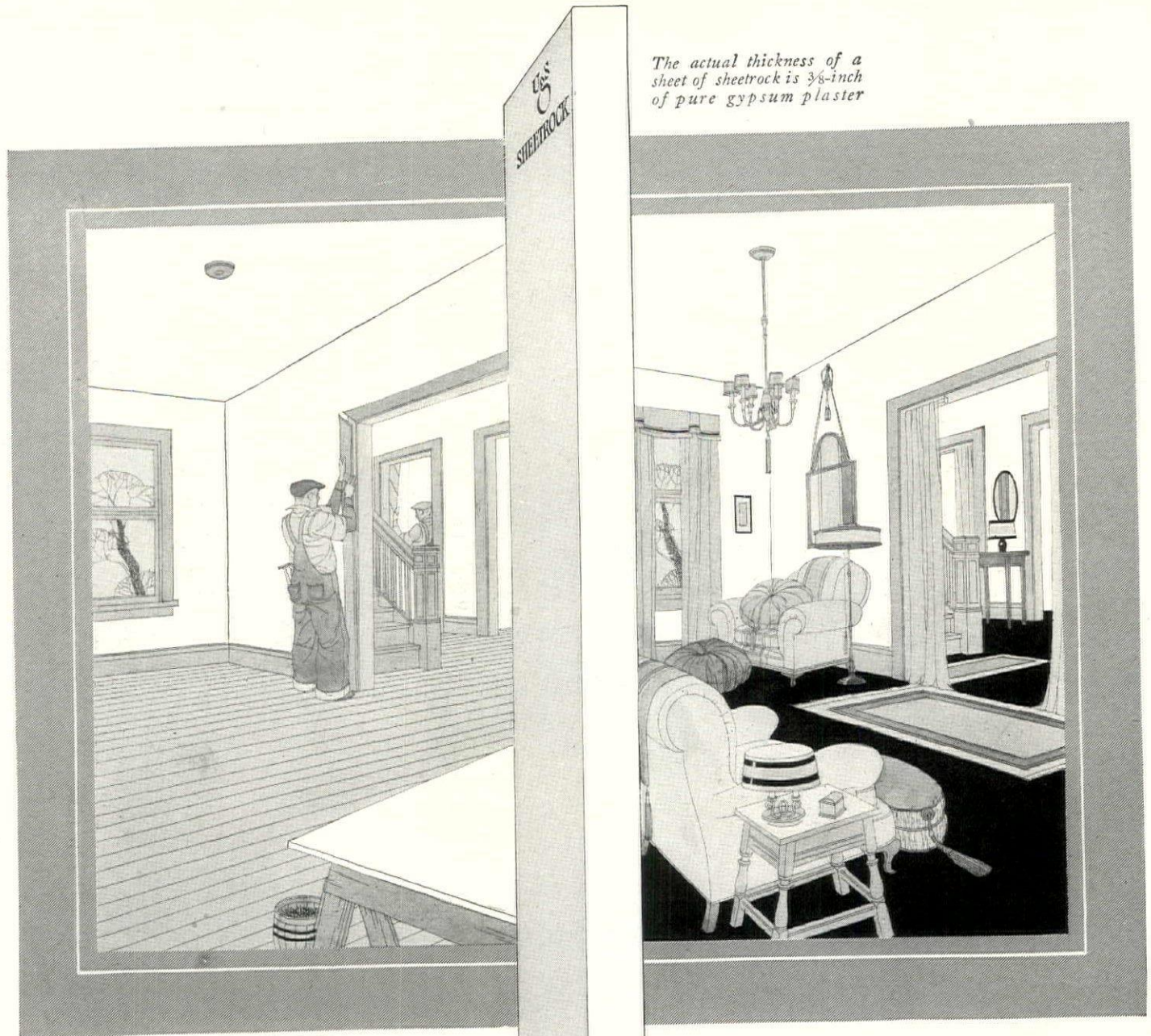
Give number of outside doors _____ windows _____

Name _____

Address _____

City and State _____

Eng. Dept. F-6



The actual thickness of a sheet of sheetrock is $\frac{3}{8}$ -inch of pure gypsum plaster

The carpenter puts up the Sheetrock and immediately applies the trim—no delays!

Sheetrock makes smooth-surfaced, permanent, fire-proof walls and ceilings that take any decoration.

The Beauty of

Standard Walls

Look at a wall of Sheetrock.

That smooth and flat expanse invites good decoration. It forms an accurate, firm and perfect base for wallpaper, paint or panels.

You may be sure, too, that it will be just as solid and just as flat many years from now, because it is made of Sheetrock, and Sheetrock is rigid, *will not buckle, shrink or warp.*

Every part of it is tight-jointed, vermin-proof and sound-proof, because Sheetrock is made with the patented U. S. G. edge, for extra nailing strength

UNITED STATES GYPSUM COMPANY, *General Offices: 207 West Monroe Street, Chicago*
World's Largest Producers of Gypsum Products

and perfect union. Where panels are not employed, Sheetrock Finisher seals the seams completely.

Moreover, walls and ceilings of Sheetrock are *fire-proof*. Sheetrock is gypsum plaster cast in sheets. It will not burn, ignite, or transmit heat. It keeps buildings cooler in summer, warmer in winter.

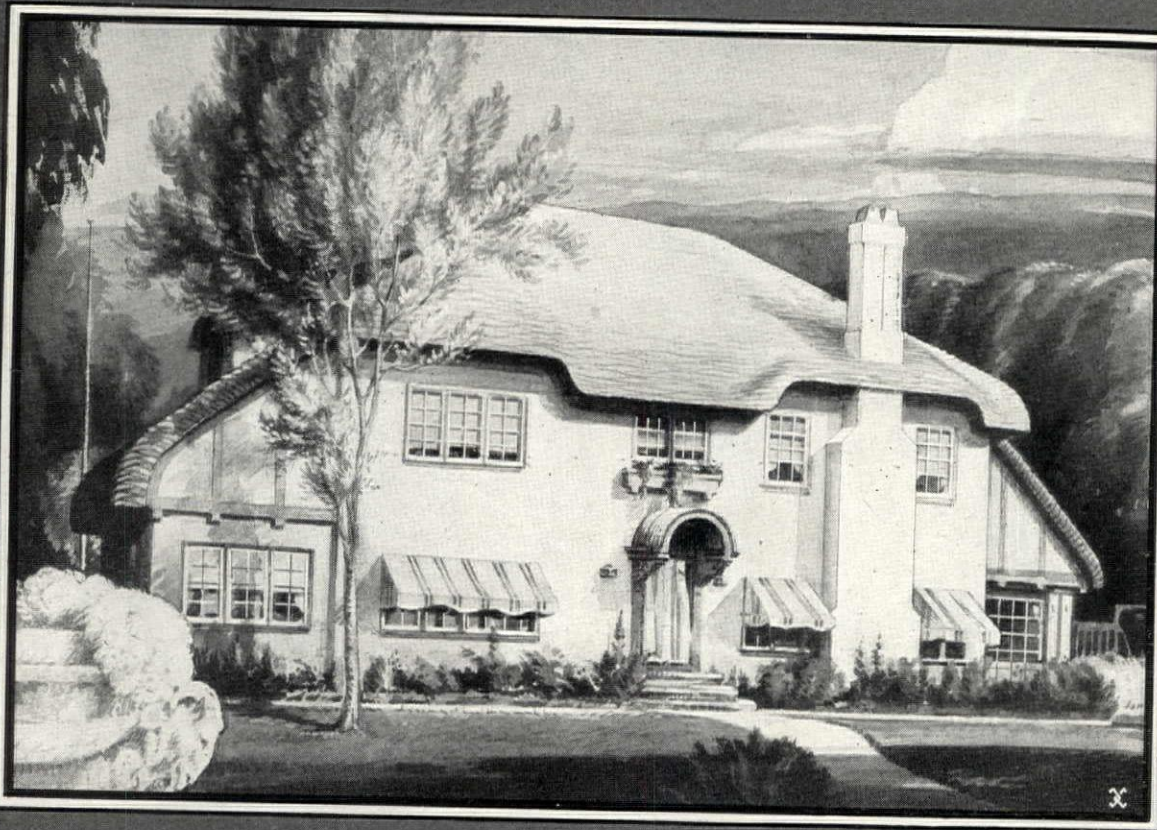
Sheetrock comes in broad, ceiling-high sheets, all ready for use. The carpenter nails it up, quickly, easily and cleanly. Your dealer in lumber or builders' supplies sells Sheetrock. Write for a sample and for our free illustrated booklet, "Walls of Worth," showing the fine effects that are possible with Sheetrock.

Sheetrock is approved by The Underwriters' Laboratories, Inc.

SHEETROCK

The FIREPROOF WALLBOARD

Reg. U. S. Pat. Off.



Residence of Mr. S. H. Chase, Jr., San Jose, California. Mr. Charles S. McKenzie, San Jose, Architect

THERE is nothing more fascinating than the creating of the home-that-is-to-be—the gradual working-out and refinement of your and your Architect's plans—until finally you can say "this is *ours!* this reflects *us!*"

Portland cement stucco, using Medusa Waterproofed White Cement, enables you to express your ideals in a truly remarkable way. The Medusa Book tells what you *can* do, and shows what others *have* done, to make the new home more livable and more lovable. We shall be pleased to send copies to you and your Architect.

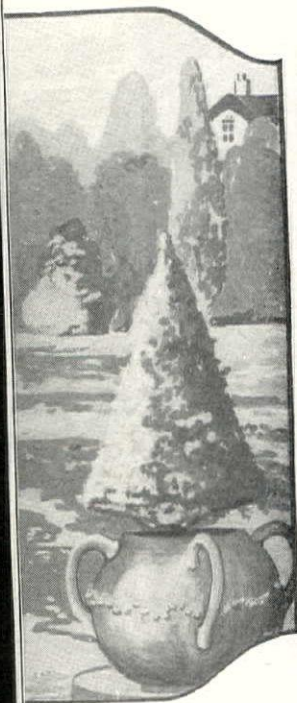
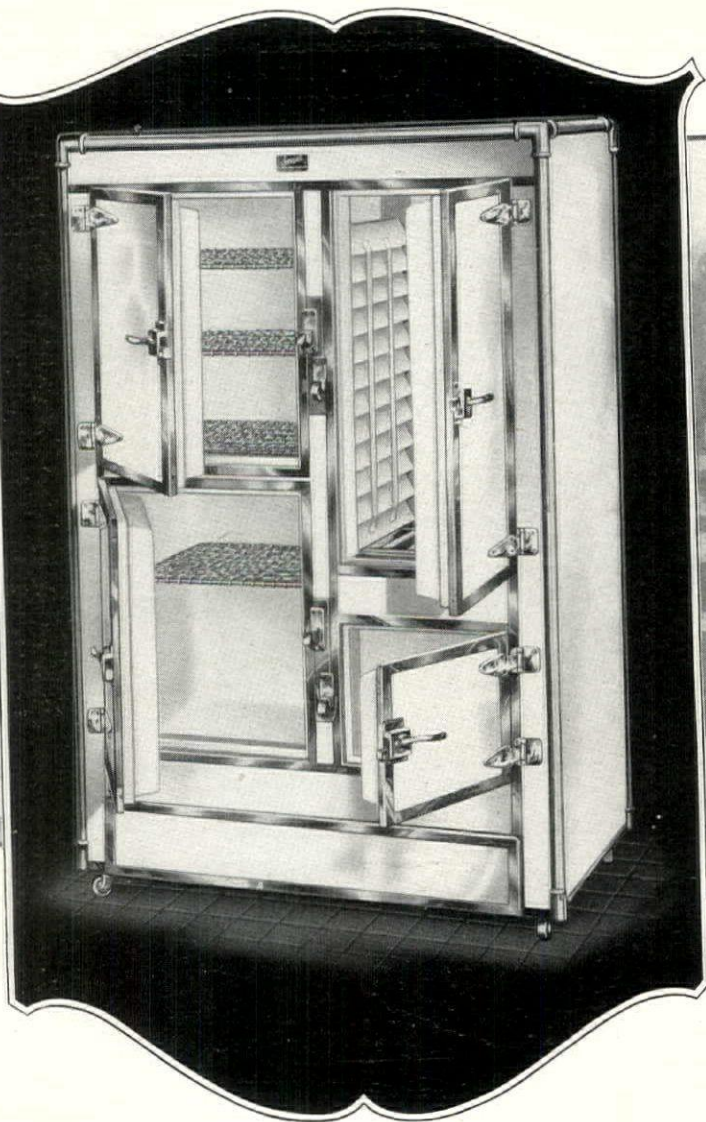
THE SANDUSKY CEMENT COMPANY, *Cleveland*

We are sole manufacturers of Waterproofed White Cement

MEDUSA WHITE CEMENT

{ WATERPROOFED }





Seeger
Original Siphon
Refrigerators

“The Standard of the American Home”

Throughout the ages there have always been products that stand unquestioned as the “ideals” of housewives. Whether for the simple bungalow or the spacious mansion, these ideals are the Standard of Comparison whenever a permanent piece of furniture is purchased for the home.

Owners of Seeger Refrigerators have given us the inspiration for our slogan, “The Standard of the American Home.”

We have chosen a representative dealer in every large city who will be pleased to show you a Seeger Refrigerator.

SEEGER REFRIGERATOR CO.

SAINT PAUL, MINN.

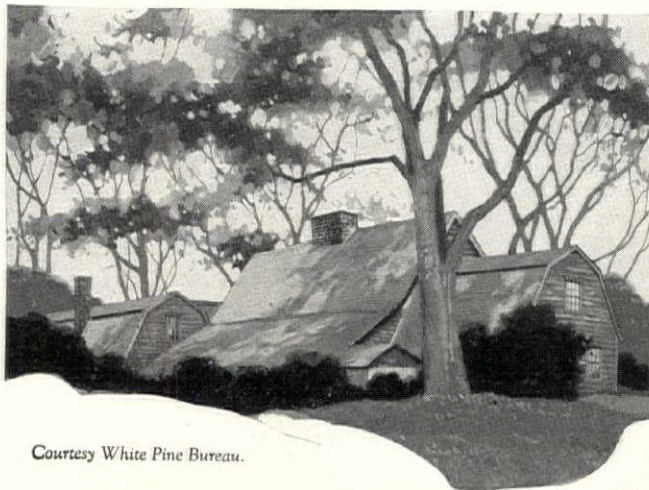
399 MADISON AVE., NEW YORK CITY
82 WASHINGTON ST., BOSTON, MASS.

715 INDIANA ST., SAN FRANCISCO, CAL.
311 TERMINAL SALES BLDG., LOS ANGELES, CAL.

Why Architects,
Contractors and
Dealers
Recommend

**Andersen
FRAMES**

1. Immediate delivery—no expensive delays waiting for special custom made frames.
2. 121 sizes ready for every purpose.
3. Delivered in two compact bundles plainly marked and easily handled.
4. 7 parts instead of 57. No small parts to be lost or broken.
5. A frame up in ten minutes. No sorting, measuring or refitting. Pockets and pulleys in place.
6. Accuracy gives smooth-running windows, yet excludes all weather.
7. Modern machinery, methods and specialization lowers cost at factory; quickness of assembly saves you time, labor and money on the job.
8. Better results in frame, brick or stucco buildings.
9. White Pine preserves original accuracy and gives continuous service.
10. Made by the largest exclusive standard frame manufacturer. The trade-mark is absolute protection.



Courtesy White Pine Bureau.

**Select Window Frames
That Endure**

WHEN Jonathan Fairbanks of Dedham, Massachusetts, built this house in 1636, he used White Pine lumber. The old home stands today almost perfectly preserved, a monument to the strength and durability of White Pine.

This same long life is built into Andersen Window Frames. Because White Pine is used in all exposed portions, the original accuracy of the frame is insured against warping, shrinking, cracking or rotting.

Any frame that gives continuous smooth performance, together with the other advantages listed here in the margin, is certainly worth investigating.

Complete Booklet Without Charge

Write for the complete story of Andersen Standard Frames. Please tell whether you are building your own home, or whether you are interested as an Architect, Contractor, Carpenter or Dealer.

Andersen Lumber Company

Dept. N-5

Bayport, Minnesota

(Formerly South Stillwater)

**Andersen
FRAMES**

HODGSON *Portable* HOUSES

"Better than we thought possible"

HAVE you ever come to a place far off the beaten track? A spot beside a quiet lake with the dark background of the pines? Have you ever said to yourself, "What an ideal site for a summer camp?"

Perhaps you know of such a place and have often thought of building there, but have been dismayed by thought of labor, time and cost.

Hodgson Houses remove building difficulties. Choose your setting. Then send for the Hodgson catalog and pick your house or bungalow to fill it.

These houses are made in sections and are quickly and easily assembled. No skilled labor required. Build your own house yourself. The

only tool you need is a hammer to wedge in the key-bolts.

Hodgson Portable Houses have proved themselves to be economical and practical. Made from sturdy Oregon pine and red cedar, backed with heavy fiber lining, Hodgson Houses are built to last for years.

Hodgson Houses are always snug and comfortable. Cool in summer and easy to heat in winter.

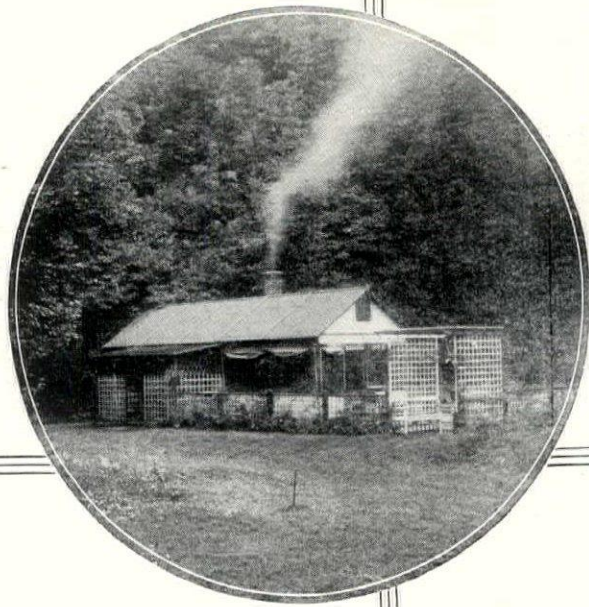
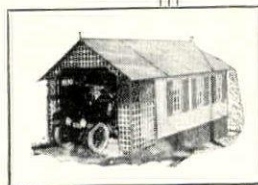
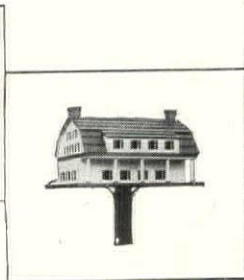
"Better than we thought possible," is the way one family expresses it.

Send to-day for catalog G, which shows many beautiful Hodgson cottages, bungalows, garages, play-houses, bird-houses, poultry-houses, etc. It gives prices and complete information. Write to-day.

E. F. HODGSON COMPANY

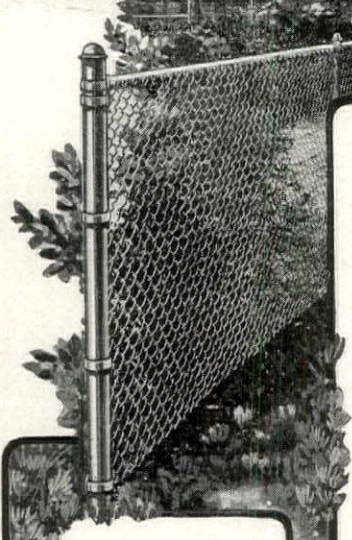
71-73 Federal St., Boston, Mass.

6 East 39th St., New York City



Lawn fence

that is both
Attractive and Practical



AFCO CHAIN LINK LAWN FENCES
provide an all-round value not available a few years back. Then, to secure an attractive fence sufficiently strong to afford real protection against intrusion, it was necessary to buy a wrought iron picket fence.


THE WROUGHT IRON PICKET FENCE
still has its proper place. But the modern chain link lawn fence provides a very attractive fence that is remarkably strong and durable, and at a much lower cost.

AFCO LAWN FENCES
ideal for their purposes. We Solicit Your Inquiry. Please address Department E.

American Fence Construction Co.
Home Office:
130 West 34 Street, New York, N. Y.
Telephone Fitzroy 0680
Branch Offices in Principal Cities

AFCO—the right fence for the suburban home and country estate.

Afco Fences

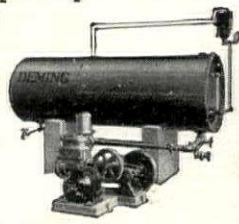


Depend on Deming

FOR nearly a half century we have been building pumps. Many of the private estates of some of the world's wealthiest and most prominent men are served by Deming Water Systems.

When you select a Deming Water System you can do so with the confidence that a 43 year reputation for integrity guarantees dependable performance and that the price represents all the economies made possible only by large standardized production.

Deming Water Systems are built for all types of power drive in capacities ranging from 180 to 20,000 gallons per hour.




General Catalog or Individual Bulletin sent on request

The Deming Co., Est. 1880, Salem, Ohio

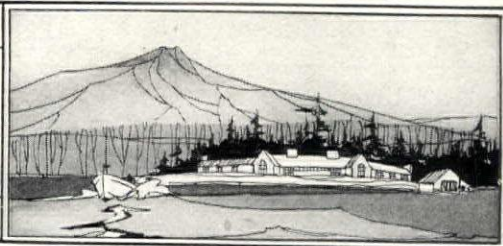
Deming "Ajax" System for country estates, greenhouses, etc. Capacity 1800 gal. per hour.

Deming PUMPS





Schools



NEW YORK CITY AND VICINITY

MARYMOUNT

Tarrytown - on - Hudson, N. Y.



Riding

COLLEGE ACADEMY

Four - year course leading to degrees
Pre-academic, Academic and Two-year Finishing Courses
Domestic Science; Practical Dressmaking; Gymnasium; Swimming Pool; all outdoor sports.
For Catalogue address The Reverend Mother

TEASDALE RESIDENCE

For Young Women and Girl Students

Open all year
326 West 80th Street
Booklet
New York City
Chaperonage
Riverside Drive
Telephone: Schuyler 7724

THE FINCH SCHOOL

A Boarding and Day School for Girls, emphasizing post-graduate work

61 East 77th Street, New York City

COMSTOCK SCHOOL

Miss Foster's School for Girls. Advanced Elective, College Preparatory. Special Arts. Native French Teachers.
52 East 72nd St., New York, N. Y.

Attractive New York Home

FOR A FEW GIRL STUDENTS
Write for information to Miss M. C. Belden
391 West End Ave., New York City
Near Riverside Drive
Telephone 1131
Chaperonage
Special Summer Rates

DONGAN HALL

A Country School for Girls
General Courses, Art, Music, College Preparation
Emma Barber Turnbach, A. B., Principal.
Dongan Hills
Staten Island, N. Y.

PRIVATE TUTOR. Elementary and College Preparatory Branches—Modern and Classical Languages. Endorsed by leading schools of the city.
Mrs. H. D. Roberts
Phone Schuyler 3822
62 W. 84th Street
New York City

THE SCUDDER SCHOOL Day and Boarding
7 buildings, West 72d St., near Riverside Drive.
Practical courses: (1) High School—preparatory and general; (2) Secretarial; (3) Household Arts; (4) Social Welfare and Community Services; (5) Music—all branches, 15 instructors, Summer School.
Miss H. G. Scudder, 244 W. 72d St., N. Y. City.

FRENCH HOME SCHOOL

Planned exclusively for girls pursuing special studies in New York. Exceptional opportunities for French.

MISS MACINTYRE or Mlle. TALGUEN
320 W. 107th St., Riverside Drive, New York City

Mrs. Boswell's Residence

344-346 West 84th St., at Riverside Drive, New York
A delightful home for girls attending any school, college or studio for long or short periods. Elective chaperonage. Seventh Year.
Telephone - Schuyler 3106. Catalogue.

OSSINING SCHOOL FOR GIRLS
We offer with diploma, Academic, College Preparatory, Art, Music, Dramatics, Secretarial and Home Making Courses. Separate school for young girls. In beautiful Westchester, 30 miles from New York. 55th year. Address Clara C. Fuller, Prin. 5F. Ossining-on-Hudson, New York.

BRIARCLIFF

The Dowd School for Girls

Mrs. EDITH COOPER HAKIMAN, B.S., Principal
BRIARCLIFF MANOR, NEW YORK

General Academic and College Preparatory Courses. Music and Art with New York advantages.

Music Department:

Mr. Ossip Gabrilowitsch,
Artistic Adviser

Mrs. Florence M. S. Gilbert, Director

Art Department:

Mr. George W. Bellows, N.A.,
Director

Junior School

Post-Graduate Department



Preparing Girls for College

As a parent you want your daughter to have the advantages of a college education. You believe, as most of us do, that such an education has an enriching value in life that she should not be denied.

College preparation is all-important. Many young girls enter college with all too slight a knowledge of the elementary subjects with which they should be thoroughly familiar. We've all seen evidence of this in misspelled, ill-written letters from girls of sixteen or eighteen years; in hearing their French pronunciation; in observing their attempts to balance a cheque-book.

College Preparatory School makes an especial point of individual attention to the pupils, of small classes, of thorough preparation of actual college entrance examinations. It really prepares a girl to get the utmost out of her college life.

There are other benefits to be considered as well as that of correct preparation for college studies. Your daughter's health is carefully guarded, her work in athletics is supervised and she is not forced into gymnasium classes with a hundred others who may or may not be physically able to take that required exercise. She meets girls of good families and makes the kind of friends you wish her to know.

Don't leave the preparation for the most important period of your daughter's life to the care of a public school. Write to the schools listed here for information and catalogues. Or the Nast School Service will be glad to help you select the right school.

Condé Nast School Service

25 West 44th St.

New York City

NEW ENGLAND

The KNOX SCHOOL
for GIRLS
On Otsego Lake
Cooperstown
New York

A School of American Ideals in a Country of American Traditions

Prepares for leading colleges or vocational schools. Advanced two years' college course. Modern fire-proof building and new gymnasium. Athletics. Horseback riding. Golf course nearby. Lower school girls 10 to 15 years.

Mrs. Russell Houghton
Cooperstown, N. Y.
Box E

Brantwood Hall Lawrence Park
Bronxville, N. Y.
28 minutes from Grand Central. College preparatory and general courses. 4 buildings, about 8 acres in Westchester, one of the most beautiful counties in America. Steady growth of 16 years, due chiefly to one patron's introducing another.

CO-EDUCATIONAL

"A CHILD'S DAY"

A school for children 4 to 12 years of age
Winter 34 E. 62d St., N. Y.
Summer Houlgate, France.
Miss Wilhelm, Principal

SCUDDER ELEMENTARY DAY SCHOOL
For Boys and Girls
We first study the child and then teach the child to study. Supervised play, afternoons and all day Saturday.
Miss Edna G. Speck
261 W. 71st St., N. Y. Tel. Endicott 10077

NEW ENGLAND



LASELL SEMINARY

Est. 1851. Develops intelligent and cultured womanhood. Prepares for women's colleges with elective courses, Music, Art, Secretarial, Home Economics. Ten miles out of Boston. Thirty-acre campus with lawns, gardens, old trees, fifteen buildings. All athletics.
Woodland Park—The Junior School for Girls. Send for Catalog. Camp Tecomet opens July 1st.
GUY M. WINSLOW, Ph. D., Principal
CHAS. F. TOWNE, A.M., Assoc. Principal
149 Woodland Road, Auburndale, Mass.

GLEN EDEN

For high-school girls or graduates. Suburban to New York City, 50 minutes from Fifth Avenue. Magnificent equipment. Buildings of granite. Enter any time. For booklet address
Director. Glen Eden, Stamford, Conn.

The MacDuffie School for Girls

Emphasizing College Preparation

One Year Tutoring Course

Principals Dr. and Mrs. John MacDuffie

Springfield, Mass.

Choate School

1600 Beacon Street
Brookline, Mass.

Home and Day School for Girls. Emphasis on College Preparation. Also Art, Music, Domestic Science.

Home life carefully regulated. Boston's many advantages open to students, with chaperonage. Gymnasium, Bowling Alley, Fields for Sports. Horseback Riding.

Augusta Choate, Vassar, A.B., A.M., Prin.

BOYS' SCHOOLS

SPECIAL SCHOOLS (Continued)

NEW YORK

EASTERN ATLANTIC

St. John's School

Ossining-on-Hudson, N. Y. For many boys. Thorough preparation for college and business. Military training. High standard academic work. Individual instruction, small classes. Physical Culture and Athletics. Gymnasium and Drill Hall. Swimming Pool. Separate school for boys under 13. William Addison Ranney, A.M., Principal

ST. PAUL'S 153 Stewart Ave. Garden City, L. I., N. Y. Episcopal boarding school (boys). Coll. Prep. course 4 yrs. for boys who have finished Grammar School, Junior Dept. (grades 6 to 8). Fireproof. All athletics. Resident chaplain and nurse. Single rooms, \$1200. L. I. R. R. 40 min. from N. Y. City.

FOOT HILLS OF BERKSHIRES Unusual opportunity for limited number of boys from 10 to 14, to be paying guests in private home. Separate house, swimming pool, tennis court, 1300 ft. altitude, 14 acres, personal supervision. For particulars address Mr. & Mrs. B. D. Holden, Box 385, Poughkeepsie, N. Y.

SOUTH

STAUNTON MILITARY ACADEMY

Private academy preparing for Universities, Government Academies, Business. Gymnasium, swimming pool, all athletics. \$600,000 plant. Catalog.

COL. THOS. H. RUSSELL, B. S., Pres., Box X (Kable Station) Staunton, Va.

STUYVESANT, Warrenton, Virginia A Home School for Boys. Limited to 50. Preparation for all colleges. Send for Catalog. EDWIN B. KING, M.A. (Yale), Headmaster

NEW ENGLAND

WORCESTER ACADEMY FOR BOYS OF ABILITY WITH COLLEGE VISION WORCESTER, MASSACHUSETTS

WESTMINSTER SCHOOL SIMSBURY, CONN.

Raymond R. McOrmond, Headmaster

Allen-Chalmers

A Country School for Boys Military Regularity. Upper and Lower Schools. Thomas Chalmers, West Newton, Mass.

CALIFORNIA

URBAN MILITARY ACADEMY California's most beautiful school, highest scholarship, thorough character training, completely equipped playgrounds, swimming pool, horsemanship, golf, band, radio, all athletics. In session all year, summer camp, enroll any time. Address the Registrar, Hancock Park, Los Angeles.

SPECIAL SCHOOLS

PORTA-POVITCH

The Incomparable School of the Art of Dancing ENDORSED BY MRS. ANNA PAVLOWA

1658 Broadway, Corner 51st Street New York City

CHALIF Russian School of DANCING ART IN DANCING "I admire your energy and your work" ANNA PAVLOWA Summer School May 28th to July 20th Catalog on Request 163-165 West 57th Street, New York

VESTOFF SEROVA Russian School of DANCING Ballet, Classic-Interpretative-National and Ballroom-Dancing Children's Courses a Specialty-Baby work Classes-Private Lessons-Normal Courses Write for Booklet V 47 W. 72nd St., N. Y. C. Tel. Calumabus 6212

ROSETTA O'NEILL DANCING Classic-National-Folk-Rhythmic Ball-Room "To Miss O'Neill I owe my success," Mrs. Vernon Castle 746 Madison Ave., N. Y. Phone Rhinelander 6776

ALEXIS KOSLOFF of Imperial Russian Ballet 24 West 57th Street, New York Telephone Circle 5208 Class and private instruction in all forms of dancing. Children's classes. Russian Ballet Technique Book with suites of dances, with descriptions and music, \$15.00. New Dances, with descriptions and music. For sale at the studio. Enroll now for Normal Course

DENISHAWN at Marlarden, Peterborough, New Hampshire announces under the personal direction of RUFUS ST. DENIS and TED SHAWN SUMMER PROFESSIONAL CLASSES beginning June Eighteenth—twelve weeks For beginning and Advanced Pupils, and a Post-graduate Course of entirely new material Gertrude C. Moore, National Director Denishawn 344 West 72d Street, New York City

SKYLAND SCHOOL OF DANCE (In New York—High above the Hudson) MARSHALL HALL—Director Formerly of Metropolitan Opera Co., etc. ANATOLE BOURMAN—Imperial Theatre, Petrograd—Diaghileff Ballet Russe, etc. Distinctive Dancecraft for the Theatre and Ball Room—Story Dancing for children. Normal Course for Teachers. Booklet on request. The Chatsworth Roof 72nd St. and Riverside Drive New York City Tel. Endicott 1387

Portia Mansfield School of Classic Dancing and its Related Arts Carmel-by-the-Sea, Cal. Normal and Professional Dept. Summer session, Rocky Mountain Dancing Camp, Steamboat Springs, Colorado. Send for Booklet.

BECOME A LANDSCAPE ARCHITECT Dignified, exclusive profession. Little competition. \$5,000 to \$10,000 incomes for experts. Easy by our method. Est. 1916. Assistance extended to students and graduates. Write for details. American Landscape School 81 H, Newark, N. Y.

School of Horticulture for Women Box. H, Ambler, Penna. Two-Year Diploma Course Spring and Summer Short Courses Address: Elizabeth Leighton Lee, Dir.

LOWTHORPE A School of Landscape Architecture for Women 36 miles from Boston. Intensive training for a delightful and profitable profession for women. Courses in Landscape Architecture, Horticulture and Planting Design. AMY L. COGSWELL, Principal Groton, Mass.

THE CAMBRIDGE SCHOOL Domestic and Landscape Architecture Cambridge, Massachusetts

THE NEW YORK SCHOOL of INTERIOR DECORATION 101 PARK AVE. NEW YORK CITY Resident and Home Study Courses Complete instruction in period styles, color harmony, composition, textiles, curtains, wall treatments, furniture arrangement, etc. Start at once. Send for Catalogue H5

A SUMMER ART SCHOOL FOR YOU The New York School of Fine and Applied Art New York Paris London Frank Alvah Parsons, Pres. Send for Circular House Planning and Decoration; Stage and Costume Design; Poster Advertising; Museum Research; Industrial Design and Lectures for Teachers and Others; Painting in Brittany. Address: 2239 Broadway, New York

Metropolitan Art School New York 58 West 57th St. Gloucester, Mass. SUMMER CLASSES MODERN COLOR Landscape—Figure Painting—Interior Decoration—Costume Design—Poster. Children's Classes Application until May 15th New York School.

American Academy of Dramatic Arts Founded in 1884 FRANKLIN H. SARGENT, President The leading institution for Dramatic and Expressional Training in America. Connected with Charles Frohman's Empire Theatre and Companies. For information apply to SECRETARY, 262 E. Carnegie Hall, New York, N. Y.

THE ERSKINE SCHOOL Vocational Training for High School and College Graduates Miss Euphemia E. McClintock 129 Beacon Street Boston, Mass.

Edith Coburn Noyes School Voice Diction Drama Character Development Progressive methods of using dramatic training for cultivation of personality. Booklet describing courses on request. Edith Coburn Noyes, Principal Symphony Chambers, Boston.

Secretarial Training Day and Evening Classes in all business subjects, commercial art, languages, domestic arts, practical nursing, tea room management. Established 50 years. BALLARD SCHOOL CENTRAL BRANCH N. Y. W. C. A. Lexington Ave., At 53rd St. N. Y. C.

Costume Design Millinery Design Fashion Illustration

Send for "The Secret Costume Design," an exhaustive treatise by Emil Alvin Hartman. It is yours for the asking Fashion Academy, Inc. 21 East 79th St. New York City Scottish Rite Temple, San Francisco, Cal. 1432 N. Broad Street, Philadelphia, Pa.

DESIGNING and MILLINERY Dressmaking and Pattern Cutting taught for wholesale, retail or home use. School open all Summer. Call or write for particulars. McDowell Dressmaking and Millinery School. Established 1876. No Branches. 58 West 40th Street, N. Y.

Dress Design 20 Lessons by Mail \$60. ACADEMY OF FINE ARTS 81 East Madison Street - Chicago

NEW YORK SCHOOL OF APPLIED DESIGN FOR WOMEN 160 Lexington Ave., N. Y. City. 31st year Textile Designing, Fashion Drawing, Poster and Commercial Art, Interior Decoration, Historic Ornament. Illustration. Preparatory courses. Positions and orders filled.

THE FLORENCE WILDE SCHOOL OF ILLUSTRATION 63 W. 9th St., New York, N. Y. (Mrs. Wilde, formerly of Pratt Institute) Short practical evening and day courses in all branches of commercial and costume illustration—Beginners or advanced students—Can work while studying.

THE GARLAND SCHOOL OF HOMEMAKING Booklet on training for efficient home making. Mrs. Margaret J. Stannard, Director. 2 Chestnut Street, Boston, Mass.

THE COMMONWEALTH SCHOOL School of Homemaking and Community Problems Thorough and complete instruction in everything pertaining to the home. Special part time courses. Carefully supervised homes recommended for out-of-town students. Box G. 136 East 55th St., New York City.

The Iridor School For Professional Direction Doris K. Weigert CANDY MAKING (Instructor Y. W. C. A.) French, Spanish and Resident and Correspondence German spoken. Booklet on request. 25 East 62nd Street New York City

THE FREER SCHOOL For girls of retarded development. Limited enrollment permits intimate care. 9 miles from Boston. Miss Cora E. Morse, Principal. 31 Park Circle, Arlington Heights, Mass.

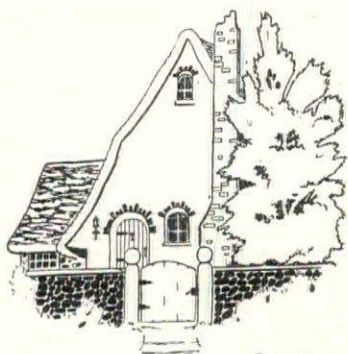
Dr. Lightner Witmer's Method of restoring backward children to normality. Small home school at his country place near Philadelphia. Limited number of children accepted only after examination. Address Dr. Witmer, Devon, Pa.

Beautiful, Exclusive Country Nursing Home and School for mentally defective children. References Exchanged. Margaretta Bennett, English, Indiana. Box II.

MISS WOODS' SCHOOL For EXCEPTIONAL CHILDREN Individual training will develop the child who does not progress satisfactorily. 24 miles from Phila. Booklet. MOLLIE WOODS HARE, Principal Langhorne, Pa. Box 181

THE SARGENT SCHOOL for Physical Education Established 1881 Booklet on request D. A. SARGENT L. W. SARGENT Cambridge 38, Mass.

THE REAL ESTATE MART



Greenwich
The Magnificent

ESTATES-COTTAGES-FARMS
For Sale and Rent

LAURENCE TIMMONS
30 W. PUTNAM AVE. GREENWICH CONN.
I Know Greenwich—Write for my List.

The London Season

Charmingly furnished service flat available for London season. Sitting room, double bedroom and bathroom. Meals served in the flat if desired. Elevator. Ten guineas per week.

Mrs. Ross, 207 Piccadilly, London
Reference can be made to Mrs. A. C. Burnham, 103 East 84th St., N. Y. C.

CITY AND
COUNTRY PROPERTIES
HAMILTON, ISELIN & CO.
REAL ESTATE BROKERS
10 East 47th St. Murray Hill 3240

BOONTON and MOUNTAIN LAKES
Homes—Country Estates and Farms
MORRIS COUNTY PROPERTIES

GEORGE W. MORSE
Boonton REALTOR New Jersey

FOR SALE White Mountains, N. H.
Unusually Attractive Bungalow camp. Completely furnished. On 10 acre point of woodland, on six mile lake. Living-room 20 x 30. Large open fireplace; bedrooms; spacious sleeping and dining porches, screened. Lake and mountain views including Mt. Washington. Boat-house, 3 boats; fishing, bathing, wood-shed, ice-house filled. 25 minutes to village. Absolutely private. Details and photos on request. Price **\$6,000**. P. O. Box 22 Center Conway, N. H.

SHORT HILLS

In the New Jersey hills where the delights of the country are combined with the conveniences of the city.

Homes and Building Plots
FREDERICK P. CRAIG
Real Estate Broker Short Hills, N. J.

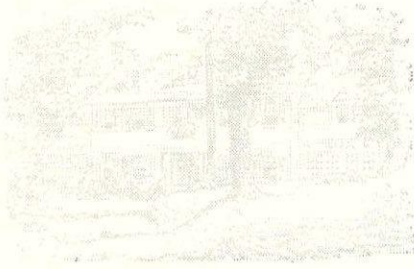


Homes and property
Ask for exclusive listings

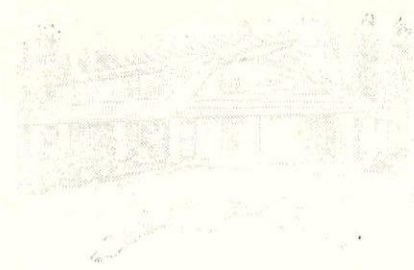
RAYMOND B. THOMPSON
Smith Building Tel. 866 Greenwich
GREENWICH, CONN.

NORTH SHORE. LONG ISLAND

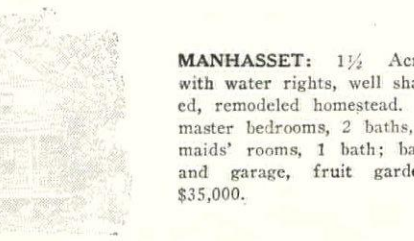
GREAT NECK: New England Colonial residence, 1½ acres, beautiful shade trees. 5 master and 3 maids' bedrooms, 5 tiled baths, dressing room, sleeping porch, unusual living room, dining room, solarium, breakfast room, tiled kitchen, maids' dining room, butler's pantry, laundry; garage for 2 cars. For sale at the reduced price of \$70,000.



PLANDOME: 3½ Acres, 180 ft. excellent water front, immense old trees, beautiful shrubbery. Residence, 4 master bedrooms, 3 baths, cottage with maids' quarters; 4 car garage with apartment, garden, fruit. \$100,000.



GREAT NECK: 8 Acres, commanding view, 400 ft. water front, steel and concrete pier. Beautiful home, 5 master bedrooms, 3 baths, 6 maids' rooms, 1 bath, cottage, barn, stabling, 4 car garage and apartment; formal and kitchen gardens. \$135,000.



MANHASSET: 1½ Acres with water rights, well shaded, remodeled homestead. 4 master bedrooms, 2 baths, 2 maids' rooms, 1 bath; barn and garage, fruit garden. \$35,000.

OFFERED FOR SALE AND HIGHLY RECOMMENDED BY

BAKER CROWELL, INC.

47 WEST 34TH STREET, COR. BROADWAY
NEW YORK CITY

TELEPHONES
FITZROY 0038
GREAT NECK 496

16 MIDDLE NECK ROAD
GREAT NECK, L. I.

Attractive Summer Home For Sale

Situated South hills in beautiful Chester Valley, ideal sanitary and drainage conditions, house brick, hollow tile stucco tile roof, six bed rooms, two bath rooms, living room, dining room, den, pantry, and kitchen, sun parlor, all conveniences, electric, two story three car garage, artesian well both electric and gas pumps, seven acres, orchards, gardens, beautiful lawn half open with greens, shrubbery, half natural shade oaks, hickorys, etc., chicken house with complete outfit, possession to suit, great future for investment feature, inspection invited

\$40,000.00 Cash

Fred E. Moore
Box 782 Coatesville, Penna.

JOAN COVEY
LONG ISLAND PROPERTIES
COMFORTABLE HOMES CHOICE ACREAGE
SELECTED RENTALS
GREAT NECK, L. I. PHONE 612

"The ORANGES to MORRISTOWN"

Choose homes, many large and medium sized places. Every facility for showing them from our ORANGE OFFICE.

EDWD. P. HAMILTON & Co.
Real Estate Brokers since 1868
149 Broadway, N. Y. and Opp. Sta., Orange, N. J.

LADD & NICHOLS, Inc.

Real Estate Brokers

9 E. 46th St., N. Y. Vanderbilt 1193

NEW ROCHELLE

Country Homes — Shore Residences
choicest offerings

O'CONNOR Real Estate AGENCY
251 Huguenot St. New Rochelle, N. Y.
Telephones 594 & 133

SUMMIT, N. J.

And the Country Nearby
Exceptional Homes—Farms and Country Estates.

Eugene Jobs-H. F. Beck Co.
REAL ESTATE BROKERS
Lackawanna Station Summit, N. J.

Let Us Show You Greenwich

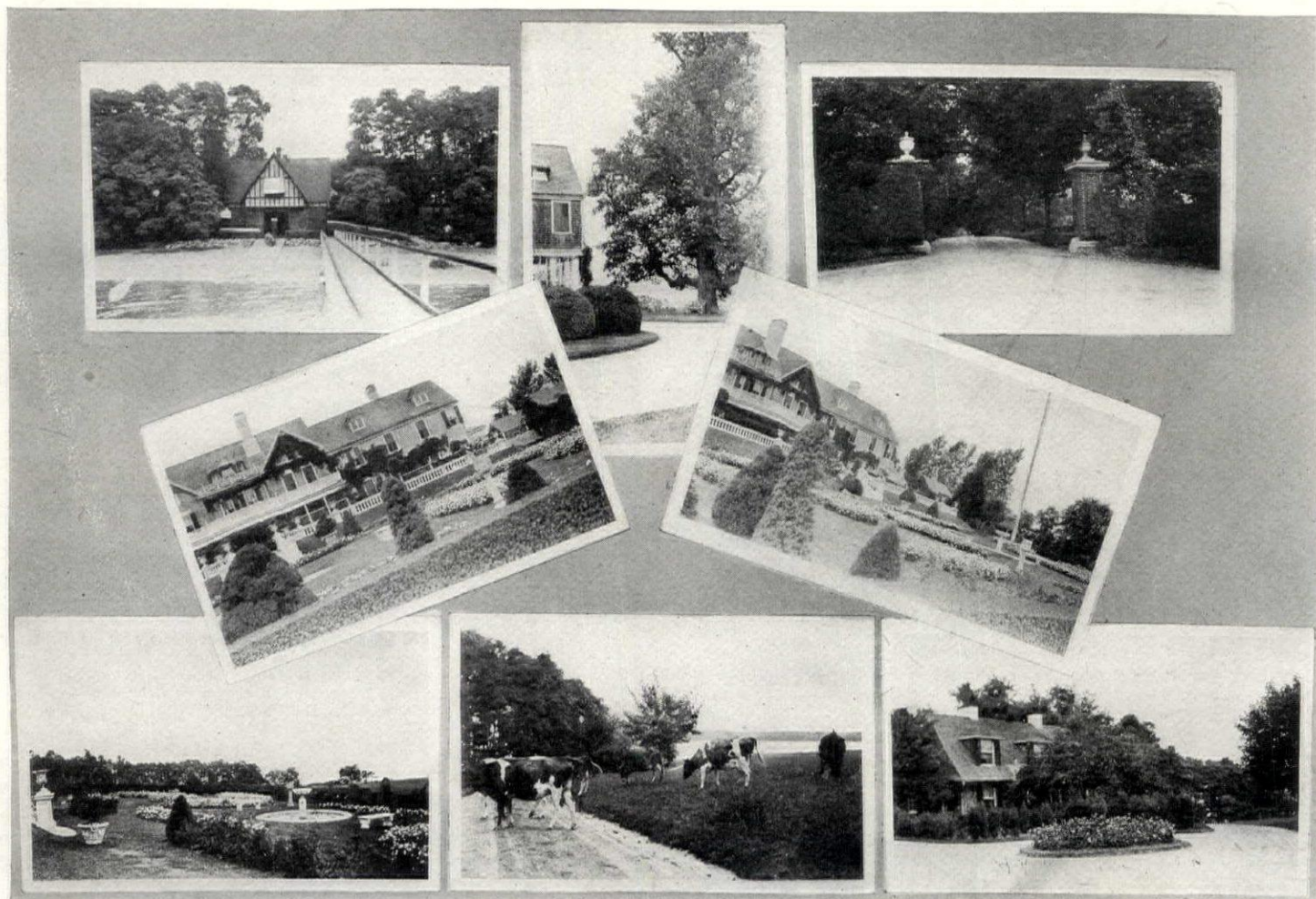
Greenwich has Two Country Clubs,
Two Tennis Clubs, Two Yacht Clubs,
Riding and Polo Club.

E. P. HATCH, INC.
Greenwich, Conn. Tel. 1022 1023



Miller Bldg. Post Road
Tel. Greenwich 2023

THE REAL ESTATE MART

Colgate Hoyt Estate***Centre Island, Oyster Bay***

FOR sale or lease furnished—about 175 acres high rolling land, fully improved. Extensive view of Long Island Sound. About 1 1/2 miles shore frontage on Sound and Oyster Bay Harbor. Choicest available water-front property on Long Island. Can be purchased for value of land only. Beautiful grounds, boathouse, garage, stables, greenhouse and farm buildings.

***Estate of Colgate Hoyt***

14 Wall Street, New York, or to any Real Estate Agent

THE REAL ESTATE MART

NEW ROCHELLE

Unobstructed View of Sound
With Ninety Feet of Shore Front

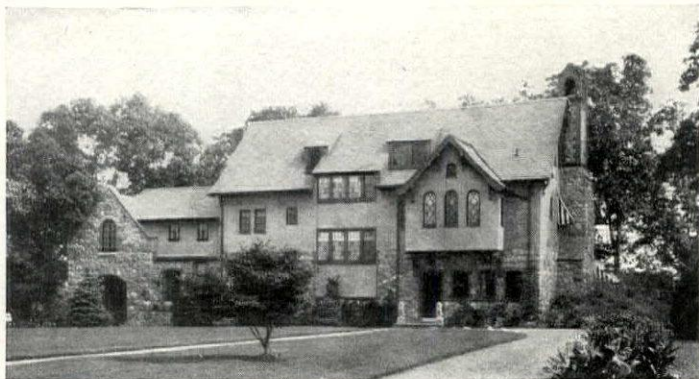


In restricted private Park with private bathing and boating privileges. Most attractive house, constructed of brick over hollow tile; in perfect condition, contains on first floor entrance hall, living room, dining room, pantry and kitchen; 6 master rooms, 4 baths on second floor; two servants' rooms and bath on third floor. Hot water heat, gas and electricity. Two car garage. Tennis court. Apply N-1267.

Fish & Marvins 527 Fifth Avenue, New York
Telephone, Murray Hill 6526

A Beautiful Residence at an Inviting Price
OVERLOOKING THE SOUND
AT NEW ROCHELLE

The most beautiful and accessible suburb of New York City.
37 minutes from Grand Central.



About one acre of landscaped grounds in finest residential section, with fine old trees and ornamental shrubbery. The house was built 4 years ago, the foundation being blasted from solid rock. It is of 16th century English architecture; the construction of stone, brick and stucco is one of the finest pieces of work in Westchester County, the masonry being laid in the Roman mosaic style.

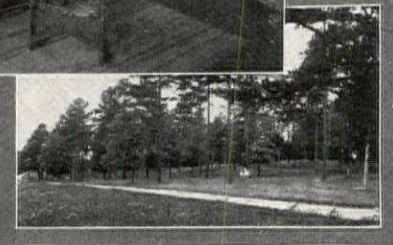
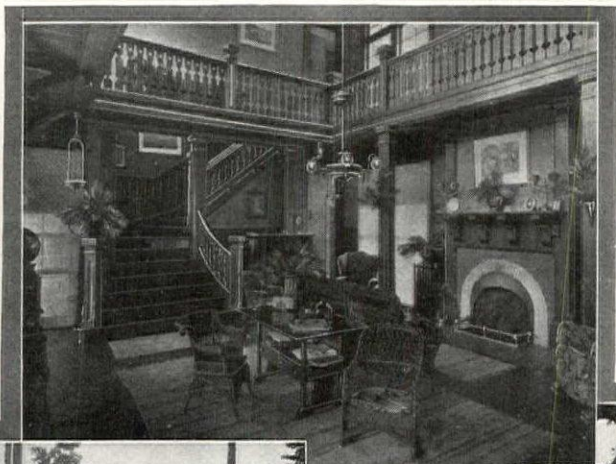
The first floor contains combination living room and dining room, 20 x 50, with vaulted ornamented ceiling, sun parlor, breakfast room and service rooms; the second floor, 4 master bedrooms, boudoir, 2 tiled baths, 3 servants' rooms and bath, roof garden; the third floor, a study, large billiard room and bath room with shower.

The house has leaded diamond-paned windows, doors of solid timber, slate roof, copper gutters and leaders, Broomwell system of vapor heat, Pittsburgh hot water heater. 2-car fire-proof garage.

Can be bought at a most tempting figure as owner is moving to Cleveland.
Apply N-1113.

Fish & Marvins 527 Fifth Avenue, New York
Telephone: Murray Hill 6526

BEAUTIFUL VIRGINIA COUNTRY PLACE



Scene in Hall 22' x 30', Double Pitch.
View of House, Scene on 14 Acre Shaded Lawn

PINIFER PARK A beautiful country place of 219 acres, situated 10 miles from Richmond, a city of unusual social, educational, historical and commercial advantages. Portion in cultivation in excellent condition. Considerable timber. Excellent water. Elevation high, overlooking James River Valley and uplands beyond. Connected with Richmond by good auto road and Southern Railway. Full information upon request. Correspondence with realtors invited. Address owner,—

E. C. LAIRD, Box 1515, RICHMOND, VA.

NORTH SHORE LONG ISLAND

GREAT NECK

\$22,000. Colonial frame. 3 bedrooms, 1 bath. 4 additional bedrooms, 2 baths can be finished off. Garage.

\$25,000. 2½ acres. Frame. 4 bedrooms, 1 bath. 2 bedrooms, 1 bath can be finished off. Garage with quarters.

\$30,000. Stucco & Hollow tile. 5 bedrooms, 2 baths. Garage.

\$39,000. English stucco. 6 bedrooms, 3 baths. Garage. Use of beach.

\$45,000. Stucco & hollow tile. 7 bedrooms, 3 baths. Garage. Water front privileges.

\$75,000. 2 acres. 10 bedrooms, 5 baths. Garage. 5 rooms, 1 bath. Use of bathing beach.

Water front on Long Island Sound 6½ acres. \$65,000.

MANHASSET

\$40,000. Water front. 7 bedrooms, 3 baths. Garage.

PLANDOME

\$20,000. Frame. 4 bedrooms, 2 baths. Garage.

\$37,500. Hollow tile & stucco, tile roof. 7 bedrooms, 3 baths. Garage.

PORT WASHINGTON

\$20,000. Frame. 4 bedrooms, 2 baths. Garage.

\$27,000. Brick. 4 bedrooms, 2 baths. Garage.

ROSLYN

\$22,000. New Colonial frame. 8 rooms, 2 baths. Garage.

\$35,000. 2 acres. Remodeled Colonial farmhouse. 6 bedrooms, 3 baths. 3 car garage.

\$36,000. ¼ Acre. Colonial frame. 8 bedrooms, 4 baths. Garage.

GLEN COVE

\$20,000. 1 acre. Colonial frame. 5 bedrooms, 3 baths. Garage.

OYSTER BAY

\$25,000. 4 acres. Remodeled Colonial farmhouse. 6 bedrooms, 3 baths. Garage.

WARREN MURDOCK

522 Fifth Ave., N. Y.

Vanderbilt 6940

THE REAL ESTATE MART



Harmon on Hudson, New York

All year modern house, five master rooms—Garage with chauffeur's quarters—Cottage with seven rooms—90 acres. Beautiful views in all directions—Reasonable price, easy terms.

Amityville, L. I.

Particularly desirable private waterfront: modern eight room house, including four master rooms, sleeping porch and two baths. All hard wood floors—Garage—Price \$17,500.



Albert B. Ashforth, Inc.

Department of Country Properties

12 East 44th St.

Tel. 1100 Murray Hill

Associates Stephen H. Ting, Jr. & Co., Inc.

GARDEN CITY

Colonial house, about 7 years old, containing 4 master bedrooms, 2 tiled baths, 2 servants' rooms and bath. Large living room with open porch, dining room with enclosed breakfast porch; entire house tastefully decorated. Hot water heat. House could not be built for \$25,000. Corner plot about 1/3 acres, artistically landscaped. Conservative value \$5,000. Property can be purchased for less than cost of house.

CLARK, CHRIST & McKELLAR, Inc.

1 W. 34th St., N. Y. C.
Fitzroy 0182

Other properties from \$15,000, up.

Mineola, L. I.
Garden City 1259

For Sale or For Rent—Quogue, L. I.

Situated on Shinnecock Bay; large furnished Summer home; 4 acres, large stable or garage and boat house. House has living room, den, dining room, kitchen and laundry and veranda along three sides. Second floor: Six master bedrooms with running water in each and two baths. Property first class order. Also for sale.

A. D. Childs 'Phone 213 Englewood

FIRST AID TO THE HOMELESS

That eternal question:—Where shall I live? What sort of a house shall I decide to buy? Who has the house I WANT?

Let us make house hunting a joy—that's what we try to do. We are in constant touch with Real Estate brokers who specialize in selected sections throughout the country—men who can find you the kind of property you want if it is obtainable or who can sell your property if you wish to dispose of it.

REAL ESTATE MART

HOUSE & GARDEN, 19 W. 44th St., New York

Ask us anything about travel

The Nast International Travel Bureau is in charge of a man whose entire business life has been planning trips and arranging big and little details for travelers. He has arranged travel matters for pretty nearly every part of the world.

His office contains all the records and timetables and folders that will facilitate getting the answers to even the most unusual questions. He is in constant touch with all the railroad and steamship lines and with the leading hotels here and abroad. He and his assistants render an unusual and individualized service for every reader of the Condé Nast Publications.

For example, here are some of the things the Travel Bureau will gladly do for you:

Furnishing Travel Literature: If you're interested in any particular trip, or locality, in this country or abroad, ask us to send you some of the delightfully interesting literature which we have on file waiting for you. Don't wait until the last minute; get these in plenty of time to study them over, and make comfortable plans and arrangements.

Planning Itineraries: Tell us where and when you plan to go, and for how long, and about how much you plan to spend on the trip. We will suggest an itinerary accommodated to your time and purse; we'll help you make and get the utmost out of both.

Reservations: At your request we will make reservations for you on railroad and steamship lines, whether separately or for a round-the-world tour; and at the hotels and resorts enroute, or where you plan to stay for the season.

Bookings: You can remit to us for accommodations desired, and we will make the bookings, buying and sending to you the tickets, receipts, etc., ordered.

Travelers' Checks or Letters of Credit: We will tell

you how and where to purchase the safest and most convenient forms in which to carry money.

Introductions: We will furnish you with cards of introduction, to be presented to the manager of the hotel where you elect to stay, assuring you of special courtesy and attention at any of the many places to which we send a considerable quota of guests every year.

Insurance: We will recommend or arrange insurance against personal accident or loss of baggage.

Personal Consultation: Personal interviews can be had with the director of the Travel Bureau when you are in New York. You can telephone, telegraph or write freely for any information or advice which will facilitate your fullest possible enjoyment of the many opportunities offered by modern travel.

Service in Paris: Travelers expecting to be in Paris should avail themselves of the many courtesies and services of our office at 2 rue Edouard VII. Further information will be supplied by the New York office.

There is no charge or obligation of any kind for any of the service rendered by our Travel Bureau. The department is maintained as a part of our policy of offering our readers authoritative information and cooperation on all subjects of interest to them.

Condé Nast Travel Bureau

25 West 44th Street

New York City

THE CONDÉ NAST TRAVEL BUREAU

Leading Hotels

NEW YORK
AND BOSTON



We shall be pleased to
send illustrated booklet
on request

NEW YORK

Hotel St. James

109-113 West 45th St., New York City
Times Square
Midway between Fifth Ave. and Broadway

An hotel of quiet dignity, having the atmosphere and appointments of a well-conducted home. Much favored by women traveling without escort. 3 minutes walk to 49 theatres and all best shops.

Rate and booklet on application
W. JOHNSON QUINN

HOTEL HARGRAVE

West 72nd St., through to 71st St., New York
300 rooms, each with bath. Absolutely fireproof. One block to 72nd St. entrance of Central Park. Comfort and refinement combined with moderate rates. Send for illustrated booklet.

"Half a Square from Herald Square"
HOTEL COLLINGWOOD

45 West 35th Street New York City

SETH H. MOSELEY

Select accommodations for
discriminating people

European Plan \$2.50 up

THE NASSAU

LONG BEACH, LONG ISLAND
Restaurant and Dancing
Heated Garage Open All Year

Forest Hills Inn

American Plan Hotel. Open all year.
15 mins. from Penn. Sta. Accommodations for 400.
GEORGE J. BERMBACH, Mgr.
Tel. Boulevard 6290

NEW ENGLAND

Summit Spring Hotel

Harrison, Maine

A hotel with the atmosphere and charm of a cultured home. Superior table from own farm and dairy.

Mrs. Don C. Seitz

239 Hancock St. Brooklyn, N. Y.



The
BELLEVUE-STRATFORD
Philadelphia Pa

A GREAT hotel conducted with one purpose; to serve surpassingly well.

The Bellevue-Stratford is pleased when you arrive and shows it by making every hour of your stay pleasant.

Attention to your preferences; prompt fulfillment of requests; satisfying comfort and good service in your private apartments. Life and entertainment, when you seek it, in the public rooms. Food that is always excellent—and everywhere luxuries that only a hotel such as The Bellevue can furnish. A visit to Philadelphia suggests only one hotel.

The Bellevue-Stratford
Broad and Walnut Streets, Philadelphia, Pa.
James P. A. O'Conor, Managing Director



The Waldorf-Astoria, New York—

The aristocrat of hotels. More famous people stop at the Waldorf than any other hotel in America. Roy Carruthers, Managing Director

The New Willard, Washington, D. C.—

A step from the Executive Center, a rendezvous for officials, diplomats and society leaders—the meeting place of notables from all over the world.

Frank S. Hight, Managing Director

Under the Direction of L. M. Boomer

NEW ENGLAND

HOTEL VENDOME
Commonwealth Ave. Boston
at Dartmouth Street

Preferred by a
Discriminating Clientele

because of its unusual individuality, the superiority of its location, and the maintenance by the management of traditional standards of excellency. Quickly accessible to Boston's attractions.

C. H. GREENLEAF CO., Props.
Everett B. Rich, Managing Director
Franklin K. Pierce, Associate Mgr.
Send for Illustrated Booklet

The LENOX The BRUNSWICK
BOSTON
On Either Side of Copley Sq.

ATLANTIC CITY
THE SHELburnE
Directly on the Beach
New Addition open July 1st. Accommodations for 500. European plan exclusively.
Phone, Atlantic City 1628

The **TRAYMORE** ATLANTIC CITY
World's Greatest Hotel Success
Supreme in Luxurious Comfort and Perfect Service

WASHINGTON, D. C.
The NEW WILLARD
Washington, D. C.
It is a thoroughly enjoyable hotel, refined and efficiently managed.
Frank S. Hight, Managing Director

SOUTH CAROLINA
The HOMESTEAD
Christian S. Andersen, Resident Mgr.
Hot Springs Virginia
The famous health & pleasure resort

CANADA
Greater Chateau Frontenac
Atop Old Quebec, Canada
1620-Chateau Louis
1892-Chateau Frontenac
1923- Opening of
GREATER CHATEAU FRONTENAC

Clark's 20th Cruise, June 27, 1923
TO THE MEDITERRANEAN
And Europe, by Specially Chartered White Star S.S.
"BALTIC" 23,884 tons
61 day cruise, \$600 upward, including Hotels, Drives Guides, etc. Personally accompanied and managed by F. C. Clark. Rome, Athens, Spain visits specially featured, 11 days. Paris and London \$100. UNIVERSITY-EXTENSION and other good tours to Europe under escort; \$450 up.
Frank C. Clark, Times Bldg., N. Y.

THE CONDÉ NAST TRAVEL BUREAU

The
"Empress"
Route



to the **Orient**

Quickest Route Across the Pacific

HAVE you seen Fujiyama, hanging like a white silk fan, upside down in the blue air? Do you know the copper-goldflecked temple roofs of Nikko—and the reddest Bridge in the world? Have you seen a geisha dance, and a Japanese wrestling match, and a butterfly baby with another on its back?

HAVE you climbed the Diamond Mountains of Korea? And visited the Thieves' Market in Peking? And the blue Temple of Heaven—and the marvelous yellow palaces beside the lotus ponds, where the Empress Dowager lived—and the Great Wall that crawls two thousand miles, from Tibet to the sea?

YOU DON'T KNOW WHAT THE WORLD IS UNLESS YOU'VE SEEN THE EAST!

JAPAN—10 days CHINA—14 days

Fortnightly service from Vancouver via Victoria, B. C.

Empress of Canada . . . 33,000 tons displacement Empress of Russia . . . 25,000 tons displacement
Empress of Australia . . . 33,000 tons displacement Empress of Asia 25,000 tons displacement

Largest, finest, fastest steamers to the Far East

For rates and full information ask the

Canadian Pacific

IT SPANS THE WORLD

General Agents at

Atlanta, Ga. 49 No. Forsyth St.
Boston, Mass. 405 Boylston St.
Buffalo, N. Y. 160 Pearl St.
Chicago, Ill. 40 No. Dearborn St.
Cincinnati, O. 430 Walnut St.
Cleveland, O. 1040 Prospect Ave.

Detroit, Mich. 1239 Griswold St.
Duluth, Mich. Sov. Line Depot
Kansas City, Mo. 601 Ry. Express Bldg.
Los Angeles, Cal. 605 So. Spring St.
Minneapolis, Minn. 611 Second Ave., So.
Montreal, Can. 141 St. James St.

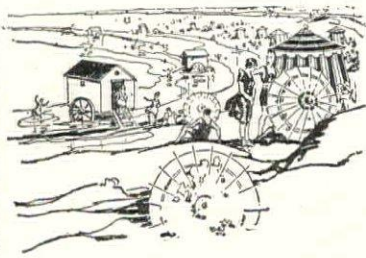
New York, N. Y. Madison Ave. at 44th St.
Philadelphia, Pa. Locust at 15th St.
Pittsburgh, Pa. 340 Sixth Ave.
Portland, Ore. 55 Third St.
San Francisco, Cal. 675 Market St.
Seattle, Wash. 608 Second Ave.

St. Louis, Mo. 420 Locust St.
Toronto, Ont. 1 King St., East
Vancouver, B. C. C. P. R. Station
Washington, D. C. 1419 New York Ave.
Winnipeg, Man. Portage & Main St.

CANADIAN PACIFIC OFFICES ALL OVER THE WORLD



THE CONDÉ NAST TRAVEL BUREAU



Plan your European Trip for Midsummer

IF you are going to Europe this year plan *now* to go in late July, in August or September. The season is beautiful; the tourist rush is over; prices are lower; the days at sea are clear, temperate and delightful.

Send the information blank below and let your Government help you with your plans. Learn about the swift, luxurious U. S. Government ships, operated by the United States Lines. They offer a passage for every purse; accommodations for every taste; and they are among the finest ships afloat.

The first class ships are:

**George Washington
President Harding
President Roosevelt**

In addition one of the five famous "cabin ships" sails from New York each Wednesday.

Write today for—

A booklet of suggested tours costing \$495 and up, including steamship fare; a list of the chief events in Europe in Summer; your Government's handsomely illustrated booklet showing photographs of interiors of Government ships; full information about the United States Lines service. There is no obligation.

INFORMATION BLANK
To U. S. Shipping Board
Information Section Washington, D.C.
E. C. S. S. 1425

Please send without obligation the literature described above. I am considering a trip to Europe , to the Orient , to South America .

Name _____

Occupation _____

Address _____

Town _____ State _____

For information in regard to sailings, address

United States Lines

45 Broadway New York City

Agencies in Principal Cities

Managing Operators for

U. S. SHIPPING BOARD

Get the Facts about Travel Costs



BEFORE formulating your summer vacation plans investigate the cost of crossing to Europe on one of our 14 delightful cabin steamers. On these cabin ships you obtain the best accommodations at extremely moderate rates, with excellent service and all the delights of a sea voyage.

These ships, with our famous de luxe liners—*Olympic, Homeric, Belgenland, Lapland*, and the world's largest ship *Majestic*—offer five sailings a week to England via Southampton, Liverpool and Plymouth; three to France via Cherbourg; and one each to Ireland, Belgium and Germany.

Here is complete ocean service at your price.

Whatever your requirements, we can meet them.
Call or inquire for details.

WHITE STAR LINE
AMERICAN LINE RED STAR LINE
INTERNATIONAL MERCANTILE MARINE COMPANY

No. 1 Broadway, New York

Delightful Cabin Steamers

NEW YORK to BREMEN
via Cherbourg—Southampton
Pittsburgh Canopic

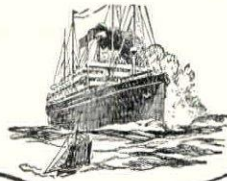
NEW YORK to HAMBURG
via Plymouth—Cherbourg
Kronland Finland
Manchuria Mongolia

NEW YORK to ANTWERP
via Plymouth—Cherbourg
St. Paul Zeeland

BOSTON to LIVERPOOL
Winifredian Cretic

PHILA. to LIVERPOOL
via Cobh (Queenstown)
Haverford

MONTREAL to LIVERP'L
Doric Canada Regina



Taking Children Abroad

"WE had planned to go abroad in May for the summer", wrote one of our readers recently, "but since the children's Aunt Ellen cannot be with them I don't know what we shall do. We can't drag those poor infants all over Europe! Can you suggest anything?" We could. And we did. She sails this month and will leave her children in the charge of a delightful Frenchwoman of our acquaintance.

What to do with the children during the summer months that you are planning to spend abroad has often been a problem. Children at Biarritz, Deauville, or Calais are rather unhappily placed in the midst of the gayety, yet the culture and knowledge that the young girl or boy permitted to see something of the world at an early age acquires, is a point not to be ignored.

If you wish to know more about residences for children, or if you wish to arrange for a home for yourself on the continent; in fact, if you wish anything to be done for you, write to the Condé Nast Paris Information Bureau. They can serve you in many ways, if you will consult them.

Condé Nast Paris Information Service
Numero Deux, Rue Edouard VII, Paris, France

A week—or more—in Yellowstone Park

"Go In Gardiner, Out Cody"

Another week or more in Colorado! Can you imagine a more wonderful vacation,

The motor-trip through Yellowstone Park can be made in 4½ days, but some people remain a month. The cool, pine-laden air, the fishing, the extraordinarily varied scenery, the delightful social life—these are attractions which draw tens of thousands annually. The standard Park tour costs \$54 if you stay at the hotels; \$45, at the camps.

And Colorado—is as satisfying, as Yellowstone Park. Rocky Mountain (Estes) Park is a summer paradise. So is Colorado Springs, nestling at the foot of Pike's Peak.

Low Summer Rates

of the Northern Pacific make it possible for thousands to visit Yellowstone Park, who otherwise might feel that the trip is too expensive

I want to send you our Yellowstone Park book and tell you about a real vacation.

Northern Pacific train service—there's nothing better ANYWHERE.

A. B. Smith, Pass. Traffic Manager
946 Northern Pacific Building
St. Paul, Minn.

Northern Pacific Ry.

"2000 Miles of Startling Beauty"

58



Why worry about your baggage?

EVERY season tourist baggage is exposed to many hazards. Are you prepared for possible loss? Your baggage is valuable. Insure it. A short trip is as great a risk as a long tour. Always insure.

A North America Tourist Baggage Policy will relieve you of countless worries when traveling and protect you from financial loss if your baggage (or any part of its contents) is damaged or lost.

Insurance Company of North America

PHILADELPHIA

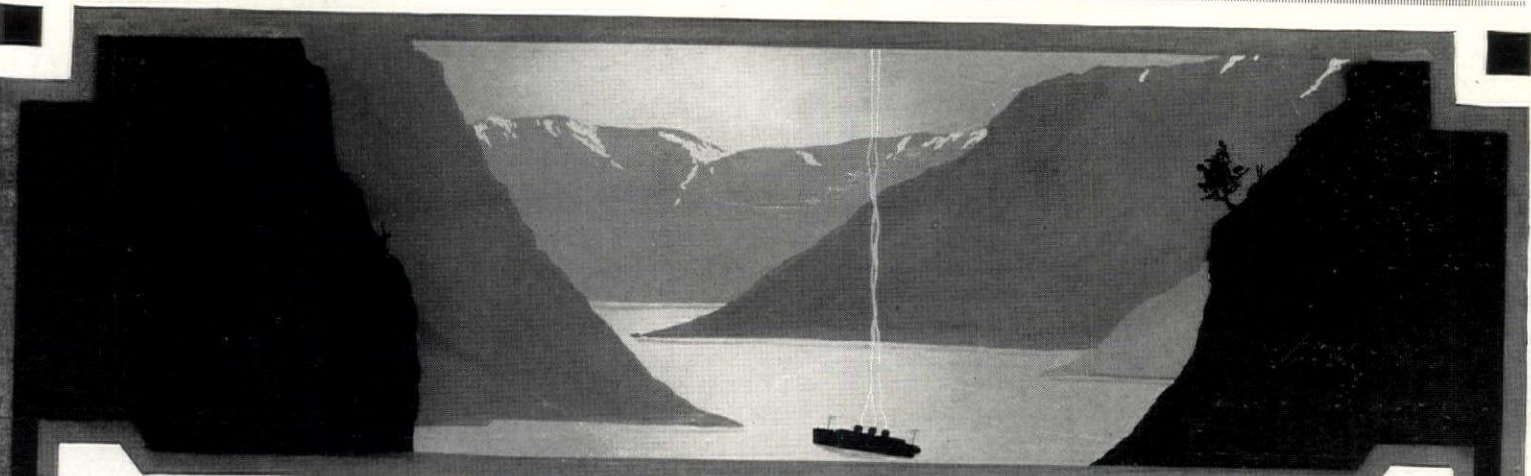
"The Oldest American Fire and Marine Insurance Company"

Founded 1792



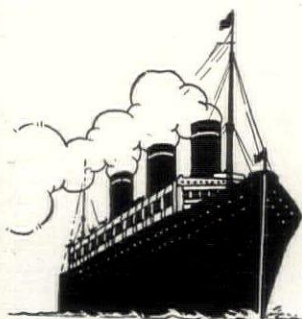
Pin this coupon to your letterhead
Insurance Company of North America,
Philadelphia, Pa., Dept. E.H.
Name
Street
City State.....
Wants information on Tour Baggage Insurance.

THE CONDÉ NAST TRAVEL BUREAU



Cruising Viking Seas en Route to Europe

Visiting Iceland, the North Cape and Norway



As a delightful Summer Voyage, the annual Raymond-Whitcomb North Cape Cruise is truly ideal. Leaving New York, June 23, on the luxurious S. S. "Araguaya," just as the hot summer season

is commencing at home, you sail comfortably northward—prolonging the charm of Springtime—to the romantic lands of the Vikings.

The distinctive attractions of this year's Cruise include among others, Iceland, the great North Cape, the wondrous "Midnight Sun," the majestic Fjords of Norway, the vast Jostedalsbrae Glacier, Loen and Olden on the beautiful Nord Fjord, and Gothen-

burg with its brilliant Tercentennial Jubilee Exhibition.

As a New Way to Europe it transforms the crossing into a charming voyage replete with unanticipated pleasures. In addition, the strictly limited and carefully chosen membership assures you comfortable travel at the height of the popular season on an uncrowded (exclusively chartered) liner-yacht with the sort of people you like to have for associates. After four weeks of delightful cruising in the Northland, you have two ideal months for travel in the British Isles or on the Continent, if you wish, before returning to invigorating Autumn days in America.



Europe Tours

Our long experience as travel specialists for discriminating Americans combined with our knowledge of present-day conditions has produced for you a variety of "Best in Travel" Tours which have never been exceeded in worth-while interest. In various combinations the 1923 Tours visit France, Italy, Spain, Switzerland, Holland, Belgium and the British Isles. Departures May 1, 5, 15, 19, 29; June 2, 5, 9, 12, 16, 23, 26, 30; July 7, 10, 21, 24; Aug. 4. Complete information in our Europe Booklet.

Round-the-World Cruise

From New York, Jan. 19, 1924. S. S. "Resolute." Sailing eastbound visiting the Mediterranean, India, Java, the Philippines, China, Japan, Hawaii, Panama Canal.

Mediterranean Cruise

From New York, Feb. 9, 1924. S. S. "Reliance." Visiting Madeira, Spain, Gibraltar, Algiers, Nice, Corsica, Naples, Tunis, Athens, Constantinople, the Holy Land, Egypt, Jugo-Slavia and Venice.

THE BEST IN TRAVEL

Raymond and Whitcomb Company

New York
225 Fifth
Avenue

Philadelphia
1338 Walnut
Street

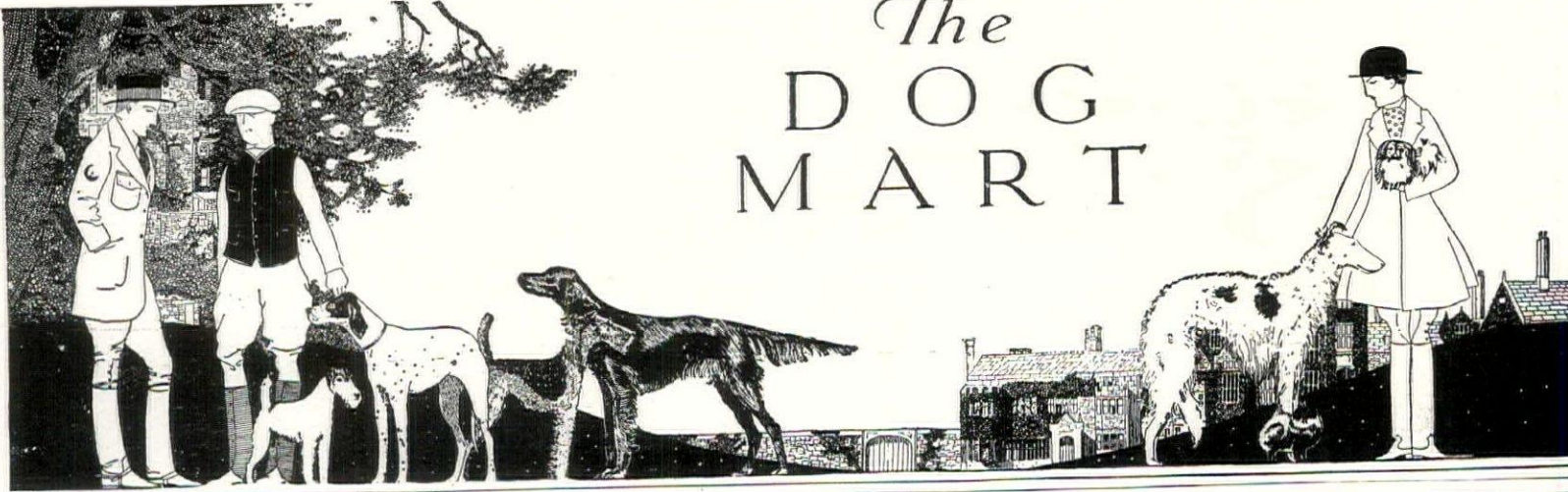
Chicago
112 So. Dearborn
Street

San Francisco
657 Market
Street

Los Angeles
515 Title Ins.
Building

Executive Offices: 22 Beacon St., Boston

The DOG MART



Police Puppies

WE HAVE a few police puppies that are husky playfellows with the energy and look of wolves. They are lovable, mischievous little rascals that are alert and looking for someone to play with. Whoever becomes their happy owner will find this love for play will turn into a love and devotion to their master. They will always be ready to lay down their lives for yours.

The mothers of these puppies arrived at our kennels from Europe just before the puppies were born. Their sire, a dog that has won the highest honor in dogdom, is still in "the Old Country." Their mothers are also out of Champions of WORLD RENOWN. No better bred puppies live.

We want our puppies to have a nice home, so if you don't like your puppy when you get him, send him back and we will gladly refund your money.

CARNEGEY FARM KENNELS
410 Hayes Bldg., Kansas City, Mo.
Breeding Kennels Belton, Missouri

A Friend and Playmate

Shomont White Collies Love Kiddies
This one quality alone makes our Scotch Collies rare bargains. They're gentle, fearless, devoted. Have every quality a dog should have—intelligence, courage, strength. Fine shepherds, unsurpassed as watchdogs. Indefatigable enemies of vermin. They are the "Aces" of all dog-dom. Satisfaction guaranteed. Pairs not akin. Get our special bargain lists now.

SHOMONT KENNELS
Box 103, Monticello, Iowa

IMPORTED POLICE DOG For Your Protection


Carefully selected, large boned male of refined type. Excellent conformation, sound, true to type. Breeding representation of Germany, Holland and Austrian champion Police dogs showing beauty, strength and character.

Ideal companion and protector for Country Estate, City Residence or Car. Must be seen to be appreciated. Special price \$300. Full particulars and breeding upon request.

"BRAEHEAD KENNELS" Lorin Gourlay
McLaren
Boston Post Road, Westerly, R. I.

Free Dog Book

by noted specialist. Tells how to **FEED AND TRAIN** your dog **KEEP HIM HEALTHY** and **CURE DOG DISEASES.** How to put dog in condition, kill fleas, cure scratching, mange, distemper. Gives twenty-five famous



Q-W DOG REMEDIES
and 150 illustrations of dog leads, training collars, harness, stripping combs, dog houses, etc. Mailed free.

Q-W LABORATORIES
Dept. 3 Bound Brook, New Jersey



Waving Willows Chows

We Breed Only the Best from the Best
Offer some exceptional puppies for disposal.
Many champions in pedigree.
For particulars address

MAUDE M. THOMPSON

Grand Avenue South Englewood, N. J.

Telephone Englewood 1350

The Blue Grass Farm Kennels Box P, Berry, Ky.

offer for sale
Setters and Pointers, Fox and Cat Hounds, Wolf and Deer Hounds, Coon and Opossum Hounds, Varmint and Rabbit Hounds, Bear and Lion Hounds, also Airedale Terriers. Catalogue ten cents.

Inverbrae Kennels Airedales Bethayres, Pa.

Puppies and grown stock, registered, on hand. Reasonably priced considering quality. Young stud dog for sale.

Police (Shepherd) Dogs



Police (Shepherd) Dogs

Puppies—Fine Litters, big boned, farm grown, full blooded pedigree. Aged 8 weeks to 7 months. Color: Wolf Gray, Black and Tan

Established 1909
STONYACRES KENNELS
E. D. Mills, Owner Norwalk, Conn.

For Sale POLICE DOG PUPPIES

Sire: Champion Ali Altwuntenberg
Dam: Irene of Rexden Belcazara
Puppies born October 9th, 1922.
Healthy, big boned, farm raised pups.

BEAUCHEN KENNELS
Rifton, Ulster County, New York
John E. Beaufort, Owner

S S S S S S S S S S S S S S S S S



"Strong Heart" POLICE DOGS

"Character plus Appearance"

You can pay more but you can't get a better dog.

SUN BEAM FARM
STRONG HEART KENNELS
Easton Ave., New Brunswick, N. J.
S S S S S S S S S S S S S S S S S

SHEPHERD PUPPIES

FOR SALE.—SIRED BY:
INT'L CH. APOLLO VON HUNENSTEIN, out of Bilrud of Forkland.—The best of Elmview blood reasonably priced. Write for particulars and references.

Prof. C. J. Drapeau
Central High School, Scranton, Pa.



The Largest Choice of Highest Quality Imported Shepherd Dogs in the World is to be found at—
PROTECTION KENNELS
R.F.D. No. 1, Mamaroneck Ave. White Plains, N. Y.
Phone Mamaroneck 272-J.



PALISADE POLICE DOG
Assures your property. Guarantees the safety of your home and family. The finest "Pal" your boy can have.

Write today for Full Information
PALISADE KENNELS
Merrick Road, Rosedale, L. I.
Telephone Laurelton 2138
Just 40 minutes from Manhattan


POLICE DOGS

Shepherd (Police Dog) puppies of the best imported strains at reasonable prices. All our puppies are accustomed to being with children and they make splendid companions.

Some beautiful specimens ready now.
GREEN MEADOW KENNELS
WILLIAMSTOWN, MASS.

St. Bernards and NEWFOUNDLANDS
Best possible pets for children. Companions, also guards for the home. Faithful and affectionate. From best prize pedigreed strains.

WHITESTAR KENNELS
Long Branch, N. J.
Phone 855J

Shepherd Dog Puppies.
Teaneck Police Dog Kennels.
Teaneck, New Jersey.
Phone: Hackensack 1137 W.
Walnut Street & Teaneck Road

THE DOG MART AND POULTRY YARD



It Keeps Your Dogs Healthy

Feed them Osoko which has all the qualifications of a perfect diet for the year through. Recommended by foremost veterinarians and fed by leading kennels of the world.

Send for free sample and price list H. Manufactured by SPILLERS VICTORIA FOODS, Ltd. London, England

H. A. ROBINSON & CO.
Importers
128 Water St. New York City

KEEP YOUR DOG WELL

Sergeant's Condition Pills are a splendid tonic for weak, listless, ailing dogs and puppies. Build strength and health. 60c at dealers or from us by mail.

FREE DOG BOOK

A Medicine for Every Dog Ailment

Polk Miller's famous Dog Book, 64 pages, on care, feeding and training, also pedigree blank, ailment chart and Sen. Vest's celebrated "Tribute to a Dog." Write today for free copy. **POLK MILLER DRUG CO.**

Standard 40 Years
741 Governor St. Richmond, Va.

DOG BOOK FREE

Send today for my 32 page book telling of every known disease of dogs and how to cure them. How to keep your dog well—how to take care of him when sick. Yours for the asking. A post card gets it. Write today. Dept. 6305. **H. CLAY GLOVER, V. S.**
129 West 24th St. New York
H. CLAY GLOVER CO., Inc.
Proprietors Glover's Imperial Mange Medicine

BLACK FLAG Kills Fleas

Blow it into your dog's coat with a powder gun. It will prevent him from bringing fleas into the house and keep him comfortable and good-tempered; no dog can be safe if tormented by fleas. Non-poisonous; harmless to dogs and humans. Kills insects by inhalation. Fleas don't eat it—they breathe it, and die. In the red-and-yellow wrapper bearing the **BLACK FLAG** trademark. At all drug, grocery, department and hardware stores. Three sizes: 15c, 40c and 75c. Except west of Denver, Colorado and foreign countries. Or direct by mail on receipt of price. **BLACK FLAG, Baltimore, Md.**

FOR FLEAS & MANGE

This wonderful new kind of soap with its Healing, Stimulating Oils of the Pine Forests positively destroys fleas. It relieves many skin diseases, removes dog odors and improves the coat generally. Contains No Carbolic—Delightfully Fragrant
Used by A. S. P. C. A. of New York City
An exceptional Shampoo for the Human Head. Overcomes Dandruff, Falling Hair and Itching Scalp.
Handy Jars, 35c
Quart Can, \$1.00
The SANITAS CO., Inc.
33 Keap St., Brooklyn, N.Y.

SANITAS ANIMAL SOAP



PEKINGESE

LARGEST KENNEL IN AMERICA
Most Beautiful and Best Equipped
All ages and colors Chiefly "Sleeve Dogs" and Puppies Champion Bred
SOME AS LOW AS \$25
Satisfaction guaranteed Send for photographs and descriptions
MRS. H. A. BAXTER
GREAT NECK, L. I. Telephone Great Neck, 418
489 FIFTH AVENUE, New York Tel. Vanderbilt 1236

Importers & Breeders
POLICE and SAMOYEDE DOGS
The Samoyede: the faultless, biteless dog, with the human brain. Highly pedigreed puppies, eligible for registration, for sale at reasonable prices.
DOGS of all Breeds BOARDED
DONERNA KENNELS
Telephone Closter 104 Demarest, New Jersey

POLICE DOGS
Sturdy Northern stock with over thirty Champions in pedigree. Rappo von der Kriminalpolizei AKC 333026 SZ 72782 at stud.
VAN DEN NORDEN KENNELS
ASHLAND, WISCONSIN

HIGHNOON WHITE COLLIES
Type—Quality—Beauty
Bred from Imported and Championship strains.
P-U-P-P-I-E-S
Inquiries receive prompt attention.
Descriptive lists upon request.
THE HIGHNOON WHITE COLLIE KENNELS.
Reg.
1619 Glenwood Ave.
Youngstown, Ohio.

The Argent Kennels.
Breeders of the very best
POMERANIAN DOGS
and **PERSIAN KITTENS** Blue Ribbon Winners
Registered stock very strong & healthy.
Best Kitten in show D. B. Champion Northote House Concord, Staten Island, N. Y.
N. Y. 1923 Tel. 1281 Tompkinsville.

Puppy Dogs Tails
FREE BOOK on treatment and Care of Dogs (Including Puppies) Address: **Humphreys' Veterinary Remedies, 156 William Street, New York.**

SQUAB BOOK FREE
Squabs are selling at highest prices ever known. Greatest market for 20 years. Make money breeding them. Raised in one month. We ship everywhere our famous breeding stock and supplies. Established 22 years. For prices and full particulars see our big illustrated free book. Write today.
PLYMOUTH ROCKSQUAB CO.
602 H ST., MELROSE HIGHLANDS, MASS.



HODGSON PORTABLE HOUSES E. F. Hodgson Co., 71-73 Federal St. Boston, Mass. 6 E. 39th St., New York City
Dog Kennel No. 4 Poultry House for 200 hens—5 units No. 3 Poultry House for 30 hens
YOU CAN HAVE NOTHING BETTER. Poultry fanciers of international reputation prefer and use Hodgson Poultry Houses because they are superior in every way. They are properly ventilated and yet can be comfortably heated in the coldest weather.
Feeding, egg gathering, watering and cleaning can be accomplished far more easily where Hodgson Poultry Houses are in use. And they are practical and easy to erect. Send for catalog Y which will be mailed free.

"BUFFALO" Portable FENCING SYSTEM

"BUFFALO" PORTABLE FENCING SYSTEM is the result of more than half a century of experience in the manufacture of wire products, and for years has been in use at the largest kennels and finest country estates in America.
With the "BUFFALO" System you can build large or small, inexpensive enclosures for chickens, ducks, geese, dogs or other small animals or fowl. It is neat in appearance, and can be erected or shifted about easily and quickly without the use of clumsy or heavy tools. Its use prevents yards from becoming barren and unsightly, and it permits a separation of different breeds of chickens or puppies and of puppies from larger animals or their mothers.

PRICES (net per section)

7' long x 5' high.....	\$4.00
2' 6" wide x 5' high (gate)....	2.50
4' 6" long x 5' high.....	3.35
8' long x 2' high.....	2.50
6' long x 2' high.....	2.00

F. O. B. Buffalo, N. Y.
Initial orders for less than six sections are subject to an advance of 25c per section over the above prices. Immediate shipments from stock.
We also make FIRE SCREENS, VINE TRAINERS, TREE GUARDS, LAWN SETTEES, WINDOW GUARDS, etc. Information gladly furnished on request.
WRITE for booklet No. 75B which shows designs, sizes and prices. Mailed upon receipt of 6c postage.

BUFFALO WIRE WORKS CO., Inc. 475 Terrace, Buffalo, N. Y.
(Formerly Scheeler's Sons)

DELCREO

Trade Mark Reg. U. S. Pat. Office

DOG REMEDIES
The DELCREO DOG REMEDIES are used and recommended by the leading breeders and fanciers.
If you cannot obtain them from your dealer or druggist we will send them to you postpaid on receipt of price.
Delcreo
For Distemper, Black-tongue, Pneumonia, Diarrhea, etc. 4 oz. \$1.50, 16 oz. 5.75
Soluble Sulphur Compound
For Canker of the Ear, Eczema, Rheumatism and all Blood Disorders 4 oz. 1.00
Soluble Sulphur Capsules
A convenient form of the Sulphur Compound Box 1.00
Soluble Bath Sulphur
For Fleas, Mange, Eczema and all Skin Diseases 4 oz. 1.00, 16 oz. 3.00
Soluble Sulphur Ointment
For Mange, Wounds, Burns, Cuts, Sores, etc. 1 oz. .50, 4 oz. 1.50
Sulfminol
For General and Chronic Constipation 16 oz. 1.50
Delcreo Dog Soap
A pure neutral antiseptic soap 4 oz. cake .25
Send for free 40-page Kennel Manual "How to Care for Your Dog in Health and Sickness"
THE DELSON CHEMICAL CO., Inc.
Dept. (A) 42 Penn Street, Brooklyn, N. Y.

BABY CHICKS
Hatching every day in the week and every hour in the day. We are the World's largest producers.
THREE MILLION FOR 1923
Twelve popular breeds of best therobered stock obtainable moderately priced; also QUALITY chicks from heavy laying stock at small additional cost.
Smith's Standard We deliver by parcel post Reg. U. S. Pat. Off. anywhere East of the Rockies and guarantee 95% safe arrival.
Write nearest address, today, for catalog—FREE
THE SMITH STANDARD COMPANY
Boston, Mass. Dept. 94 184 Friend Street
Philadelphia, Pa. Dept. 94 833 Locust Street
Cleveland, Ohio 1394 West 74th Street
Chicago, Ill. Dept. 94 427 So. Dearborn St.
(Member International Baby Chick Association)

WE OFFER for immediate delivery Ringneck and Golden Pheasants, Peafowl, Pit Games and Silky Bantams. We are booking orders for Spring delivery eggs from the following varieties: Ringneck, Silver, Golden, Amherst, Reeves and Mongolian Pheasants.
We also have Mallard Duck eggs and we guarantee the ducks from these eggs will fly.
Send \$1.50 for color type catalogue.
CHILES & COMPANY, Mt. Sterling, Ky.

JERSEY GIANT POULTRY
The exceptionally fast growth and tremendous size, plus the egg production and small amount of food consumed, is the secret of the popularity of our Giants. Investigate today. Free literature.
Dexter P. Upham, Belmar, N. J.

G. D. TILLEY, Naturalist
"Everything in the Bird Line from a Canary to an Ostrich"
Birds for the House and Porch
Birds for the Ornamental Waterway
Birds for Garden, Pool and Aviary
Birds for the Game Preserve and Park
Special Bird Feeds
I am the oldest established and largest exclusive dealer in land and water birds in America and have on hand the most extensive stock in the United States.
G. D. TILLEY, Naturalist, Darien, Conn.

SHOPPERS' & BUYERS' GUIDE

Hair Coloring

LOOK YOUR BEST—Use Pokorny's haircoloring (henna shampoo), \$2.50 box. Hairdyeing application on premises. Transformations, Switches, etc. Pokorny, 50 East 34th Street, New York.

Interior Decorator and Decorations

W. J. NEWMAN
Special pieces of upholstered furniture to order.
924 Madison Ave., N. Y. C. Tel. Rhine, 9845.

MRS. EMOTT BUEL
Materials, Antiques and Reproductions
112 East 57th St., N. Y. Plaza 2713.

Jewelry and Precious Stones

TRABERT AND BARNES, formerly with Black Starr & Frost—Dreier & Co. Jewels purchased. Authorized appraisers, 522 Fifth Avenue, Room 506, Guaranty Trust Co., Bldg., Murray Hill 1192.

FRANK C. HUTCHINSON BUYS DIAMONDS precious stones and individual pieces of jewelry or jewelry estates to be settled. Expert appraising. 534 Madison Ave., N. Y. C. Opp. Hotel Biltmore.

ESTATES AND RESPONSIBLE PERSONS wishing to dispose of jewels can do so privately and to the best advantage at 542-5th Avenue. Rooms 50-51. 5th Floor. Bechet & Barclay.

ARE YOUR JEWELS UP-TO-DATE? We specialize in resetting. Supply exclusive designs free. Expert advice. Buy or sell diamonds, pearls, jewels. Formerly with Tiffany. O. F. Bauman, 562-5th Ave., N. Y.

Lingerie and Laces

LINGERIE, MONOGRAMS, LINEN SETS made to order
Mrs. Nicholas Biddle, S. A. Millar, Mrs. Clinton Works.
644 Madison Ave., N. Y. C. Plaza 1906

Memorials

MEMORIALS FOR EVERY PURPOSE. In granite, marble, bronze and glass. Individual consideration. Sketches upon request. The Davis Memorial Co., Syracuse, N. Y. & 511-5th Ave., N. Y. C.

Monograms and Woven Names

Cash's Woven Names for marking clothing, household & hotel linens, etc. Write for styles & prices. J. & J. Cash, Inc., 822 Chestnut St., So. Norwalk, Conn., England — France — Australia — Canada.

Permanent Hair Wave

NESTLES
Originators of Lanoil Waving. World Famous Experts, 12 and 14 East 49th St. New York. Phone Vanderbilt 7660-7661.

CALL AT SCHAEFFER'S if you want expert personal attention for a permanent wave. Positively no frizz or kink. J. Schaeffer, 590-592 Fifth Avenue. Phone: Bryant 7615.

Rugs

EDGEBROOK HAND-MADE RUGS
Unusual & beautiful rugs made to your order. Send sample of chintz or wall coverings to be matched. Edgebrook Studios, Edgemont Road, Montclair, N.J.

Social Etiquette

\$5.00—PERSONALITY ANALYSIS. Acquire irresistible charm, social poise. Overcome self-consciousness. Make life a success. Send for analysis chart. Mile. Louise, Marie Antoinette Hotel, N.Y.C.

Unusual Gifts

FOR THE GOLFER: Attractive new pocket score pad. Made of imported soft red leather, with gold edged pad, pencil, and golf courtesies booklet. \$2.50. Prod. Dept. H. Walker-Longfellow Co., Boston, Mass.

HAND DECORATED NOVELTIES
Bridge Pencils, Vanities, Cigarette Cases, Glassware. Always something new. Catalog for Trade only. Rena Rosenthal, 520 Madison Ave., N.Y.C.

From the FAR EAST: handmade textiles, art objects, delicacies, incenses; suitable for gifts and decorations. Catalog, Ass't. of 12—\$10.00. The Caravan, 92 Harrison Road., Calcutta, India.

TO THE UTMOST ENDS OF THE EARTH these little advertisements carry the message of a service, the best there is.

The Woman Jeweler

Opp. Altman's—**ROSE OLGA TRITT**—366-5th Ave. A shop Intime on the 11th floor specializing in fine Gems, Settings and Repairs. Express your personality in your Jewelry. We will design and execute it well.

Wedding Stationery

ENGRAVED Wedding Invitations & Announcements
Everett Waddley Co. has for a generation insured highest quality at reasonable prices, delivered. Book Wedding Etiquette Free. 9 So. 11th St. Richmond, Va.

Authorities on throat hygiene know that Formamint really does kill germs



Prevention, rather than cure, is the keynote of modern medicine

SAID a great educator in a recent address before a prominent college of medicine: "Medicine has changed. For centuries it was curative, and is now preventive."

For the throat is the gateway through which disease germs reach the system. It is through the throat that man's greatest enemy, the germ of infection, seeks to invade the system.

Formamint is a pleasant tasting tablet that dissolves slowly in the mouth, setting free a powerful yet harmless germicide that mixes with the saliva, thus penetrating every nook and crevice of the throat, searching out and destroying the germs of infection.

Today, science recognizes in Formamint a reliable means of prevention, and physicians urge its regular use for all throat troubles involving infection.



Public health authorities recognize the germ-killing properties of Formamint

Formamint

GERM-KILLING THROAT TABLETS

Formamint is our Trademark—It identifies our product

Send for trial tube

Special metal pocket-carrier containing 10 Formamint tablets mailed on receipt of 4c in stamps or coin. Address The Bauer Chemical Co., 121 W. 18th St., New York, N.Y.



Does Your Staircase Welcome Your Guests?

A beautiful staircase commands attention. It adds to the attractiveness of your home more than any individual feature. As a center of attraction, it is inspected by all.

Martin's Enamel gives a permanent white lustre and a quality finish that will make your staircase a thing of beauty. Use it in the kitchen, bathroom, bedroom, and on the staircase. You will be highly pleased with both the appearance and the wearing qualities.

Martin's 100% Pure varnish products contain no adulterants whatever. That's why they give 100% satisfaction.

MARTIN VARNISH CO.
PIONEERS OF 100% PURE VARNISHES
CHICAGO

Warmth means Life

WITHOUT it this world would still be "without form and void." — But what does it mean in our daily health?

Whether in the emergency, with the tiny form torn by convulsions; or in eliminating nightly for the older generation the slight chill that saps vitality — warmth means life.

Precious moments, lost in heating the old fashioned hot water bag, are now saved by the "Standard" Electric Heating Pad. To relieve even temporary discomfort there is no tedious waiting in the night hours.

Covered with soft, fleecy eiderdown, light in weight, flexible to fit the body, with three ranges of heat, the "Standard" is the last word in bedroom and sickroom comfort. Three heat "Standard" Pad, size 12 inches by 15 inches, is priced at \$8.00 and a smaller single heat "Standard" Pad is \$5.50. All "Standard" Pads are guaranteed for two years. If your dealer cannot supply you, write us.

THE STANDARD ELECTRICAL APPLIANCE COMPANY
BEVERLY, NEW JERSEY

Standard the Pad Dependable

WALL PAPER adds so much and costs so little



IMAGINATION must be present in the WALL PAPER placed upon the walls of the Music Room—imagination capable of creating a fitting setting for every sort of music, from modern jazz to a Beethoven sonata.

☐ Where the sign of the

WALL PAPER Guildsman is displayed, you will find sound advice in the selection of WALL PAPER for the Music Room—and all other rooms in your home. ☐ Look for that sign. It assures good papers, fine workmanship, fair prices.

Published for WALL PAPER MANUFACTURERS' ASSOCIATION of the United States

Headquarters: Suite 1819, 461 Eighth Avenue, New York



Part of the Salem Group in mellow toned maple and white walnut

The Danersk Salem Group

*Delightful and original adaptation of
old traditions in furniture*

Now you can see the New Salem Group. For almost a year the designs have been in process. Models have been built and rebuilt, every line and detail studied, and quaint new features have been embodied that we will not attempt to describe here but will let you discover when you come to see the furniture.

Perhaps the best feature is that a number of complete groups are on hand for immediate delivery at each of our three sales offices. These are the only places where you can see this group and all the others shown in entirety.

If you have been dissatisfied with the furniture in your own room or a guest room, this is your opportunity to replace it with something of real imagination and charm. The pieces are made of maple and white walnut and finished

with a lustrous, mellow, antique tone that is a real step forward in the art of finishing. Around the panels a border design taken from an old dowry chest is barely visible beneath the over-glaze, and lends a richness comparable only to some choice piece of Italian or old Spanish workmanship,—and yet it is distinctly American.

To tell the history of each object is impossible here. Suffice it to say that the architects and decorators we called in to criticize the final models gave this Danersk Salem Group one hundred percent approval. The essential qualities are livableness, style and beauty. The price is surprisingly reasonable.

Call now. Decorators and their clients are always welcome.



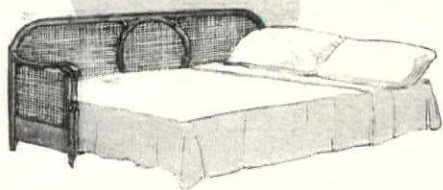
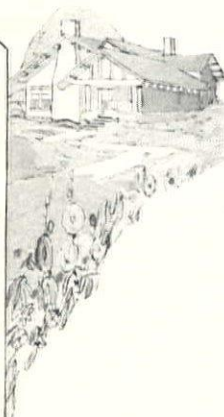
*Side table and chair from the
New Salem Group*

ERSKINE - DANFORTH CORPORATION

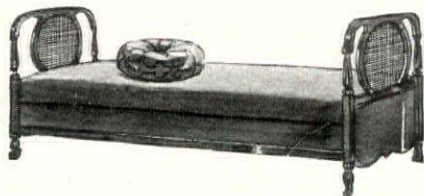
2 West 47th Street, New York

315 No. Michigan Ave., Chicago

643 So. Olive Street, Los Angeles



The Pullman Davenport Beds afford the fullest measure of deep luxurious comfort that can be found in the finest, stationary davenports.



This Pullman Day Bed, shown in the sun parlor, is also equipped with the revolving seat bed fixture. Pullman Day Beds are made in all period designs and finishes.

A Pullman Combines Comfort and Economy

Comfort, the essential requisite of a davenport, is readily found in a Pullman. *Designs* of various models typify the most modern styles in correct furnishing.

Economy is apparent when the Pullman is transposed into a full-size restful bed. Thus you gain the benefits and advantages of an extra bedroom.

In appearance and construction the Pullman Davenport Bed will compel your admiration. Better dealers everywhere display Pullmans with chairs and rockers to match.

We would like to send you, upon request, an interesting and instructive brochure on interior decorating.

PULLMAN COUCH COMPANY
3759 S. ASHLAND AVENUE

CHICAGO  ILLINOIS



An example of pure Egyptian design is this Schumacher Damask

FROM THE TOMBS OF THE PHARAOHS

Recent art treasures found in the Valley of the Kings give a fresh impetus to the Egyptian influence in decorative design



VER a hundred years ago Napoleon brought back from Egypt relics of the ancient Pharaohs, the first to exert any noticeable effect on the art of Europe.

The influence these findings had on the French decoration of that day was pronounced, the Empire Period being directly traceable to this source.

Now the Egyptian influence has received a fresh impetus which promises to implant it strongly in modern decoration. Recent excavations made in the Nile Valley by archaeologists have revealed unsurpassed splendors in decorative art.

A beautiful example of pure Egyptian design is this silk damask woven in France for the exclusive use of Schumacher in this country. Symbols sacred to the civilization of the Pharaohs are arranged in a manner as closely related as possible to the compositions found in their tombs. The sacred snake, or ureaus, the sun disk, the lotus flower, the stretched wings of the vulture—each of these has its own important place in the design of the whole. And of special historical interest are the costumes worn by master and slave.

Together with other Schumacher fabrics this Egyptian damask may be seen and purchased through your own decorator or upholsterer. F. Schumacher & Co., Importers, Manufacturers, and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York. Offices in Boston, Chicago and Philadelphia.

F-SCHUMACHER & CO.



The Fisk Building is a dominating feature of New York's uptown skyline

Time to Re-tire?

(Buy Fisk)

TRADE MARK REG. U. S. PAT. OFF

MOTORING departs from the commonplace and becomes luxurious when a big car is equipped with Fisk Flat-Tread Cords. The improved riding ease due to the use of these matchless tires is amazing. There is no other tire like them—there is none that will furnish a basis for comparison. Proved by more than a million miles of service before they were generally offered to the

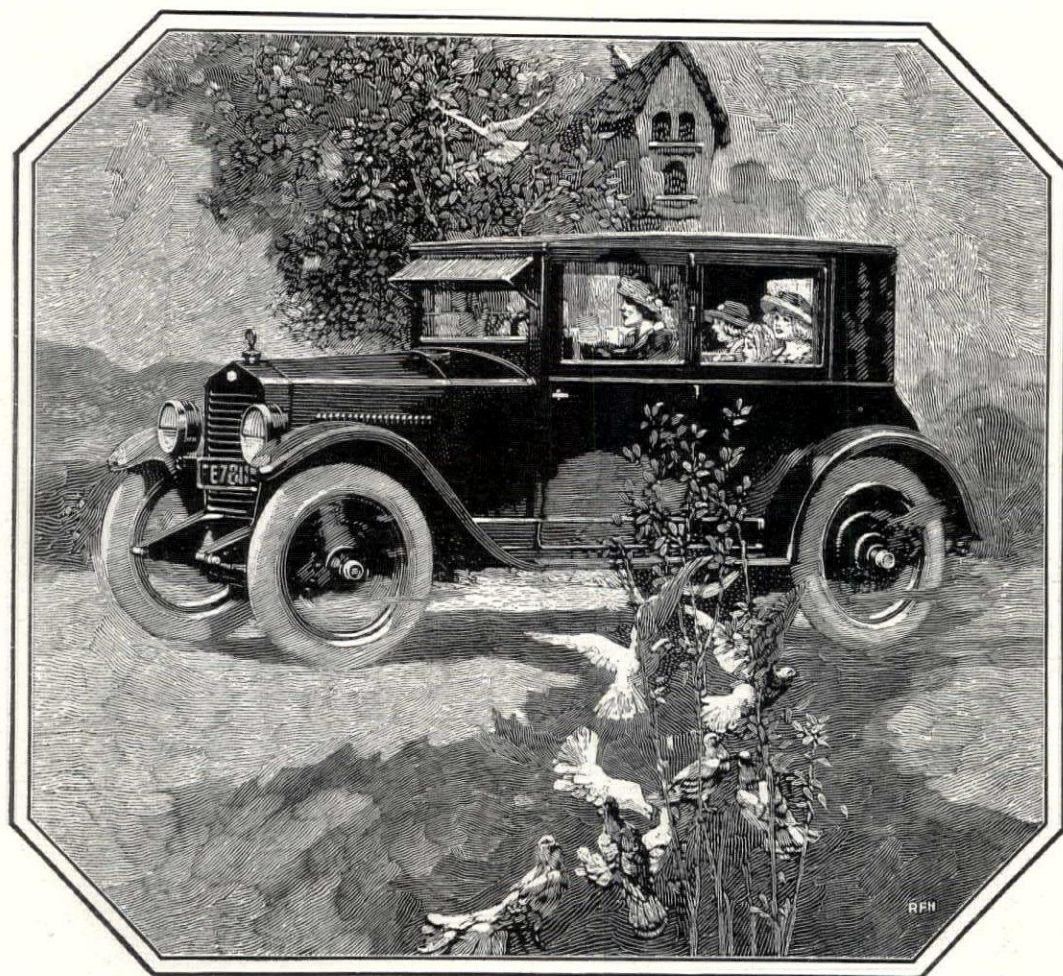
public, these casings have created the most remarkable records ever made by a tire.

Heavier in construction than others—thicker buttons in the safe Fisk Tread—a third more road-gripping surface due to the broad, flat tread which simply defies skidding—the Fisk Flat-Tread Cord is a luxury—and yet the surest economy.

Ask your dealer to show you why.

There's a Fisk Tire of extra value for every car, truck or speed wagon





Because of Hidden Values

Essex Stays Young

Essex cars two and three years old and with service records extending beyond 50,000 miles are today as dependable as when new.

They retain their nimble performance. Economy in fuel and oil continues. There is no burden of maintenance cost.

So marked is this quality that all who know the Essex accord it first place among the long life cars.

Hidden values—values not observable in a new car—account for this. There is nothing in the performance of new cars to reveal the advantage of the Essex roller rocker arm bearings over the common type of bushings. But long service marks the difference. And so also is revealed the advantage of the

Essex frame. With a single exception, it is sturdier for weight carried than is used in any car regardless of price.

The arrangement for taking up wear in spring shackles is duplicated in but a few costly cars.

Such values extend to parts you never examine. Many are exclusive to Essex.

In your choice of an Essex you get more than a one year car. You get what American and European experts pronounce the finest chassis of its size that is built.

The Essex comes in three models. Each is sturdy—beautiful and of great utility. The prices give them prominence even among cars of less mechanical worth.

**An Ideal Family Car
—Children are Safe**

The cozy intimacy of the Coach is further enhanced for family use by the safety for children it provides. No door handles in reach for them to open. Safe on the rear seat they can expose themselves to no risk and give no anxiety to their elders.

Touring - \$1045

Freight and Tax Extra

Cabriolet - \$1145

Essex Coach \$ 1145

*Freight and
Tax Extra*

The Improved CHALMERS SIX



\$1185

Disc Steel Wheels Included

Five-Passenger Touring car illustrated. Seven-passenger Touring, \$1345; Sport Touring, \$1445; Sedan-Coach, \$1585; Seven-passenger Custom-type Sedan, \$2095. All models equipped with disc steel wheels and non-skid cord tires. Prices F. O. B. Detroit; revenue tax to be added

More Power, More Speed— With Even Greater Economy

Working with an engine already notable for smoothness and fine performance, the new Chalmers organization has accomplished amazing results in three directions.

It has increased the power of the Chalmers Six.

It has increased its speed. And at the same time it has actually increased its fuel and oil economy to a pronounced degree.

But the new organization has not been content with these improvements, worthy as they are.

It has added new lines and touches of beauty to a car admired for beauty.

It has brought riding qualities, steering and gear-shifting appreciably closer to final ease and perfection.

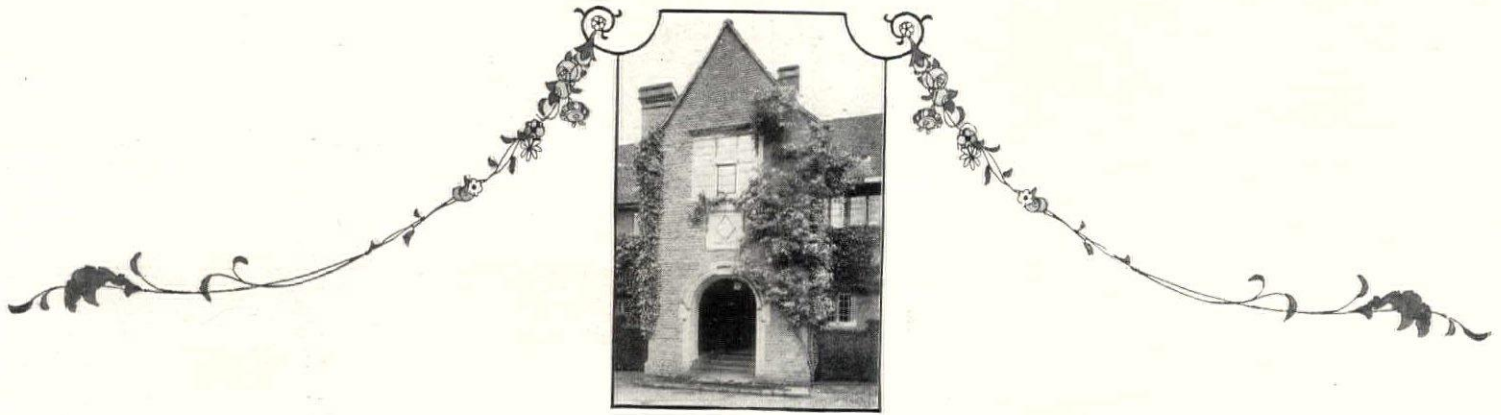
The refinements now incorporated in the Chalmers Six are apparent every minute you spend in the car—apparent in every phase of performance, in its actual revelation of easy handling, and in the beautiful steadiness of its riding.

No Chalmers Six dealer will hesitate to put the car to any test you may suggest to confirm all we say of it.

Chalmers Motor Car Company, Detroit, Michigan
Chalmers Motor Company of Canada, Limited, Windsor, Ontario



House & Garden



Through this doorway one goes to view an enchanted rose garden, which will be shown in the June number

STATISTICS are tricky things, and yet they have a fascination. You can do so much with them and apparently prove away so many problems. You can pile them up in a big stack, like the Woolworth Building, or spread them out flat, like a railroad track or curl them up, like an anchovie. We confess to a weakness for them, and whenever life gets boring and apparently unproductive we sit down and prepare a lot of statistics. The other evening, for example, we happened to be turning over the pages of some old volumes of HOUSE & GARDEN. Having a paper and pencil handy, we began to scribble down figures. Before we knew it, they began to look like Woolworth buildings and railroad tracks and, if we hadn't stopped them, they would have curled up like an anchovie just to prove what the magazine does to fish when they read it. However, from this chaos of figures we precipitated the following facts which may be of interest:

Those who read House & Garden from 1918 to 1922 inclusive were privileged to see no less than 9517 illustrations. They considered 297 houses with plans and read 168 articles on building. Their eyes scanned 166 photographic spreads of good interiors and read 223 articles on interior decoration

Contents for May, 1923.

COVER DESIGN BY JOSEPH B. PLATT	
THE HOUSE & GARDEN BULLETIN BOARD.....	49
A COMPOSITION OF HOUSE AND GARDEN.....	50
TERRACES FOR OUTDOOR LIVING.....	51
<i>Matlack Price</i>	
THE HOME OF MRS. A. P. L. DULL, SOUTHERN PINES, N. C.	54
<i>Aymar Embury, II, Architect</i>	
HOARDING AND USING.....	56
ARCHITECTURE WITHOUT AFFECTATION.....	57
<i>Mellor, Meigs & Howe, Architects</i>	
WELL-DRESSED FURNITURE.....	58
<i>Margaret Bradford</i>	
WALL PAPERS FOR LIVING ROOMS.....	60
<i>Lucy D. Taylor</i>	
FURNISHING IN RELAYS.....	61
<i>Ethel Davis Seal</i>	
WHERE TO LOOK FOR CURIOS IN LONDON.....	62
<i>Sir James Yoxall</i>	
LILY POOLS AND PONDS.....	63
GARDENS IN WINDOWS.....	66
<i>Minga Pope Duryea</i>	
THE CUTTING GARDEN.....	68
<i>H. Stuart Ortloff</i>	
A LITTLE PORTFOLIO OF GOOD INTERIORS.....	69
SPODE PORCELAIN AND POTTERY.....	72
<i>A. T. Wolfe</i>	
DIGNITY IN A MAN'S ROOM.....	74
<i>John G. Hamilton</i>	
WHAT YOU SHOULD KNOW ABOUT LINOLEUM.....	76
<i>Ethel R. Peyser</i>	
TRANSPLANTED ARCHITECTURE.....	77
<i>Basil Oliver, Architect</i>	
IN THE MANNER OF AN ITALIAN VILLA.....	78
<i>Dwight James Baum, Architect</i>	
STEPS AND STAIRWAYS IN THE GARDEN.....	80
<i>Richard H. Pratt</i>	
PRUNING SHRUBBERY TO OBTAIN EFFECTS.....	82
<i>Carl Stanton</i>	
HAS YOUR DOOR AN ARCHITECTURAL PEDIGREE?.....	83
A TOWN HOUSE REMODELED.....	86
<i>Wm. Lawrence Bottomley, Architect</i>	
SUMMER AND AUTUMN VEGETABLES.....	88
<i>Joseph Henry Sperry</i>	
TOILE DE JOUY.....	89
LINENS FOR THE COUNTRY HOUSE.....	90
MIRRORS IN NEW DESIGNS AND OLD.....	91
THE GARDENER'S CALENDAR.....	92
FEATURE IN JACOBAN FURNITURE.....	94
<i>Mr. & Mrs. G. Glen Gould</i>	

and furnishing. The gardeners were allotted 259 articles on their pet subjects and 148 photographic spreads. In this time there were also 92 articles on household equipment and 90 articles on collecting and art subjects. Seen-in-the-Shops pages totaled 191 and the articles selected from the shops attained the dizzy figure of 1564. In these five years the work of 224 different architects was displayed on HOUSE & GARDEN'S pages, rooms done by 90 different decorators and gardens by 24 different landscape architects.

Quite a number of things can be deduced from these figures, but the one that interests us most is the fact that we have endeavored to give our readers a good measure of interesting and authentic subjects, abundantly illustrated and concisely presented. If the facts of building, decorating and gardening can be suggested in the graphic form of pictures, we believe that readers will grasp them quicker and retain them longer.

If, in some way, we could trace the inspiration to build, to furnish and to garden that all these illustrations and articles have aroused, the figures would doubtless be amazing. That, after all, is the weakness of statistics—somehow they don't seem able to measure dreams and hopes and ambitions.

Volume XLIII, No. Five

Subscribers are notified that no change of address can be effected in less than one month

Copyright, 1923, by The Condé Nast Publications, Inc.

Title HOUSE & GARDEN registered in U. S. Patent Office

PUBLISHED MONTHLY BY THE CONDE NAST PUBLICATIONS, INC., 19 WEST FORTY-FOURTH STREET, NEW YORK. CONDE NAST, PRESIDENT. FRANCIS L. WURZBURG, VICE-PRESIDENT; W. E. BECKERLE, TREASURER; M. E. MOORE, SECRETARY; RICHARDSON WRIGHT, EDITOR; HEY-WORTH CAMPBELL, ART DIRECTOR. EUROPEAN OFFICES: ROLLS HOUSE, BREAMS BUILDING, LONDON. E. C. PHILIPPE ORTIZ, 2 RUE EDWARD VII, PARIS. SUBSCRIPTION: \$3.00 A YEAR IN THE UNITED STATES, COLONIES, CANADA AND MEXICO; \$3.50 IN FOREIGN COUNTRIES. SINGLE COPIES, 35 CENTS. ENTERED AS SECOND CLASS MATTER AT THE POST OFFICE AT NEW YORK CITY UNDER THE ACT OF MARCH 3, 1879. ALSO ENTERED AT THE POST OFFICE AT BETHLEHEM, PA. PRINTED IN THE U. S. A.

CHALIAPIN	MARTINELLI	KREISLER	PADEREWSKI	GALLI-CURCI	CARUSO	FARRAR	RACHMANINOFF	HEIFETZ	DE LUCA	JERITZA
ELMAN	SCHUMANN-HEINK	JOHNSON	SEMBRICH	RUFFO	MELBA	SCOTTI	BORI	GIGLI	HOMER	ZIMBALIST
ALDA	COATES	CHEMRT	STOKOWSKI	TETRAZZINI	McCORMACK	GLUCK	CALVÉ	EAMES	THIBAUD	CORTOT
TOSCANINI	MARDONES	MENGELBERG	SCHIPA	JOURNET	BATTISTINI	WHITEHILL	DE GOGORZA	WERRENRATH	SAMAROFF	MOISEVITCH
	<p>Victrola No. 300 \$250 Victrola No. 300, electric, \$290 Mahogany, oak or walnut Other styles \$25 to \$1500</p>									

Photos ©
 Mackin Hain Townsend
 Matzno Georg Moffett
 Dupont Apeda Horner
 Elliott & Fry Kirkland DeMarchi
 Kusay Hembrant Davis & Sanford
 Hall Underwood & Underwood

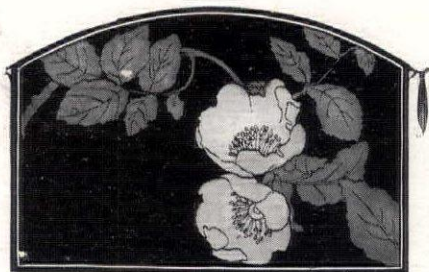
The strongest endorsement ever given to any musical instrument

All these great artists and many others famous the world over have chosen the Victrola and Victor Records as the one medium to perpetuate their art. Play their Victor Records on the Victrola No. 300—illustrated above—and you will know the reasons for their choice. Ask the nearest dealer in Victor products to send a selection of Victor Records and a Victrola to your home.

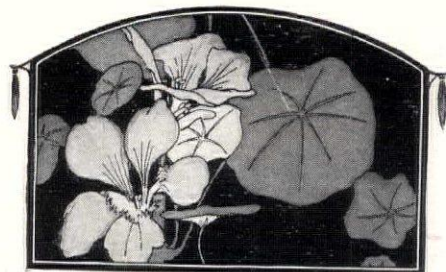


Victrola

Look for these trade-marks. Under the lid. On the label.
 Victor Talking Machine Company, Camden, N.J.



The HOUSE & GARDEN BULLETIN BOARD



THEY tell a story of a certain missionary who, on arriving at his field in the heart of Africa, was seized by the natives and locked up in a pig sty. He cleaned the sty, built him a house of wattles and planted flowers around it. When the natives saw these great improvements they marveled and forthwith elected the padre head man of the tribe.

That desire to surround one's self with cleanliness and beauty is the mark of departure from the savage to the civilized. The savage fails to appreciate an important fact—that one's immediate environment has effect on health and state of mind. Ugliness can poison.

People from time to time revert from the civilized to the savage. We have our dark ages, when standards of beauty are lowered and the poison of ugliness enters our being. The era of the Centennial was our architectural and decorative pig sty. Perhaps at no time did the standards in America fall so low. The awakening to beauty has been a long and uphill climb, but at last we are approaching the top. While we may not yet be elected the head of the world's people in taste, we are competing strenuously for it. Our standards of architecture and decoration, our taste in garden design, our acceptance of household equipment that makes for better living, all indicate that we as a people are no longer content with the pig sty.

What will be the effect on us? Well, it may lead to a form of national idealism that will give us front rank among the nations of the world. For you cannot live with beauty without having other standards raised. The general appreciation of the good lines of a roof, of livable color schemes may—who knows?—find its ultimate expression in the distaste for the ugliness of war, in the solving of our filthy problem of crime and its punishment.



THERE is a movement on foot to assure the permanence of the splendid work of the Arnold Arboretum by providing it with a substantial endowment. No cause in the interest of trees and shrubs could possibly be more worthy than this, and it should claim the interest of every reader of *HOUSE & GARDEN*. The Arboretum was established in 1872 by Harvard University from a fund left by James Arnold, a merchant of New Bedford, who died in 1868. It is located at Jamaica Plain, Mass., and is now a part of the park system of Boston. The purpose of the Arboretum is to increase the knowledge of trees and other woody plants. In it all the trees and shrubs of the north temperate zone are arranged in such a way that they may be conveniently studied, both for their scientific and artistic interest. It would be difficult to imagine a more valuable or a more beautiful array. The institution also acts as a laboratory in which a scientific study of the plants is carried on. It contains a bureau of publication, exploration and exchange through which botanical exploration is undertaken in various parts of the world and the results and products of these explorations are made known and distributed. If the success of all these activities can be attributed to any one man, that man is Prof. C. S. Sargent, the director, who has devoted the greater part of his life and fortune to the Arboretum.



ON THIS page in the February *HOUSE & GARDEN* there were printed some remarks on the interest that is being taken in tree planting in different parts of the country. The paragraphs brought from a reader in Oklahoma a letter telling of the establishment in that state, by proclamation of the governor, of a Tree Planting Week which began on February 22. During that week every person in the state was urged to select a good tree and plant it. There may be other states which are less in need of a Tree Planting Week than Oklahoma, but there is no state in the country which would not be benefited enormously by six days of concentrated effort in this direction. The economic and artistic reasons for tree planting on a large scale are great. A national Tree Planting Week would be an institution worth having.



THERE are two new names of authors in this issue—John G. Hamilton, who writes on the furnishing of men's rooms and who is an interior decorator practising in New York; and Sir James Yoxall, who writes on hunting curios in London, a pastime in which many Americans going to London this year may indulge. Sir James is a collector of note and, in addition to innumerable articles on collecting is author of "Collecting Miniatures", "Collecting Old Glass", etc. Aymar Embury II is an architect well known to *HOUSE & GARDEN* readers. The Italian house by Dwight James Baum, on pages 78 and 79, was one of the designs for which he was awarded a gold medal at the recent Architectural League Exhibit in New York. Basil Oliver, who designed the house on page 77, is an English architect practising in London.



INCIDENTALLY, *HOUSE & GARDEN*'s contributors have acquired the book writing habit. F. F. Rockwell, whose name is well known to our readers, has just had published "Gardening Under Glass" and Miss Amelia Leavitt Hill is producing "Garden Portraits." By the time this issue is out there will be on sale Minga Pope Duryea's "Gardens In And About Towns" and "Flowers for Cutting and Decoration" by Richardson Wright, editor of *HOUSE & GARDEN*. Meantime Miss Peyser's "Cheating The Junk Pile" is doing nicely and Matlack Price's "Practical Book of Architecture" is appealing to architects and prospective builders. Both Miss Peyser and Mr. Price are on the editorial staff of *HOUSE & GARDEN*.



IF YOU read architectural criticism, or listen to it, you are sure to hear that half-timber construction is "exotic" in this country. This would be all very well except for its trifling defect of not being true.

Half-timber work is simply the exposed structure of a wood-framed house, with the spaces between the timbers filled in with brick. This filling is called by the rather jolly name of "nogging", and was either stuccoed or left exposed. It was found that a variety of diverting patterns could be contrived in the brick nogging, so that it was really a pity to cover it with stucco.

The frame house of today, of course, is a much more lightly built affair than the frame house of Elizabethan England, and to expose its "timbers" to the public gaze would be rather unkind. Moreover, if a two-by-four framed structure were nogged with brick, the nogging would probably bring the whole thing to the ground. When the main timbers of a house were rugged, hand-hewn posts 8" or 9" square, and the intermediary studding not less than 4" square, the frame of a house was something to be proud of, and those timbers of sturdy oak mortised and pegged together and braced with diagonal struts would have carried a far heavier load than their brick nogging.

The "half-timber" house which is to be decried is the one in which stained boards are nailed to the surface of a stucco wall, solely to secure a pictorial effect. And these houses are not bad because they are "exotic", but because they are imitations of an honest type of actual construction, and as architecturally immoral as any sham.

Our national right to half-timber construction, moreover, is established by the many actual half-timber houses still standing in New England, where massively framed structures were nogged with brick and rubble masonry, but covered over with clapboards or shingles.

An unarchitectural mind might idly speculate upon the reason for this, and attribute it to a "Puritan complex" which recoiled from exposed timbers, and felt a decorous necessity of covering these anatomical facts with decent clapboards, reaching often to within ankle-length of the ground.



DESPITE the fact that winter sports in America have become quite popular and despite the fact that a few hardy souls have the temerity to say that they prefer winter to summer, the average run of people are, by now, thankful that winter is over. It has been a hard and arduous season. The first few snow storms were stimulating, but by the time the twenty-seventh began to patter down, they lost their charm. It is all very nice to sit indoors in a warm room, and read Whittier's "Snow Bound", but you can't do it for months on end. In this coalless year it has been practically impossible. Truly, winter is a snare and a delusion.

We are often tempted to think that winter is the test season for human beings. Old Nature is trying to see just how much human nature will stand without revolting or going under. We've stood a powerful lot this year and we're tired of it. Never was spring so welcome.

One doesn't feel that way about the other seasons. Spring is a transient; Summer—even the hottest—can be tolerated; Autumn offers another transition. You never heard anyone yawn and hope that Spring would only end or complain that they were fed up on Summer or that Autumn bored them to extinction. But you do hear countless people say—because most of us do it each year—that unless Winter ends soon, they will go mad.

Well, it has ended!



A COMPOSITION OF HOUSE AND GARDEN.

The elusive ideal in country house design and in the planning of the garden is to create with both together a pictorial composition. A composition of such true pictorial charm as this corner of a garden on the Morris estate in

Philadelphia is not often achieved. The relationship between the building and the planting is so subtly right that no effort of means is apparent. The picture has a fine quality of completeness. Mellor, Meigs, and Howe, architects



TERRACES FOR OUTDOOR LIVING

The Livable Possibilities of the Terrace Make It More Than a Mere Link Between the House and Its Immediate Garden

MATLACK PRICE

FOR some reason, too obscure to fathom, the terrace seems always to come into the plan, if at all, after everything else has been provided for. It is as though it were somehow in the ornamental luxury class with garden pavilions, fountains or swimming pools, although its addition to living in the country should place it among the first considerations.

Not a great deal needs to be said about its architectural aid to a house and garden plan, for it is the obvious link between indoors and outdoors. It is connected with the house by its foundations, and it is connected with the garden by the sky and by flowers to both. Consequently the terrace is at its best when it partakes somewhat of the character of both, being less formal than the house but more formal than the garden.

With a terrace you do not step abruptly from the house into the garden, but make the transition more comfortably and easily. From the house you step outdoors, yet do not seem to entirely leave the house, and from the vantage of the terrace you look out upon the garden, and, if the weather and the ground underfoot are propitious, you step down among the paths and grass plots and flower beds. Some elusive connotation in the word "terrace" conveys a quite fictitious and unfounded idea of grandeur and this idea may have banished the terrace from many a modest plan. The word "terrace" often assumes, in the mind, a magnificent imaginary plural in "terraces", immediately conjuring up a vision of vast estates, with terraces leading to more terraces, marble-walled,

and Maxfield Parrish stairways—and you decide to have a porch.

But the terrace is no such formidable affair: it can be domesticated more easily than some other features of spacious plans, and can be made to more than justify itself as a practical addition to the grounds, as well as an almost essential element of design.

It is true that most large houses with gardens have a terrace on the "garden front", or rear of the house. (The English term of "garden front" is a more pleasant

sounding one than "back" or "rear".) To a lover of gardens, the real "front" of the house is the one overlooking the garden—the entrance front doesn't matter. In the case of the large house the terrace is almost a necessity in effecting an easy relationship of the great mass of the building with its site. The terrace is like a setting—it eliminates any awkward joining which might exist between the house and its garden. This is a function of the terrace, however, which is no less to be reckoned with in the small house, or the house of moderate size.

There is another point about a terrace which should at once explode the old connotation that it is a thing belonging only to the great estate. The smaller the house, the more real need it has of a terrace, for the terrace adds usable floor area, usable area for living and entertaining. And descending to business terminology, and even to the danger of being accused of a weak pun, it can be said that this increased underfoot area is added without increased "overhead". For the terrace has neither walls nor roof, and if it is built properly, it adds no maintenance cost to the house. Its cost, varying with its material, lies mostly in its foundation, but even this cost is not comparable with its manifold addition to the country house in terms of pleasant living. The smaller the house, the more reason to have an added room which is as big as



Perrett

A terrace that opens directly off the house has the advantage of an architectural background, as for instance, where the iron-railed balcony helps create the setting for willow furniture and formal benches



Perrett

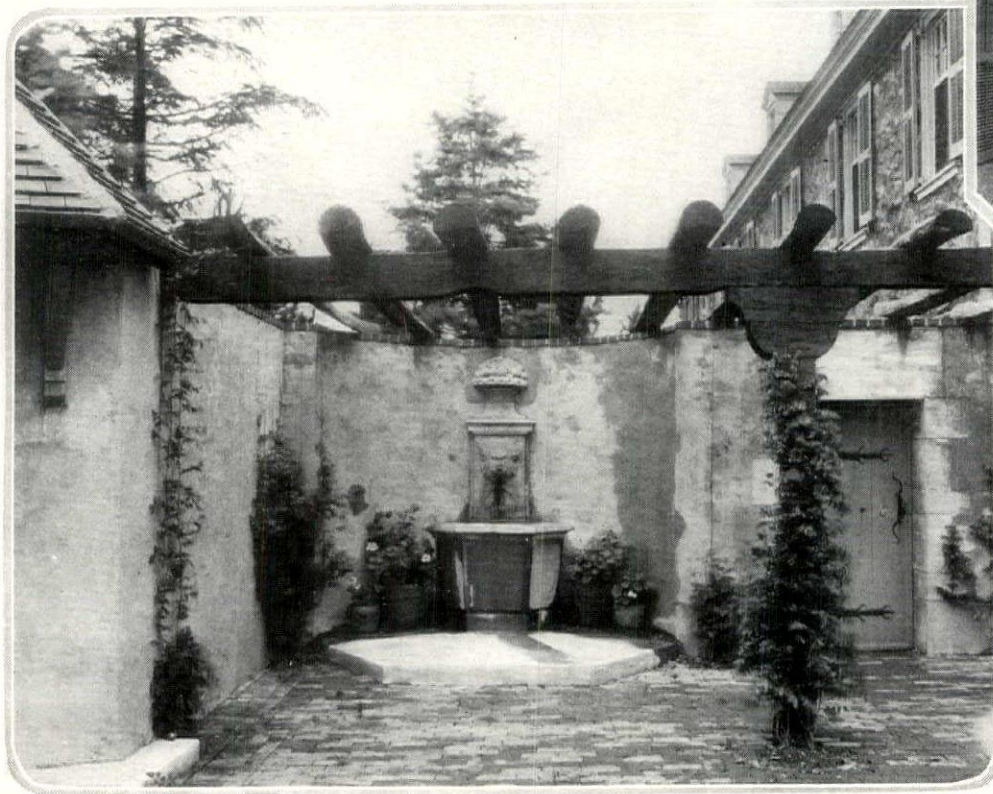
Of the informal terraces, the type that is paved with grass-grown flagstones and has for background the green of vines against the wall, makes the most pleasant transition to the lawn. F. Burrall Hoffman, architect

Pictorial interest and charm can be given a terrace by such simple devices as those used here—a fountain, a brick-paved floor and a heavy pergola. Mellor, Meigs & Howe are the architects

(Right) A formal brick terrace of this type, giving upon a sloping lawn and commanding a wide and unbroken view of open country, suggests the promenade rather than an intimate living place



Hewitt



all outdoors, with no cramping walls, and with the sky for its ceiling.

There are as many different kinds of terrace as there are kinds of house, ranging from the utmost formality to the utmost informality. There are terraces of cut stone, even of marble, (rather pretentious; but often more livable than the houses they adorn), terraces of brick and terraces of rough field-stone, or ledge stone. According to the type of terrace, the flooring is of cut stone, of brick, of square quarry tiles, of flagstones, random or regular, or of cement concrete. The illustrations show many varieties without exhausting the subject of terraces.



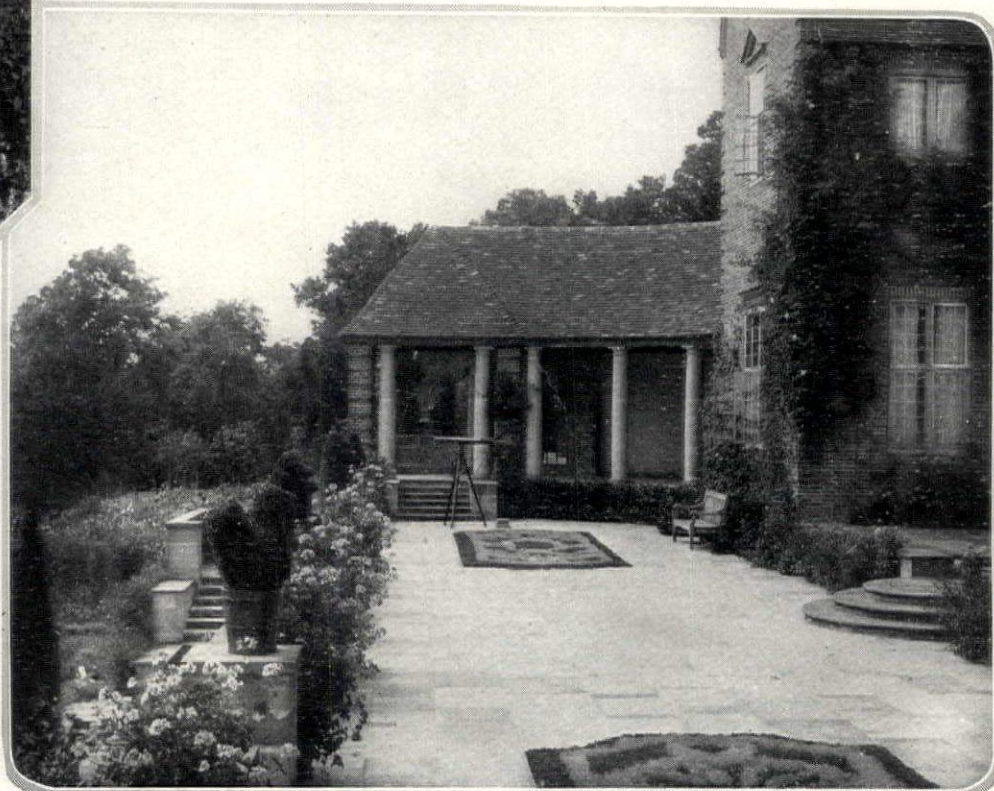
In the furnishing of this tree-shaded brick terrace the white benches serve mainly as architectural boundaries of the terrace's extent, while the light willow chairs, painted in natural green, invite their use for tea and talk



Duryea

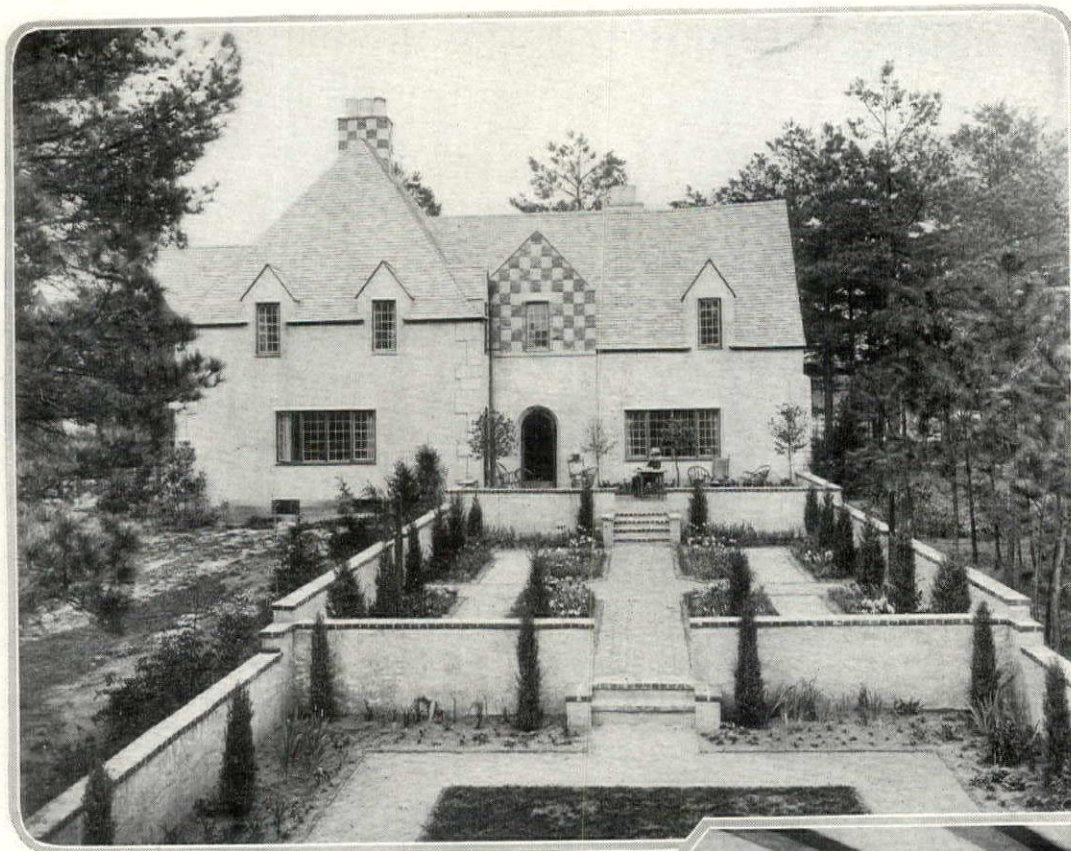
(Left) The terrace treatment of a city yard is intimately related to the house. The paving here is of square tiles, and the furnishing pleasantly appropriate for comfortable outdoor living in town

An unusual element is introduced into this English terrace: the severity of the flagstone floor is relieved by two formal beds of low-growing bedding plants and a rose hedge. Herbert Baker, architect



A strictly formal terrace, no doubt, goes well enough with a strictly formal house, if that is the kind of house you like. Butlers are particular about the kind of environment into which they bring the afternoon tea-wagon, even if the owner does not mind lounging on a comfortable informal terrace. But you can get a great deal more abiding comfort and happiness from a terrace which is meant for living than from a terrace designed as a setting for a Louis XVI garden fete, jolly as such things are. McHugh's old Scotch motto to the effect that "Ye canna' expect to be baith grand an' comfortable" applies very aptly to the

(Continued on page 136)



STUCCO, HALF-TIMBER and RICHLY PATTERNED BRICK WELL COMBINED
A STUDY in CONTRASTS

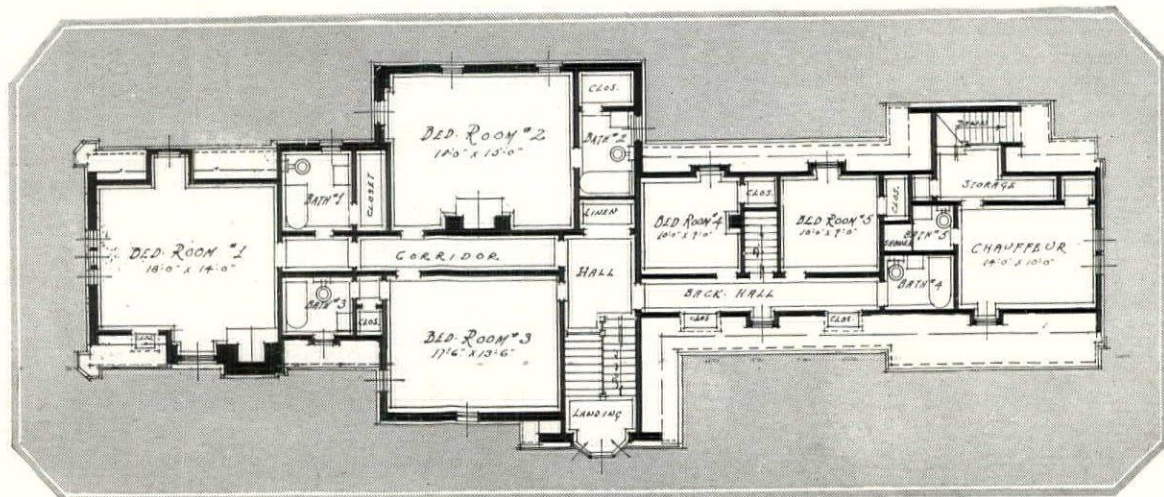
In its setting of sand and pines this house and its walled garden form a closely designed unit. The wall is to protect the garden soil from the sand outside



The interior of the living room is illustrative of a type of decoration which is admirably free from affectation and entirely in character with the architectural treatment of the house



This prospect of the house from a short distance in its rear shows the back of the garage wing, and gives an impression of the essentially picturesque treatment of the building as a whole



The second floor plan is a study in compactness and in the provision for a maximum of accommodation under a sloping roof. Not a foot of space has been wasted in this arrangement

THE HOME of MRS.
A. P. L. DULL,
SOUTHERN PINES,
NORTH CAROLINA

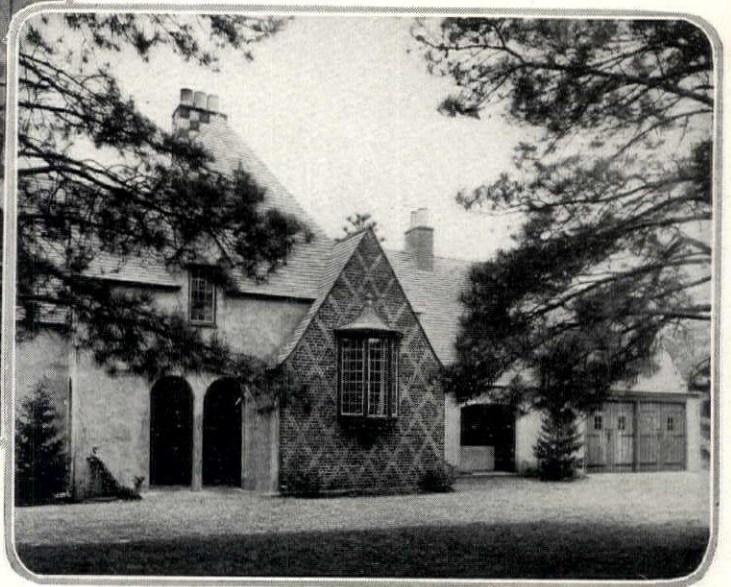
AYMAR EMBURY, *Architect*



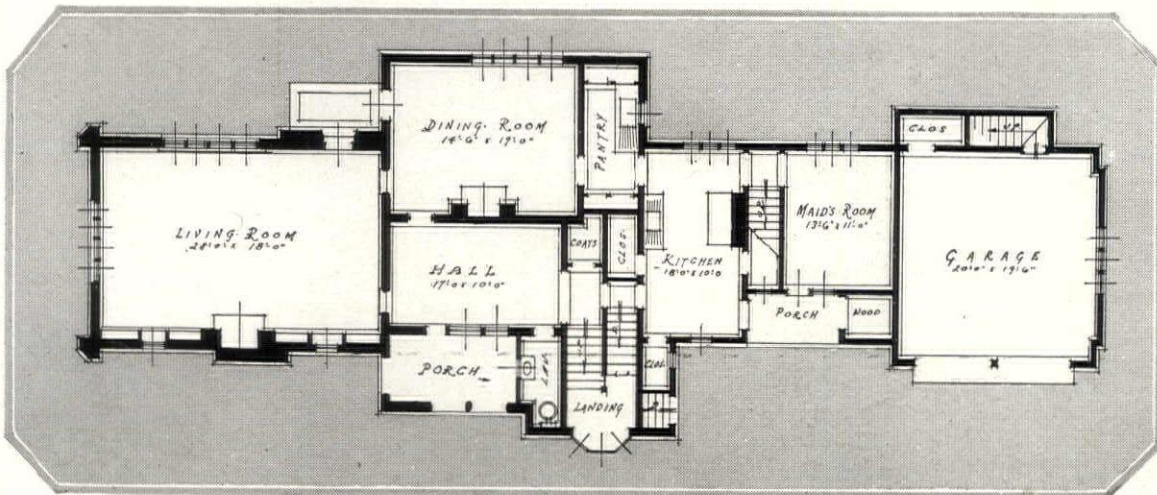
The entrance front gives a highly picturesque expression of the plan, showing the simple loggia porch and the brick-patterned gable end of the stair hall, with its hooded, leaded bay window



In this view of the living room the variety in wall treatment is apparent. The fireplace wall is board-paneled and the far wall of plaster has two arched openings to the dining room and hall



This portion of the entrance front shows the porch of the service wing and the broad wooden doors of the garage. From every point of view this house discloses a new and pleasing picture



The plan provides a pleasant and complete accommodation for all the country house requirements. The planning of the garage and service wing accords with the latest planning methods

H O A R D I N G A N D U S I N G

*The Museum Habit As Practised in Private Life Has a
Devastating Effect Upon Contemporary Art and Artists*

THE perishableness of things, the frail transience of material beauty—these have been among the poets' favorite themes. But changing circumstances can change even a well-established commonplace of literature. In a few generations—who knows?—the poets may be complaining not of the perishableness of material things but of their stubborn and malignant indestructibility. For, desolated by the carelessness of our ancestors (ruthless, reckless fellows, who never thought twice about destroying a monument or a document) we now take enormous pains to preserve whatever we can.

Huge museums and libraries all over the world are seeing to it that nothing of value shall be destroyed. Hordes of private collectors spend all their time and money in putting objects out of reach of the natural forces of decay. There is a vast conspiracy in the world to-day to prolong the life of mere things.

Those who come after us will find it completely impossible to write the history of this generation, for the good reason that they will have infinitely too many documents.

IN PAST ages accident and the caprice or carelessness of human beings saw to it that remarkably few documents survived. They sifted, they selected—far more thoroughly and satisfactorily than any historian could do—with the result that we can write history, we can concoct our splendid theories of progress and decadence, on the basis of two manuscripts and a couple of broken statues: theories which could never fit the facts, if, by some deplorable chance, all the documents of any period had survived.

Our own methodical carefulness will leave the historians of the future no chance.

But our business in House & Garden is not with the historians of the future so much as with the artists and craftsmen of the present. It is because it affects these contemporaries—not for any altruistic sympathy for our posterity—that we take up this subject to-day. For the modern habit of hoarding affects the artist in a variety of ways—and affects him always to his disadvantage. Let us see precisely how it touches him.

IN THE first place the almost morbid interest in the past which characterizes the ordinary cultivated person of to-day tends to reduce the demand for any piece of applied art that is not old, or an imitation of the antique, or, if modern, conceived definitely in some old style. The result of this is to make it extremely difficult for any artist-craftsman who desires to work along modern and individual lines to exist at all. It is a significant and thoroughly deplorable fact that the number of antique shops is steadily on the increase.

The habit of hoarding old things, which started with the rich and expert collector, is now infecting a less wealthy and far less knowledgeable class of buyer, who is induced to spend the money which might encourage contemporary talent on the acquisition of dubiously ancient antiques and on mechanical imitations and reproductions of the antique.

IN THE second place the careful hoarding, as opposed to the frank use of valuable objects, tends actually to diminish the demand for good modern work. Someone acquires a set, shall we say, of old silver. Instead of using it at his table he locks it away in a glass cabinet for show and employs for his daily use some inferior modern imitation of the old. Moreover, good modern work, when it does happen to be produced, also tends to be jealously hoarded instead of being used.

The bride who receives a handsome service of porcelain for a wedding present buys a cheap set for everyday use and keeps the good one in a cupboard, from which it only issues once in a twelvemonth. It would be in every way more satisfactory if people got rid of this museum habit and frankly made use of the good things they possess. Let them use the old silver: its beauty while it lasts will give them pleasure three times a day—every time they sit down to a meal. Let them dine regularly off their best plates and drink their tea every afternoon from their loveliest porcelain: in an ideal world every common utensil of daily life should be the best and most beautiful possible.

But, says the timorous hoarder, if you use your silver and porcelain, the spoons will soon be worn out, the plates and cups broken. Certainly they will. And when they are worn out and broken you will look for the contemporary artist who can make you something as good and beautiful—in its own modern way—to replace them.

USE encourages life in contemporary art, and hoarding tends to suppress it. The idea that beauty and fine quality are things only to be seen in museums and on rare occasions is a product of our hoarding age. Beauty and quality ought to be the accompaniment of every action in every place, every day of our lives.

Too many rich men seem to think that the right way to encourage art is to endow museums: it is not. It is by making constant use of beautiful things, and when they are worn out boldly "asking for more," that we shall encourage a healthy development in modern art.

The third and perhaps most subtle evil of the results of the hoarding habit makes itself apparent in the artists themselves. They tend to pander to the hoarding habit by producing work that is meant to be put away—not used.

(Continued on page 132)





ARCHITECTURE WITHOUT AFFECTATION

In this picture of a country house at Villa Nova, near Philadelphia, one finds an old and well-mannered architectural pedigree, and a pleasant absence of that kind of affectation which usually mars adaptations of architectural styles. The actual English traits, as seen

in the bay window, leaded casements and timbered porch, are negligible in comparison with the intensely local manner in which they are rendered with design and material blended with skillful ease. The house was designed for Heatly G. Dulles by Mellor, Meigs and Howe

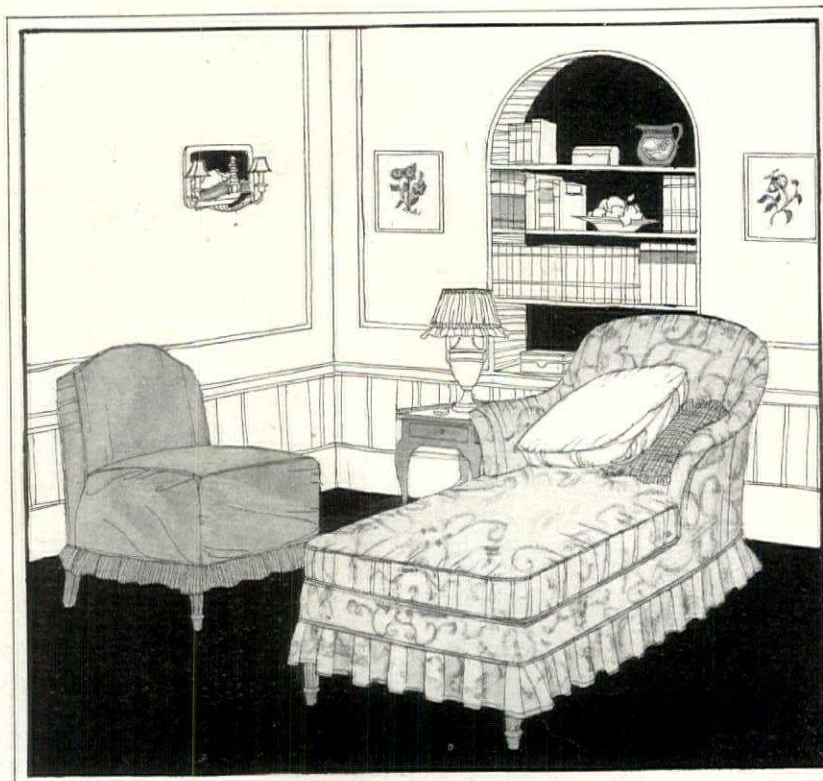
WELL-DRESSED FURNITURE

*As Fresh and Gay As Summer Frocks Are the New Slip Covers of
Bright Chintz, Toile de Jouy, Linen or Taffeta*

MARGARET BRADFORD

IN addition to being beautiful in line and wood, furniture should be well dressed. Much of the charm of a chair is due to the kind and color of its upholstery. When the time comes to protect this against the inroads of sun and dust, one may still have a colorful and inviting living room, cool and restful in effect with chairs and sofas quite as attractive in their summer dress of prim glazed chintz or linen as they were in the more formal attire of damask and brocade.

Who can ever forget the dark, ghostly drawing rooms of not so long ago? Dreary rooms with every bit of beauty religiously covered up, shapeless brown Holland everywhere, mysterious objects shrouded in white netting and all the little things that give a room its individuality care-

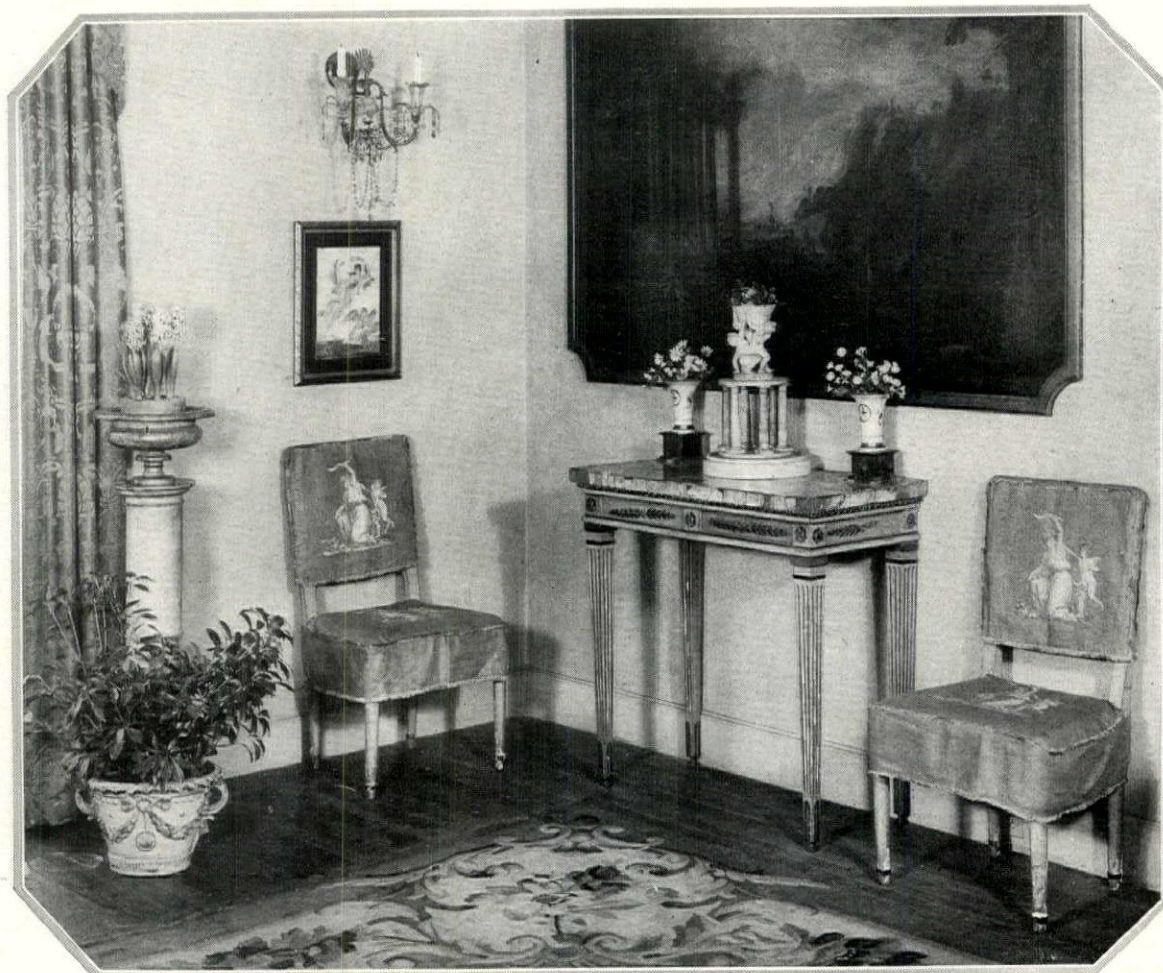


The slip cover on the chaise longue above is pink and white chintz and the slipper chair has a cover of pink taffeta. From Elsie Sloane Farley

Below are slip covers of violet linen with green fringe and Directoire chintz motifs appliquéd on the backs and seats. From Mrs. Grace Wood

fully put away. What a contrast to the summer living room of today with its crisp organdie or Swiss curtains over well-screened windows, its furniture done in slip covers that really fit, its cool, shining floors and its many bowls of garden flowers! The wise hostess does not cover up the interesting and charming little things that give a room so much of its interest. She keeps them dusted. Most of all she believes in well-made and well-fitting slip covers, for these contribute more than anything else to the success of a living room in summer.

Slip covers are used for three reasons. To protect beautiful silks or satins from dust and a summer sun, to cover ugly pieces of furniture and, lastly, for their own sheer decorative value and as a change

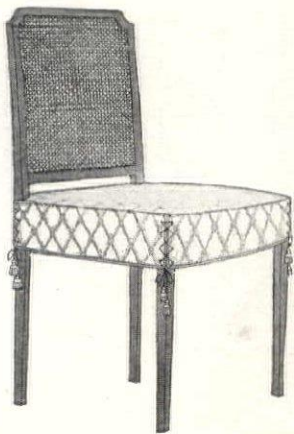


Bradley & Merrill



Carl Klein

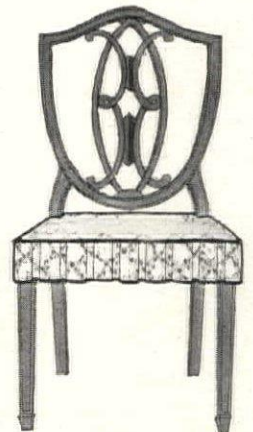
Above is an example of a perfectly fitting slip cover in glazed chintz with a cool water lily design. From Fakes, Bisbee, Robertson, Inc.



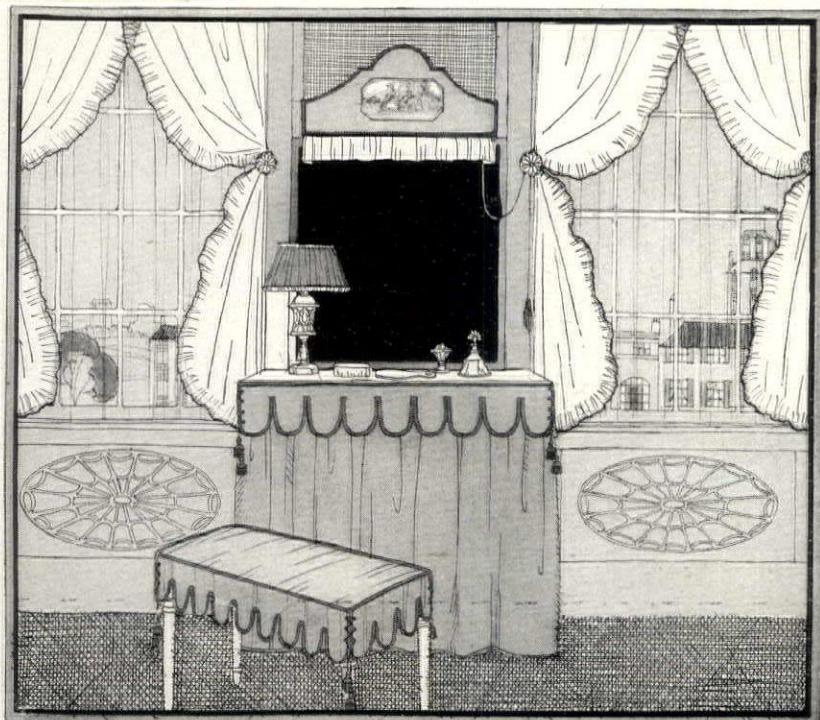
from the furnishings of the winter.

Now that we have graduated from the striped Holland stage and are using flowered chintzes, toiles de Jouy, plain linens and taffetas in all manner of beguiling colors, often further embellished with contrasting pipings, it is possible to transform the winter drawing room with its damask, needlepoint or mohair furnish-

(Continued on page 122)



A cover made to fit the seat of a chair may be laced together at the corners with cords ending in wooden balls painted to match some color in the chintz



The material of the slip cover on the chair above is white glazed chintz with a lattice design of deep pink ivy leaves. Courtesy of John Wanamaker

In summer it is advisable to cover a taffeta dressing table with some washable material. The covers here are cornflower blue linen, scalloped and bound in pink

WALL PAPERS FOR LIVING ROOMS

Walls Covered with Interesting and Colorful Papers Come As a Relief After the Long Period of Plain and Paneled Effects

LUCY D. TAYLOR

A ROOM has no virtue in itself. Only in so far as it reflects the lives of the people and furnishes them with a happy and congenial setting does it come to have meaning. This applies most of all to a living room.

In planning a room of this kind the first question always should be,—what do you like? Surround yourself frankly with the things that impress you and do not try to have a living room done in the Italian Renaissance manner because the woman across the street has one.

In planning any room, the first step is naturally the finish of the walls. These are the surroundings, the frame, as it were, of the picture. For a long period we have had a deluge of plain painted walls, or ones done in paneled effects. There is nothing wrong with this type of decoration, and with certain kinds of furnishings, walls of this kind make the ideal setting. But after

An excellent paper for living rooms is the stencil design at the right which comes in tan on a buff ground. From Richard E. Thibaut

Below is a paper in brilliant colors that would be effective shelacked and set into panels. Courtesy of Richard E. Thibaut

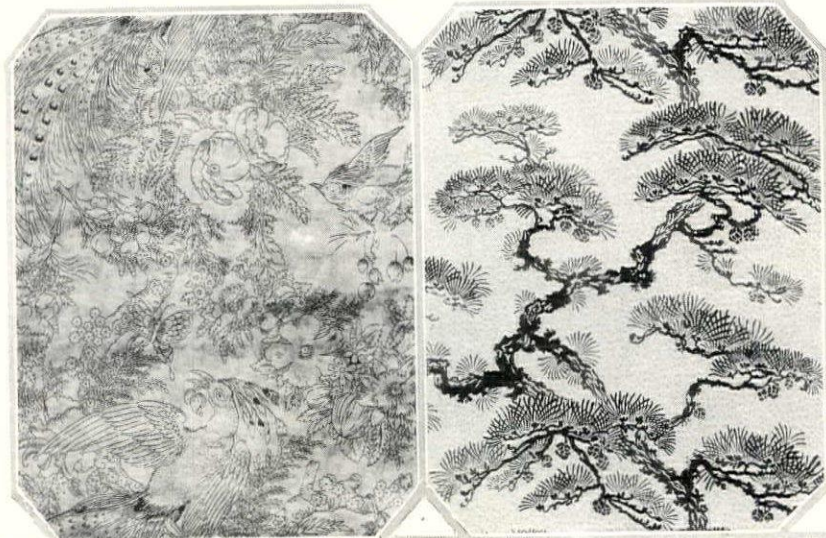
years of plain walls in living rooms, one turns eagerly to all the new and the delightful papers that bring a certain interest to a room besides providing a decorative background.

It is possible to have plain walls and still use paper. Nothing makes a more charming living room than a silver or gold tea chest paper. This comes with a faint design that takes away from the flat look and, in the case of silver, it can be glazed in a color, giving a delightful, old effect, and one warmer in tone than the plain silver. Plain papers are procurable in all the neutral tones and these have a certain softness of texture that gives a warm tone to a wall. A plain paper in a blue-green shade makes a delightful living room, especially

if a chintz with terra cotta and yellow in it is used for curtains.

We are too careless of our papers. We do not stop often or long enough to consider the part they play in creating an atmosphere. In reality we are not buying a strip of paper. We are buying colors and patterns that weave themselves into our lives. If we realized this, perhaps we would be a little more careful and select more thoughtfully, and not quibble with the salesman when he names a price, for it is a question of buying ideas, atmosphere and setting, for our home life.

The first consideration in selecting a paper for a living room is the character of the room itself. No one can give a general rule, for there are all kinds of furniture, all sorts and conditions of rugs, and the ornaments and pictures represent often the varied tastes and interests of each one of the half dozen mem-
(Continued on page 114)



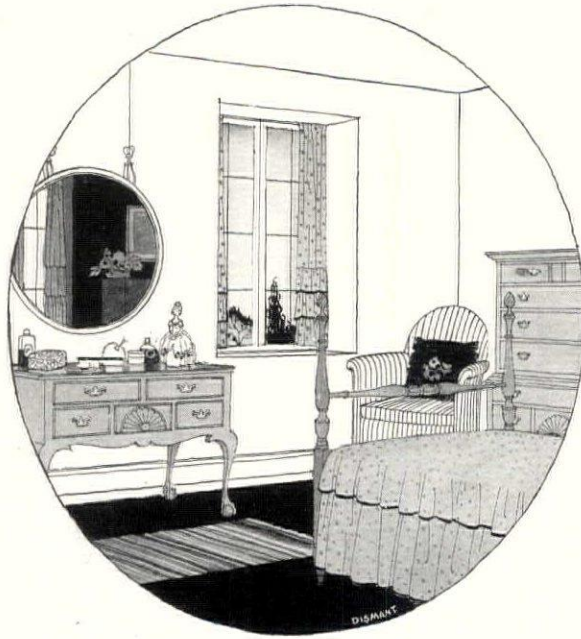
The design of the paper at the left is black on gray. The woodwork might be painted blue-green. From Richard E. Thibaut

The paper below would be charming in an early American living room. It is in soft tones of gray. From M. H. Birge & Sons



A reproduction of a paper found in an old house in Salem has a picturesque design in gray. From W. H. S. Lloyd





The mahogany pieces in this bedroom were acquired one at a time. In this way a charming and harmonious room resulted

FURNISHING IN RELAYS

Instead of Merely Space Filling, Start With a Few Beautiful Pieces of Furniture and Gradually Build up a Room From Them

ETHEL DAVIS SEAL

THE majority of people have a horror of an empty room. That is the reason why when they start to furnish a house with a given sum of money they try to fill the spaces and they buy "sets" of furniture that, after a few years, will be discarded for a few new and really beautiful pieces. How much better it is to furnish

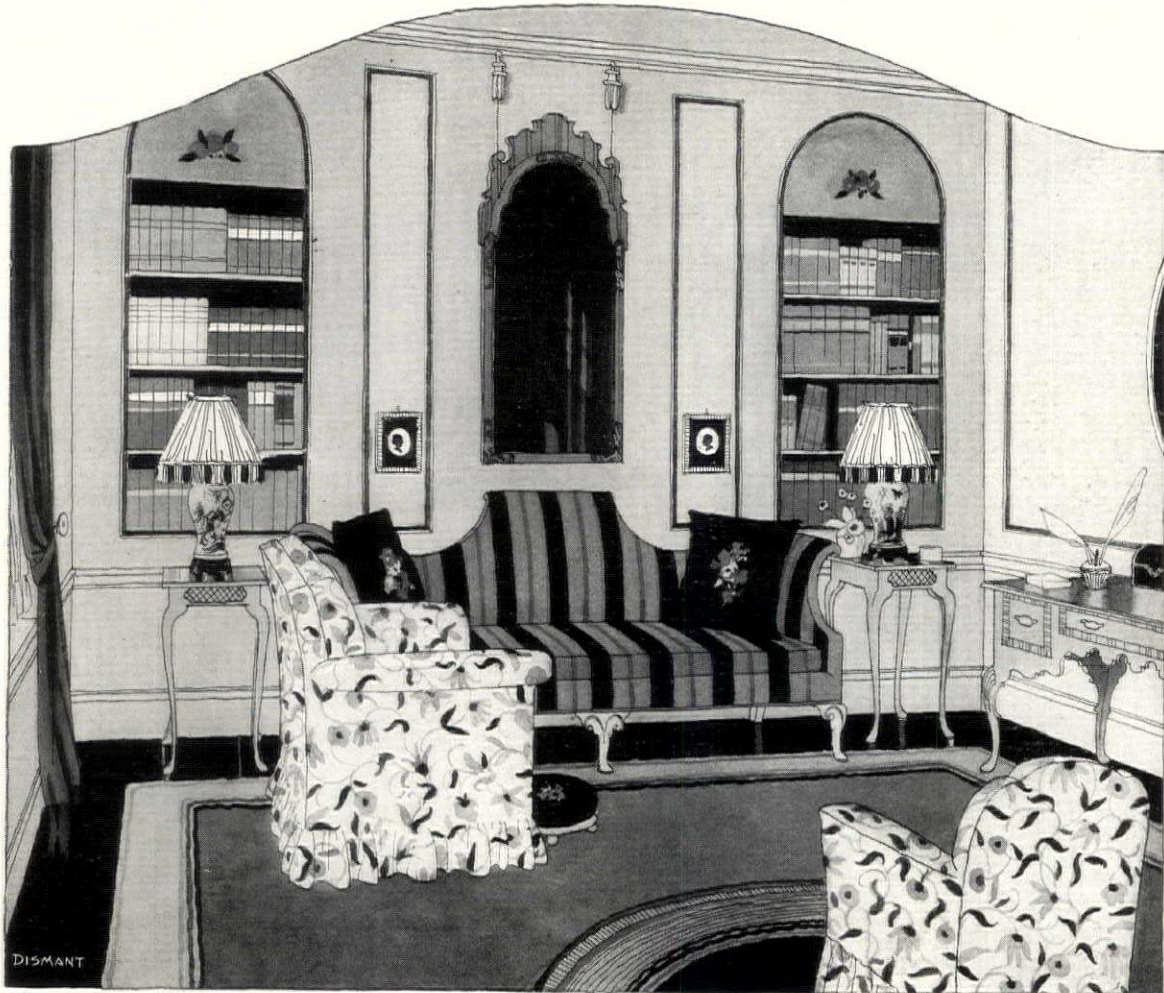
in relays, to be content to start with a few good things and wait until one can afford the other pieces.

Recently, I talked with two unusually intelligent women on this subject who had just finished decorating their houses.

The first living room I saw belonged to a friend who was embarking on her fifth

year of housekeeping. I glanced appreciatively at the gray, blue and gold color scheme, the paneled walls, the deep-piled rug, the graceful sofa and comfortable chairs, that were as much an abiding part of the room as the pale gray and blue walls. I suddenly realized that there was nothing

(Continued on page 96)



Overstuffed chairs covered in hand-blocked linen were the beginning of this room which owes its effect to the fact it was furnished slowly

WHERE TO LOOK FOR CURIOS IN LONDON

Districts Off the Beaten Track Where Transportable Antiques May Be Found With Varying Degrees of Ease

SIR JAMES YOXALL

MANY an American lover of the old and beautiful who goes to Europe seeks to enhance the pleasure of the trip by trying his hand at collector's luck. But however skilled he may be in the search for the elusive curio in his own country, in Europe he is playing the game on a strange ground. Some guide-posts to the richest fields might therefore be of help. Perhaps as one who has traveled Europe for many years with an eye always open for the likely antique dealer, I can give a few directions in this article.

But European countries, however small in comparison with America, still cover some area. It is necessary to concentrate. Suppose we begin in London. We will find it a good starting-point.

Some twelve years ago, I remember, I went into shop after shop in the Calverstraat of Amsterdam, asking for old Wedgwood portrait-medallions. One dealer, the wealthiest and most dignified of them all, said: "Go back to London, sir. Ten years ago I could have sold you a basketful of Wedgwood medallions. Now everything has been brought back to London." And that is truer still since the War. But it did not mean impossible prices in London; going back there, I bought an old Wedgwood portrait-medallion of George Washington, dark blue and white, in perfect condition, six inches by four and a half, for less than ten dollars.

Moderately well-off persons of cultivation can still purchase portable antiques in London for very reasonable prices if they know where to look. I stress the word "portable". Antique furniture is not easy to ship across the Atlantic, and I am therefore supposing a collector to be going in search of old English porcelain, pottery, glass or glass pictures, needlework pictures or samplers, paintings, drawings, ivories or snuff-boxes, enamels or plaques, clocks, bronzes, brass, Sheffield-plate, or tea-caddies, workboxes, spoons, lace, fans, jewelry, lacquer and so forth—whatever is beautiful or quaint and old or rare—touched with the magic of the past. Where in London is he or she to look for them? Where are the happy hunting-grounds?

MUCH of the pleasure of collecting lies in the finding—the finding by yourself—and that is what you can do if you go from street to street in certain parts of London, peering into shop and pawnshop windows, entering brokers' premises and looking into minor sale-rooms which, empty in the day-time, await the auction at night. Therefore, this article has nothing to say on the great displays by famous dealers, or the purchases pos-

sible at Christie's, Sotheby's and other famous auction-rooms where price is of less importance than possession. We will accordingly not hunt in the West End proper, but forage elsewhere, a map of London as our general guide. In a little while we shall get an eye for the likely shops in a street—it is something like birdnesting, there comes a *flair*—but the first thing to know is the likely regions and streets. Here is a list of regions therefore: Paddington, Westbourne Grove, Marylebone, Baker Street, Holborn, Brompton and Chelsea, Kensington, Fulham and Battersea, Pimlico, Shepherd's Bush and Hammersmith, Notting Hill, Bloomsbury—all within easy reach of the London hotels.

IT MATTERS little where we begin on that list, in which particular region, but American collectors in London may well prefer to explore the more central of those districts first. Holborn is central, and there is hardly a street which turns off Holborn, from the First Avenue Hotel to Kingsway, in which likely shops may not be found. Great Turnstile, for example, leading into Lincoln's Inn Fields, and (from the other side of Holborn) Red Lion Street, into Theobald's Road, and the paved alleys near Red Lion Square. The kind of shop we are in search of seems to hide, in the quietest streets, or round corners, but it is there, for the finding, and in it are the collectable things we are after. We shall look for them ourselves, when inside the shop even, for often the little dealer will tell you he has nothing of the kind on hand. Going westward, towards New Oxford Street, itself a notable place of quarry, there are several streets which run towards the British Museum, into Great Russell Street, highly suitable; and, on the opposite side of High Holborn, there are Broad Street and High Street, the nearer part of Shaftesbury Avenue, and St. Andrew Street (leading into St. Martin's Lane), Endell Street, Long Acre, and King Street, Covent Garden.

For another handy and fertile region, let us wander in and out of the streets which go off the Brompton Road, from the Tube Railway station of that name to South Kensington Museum (which is also called the Victoria and Albert Museum). There are at least fifty likely shops in this district, even before we turn into the Fulham Road, and then off on the left hand into the King's Road, Chelsea, and so back on our tracks, parallel, to Sloane Square and the immediate neighbourhood, to the Underground Railway station of the same name. I know at least a dozen interesting places in the Fulham Road, and as many in the King's Road, and some between the latter

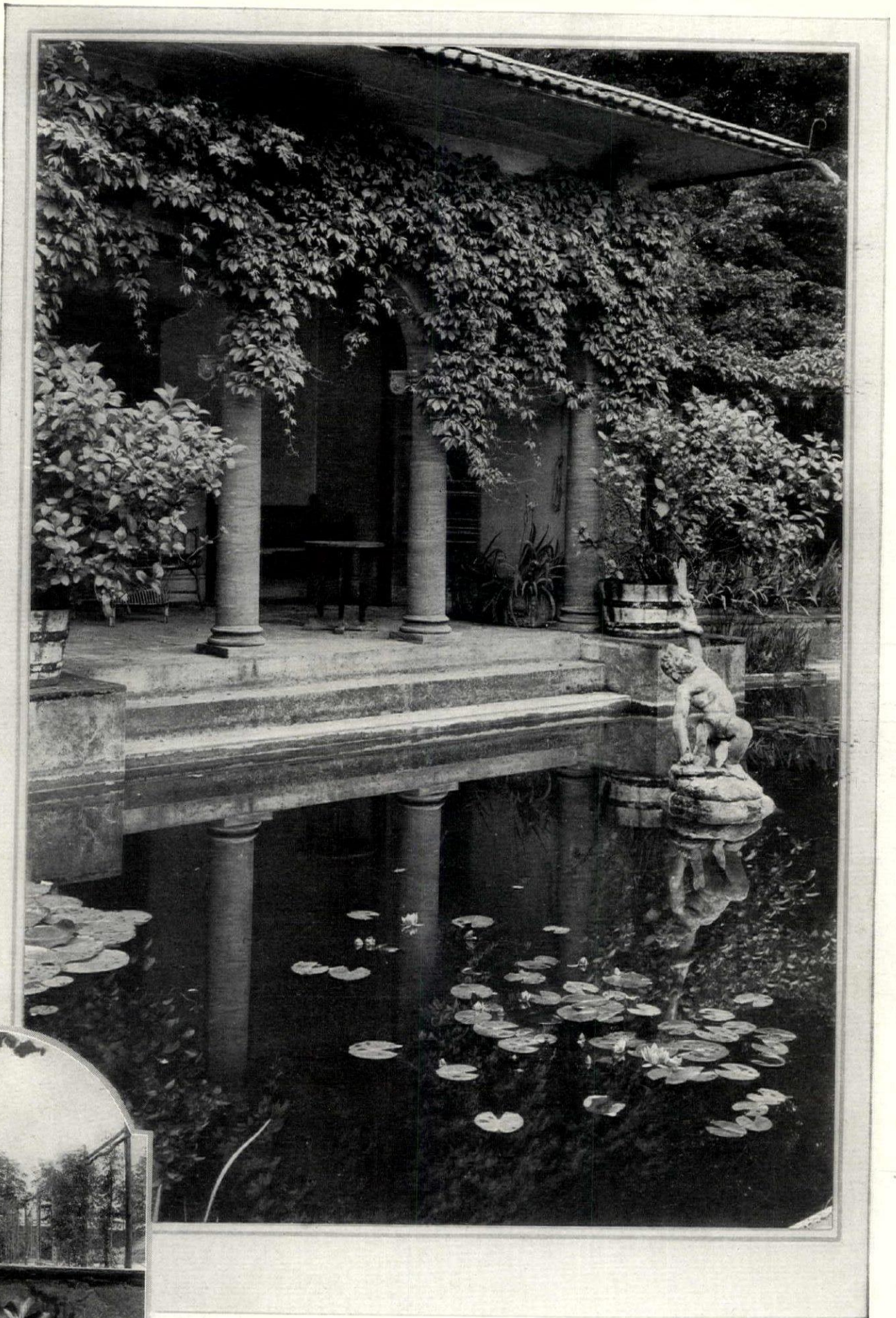
and Chelsea Embankment, and some across the bridge on the Battersea side of the river. Thus to hunt takes you into the old, uncosmopolite London. Sam Weller's knowledge of London was "extensive and peculiar", and so does a wandering collector's knowledge of it become.

EUSTON Station is a well-known point of American arrival in London; suppose we make it a point of collector's departure; from where Gower Street points the Euston Road, to go westward, crossing Tottenham Court Road, is to come to the Marylebone region; southward, to Oxford Street, in many by streets many shops of the kind we are in search of await the collector. Between the Edgware Road and Paddington Station runs Praed Street; at least twenty such shops are in it, and others are in the several streets which go off Praed Street itself. Further west, beginning near the outward end of Paddington Station, is Westbourne Grove, the centre of a collector's district; in the streets running up to Bayswater Road and Hyde Park you will find what you are in search of, and going further still that way you come to Notting Hill; whence, by Church Street, Kensington, you enter into a region particularly rich in this matter. To take the Tube or Metropolitan line to Notting Hill is to emerge amidst a cluster of likely shops.

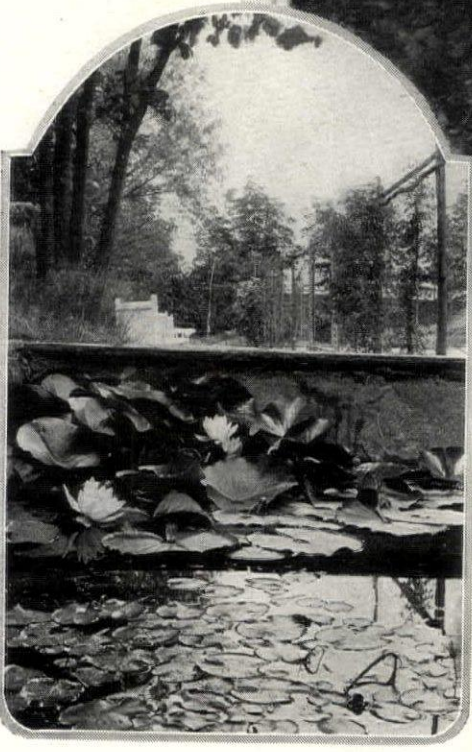
I remember a *trouvaille* there. I wished to acquire that rarity, an eye-miniature, one of those rounds or ovals of ivory painted with the beloved's eye and set in a serpent of gold with tail in mouth to signify an eternity of fidelity; the fashion that was set by George IV and Mrs. Fitzherbert a century and more ago. I took train to Notting Hill, walked a hundred yards, looked in a small clock-and-watchmaker's window filled with modern things, but having one small show-case containing old jewelry, and there, sure enough, was an eye-miniature, the first of several I have bought, and the best. The cheapest also, for when I asked the price the reply was: "Would seventeen and sixpence"—four dollars and twenty cents—"be too much?" I have sometimes thought that I would like to conduct a few enthusiastic American collectors on a trip or two in London, for the pleasure of it; I have noticed the delight of some.

VICTORIA Street and Vauxhall Bridge Road meet near Victoria Station; within the angle which they form lies a good hunting-ground; between Vauxhall Bridge Road and the Thames lies Pimlico, another district to our purpose. Or, if you take the Underground train to Hammersmith Broadway, and then the thoroughfare of that

(Continued on page 120)



In the making of a water garden lilies are the jewels, the pool the setting. The pool shown below, located at the end of a garden walk, contains a vigorous growth of leaves above the water level, a sign that the crowns should be divided to gain more space

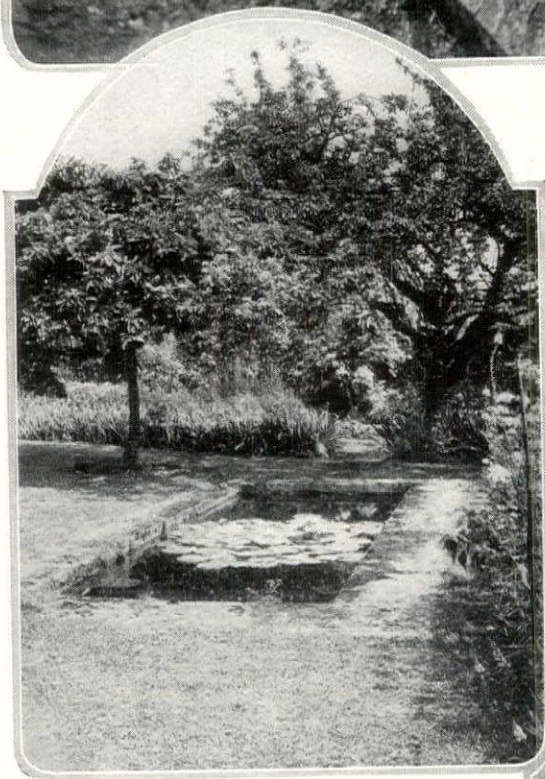


A pool located directly off a summer house makes an admirable setting for water lilies. In this garden the vines have been permitted to cover the fine arches of the loggia; a little judicious pruning would have made the picture perfect. H. A. Peto, architect

LILY POOLS *and* PONDS
in VARIOUS PATTERNS

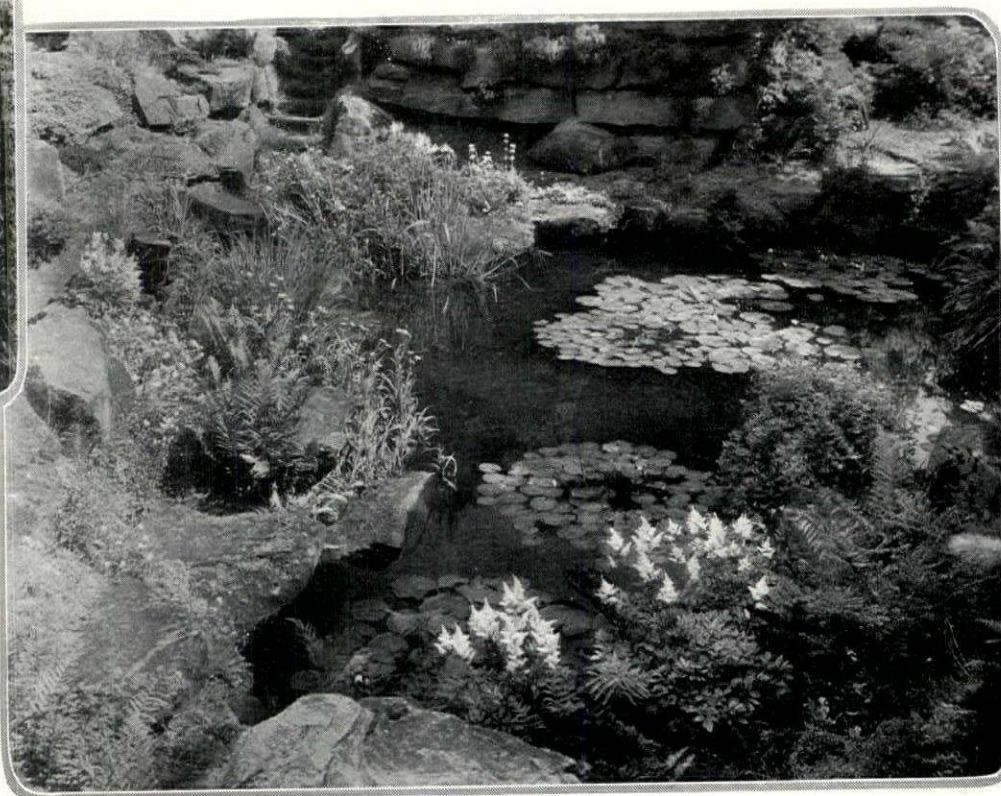


Diana's Bath at Penshurst Place, Surrey, once the home of Sir Philip Sidney, and one of the famous old gardens of England, contains this pool. Its severe lines are modified by the lily pads and flowers



The simplest form of lily pool is the small rectangular basin sunk in the lawn. The example here has a plain stone coping, and the water is kept close to the level of the rim. In the background is a long border of iris

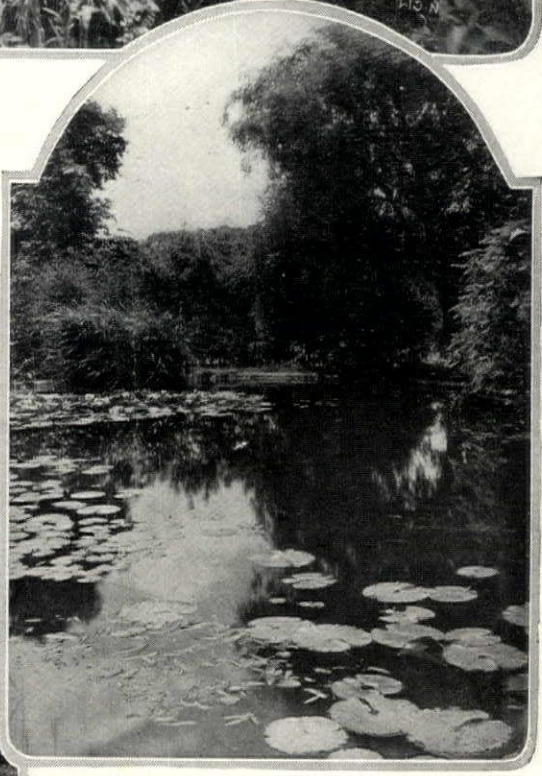
(Below) Groups of pink spiraea and golden ranunculus fringe the margin of this informal lily pool. The rocks on the shady side of the pool are planted with ferns. Rock plants grow in the path's crevices



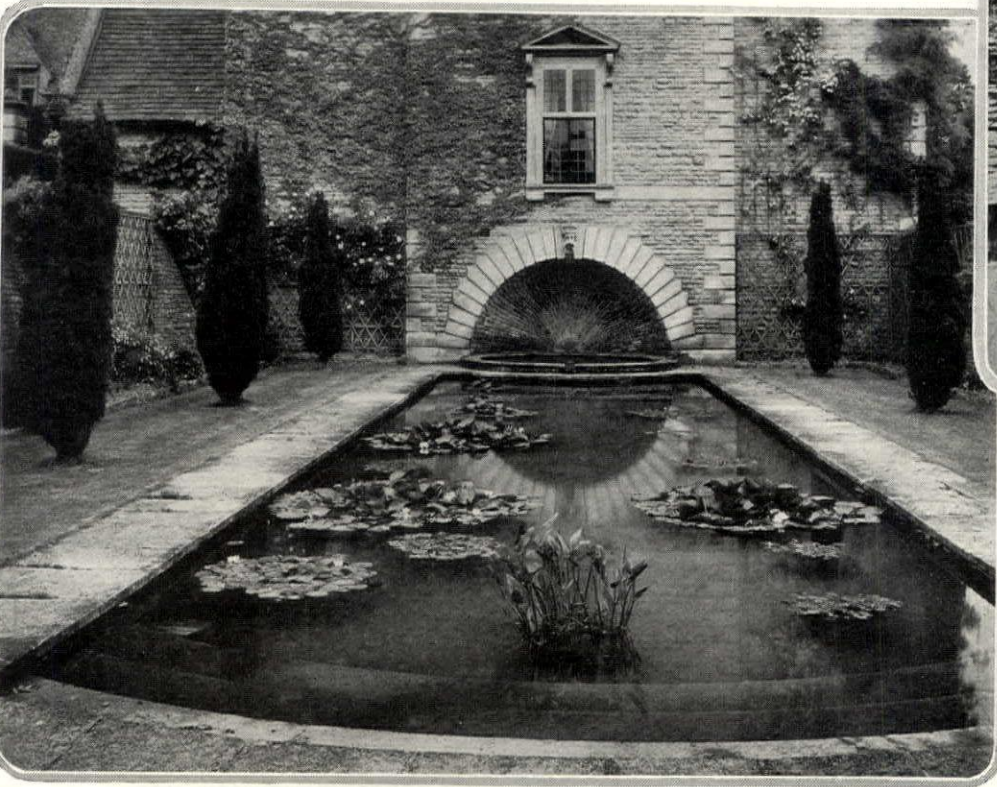


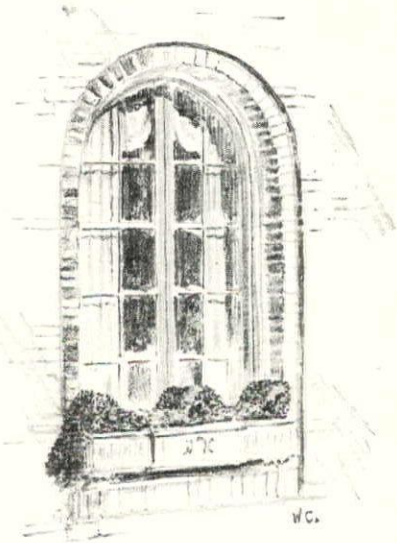
Where one has space for a wild garden and it is supplied with water, the lily pool or a succession of them can be made a feature of the development. On the banks can be planted Japanese and other iris

In a garden at Abbotswood, Stow-on-the-Wold, in England, a feature has been made of the lily pool by its formal design and flanking Irish yews. A small round pool is recessed in the wall of the house



Weeping willows are especially effective when planted on the banks of a lily pond. It also might be noted that in the pool above, the water lilies are kept in groups, which is much more pleasing than if the water were fully covered





GARDENS in WINDOWS

MINGA POPE DURYEA

Box or "rusker" can be clipped to a nice regularity of outline when formality is a thing to be desired in the window box.

In a semicircular "balcony" there is space for small conifers to form a green screen, and some drooping evergreen vines.



PICCOLA, who grew a flower in the crevice of his prison yard walks, will always be the patron saint of those who persist in having flowers in restricted places. In fact, he should be the ideal of those who make gardens in city backyards, and his experience the encouragement for those who would make things flourish in the smallest kind of garden, the window box.

Quite apart from the decorative quality that window boxes give, the growing of them is a form of amusement that has a distinct psychology all its own. For it is one thing—and a relatively easy one—to make several acres blossom like the rose, but to keep a narrow box in flower is a test of the true gardener.

The love of growing things is a persistent and penetrating force with which even the poorest in this world's goods are not untouched. Pass down a tenement street of a summer morning and see the valiant attempts at gardening: a morning glory growing from a tomato can spreads its greenery and flowers up a window; geraniums give their burning reds to a desolate window ledge; wandering Jew sprawls down a stretch of ugly wall; nasturtiums swing in the fetid zephyrs rising from the city street. Between these valiant attempts and the prim and well-kept window boxes of a smart residence there is no great gulf fixed. A love of flowers is a measure of democracy. A window box is a symbol of a home.

The use of window boxes is almost universal. You find it in practically every country, although some have made greater advancement in the art than others. Thus in England and France the window box plays an important role in the average home, England especially.

The Englishman feels that the outside of his home is quite as important as the inside, and no matter how humble the dwelling he always makes an effort to give the outside floral beauty. The average house in town always looks well groomed, with its steps whitened with sand stone and its window boxes filled with bright flowers in the spring and summer and evergreens in the winter.

Before the war there were comparatively few houses of the better class in London that did not decorate the outside in some way with flowers and make them lovely with color. The window boxes themselves in which these flowers are planted, are usually of bright colored tiles mounted in a wooden frame, easily manufactured by any clever carpenter. The tiles come in red, bright green, blue and black, and are held in place by a wooden rim. Certainly the bright green tiled window box in England is much more effective

than our plain green painted wooden one in America.

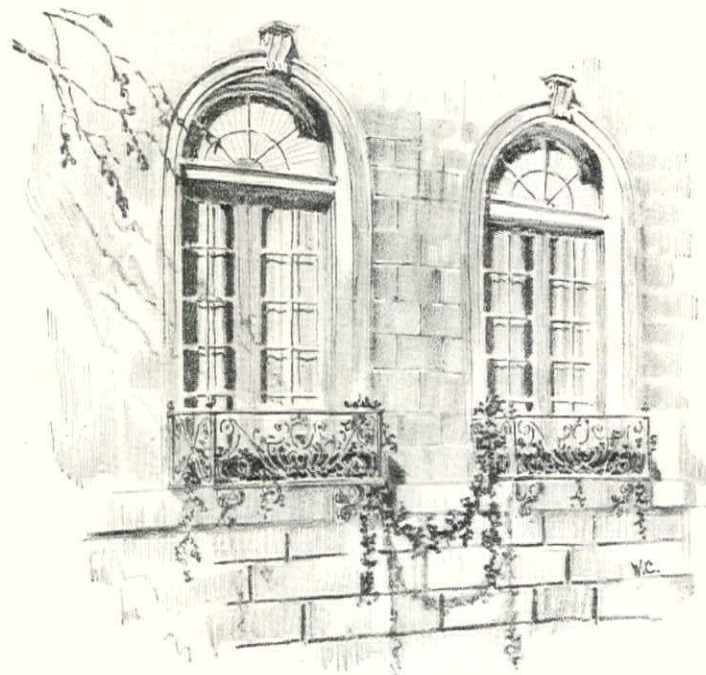
In planting the window box the best way to succeed is to follow the simple architectural lines of the formation of the window itself as a guide to the planting.

Before making a selection of the flowers to use in window boxes it may be well to settle on the construction of these boxes. For a porch, balcony or window they should not be deeper than nine inches, and from nine to twelve inches wide. If on a window sill the box projects beyond the sill it can be held in place by a bracket, or simpler still,—and this should be done to all window boxes—they can be wired in place. Screw-eyes on the rear corner of the boxes and on the window frame, and stout picture wire, will do the trick. Although boxes can be of any length it is wise not to have them over three feet so that they can be easily handled. Self-watering boxes are on the market, the water being poured in one end and drawn up from the bottom.

Hanging baskets can be of wire or wood covered with bark or painted to match the color scheme of the house. In such baskets should be planted, in addition to the flowers, some kind of trailing vine.

While it is possible for the enthusiastic gardener to raise his own window box flowers indoors, especially the annuals, it is really much less trouble to buy them. As in all gardens, there are the shade-loving plants and those that require sun, those for summer effects and those for winter. The position of the box and the season of the year will determine the choice of plants.

In sunny windows one can use the following: geraniums, both the tall and the ivy kinds; petunias and ageratum, both



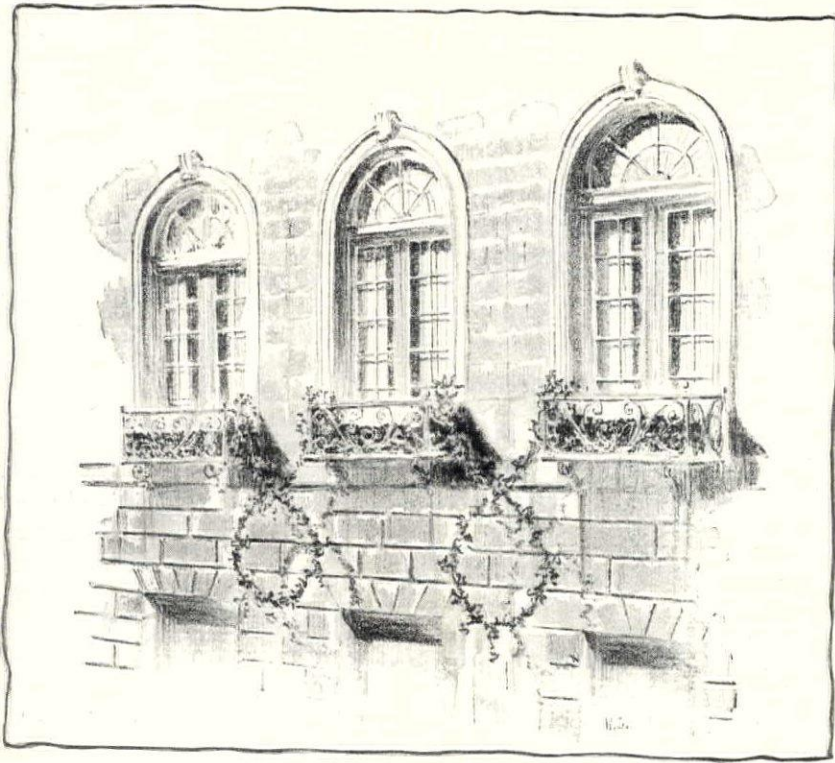
Ornamental grilles of wrought iron may be planted with English ivy and joined with a festoon of the same vine to aid in the decoration

annuals; *cobaea scandans*, a quick growing annual vine; *phlox Drummondii*, an annual that comes in many brilliant colors and flowers freely and long; *verbena*, rich in color and trailing in habit; *coleus*, for its colorful leaves; *laivtana*, a half-hardy perennial constantly in flower with *verbena*-like heads of orange, white and rose flowers; *wandering Jew*, an excellent trailer; *portulaca*, which shows a great variety of colors; *sweet Alyssum*, especially good for a front edging of the box, *nasturtiums* and *forget-me-nots*.

For boxes in the shade the following can be used: *tuberous begonias*, with both single and double dainty flowers and waxy leaves; *begonia semperflorens*; *fuchsias*; *cobaea scandens*; *foliage geraniums*, *crotons*, which offer a great variety in decorative foliage; *funkia variegata*, with equally decorative foliage; *ferns* in variety; *palms*; *English ivy*; *wandering Jew*; *trailing euonymus*; *periwinkle* and *creeping Jennie* or *hysemachia Nummularia*.

The foregoing are for summer planting; in winter, where the position is protected, the boxes may be filled with *box*, *dwarf thuya*, *dwarf retinspora*, *Irish juniper*, small plants of *hemlock* and *white pine*, *English ivy*, and *trailing euonymus*.

The following are some suggestions for



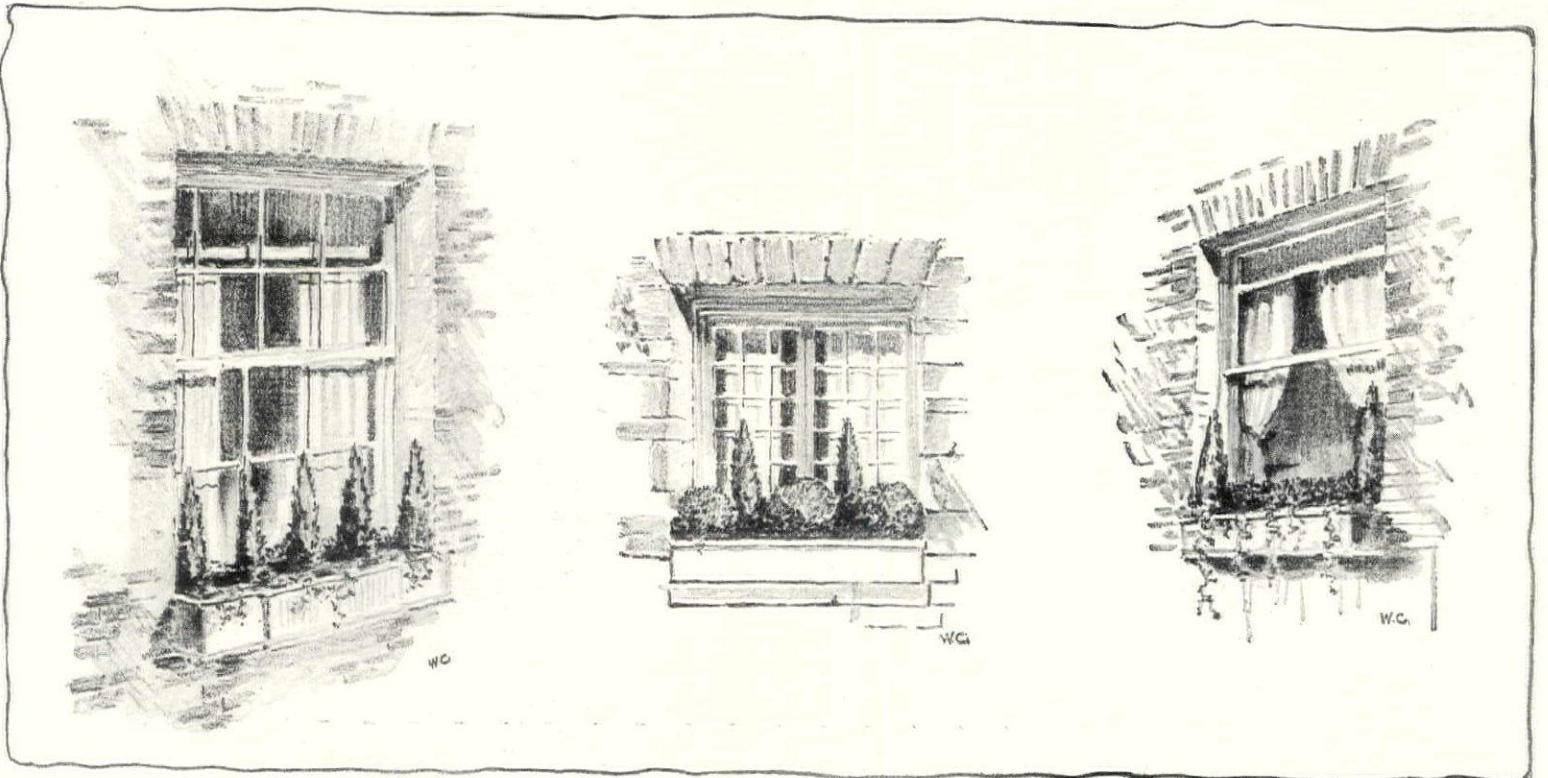
The planting of window boxes can be given striking individuality by such arrangements as this unusually gay one in which vines have been trained on connecting loops of wire

window box flower combinations, according to season and location of box:

Spring: *pink hyacinths*, *light blue pansies* and *white English daisies* or *bellis*; these should be on a lower floor window where the delicate color scheme may be appreciated by passersby; *blue hyacinths* and *pink bellis*, trays of *tulip* can be set in the boxes and the varieties are numberless, although where one can afford it a remarkable display could be made with solid boxes of *Clara Butt pink Darwin tulips* with an edging of *forced candytuft*;

from white to the most fiery scarlet and some have deep red foliage. With the *petunias* one may use vines for a trailer over the edge. Because of its hardy glossy leaves *accuba* make a good summer filler, although the plants should be kept washed clean with the hose.

For fall: *hardy chrysanthemums* in variety or solid colors, especially the early flowering types. Then in winter the small evergreens, such as suggested in the general list above, will serve admirably until Spring comes again.



If window boxes are given some architectural significance, by designing the planting to fit the particular window in which they are placed, the result, as in these three examples, is eminently satisfying. Box, vines and small pyramidical conifers are used in a variety of groupings

THE CUTTING GARDEN

Flowers for the House Should be Grown Where They May be Gathered Easily and Where Their Loss Will Not be Felt

H. STUART ORTLOFF

THE garden designer who strives for an effective pictorial arrangement of bloom for an entire season frequently has to contend with flower cutting on a large enough scale to mar his achievement. Some might consider such a thing of little importance, and remark that such is the prime reason for a garden. In a few instances they might be right, but in the majority of cases a garden is planned as a setting for the house, or as an outdoor living room, a place of joy and a thing of great beauty. One dislikes very much to have their settings bereft of some adjunct which they deemed necessary enough to use, and when such a thing is done they feel much the same as if someone had casually strolled into their home and removed several choice pictures, a lampshade, or some other thing which appealed to them at the moment.

Of course there are times when flowers are most abundant in our gardens, when there is a wealth of certain varieties, or

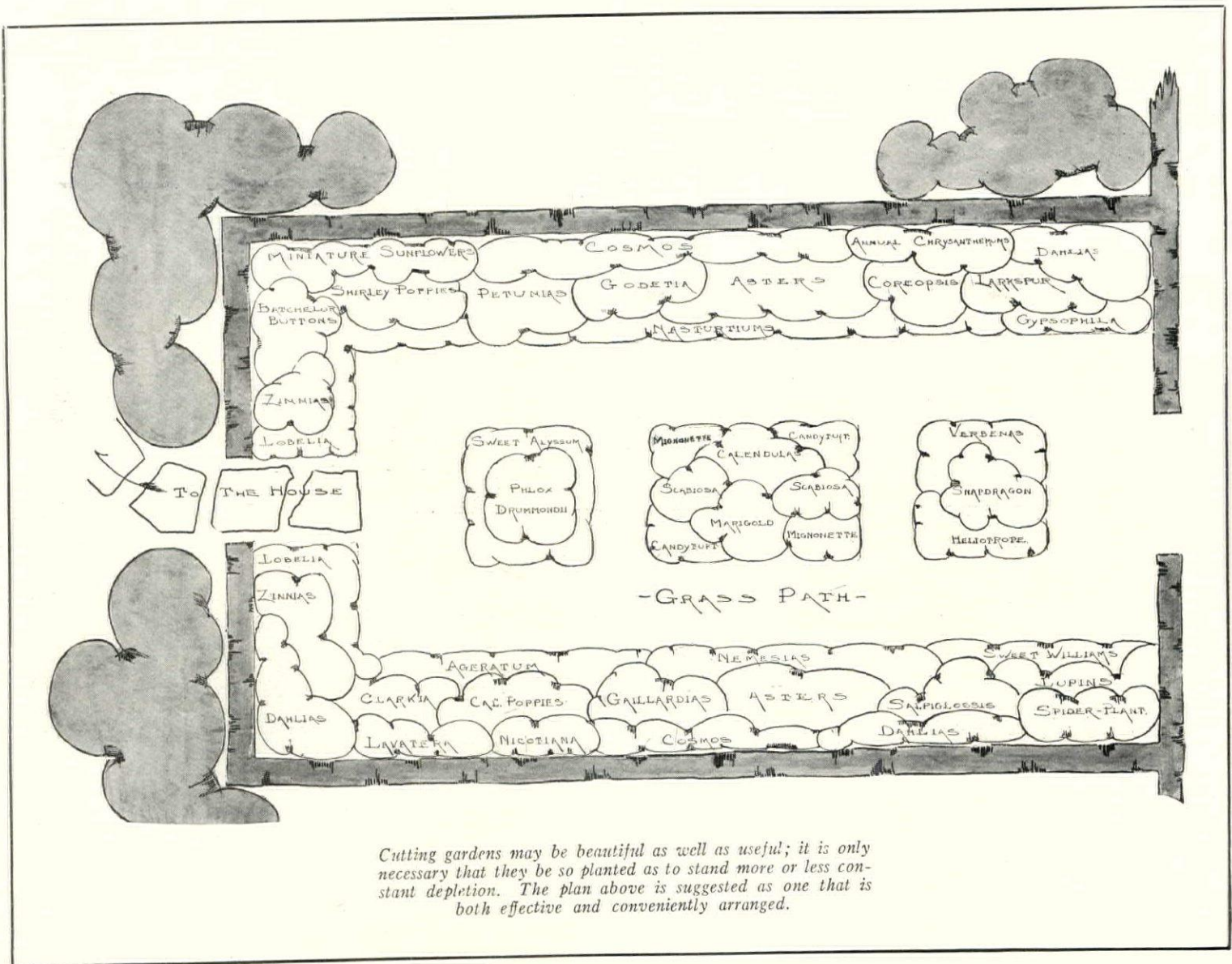
when picking will increase the growth and beauty of some plants, but have you ever noticed that such things are rarely the ones which will suit the picker's purpose? Judicious picking, a few here, another there and so on, is helpful to any garden, for it removes the danger of flowers going to seed; but so few people pick judiciously they demolish the entire bed with their choice. I remember one instance in particular where the crowning glory of one of my gardens was a few glorious spires of gold-banded lilies. Imagine my sorrow when I came into the garden one afternoon to revel in those lilies, and found them gone! True, they were lovely as they graced the fireplace in the living room, but my garden seemed a place of desolation. Another instance was when a Japanese butler stripped the leaves from a choice peony to garnish a dinner table.

Now, as a solution for such difficulties and a hundred more of kindred nature I

present the feasibility of the cutting garden, a place where an abundance of all kinds of bloom and foliage may be picked indiscriminately for every occasion, and still allow the main flower garden to rejoice in its pristine glory.

First of all, such a garden should be located in a convenient and accessible place so that when only a few blooms are wanted one will not have to go to the ends of the earth to secure them. It is well to have the cutting garden conveniently near the main flower garden, but one should be very sure that the route to it does not lead through the main garden, otherwise the temptation might prove too strong to overcome. It might be joined to the main garden, at the end of some small path, a cross axis, or it might be a part of the nursery and proving ground where small plants are raised and the hundred and one experiments are tried before they are entrusted to the more im-

(Continued on page 100)



Cutting gardens may be beautiful as well as useful; it is only necessary that they be so planted as to stand more or less constant depletion. The plan above is suggested as one that is both effective and conveniently arranged.

A LITTLE PORTFOLIO OF GOOD INTERIORS



Drex Duryea

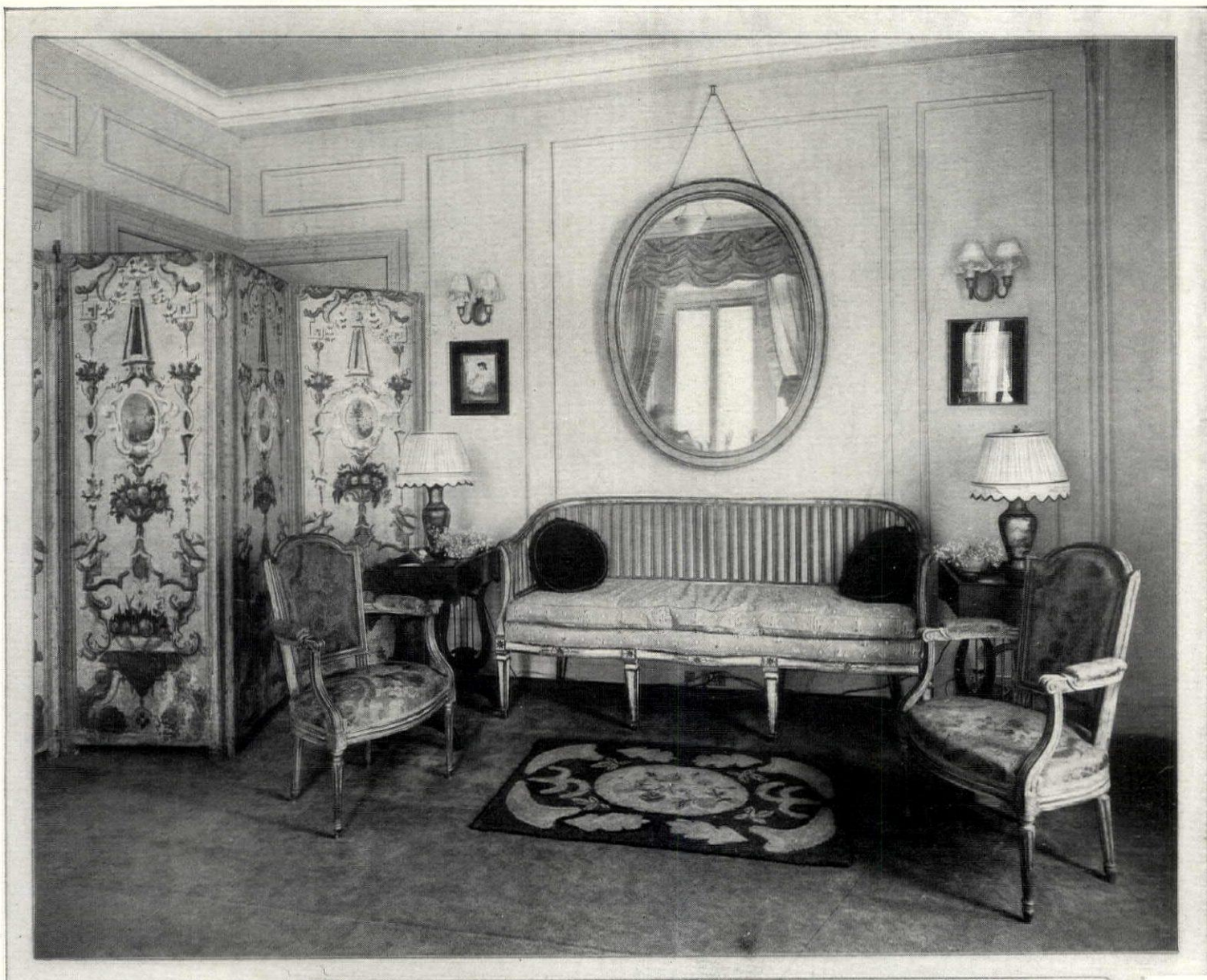
An unusual use of color characterizes the drawing room in the New York home of Mrs. Ernest Iselin. The hangings are yellow taffeta piped in jade and trimmed at the bottom with a band of the same color. The sofa

is also done in green taffeta but the small barrel chair has a prim covering of glazed chintz with a mauve ground and flowers in apricot tones. Some of the colors are repeated in the Chinese painting and Aubusson rug



Furniture effectively arranged and restful coloring are responsible for the dignified atmosphere of this fireplace group in a small library. The walls are green, and the rug matches the mulberry tones in the toile de Jouy window hangings

Shelves of old china make an unusual decoration for a small hall. The walls are yellow with a marbleized baseboard and a black and white linoleum gives interest to the floor. The rooms are in the New York home of Mrs. Ernest Iselin



The drawing room in the New York apartment of Mrs. Clinton Gray has peach colored walls, a painted settee covered in orange and gray toile and an old screen in grays and greens. On the floor is a hooked rug. Mrs. Emott Buel, decorator



Another view of the hall in Mrs. Iselin's house shows the window end with its built-in shelves filled with the owner's collection of colored glass. An effective touch is found in strips of old needlework framing the window opening



A spode plate and cup and saucers with white center and gold edges decorated with a flowered pattern

SPODE PORCELAIN AND POTTERY

Collectors Often Find Difficulty in Determining the Authenticity of Pieces in This Phase of Ceramics

A. T. WOLFE

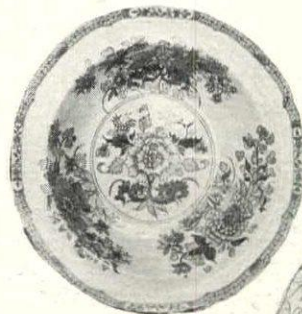
THE amateur collector who may have clearly enough in mind the points of Derby, Bow, Chelsea, and Leeds, will often find himself conscious of a little vagueness when it comes to Spode. For Spode has not those very salient outward characteristics that impress themselves upon the memory. In the history of ceramics it is rather like a mirror, faithfully reflecting the style of contemporary potters, but having no conspicuous style of its own. The fame of the great house stands firmly upon the basic improvements that its members wrought upon the fabric, and in the actual manufacture of earthenware and china, which became standardized through Europe and America and remains practically unaltered today. The list of great inventive potters closes with the name of Josiah Spode.

(Below) A modern Copeland copy of a Spode dessert service in apple green. Trellis and flower design

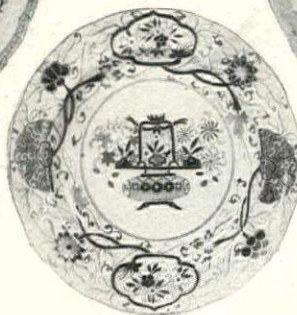


Antique Spode porcelain jug with white ground and black border and painted flowers

The first Josiah Spode began his career in 1749 as a hired workman in the Whieldon factory, which was then a range of low thatched buildings at Fenton, with Wedgwood for managing partner. His next employer was Banks, at Stoke-on-Trent, where the white stoneware was being made and cream color "scratched" and painted in blue. In 1770 Banks retired and his works were taken over by Spode, who now began to put into practice as a master all he had learnt as a workman, adding to each branch notable improvements of his own. Printing in black or white ware was one of his first experiments; this was done by transferring the design and then filling it in by hand with black enamel. Specimens of this black printing are now rare, and though not beautiful in themselves are highly prized by collectors



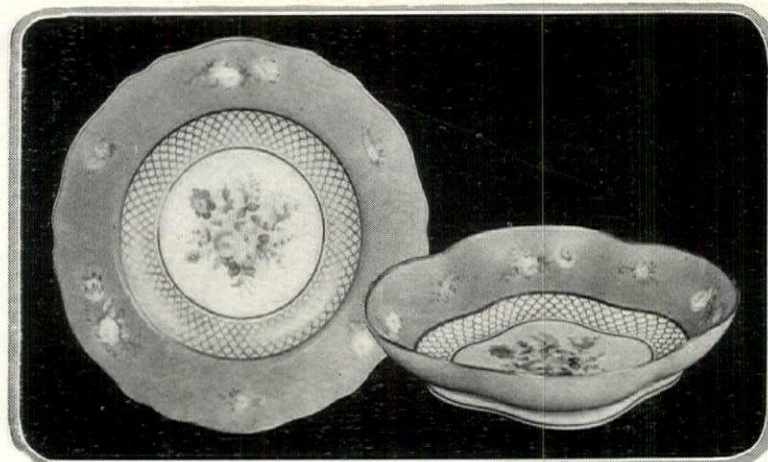
Old Spode pottery plate of Oriental inspiration, with enameled flower and blue border



A modern Spode plate with pink border and flower decorations in soft, mellow colorings

Modern copy of an old Spode plate with decorations on a gray-blue ground

(Below) A Spode dessert plate, basket and stand with a marbled ground and enameled decorations





Spode vase with gold ground and vividly painted flower design

White ground, gold edges and flowers are on this Spode vase



An unusual Spode vase apparently made in imitation of Wedgwood



A modern Copeland dessert service with vivid birds, foliage and flowers, a copy of a design much used by Spode



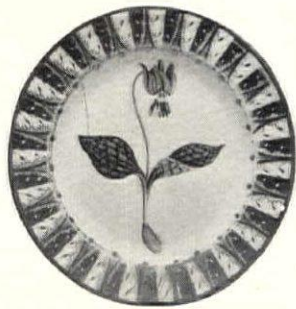
Companion vase to the Wedgwood imitation shown on left of page

of old Spode. On these and the early productions from the factory, the name Spode is found impressed in the paste.

His blue-print is more accessible; its popularity was such that by 1790 it was used on the cream color to the exclusion, practically, of all other decorations. The works turned out huge quantities and the fame of Spode is closely associated with its manufacture.

Yet Josiah Spode did not introduce blue under-glazing printing into the Potteries; it was known and practised long before he was established at Stoke-on-Trent, first at Caughley in Shropshire. But he saw latent possibilities and concentrated on its development.

A good engraver and printer were the first essentials: Spode got both from Caughley, experienced men who knew how to set about the work. First the copper-plate had to be engraved in lines that were deep and strong enough to



Spode plate with white ground and heavily gilded border and central decoration of violet

carry a full body of color; from this the paper-print was taken and transferred straight to the biscuit, and the glaze was then melted over it. This brought about a rich softness and a depth of blue that was considered enormously superior to the results of the old laborious plan of enameling the color over the glaze by hand. It was cheaper, and so much simpler that, with a skilful draughtsman and engraver, there was practically no design that could not be transferred to the plates and crockery. Spode very soon abandoned the plain outline engraving of his first phase and by stippling and punching, introduced qualities of light shade hitherto unattempted; and finally brought the process to such a pitch of mechanical perfection that the most elaborate "pictures" were transferred with comparatively little trouble and cost. The old enamellers were furious; such facility was taking the bread out of

(Continued on page 114)



Cup and saucer and basin of old Spode with a narrow border in pink and gold

(Below) Matching pieces of Spode with gold and flowers on a deep blue ground



DIGNITY IN A MAN'S ROOM

*There Will Be No Loss of Masculine Prestige If the Rooms Occupied
By the Male Members of the Family are Made Individual and Interesting*

JOHN G. HAMILTON

WE NEVER seem to grow tired of talking about rooms reflecting the personalities of their occupants. Reams have been written on the subject and in view of this, it is curious how few men's rooms are ever allowed to be masculine, to really represent a man's tastes and inclinations in the matter of furnishing the space he is allowed to have for his own. Perhaps the explanation lies in the fact that the decoration of a house is, as a rule, left to the woman of the family and when she comes to the man's room or rooms, her interest is apt to flag a bit. The result has been that men's rooms have been either the dumping ground for all the unwanted furniture of the house or else have been done in a manner to suggest a feminine boudoir. Both methods, of course, are hopelessly wrong and betray a lack of imagination, more than anything else.

A room need not be costly to be attractive. The most distinctive room I have ever seen was in a log cabin. There was nothing of great value in it, but there was character in everything and one felt that the room was lived in by a man of intelligence

and that he and his friends enjoyed being there and being intelligent. I could not help comparing it to other rooms I have seen where large sums were spent on the furniture and decorations and which were quite lacking in charm, comfort and beauty. It is rather unusual to find an American man's room that is not uninteresting and ugly. The furniture is nearly always too large in scale for the room, the chairs and sofas are over upholstered, having great thick backs and overhanging arms and nearly always are covered in either imitation leather, bad imitation tapestry or a cheap cotton velour. Upholstered furniture can be good in line, correct in scale and still be comfortable for any man, and there are materials made that are not imitations and are not expensive which are nice in texture, scale and design.

Can a jumble of useless, meaningless things—no matter how smart these things may be at the moment—ever give real

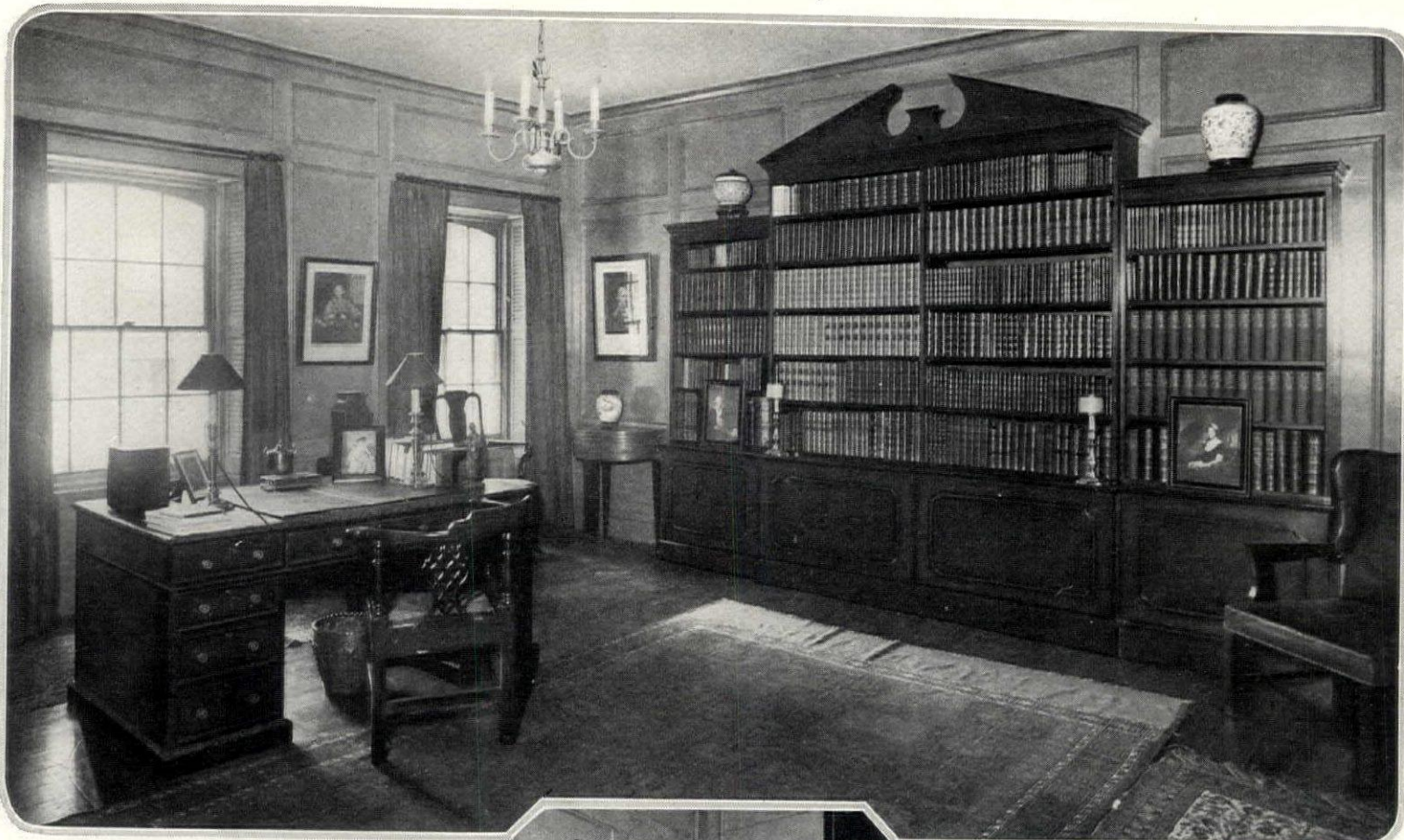
charm or comfort to a room? What possible chance has a room of being harmonious when no thought has been given to it as a whole? When furniture, pictures and hangings have been selected perhaps for their intrinsic beauty and with no thought of their ultimate relation to each other, or to the walls surrounding them. Under such conditions a room has not the slightest chance of being anything but a hodgepodge. It may to a certain extent reflect the taste of the owner, but it certainly does not do him credit and with a little care and thought beforehand, the result might be equally interesting and far more restful and harmonious.

In doing a room we should be able to visualize it completely finished before starting the scheme, in the same manner that an architect must know the house he intends to build before he starts his drawings, otherwise the result is disastrous. We must know color, its value and the important part it plays in a room. I have seen rooms furnished beautifully that have been entirely spoiled by the wrong color used on the walls. This brings us to a question of background, the most important part of the

A dignified man's sitting room in a New York house has restful proportions, paneled walls painted a neutral green, a sofa done in old English cretonne and mahogany and leather chairs



Drix Duryea



When a man owns a quantity of good books let him give them a worthy setting. The finely proportioned mahogany bookcase in the library above is easily the dominant feature of the room

The walls in this study are paneled in butternut. A comfortable chair is done in old needlepoint and additional color is provided by the 18th Century painting and sporting prints on the wall

room. A room that is bad architecturally—and most modern apartment rooms are—is dependant on the right use of color to make it possible.

Books are a great help in making a room livable but careful thought must be given to the designing of the cases, as nothing is so stupid as low book shelves where useless ornaments and photographs are allowed to adorn the top shelf. The book cases should be part of the architecture of the room and

so placed that the books can be reached easily.

Another subject that adds tremendously to the success of the room is the question of lighting. The comfort of a room in the evening depends greatly on the lighting arrangement. Ceiling lights in a sitting room are unnecessary and unpleasant. Lamps properly shaded and intelligently placed are sufficient light for the average

(Continued on page 102)



Coromandel screens in black and gold and a sturdy mahogany sideboard with a black and gold marble top make an effective side wall group in a man's dining room. The decorations on these pages are by John G. Hamilton, Inc.



WHAT YOU SHOULD KNOW ABOUT LINOLEUM

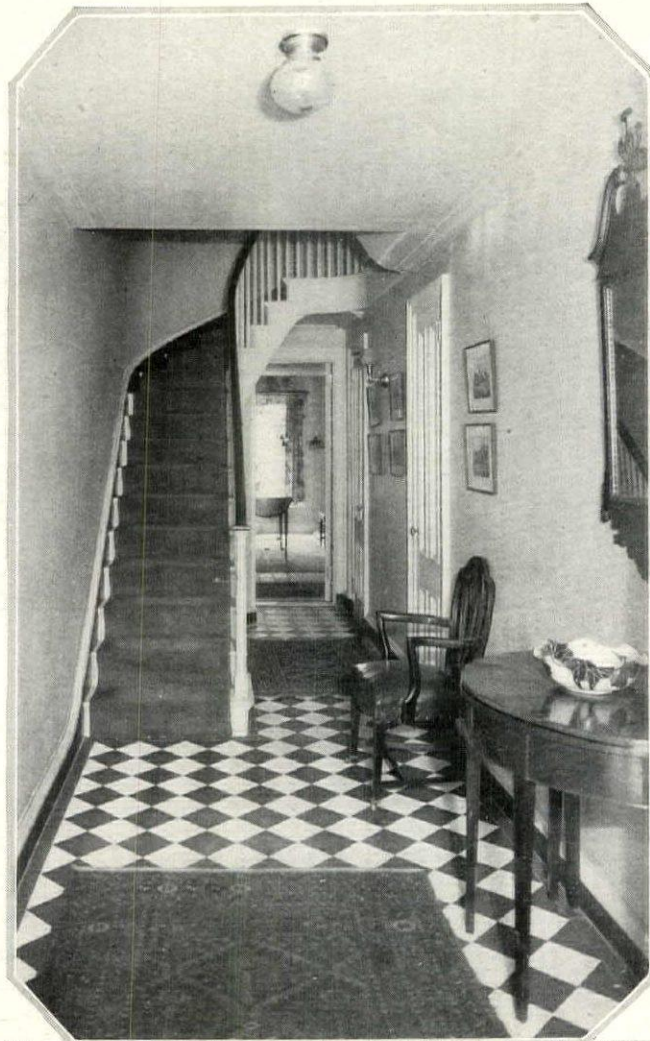
*The Attractive Appearance, Durability and Comfort of Linoleum
Adapt It to Many Types of Rooms*

ETHEL R. PEYSER

ONE of the reasons why linoleum is used as a floor covering on most of the great battleships of the world is that it is more comfortable to walk on than many other types of flooring. Add to this its durability and the fact that once laid it is not affected by salt air or changes of temperature, and one can readily understand its importance as a floor covering. And if it can stand the hard usage of a battleship or an ocean liner, it is logical to feel that it would be of equally long and suitable service in the average home.

Linoleum is a mixture of cork, linseed oil and burlap and comes with designs either printed or inlaid. Inlaid means that the pattern goes through from back to front. This is the most expensive type but as the design lasts as long as the linoleum itself, it means economy in the end. The printed variety has the pattern on the surface only, but deep enough to outlast many another type of floor, provided it is treated with ordinary care.

In buying linoleum the first thing to remember is that to be



genuine linoleum it must have a burlap back. Felt paper and other things parade as burlap but it is easy enough to distinguish the difference by trying to tear it. Burlap holds; felt paper backing, with a little force, can be torn.

After one has decided to use linoleum and chosen the design most suited to the type of room it is to go into, the question of laying it arises. It is of utmost importance that linoleum should be laid by an expert for there is a right and wrong way of doing this and the wrong way means death to comfort.

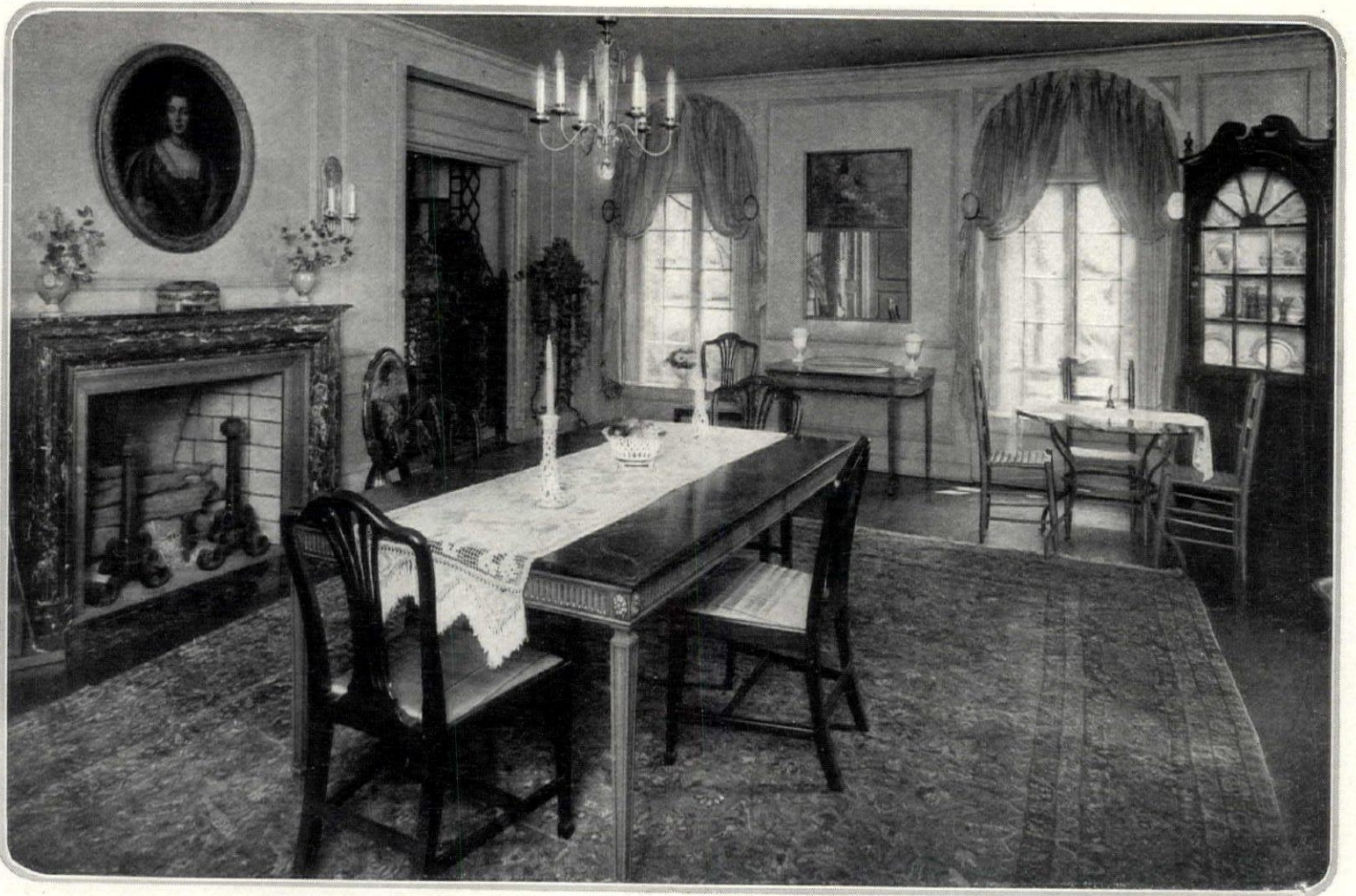
The best thing about linoleum is that it can be laid over any kind of floor, provided this floor is smooth, dry and level. If your flooring is of cement or concrete or composition of any kind, every crack must be filled with plaster of paris and allowed to dry at least two months before the linoleum is applied. If you lay the linoleum over wood, the floor must be seasoned, and all tacks, nails, etc., hammered far below the surface.

Felt should always be laid under linoleum as it gives the floor
(Continued on Page 134)

Linoleum in a black and white block pattern brings distinction to what might have been an uninteresting hall



Linoleum makes the ideal floor covering in a kitchen as it is durable, comfortable and easily kept clean



The restful dignity of the formal scheme of decoration for the dining room finds an added note of intimacy in the children's table by the window. Agnes Foster Wright is the decorator

The living room utilizes for part of its effect a tinted plaster finish in one of the newly developed rough textures. The Italian mantel in veined marble is of exceptionally pleasing proportion



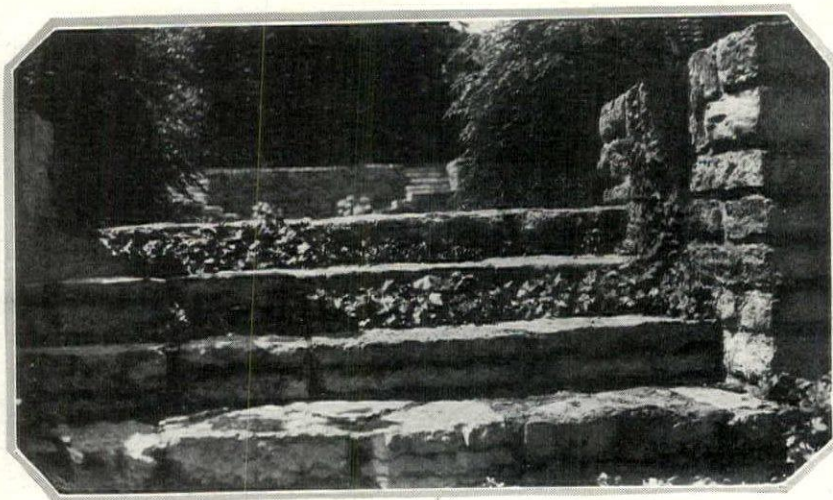
STEPS AND STAIRWAYS FOR THE GARDEN

*If They are to be Comfortable and Beautiful, They Must be
Considered as More Than Series of Ups and Downs*

RICHARD H. PRATT

STEPS and stairways in the garden should make climbing a luxury. No matter how long the flight it should seem something to be taken almost without effort. Merely to sit and contemplate a steep and unbroken array of steps is a task in itself and one to bring on a state of exhaustion before the ascent is begun. Therefore, while the subject of garden steps is one to tempt you to stress the infinite possibilities of their artistic design and treatment, it is more to the point to emphasize first the bare details which, correctly disposed, make them comfortable and convenient.

These details are largely concerned with three things known as treads, risers and landings. As the name implies, the tread is that part of the step upon which you tread. It should be firm underfoot and so imperceptibly sloped toward the front that it will appear level yet drain off readily. The riser is the vertical height between treads. To make the business of mounting steps seem unawkward it has been found necessary to maintain a certain relation between



A close-up of a short flight of stone steps in which the stone courses fit nicely into the side piers

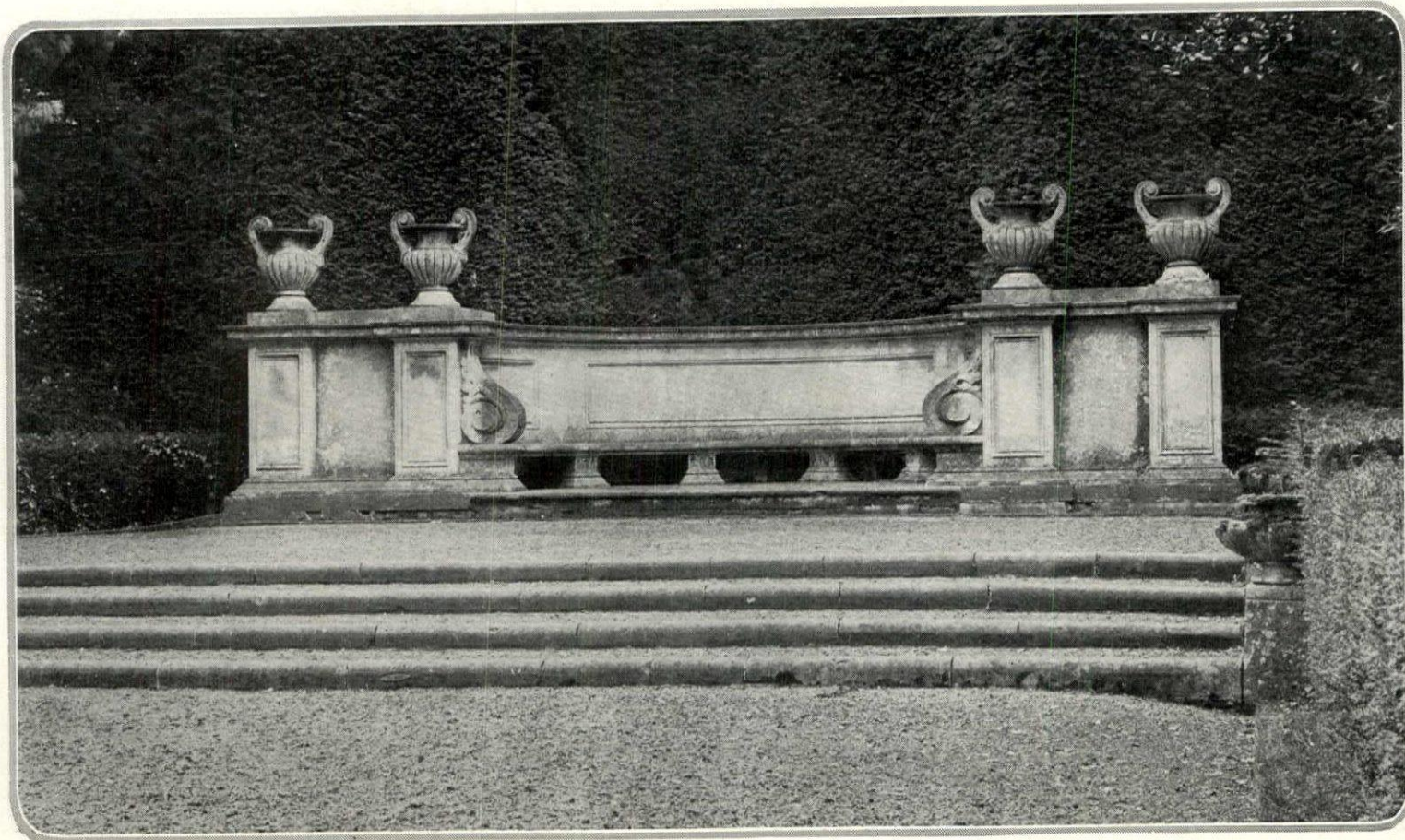
the dimensions of the tread and riser. This relation is contained in a simple rule which requires that in garden steps (indoor stairs being necessarily steeper, as a rule) the height of the riser in inches, multiplied by the depth of the tread in inches, shall equal 90; the riser never being higher than 7" nor lower than 4". In this way a

A broad, formal flight, with low, rounded risers of cut stone, and treads made by filling in with gravel

tread 15" deep would be combined with a riser 6" high, a riser 5" high with a tread 18" deep, and so on. Further to insure climbing ease on long flights of steps, landings should be placed at every 6' in height, where a rest may be taken.

If these rules are followed it is hardly likely that the stairway will present any difficulties as a means of leisurely communication between two levels. But it does not follow that the stairway will be either beautiful or appropriate to its situation. These qualities are gained by giving the steps the air of belonging to their situation and by building them of such materials and in such a way that they will harmonize with the accompanying garden architecture. In a broad, open garden, for example, the steps should have a similar feeling of breadth, as in the short but impressive flight shown at the bottom of this page.

On a long steep slope it would be obviously impossible to build steps running with the slope which would make an easy climb. It is necessary to break the direc-





A double stairway, interestingly designed, and constructed of dry masonry in which wall plants are used, forms a splendid end to its garden



The landing at the head of these semi-circular flights is supported by an arch that serves as a niche for a bench on the paved terrace below

In the Philadelphia garden of S. McIlhenny the steps compose beautifully with the wall and arched entrance. Mellor, Meigs & Howe, architects

In a wild garden steps are taken leisurely and they may ramble up their slope heedless of the rules that govern the more formal flights



tion of the flight and let it run across the slope. This method of step planning produces such a flight as that illustrated at the top of this page. In this case the flight is divided at the top and, separating, produces two balancing flights. It is a kind of stairway susceptible to any number of variations in design. Very often the recess used here to hold a garden bench can be admirably adapted to form the background for a pool or fountain.

Steps may be built with or without sidewalls or ramps. The function of the sidewall is primarily to protect the steps from earth washing in at the sides, but it also gives the flight a more substantial air than it would have otherwise and it further serves, at times, to prolong the line of

(Continued on page 138)



PRUNING SHRUBBERY TO OBTAIN EFFECTS

*Some Suggestions for Handling the Shrubs
That Flower in Spring, Summer and Autumn*

CARL STANTON

TWENTY years ago the shrub bed shown in the illustration was a beautiful sight to behold. The height of the shrubs varied from 2½' for those in front to the 8' hardy hydrangea (*Hydrangea paniculata* var. *grandiflora*) in the center. The entire bed comprises part of the foundation planting for a house, which is set in the center of four acres of rolling lawn, and the shrub bed is thus seen from nearly all parts of the estate. Thus it fulfills a very important need, in that of "tying" the house into the landscape by forming a connecting link between it and the lawn.

For ten years after planting (until the original designer moved away) each of these shrubs was carefully pruned each year to maintain its relative proportion to the others, adding its bit of beauty to the whole, and yet at the same time flaunting a beauty of its own to all who cared to notice it. Due to the lack of knowledge of the fundamentals of pruning, the new tenant allowed the shrubs to grow as they pleased, with the result that the stronger ones soon crowded out the slower growers, and the whole bed became a miniature wilderness. In this state it remained until a landscape architect's superintendent bought the estate.

This last tenant realized the effect for which the original owner was striving when he planted the shrub bed, and set about to remedy the overgrown condition of the bed, and restore it to its former place among the beauties of the estate. He saw that the hardy hydrangea in the center was planned to overtop the other shrubs, so that during the fall its huge bouquet of flowers might

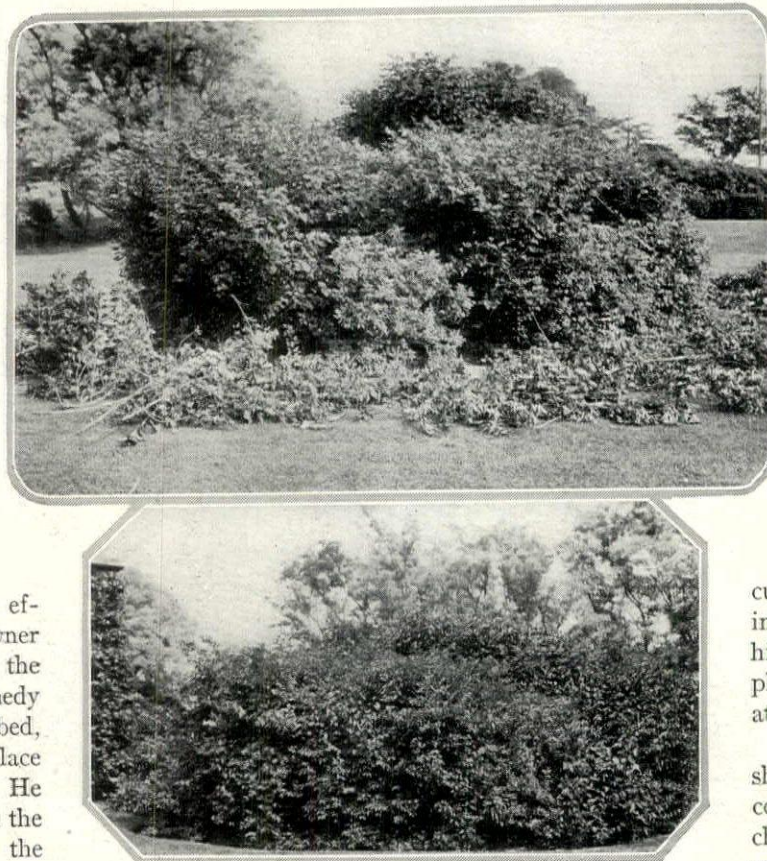
stand above the rest, and be seen from the far corners of the estate. Yet here it was, supposed to be the crown of the bed, entirely hidden by rank-growing viburnums and lonicera. It took this expert just four hours to restore the intended relations between the shrubs by careful pruning and yet it was so well done that a month later not a single stub could be seen as one looked from the outside of the bed.

First, he made it a point to study carefully the situation to see just how much cutting to do on each shrub to obtain the desired effect. He commenced work on one of the shrubs on the outside (or front)

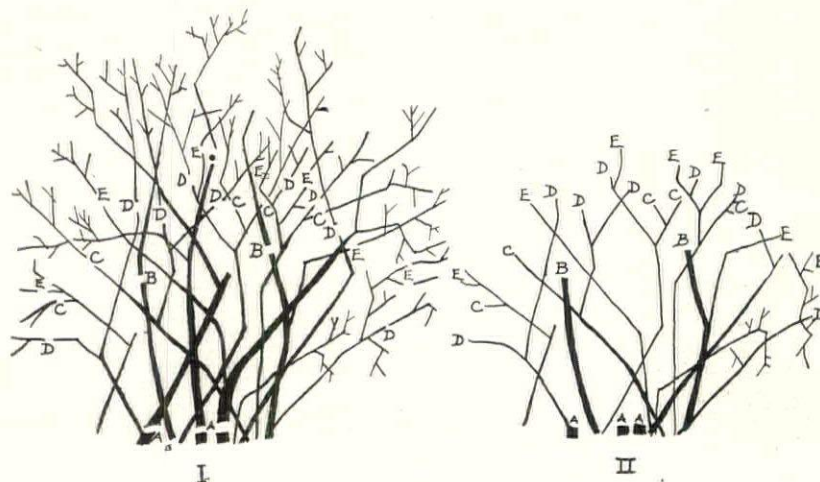
row, working at first from the back of it. With a pair of long handled pruning shears, and occasionally a saw, he removed three or four of the very oldest branches (some of them almost trunks) from each shrub, making the cut as low down as possible. ("A" in the drawing.) The next step was to shear off one-third of the number of oldest branches left, at a point equal to about three-quarters of the intended height of the plant. (See "B".) By this time he had taken out the larger percentage of the wood he intended to remove, and yet the most difficult pruning of all lay ahead. The fourth step consisted of cutting off the remaining branches at approximately the height that the shrub was to be left. I say "approximately" for one of the greatest fallacies in pruning lies in leaving the top of the shrub perfectly smooth and even, unless, of course, it is a hedge plant. The idea is to cut the older wood 1' below the desired height (C); the somewhat younger ones, 6" (D); and the last season's growth at the desired height (E) allowing the center to be slightly taller than the outside, as is the case with a shrub growing naturally. Bear in mind that each branch should be cut just above a new shoot or bud, in order that this may grow and hide the blunted end. That completes the work on any one shrub at present.

In determining the height of the shrub next to the one he had just completed, the pruner recalled its characteristics to see whether it naturally grew taller or shorter and determined its comparative height

(Continued on page 98)



The two photographs are "after" and "before" views. The latter shows a rampant growth in which the beauty of the individual shrubs is lost. After pruning, each shrub had a chance to grow and blossom well



By studying these diagrams of the treatment accorded both the high and the low shrubs, one can see that the first process is to cut out the old wood (A and B) and bring the new growth down, as in C, D and E



This pure type of American Colonial doorway is designed with the utmost degree of scholarly detail. It has a broken pediment, with realistic pineapple finial and fluted pilasters. Harry B. Little, architect

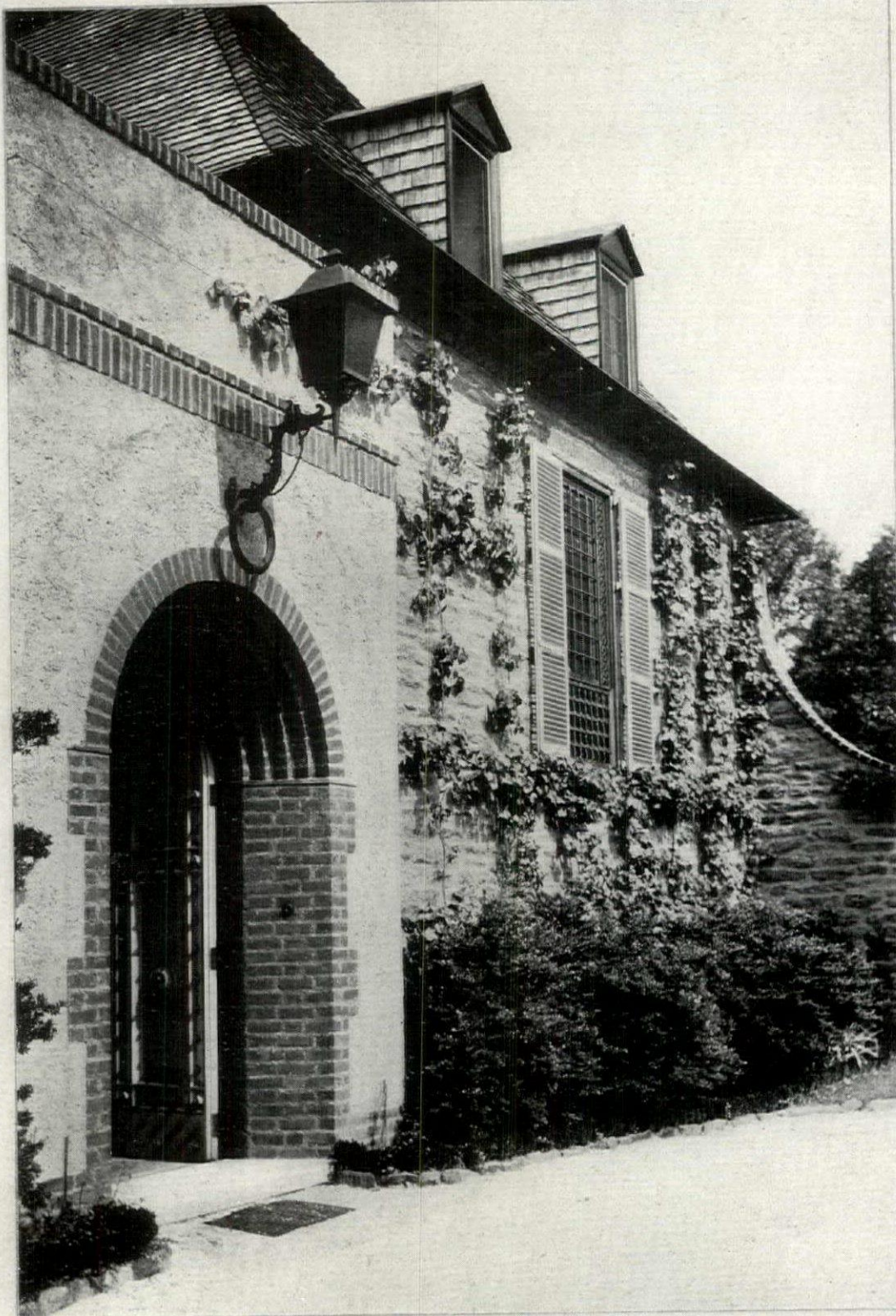


Buckley

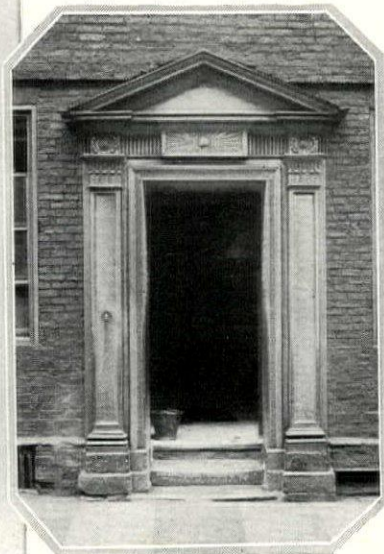
Wallace

The overhanging "Germantown hood" in this illustration is one of the most characteristic of native American treatments. Pennsylvania is its habitat, and this example is seen on a Germantown house recently designed by C. A. Ziegler

HAS YOUR DOOR AN ARCHITECTURAL PEDIGREE?

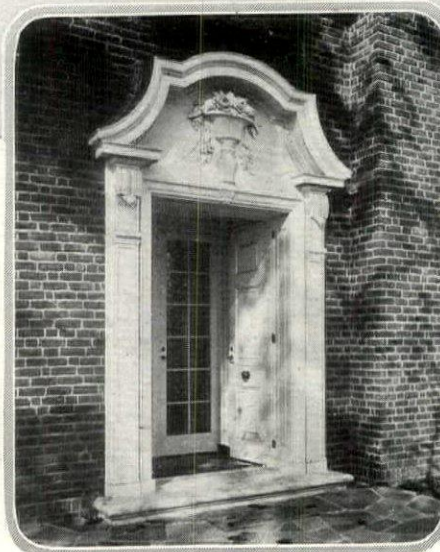


This late 18th Century doorway of a house at Versailles combines in its design a blending of classic dignity and French urbane finesse of detail

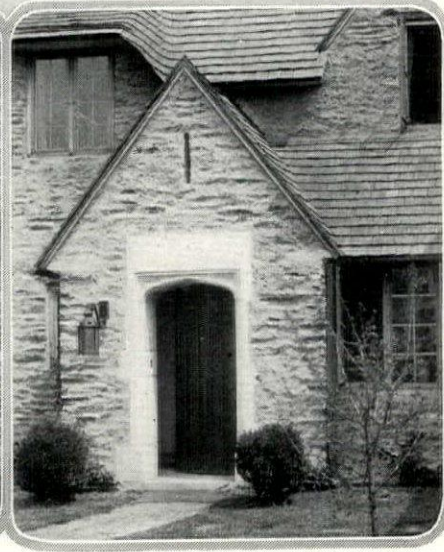


A doorway in York, England, which is characterized by the mid-Georgian classic traits of the 18th Century: a fine study in proportion and detail

In this Pennsylvania country house entrance there is a happily localized feeling of the best modern English domestic work. Mellor, Meigs & Howe are the architects



Clark



A stone doorway which goes back to Tudor England for its inspiration, colloquialized here in a Pennsylvania house. Mellor, Meigs & Howe, architects

Georgian design of an Italian type is expressed in the stone doorway of a house at Montclair, New Jersey. It was designed by F. A. Nelson, architect



This shell-hooded doorway, with carved console brackets, in Buckinghamshire, England, is characteristic of the vigorous style of its 1680 period



A late 18th Century doorway in Gloucestershire, which reflects the urbanity and studied simplicity of the Regency, and is full of hints for present day use

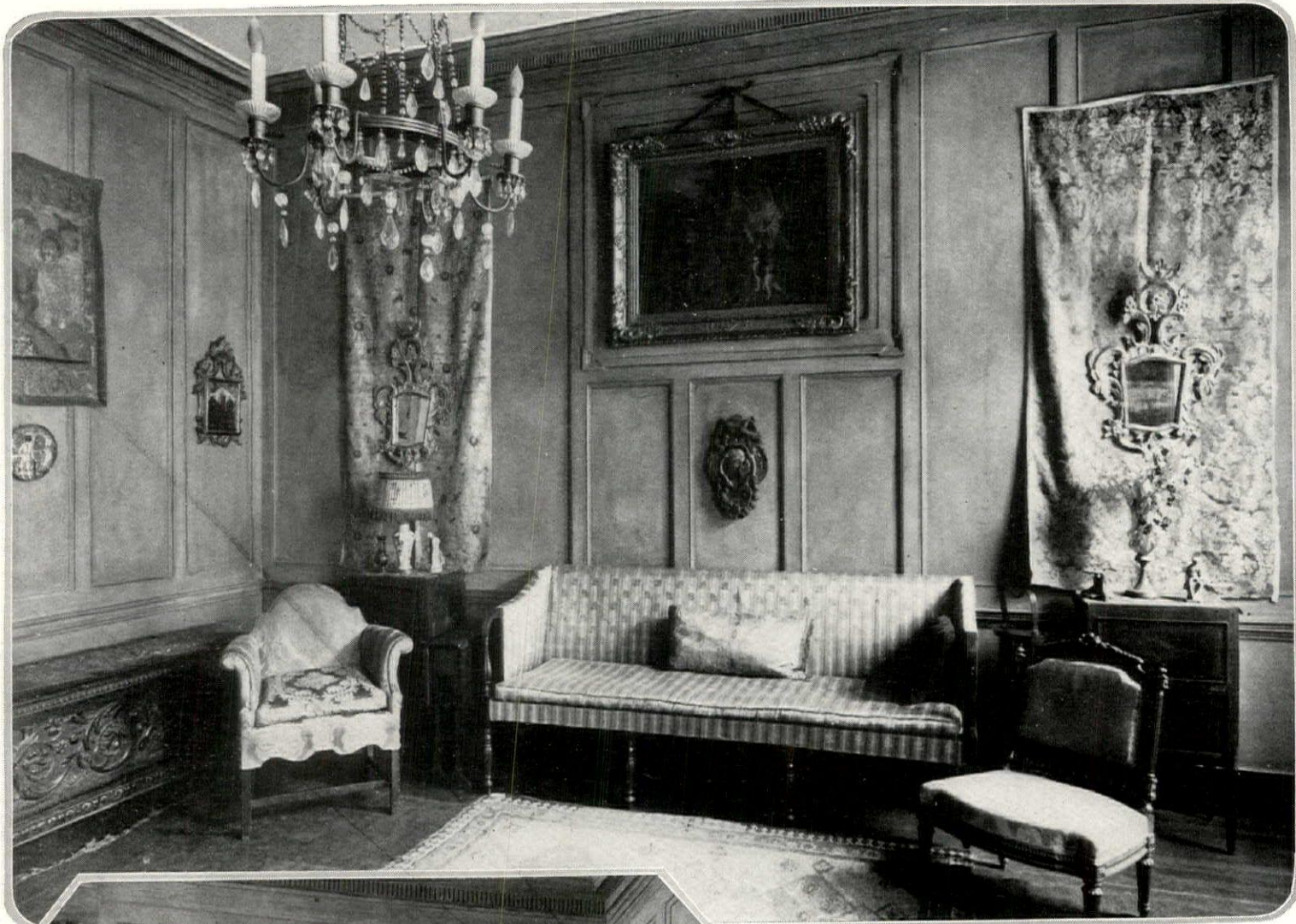


Distinctly Italian feeling is evident in the exquisitely refined low relief detail of this late 18th Century French doorway at St. Vigor, Viroflay, Seine et Oise

A formal doorway in Gloucestershire, England, characterized by the Neo-Greek classicism of the Regency. The Georgian note is seen in the leaded fan



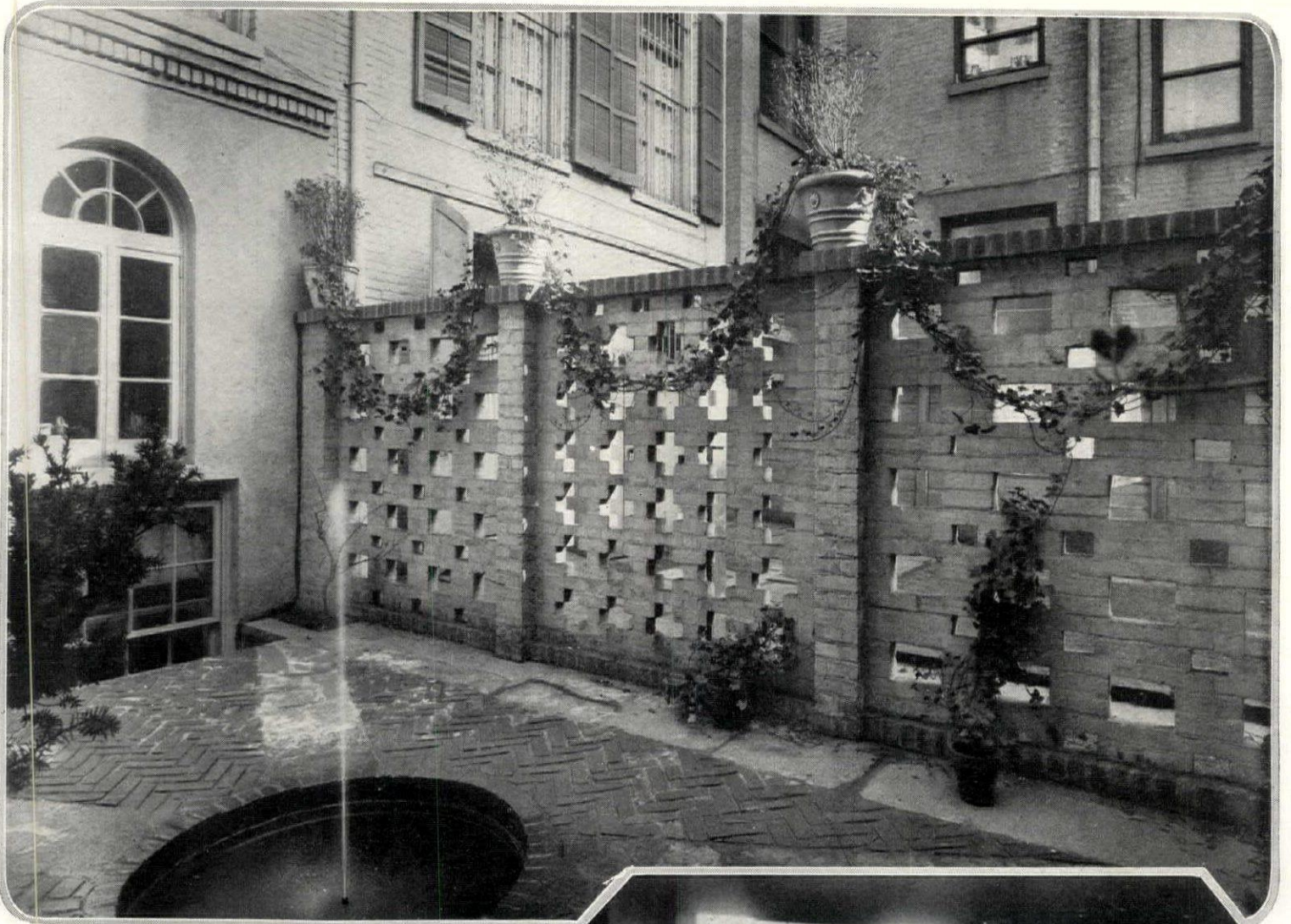
A well-studied example of the modernized American version of Italian villa architecture is this doorway from a house at Syracuse, N. Y. Dwight James Baum, architect



The drawing room is formally treated, in both its architecture and its decoration. The paneling is gray-green, and the furniture well chosen for this type of room. The drawing room occupies the entire width of the house on the second floor, and is separated from the dining room by the stair foyer. The kitchen, which is also on the second floor, is at the back of the lot, separated from the front portion of the house by a brick court and reached by a passageway along one side

An unusual device in the drawing room is the location of the fireplace at the extreme right of one of the long walls. This accomplishes two things which help make up for sacrificed symmetry. It provides a long unbroken wall space for a large piece of furniture or a grand piano, and adds a sense of intimacy to the fireside. The well related scale of the moldings, and use of the small hob-grate make this an unusually interesting and very delightful study in fireplace design

A TOWN HOUSE REMODELED
for LIVING and OFFICES



A brick wall of ingenious and interesting design forms one side of the court which separates the main portion of the house from the studio and the kitchen above it. The plan of this unusually designed house consists of two parts: the house proper and the two-story studio and kitchen, at the back of the lot, the two parts connected by a passageway. The first floor level of the passage connecting entrance hall and studio; the second floor level connecting dining room and kitchen

The studio entrance, seen across the court from one of the library doors. Above the studio door is the terrace outside the kitchen windows. This illustration conveys the best picturization of the unusual plan of this house, which suggests a solution for the problem of any professional man who wants to combine his home and office on one city lot. The lot on which this house is built moreover, is only 18' wide and 100' deep. Wm. Lawrence Bottomley, the owner, was the architect



THE NEW YORK HOME of WM.
LAWRENCE BOTTOMLEY

SUMMER and AUTUMN VEGETABLES

By Careful Succession Planting the Food Garden Will Yield Its Increase Far Into the Winter

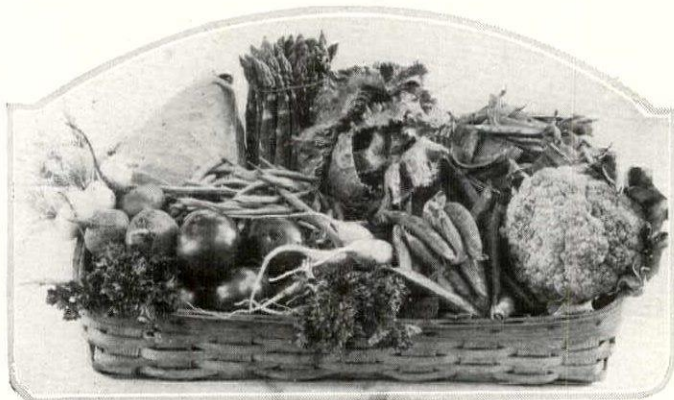
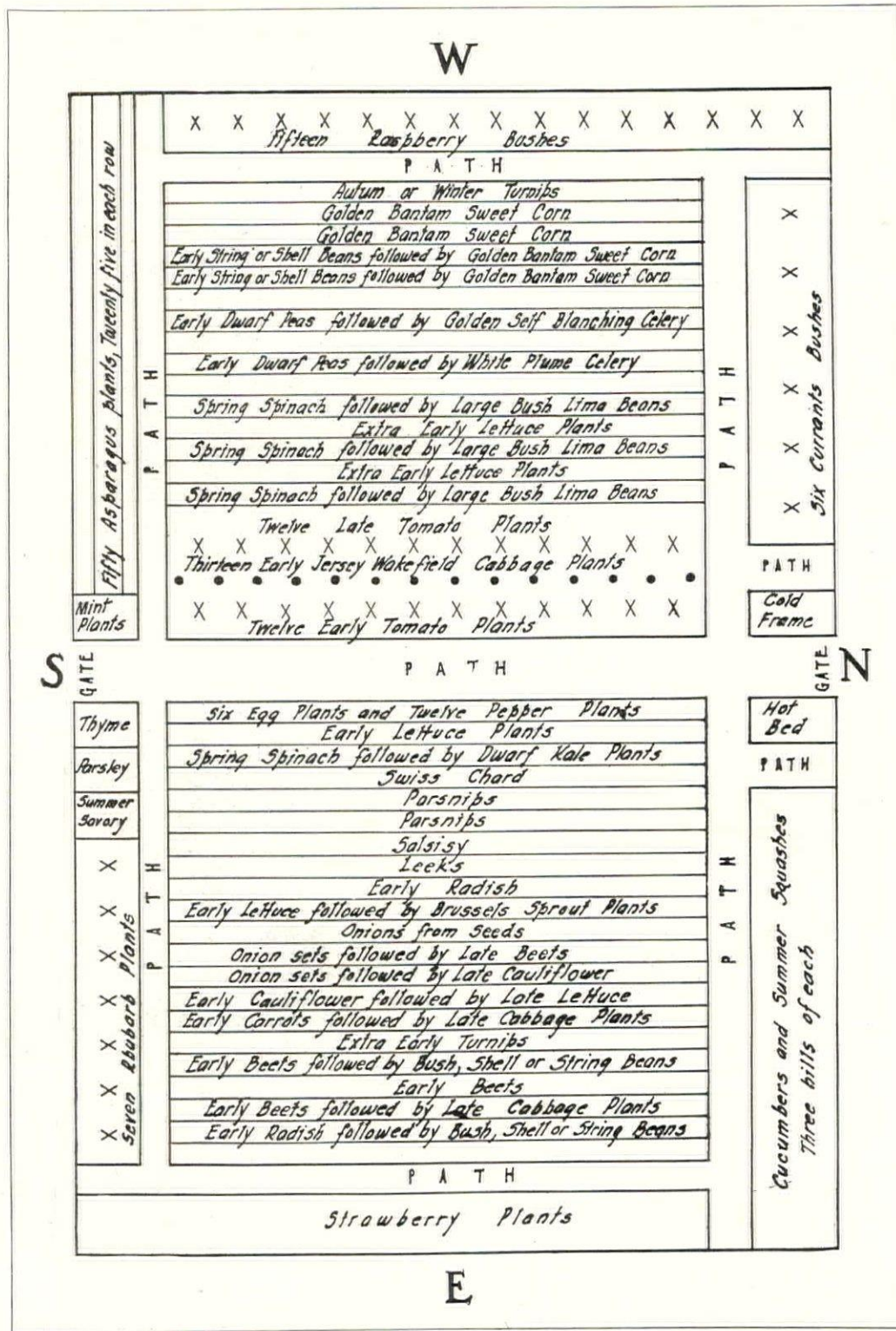
JOSEPH HENRY SPERRY

THERE is no exact date which marks the passing either of the early spring, or summer vegetables. Before all the crops resulting from the early spring plantings have been gathered, the plants which give summer vegetables are up and growing on, and while the gathering of these summer vegetables is still progressing, the plants upon which we depend for our autumn crops are under cultivation.

To obtain the maximum quantity of high quality vegetables from our garden, especially if this is of a somewhat restricted area, is a problem of first importance, the most obvious solution of which is the growing of two crops, as far as possible, on the same space in the same season.

The growing in the same season of a second crop where the first grew is not feasible in all cases. Seeds of some kinds which produce mid-summer, or even autumn crops have to be sown at the same time as those which produce the early spring vegetables. In short, there are certain crops which occupy the ground the entire season through, or so much of it that it is too late after they are gathered to plant a second crop where they grew. To this class of vegetables which occupy the space in our garden the entire season, belong parsnip, parsley and salsify, some part of each of which need not be gathered till the following spring, and also onions grown for the winter supply. Tomato and egg plants also occupy the ground the entire season after they are transplanted into the garden, but they can follow the early spinach, lettuce and radish, which will have been harvested by May 10 to 20, quite early enough for setting out tomato and eggplant in the open garden, and in this way two crops are grown on the same space. Some amateur gardeners who are always trying to rush the season set tomato and eggplants at an earlier date between the early cabbage or cauliflower plants or the rows of vegetables that pass off the stage early, doing this without any special preparation of the ground for the second crop. Such gardening, it seems

(Continued on page 118)



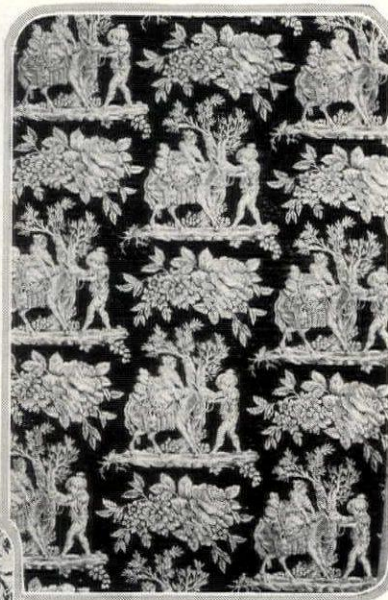
The word "Plant," used in this plan, indicates that plants raised in hotbed and cold frame are transplanted into the rows. In all other rows seeds are planted. "Followed by" means that as soon as the vegetable mentioned before these words is gathered, the ground is to be dug over again and the vegetable mentioned after these words planted or transplanted into the same row, so as to raise two crops in them each season



The main interest of the bedroom in the photograph above is provided by the mauve and white toile de Jouy which covers the bed and makes the curtains. This is charming with the pale pink gauze glass curtains and pink taffeta dressing table. Wood, Edey and Slayter were the decorators



The classic design above is exceptionally decorative. The ground is putty color and the figures old blue, deep red and mauve. 50", \$8.70



The classic design of the toile above comes in either red, lavender, black, or blue on a white ground. It is 32" wide and \$1.65 a yard



Above is a well-balanced pattern which comes in white on either a rose or old blue ground. It is 31" wide and is priced at \$3.15 a yard

An effective toile with peacocks, urns and classic figures comes black on mustard yellow, blue on white, rose on white or mauve on white. 31", \$1.65

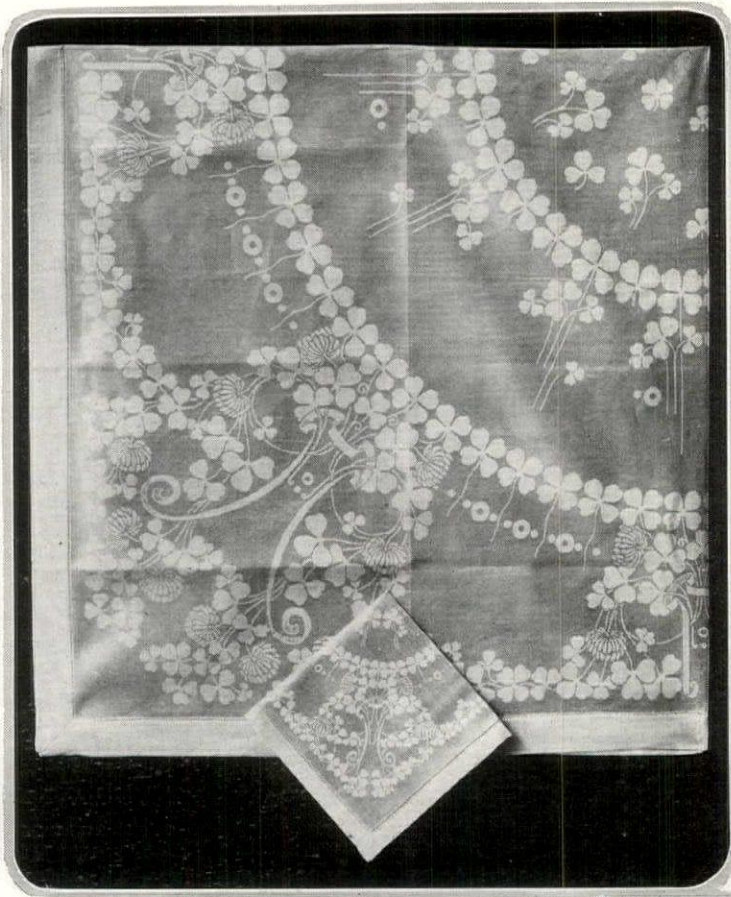
The amusing and gay design above is in deep wine color, blue, green and a little mauve on a buff ground. It is 40" wide and \$6 a yard

The formal pattern of the toile on the right comes in mulberry, black, blue-green, red or olive green on a white ground. It is 31" wide and \$1.80 a yard

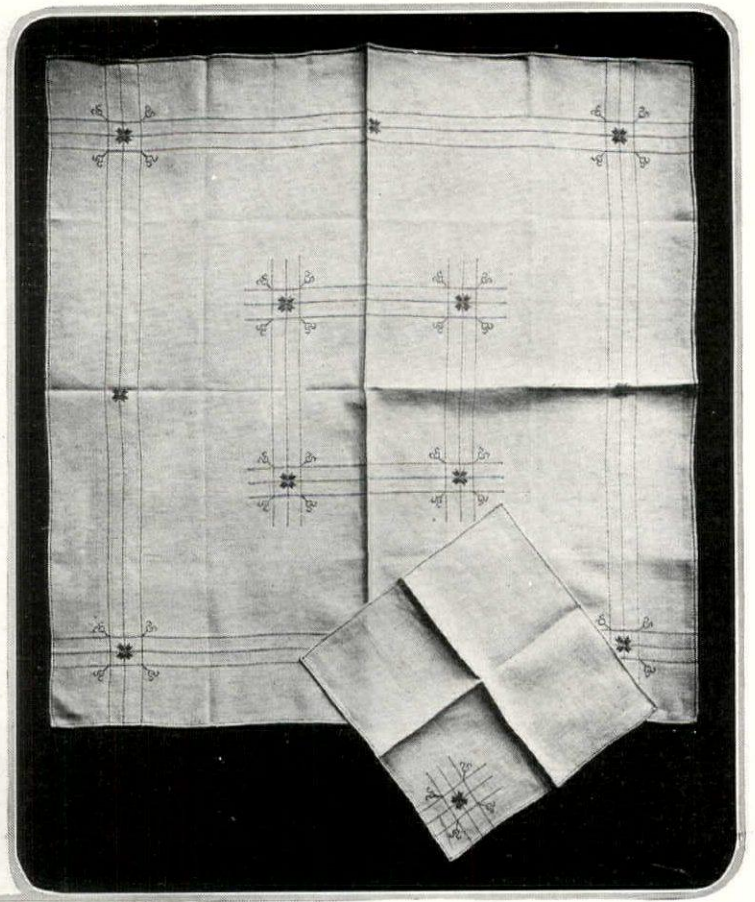


TOILES DE JOUY

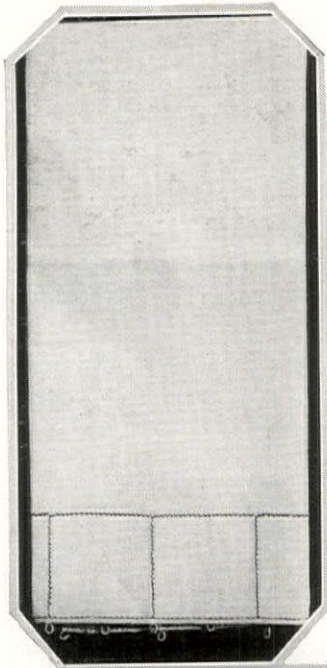
The Toiles On This Page May Be Purchased Through the House & Garden Shopping Service, 19 West 44th Street, New York City. Cuttings will be sent on request.



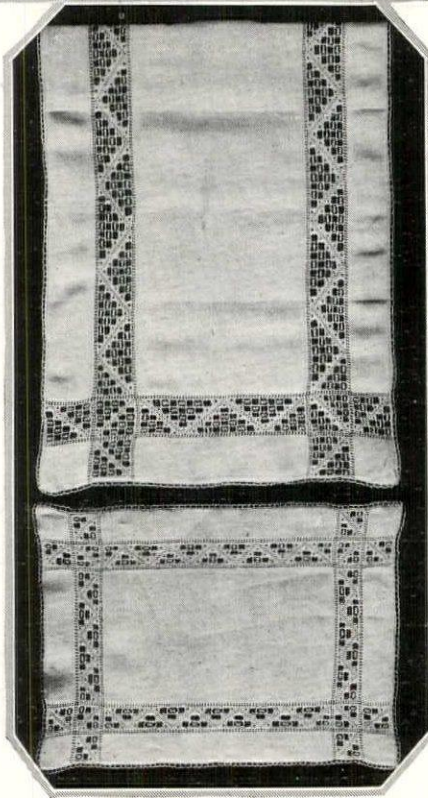
The colorful linen damask set above might be used on a porch. It comes in blue, rose, gold or lavender. 59" cloth and six 16" napkins, \$12



A linen luncheon or bridge set has hand embroidery and hemstitching in blue or green. Cloth 36" square. Seven pieces. \$11.25 for the set

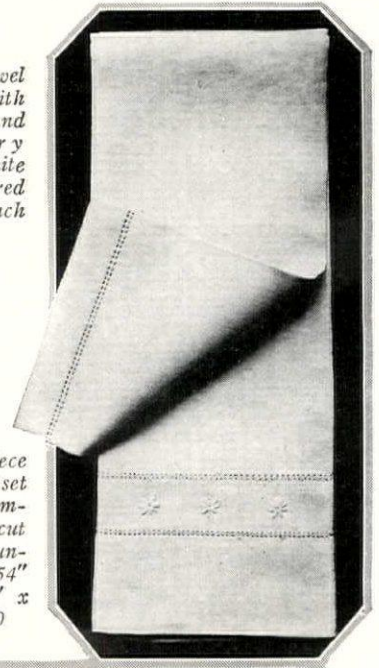


The towel at the left is pure linen with hand stitching in blue, rose, or white. It measures 31" x 18", \$2 each

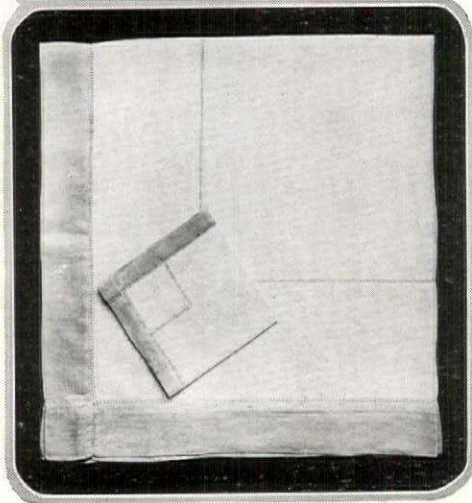


(Below) Linen luncheon set of one 54" cloth and six 18" napkins. Border in blue, lavender, pink, green or white, \$10

A linen towel 18" x 30" with hemstitching and embroidery comes all white or with colored borders, \$1 each



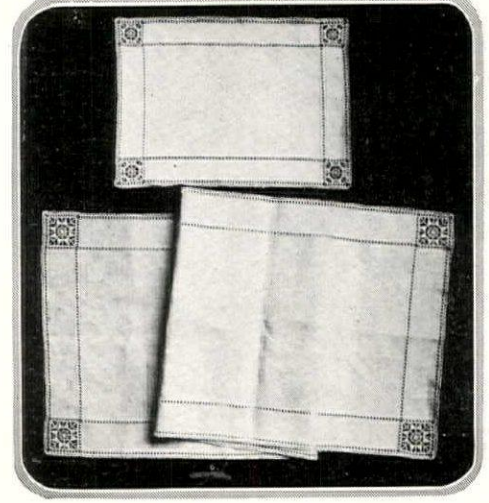
A thirteen piece ecru linen set with hand hemstitching and cut work has a runner 8" x 54" and mats 12" x 18", \$38.50

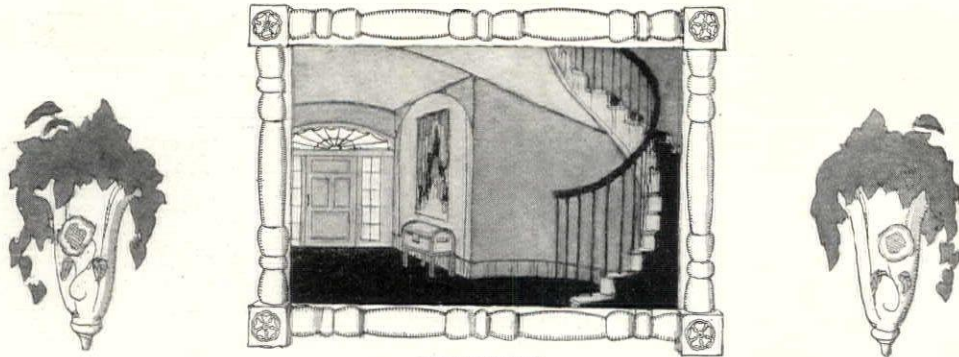


The thirteen piece linen luncheon set above is for a refectory table. The runner, 50" x 17" has a two inch band of hand embroidery and cut work, \$42.50

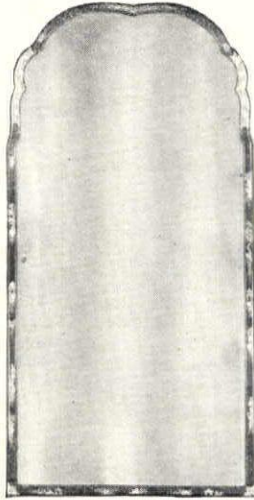
LINENS FOR THE COUNTRY HOUSE

Which May Be Purchased Through the House & Garden Shopping Service, 19 West 44th Street, New York City



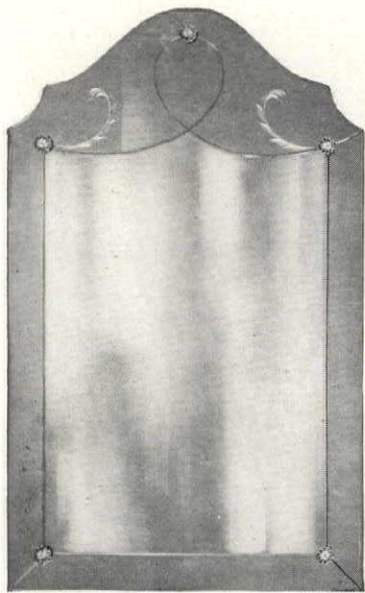


The mirror above which so happily reflects a Colonial hallway is a reproduction of a design much used in early American interiors. It is finished in antique gold and measures 15" x 21", \$24

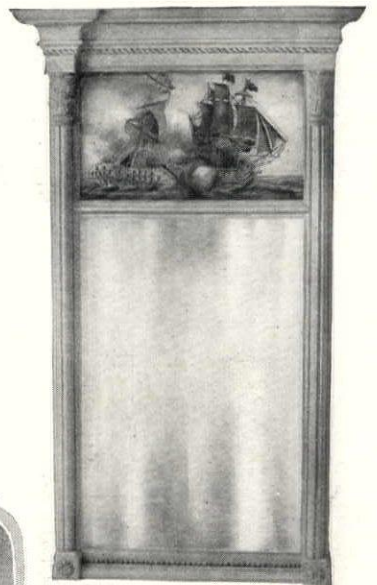
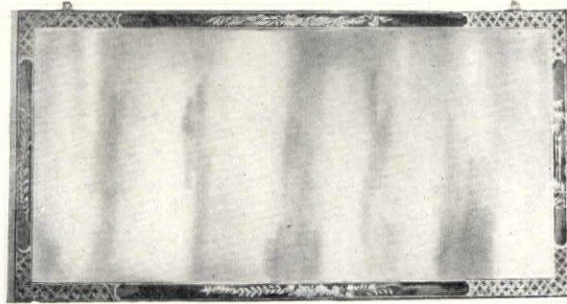


The lacquer frame of the mirror at the left comes in either black, blue, green or Chinese red with decorations in gold. The mirror measures 24" x 40" and costs \$60

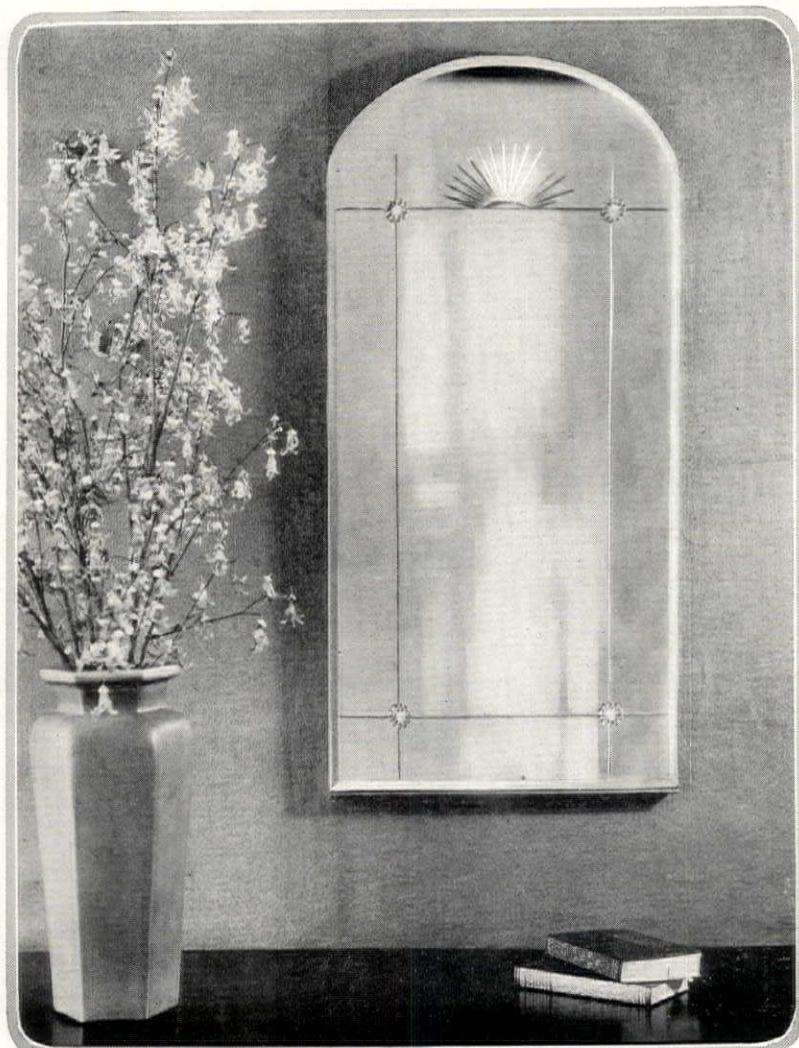
The decorations in sealing wax red and gold are painted on the glass of the mirror below forming a frame 1 1/4" wide. Measures 18" x 36" over-all, \$115



The mirror above with its delicate engraved design and glass rosettes would be charming used above a dressing table draped in chintz or taffeta. It measures 20" x 32" and is priced at \$52.50



Paintings of ships and farm-houses were the favorite methods of decorating mirrors in Colonial days. Above is a reproduction finished in antique gilt with a colored picture at top. 20" x 32 1/2", \$51



Mirrors, besides being decorative in themselves, add to the apparent size of a room. At the left is a graceful mirror with a beveled edge, engraved design and glass rosettes. Overall 18" x 36", \$75. Without sunburst \$67.50

MIRRORS IN NEW DESIGNS AND OLD

These may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City

The GARDENER'S CALENDAR for MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																				
<p>Then came the daisies, On the first of May, Like a banner'd show's advance While the crowd runs by the way, With ten thousand flowers about them they came trooping through the fields.</p> <p>SYDNEY DOBELL</p>	<p>1. Formal evergreens and hedges should now be clipped. Hedge shears are the best tool to prevent any voids in the trees. Branches and tips that have been burned by the sun can be removed with the pruning shears.</p>	<p>2. Do not delay cutting the lawn until the grass is so long as to necessitate raking. Good lawns are the result of liberal fertilization and frequent mowing, the latter in some cases twice a week in growing weather.</p>	<p>3. Just before the general flowering season begins in the perennial garden it is a good practice to top-dress the beds with bone meal or other concentrated fertilizer. Scatter it on the surface and rake it into the soil.</p>	<p>4. Dahlias may be planted out now. Make deep holes for them, setting the plants several inches below the grade to allow for filling in the soil as they grow. Use a little sheep manure or bone meal in the bottom.</p>	<p>5. If the weather conditions are settled the warm vegetable crops may be sown at this time. Beans, limas, corn, squash, pumpkins, okra, melons, etc., are all considered warm crops in this respect.</p>	<p>6. The edges of walks, flower beds, shrubbery borders, etc., should be trimmed cleanly and neatly with a turfing iron every few weeks through the season. This finishing touch is necessary to complete your grounds.</p>	<p>7. The early sowings of vegetables must be properly thinned out; plants that are unduly crowded become thin and spindly and never develop into healthy vigorous specimens. Thin the plants when small.</p>	<p>8. Do not stop sowing those crops that mature quickly, such as spinach, peas, radishes, lettuce, etc. Frequent sowings in usable quantities are the first step toward success. If there is any surplus it can be canned.</p>	<p>9. When the various fruit trees are in bloom they should be sprayed with a combination of Bordeaux mixture and arsenate of lead. This will destroy the various insects that ruin the fruit, catching them as they hatch.</p>	<p>10. Leaf beetles of various types will soon be at their destructive work. Spray the currant bushes, gooseberries, elms, cherries, etc., using arsenate of lead as the most adhesive of any of the regular poison sprays.</p>	<p>11. Carnations intended for forcing in the greenhouse next winter can now be planted out in the garden. Have the ground well fertilized, keep them pinched back and see that the soil between them is cultivated.</p>	<p>12. After they have finished flowering, but not before the lilacs, deutzias, forsythia, spiraea, snowball, pearl bush and other early flowering shrubs should be pruned. Cut out the old, unproductive wood.</p>	<p>13. Make a small seed bed for the accommodation of late cabbage, cauliflower, kale, Brussels sprouts, etc. These should be sown now. Keep the young plants in separate beds until it is time to plant them out.</p>	<p>14. A few dead flower stalks will make an otherwise good garden appear very ordinary. Keep the tall flowers supported with individual stakes, the grass edges clipped, and remove old stalks.</p>	<p>15. It is unwise to postpone potato planting any longer if you want good results. Potatoes are a cool crop and late plantings of them, however well cared for, are rarely successful. Use a fertilizer with 4% potash.</p>	<p>16. If the weather is dry you will be troubled with the attacks of green fly and other plant lice. Peas, lettuce, egg-plant and other soft foliage plants are especially susceptible. Spray with a strong tobacco solution.</p>	<p>17. Tubbed plants of all kinds used around the grounds for decoration may be taken from their winter quarters and moved into place now. To maintain growth, these plants should be given liquid manure.</p>	<p>18. Weed killers are very necessary in stone gutters, blue stone walks and drives, and other places where it is unwise to use a hoe. One application now will destroy all undesirable growth for the season.</p>	<p>19. It is unwise to postpone the sowing of farm crops any longer. Mangels, sugar beets, carrots, turnips, etc., should be sown. As size is the important factor with these crops, early sowing is needed.</p>	<p>20. If the weather appears settled, the bedding out of geraniums, cannas, salvia, coleus and other bed-plants may be started. If a delayed cold spell should come along, cover the plantings with old sheets.</p>	<p>21. Crops that are more or less inactive and are not growing well should be stimulated with an application of nitrate of soda or some other strong fertilizing element used in liquid form to bring about quick results.</p>	<p>22. Now that the garden work is in full swing, invite yourself to get acquainted with the use of a wheel-hoe. These implements do the necessary work of cultivation more efficiently and with less effort than any other.</p>	<p>23. Do not neglect to keep up succession sowings in the garden, as advised elsewhere in this issue. Corn, beans, spinach, peas, radishes, lettuce, beets, carrots, chervil, cucumber, cress, kohlrabi and turnip are all timely.</p>	<p>24. Keep the ground between the potatoes constantly stirred, and look out for the potato beetles. If any are in evidence, spray with arsenate of lead. Bordeaux mixture along with the lead will prevent attacks of blight.</p>	<p>25. Most of the more common annual flowers may be started out of doors now. Have the soil in which they are to go well prepared far enough ahead so that it will pulverize when being worked. Sow the seed thinly in drills.</p>	<p>25. Roses for flowering in the greenhouse next winter should be planted in the benches now. Use a rich, heavy soil for them, firm the beds thoroughly after planting, and top-dress occasionally with raw bone meal.</p>
<p>27. Leaf eating insects will also soon be working in the garden. For them a poison spray on the foliage is the thing to use. Cover the squash vines with nets supported on stakes, to protect from squash bugs.</p>	<p>28. Winter celery may be sown now. Make a seed bed for it and sow broadcast. When large enough to handle, dibble the little plants off into well prepared soil. When they are 4 inches tall you can plant them out.</p>	<p>29. All the summer flowering bulbous plants may be set out now. To assure a continuous supply of gladioli, they can be planted at bi-weekly intervals. The rule is to plant all bulbs twice as deep as their diameter.</p>	<p>30. Maple trees should be pruned just as the buds are bursting; there is no danger of their bleeding. Any large scars which may result should be painted with proper tree paint to preserve the wood until the cuts heal.</p>	<p>31. A barrel of liquid manure in some convenient corner of the garden will be a valuable accessory for treating plants that are not doing well. Alternate applications of this with solutions of nitrate of soda.</p>	<p>This calendar of the gardener's labors is a reminder for undertaking all his tasks in season. It is fitted to the Middle States, but it should be remembered that for every 100 miles north or south there is a difference of from 5 to 7 days</p>																					



THOMAS MEEHAN
Born in London in 1826, Thomas Meehan came to this country at 22 to become later one of its most influential horticulturists. For 30 years he edited the "Gardener's Monthly" and in 1853 founded the Germantown nursery which bears his name. He died in 1901



PATRICK BARRY
A noted authority on fruits and the editor at times of such important periodicals of the past century as "The Genesee Farmer" and "The Horticulturist," Patrick Barry was also a well known nurseryman. Born in Ireland, he lived for many years at Rochester, N. Y.



H. W. SARGENT
A close friend of Downing and the father of Prof. Charles S. Sargent, director of the Arnold Arboretum, H. W. Sargent, by setting a fine example during a trying period, did much to develop enthusiasm for and good taste in gardening in America. He died in 1882



PETER HENDERSON
Two books of Peter Henderson's: "Gardening for Profit" and "Practical Floriculture", have probably been the most influential native works on commercial vegetable and flower growing. Born a Scotchman he became a successful seedsman here. He died in 1890

In looking back over the history of American horticulture and gardening during the 19th century it is interesting to find that nearly all the men who followed these pursuits, either as amateurs, designers, tradesmen or cultivators, devoted a great deal of their time to writing about them. Times have changed, methods and tastes have been greatly improved, since Downing wrote his "Treatise on the Theory and Practice of Landscape

Gardening" and Henderson his "Gardening for Profit," but these were revolutionary things then and they are still worth reading as books that came from men who were actually engaged in the things of which they wrote. It is this quality in our horticultural and gardening literature of the 19th century which gives it a peculiarly healthy tang, and if it is out of date now it still carries with it the odor of the soil.

MARSHALL P. WILDER

An enthusiastic pomologist and a generous patron of horticulture, Marshall P. Wilder did much during the early 19th century to promote interest in fruits, especially, and flowers. He lived in New England from 1798 to 1886



A. J. DOWNING

The first famous landscape gardener in America. Downing was also a distinguished and influential writer on gardening subjects. His tendency was toward naturalistic design.

JAMES VICK

Like many other horticulturists of this period, James Vick was closely connected with horticultural journals. He was an editor of "The Genesee Farmer" and later the publisher of "The Horticulturist." He died in 1882



He was born in 1815 and died in 1882. The portraits on this page are reproduced through the courtesy of the Macmillan Co., publishers of the Cyclopaedia of Horticulture



Sampler Days

In Society since 1842

We like to think that the growth of Whitman's, from the little shop in Philadelphia in the time of President Tyler, is due to the bed-rock devotion to *quality* on which this business is founded.

From the fair shoppers in 1842, drawn in quaint Victorias, who called at the Whitman shop, it is a far cry to the thronging thousands who now buy Whitman's Chocolates every day in every town in America.

In stage coach days folks from New York, Boston and Richmond always took home Whitman's when they visited Philadelphia.

Now the Whitman quality, with modern improvements and infinite variety, can be had conveniently in nearly every neighborhood in the land.

The names Sampler, Salmagundi, Fussy, "1842", Super Extra, Pink of Perfection and Pleasure Island are full of significance for candy buyers. Each stands for the satisfaction of a special taste in confections.

Simply look for the Whitman sign on the selected store that is agent for the sale of Whitman's Chocolates.



Whitman's

Chocolates

STEPHEN F. WHITMAN & SON, Inc., Philadelphia, U. S. A.

Also makers of Whitman's Instantaneous Chocolate, Cocoa and Marshmallow Whip

New York Branch: 215 W. 33rd St.

Chicago Branch: 1537 Michigan Ave., South

San Francisco Branch: 449 Minna St.



Sideboard of about 1680-1700. Note the simply-turned and plain legs and panels geometrically outlined with mouldings



Arm chair, about 1685-1689, of Restoration style with Italian Renaissance influence. Note high upholstered back with detached turned supports

CHARACTERISTIC FEATURES IN JACOBEOAN FURNITURE

MR. AND MRS. G. GLEN GOULD

AS THE phrase Italian Renaissance is pronounced "trippingly on the tongue" with little conception of its significance, so furniture is often glibly described as Jacobean. In Jacobean we recognize *Jacobus*, the Latin for James, of England and Scotland, who names the period though it outlives his reign.

When we look at Jacobean furniture we soon begin to see that there are three groups: the simple, the not so simple, and the ornate. Historically the groups fall in this way.

Early Stuart or Jacobean, 1603-1649.

Cromwellian or Commonwealth, during the Puritan government of Oliver Cromwell's Commonwealth, 1649-1660,

Late Stuart or Jacobean, Carolean—from *Carolus*, Latin for Charles, whose Restoration to the throne named the period, 1660-1688.

The Tudor King Henry VIII brought Italian Renaissance models and workmen to England. Under Queen Elizabeth, his imperious daughter, native workmen followed these models, and when James I. came to the throne we find the Tudor and Elizabethan types still made by native workmen and so successfully that Jacobean furniture is considered the most characteristically English of any of the periods. Still it is not always easy to distinguish Jacobean from Italian Renaissance and Flemish furniture, so fashionable were these styles.

The two distinctive types of Italian Renaissance are easily recognized in Jacobean furniture: the ornate models in the early and late Jacobean, and

the plain forms during the puritanical regime of Cromwell who temporarily reversed the trend of fashion. The early types are sparingly used to-day. The Cromwellian and Restoration types are finely illustrated in these chairs from The Metropolitan Museum of Art, New York.

These are the chief points which characterize Jacobean furniture:

Construction: Large pieces have simple heavy structure with squat outlines for the low-ceilinged rooms of the time. Straight upright lines. Legs underbraced simply or with elaborate carving. Supports often spiral. Restoration types resemble Louis XIII. Oak and walnut principally used.

Ornament: Cut-in or flat carving, scroll-work, Italian Renaissance design.

Strap-work patterns and panels geometrically outlined with mouldings very characteristic. Applied ornament and inlay. Mounts become elaborated. Upholstery very splendid—leathers, velvets and embroideries. Caning popular.

Top: Straight on simple models, crested and carved on high-backed chairs.

Back: Varied, flat or curved, straight or raked—inclined backward, caned or upholstered. Coarse caning in early period.

Arm: Straight or curved, dipped or sloping, carved, scroll or spiral.

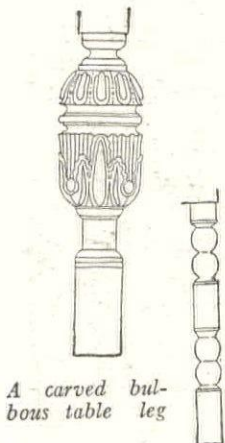
Seat: Rectangular, plain, caned, upholstered, often quite high above the floor.

Leg: Straight or curved, turned, bulbous and spiral. Flemish or S scroll popular.

Foot: Square, ball, bun, Flemish scroll.



Side chair about 1660-1675, of Restoration style with Italian Renaissance influence. High back, caned and carved and carved underbracing.



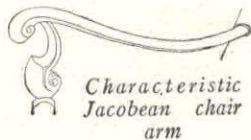
A carved bulbous table leg



A turned Jacobean chair leg



An elaborate Jacobean chair arm



Characteristic Jacobean chair arm



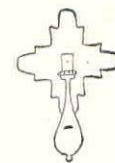
Pear drop found on drawers



A typical drawer-pull of the period



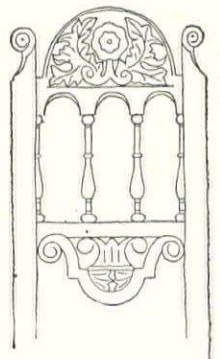
Arm chair of 1660-1683. A Cromwellian type showing influence of plain Italian Renaissance models



Another type of pear drop for drawers



A characteristic key plate

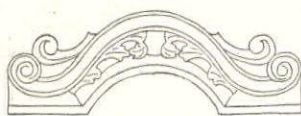


A chair back of the Yorkshire type

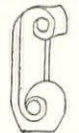


An elaborate carved chair crest

A hooped underbracing of chair



A typical design of Jacobean chair foot



Another Jacobean chair foot

Country House Bed Rooms at the Hampton Shops

FINELY grained burl walnut, with beadings and bands of a darker tone, was used in these pieces of furniture which are so simple in design as to be inexpensive, yet so beautiful in the details of hand carving and cabinet work as to be worthy of a luxurious home of today and treasured heirlooms of the future.

This photograph from the Hampton Exhibits but suggests the scores of conscientiously constructed Hampton productions, each distinctive in hand carving or decoration, which have been recently designed especially for the simple country house or all year home.

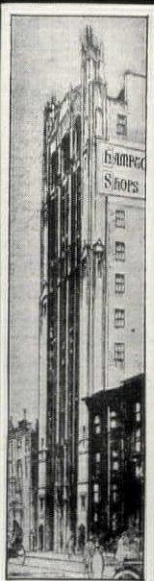
You will find these new exhibits of country house furniture arranged with harmonious draperies and accessories. Each piece is plainly priced and sold separately.

Hampton Shops

18 East 50th Street
facing St. Patrick's Cathedral
New York



Decorations · Antiquities · Furniture



The Hampton Exhibits occupy this entire building. No branches or associated companies.



For Artistically Coloring Your New Woodwork

INEXPENSIVE soft woods such as pine and cypress may be made as beautiful and artistic as hardwood with Johnson's Wood Dye. It is easy to apply—goes on easily and quickly without a lap or a streak. Brings out the beauty of the grain without raising it—dries in four hours—does not rub off or smudge.

JOHNSON'S WOOD DYE

JOHNSON'S WOOD DYE has many uses, for both the artisan and amateur. Architects and contractors specify it for coloring woodwork and flooring in new buildings. Painters and decorators use it with equal satisfaction on new and old woodwork of all kinds. Housewives delight in it for doing over old furniture and for coloring reed and wicker baskets, etc.

JOHNSON'S WOOD DYE is made in fourteen standard shades—a few of which are:—

- | | | |
|-----------------------|---------------|-----------------|
| No. 129 Dark Mahogany | 131 Walnut | 110 Bog Oak |
| 127 Brown Mahogany | 126 Light Oak | 124 Golden Oak |
| 140 Early English | 123 Dark Oak | 125 Mission Oak |

All shades may be easily lightened, darkened or intermixed. Full directions on every label.

Are You Building?

If so, you will find our book particularly interesting and useful, for it tells how to finish inexpensive soft woods so they are as beautiful and artistic as hardwood. Tells what materials to use—includes color card—gives covering capacities, etc.

Our Individual Advice Department will give a prompt and expert answer to all questions on interior wood finishing—without cost or obligation.

We will gladly send this book free and postpaid for the name of your best dealer in paints.

Book on Wood Finishing FREE

S. C. JOHNSON & SON, Dept. HG5, Racine, Wis.
(Canadian Factory—Brantford)
"The Wood Finishing Authorities"

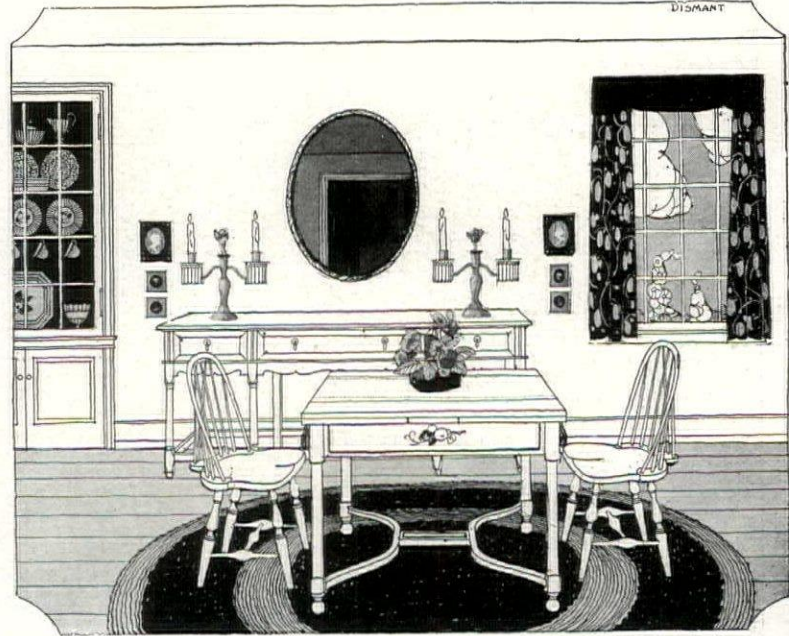
Please send me free and postpaid your illustrated instruction book on Wood Finishing and Home Beautifying.

My Dealer is.....

My Name.....

My Address.....

City and State.....



The finished effect of this small dining room with its ivory walls, printed silk curtains, its gay peasant pottery and its walnut brown furniture is the result of careful and slow selection

Furnishing in Relays

(Continued from page 61)

left to be done. The room was quite finished! I tried to fathom the cause of this subtle charm that is so seldom apparent in such a youthful house. For often, even after several years, rooms have a way of looking as if they had been furnished all of a sudden. The furniture is too fat, the room too full, the scheme too conventional, and lacking in imagination, as though all the furnishings had been assembled by a stranger. Even the ornaments seem to lack the personal element in their selection, resembling too clearly the heterogeneous collection of wedding presents. But there was nothing of that effect in this room.

"I suppose," said my friend, "it's because I started out with two really handsome chairs that raised the tone of some things I painted myself, plus the magic of my books and my hearth, that my room has had a chance to grow up the way it should go!"

Then followed the tale of this house.

After buying the home that had cost a great deal more than had been planned for, there had been left a fantastically small sum with which to accomplish suitable furnishing. The problem of furniture resolved itself into a choice between cheap suites in living, dining and bedrooms, the owner hoping either to replace these with more suitable furniture later on, or to be frankly courageous in the matter of empty space and have overstuffed furniture luxurious enough to make up for the lack of other things generally supposed to be necessary, such as big rugs, sofas, many tables, lights, handsome desks, daybeds and the like.

Courage had been the watch word, for the walls of the living room were so delightfully canvas-hung and paneled, their color such a luscious gray, it seemed impossible to consider inexpensive, fat tapestry pieces, and the highly varnished luster of the ordinary funeral-pyre of a library table. So, instead, nearly the whole sum set aside for the first furnishing of the living room was used for the purchase of two chairs, upholstered in velvety hand-printed linen in gold and blue and deep mauve on a ground of gray. It took courage, that! The spending of two hundred and seventy-five dollars on two chairs, with perhaps four people coming to call next day!

But the at-home cards gave two months' grace, more than enough to paint the floor the rich turquoise blue

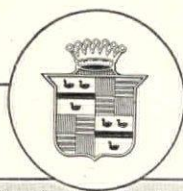
of glazed pottery, to find two Empire chairs of wood and rush at the second hand mart, and to paint them in black and decorate them in gold. In addition a spindle-backed porch settee was found, old and shabby to be sure, but more than restored to beauty by the magic of the same pots of black and gold paint. Two old porcelain jars in black, gold and gray were wired for electricity, and shades were fashioned of turquoise blue fringed in black and lined with old yellow. These lamp were stationed on little spindle-legged candlestands, afterward to be replaced by the old-red lacquer Queen Anne tables shown in the picture. Small wool rugs were dyed black for the floor.

Four years ago, these lacquer tables did not exist, nor the sofa I see there now. There was no satinwood desk, no large rug, no mirrors, no footstool. The handsome curtains, the Chinese Chippendale table in dusky mahogany, the William and Mary wing chair drawn up to the hearth were later additions. But there were the glorious and colorful books, all blue and vivid red, old yellow, tawny brown, gray and gold. These books and the gray, gold and turquoise of the linen that upholstered the chairs preordained the room's color scheme, and nothing could have been more joyous to work out, judging from my friend's sparkling face as she told about each thing she had done.

The inner beveled side of each molding strip that paneled the wall had been painstakingly painted in turquoise to connect this scheme with the floor. The semi-circular tops of the recessed bookshelves were filled in with decorative pieces of wood toned in antique gold and decorated in turquoise, black and Chinese red. Two tiny black and gold silhouettes were hung on the wall and curtains of the palest gold color, French voile, embroidered in wool, were hung at the windows.

Nothing was expensive in this room except those two chairs, and the plan of the wall background itself. Eventually came the sofa, upholstered handsomely in blue, black and gold frizette which replaced the black and gold settee. Another year brought the satinwood desk; later came the gray and black imported rug, the floor-length curtains of taupe gray velours, the inner glass curtains of deep ivory gauze that were almost yellow. The next year brought the red lacquer

(Continued on page 98)



Painted for Cadillac by Neysa McMein

It is a fine tribute to the Cadillac that many women who represent ideal American womanhood place Type 61 unqualifiedly first among motor cars.

This favor is final in its meaning, because such a woman is an instinctive judge of that which is excellent and worthy.

She loves beauty wherever it manifests itself—in the line and color of a painting, in a passage of exquisite music, or in the graceful modelling of her Cadillac.

Moreover, she is self-reliant; frequently she drives her own car; and her pleasure

in doing so is enhanced by her Cadillac's facile, effortless control.

But her chief characteristic is an impelling instinct for social service, and because of this, she respects her Type 61 Cadillac particularly for its utility, its sustained performance, its sound and unvarying dependability.

The fact that so many women of this type select the Cadillac is clear evidence of its leadership in the eyes of those with whom quality is the first consideration.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation

S T A N D A R D · O F · T H E · W O R L D
 C A D I L L A C



Furnishing in Relays

(Continued from page 96)

mirror, the William and Mary fireside chair done in black ground petit-point. Thus the room was finished, thus it was given charm, and beautifully fitted into a house that was entirely furnished by the relay method.

But now let us study a house that was furnished "all-of-a-sudden". For this house the owner had considerably more to spend than had my other friend. But, feeling that furnishing must be done completely when people are to live in the house and entertain their friends in it, she did a rather thorough job. You know the sort of thing,—a tapestry living room suite, a heavy oblong table with book racks at the ends, sectional bookcases, green Wilton rug, tan walls, silky green material for window hangings, lace trimmed net for glass curtains, an upright piano, a cabinet for music, two floor lamps with huge shades, a table lamp with a shade of art glass. In the dining room a rather puny Flemish oak suite was used, in the bedrooms unimaginative ivory enamel furniture, and angular mahogany suites of nameless style. All proper, solid furniture, utilitarian, useful, but without the slightest claim to beauty. Even to cut glass and silver, even to embroidered white bureau scarves, was this house completely furnished.

"But I always intended to refurnish completely in five years, at the latest, even when I was buying the things!" this woman said. "And when we moved into our next house, I was definitely dissatisfied with my furniture. I would have given anything for some new things, but we simply could not afford them then. Each year passed with a fresh realization that we couldn't consider refurnishing. There was so much to be done, everything would have to go, as I had begun to realize in two or three years how uninteresting my things were.

"After five years I gave up hope; the undertaking seemed too big. I had repainted my bedroom furniture, I had nice plain walls, I had replaced my lamps, and given away my cut glass. I had sold my china closet, and had used dark cretonnes and casement cloths at all my windows, but as far as changing the furniture there seemed no prospect of this in sight.

"Then I read an article on making a beginning. It told how a woman could often make an expenditure of one or two hundred dollars at a time when she would be appalled and fairly paralyzed at the thought of ever being able to spend thousands. And by buying one thing one year, two another, one the next, and so on, and avoiding sets of anything, so long as the furniture conformed to the same general spirit and was really beautiful in line, an effective room was bound to result.

"Well, I've made my beginning. I have a beautiful velvety brown sideboard for my dining room, and even if ten years have passed, I'm seeing my home with fresh eyes. Two hundred and fifty dollars for this piece, and next year a hundred and eighty for the draw table to match. In another six months I'm going to get quaint Windsor chairs with the wooden peg construction. Everything will be good this time. I have only to shut my eyes to see this dining room as it will be:—the walnut brown of the furniture, the ivory walls and woodwork, the recessed cupboard with porcelain of old ivory, decorated in flowers in old red, blue, green and black; the mauve, green and black of the printed silk curtains, with their plain mauve velveteen valances. And on my brown floor, an oval rug of black and ecru grass, until I can afford a wool rug."

If all this had only been done in the beginning—how much simpler and less expensive it all would have been!

Pruning Shrubby To Obtain Effects

(Continued from page 82)

in that way, taking care, however, not to get too much of a contrast in height between any two adjacent plants, because of the striking feeling of unrest and lack of proportion which such an effect is sure to cause. In this case the hydrangea, now 12' tall, was trimmed back very little, but the shrubs surrounding it were all cut back far enough to allow it to tower 2' above its tallest neighbors.

The final step consisted in trimming and "smoothing up" any protruding branches that were overlooked at first.

To be successful at pruning (and pruning is a very important task) we must observe the following points:

Effect:

Study the intended effect. Why was that particular shrub placed as it was? Can you improve on the intended effect?

Naturalness:

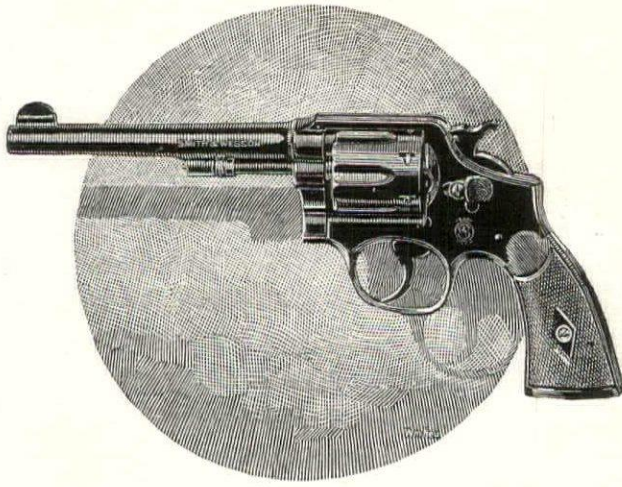
Strive to prune so that the shrub will have a natural effect after the work is completed. Allow one side to stay a bit taller than the other, or leave a few branches more on one side than on

the other—some little point to keep the whole from looking artificial.

Leave as few stubby, "sore-thumb" ends as possible. If you are working on very old shrubs, however, do not feel discouraged if you cannot cut them all so that the cut remains hidden, for that would be well-nigh impossible. Be careful that you do not cut away so much of the growth in front that the untidy stumps in the center will show.

Always remember to cut out the oldest wood first. Do this continually season after season, and your shrubs will be young and thrifty.

Mark two separate weeks on your calendar as "pruning weeks". The first will be sometime along the last of June or the first of July, according to whether you are situated north or south of New York City; at this time all shrubs which have borne flowers during the spring and summer should receive their trimming. The second week may either be in the late fall or early spring, at which time the late summer and fall-flowering shrubs are pruned.



NO illustration can truly show you why Smith & Wesson revolvers are actually "Superior." Any dealer will let you examine one, inside and out. Only then will the dependability and accuracy of the arm be apparent. You will realize also, by comparison why its slightly higher price is justified.

SMITH & WESSON

Manufacturers of Superior Revolvers

SPRINGFIELD
MASSACHUSETTS



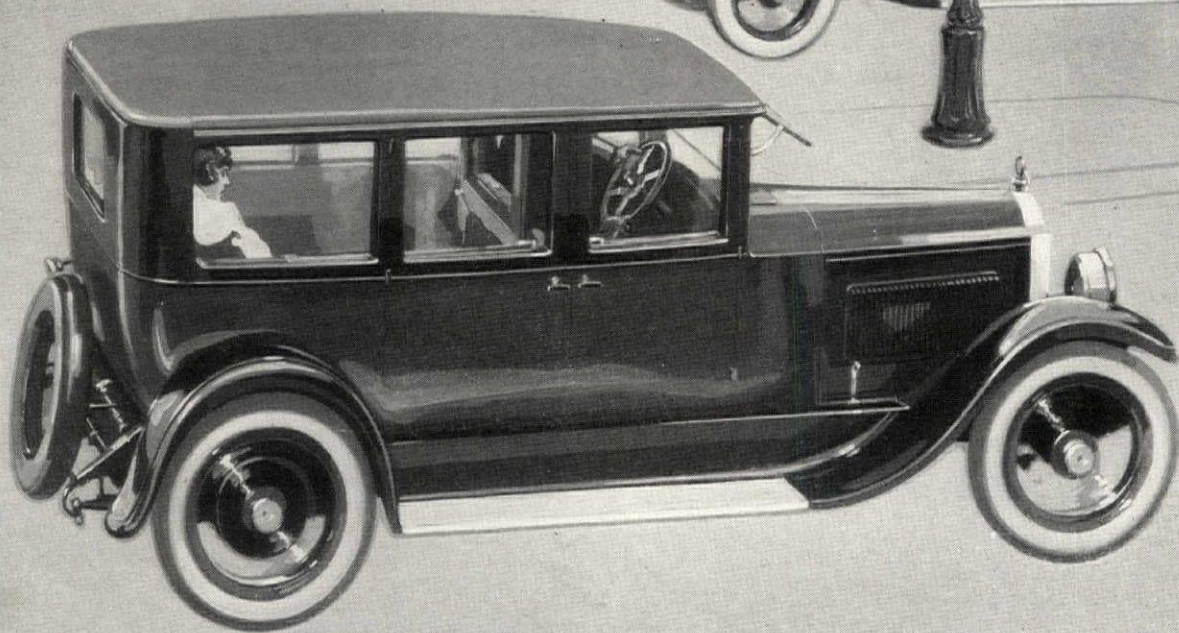
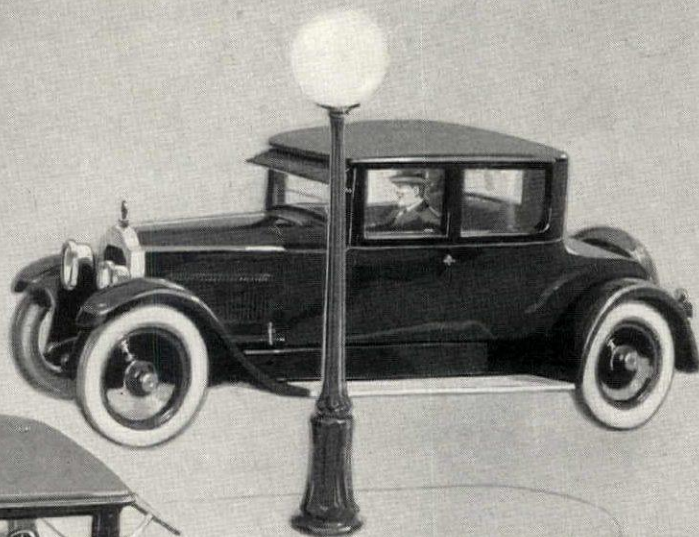
Catalogue sent on request
Address Department F

No arms are genuine Smith & Wesson Arms unless they bear, plainly marked on the barrel, the name

SMITH & WESSON, SPRINGFIELD, MASS.



PACKARD



The heaviest production in twenty-three years of Packard history falls far short of meeting the steadily growing national demand for the Single-Six.

This is due, no doubt, in the first in-

stance, to public confidence in the soundness of Packard engineering and manufacturing—greatly stimulated, however, by the record the Single-Six is establishing everywhere for really remarkable economy of operation.

*Touring Car, Five-Passenger, \$2485
at Detroit*



The Cutting Garden

(Continued from page 68)

From Generation
To Generation



THE "SUB-DEB"

of Player Pianos—the

STORY AND CLARK

MINIATURE—

the "life" of those intimate
week-end parties.

This beautiful little instrument only four feet, two inches high; full 88 note keyboard; plays all standard rolls. Can be operated by everyone without practice. No home, studio, or apartment complete without one. Write for brochure, terms, and name of nearest dealer.

Instruments of finest quality since 1857

The Story & Clark
Piano Company

317-319 South Wabash Avenue
Chicago, Illinois

portant garden. Or it might be a part of the vegetable garden. I have seen a number of charming gardens where the homely necessities of the table grew side by side and were inclosed with rows of delightful flowers.

Simplicity and orderliness are the main requisites for design in a cutting garden, coupled with accessibility in order that one can easily reach all things. Straight rows of the taller and more bushy things, and long narrow beds for the low and more sprawly varieties is the best plan. One need not be over concerned with the color scheme for we can arrange the blooms to suit our purpose after they are cut. But it may be a labor saving device to group them according to the color arrangements we generally use and so make it easier to compose our bouquets. Again we might put all the blues together, all the yellows, and so on down the list, or we might arrange them according to heights, to seasons of bloom, or their habit of growth, but which ever way we use, it is a question of personal preference, and we should be happy to remember that we do not have to lie awake nights and worry about color combinations.

PLANTING THE GARDEN

The question of planting is as simple as planning. The most abundant and diversified flowers for cutting are supplied by the host of annuals. We may plant the seeds for these in the places where they are to flourish in the latter part of April. The ground should be well worked to at least the depth of a foot, manured or fertilized, and well raked, then allowed to settle. Or we may transplant seedlings from the cold frames and hot house in early or mid May. This applies to bought plants.

While annuals may give the bulk of our cutting bloom there are many delightful perennials that must be included if we expect our main garden to escape unscathed. While annuals are usually raised from seed, and so have the advantage of being cheap, perennials usually entail a much larger expenditure, and there may be many who do not feel that they care to endow two gardens with expensive material. The solution of this problem is easy when you stop to consider that each year there is a certain amount of thinning, and dividing to be done in a successful perennial garden when things have grown so fast that they are crowding out their neighbors. Why not re-plant such things in the cutting garden? Then you have them to cut from, and if some favorite dies in the border you can select one of its relatives in the cutting garden to fill its place. Again why not start a few perennials from seed? Many will bloom the first year, and in the second year will have an abundance of bloom. In fact in this manner you can try out all manner of things before taking a hazard by incorporating them into the main garden. Catalogues are apt to differ on description, and experience is always the better teacher.

AFTER SPRING BULBS

One always dislikes to despoil the spring array of tulips and narcissus, even a few taken here and there are missed, but they are so jolly in broad-mouthed pots and vases indoors! As a solution, why not plant a few surplus bulbs in the cutting garden and pick them as you desire to use them? Why not replant this year's bulbs there after they have bloomed? The second year is always a gamble and one does not like to take a chance on their not

doing well, and yet one does dislike dig them up and throw them away.

In selecting flowers to grow in cutting garden there are several factors which go to make a flower valuable for cutting, which should be considered. First the stem. It must be stiff enough to bear the flower upright and in position to its advantage, except in case of flowers with trailing, drooping habits, and it must be long enough to cut well and form pleasing arrangements in vases. The color should be one which will harmonize with other things, or which will compose with the existing interior decoration of our rooms, and there should be a choice in order that we may escape monotony and be able to secure variety in our bouquets. The flower should have an appealing form, shape, and bit. Coarse flowers are difficult to handle in bouquets or interior work, they are best suited to the bold masses of the garden and shrubby borders. There are exceptions of course, such as the miniature sunflowers, the mallows, and hollyhocks which have special niches to fill in our schemes. The majority of flowers should have grace for it is a large portion of the charm of a bouquet and seems to be the sweet freshness of nature indeed.

The cultivation of such a garden is comparatively easy. If most of the things are in rows the hoe and weeding rake will keep them in order, loosening the ground and destroying weeds. There will be little danger of the plants going to seed too early if you pick enough of them, and when a season does pass on its way after doing a bit we need not concern ourselves about the gap it has left unfilled for a pictorial effect is safe in another place. To secure a profusion of large blooms we should from time to time apply liberally bonemeal, sheep manure, or mud manure, or any of the tried and trusted chemical fertilizers on the market. The best time to do this is when the flower is in bud, it increases the size and number of blooms and the length of stem considerably. It is a good policy to begin that which you do not intend to finish, especially if it is not convenient, so do not begin to water the flowers in the cutting garden after they are established, otherwise they will soon form the habit and send down sufficient roots to take care of themselves. If the soil is kept sufficiently loosened there will be sufficient moisture in the ground to support flowers, except of course in exceptional cases of drought or in localities where there is little and infrequent rain.

HOW TO CUT FLOWERS

A word about cutting flowers. A pair of sharp shears or scissors is the best implement. A few plants break easily, but the majority are liable to be damaged severely by hand picking. A clean sharp cut is much more readily healed by nature. Spare the main shoots and branches, for they will be the source of supply a little later. Cutting will increase the number of lateral shoots, make the plant bushy, and consequently more abundant in bloom. It is always wiser to cut an average amount of foliage from your flower, the plant will not mind it and it acts as an admirable fertilizer to the bloom, it is always much better to use a good foliage with it than flowers than ferns, vines, and other foliage. Cut as long a stem as possible, short stems being hard to handle in making a bouquet, and the shorter the stem left on the plant are of no use. Make your time make it unkept in appearance.

(Continued on page 102)



The Real Thing

IT is an inadequate compliment to say that Técla Pearls look like the real thing. To all intents and purposes, they are the real thing. Nothing but a negligible variation in their composition, totally imperceptible in their appearance, separates them from the deep sea specimen.

Técla Pearl Necklaces with Diamond Clasps
\$100 to \$350



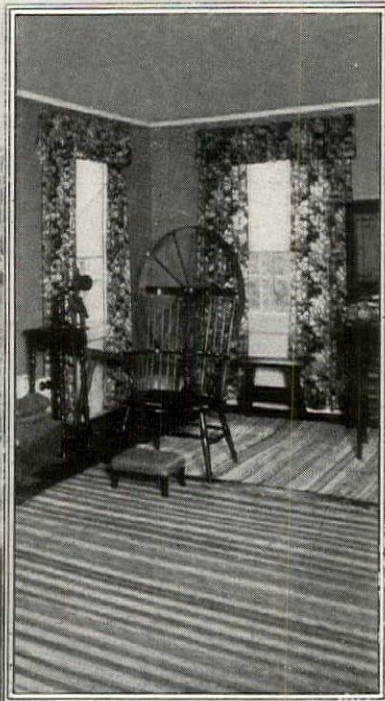
Técla
398 Fifth Avenue - New York

10 Rue de la Paix, Paris
7 Old Bond Street, London

Upon receipt of New York references,
selections gladly sent on approval

Hartshorn Rollers Guarantee No More Shade Troubles!

Colonial windows lacked shades. In this 1793 Mansion, draped curtains or half curtains on wooden rods served.



SHADES mounted on Hartshorn rollers serve so well that they are virtually unnoticed, though in constant use.

They rise at your slightest touch; they lower and "stay put" where you want them. They run straight and never "jam".

This is because a shade is only as good as its roller and a roller is only as good as its spring. Hartshorn makes all its springs—and holds to one standard. *They are the best that can be made!*

For over sixty years Hartshorn has been the only shade roller known by name and the only roller of such high quality as to warrant its being recommended by high class retailers.

On request we will send you with our compliments, the latest edition of Mrs. Alice Burrell Irvine's "Shade Craft and Harmonious Decoration," a booklet invaluable in home decoration.

Hartshorn
SHADE ROLLERS
AND
WINDOW SHADE FABRICS
Established 1860

STEWART HARTSHORN CO., 250 FIFTH AVENUE, NEW YORK CITY

The Cutting Garden

(Continued from page 100)

When you cut a stem near to the main stalk, or at a joint, the small buds which are lying there waiting for just such an opportunity, spring into life and develop a new branch. As you cut place your flowers in a flat basket or tray, never pile them too high for they are liable to crush each other out of shape. This method is far superior to carrying them about in your warm hand while picking the remainder of the bouquet, for they wilt so easily that many times they are almost unfit for use and very short lived when you get them indoors. The best time to cut flowers is in the morning while they are still wet with the dew, then they are freshest and will live longer indoors.

When the flowers are taken indoors plunge their stems into a deep dish or pail of cold water and let them stand there for several minutes while you are collecting the various vases and filling them about three quarters full of fresh water. The most pleasing combinations of color are secured when one mentally forms his bouquet. When these things are done, select your bloom and before taking it out of the water snip off the end with your scissors *under water*, then quickly transfer it to its vase. The reason for this operation is that while the flower has been in the open air with a cut stem a large amount of air has entered the stalk and so does not allow water to pass up as readily as it should. Cutting the stem under water allows the end to fill and excludes the air so that an unbroken circuit, as it were, is formed.

Bouquets in the house should be gone over every day. A single wilted flower will often spoil the effect of the whole. Take out the *passé* ones and snip off a bit of the stem of the remaining ones for the ends are apt to close after being in water for awhile. Replace the water with fresh, and if necessary replenish with new cut blooms.

The question of vases is not difficult, but it is generally given a place of less importance than it deserves. It is sad, when our supply of vases is so small that it is necessary to use either one thing or none. The happy solution is found in a good supply of flat squatty ones, tall ones, thin ones, wide-mouthed

and narrow-mouthed varieties, and good selection and variety in color. The vase is almost as important as the blooms themselves, and it will in great many cases, raise a bouquet of the ordinary.

Flower arrangement? Well, it is indeed an interesting subject, but so much has been said and written on it that would be conceit to treat it in such a small space as this. Sufficient to say that it is necessary to think of the fitness of your combinations, and to allow enough room so that the individuals in it may be appreciated. A few well chosen blooms or even one is far superior in value to a "bunch." As for color, use plenty of imagination with a dash of common sense and an eye for the fitness of things; then one may not go too far wrong.

A list of plants for the average cutting garden might read as follows:

Annuals:

Arctotis grandis
Asters
Bachelor's Buttons
Calendula
Clarkia
Cosmos
Phlox drummondii
Lupine
Marigold
Mignonette
Nasturtium
Nicotiana
Salpiglossis
Scabiosa
Snapdragon
Sweet Peas (Spencer)
Sweet William
Verbena
Zinnia

Perennials:

Columbine
Hardy Chrysanthemums
Shasta Daisy
Coreopsis
Delphinium
Helianthus (scabra major—maximiliana)
Helenium
Iris in variety
Peonies in variety
Tritoma, Red Hot Poker Plant
Valerian, Garden Heliotrope

Dignity in a Man's Room

(Continued from page 75)

size room, and are far more restful than an over-head glaring light.

The sitting room in a New York house—illustrated on this page, is an excellent example of a man's room. It is simple, dignified, comfortable and beautiful. The proportions of the room are good, the doors, windows and fireplace well placed. The paneled walls are painted a neutral green rather dark in color and make a splendid background for the furnishings. The curtains are of a figured brocatelle which harmonizes beautifully with the walls. The chairs are all comfortable and at the same time good in line. Some are covered in leather and a heavy cretonne of an old English pattern is on the sofa and one or two chairs. The Oriental rugs, while warm and rich in color, are perfect in value for the room. The well bound books, old Chinese porcelains and rare mezzo tints give a pleasing variety of color.

Another photograph shows the corner of a man's study: A corner filled with interesting and beautiful things

adapted to the needs of their own. The room is paneled in butternut which makes a splendid background for the 18th Century painting and colored hunting prints. The old Chippendale chair covered in beautiful needlepoint of the period is as comfortable as most over upholstered chairs. At the right is an old Sheraton writing desk made into a humidior. On the table with the books, among other rare pieces, is an 18th Century lead box of fine workmanship now used for a tobacco jar. This small corner fulfills all the requirements of a man's room, a comfortable chair to read in, a good light near at hand, one's favorite book within easy reach and the surrounding charming and in keeping with the spirit of the room.

A room to be really successful should be in such perfect harmony that one is conscious of its beauty and restfulness without being too conscious of the things in it. To achieve this one must be aware of composition, line, texture and color.

AT THE SERVICE OF YOUR LINCOLN

The expenditure of effort and resources to make the Lincoln the finest motor car in the world is no more pronounced than the organization of means to render its maintenance convenient and economical.

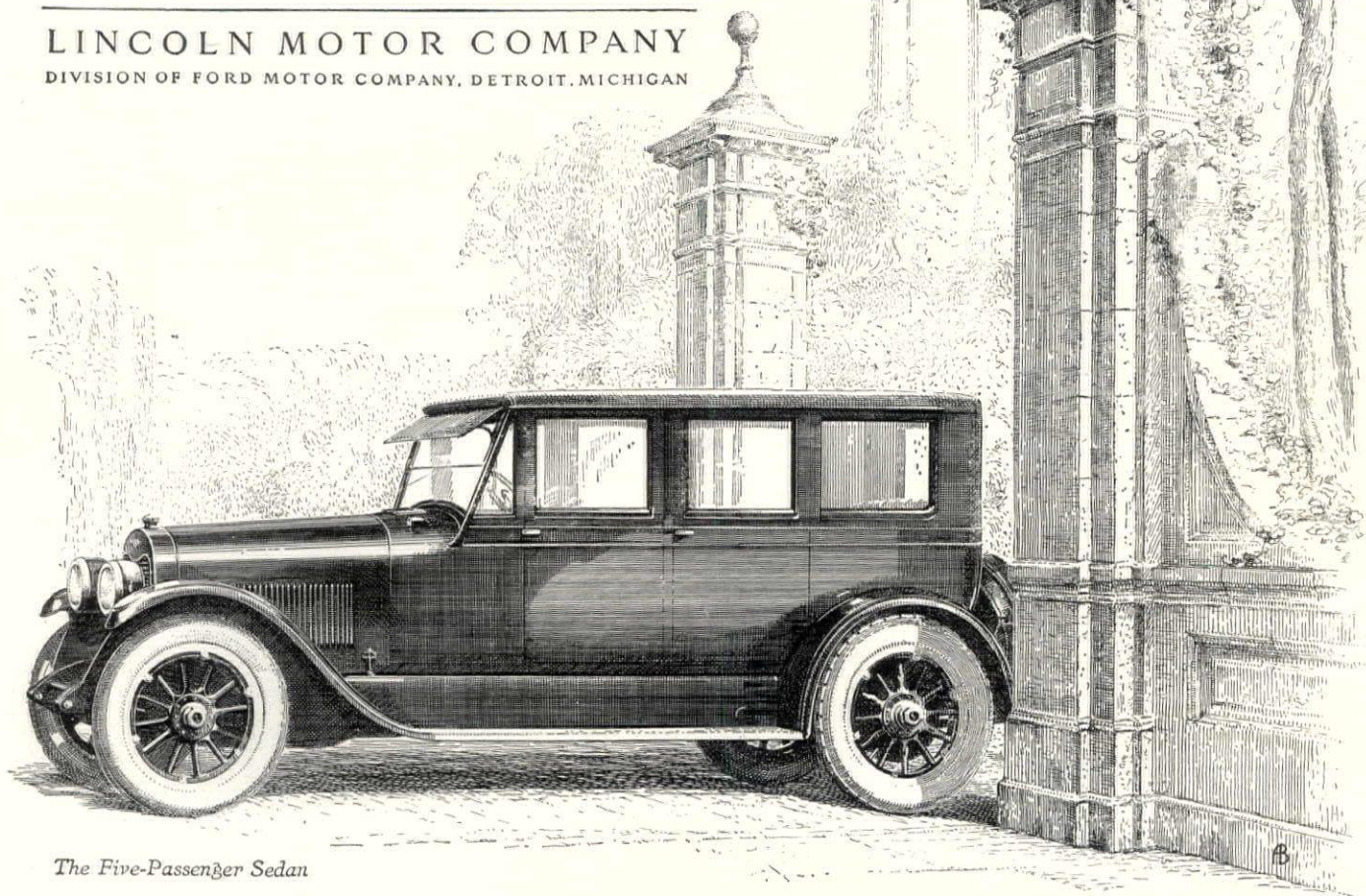
Lincoln service, therefore, is being rendered by factory-schooled men who are known to be competent to handle any detail of the car's care.

Wherever you go you will be only a short distance from a capable Lincoln mechanic with adequate equipment and supply of parts.

It is not only our purpose to make the Lincoln the finest car to be had at any price but also to provide it with the most complete and universal service. This is not a deferred promise, but a reality.

LINCOLN MOTOR COMPANY

DIVISION OF FORD MOTOR COMPANY, DETROIT, MICHIGAN



The Five-Passenger Sedan

L I N C O L N



Old English Wax

FREE!

A can of Old English Wax will be given free, for a short time, with every *Old English Waxer-Polisher*. The Waxer-Polisher is a new labor-saving device that does two things—it waxes then polishes the floor. A great improvement over any weighted brush, which does not apply the wax but merely polishes. Lasts a lifetime. If your dealer can't supply you, take advantage of our short-time offer. Mail the coupon below.



Now is the time to get at your floors

Give them the rich, lustrous finish you have so often admired in other homes. You can do it quickly and easily.

Old English Wax brings out the hidden charm of the wood in a mellow, velvety lustre. Such a finish is hard, lasting, and proof against scratches and heel-marks. Once waxed, the floors will retain their beauty for a lifetime, with only an occasional "touching up" of the places most used.

Wax floors the new, easy way

Just as easily as you push a carpet-sweeper, so can you use the Old English Waxer-Polisher. It does two things—waxes and then polishes the floor. Of course, a soft cloth will always be a satisfactory way to apply wax and polish the floor. But the Waxer-Polisher is quicker, easier, and uses less wax.

The cost is small

Old English Wax is made with a large proportion of hard, high-grade, imported wax, so it goes farther, lasts longer, and therefore costs about one-third as much as other finishes.

THE A. S. BOYLE CO., 2103 Dana Ave., Cincinnati, O.
Canadian Factory: Toronto
Manufacturers of wax finishes for over 25 years



Mail Coupon for Free book

Filled from cover to cover with information that every housewife should have. Explains the proper treatment for floors, woodwork, furniture, linoleum, etc. Shows how simply and economically you can have permanently beautiful floors. All expert advice based on over 25 years' experience.

Paint, hardware, drug, house-furnishing, or department stores sell Old English Products.

THE A. S. BOYLE CO., 2103 Dana Ave., Cincinnati, O.

Send me your free book, "Beautiful Floors, Woodwork, and Furniture—Their Finish and Care."

Send me all charges paid, an *Old English Waxer-Polisher* with a Can of Wax Free at the special time-limited price, \$3.50 (Denver and West, \$4.00; Canada, \$4.50; Winnipeg and West, \$5.00), which I enclose.

Name.....

Address.....

.....



This pierced and decorated Venetian glass compote is from a collection in the Metropolitan Museum

VENETIAN GLASS

IT IS known that the art of glass-making has been carried on in Venice for more than seven hundred years. And from the latter part of the 13th Century, when the guild of glass-makers was established upon the island of Murano, the furnaces have never been transferred from that sequestered spot, and the industry has had a continuous history that is unique, and full of interest both on the artistic and the human side. It rose with the wonderful artistic development and commercial expansion that took place in Venice after the Crusades. It flourished exceedingly during the Renaissance, and later, all through the days of Venetian power and glory. Though in the days of humiliation and misfortune the glass furnaces were nearly all extinguished, still the craft survived, and in the 19th Century revival of the Murano factories something of the old prestige returned, and early artistic traditions and distinctive qualities were preserved, to be passed on to the present time.

Long before Venice existed the Romans were skilled in the making of glass, and it seems very probable that some traditions of this skill remained on Italian soil, and that it was workmen from Italian cities who first practised the art among the lagoons. When Byzantine Greek workmen brought their Eastern knowledge of glass making to the shores of the Adriatic, it is believed that the impetus was given which was destined to lead to such great progress at Murano, where were laid the foundations of most of the modern developments in the manufacture of glass. There is no very marked Oriental influence, however, to be traced in the shapes and decoration of Venetian glass. More than any of the other arts that were brought to such high development in Venice it seems to be peculiarly the product of her environment; its graceful forms, and especially its ethereal qualities of color and texture, seem to have something of the charm of the sea and the softly sparkling Venetian atmosphere.

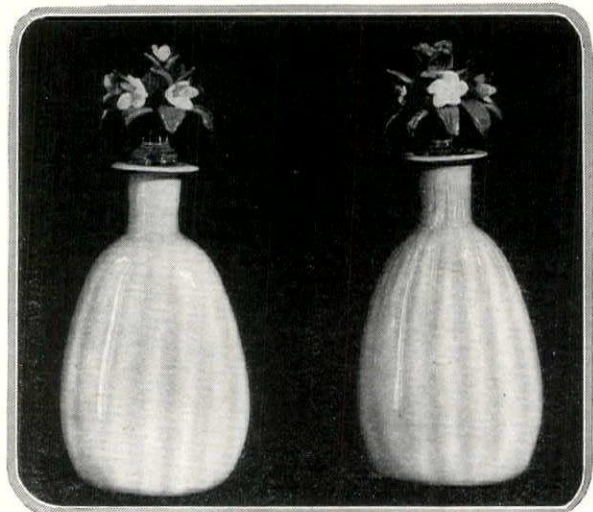
There was long and patient labor and experimenting by generations of de-

voted, enthusiastic craftsmen in the laboratories and workshops of Murano. They were small and unpretentious enough at first, the furnaces simply constructed and fed with pieces of Istrian beechwood, and the tools used were few. But, little by little, the subtle secrets of chemical fusions, the delicate manipulations of the blowing-iron, and the various heating and cooling processes, must have been worked out with that creative joy and pride of execution that belonged to the artist-artisan of old.

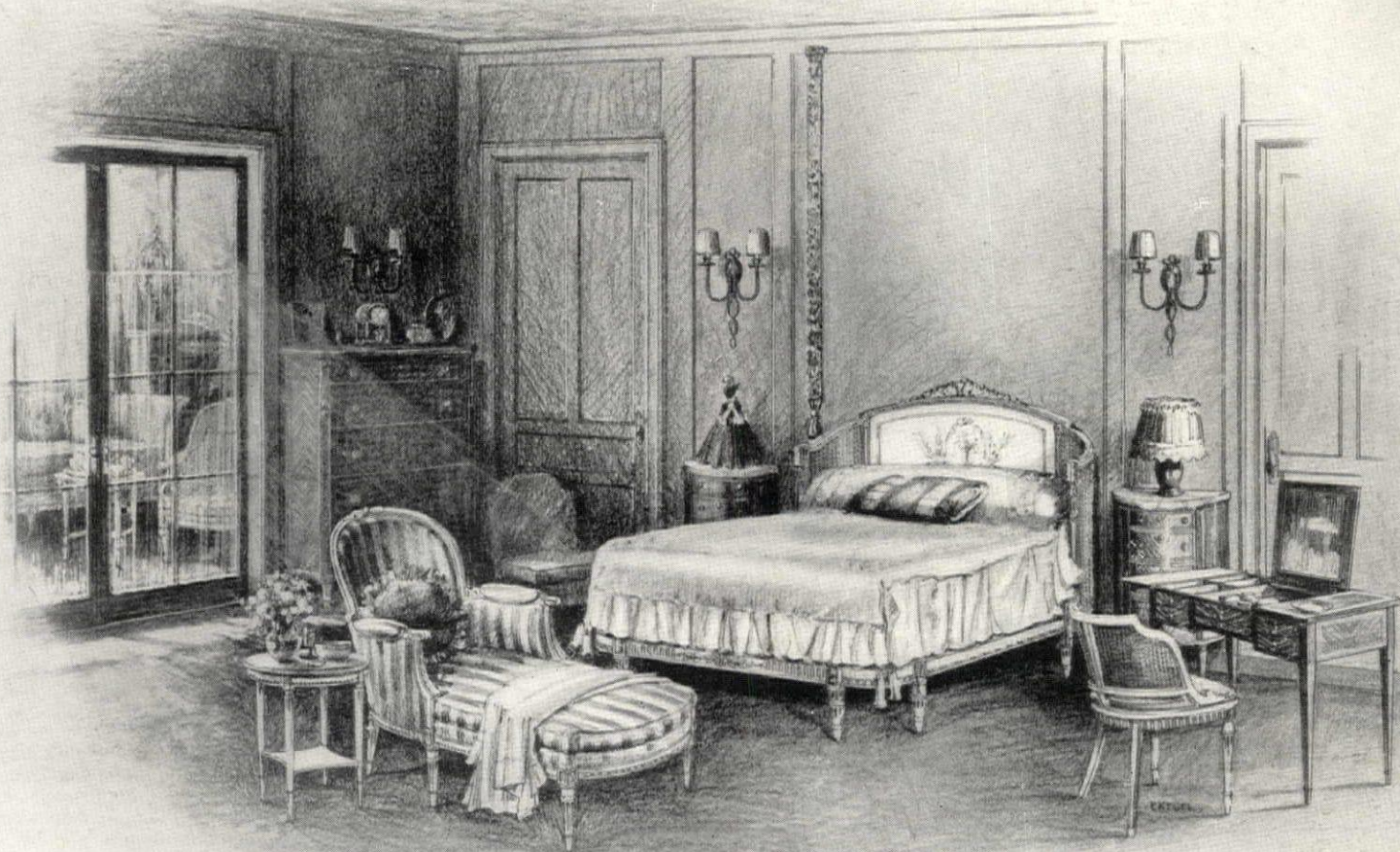
The guild of glass-makers became a caste by themselves as Murano grew into an important commercial center, and Venetian galleys carried the Murano productions to all parts of the civilized world. The famous Council of Ten made laws by which the secrets of the craft were most jealously guarded. There were very strict laws against immigration. The glass-workers were forbidden to leave Venice to work elsewhere, on pain of imprisonment, not only for the fugitives themselves, if found, but for near relatives left behind. Fugitives if they could be tracked were threatened with assassination by some of the pleasant methods then in vogue. Eventually, of course, the laws were evaded, and Venetian processes could not be prevented from spreading through Europe. But for several centuries Venetian glass-workers managed to keep their supremacy. Their chief competitors appear to have been at home, the carvers and polishers of rock crystal, who were also an important guild in Venice, and who looked upon the artificially made "cristallo di Venezia" as a rival fabric, and the workmen who made it as imitators and interlopers. And now, in museums, Venetian glass and rock crystal are exhibited in close association.

In the 15th and 16th Centuries the island of Murano boasted a population of some thirty thousand people, and it is said to have presented from afar the appearance of a small city in itself, a mile in length. It was not entirely given over to manufacturing. Edward Hutton describes it as "full of vine-

(Continued on page 106)



Scent bottles of modern Venetian glass make charming additions to a dressing table. They can be obtained in a variety of colors, are opaque and have ornamental colored glass flower stoppers. Courtesy of Ovington Brothers



Furniture

transcending the commonplace, well within moderate cost

INSPIRED by the Classic revival with its tendency toward greater simplicity, the French cabinetmakers of the late XVIII Century created a style of Furniture which remains unsurpassed in beauty of proportion, ornament and decoration.

Because of these qualities the Furniture of that time is admirably adapted to the American home of today, as is well exemplified by the charming Sleeping Room and adjoining Boudoir pictured above. The graceful Louis Seize bed, *chaise longue* and chair, finished in a subdued glaze, are richly contrasted by other pieces aglow with the exuberant color of tulip and satinwood.

Those who would infuse their surroundings with like charm will derive a wealth of suggestion from a stroll through the interesting Galleries of this establishment. Here one may assemble, piece by piece, an interior of the simplest character, yet achieve an individuality which only unconventional appointments can make possible.



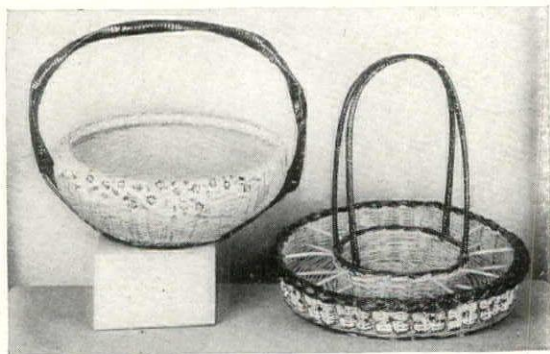
De luxe prints of attractive interiors, simple or elaborate as desired, gratis upon request.

New York Galleries
 INCORPORATED
 Furniture and Decoration
 417-421 MADISON AVENUE
 48th-49th Streets -- New York

Furniture : : Decorative Objects : : Reproductions

DIRECTORY of DECORATION & FINE ARTS

Every Mary Lucy Banks Basket Beautifies The Home



No. 372—The lovely twisted handle gives this graceful basket a peculiar distinction. If the basket is in pastel shades with sprays of flowers as illustrated, the handle is black. It is also very smart painted black with a bright band of conventional design, the handle in bright Blue, Rose, Green, Orange to harmonize. Price \$6.50 prepaid.

No. 615—A Refreshment Basket with spaces for ten tumblers, and for pitcher or Sandwich plate in center. Coloring, Blue, Yellow, or Rose with Black handle and rim. Price \$10.00 prepaid.

The Second Wedding Anniversary is "Straw" A MARY LUCY BANKS BASKET makes an appropriate gift.

MARY LUCY BANKS

196-200 Ninety-First Ave.

Hollis, L. I., N. Y.

STUDY INTERIOR DECORATION



Complete instruction in the use of period styles, color harmony, composition, textiles, curtains, wall treatments, furniture arrangement, etc. RESIDENT and HOME STUDY courses.

Enroll now. Send for Catalog H-6

The NEW YORK SCHOOL of INTERIOR DECORATION
101 PARK AVE - NEW YORK CITY

Antique Oriental Rug Certainty

Because Persia is exhausted and other sources nearly so, resulting in importers not receiving 1% of former supply of antiques, and BECAUSE: through foresight based upon consular reports, I own a large stock of thick antiques, including Persians, you are invited to know these glories by writing for new descriptive list, prices at the low.

Read the list, note the credentials, indicate your preferences. I adhere to your requirements and pay express on approval, thus making your final selections free of hypnotic salesmanship. My books show that my customers invariably buy more than they anticipated.

L. B. Lawton, Skaneateles, N. Y.

Genuine Reed Furniture

Luxurious Comfort is the only term that adequately describes the Charming New Model here illustrated. This Design is also obtainable in a complete Suite.

Our Personal Service in aiding patrons to secure just the Design and Coloring that appeals to their individual taste is an advantage not found in the average store where selection is usually confined to the stock on hand.

SPECIALISTS IN SUN-PARLOR FURNISHINGS

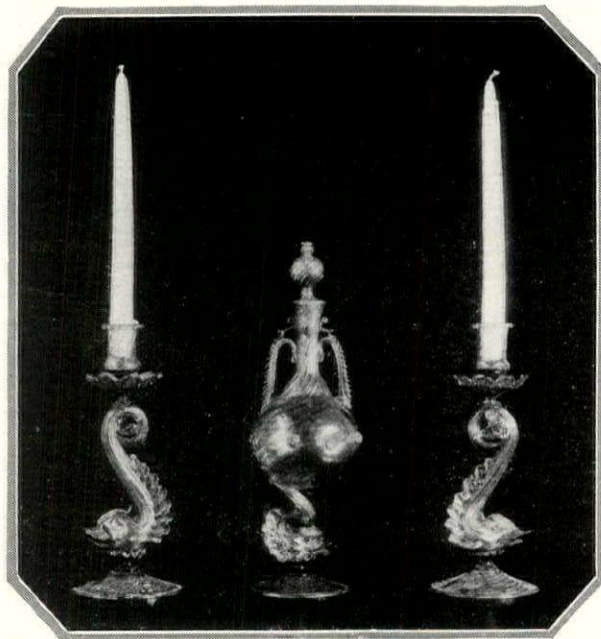
Our Distinctive Importations of Decorative Fabrics offer every advantage to those desiring to avoid the commonplace.

HIGHEST QUALITY—BUT NOT HIGHEST PRICED

The REED SHOP, Inc.

9 EAST 57TH STREET, NEW YORK

"Suggestions in Reed Furniture" forwarded on receipt of 25c postage.



Over seven hundred years ago, Venice was making decorative fragile glass. The ornamental amber colored pieces above are reproductions of old designs. From Oxington Brothers

Venetian Glass

(Continued from page 104)

yards and olive gardens" in his "Venice and Venetia", a book of intense adoration of old Venice, and fierce denunciation of the modern city, tourist-ridden as it was just before the War. But even Hutton approves of the modern glass factories with their clouds of smoke as a symbol of an ancient craft that still flourishes, or rather was flourishing, up to the time of the War. He describes the old aspect of the "island of glass", which possessed fine churches and rich convents; the latter had gardens where beautiful ladies walked, arrayed in silken robes trimmed with the fine Venetian laces (convents were not entirely devotional in those days) and bold patriots gained admission to make secret love to these ladies "while the waters lapped the walls." Romance, hovering always about the canals and the lagoons, was not absent from Murano. Marion Crawford laid the scene of his historical novel "Marietta a Maid of Venice" there, and made the heroine the daughter of one of the most famous masters of glass making, Angelo Berovieri, and one of her lovers another real character, Zorzi Ballarin, a Dalmatian apprentice who, as a foreigner, was forbidden by law to work in Murano, but was given special privileges by the Council. The other suitor, an aristocrat bearing the famous name of Contarini, might easily have been real too, as the daughters of wealthy glass-makers were permitted by law to marry patriots and their children regarded as noble. The novel pictures in much detail the life of Murano and its relations with the Venetian commonwealth in the 15th Century.

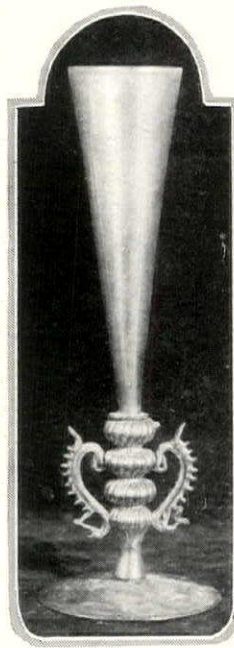
Already in the 15th Century some of the ornamental processes used to this day were known, although the culminating point in the development of Venetian glass was not reached until about the middle of the 16th Cen-

tury, and many of the best examples in Museums belong to this period, somewhat later. Authentic examples before 1500 are rare, and earlier than 1400 almost unknown. In Dillou's book on glass, two beakers in the British Museum are illustrated and described which are given the date of 1300, but the author says they may be either Venetian, or Frankish. Authorities give the record tradition that graceful objects of glass were borne in procession upon the occasion of the Doge Lorenzo Tiepolo in the 13th Century. In the treasury of San Marco are examples of glass which are part of the plunder taken by the Crusaders from Constantinople in 1204, which have influenced Italian craftsmen.

All of the very old glass, whether of a cloudy greenish, or light yellow hue, or the blue glass that was ornamented with enamel, has imperfections, sometimes a slight irregularity of shape, or little specks in the composition—perfection did not come at once, and never in the sense of modern mechanical regularity and brilliancy of finish. Venetian glass depends upon other more intangible qualities for its artistic appeal and fascination.

Enameling was a process that probably came from Syria directly, although the designs used were Italian in style, sometimes elaborate, with figures and medallion heads. The shapes of early glass cups and goblets adorned with color enamel and gilding seem to be derived from late Gothic models in metal. On some of these the enamel is applied thickly so that the original material shows but little. Examples of coats of arms in colored enamel lightly applied to transparent glass are to be found in museums.

These early enamel pieces show a triumph over technical difficulties (Continued on page 106)



A tall slim vase of modern Venetian glass comes either amber or ciel blue

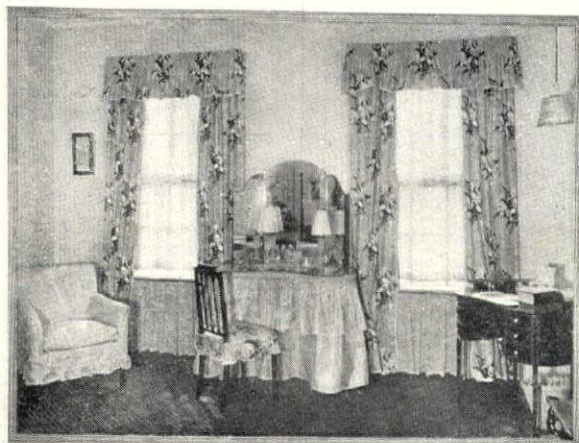
DIRECTORY of DECORATION & FINE ARTS



RUTH LYLE SPARKS

Interior Decorator

Antiques and Reproduction
12 East 48th Street
New York



A young girl's room in fresh hydrangea blue and pink. The Kidney Dressing Table and crystal framed mirror are of our own design.

17 EAST 49th ST.
NEW YORK CITY

Ethel C. Reeve, Inc.
INTERIOR FURNISHING

TELEPHONE
PLAZA 0440



*Furniture Draperies
Interior Decorations*

MR. PLATT will be pleased to make suggestions, submit samples and estimates. Reasonable prices.

The Platt Shop

45 WEST 48TH ST. NEW YORK
TEL. BRYANT 2750

GLASNER BROTHERS



A Unique Call Bell

Bell of Marine Brass-6" diameter
Bracket of fine handwrot iron-10" spread,
with necessary hammered head screws.
Raw Hide Thong Pull 30" long.

Price \$10.00 Delivered

19 East 48th St. New York City

The **MACBETH GALLERY**

ESTABLISHED 1892

American Paintings

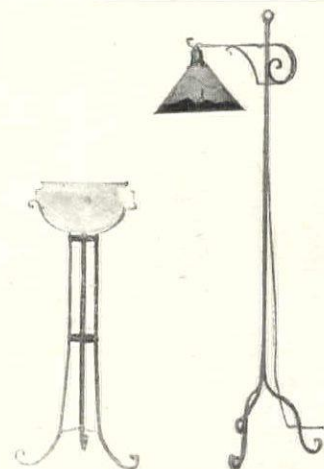
for Home Decoration
for the Collector

May we send you our Art Notes?

WILLIAM MACBETH

INCORPORATED

450 Fifth Avenue — 40th Street — New York



AQUARIUM & WROUGHT IRON
STAND

Verdi Antique & Polychrome finish, \$8.00
WROUGHT IRON BRIDGE LAMP
Black iron and Polychrome, with adjustable
Arm & Parchment Shade, \$5.00

Sent Express Collect on Receipt of Remittance
Art Iron Studios
615 Tenth Ave. New York



A. Lasslow
Designer of
Leather Screens
and
Wall Panels.

Send for our illustrated folder
Studio and Showroom

219 E. 60th St. NEW YORK

MRS. GILLETTE NICHOLS, INC.

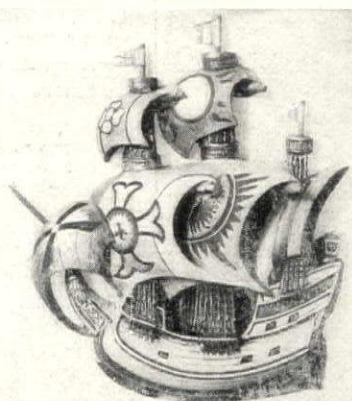


Old English furniture simple in design and glazed chintz, combine
in creating a dining room of much dignity and charm.

DECORATIONS FOR CITY OR COUNTRY HOUSES

402 Madison Avenue,

New York City



ORNAMENTAL SHIP
for WALL DECORATION

A charming hand painted relief
designed by Fred Dana Marsh.
A. N. A. Size 12 1/2" by 11". Ready
to place on wall. Price \$12.00 post-
paid. Leaflet H1 sent on request.

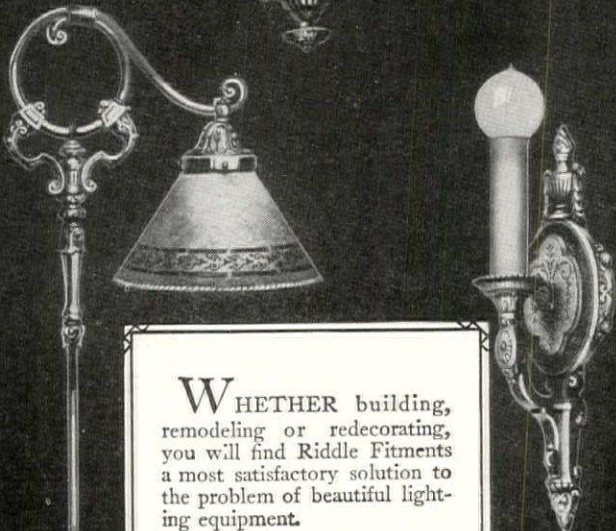
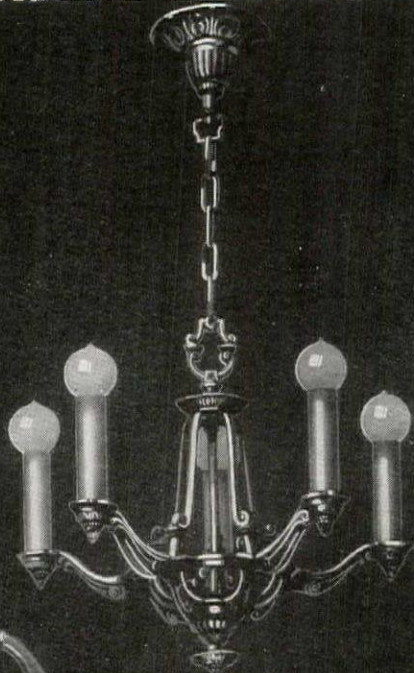
JAMES R. MARSH
ARCHITECTURAL ORNAMENTS
101 PARK AVENUE NEW YORK CITY

Venetian Glass

(Continued from page 106)

Riddle

DECORATIVE LIGHTING FITMENTS



WHETHER building, remodeling or redecorating, you will find Riddle Fitments a most satisfactory solution to the problem of beautiful lighting equipment.

The Riddle Fitment Booklet

portrays the fitments in the actual colors of the beautiful and unique Estofado Decoration. Copy, with dealer's name, sent upon request.

The Edward N. Riddle Co.
253 Riddle Building, Toledo, Ohio

Floor Lamp, No. 625, \$35
Table Lamp, No. 650, \$40
Console Stick, \$15 pair



but they do not appeal so much to popular taste as the more transparent "cristallo", the very individual and typical discovery at Murano,—the delicate, gossamer glass, thin and light as air almost. There was a certain strength required to hold it together, as well as great ductility to permit blowing into fantastic forms, a quality that led to absurdly exaggerated shapes when taste began to decline. It was never absolutely clear as modern glass is, and when taken to an alien climate, like that of England, took on a misty cloudiness. Pale tints of color were used in the substance of many goblets and vases, and deeper colored spirals and studdings, which are a typical decoration, and show the facility acquired by Venetian workmen. Old Roman processes were rediscovered, of blending colors in marbled effects, and the Roman "millefiori" process. One of the best known Venetian varieties is the "Vetro di Trina", or lace-glass, in which slender threads of opaque white appear as a network imbedded in a transparent ground.

The glass beads that are so connected with Venice in the minds of modern travelers belong to her early history. Beads of course are as old as Egypt, and an adornment of primitive man. One tradition in regard to Venetian beads is that the explorations of Marco Polo prompted their extensive manufacture for African trade.

The invention of mirrors of glass to supersede the polished metal mirrors of antiquity is an achievement attributed to Venice with certainty. Mirrors became a very important part of the Murano industry, but in this department there was soon German competition, and that of French and English makers in the 17th Century. In the story of Venetian glass the chapter relating to mirrors, if it could be written in full, would no doubt be full of vicissitudes.

Belonging to 17th Century developments are the elaborate chandeliers that were a part of the decoration of Venetian palaces of a late period. These, if somewhat rococo, are very charming in their original surroundings, and are also capable of being adapted to modern interiors. The metal framework was completely covered by applications of opalescent glass in foliage patterns, and wax candles gleaming in this setting in the old reception rooms must have looked most inviting and gay, giving, as a French comment on these chandeliers says "une note claire et joyeuse" to an apartment.

By the 17th Century Murano no

longer stood alone in the manufacture of fine and artistic glass. The art had become well established in other European countries. Bohemian glass was from the first particularly a rival of Venetian, and their discovery of engraving upon glass, and the new methods of cutting that could not be successfully applied to the thin and most characteristic composition of Murano, contributed to the decline that was rapidly completed by political downfall. Nevertheless Venice did not yield without efforts to stem the tide of the temporary eclipse of her historic industry. An 18th Century master of glass arose, Guiseppe Briati, who was celebrated not only for carrying on old traditions, but also for his quite modern enterprise. He went to Bohemia to learn new methods, secretly it is said, and in disguise, and introduced them on his return, obtaining a permit to make glass in the Bohemian manner in 1736.

At the beginning of the 19th Century the Venetian glass industry was all but dead. About 1838, efforts to revive it began, which finally led to the modern 19th Century renaissance, due to the initiative and efforts of Antonio Salviati, assisted by English enthusiasts, and English capital. Since then there has been a copious output from the Murano factories. The most famous Italian glass has always been much appreciated by Americans. From inexpensive strings of beads to fragile articles de luxe it has been included in the European tokens of returning travelers, as well as being found in our shops. Inquiry for Murano glass nowadays reveals the fact that there are not many importations at present. American manufacturers are imitating the Venetian style in a general way, copying old shapes and coloring, and even sometimes the little flaws. As in the old days Bohemian glass competed in world markets, now Czechoslovakia is already to the fore, and sending out some artistic glass.

American glass has not been without originality from the first, and the modern Tiffany "Favrile" invention making artistic use of the iridescence acquired by antique glass through the lapse of time, has become known everywhere, ranking with the productions of Gallé, and other European artists.

In the making of glass modern mechanical processes have never altogether done away with the old craftsman idea, which has come down through the centuries, and which was so brilliantly exemplified in the factories at Murano.

MARY MACALISTER



DIRECTORY OF DECORATION AND FINE ARTS



DARNLEY

Inc.



WROUGHT IRON FLOWER OR IVY STAND. 40 IN. HIGH. WITH COPPER BOWL 13 IN. DIAM. ANTIQUE OR GREEN FINISH. COMPLETE \$18.

395 Madison Ave. New York

Screens of Distinction

TWO of the loveliest designs in *papier peint* left us by the 18th century are "La Jeunesse de la Journée" and "Les Amusements Chinois". Both of them were executed by the master, Jean Papillon, who, beginning life as an apprentice in a draper's shop, ending by making his name famous as a wood-engraver and designer of wall paper.

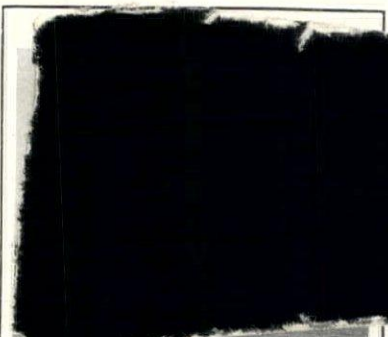
These designs are being reproduced today by Nancy McClelland, Inc., by the same process of hand block and "illumination" used in Papillon's time. When mounted on heavy canvas and strong frames, and glazed in delightful tones of blue or green or brown or yellow, they make screens of the greatest distinction, which look as if they were painted.

Low, three fold screens \$125.00
High, four fold screens 175.00

NANCY McCLELLAND, Inc.

753 Fifth Avenue

New York City



CHAMBERLAYNE, INC.

DESIGNERS and MAKERS

of
OFFICIALLY NOTED
DECORATIVE FURNITURE

226 East 42d Street, New York City

Decorate Your Walls With French Scenic Papers

Beautiful scenic papers, made from wood blocks engraved in the luxurious France of Napoleon's day. These papers give the effect of mural paintings, and in beauty and distinction are vastly superior to even the highest type of formal design. They depict such subjects as El Dorado, Scenic America, Italian Landscape, Fetes of Louis XIII, etc.

If your decorator cannot supply you, write for illustrated booklet.

A. L. DIAMENT & CO.
101 Park Ave., New York
Sole American Agents

Arts & Decoration Practical Home Study Course in **INTERIOR DECORATION**

Directors: Harold Donaldson Eberlein and Nancy V. McClelland

Twenty-four lessons, complete, authoritative, covering every phase,—artistic and practical—background, walls, curtains, color, lighting, textiles, period styles and furniture, composition. Practical direction to beautify your own home or to fit yourself for a professional career.

How the Students Regard the Course

"You cannot know how much I enjoy each lesson. Certainly those responsible should be congratulated. It is unbelievable that a correspondence course should be so interesting. I count it a privilege to take it."
"Each lesson is more fascinating than the preceding one, and more valuable."
"I want to tell you I never did anything so interesting as this course. It is as useful and practical as it is fascinating."
"I am greatly pleased with the lessons. I find them easy to understand and magnificently illustrated."
(From a subscriber in Mexico who mistrusted his knowledge of English)

An illustrated booklet will be sent on request

ARTS & DECORATION

48 West 47th Street

New York

The FLORENTINE CRAFTSMEN
— MASTERS OF THE METAL ARTS —
253 Church St., NEAR FRANKLIN ST.,
NEW YORK - N.Y.
CREATIONS AND REPRODUCTIONS Phone FRANKLIN 4304



#1413 size: 4 1/2 x 11 x 8 1/2 Extreme Projection \$ 18.90 each
#1412 " 5 x 13 x 11 " " \$ 23.10 "
#141 " 6 x 16 x 13 " " \$ 26.25 "

Same LANTERN CAN BE OBTAINED with 24" chain with canopy for hall use wired complete at the same price



ARTISTIC MAIL BOX

of wrought iron—weatherproof finish
To comply with the new law, effective January 1, 1923, requiring mail boxes or letter slots for all private residences.
Price \$6.00, with lock and key \$6.50 Postpaid
Illustrated leaflet H sent on request.

The H. W. COVERT CO.
137 East 46th Street
New York



UNFINISHED FURNITURE
"AS YOU LIKE IT"

STAINED — PAINTED
Decorated To Order

Artcraft Furniture Co.
203 Lexington Ave. New York City
Between 32nd and 33rd Streets

COLONIAL BRASSWARE

Send for this charming portfolio

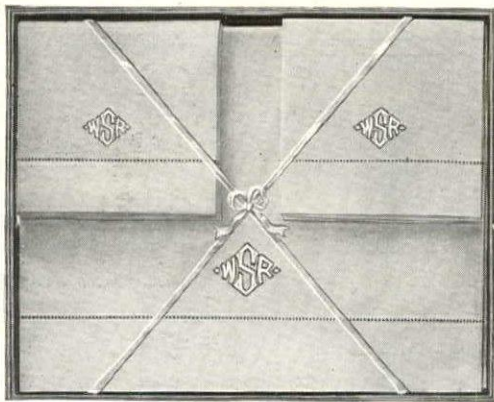
Miniature portfolio containing 20 pages of Colonial candlesticks, sconces, candelabra, tea and coffee sets, etc., in brass and copper, sent on request.

VERA SCOTT
33 West 49th Street
New York

SALE of "Walpole" Linens

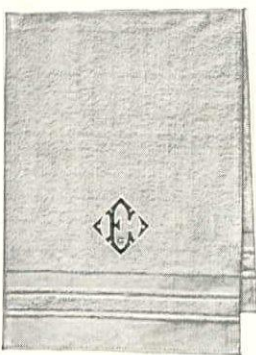


No. 3012—Pure Linen Hand Hemstitched and Embroidered Scarves. P23—Imported Scalloped Marcella Bed Spreads, fine quality.
 Size 18x36 in., Sale Price **\$4.00** ea. Size 72x108 in. Sale Price, **\$13.50** ea.
 Size 18x45 in., Sale Price **4.50** ea. Size 90x108 in. Sale Price, **16.75** ea.
 Size 18x54 in., Sale Price **5.00** ea.



Special—Set of Sheets and Pillow Cases. Comprising one pair 72x104 inch Cotton Sheets and one pair 22x35 inch Cotton Pillow Cases, complete with hand embroidered monogram, boxed and laundered. **Sale Price,**

Or with 90x104 in. Cotton Sheets..... **\$13.75** set
 Or in Pure Linen with 72x108 in. Sheets..... **14.75** set
 Or in Pure Linen with 90x108 in. Sheets..... **28.50** set
32.00 set



No. 71—Heavy White Turkish Bath Towels. 22x45 in. Complete with a 4-in. letter in any color.
Sale Price, \$8.50 doz.



J121—Pure Linen Hand Hemstitched 13-piece Sets, comprising one 18x54 in. Runner and twelve 12x18 in. Mats. **Sale Price, \$17.85** set.
 Also 13-piece Square Sets in same style, comprising one 22x22 in. Centerpiece, six 6x6 in. and six 10x10 in. Doilies **Sale Price, \$10.80** set

May Sale
 List No. 53
 Request

WALPOLE BROTHERS

HOUSEHOLD LINEN SPECIALISTS ESTABLISHED 1766

Fifth Ave. cor. 35th St. New York
 Also 587 Boylston St., Boston, Mass. LONDON & DUBLIN
 Factory: Warrington, Co. Down, Ireland



Drix Duryea

Even a freshly made garden exhibits an air of age when it is built into its site and thoughtfully spread with a floor of flagstones

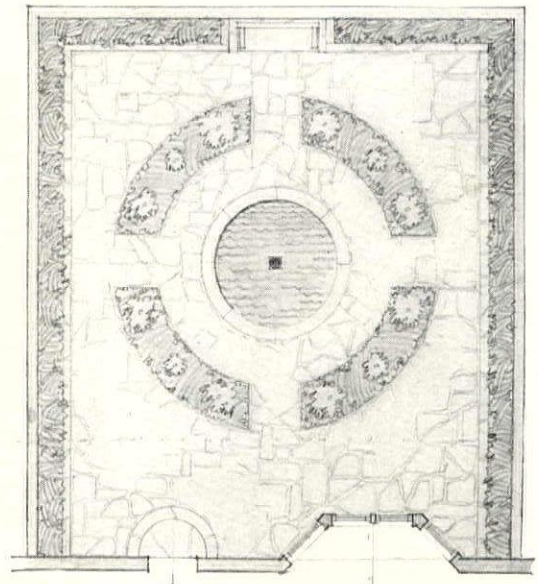
WALLED and PAVED TOWN GARDENS

WHENEVER you come upon a particularly satisfying and successful town garden you notice that it is something more than a bit of frail design set with ornaments in stone and cement. Nothing as slight as that can exist in the city where a garden must hold its own in sturdiness and permanency with the walls and houses that rise around it. In Summer, perhaps, foliage that is fortunate enough to attain a luxuriant stage will seem comparatively substantial; but a town garden is not essentially a Summer garden. More than any other kind it is one to be used and seen at all seasons. Therefore it is necessary that the garden in the city should be built into its site and treated with materials that will give it immediately a feeling of solidity.

Town gardens, as a rule, make two requests. In the first place, they ask that they be paved in some fashion. In the second place they urge that they may be allowed to enjoy a variety of levels. There are good reasons behind both entreaties. As to the wisdom of paving it is well known that grass cannot thrive in the city under the best circumstances, and that it can hardly exist when it is used as the floor covering of the garden and is walked upon continuously. Moreover, a town garden, being an outdoor room, is apt to be walked in during hours of fair weather at any season of the year, and it is necessary that it presents a firm and dry surface at all times. As to the matter of a change in levels, the reasons are both practical and esthetic. For instance, if the beds are set on the higher level and the paths and open space below, they will never have to undergo the disadvantage of poor drainage, while the plants within them, being on a level 18" to 30" above the paths, will always be easy to reach. Then, in addition, there is a nice feel to a garden that nestles down into its site, with steps connecting the two levels and a low wall about the central part.

The two London gardens shown on this and the following page have been granted the requests which town gardens crave. They have been sunk into their sites and they have been paved. Thus, while both gardens are quite young, each one gives the appearance of being effectively established in its place. The things of which they have been built and the manner in which

(Continued on page 112)



The plan of the garden pictured above shows how its retaining wall surrounds the rectangular space and returns on each side to the house, enclosing a splendid pool-set design

your garden.
\$7.00 each.

House & Garden Shopping Service

19 West 44th St. New York

The fountain illustrated here is priced at \$137.50 (F. O. B., N. Y.)
Our catalog illustrating a great variety of fountains, bird baths and
other garden ornaments, executed in Pompeian Stone, at prices that
are practically normal will provide innumerable suggestions.

THE ERKINS STUDIOS

Established 1900

240 Lexington Avenue, at 34th Street, New York

- ALL the table dishes in ONE TRIP.)
- (3) Large center pull-out Drawer.
 - (4) Double End Guiding Handles.
 - (5) Equipped with four (4) Rubber Tired
"Scientifically Silent" Swivel Wheels.
 - (6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer's name.

THE COMBINATION STUDIOS
504-G Cunard Bldg., Chicago, Ill.



WIRE GRASS RUGS

TRADE MARK REG. U.S. PAT. OFF.

CREX CARPET CO., 295 Fifth Avenue, New York City
Dept. 405

CREX



CREX




CREX



This extremely successful town garden, by being sunken and paved, becomes as integral a part of the site as the house. The walls and paths, by the way, are masterpieces of masonry

DIRECTORY OF DECORATION AND FINE ARTS



Hoo-Hoo
the Owl with
"Radium" Eyes

Locates the Light

He hangs on the light fixture and his "radium" treated eyes shine brilliantly in the dark. This most popular locator of the elusive light button is a life-like bird 1 3/4 inches high. Non-breakable. Painted in natural colors.

Postpaid \$1.00

Nature Studio
243 W. Eiddie Street, Baltimore, Md.



Furniture
Antique and Modern

Miss Gheen, Inc.
Decoration of Homes

New York Chicago
444 Park Avenue 163 East Ontario Street



Landscape and Garden Architects
Consultation Planning Development Direction
In-door Gardens Interiors

BEATTY & BEATTY
101 PARK AVENUE
NEW YORK

FULPER Keramidor
NO SPONGE BECAUSE INSIDE THE TOP IS Porous

This beautiful gun metal, flame finish, ornamental, useful, tobacco-cigar humidior. Porous top keeps the moisture right ~ Height 6 1/2 inches. Holds a pound of tobacco. For Clubs or Homes ~ where decoration ~ utility are considered.

You will find the Keramidor at the best shops or postpaid

\$5



Fulper Tobacco Jar Co.
Trenton, New Jersey.

Are You Redecorating?

Perhaps your rooms are done in a certain period or style. Sometimes it is hard to choose a picture or an etching which will harmonize and be in keeping with its surroundings.

House & Garden will be glad to make suggestions and furnish you with the names of galleries and dealers who specialize in the different schools of art.

Write to the

Information Service

HOUSE & GARDEN
19 W. 44th St. New York

OFFICIALLY NOTED



Quality
DUTCH TILE

WIDE selections of Faience and Dutch Tile from Delft, Holland, in various Textures, Colors and Designs suitable for Walls and Floors in Bath Rooms, Sun Rooms, Breakfast Rooms and Porches of distinction.

Color treatments and prices furnished on request.

Tile Importers Corp.
7 East 42nd St. N. Y. C.



Very attractive handwrought copper ash tray with wrought iron tripod (or stand). Size 8" diameter x 5" high, finished in natural colors. Price \$7.00 each.

House & Garden Shopping Service
19 West 44th St. New York

Your Garden

From the commonplace to the interesting is but a short step. Even the ordinary garden may have charm and individuality through the addition of a bit of statuary, a bird-bath, or a vase; and superb effects can be achieved by those who give a little thought to the harmony that exists between verdure and weathered stone. Study the possibilities of your garden.

The fountain illustrated here is priced at \$137.50 (F. O. B., N. Y.) Our catalog illustrating a great variety of fountains, bird baths and other garden ornaments, executed in Pompeian Stone, at prices that are practically normal will provide innumerable suggestions.

THE ERKINS STUDIOS
Established 1900
240 Lexington Avenue, at 34th Street, New York

SERVICE TABLE WAGON
Saves Thousands of Steps



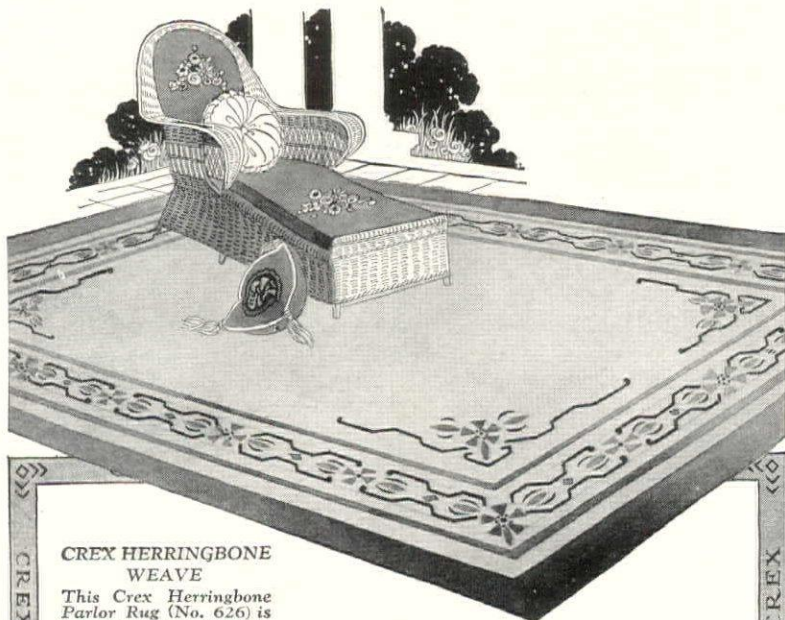
OFFICIAL

- (1) Has large broad Table Top (20x30 in.)
- (2) TWO Undershelves (to transport the table dishes in ONE TRIP.)
- (3) Large center pull-out Drawer.
- (4) Double End Guiding Handles.
- (5) Equipped with four (4) Rubber Tired "Scientifically Silent" Swivel Wheels.
- (6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer's name.
THE COMBINATION STUDIOS
504-G Cunard Bldg., Chicago, Ill.

Walled and Paved Town Garden

(Continued from page 110)

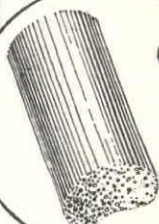


CREX HERRINGBONE WEAVE

This Crex Herringbone Parlor Rug (No. 626) is to be had in the 9x12 ft. size for \$19.50

Easy to Have Well-Dressed Floors

Below a strand of Crex wire grass magnified many times. Note the fibre: Smooth, solid, strong. No holes, no splits. This is why Crex rugs wear so long. Germs and dust find no lodging here.



CREX STRONG SOLID TOUGH WIRE GRASS



FOREIGN HOLLOW BRITTLE STRAW

This shows a strand of wire grass magnified in the same way. Note the spongy, shredded appearance. This is why foreign rugs and matting tear apart so easily. This spongy, shredded fibre is an ideal breeding place for germs.

NO reason in the world why every floor in your house should not be well-dressed this summer. Just insist on Crex Grass Rugs. No matter what the decorative scheme of your rooms may be—Jacobean, Colonial, whatnot—there's a Crex in design and coloring to perfectly harmonize.

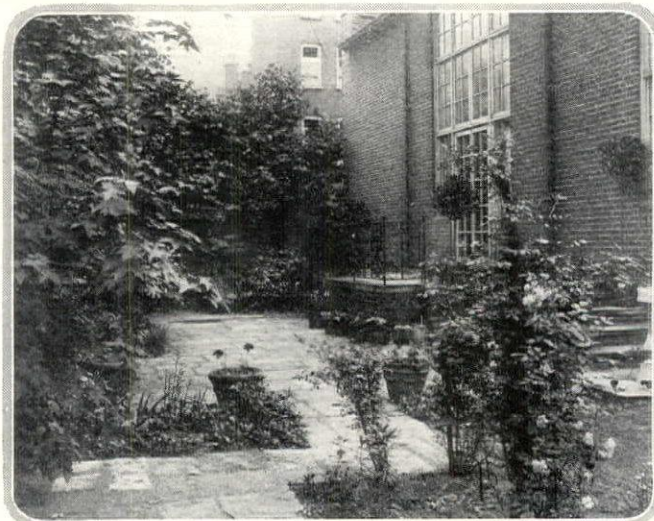
But be sure the rug you buy is a genuine Crex. Crex Rugs are made of tough wire grass, twisted and woven to give the strength that makes them last for years and years. Beware of inferior imitations.

for the
BOOK
design
Rugs
the a
well
any
full
depa
popu
\$11.

SEND TODAY

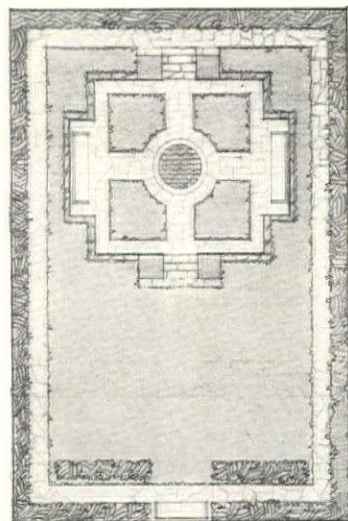


CREX CARPET CO., 295 Fifth Avenue, New York City
Dept. 405



Drix Duryea

Rectangular flagstones form the pavement of this well-enclosed London garden



The plan of garden below illustrates a beautifully planned design

they have been designed are in no way ephemeral in quality. Neither garden depends upon any loose ornament for its effectiveness.

The garden shown on page 110 occupies a tiny backyard plot. In the center of the almost square place a circular pool has been set, determining the shape of beds that lie around it like segments. A low retaining wall surrounds the garden like a deep frame. Beyond the wall lies a narrow border of heavy herbaceous plants. A solitary piece of garden furniture, a stone bench of classic lines, occupies a recess in the low wall. The paving stones are set in irregular pattern directly on the soil of the yard, with dirt joints in which small tough, trailing plants are grown. The beds are given body and emphasis by columnar shaped yews and privet.

The garden shown on this page is somewhat formal in design both in its metric and in the way its materials have been handled. The stones of the beds are rectangular in shape and are set with cement joints so that they maintain a smooth appearance.

The construction of the dry wall might very well serve as a model of excellence. The wall is composed of the most part of flat, split stones, occasionally larger pieces have been used with splendid effect. It is dry (without mortar) and the joints are made with earth, offering a good hold to rock plant and alpine.



This extremely successful town garden, by being sunken and paved, becomes as integral a part of the site as the house. The walls and paths, by the way, are masterpieces of masonry



DISCERNING home-makers have long sought in chamber furniture the quiet charm and dignity revealed by the new Simmons beds. Free of vagrant ornament, their tranquil beauty is rooted in simplicity of line and correct proportions—enhanced by color or rendered in fine wood finishes faithfully reproduced. In period designs and modern interpretations of historic styles, there are Simmons beds to complete any scheme of furnishing or any color

effect you desire. All work the same magic, adding apparent breadth and height to the rooms they decorate. Deep, restful sleep is insured by the super-comfort of Simmons mattresses and springs. Built in all standard types and widths, they range from buoyant mattresses of sun-fresh new cotton to the cradling luxury of the *Purple Label*, the finest mattress made. Delivered, like all Simmons beds, in dust-proof, sealed cartons. See them at your dealer's today.

Colonial in feeling, the livable character of this chamber depends as much on its variety as on the intrinsic quality of its furnishings. Walls are in sand-finish plaster, floor in dull yellow. The rich blue of the printed casement curtains keys up the paler blue green of ceiling panels; and stronger notes of same color in bed covers and rag rugs. Windsor chairs, gate-leg table. Queen Anne low-boy and night table. Windsor beds by Simmons in American walnut finish. May also be had in soft blue, jade green or brozen mahogany.

S I M M O N S
Beds · Mattresses · Springs
 BUILT FOR SLEEP



EGYPT—
in the
Valley of
the Kings.
by Avinoff

From Distant Lands—*Send Back Winged Words!*

How will you write to your family and friends about the pleasures of your trip?

How will you record your impressions for reminiscence in after years?

In words slowly and laboriously written—

Or in vivid words, packed with enthusiasm; colorful words, reflecting the glories around you; clear, fluent words, *typed* on the swift keys of the Underwood Portable!

Whether you voyage to Niagara or to the Nile, the Underwood Portable will heighten your enjoyment; both in the present and in the future.

The Underwood Portable is light, sturdy, simple to operate, staunchly cased.

In every detail of its appearance and construction it reflects the experience of the largest typewriter manufacturer in the world.

UNDERWOOD TYPEWRITER CO., INC., UNDERWOOD BUILDING, NEW YORK

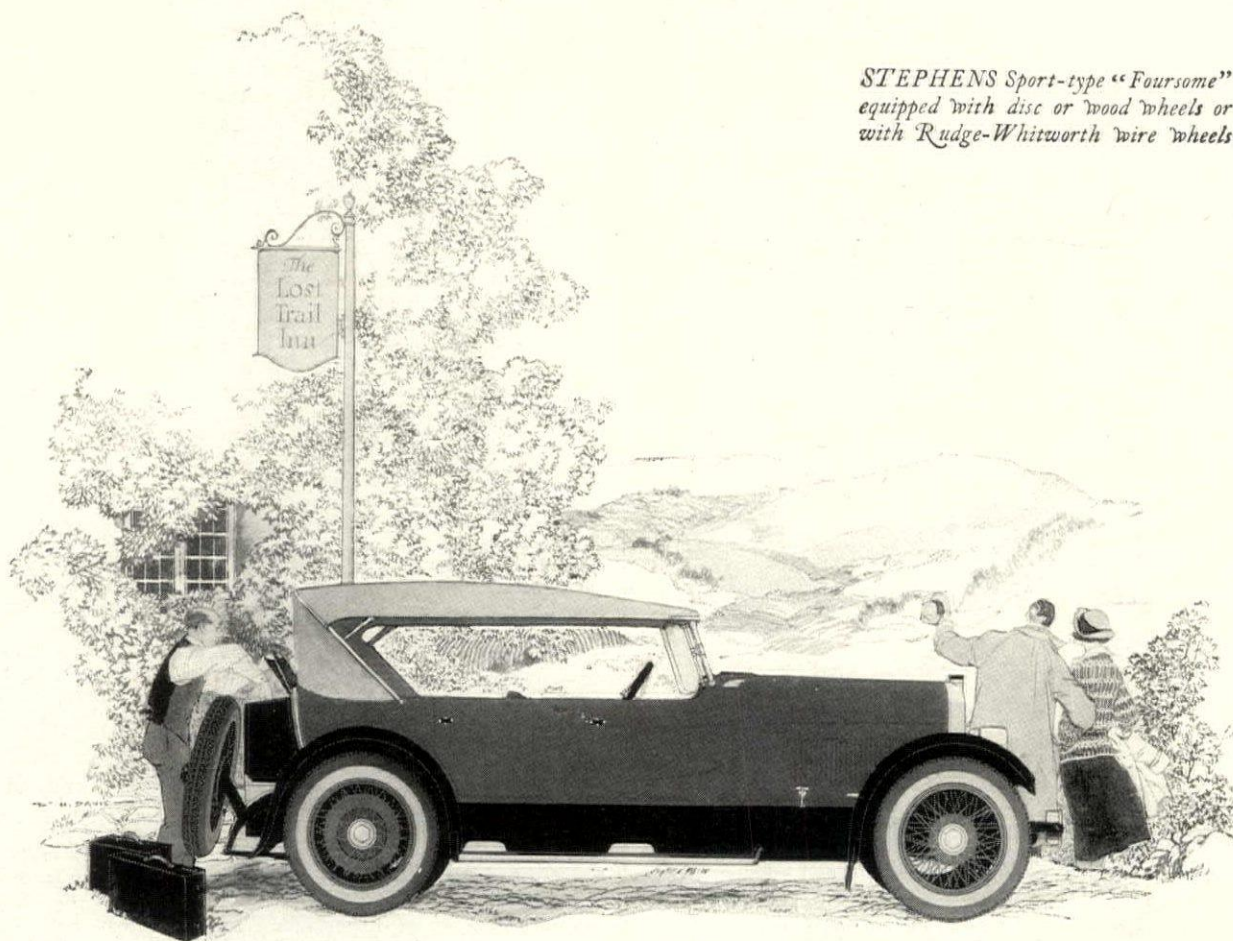
PRICE \$50
in the United States.
The Portable is obtainable
at Underwood offices
in all principal cities,
or direct by mail.

Cased:
Weight 9½ lbs.
Height 4½ inches.



Send for
"Giving Wings to Words"
an illustrated booklet
fully describing the
features of the Underwood
Standard Portable
"The Machine
You Will Eventually
Carry."

UNDERWOOD PORTABLE



STEPHENS Sport-type "Foursome" equipped with disc or wood wheels or with Rudge-Whitworth wire wheels

New trails for old! Stephens power and luxury transform any road

Green flame on every tree and shrub. Sap mounting. Robins calling. And far horizons beckon as spring romps north across the hills.

Foot-loose, free of any road, the Stephens "Foursome" sweeps you out to meet this April magic, every racing mile a fresh, confident adventure.

Patrician of sport models, the "Foursome" is as distinguished in performance as it is alluring in color and form. Fawn-gray and ebony, with apple-green wheels and khaki top, its swinging lines and contours are accented by the singing

notes of polished nickel in radiator, lamps, hub caps and windshield frame and standards.

Thoughtful little refinements emphasize the skill and care that shape its Stephens-built body, motor and chassis. Nickered slides cover the curtain-rod anchorages. Locked compartments and tonneau clock grace the rear of the front seat. Motor thermometer dial is on the dash.

See the "Foursome." Study its virile lines, balanced design, over-size chassis units, superb equipment. Drive it yourself. *Enjoy it today.*

STEPHENS MOTOR CAR COMPANY, Inc., Moline and Freeport, Illinois

STEPHENS

Finer Motor Cars



At Lower Prices

"A new Mark 26 Centuries Old" tells the story of the Stephens symbol. Write Moline

Full-color catalogue of seven smart body types on request. Write Moline today

Haviland China

Spode Porcelain and Pottery

(Continued from page 73)

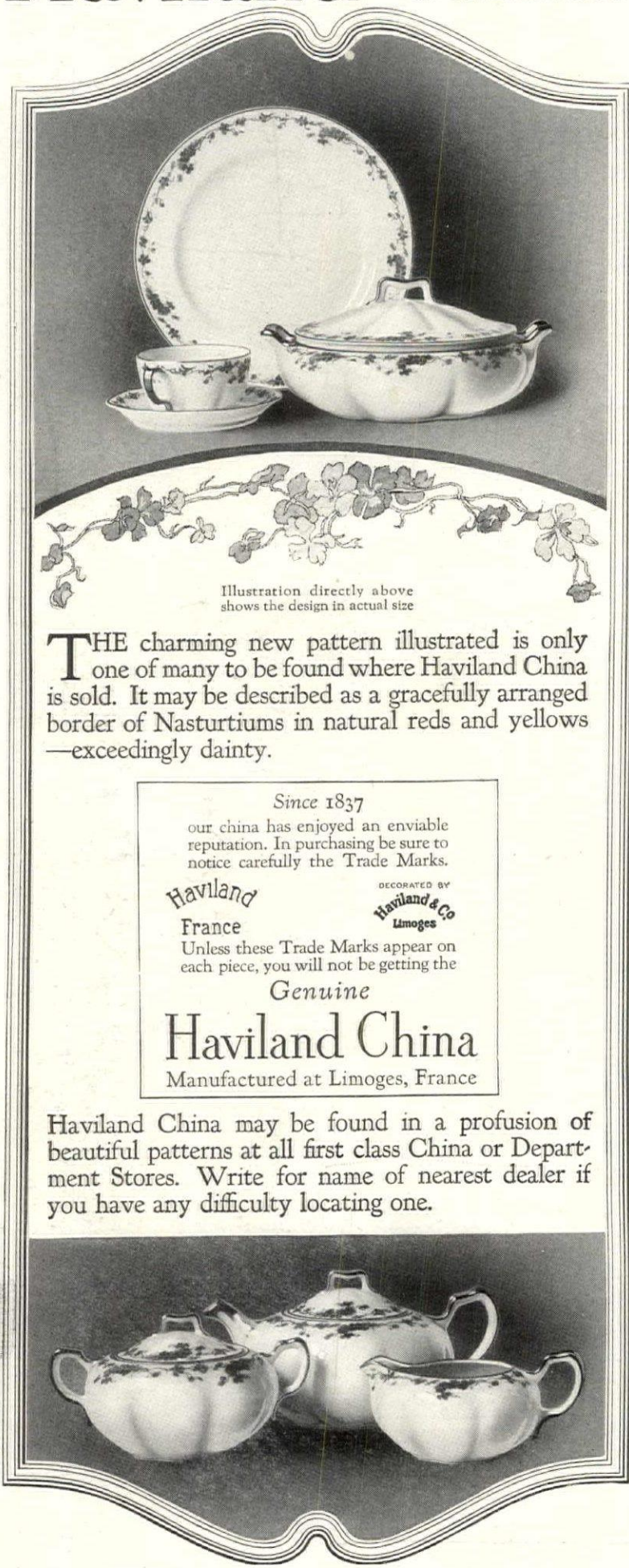


Illustration directly above shows the design in actual size

THE charming new pattern illustrated is only one of many to be found where Haviland China is sold. It may be described as a gracefully arranged border of Nasturtiums in natural reds and yellows—exceedingly dainty.

Since 1837
 our china has enjoyed an enviable reputation. In purchasing be sure to notice carefully the Trade Marks.
Haviland
 France
 Unless these Trade Marks appear on each piece, you will not be getting the
Genuine
Haviland China
 Manufactured at Limoges, France

Haviland China may be found in a profusion of beautiful patterns at all first class China or Department Stores. Write for name of nearest dealer if you have any difficulty locating one.

Haviland & Co
 11 East 36th Street, New York

their mouths. It is recorded by Simeon Shaw (writing a History of the Staffordshire Potteries in 1829) that they waited on Mr. Wedgwood to solicit his influence in preventing its establishment. We are informed that he religiously kept his promise, "I will give you my word as a man I have not made, neither will I make any blue printed earthenware."

But even Wedgwood could not check the universal demand for blue-print, and that of Spode's manufacture was acknowledged to be the finest; the designs were exactly to the popular taste.

Willow pattern had not long been started on its endless career by Turner from his works at Caughley, before Spode took it up. It is indeed embodied in some of his first experiments. The Spode version has a border of willow and dagger; the pagoda stands to the left, and the fence is short in comparison with the Salopian fence. When the impressed "Spode" mark is found in connection with these points the collector of willow rejoices in having found one of the earliest specimens. The Broseley pattern—which also emanated from Caughley—was used for tea-services; the "Buffalo" patterns came somewhat later; it appeared on dessert and dinner services; it was stippled and shaded, with perspective drawings of figures, animals, landscape, and architecture in the most naturalistic style imaginable. Probably Thomas Minton had a hand in it; he was a clever draughtsman and engraver and found plenty of opportunities to exercise his talents in the Potteries of that era.

Josiah Spode the elder died in 1797 and the year after his son, Josiah the second, settled in London the better to carry on the sale of Blue-Print and the other productions of the factory—Egyptian Black, which closely followed the Wedgwood model, colored stoneware and jasper with decorations in relief, and the cream-color ware of every-day. A couple of years later he was back at Stoke, and about 1800 had embarked upon the manufacture of porcelain, a step which was to have great effect upon the trade.

The introduction of bone-ash into the body of English china was not originated by Josiah Spode, but he treated it in a new way. Hitherto the bone-ash had been calcined first and mixed with some of the other china ingredients. Spode was the first to add it, without calcining, to the simple mixture of china-clay and china-stone, and the method now typifies the commercial bone-paste in England and abroad. The addition of pure felspar was his invention, and this innovation, used with a smaller proportion of the

china-clay gave a rich quality porcelain, and an even translucency that never degenerated into glassiness.

Like his father before him, the second Josiah Spode was forever striving to improve his wares, and this, combined with sound business inasmuch as he soon made the Stoke factory a rival to the classic works at Worcester, which by this time were content with the old trade while Spode, as the go-ahead firm, seized every chance that offered for new experiment and research. This opaque porcelain was a result of this industry and skill; launched in 1805 as ironstone and had an immediate success. Staffordshire was already famous for European potteries, and the new stone was exported in quantities. French faience could not compete in cheapness and durability.

By this time Copeland had come to the firm; originally a traveler in tea. The two began their acquaintance by an offer on Copeland's part to sell Josiah's tea-services to clients. This led to the establishment of a huge London branch for the sale of china-ware, with Copeland subsequently taking over the firm as managing partner.

While the ironstone china was gaining more fame and fortune to itself and Copeland, the earthenware was neglected. Strongly influenced by Derby—as were all the Staffordshire potteries—Spode now produced a glaze for the earthenware in red, and thick gilding which so resembled "Crown Derby Japan" unmarked pieces of Spode may be mistaken for it—some patterns actually are copied from the models. The technique was not perfect, the gilding was better, and more solid. The subtle difference in glaze and body may easily escape an unpractised eye.

The taste for the Chinese in decoration persisted long after the craze had passed in furniture from the Willow pattern on, and of a pseudo-oriental character constantly used by Spode. A favorite motif has hawthorn blossoms on a bright blue ground which is geographically patterned to present ice; the love being killed by frosts of adversity says the Chinese legend. Another birds and gay flowers charmingly drawn and colored on a ground netted all over with a thin pattern of cobwebs.

The second Josiah Spode died in 1827, and the third Josiah, a child only outlived him a few years. The business then passed into the hands of William Taylor Copeland, who bought it outright in 1833.

Wall Papers for Living Room

(Continued from page 60)

members of the family. To try to give definite advice is somewhat like trying to answer the questions of twelve people at once. Two or three points, though, stand out quite clearly. For example—the furniture is either period in character, part period, or else it is a more or less miscellaneous collection presenting no particular style that must be played up to. In the latter case the paper should be chosen to soften and counteract the effect of so many odd pieces of furniture. If the lines of these are bad a paper with an all-over design or one in a pictorial scenic effect will serve to distract the

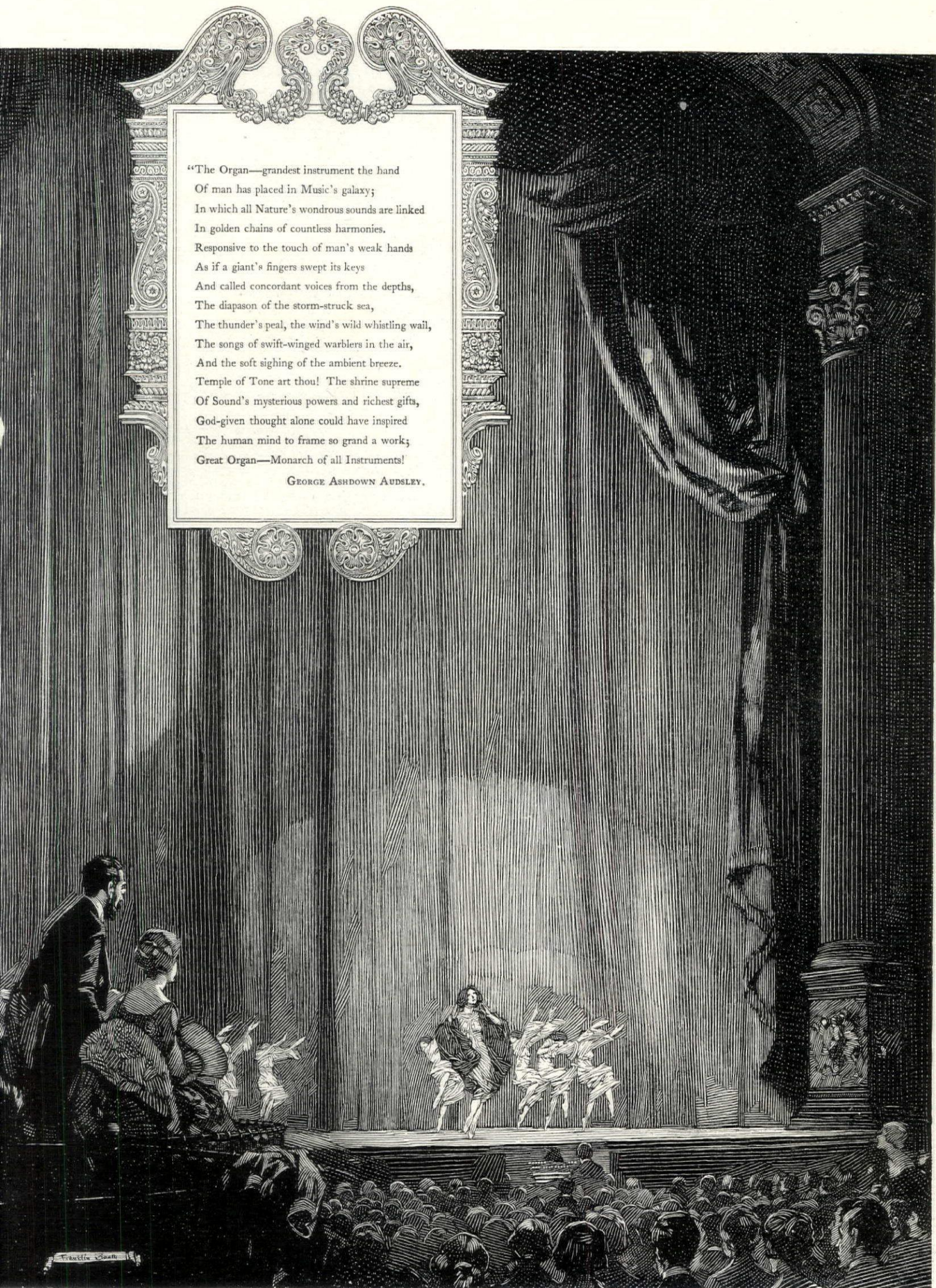
eye from the ugly contours of chairs and if the design be sufficiently striking in drawing and color it will help one to forget the unattractive furniture.

So, if you have a miscellaneous collection of furniture and cannot change it, then turn about and study it. If the contour that is bad, disguise it by keeping your wall paper fairly uniform in tone. Still further pull your rug together by letting the same colors appear in the upholstery show in the pattern. Do not in bold, vigorous pattern but in soft blended effects. They come

(Continued on page 116)

"The Organ—grandest instrument the hand
 Of man has placed in Music's galaxy;
 In which all Nature's wondrous sounds are linked
 In golden chains of countless harmonies.
 Responsive to the touch of man's weak hands
 As if a giant's fingers swept its keys
 And called concordant voices from the depths,
 The diapason of the storm-struck sea,
 The thunder's peal, the wind's wild whistling wail,
 The songs of swift-winged warblers in the air,
 And the soft sighing of the ambient breeze.
 Temple of Tone art thou! The shrine supreme
 Of Sound's mysterious powers and richest gifts,
 God-given thought alone could have inspired
 The human mind to frame so grand a work;
 Great Organ—Monarch of all Instruments!

GEORGE ASHDOWN AUDSLEY.



THE ESTEY PIPE ORGAN

FREE-50c WORTH OF JOHNSON'S FLOOR VARNISH

Johnson's Floor Varnish is unexcelled for soft and hardwood floors, linoleum and oilcloth. It gives a beautiful, high lustre—is very easy to apply and has good body. Dries dust free in two hours and hard overnight. Has great elasticity—is absolutely waterproof and very pale in color. Will stand all reasonable tests.



“Made to Walk on”



Johnson's Floor Varnish is tough and durable. It gives a beautiful, high gloss which will not chip, check, mar, blister or scratch white. Johnson's Floor Varnish is splendid for use on tables, chairs, wood-work, trim, etc. It will rejuvenate the whole interior of your home. Johnson's Floor Varnish is of the same high quality as Johnson's Floor Wax.

FREE OFFER

This coupon and \$1.00 is good for a quart can of Johnson's Floor Varnish. Regular price is \$1.50. Take the coupon below to your dealer and he will accept it as a 50c credit on a quart, half-gallon or gallon of Johnson's Floor Varnish. Or send it to us with \$1.00 and we will ship you a quart can by return mail—postpaid.

Are You Building?

If so, you will find our Book on Wood Finishing particularly interesting and useful, for it tells you to finish inexpensive soft woods so they are as beautiful and artistic as hardwood. Tells what materials to use—includes color card—gives covering capacities, etc.

Our individual Advice Department will give a prompt and expert answer to all questions on interior wood finishing—without cost or obligation.

We will gladly send this book free and postpaid for the name of your best dealer in paints.

THIS COUPON IS WORTH 50c

S. C. JOHNSON & SON, Dept. H.G. 5, Racine, Wis.
“The Wood Finishing Authorities”

I enclose \$1.00 for which please send me, postpaid, a \$1.50 can of Johnson's Floor Varnish.

My Dealer is.....

My Name.....

My Address.....

City & State.....



In a country house living room this paper with its all-over design of blue-green leaves would be unusually decorative



A cool paper for a sunny living room has a gray ground and a design in gray and white. From F. & J. Emmerich

Wall Papers for Living Rooms

(Continued from page 114)

variety of colors, blended in a great many different ways. Avoid a perfectly plain paper as it will emphasize every variation, every bad curve, line and color in the furniture. There are some softly colored tapestry effects—where the color is so exquisitely blended that the movement of the pattern is almost lost. These often solve the puzzle.

There is quite a different kind of living room to be considered, one where the wall paper is of vital importance. It is a long room with several fine overstuffed chairs and a large davenport. Windows on the south and west make it warm and sunny all the year. The furniture is covered with plain taupe mohair woven on a deep orange ground which gives a fine bit of variation and relieves the monotony of the otherwise large plain surfaces. A few Windsor chairs and others of similar character give the touch of sturdy line necessary. A room done entirely in overstuffed pieces is boneless and flabby. It needs the edges of the wood to sharpen and tone up the effect. The rug is a plain taupe chenille, with band on the edge in two darker tones of the same color. The lamp shades are in a soft orange yellow silk. What shall the paper be?

which makes its appeal to us through its lines. But there is one more kind of paper that fits this room. A fine drawn, beautifully balanced bird flower pattern in colors dark enough and rich enough to keep the quality of the furniture and still form a foil contrast for it. There are some wonderful papers of this character, as tiresome modern in their feeling as rooms into which they go. Often edges of the pattern are so beautifully colored that they give the softness of fine velvety texture—perfect for the room and the coverings of the furniture. Let it have soft grays and taupe in it, deep velvety greens, and fine red mulberry and plum, enough warmth to the taupe to grow quite naturally and easily out of the taupe upholstery with its partially hidden orange glow. Now the room begins to assume some character. Add curtains in one of the tones of the paper, the plum, for instance, and the room is made, except for the casual accents which one picks up from time to time, to give individuality.

PERIOD ROOMS

For the room that is strictly period the problem is simple. There are many excellent reproductions of old paper patterns made to fit the character of other furnishings. These may be obtained through any first-class decorator. If, however, you are using period furniture and have chosen just a few pieces to place in your room without desire or intention of having the room strictly “period”—then you have really the same problem as the one cited in detail above. Simply study your furniture for its characteristic lines and curves—its covering—decide where and how to keep the balance between pattern and plain and choose your paper accordingly. You may find the need of a neat little conventional figure, of large dignified formal movement, of stately landscape, classic effect, of fine stripes, of quaint and attractive Chinese spotting and motif of a pictorial Colonial paper. Study your room and don't be afraid of trusting your intuitions.

THE QUESTION OF PATTERN

Shall it be pattern or plain? Marked figure, or soft blend? Pattern by all means. One more touch of plain surface in that room would ruin the last opportunity to bring it to life. Even the gayest of curtains and pictures could not resurrect it, for they would simply stand out unsupported by a single color or line in the rest of the room and the rest of the room would disappear into vacuity.

So pattern it shall be. The furniture is heavy and dignified. It calls for a paper with like effect. There are a number of possibilities. There are on the market reproductions of William Morris papers with large dignified scroll patterns, beautifully colored and admirably dignified and adapted to go with a room of this kind. There are also rich tapestry papers, where leaves and flowers are massed together in such wise as to give a fine feeling of weight and substance—sufficient to maintain the feeling and character of the furniture. A landscape paper is a bit rigid and formal—better for the lighter furniture

Wall papers offer limitless opportunities for unusual and beautiful effects through their use one may have interior individual as well as merely beautiful



BERKEY & GAY Furniture



This shop-mark is inset in every Berkey & Gay production. It is the customer's protection when buying and his pride ever after.



"The Holyoke" Reveals a Twofold Worth

HAPPILY appropriate for the schoolgirl's own chamber, this new suite is equally at home in the guest room. To the one, it brings an intimately personal touch; to the other, an air of quiet refinement, inviting the casual guest to rest and relaxation. The combination of American walnut and decorated East India satinwood achieves a delightful color interest.

Your Berkey & Gay merchant invites you to see "The Holyoke" during May. It is uncommonly attractive at the uniform prices quoted here.

Seldom has the Berkey & Gay ideal of building furniture of enduring distinction—yet within the reach of the average American home—been better expressed than in "The Holyoke."

Bed	\$ 85	Chifforobe . . .	\$110
Bureau Base	} 125	Standing Toilet	28.50
Hanging Mirror		Vanity Case . . .	125
Chair	\$22.50		

To these prices your merchant adds freight charges

Through our policy of national pricing, you pay the same uniform prices for Berkey & Gay Furniture, whether sold

by retailers in the smaller cities or in the largest metropolitan centers. We have established a uniform standard—a trustworthy guide to serve you in purchasing—and a *standard of value* by which you may judge the true worth of all furniture.

Our brochure, illustrating and describing "The Holyoke," together with name of nearest Berkey & Gay merchant, sent upon request

THIS BOOK ON HOME BEAUTIFYING--FREE

This Book Tells

How to make your home artistic, cheery and inviting.

How to put and keep floors, woodwork and furniture in perfect condition.

How to finish soft and hard woods.

How to refinish old wood in stained and enameled effects.

How to fill unsightly, germ-catching cracks.

How to stain wood artistically.



JOHNSON'S Paste - Liquid - Powdered POLISHING WAX

You can give every room in your home that delightful air of immaculate cleanliness by using Johnson's Paste or Liquid Polishing Wax occasionally on your furniture, floors, linoleum and woodwork. Johnson's Wax cleans, polishes, preserves and protects—all in one operation. Easy to apply and polish.



\$3.85 Floor Polishing Outfit for \$3

With this outfit—a weighted polishing brush and a 1 lb. can of Johnson's Polishing Wax—you can easily keep your floors and linoleum like new. This special offer is good through dealers—or send \$3.00 direct to us. Send \$3.50 if you live west of the Rockies.

Are You Building?

If so, you will find our book particularly interesting and useful, for it tells how to finish inexpensive soft woods so they are as beautiful and artistic as hardwood. Tells what materials to use—includes color card—gives covering capacities, etc.

Our Individual Advice Department will give a prompt and expert answer to all questions on interior wood finishing—without cost or obligation.

We will gladly send this book free and postpaid for the name of your best dealer in paints.

S. C. JOHNSON & SON, Dept. H. G. 5, Racine, Wis.

"The Wood Finishing Authorities"

Please send me free and postpaid the Johnson Book on Wood Finishing and Home Beautifying.

Dealer's Name

My Name

Address

City & State

Summer and Autumn Vegetables

(Continued from page 88)

to us, is as a rule quite reprehensible. In order to get the best results in second cropping, we should wait till the first crop has vacated the space, then dig up the ground, and fertilize it again as in early spring. If seeds are planted on ground thus prepared for a second crop, a larger percentage of the seeds will germinate, and both the plants from these seeds and also plants transplanted into the garden for a second crop will withstand better the summer and autumn droughts and return a crop to the gardener much more abundant and of far superior quality, than that raised on ground not thoroughly prepared the second time. The importance of a second thorough preparation of the ground for the second planting cannot be too strongly emphasized.

Some may feel such amateur gardening as this is a hard task. The answer is plain. As the old masters have encircled the heads of the saints whom they painted with a beautiful halo, which attracts and holds us, despite the efforts of any one to inject doubts into our minds as to its reality, so there is a halo around gardening, which draws and keeps him who really has the love of a garden in his heart, and no hard work which his garden requires can dispel this halo.

This seed planting requires careful work to insure a fair percentage of germination, especially of the smaller seeds, because, as the summer advances, the surface soil generally lacks the moisture of the spring season when our first crop plantings were made. When we plant small seeds for our second crop in shallow drills, we should first press the seeds firmly into the soil with the back of our garden rake, then draw a little soil over the seeds and make this very firm with our feet or the back of our hoe blade, and lastly draw a little more soil over the seeds, leaving this covering loose. The compacting of the soil about the seeds draws the moisture from below up to their level, and the loose final covering prevents this moisture from passing off. Seeds should be planted a little deeper in summer than in early spring and the soil around them made firmer.

WHAT FOLLOWS WHAT

The problem of crop rotation has many solutions, and the following is offered as only one of them: Where the earliest radishes, lettuce and turnips grew, since these will all be pulled May 10 to May 25, tomato, pepper, mid-season cabbage, eggplant and summer lettuce plants may be set out, or lima beans, string beans, summer bush, squash, and early, mid-season, and late Sweet Corn may be planted. The early garden peas and onions from sets will have been harvested by July 4. Where these were, we may set out celery plants, not forgetting that this is a gross feeder and that an abundance of fertilizer should be put into the soil where it is set out, as with late cabbage and cauliflower plants also. The spinach will be over in early July, and beets for autumn and winter use may be sown in its place. In the space occupied by the early cabbage, cauliflower and beets, all of which will have been gathered between mid-June and mid-July, dwarf green curled Scotch kale and Brussels sprouts may be set out. Snap beans are always a standby as a second crop and can be used as such at any date up to Aug. 1. Between the hills of early sweet corn, though its ears have not all been gathered, winter

squash seeds may be planted, and the corn may be pulled up after all the ears have been gathered. In any space vacated by a first crop in the last half of July, white milan, or purple top strap leaf turnips or white queen or early barletta onion seed, to produce small pickling onions in late Autumn, may be sown.

FOR SUMMER AND AUTUMN

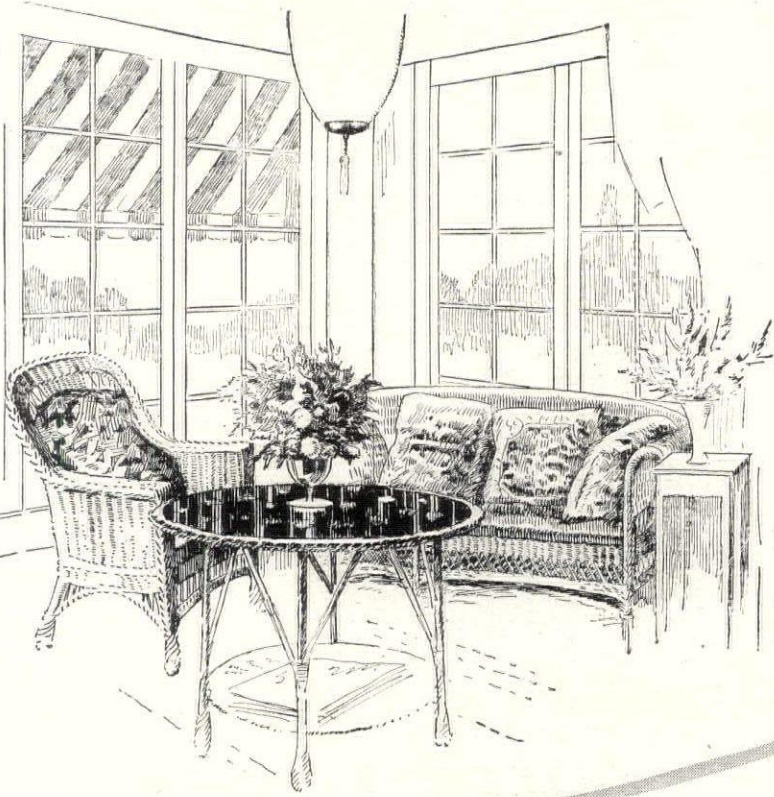
Other amateur gardeners may prefer other varieties of vegetables than those which our list comprises, but we have tried these and found them excellent: Beans: Bush Snap, Stringless Green Pod, Stringless Bountiful, Improved Golden Wax; Brittle Wax, Pencil Pod, Black Wax; Bush Lima, Extra Early Leviathan, Carpenteria; Pole Beans (not Limas), Old Homestead (Green Podded), Kentucky Wonder Wax. Beets: Crosby's Early Egyptian. Brussels sprouts: Sutton's, Dalkeith. Cabbage: Succession, Late Flat Dutch, Drumhead, Savoy, Red Dutch. Carrots: Chantenay, Danvers Half Long. Celery: White Plume, Golden Self Blanching. Sweet Corn: Golden Bantam, Golden Rod, Howling Mob, Metropolitan, Stowell's Evergreen. Cucumbers: Davis' Perfect, Improved White Spine, Fordhook Pickling. Egg Plant: New York Improved Spineless, Black Beauty. Endive: Broad Leaved Batavian. Herbs: Thyme, Summer Savoy, Tarragon. Kale: Scotch Green Curled. Leek: Large American Flag. Lettuce: Mammoth Black-Seeded, Butter, Hanson Improved, Iceberg. Onions: Southport White or Yellow Globe, Red Wethersfield, Okra: White Velvet. Parsnips: Hollow Crown. Pepper: Ruby King, Cayenne. Peas: Telephone. Potatoes: Irish Cobbler, Russet. Pumpkins: Cheese, Winter Luxury. Salsify: Mammoth Sandwich Island. Spinach: New Zealand. Squash: Golden Custard, Giant Summer Crook, Delicious. Tomato: John Baer, Chalk's Early Jewel, Crimson Cushion, Golden Ponderosa.

TIMES OF PLANTING

The time of planting varies with the latitude, but in that of New York City the following dates are approximately correct. Successive plantings of bush beans may be made from May 10 till July 25; and of bush and pole lima and other pole beans from May 15 to June 15. Beets, chard, and carrot from earliest spring up to July 1. Sweet corn, early, mid-season and late may all be planted in the period between May 10 to June 15, and the extra-early varieties up to July 10. We plant our cucumbers from May 15 to July 1. Endive for early to very late autumn crops is set out from June 1 to Aug. 15; okra is planted about May 20 to June 10; all garden herbs in late April or early May. Onions, parsnips, late peas as well as early, both early and late potatoes, spring and summer spinach also, salsify and leeks, as early in the spring as possible, the last in a sheltered location to be transplanted when about six inches high into prepared trenches, about 6" deep, of rich soil. To provide lettuce for us throughout the summer, and autumn (a very difficult proposition in this latitude where in summer it runs to seed so quickly) several sowings and transplantings extending over the period between May 15 and Aug. 1 should be made.

Instead of sowing seeds of Brussels sprouts, celery, cabbage, cauliflower, egg plant, kale, leek, pepper, tomato and lettuce directly in the garden row

(Continued on page 120)



The ideal table top

LIGHT, airy, wicker chairs with their colorful cretonne cushions and yielding backs are most appropriate for sun parlors and summer porches. The wicker table to match may have a wood or wicker top, but better than either, and more popular, is the plate glass top. With gay-colored cretonne under the plate glass, the wicker table makes a strikingly handsome piece of furniture.

In buying a table equipped with glass top or in buying a glass top separately, insist on plate glass. Common glass is undesirable in every way. It is easily broken and, because of its uneven strength, is bound to break at the first slight accident.

Plate glass is better-looking as well as stronger. Its lovely polished surface against cretonne will reflect without distorting, like the cool depths of a sheltered woodland pool.

Plate glass makes a wonderfully practical as well as elegant top for library

table, dining-table, console, buffet and serving-table. It is easily cleaned and protects without hiding the finely finished top of the table. Plate glass is particularly important on dressers and dressing-tables because the top is quickly ruined if not protected from perfumes and cosmetics.

An energetic home manager finds many practical uses for plate glass about the house. For instance, small shelves of plate glass in bathroom and kitchen are clean-looking and in keeping with the modern idea of sanitation. Plate glass covers for window-sills will preserve the varnish from the devastating effects of rain and sun. Plate glass push-plates for swinging doors are far better than metal—they will not tarnish, and finger-marks are quickly removed. A slab of plate glass makes an ideal bread and pastry board. Get plate glass from your glass dealer or hardware man, cut in any size or shape, with edges beveled, or nicely rounded and smooth.

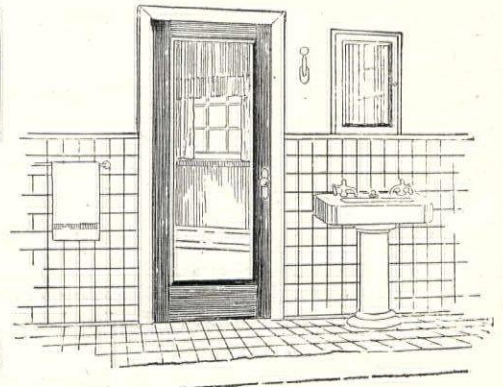
PLATE GLASS MANUFACTURERS of AMERICA

Plate glass is best for:

- Windshields
- Closed Car Windows
- Window Ventilators
- Mirrors
- Windows in Hotels, Office-buildings, Schools and Residences

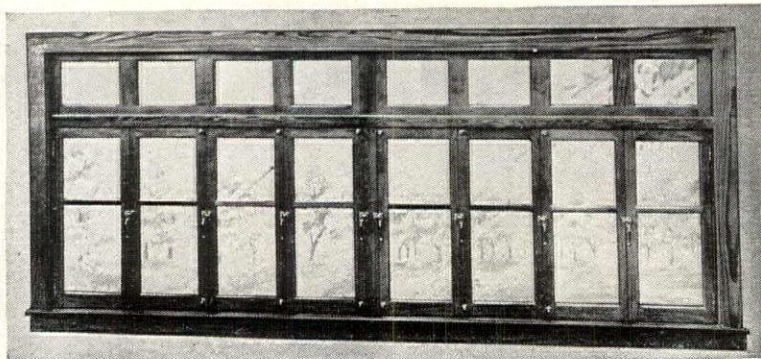


Nothing Else is Like it

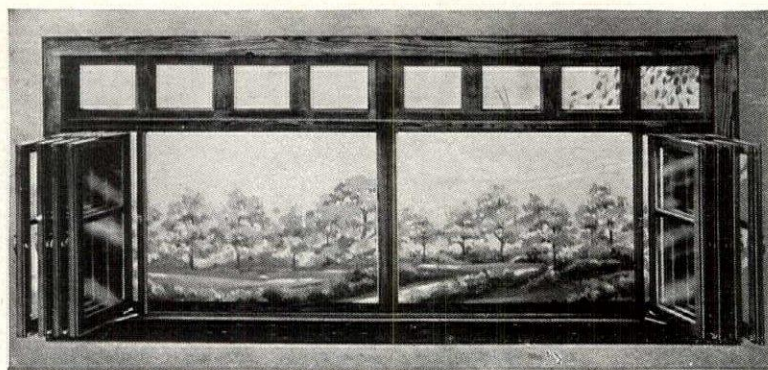
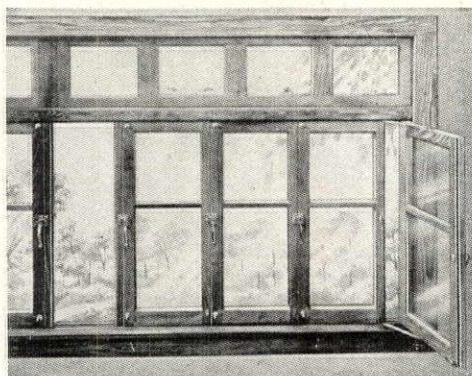


Summer and Autumn Vegetables

(Continued from page 118)



Above: AiR-Way installation consisting of two series of four sash each. One series opens to the left; the other to the right. Right: Showing how the AiR-Way link opens each window. In each series of sash, the sash hinged to the window casing open first. Then the remaining sash slide toward this end as they are opened. Below: Showing all sash in an open position, affording an unusually wide and unobstructed opening.



New things become simple when once we understand them.

One of the new things today is AiR-Way Multifold Window Hardware. And, as these illustrations show, it is extremely easy to operate. AiR-Way windows flood the home with sunshine and fresh air, giving almost any room the advantages of a sun room or sleeping porch.

AiR-Way equipped windows open or close at a touch, but are absolutely weather-tight and rattle-proof when closed. They swing inward without interfering with the screen, which may be installed in the usual manner. If desired, curtains and shades may be attached directly to each sash.

If you plan to build or remodel, send today for a copy of Catalog M-28. It's yours for the asking.

Richards-Wilcox Mfg. Co.

"A Hanger for any Door that Slides."

AURORA, ILLINOIS, U.S.A.

Minneapolis
Philadelphia

Chicago
Boston

New York
St. Louis

Cleveland
Indianapolis

Los Angeles
San Francisco

RICHARDS-WILCOX CANADIAN CO. LTD.
Winnipeg LONDON, ONT. Montreal

(203)

or in a seed bed located in a sheltered spot, and to transplant the plants into another frame or bed just as soon as they are large enough to be handled, which will be when they put on their second or character leaves. When the proper time comes they may be moved into the open garden; there to grow on. All of these plants may be transplanted into the garden during the period between June 15 and July 10, except the tomato, egg plants and peppers which should be set out as soon as all late frosts are over, generally from about May 10 to June 1.

The early, mid-season, and late tomato plants should all be set out on about the same date, otherwise the late varieties may not mature their fruit early enough to escape the first Autumn frosts. The season in the latitude of New York City, between late Spring and early Autumn frosts, is none too long for the growing, maturing and ripening of pepper, eggplant, and the late varieties of tomatoes.

TRANSPANTING

Transplanting is best done in the afternoon of a rather warm day. To us transplanting seems to be a work which needs to be performed with much care. It is our custom to make with hoe or trowel a hole several times larger than is actually necessary to receive the plant, then pour into each hole about a pint of water. After this has settled into the soil, the plant is put into the hole clear up to its seed leaves; in the case of tomatoes, higher up, if the plants are very tall, since tomato plants will put out roots all along their stems, no matter how deep they are set. The soil then is returned to its holes, and made firm around the plants till the holes are nearly full, then about a pint more water is poured in around each plant, and when it has settled away, the rest of the soil is put back around the plants and left loose. Plants so transplanted will need no further watering. In the case of tomatoes, a small stake is placed firmly in the ground close to each plant directly after the transplanting, and the plants are tied to these rather closely with a strip of soft cloth or soft twine; if the plants are over

tall two ties should be made to each. The plants thus temporarily staked grow erect and are in better shape for a later permanent, stronger stake or frame.

We prefer not to water or have our garden watered with a hose from overhead at all. On the whole we do not think it beneficial. Water under heavy pressure applied with a hose when to tomato, especially, and also egg plants and peppers, and even beans to some extent, are in flower will surely shorten the crop. In place of watering we practice very frequent and thorough shallow cultivation, using mostly a narrow steel garden rake, and we are quite satisfied with the result. When using a hose we feel as if we were a fireman, but when plying a hoe and rake we know that we are a gardener.

COVER CROPS FOR THE GARDEN

A cover crop in late Autumn and through the Winter is a benefit to the garden, even if it cannot be sown before the middle of October. This crop keeps the rich, top soil from being blown away in autumn and winter, and when dug under in spring both aerates and fertilizes the soil and helps to make it friable. Rye makes a good cover crop, it is easy to obtain and sow, and quick and sure to germinate. Since you are not growing this for a crop of grain, it will be sufficient to clear the garden of litter, and burn it then dig over the garden shallow with a hoe or any convenient tool with which the work can be done easily and rapidly, and then sow the rye thickly and rake it into the soil.

Gardening is a most interesting occupation. Our heads and our hands both enter into the work; when the former is well stocked with garden knowledge and wisdom and the latter follow its direction, there is little chance of any total failure in gardening, whether the season be too dry or too wet or we have late spring or early autumn frost and the bugs be numerous, and there is a strong probability of large success but there is little hope, though all the garden stars in the heavens be auspicious for satisfactory crops from a garden cultivated by ill-guided hands.

Where To Look For Curios In London

(Continued from page 62)

name for half a mile, you begin to pass between shops of the kind you seek almost all the way to Gunnersbury Station. To take the Metropolitan railway to Shepherd's Bush is another good start, and to hunt in the shops under the arches of the raised railroad is almost sure to be fruitful. From Baker Street, near Madame Tussaud's to Oxford Street, passing through the by streets near the Wallace collection, gives a stroll full of interest to a collector, and provides him with many chances. For the point is that there, as in most of the other regions I have named, a collector may pick up something really good at a moderate price, or something collectable at next to nothing of a price. Things are both dearer and cheaper in London than in provincial cities and towns. Thus at Gloucester I was asked fifteen dollars for an old oak coffin-stool—excellent for modern use as a stand for your glass or after-dinner coffee by your favorite armchair. I bought one, of first-class quality, in

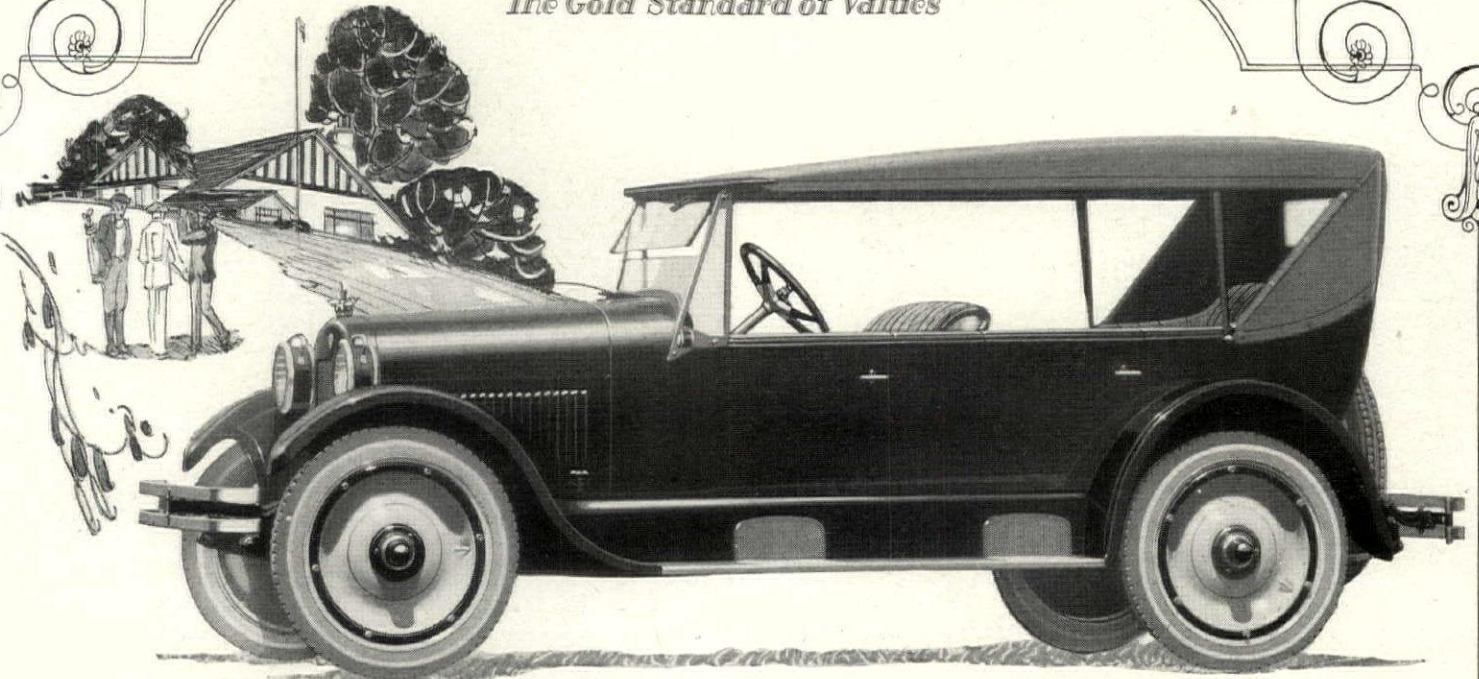
London, for less than two dollars—no a seventh of the Gloucester price—this other day.

Every Friday forenoon, from about 10:30 to 1, a great chance occurs. You take the Tube train to Caledonian Road Station; five minutes walk away is the Caledonian Market, a vast cattle market empty on a Friday except for the things which hundreds of small antique brokers carry there to spread out on the open flagstones. This is an opportunity which no American collector visiting London should miss. Hanging on a wall near me as I write is an oil sketch, a portrait by Rossetti of his wife, which I bought there for thirty-five cents, and I own at least two-score finds which became mine at the Caledonian Market.

Editor's Note: This is the first of two articles on collecting curios and antiques by Sir James Yoxall. The next published in the June number will take the reader on pilgrimages to some of the notable places of provincial England, Scotland and Wales.

REO

The Gold Standard of Values



New Phaeton Reo **\$1645**

At Lansing, Add Federal Tax

Summer Finds a Reo Ready

With an appearance that matches the spirit of the season, and performance-ability to master every condition of travel, the New Phaeton Reo most impressively answers the call of the open road.

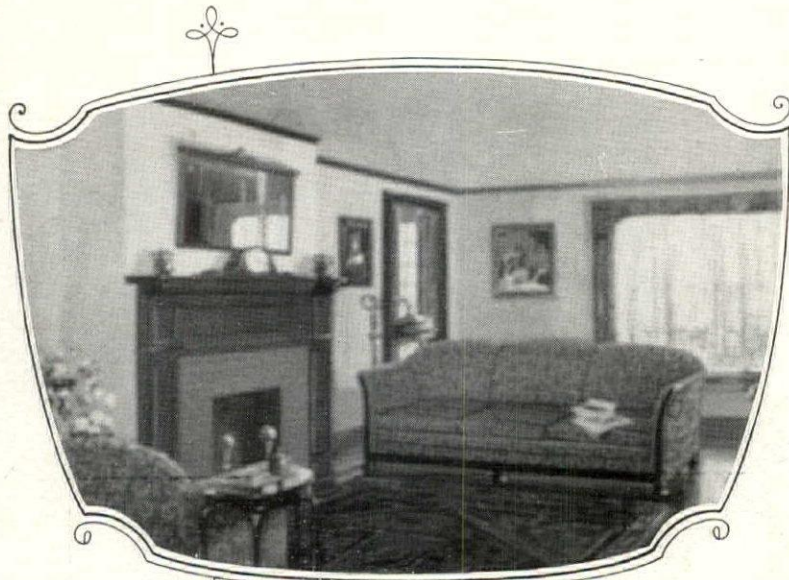
Man-size comfort results from large-dimensioned, generously upholstered seats and backs, and remarkable roominess in both front and rear compartments.

A guarantee of power and fleetness is the famous 50 H. P. six-cylinder Reo motor which, with giant intake valves in head, large exhaust ports, a four-bearing crankshaft balanced dynamically and statically, aluminum alloy pistons, unusual cooling efficiency, and wonderful accessibility,—

Is truly a remarkable achievement in automobile design and manufacture.

*Send for Booklet
"Reasons for Reo"*

**REO
MOTOR CAR
COMPANY**
*Lansing
Mich.*



Having company without the usual bother

The joy of having company is in doing away with the annoyances that it usually means. The modern Davenport Bed makes visits a pleasure for hostess and guest alike.

By day, the Davenport Bed is a most beautiful davenport; a tribute to your good taste; luxurious, in harmony with your furnishings and your decorative scheme. By night, in the same spot, it becomes a bed—a *real bed*—in which the guest finds complete relaxation and rest.

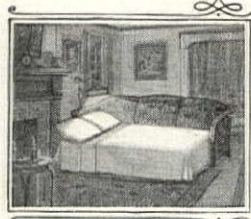
The transformation is made in a moment, and with ease. The bedclothes are in place. The bedspring is resilient. The mattress is as easily aired as in any other good bed. In the morning, the Davenport Bed is restored in a few moments to its daytime appearance—a beautiful davenport, giving no hint whatever of its usefulness as a bed. You can, if you wish, have chairs or rockers to match.

The Davenport Bed is adding comfort to millions of good homes and apartment hotels. From hundreds of styles in which Davenport Beds are made, your furniture store has selected a variety. Ask to see them; have the store demonstrate the excellent features that make the Davenport Bed a worthy addition to your home.

Our brochure, showing a large number of styles, is yours for the asking—write for it.

**DAVENPORT BED MAKERS
OF AMERICA**

Standard Oil Building, Chicago



The DAVENPORT BED

SERVES BY DAY AND BY NIGHT

Copyright 1923, Davenport Bed Makers of America



Slip covers for chairs are smarter when made in two sections. They are slit to allow for the arms and held with snappers. From Fakes, Bisbee, Robertson, Inc.

Well-Dressed Furniture

(Continued from page 59)

ings into an interior, cool, colorful and utterly charming, at comparatively little expense.

The first requisite of a slip cover is that it shall fit well. The most beautiful fabric in the world is of very little account if it is made into an ugly, ill-fitting cover. It is easy enough for slip covers to look dowdy. Great care must be taken in the making if they are to have the smart, prim appearance that makes them such a gay addition to a room. It is much the same with a slip cover as with a tailored frock. Everything depends on the finishing. Only the most careful attention to detail—to stitching the seams absolutely straight, to turning the corners in the most precise manner, to seeing that the flounces are straight, and, if box-pleated, that the pleats are exactly the same width, insures a well-tailored look and not that fatal "made at home" appearance.

Good upholsterers cut slip covers right on the furniture and it is impossible to lay down any hard and fast rule as to how to cut them. Each piece of furniture must be fitted quite as carefully as one fits a frock to a person. If expensive material is used, it is a good plan to cut the cover first in muslin. Pin this all together carefully, allowing enough for seams and in the case of an upholstered sofa or chair, about 5" on either side and in the back to tuck in. This is the time to

correct the mistakes. When the cover fits perfectly, cut the chintz from this pattern. Where there is a figured design great care must be taken to center the pattern. For instance, if there is a basket of flowers or some one decided motif, this should be in the center of the back of the chair and in the center of the seat cushion. And all designs in fabrics should point upwards. Slip covers can be put on and taken off more easily if they are slit up the back and fastened with snappers.

For the ordinary Lawson type of 6' sofa it takes 11½ yards of 50" plain material to make a slip cover. In a figured fabric about thirteen yards are required. This includes either a box pleated or gathered ruffle around the bottom. If one prefers a slip cover without this ruffle, three yards less of material are needed. These valances around the bottom give a certain snap to a chair and usually measure 7" wide. If box pleated the pleats are two inches wide and the whole ruffle is from 1" to 2" from the floor. In measuring for a box pleated ruffle, allow three times the length of the space the ruffle is to occupy. For a gathered ruffle, about two and a half times. If the seams are corded in a contrasting color, three quarters of a yard of 50" material are needed and one yard of 36". I would suggest a prim, pleated ruffle on all furniture except that intended for a

(Continued on page 124)



The diagram shows how the covers are snapped together at the back. The material is checked gingham from James McCutcheon



New beauty for the whole room

--with window shades of durable Brenlin

IN your home are you making the most artistic use of your windows? They are, usually, the most conspicuous element in the room and can be made to add so much to the effect.

Prominent interior decorators say that the importance of window shades is often overlooked. Are your shades in perfect color harmony with your rugs and draperies? And are they in good condition—or are they unsightly with cracks and pinholes?

At small cost, you can give new beauty, not only to your windows, but to the whole room—with shades of handsome durable Brenlin.

In its base-material, Brenlin is quite different from the loosely woven, mesh-like fabric of ordinary window shades which are "filled" with clay or chalk and then painted. The constant wear of rolling and unrolling, flapping back and forth in the breeze, causes the dried out, brittle filling of clay or chalk to loosen and fall out leaving cracks, creases or pinholes through which the light shines and thus ruining the good appearance of ordinary shades.

Brenlin shade material requires not a particle of filling

Brenlin is made of a fine closely woven material that needs no filling of any kind to make it smooth and opaque. It is strong and flexible and hangs straight and smooth. These qualities are woven into the fabric itself—not applied later. For this reason, Brenlin wears two or three times as long as the ordinary shade material.

Brenlin comes in a wide range of soft, rich colors among which you will find one that blends harmoniously with your color scheme. Experts finish Brenlin by hand and apply with the utmost care the beautiful colors that resist fading by the sun and defy stains by water. If you wish a different color on each side, get Brenlin Duplex for perfect color harmony.

After all, new shades are one of the little touches which make perfect the whole scheme. And Brenlin is not expensive. When you consider how much it adds to the beauty of your interior effects and how long it wears, you will find its use economical, indeed.

Look for the name Brenlin perforated or embossed on the edge. If you don't know where to get this long-wearing shade material, write us; we'll see that you are supplied.

"How to shade and decorate your windows correctly"—free

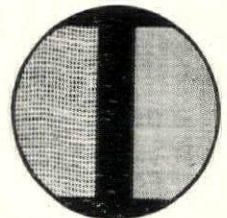
Write for a copy of this very readable booklet on how to increase the beauty of your home with correct shading and decoration of your windows. Samples of Brenlin in several colors will come with it.

For windows of less importance Camargo or Empire shades give you best value in filled shades made the ordinary way.

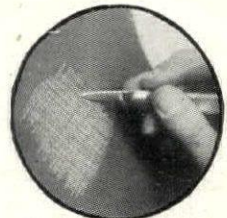
HAND MADE
Brenlin
the long-wearing
 WINDOW SHADE material

THE CHAS. W. BRENNEMAN CO.
 CINCINNATI, OHIO

"The oldest window shade house in America"
 Factories: Cincinnati, Ohio, and Camden, N. J. Branches: New York City, Philadelphia, Dallas, Texas, and Portland, Ore. Owner of the good will and trade-marks of the J. C. Wemple Co.



On the left, the material in an ordinary window shade; right, the fine, closely woven material in Brenlin



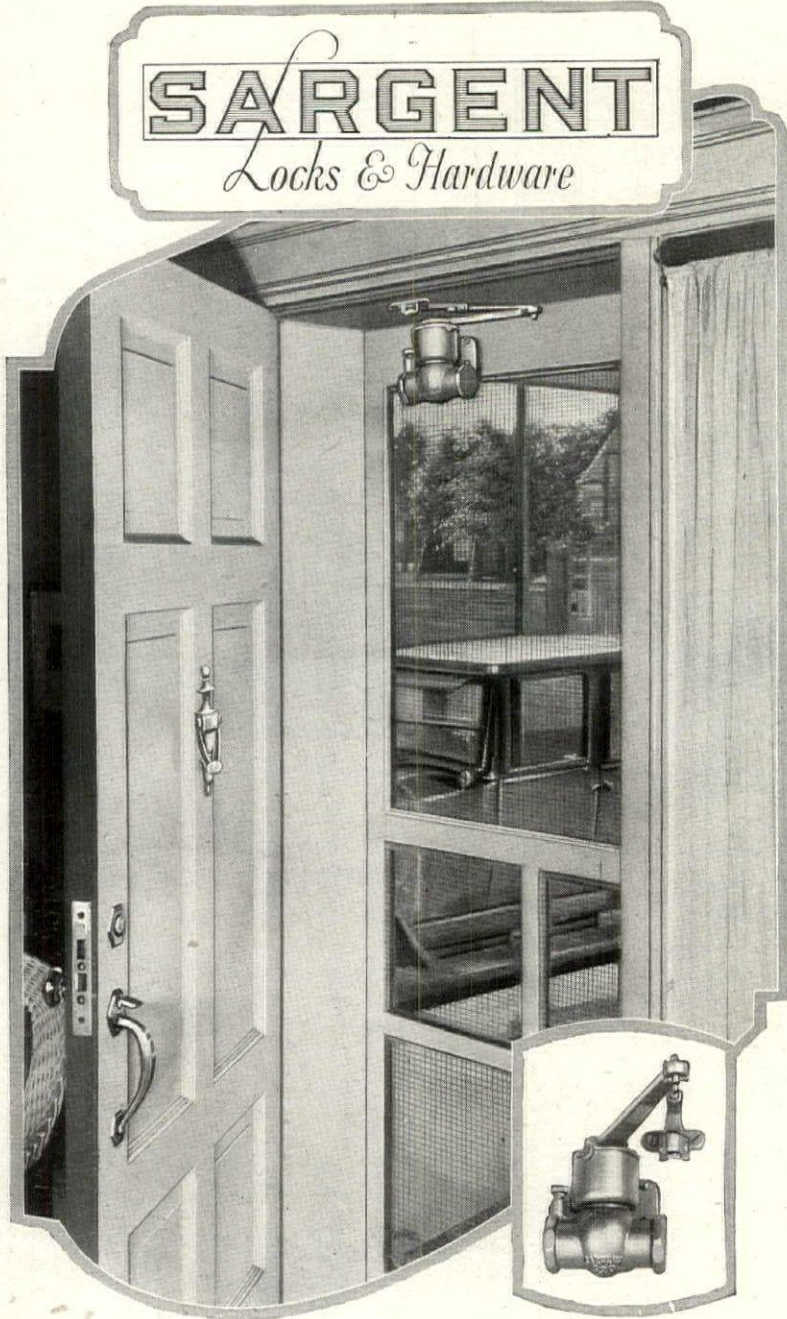
Scratch lightly a piece of ordinary window shade material. Tiny particles of chalk or clay "filling" fall out. Brenlin HAS NO FILLING



Every foot of Brenlin is carefully finished and colored by hand for beauty of appearance, long wear, and smooth operation

SARGENT

Locks & Hardware



Sargent Door
Closer No. 520

This screen door closed— without a slam!

TO have the screen door close every time it is opened and to have it close in *absolute silence*—what a comfort that would be, what freedom from annoyance!

But you have only to apply Sargent Door Closer 520! This closer is small in size—exactly suited for use on the screen door and doors inside the house. It is reasonable in price. Yet it works as silently and surely as the larger Sargent Closers you have often seen on commercial buildings. It may be used on the outside of the screen door, or between the screen door and the house door. It is quickly put up. A diagram with every closer explains its easy application to any door.

Use Sargent Door Closer 520, also, on the back-stairs door, the refrigerator room and lavatory doors and on the storm door in winter. It will add much to the safety, convenience and silence of your home.

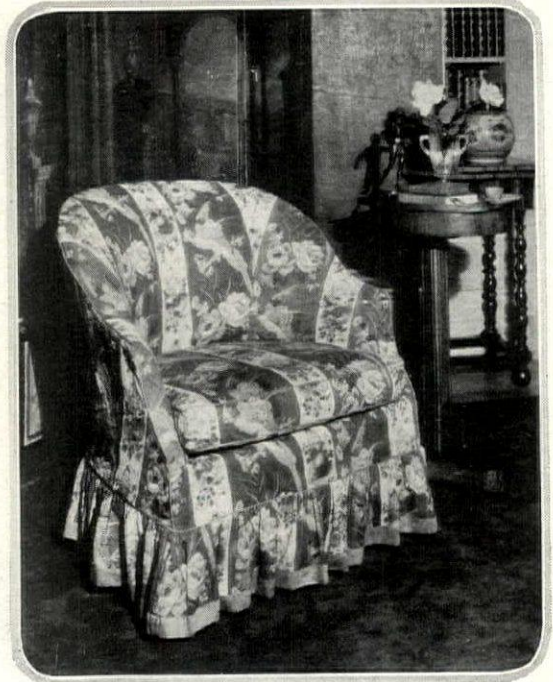
“520” is for sale by hardware dealers everywhere.

SARGENT & COMPANY

Hardware Manufacturers

31 Water Street

New Haven, Conn.



The design of the Chintz above is in blue and maize and the cordings and binding of the ruffle are blue taffeta. From Fakes, Bisbee, Robertson, Inc.

Well-Dressed Furniture

(Continued from page 122)

man's room. The covers here will be smarter and more masculine if they are strictly tailored and made to extend to the top of the chair leg and then bound with some contrasting color.

If one is using a flowered chintz, it is attractive to cord the seams and bind the edges of the ruffle in a plain chintz to match one of the colors in the design. If a box pleated valance is used it does not need any trimming as it is decorative enough in itself. Narrow fringes of wool or silk can be used in the seams and often give a pleasing, gay effect. If the cover is made with a plain piece at the bottom instead of one pleated or gathered, this might be bound with a half-inch binding of either taffeta or glazed chintz in a contrasting color. This flounce can be cut straight or scalloped.

Slip covers are made of a variety of materials. Chintz is the natural selection on account of the variety and beauty of its designs, its fresh, gay appearance and low price as compared to silks. Linen has a more pleasing texture, wears better but is also more expensive. It is more formal in character and has not the cool, crisp appearance of glazed chintz.

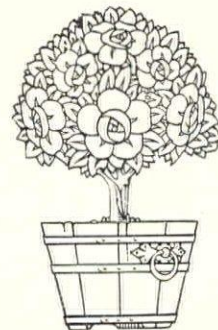
Toile de Jouy makes charming slip covers and there is an amusing pattern of shepherdesses in cherry red on a white ground that might be used with plain cherry red taffeta or linen. Another design has a graceful pergola in green on a gray ground that would be immensely cool in a hot room and one might use with it green taffeta.

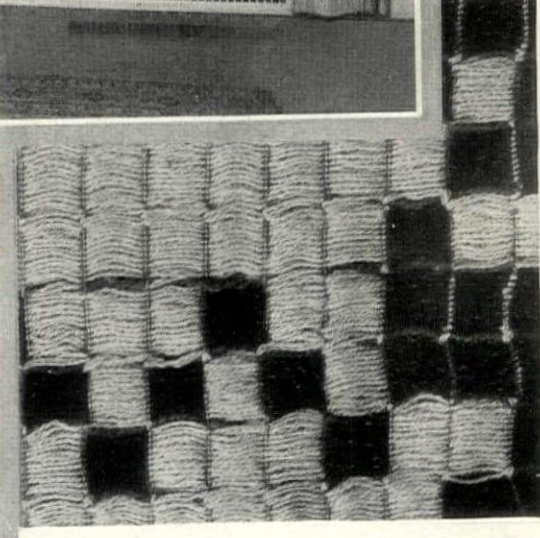
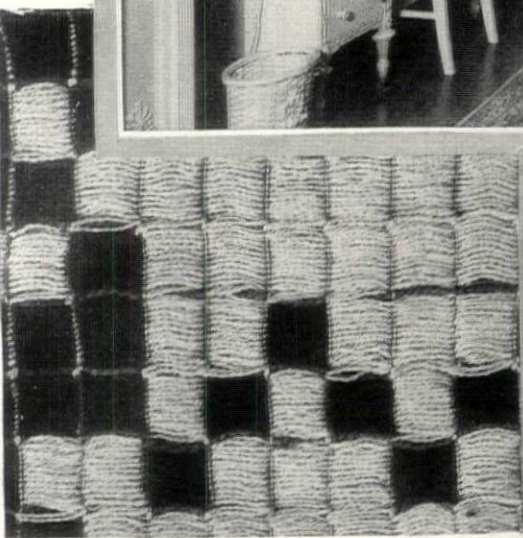
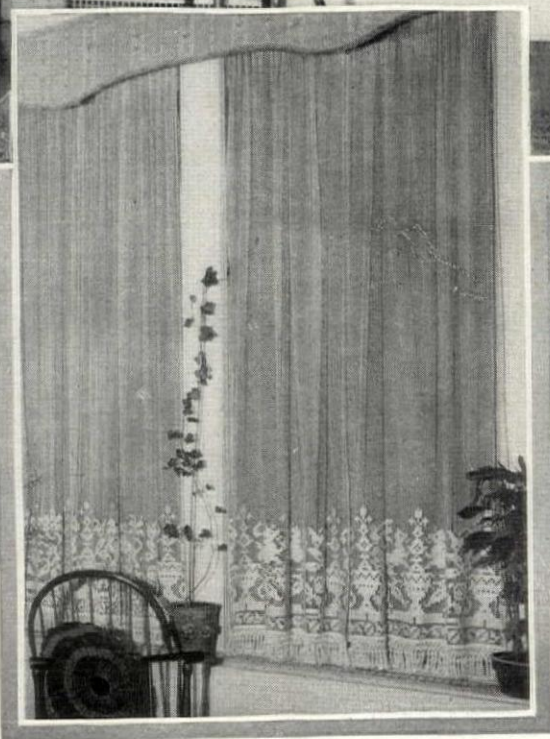
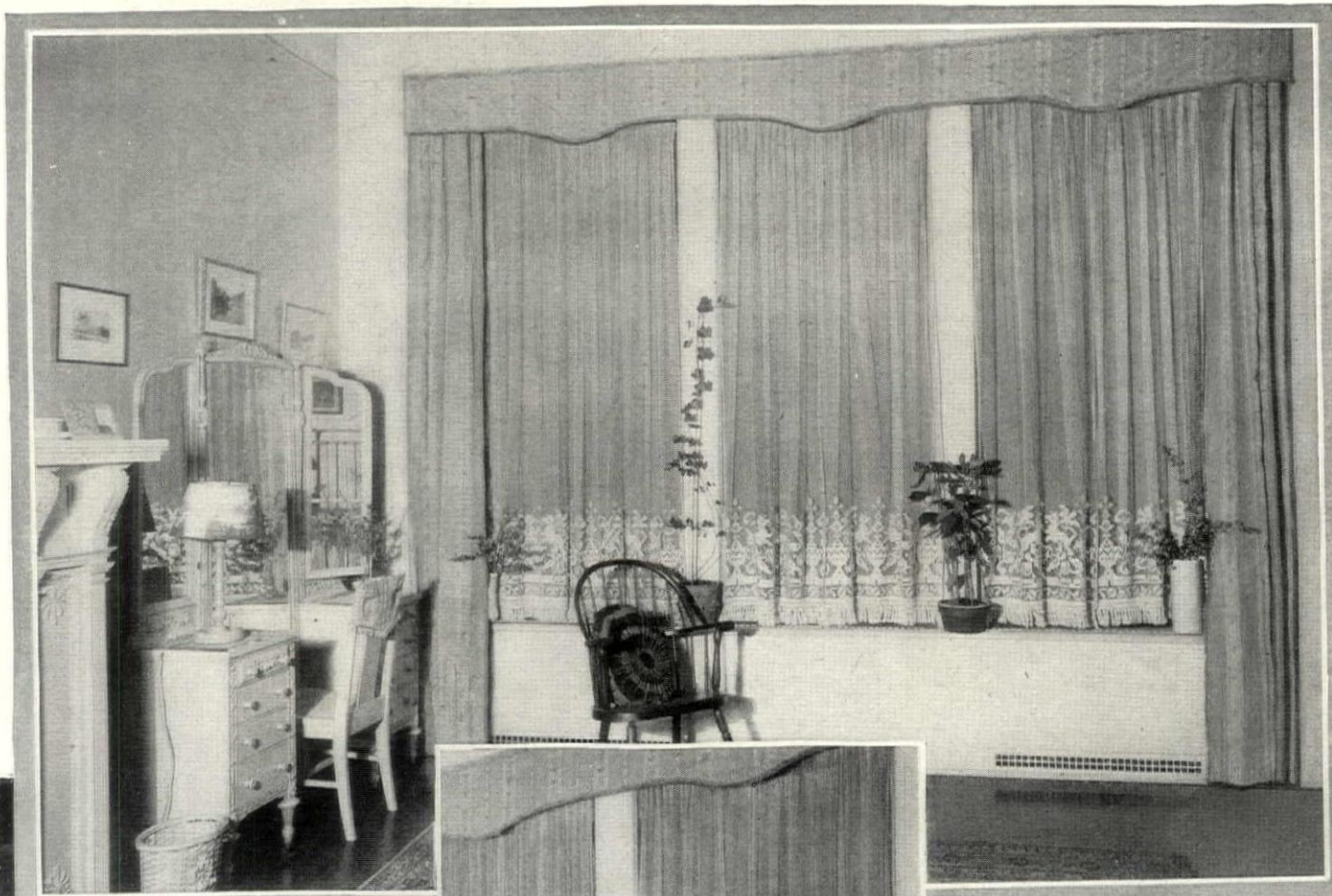
Taffeta is another fabric that makes effective slip covers. Often one hesitates to upholster a chair in a taffeta in some delicate color that will soon soil. In this case a slip cover should be made that can be removed and cleaned. A little knife pleated ruffle around the bottom makes an attractive finish.

It used to be customary in the case of a wooden chair with an upholstered seat to cover the entire chair with a slip cover. This is both ugly and unnecessary. Covers can be made just to fit the seats, snapping together in the back, as shown in the sketch on page 59. These can be made in three ways, the piece around the bottom cut perfectly straight, and bound, scalloped and bound or box pleated.

Unusually effective fabrics have been used for the slip covers on the chairs on page 59. One is a glazed chintz with a white ground and a delicate design of deep pink ivy leaves. This is bound with plain pink glazed chintz and made with a box pleated ruffle. The other, also of glazed chintz has a cool green lattice pattern on white. This cover is laced together at the corners with green cords ending in little wooden balls painted green. The attractive and unusual covers on the chairs of page 58 are of violet linen with a sun-proof green fringe used in the seams. A Directoire chintz motif has been applied on the backs and seats.

On page 59 is an exceptionally well made slip cover of glazed chintz in a cool water lily design, piped and bound with green taffeta.





Actual size illustration of *Filet Grandee*. Note the character of the net ground and filling.

Booklets That Will Help You
 Booklets "Concerning Window Draperies" and "Twelve New Ideas for Decoration" will be sent free if you mention the name of the best retailer handling window draperies in your city or shopping center. Otherwise enclose 10 cents in stamps.

Mrs. James Lees Laidlaw

THE MANHATTAN HOME of Mrs. Laidlaw has the fresh, restful atmosphere of a Westchester country house. Each room was planned and decorated by Mrs. Laidlaw personally, notwithstanding her many obligations as a society and suffrage leader.

Mrs. Laidlaw's boudoir, as dainty as a French miniature, depends in large measure for its charm on the sunny windows, veiled with curtains of QUAKER FILET GRANDEE. This mode of drapery offers decorative beauty and dignity, combined with that feminine charm which is the spirit and soul of Milady's boudoir.



QUAKER LACE COMPANY

MILLS: PHILADELPHIA, PA. • WHOLESALE SALESROOMS: 890 BROADWAY, NEW YORK

Rusty Water

Let us send you our new booklet "Ten Years Hence" which tells how to save money on plumbing. It is free. Address Department G.

DOES your water run clear at the first turn of the faucet or must you let it run? If it's rusty, it tells a tale—of iron water pipes rusting away in your walls—and plumbing bills to come.

Anaconda Brass Pipe never rusts—it delivers the water as clear as it comes from the reservoir. Anaconda Brass Pipe does not clog—the flow of water is never reduced by rust deposits.

If you're building or remodelling, note this: In a \$15,000 house, about \$75 more for Anaconda Brass Pipe means clean water and no repair bills as long as your house lasts.

THE AMERICAN BRASS CO.
General Offices: Waterbury, Conn.

ANACONDA AMERICAN BRASS LIMITED
New Toronto, Ontario, Canada

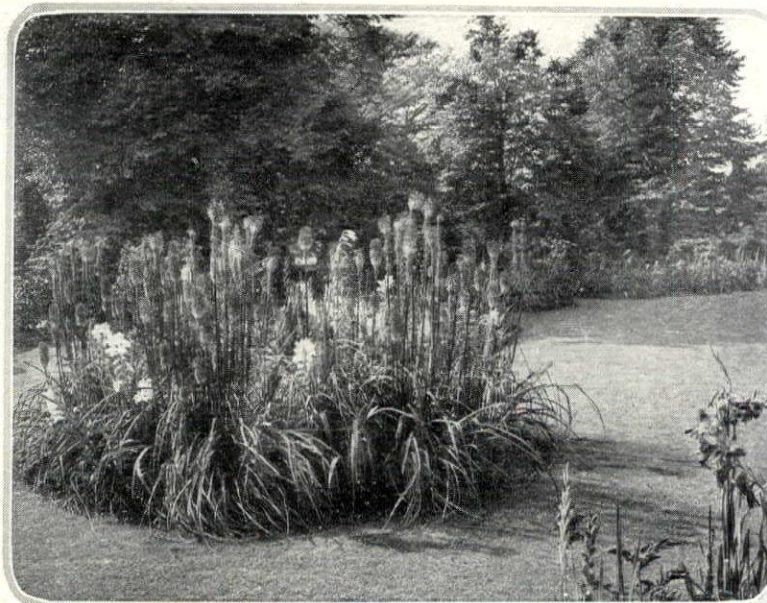


This Trade Mark stamped in the metal identifies Anaconda Brass Pipe manufactured by The American Brass Company, the world's largest manufacturer of copper, brass, and bronze products.

It is absolutely guaranteed.

Other Products

Copper, Brass, Nickel-Silver and all combinations of Copper, Zinc, Lead, Tin and Nickel which can be wrought into Sheets, Wire, Rods and Tubes; for general manufacturing and fabricating purposes.



A group of the old-fashioned Red Hot Poker, *Kniphofia aloides*, with spikes of *Gladiolus* rising from among the dense tufts of foliage. From this species many garden hybrids and varieties have been developed.

RED HOT POKERS

THE torch lilies are stately, richly colored members of the great lily family; known to modern horticulture as kniphofias, to former generations as tritomas, and to the general public as red-hot pokers. The small, tubular flowers are packed closely together in large numbers at the head of a stout, erect spike. The flowers droop a little as they open, and they vary in color, according to species, hybrid or variety, from pale yellow, through gold and orange to the most vivid crimson. The sturdy stems of the old *Kniphofia aloides* (*Tritoma Uvaria*), with its head of red flowers, suggest the name which has captured popular fancy and by which it is best known—red-hot poker. Kniphofias are natives of Africa, and as most of them come from the southern part of that great continent it will be obvious that they all love the sunshine, and are not well pleased with wet and cold winters. Deep, rich, well-drained soil, a sunny position, and some shelter from prevailing winds, will provide the kniphofias with suitable conditions. South of Philadelphia where some protection is desirable during winter, this may be afforded by covering the plants with a little heap of dry leaves or ashes in the autumn, as it is the crowns which suffer most from unpleasant climatic conditions. Before such a covering is placed in position a good dusting of old soot should be applied for the purpose of frustrating the inquisitiveness of creeping things.

KNIPHOFIAS IN THE GARDEN SCHEME

The majority of Kniphofias which have acquired merit as garden plants flower in late summer and autumn, and this fact should in some measure determine the position they should occupy in a garden scheme. For bold beds, set in a lawn, so that from the usual viewpoint they have a suitable background. Kniphofias are splendid, and the deep green, grassy foliage is always attractive. Where a wide border is reserved for herbaceous plants a few groups of kniphofias will serve to carry the floral feast well into autumn. Set in borders close to the house, or on a terrace, kniphofias are most effective, especially if the background is the deep grey of old stone; set against a background of red brick, they are less effective. Where walls surround a for-

mal piece of water excellent sites may be provided for torch lilies, but planting should be done so that the water catches the reflection of the flower heads, thus increasing their effectiveness.

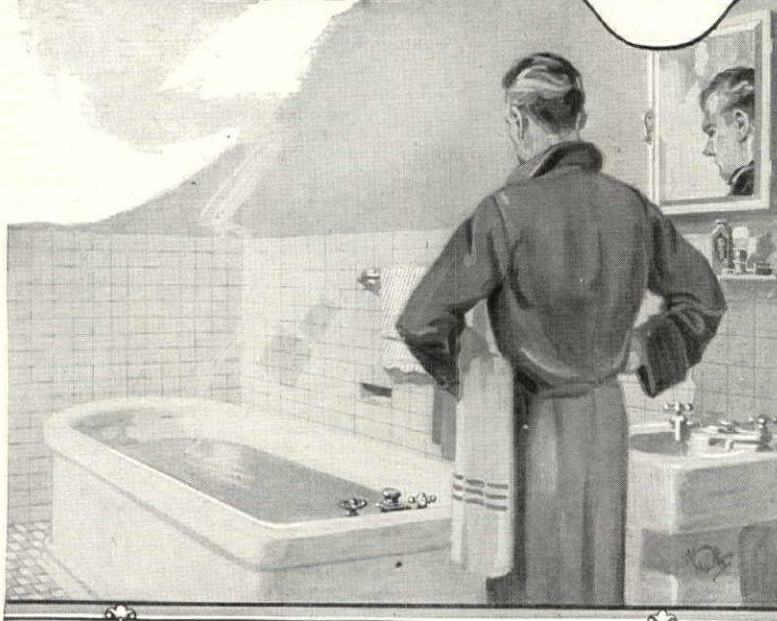
Three species of kniphofia differ from the others in having distinct stems. They are *K. caulescens*, *K. foliosa*, and *K. Northia*. These must have protection during winter, but north of Philadelphia they all must be taken up and wintered over in a box of sand in the cellar or pit, treating them the same as one does dahlia tubers. *K. caulescens* has glaucous foliage and 4 scapes, carrying 6" heads of salmon-red flowers. *K. Northia* has unusually broad, glaucous green leaves, and is a very distinct plant; the pale yellow flowers are borne in foot-long heads. These species are increased by means of suckers, which are best removed in autumn and planted in sandy soil in a cold frame. Other kinds may be increased by division, but large, well-established specimens should be the aim of all cultivation. Spring, when the days and the soil are warm, is the ideal time for planting.

AN OLD FASHIONED PLANT

Many flower-lovers find complete satisfaction in *K. aloides*, the popular old garden plant, and there is much to be said in its favor; indeed, it is the ancestor of a very large number of our hybrids and garden varieties. Of the forms of *K. aloides*, nothing is finer than *nobilis*, a truly noble plant, with robust, graceful foliage, above which the stout scapes rise to a height of from 5' to 8', carrying bold heads of scarlet, orange-tinted flowers, in August and September. The somewhat short-stemmed variety, *præcox*, flowers in May, and the variety *serotina* "carries on" when practically all the other torch lilies are over; *maxima* has fine heads of glowing scarlet flowers, and *glaucescens* has heads of vermilion-scarlet, yellow-throated flowers, and rather erect glaucous foliage.

Although the lower flowers of *K. Burchelli* are yellow, the majority are bright red. The flower heads of this species are not so dense as those of many others; moreover, the plant is more suited to dry positions than are most torch lilies. *K. Leichtlinii*, red and yellow, is rather tender. *K. Tys-*

(Continued on page 128)



ANACONDA

GUARANTEED
BRASS PIPE

Individualism- in Good Furniture



SO intimate a matter is the appointment of a room that only furniture which completely expresses your own personal taste is worth considering.

A few pieces of Elgin A. Simonds' furniture—carefully chosen—will create the precise effect which you are seeking. Period reproductions and the modern designs are found under our trade-mark at any high-grade dealer.

Suggestions on interior decoration will be sent to you upon request for our illustrated booklet "H"

ELGIN A. SIMONDS COMPANY
NEW YORK SYRACUSE, N. Y. CHICAGO



Dolly Madison Bedspread *Solid Mahogany Four-Poster,*
72x99 Cotton \$12.50 Silk \$16.50 *Twin Size. No. M. C. \$75*
90x99 " \$15.00 " \$19.50

There is something delightfully old-fashioned about the Dolly Madison Bedspread with its charming crinkle texture, simple design, and soft coloring. Then, too, it always looks its best, for it cannot wrinkle or crease, and is readily washed—it need not be ironed. We offer this Bedspread in plain cream, in cream and blue, and in cream and rose.

An unusually attractive room may be planned by extending the use of the Dolly Madison Cloth to the window curtains, draperies, bureau scarfs, slip covers, etc. for which we shall be pleased to quote prices upon receipt of measurements.

Illustrated Booklet No. 62 sent on request
DEPARTMENT OF INTERIOR DECORATION

McGibbon & Co.
3 West 37th Street - New York
NEAR FIFTH AVENUE

the W. Irving Forge, inc.

The nailheads at the corners are really screws made to reproduce old hand-forged nails. They come with every W. Irving fixture or may be bought separately.



TRADE MARK

hand forged
& Colonial
hardware.

SPEAKING of May makes one think of Spring Building, and somehow or other, our American conception of home is a sturdy Colonial dwelling finished with those delightful old HAND-FORGED iron fittings and fixtures. For this latter purpose, nothing completes the picture like W. Irving Colonial HARDWARE.



*The W. Irving
Electric Wall Sconce
No. 1102*

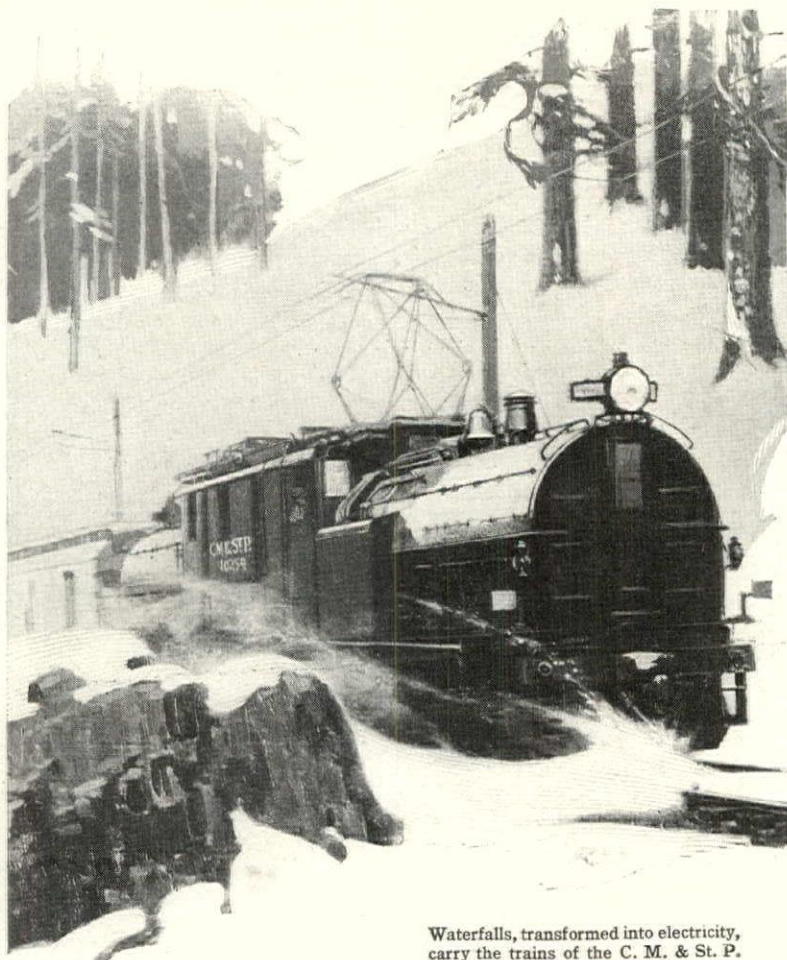
W. Irving



*The W. Irving
Strap Hinge
No. 54*

Lighting Fixtures, Bells, Lanterns, Shoe-scrappers, Toasting Forks, Fireplace Sets.

Write us or visit our shops
326-328 East 38th St. 425 Madison Avenue
Telephone Murray Hill 8536 Telephone Vanderbilt 7602
New York City



Waterfalls, transformed into electricity, carry the trains of the C. M. & St. P. 650 miles over the Rockies.

And you know what coal costs!

Fifty-one G-E electric locomotives are now doing the same work which 130 coal and oil-burning engines used to do on the 650 mile electrified sections of the Chicago, Milwaukee and St. Paul.



Saving coal is important, but saving human energy is much more important. General Electric Company designs and produces the equipment by which electricity does both.

Engineers estimate that the complete electrification of our railroads would save over 100 million tons of coal a year.

GENERAL ELECTRIC

Red Hot Pokers

(Continued from page 126)

onii is a handsome subject, with a yucca-like appearance; its flowers, soft orange, scarlet, and yellow, have a splendid appearance carried well above the broad grey leaves. *K. Tuckii* is somewhat like the last named in its foliage, but it is June flowering, and has rich red flowers that pale to yellow with age. *K. Macowanii* is a charming plant of dwarf habit and excellent for certain positions in a rock garden; it is rarely more than 2' high, and though the flower heads are in no sense massive, they are produced more or less continuously during August and September; the tips of the coral-red flowers are slightly reflexed.

There are many other species, and each one has a special charm or interest; but it is quite possible to have a glorious autumn display of torch lilies by the use of only garden-raised sorts. Raisers here have been busy during recent years, notably those in England and on the Continent.

These varieties vary greatly in height,

density, and color. A few of the best of these include *Lord Roberts*, very robust, and having massive heads of rich scarlet flowers; *Lachesis*, apricot yellow, 5½'; *Goldelse*, citron-yellow slender spikes, blooms all through the summer and autumn; *Torchlight*, flame color, 3'; *corallina*, coral-red, 3'; *Oplisique*, orange-yellow, 4½'; *Ophioglossum*, golden yellow, 4½'; *John Benary* and *John Waterer* are among the finest. The *K. aloides* type; *Star of Baden*, pale yellow, will produce spikes as much as 7' high; *Leda*, orange-red and early flowering, is about 4' high while *Matador* is a bold and robust red-flowered variety.

No doubt the abundance of available species and varieties will astonish those who have not noticed the progress made with torch lilies, but there are many more than those enumerated, and therefore sufficient for anyone who cares to make a kniphofia garden, who may be tempted to make a hobby of torch lilies.

THE COLORFUL ANNUAL

ANNUALS have gained a new significance in the garden of to-day. They are no longer merely the experimental element in the garden. While they are still the fillers of bare spots, while they still devise new color effects in minor details for a change in the garden each year, while they can still give the garden new interests without disturbing its old perennial vigor, annuals have assumed a new importance. Their luxuriance of bloom, their lavish coloring, their long periods of flowering, their constant effects make them very valuable for the summer and autumn garden, and as important for it as the more permanent perennials. In fact, a summer garden can be planted entirely with annuals for, while the bloom of perennials comes and goes with the ebb and flow of the weeks, annuals joyously flood the garden with a bloom that lasts throughout the summer months. Annuals, too, rescue the spring bulb garden from oblivion for they can be planted right over the hibernating bulbs.

Annuals are accommodating, to say the least. With an early start they will be in bloom early in July or, if you'd rather, they will not bloom until August for you. If by chance you decide to spend August in the mountains you can cut down your annuals to approximately 6" and by the time you get back they will be in bloom again. Annuals will even continue in bloom pretty nearly all through the season if care is taken to snip off the dead blooms.

The idea that a few packets of seed will make a garden is a charming bubble that generally bursts before it is half blown. I should say that it only happened in our grandmother's day when she personally did all the work in her garden. Times change and despite the charm of the old-fashioned garden medley we are interested in other effects that are not always so easily attained.

It is, then, a good deal easier and surer to start seeds outside the garden in a place set apart for them and then when they are ready, to transplant them into the garden in the same way that we transplant perennials.

Sometimes, to be sure, this is not possible. Some annuals, like poppies and California poppies, lavertera and sweet alyssum and candytuft and ragged sail-or do not bear transplanting and must be sprinkled on the ground thinly where they are to grow. Sometimes, too, there

are no facilities for growing annuals outside the garden. I have that problem myself and must choose such annuals that are easy to raise right in the garden border. Last year we made an early sowing of annual larkspurs, sprinkled very freely in long drifts through the border for a July effect, and we made a little later sowing of zinnias and marigolds in scattered groups for late effects.

The general run of annuals can be easily started in a cold frame, sometimes a hot bed is of value, a great many can be started in the open ground. Some gardeners like to start everything in the greenhouse and for early effects, especially, greenhouses started plants are very welcome. There are, of course, certain tender plants such as snapdragons and pentstemon, ageratum and heliotrope, verbena and lobelia and salvia farinacea, that have to be started in a greenhouse. If you haven't a greenhouse your florist will often start such plants for you if you haven't them in stock.

I like to see annuals in the cutting garden each planted in its own row. I like to see annuals in the vegetable garden. The very finest vegetable garden I know looks like a wonderful flower field for there is a row of flowers between every two of vegetables. As I think of it, now, I wonder if that is the perfect proportion between usefulness and beauty.

I like to use annuals as bedding plants but I hope I wear my rue with difference. The old system of bedding out plants, wholly out of keeping with the herbaceous planting of our modern gardens, is rapidly becoming obsolete but in its place a new type is being created with a new and fresh value.

The new bedding has none of the rigidity of the old one, it is more flexible. It is no longer laid out by rule in fixed lines and geometrical grotesques but in its new freedom it has acquired the spontaneity of the herbaceous border. As for its color, the old-time gaudiness is giving place to colors that are delicate adjustment with the rest of the garden. This has been made possible by the freer selection of the flowers that are to be used as bedders.

The uniformity of the bedding effect has its advantages. There is a fulness of bloom, a neatness, an all-over patterned effect. Our new bedding

(Continued on page 130)



The Promise of Happy Days

SOME day in June, when happy hours abound, a wonderful girl and a wonderful boy will leave their friends in a shower of rice—and start to roam.

Then life will surely slip its tether and youth will be full of the promise of happy days to come.

Give them a Jordan Blue Boy, the bright sky overhead, the green turf flying by—and just beyond the hill a thousand miles of open road—then a quiet inn for dinner.

There is a pride of ownership in the Jordan that reveals a love for things that really count. It's like old money—old treasures—good taste without display, and judgment that is rare.

JORDAN

JORDAN MOTOR CAR COMPANY, Inc., Cleveland, Ohio

THE SHRINE OF CLEANLINESS



LITTLE worshipers at the shrine of cleanliness, performing their devotions with soap and brush and towel . . . learning unconsciously, as Youth always learns best, the lesson that will serve them all their lives. . . .

What better school can they attend than the modern bathroom? And what stronger urge can one have to make the bathroom the finest room in the house?

To have such a bathroom, fitted with Kohler Ware, is to realize a deep-seated ideal of what is due to self and family. No fixtures more completely express the present-day standard of worth and beauty in bathroom equipment.

In every city there are good plumbing dealers who have known Kohler quality for years. Let them show you how a moderate investment will transform your old bathroom into the bathroom you have pictured—or how a surprisingly small space will suffice for the *extra* bathroom you have long desired.

Look for the name "KOHLER," inconspicuously fused into the enamel of every Kohler fixture. It is your guaranty of genuineness and of these distinctive Kohler qualities—(1) the beautiful snowy whiteness of the enamel (2) the *uniformity* of that whiteness in every Kohler fixture . . . May we send you our booklet of Kohler Ware for bathroom, kitchen and laundry?

KOHLER OF KOHLER

Kohler Co., *Founded 1873*, Kohler, Wisconsin - *Shipping Point*, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES

MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.

Irish Hand Woven Linen Damask

LINEN WITH A SIGNATURE

LF Cellini made a vase, it bore his mark; Rembrandt's paintings carry his signature. Instinctively we look for the Sterling symbol on silver, the carat stamp on gold, the watermark on handmade paper. Look also for the Fleur-de-Lis emblem and the legend **IRISH HAND WOVEN LINEN DAMASK** in the margin of the tablecloths and napkins you purchase, because the linen handcraftsmen of Ireland today "sign" their masterpieces, too, as a proof of their genuineness and supreme excellence and as a testimonial of their pride in having perpetuated an industry that had as its first patron Egypt's first Pharaoh 3600 years ago.

Sold at the better stores in the larger cities of the United States and Canada.

IRELAND BROS.

INCORPORATED
MAKERS OF THE FLEUR-DE-LIS LINENS

BELFAST NEW YORK LONDON
102 Franklin Street

A Book of Designs, containing full information regarding sizes, if not obtainable in your locality, may be had upon request.

For finer use also are *Fleur-de-Lis Linen Towels, Linen Sheets & Pillow Cases.*



© 18.

Design for Ireland Bros. by Julien Elfenbein

BEAUTY · DISTINCTION · LONG LIFE

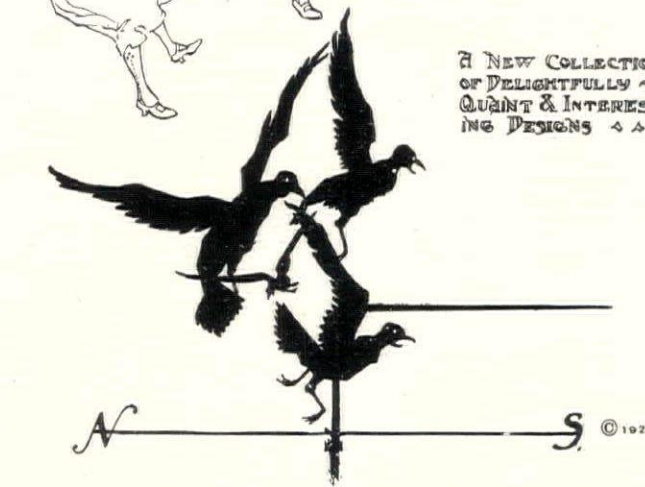


ONE feels such a real satisfaction in owning Reedcraft—like owning a good motor car or a beautiful home—Reedcraft has such beautiful lines, gives such lasting comfort, so much real enjoyment through the years. Reedcraft is woven—there are no tacked-on braids, no "loose ends." Usually where good furniture is sold.

THE REEDCRAFT COMPANY
LOS ANGELES
827 West Seventh

REEDCRAFT

WEATHERVANE'S BY TODHUNTER



A NEW COLLECTION
OF DELIGHTFULLY ~
QUANT & INTEREST-
ING DESIGNS ~ ~ ~

No. 6216 "Seagulls" Rustless silhouette with feather bearing \$47.00

There is nothing which will add a more pleasing touch of individuality to the country house at small expense.

HAND FORGED DISTINCTIVE METALWORK

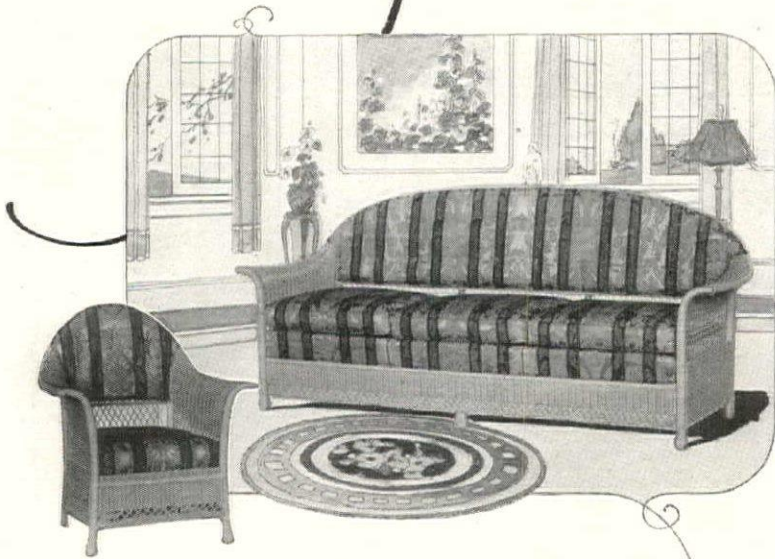
LANTERNS · FOOT SCRAPERS · LIGHTING FIXTURES · SUNDIALS
REPRODUCTIONS OF OLD ENGLISH & COLONIAL HARDWARE

Illustrations upon request

ARTHUR TODHUNTER: 414 MADISON AVE. NEW YORK

Northfield

BED DAVENPORTS



A Happy Choice of Furniture

Comfort? All that you wish. Softly resilient cushions. Comfortably upholstered backs. Coverings of your own choice, of bright cretonne or damask or perhaps tapestry or velour. With pillows in contrasting colors placed just right for relaxation. Doesn't that mean comfort?

Add to this comfort the great convenience of a full size bed absolutely concealed beneath the davenport seat, and easily opened, and you have another bedroom ready always for over-night guests or family emergencies. This is a happy choice of sun parlor or living room furniture.

Northfield designs are all wonderfully attractive. Some dealer near you has them in overstuffed cane-back period and fibre patterns. And you may feel assured that each design is in good style, tastefully covered. Northfield designs are all the authoritative work of master designers, carefully carried out.

To be sure you are getting a Northfield, ask to see the Northfield trade mark.



"The Davenport With a Secret" is a booklet describing and illustrating many Northfield suites. May we send you a copy, together with the name of a Northfield dealer near you?

THE NORTHFIELD COMPANY

Makers of Good Furniture
SHEBOYGAN, WISCONSIN
18th Street at Martin Avenue

The Colorful Annuals

(Continued from page 128)

like the old type but with a difference, with a nicer rhythm of line, a subtler feeling for color, a finer appreciation in the selection of the flowers. The old bedding plant was used in a mass of one solid color, the new is more apt to be several shades intermingled into a scintillating effect. And even where the solid color is used, it seems different because scattered plants giving a different effect from those laid out by rule and measure are in nice association with mixed herbaceous borders.

BEDDING PLANTS

The older form of bedding-out plant was really the tender plant that was put out-of-doors for the summer, such plants as geranium and salvia, cannas and begonias. I have always had a particular dislike for these plants in the garden yet the longer I work with plants the more true I find that it is not an aversion for the plant itself but for the improper use to which it is put. However, it is not of these plants that I think when I speak of bedders. I am thinking of such plants as snapdragons and stocks, heliotrope and verbenas, ageratum and lobelias and petunias.

I am especially fond of verbenas for bedding effects. Their trailing habit makes them especially useful for covering over beds of bulbs. I have used them that way over daffodil beds, lavender and purple and white verbenas all intermingled in a broad band, some 6' wide, where the daffodils had been. Through surrounding beds there are heliotropes sprinkled ever so lightly with a foreground of violas and pachysandra and a background of laurels and here and there a buddleia is planted to continue the soft toned scheme. This combination of lavender and purple and white—with the predominance of lavender of what the catalogues call blue shades—has been a great favorite with me until I tried a freer combination last year in another garden adding shell pink and stronger pink to the scheme. The verbenas filled the centre beds of the garden, with yellow polyantha roses spotted here and there through the beds and along the edges intermingled pinks and forget-me-nots.

Lobelias make very good bedders and their intense blue is valuable for some uses. I like ageratum as a bedder. I like the tall variety best, it is a freer bloomer and has a freer habit than the smaller growing compact flowered variety. Precise people do not like this taller variety because it seems a bit frousy to them. Its very unkemptness is part of its charm to me. The dwarf variety seems a bit too stiff.

Verbenas and ageratum and lobelias adapt themselves to other uses. I like to plant verbenas here and there along the edge of an herbaceous border intermingled with other plants of a like trailing habit, plants like forget-me-nots and funica saxifraga and the early creeping veronicas. I have used lobelias interplanted with white pinks with interesting effects. Ageratum I like best with nepeta mussini and veronica in-cana and other gray toned edgings.

Petunias make excellent bedders. I think the reason they are so effective in solid masses is because their silky translucent texture seems to catch the light and reflect it. There are some deep violet petunias in a porch box near my home that in the late afternoon when the light shines horizontally through them are the most charming deep wine color. There is a beautiful purple one now on the market—a real purple without any of the reddish glow—and a dwarf variety of the same called vio-

lacea compacta which ought to promise interesting edging effects. I have seen white petunias in a solid bed around a pool in a half shady garden that were the very epitome of delicacy. I am waiting for the right place and the right client to make a garden of mixed petunias as I saw them once in a flower painting. The colors were all lusciously rich and kind of mellow, the effect tantalizingly chic. I know I shall have to wait until I can plan a very small ultra formal garden for a client of ultra modern ideas.

I like the association of annuals and perennials in a garden and it is in this use that most of us will make the best use of them. Creamy-yellow snapdragons with purple veronicas, orange marigolds with helenium River-ton Gem, steel blue salvias against red dahlias, carmine zinnias with New England asters, French marigolds with chrysanthemums of the same bronzy tone are only a mere suggestion of the color possibilities of annual and perennial association. The combination of annual phlox with perennial ought to be full of colorful possibilities, of annual larkspur with delphinium belladonna full of much delicacy, of annual asters with perennial asters full of charming softness. I like pink snapdragons and pink anemones and pink gladiolus together and you can emphasize the charm of the flower forms by delicately intermingling them. I like, on the other hand, calendulas and marigolds and sunflower Stella with all the hardier rayed flowers of the late summer and the autumn, with heleniums and sunflowers and boltonias and like to plant them in heavy bands and drifts and masses to accentuate their sturdiness.

FLOWER PICTURES

The more you work with flowers in the garden the less you will plant them for their own sakes alone but for the effects you can attain with them. Take fluffy scabiosa upon weak bending stems, slender spikes of gladiolus primulinus, annual stock-flowered larkspurs with lace-like foliage, salpiglossis with silky texture and exquisite traceries. These are all very delicate flowers and require a gracious interplay—flowers sprinkled lightly through the border and airily intermingled—to bring out the delicacy of their modeling and of their color. On the other hand, zinnias with their sturdier flower habit look well when they are planted in solid blocks and masses, yellow, orange, red zinnias, one color block next the other, can be very effective. And, yet, you cannot lay down any fixed rules about flowers for they adapt themselves so easily to varied circumstance. Even zinnias are surprising in this respect. It is possible to make them look quite delicate by spotting them at several foot intervals amid lower plants. I used yellow zinnias that way once in among a kind of bedding effect of calendulas that were various yellow and cream and mixed tones all intermingled. These were the so-called dwarf single zinnias. I find they adapt themselves best to my uses. The giant double zinnias with their great flowers and strident growth is a bit too valiant for most gardens.

All these effects depend upon one's feeling for plants and their assembling. It presupposes a knowledge of plant forms and habits and color.

Assembling annuals for color effects is fascinating. I often like one-toned effects. I saw a charming effect once with white zinnias, white scabiosa and white annual phlox and the reason for

(Continued on page 132)

Iron Railings discourage picnickers

PROTECT your property. Prevent thoughtless picnickers from despoiling your grounds. Keep out unwelcome trespassers.

Put up a sturdy Anchor Post Electric-Weld Railing.

Anchor Post Electric-Weld Railings combine great strength with appealing artistry. They stand straight and firm for years. Pickets and rails are inseparably welded together by our special process—construction so strong that panels cannot sag and center braces or supports are unnecessary.

Write or phone our nearest office or sales agent for "Fences, Railings and Gates for the Country Estate"—a free illustrated booklet describing our products and their lasting construction.

ANCHOR POST IRON WORKS

52 Church Street	New York, N. Y.
BOSTON, MASS.	HARTFORD, CONN.
79 Milk Street	902 Main Street
CHICAGO, ILL.	MINEOLA, L. I. N. Y.
8 So. Dearborn St.	167 Jericho Turnpike
CINCINNATI, OHIO	PHILADELPHIA, PA.
141 East Fourth St.	Real Estate Trust Bldg.
CLEVELAND, OHIO	PITTSBURGH, PA.
Guardian Building	541 Wood Street
DETROIT, MICH.	ROCHESTER, N. Y.
Penobscot Bldg.	48 Berry Street

Sales Agents in other Cities



ANCHOR POST Railings



Stained with Cabot's Creosote Stains
Dwight J. Baum, Architect, N. Y.

Cabot's Creosote Stains

Preserve and Beautify Siding, Shingles, Boards and All Outside Woodwork

"50% Cheaper Than Paint"

Beautiful Colors—The coloring effects of Cabot's Stains are as beautiful on siding, boards and timbers as they are on shingles. Every piece of wood has a texture and grain that gives it a character of its own, but that character is lost if it is covered with a painty coating. Cabot's Stains bring out the beauty of the grain, and the colors are deep, rich, velvety, and lasting.

Wood Preservation—Cabot's Stains are made of genuine, refined Creosote ("the best wood preservative known"—Century Dictionary) which penetrates and preserves the wood far better than paint.

Low Cost—In this case handsome and lasting colors, wood preservation and low cost go together. Cabot's Stains cost less than half as much as paint and they can be put on twice as quickly, cutting the labor cost—the largest item—by half. Anybody can apply them, so that skilled labor shortage need not stop work.

You can get Cabot's Stains all over the country. Send for stained wood samples: free

SAMUEL CABOT, Inc., Manufacturing Chemists

8 Oliver Street, Boston, Mass.

525 Market Street, San Francisco

24 West Kinzie Street, Chicago

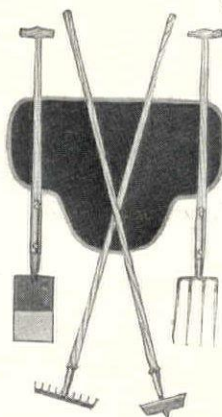
Cabot's Quilt, Waterproof Stucco and Brick Stains, Conservo Wood Preservative, Damp-proofing, Water-proofing

Making it easier to cultivate your garden

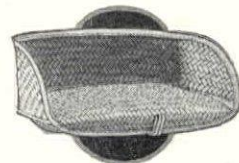
Many a promising Spring garden slumps into a mere tanglewood of weeds and good intentions as the sun grows hot. The secret of making garden joy last all summer lies in selecting such efficient garden tools and accessories as those you find at Lewis & Conger's.

Two suggestions chosen from Lewis & Conger's great profusion of garden tools are illustrated here. One is a set of durable garden tools; so light, so easy to handle, that a feminine gardener can use them comfortably. The other is a convenient mat enabling you to kneel at your work and avoid the kinks that come from stooping.

Wise gardeners are coming to Lewis & Conger's for their tools just as prudent, efficient housekeepers come here for the domestic equipment. If you cannot visit this store at present the coupon will help you shop.



The hoe and spade have sharp cutting edges, the fork and rake have strong teeth. The metal parts are of English steel. The handles of sturdy ash. Order it now for garden work or looking a little ahead, as a unique June wedding gift. \$8.75



A garden kneeling mat made of woven Chinese rush, heavily padded, and protected with a waterproof bottom. \$1.50

LEWIS & CONGER

45th Street and Sixth Avenue
NEW YORK CITY

"Nine floors of household equipment"
Phone Vanderbilt 0571

M
Lewis
&
Conger,
45th Street
& Sixth Ave.,
New York City
Please send by express collect set of tools kneeling mat. Also please mail free copy of booklet "Home Equipment."
Name
Address

The Colorful Annuals

(Continued from page 130)



The luxury and convenience of built-in accessories

WHETHER your home is elaborate or unpretentious, the keynote to real luxury and comfort will be found in the appointments of the bath.

Fairfacts China Accessories are built in the bathroom walls. They will endure as long as the structure itself, without staining or cracking. Their bright, fresh appearance, as the years go on, will be a perennial tribute to your judgment in making sure that genuine Fairfacts China Accessories were installed when you built your home.

Fairfacts Fixtures cover every need of the bath—Soap Dishes, Towel Racks, Paper Holders, Tooth Brush and Tumbler Holders, Shelves and Electric Radiators, etc.

May we send you our booklet, "The Perfect Bathroom"?

THE FAIRFACTS COMPANY, INC.
Manufacturers
Dept. D,
234-236 West 14th Street, New York City

Fairfacts Fixtures

BUILT IN YOUR BATHROOM WALLS



LOOK FOR THIS LABEL

its loveliness was that all three flowers are not pure white but have a creamy tone to them. The white of sweet alyssum is altogether hard in contrast. Mauve scabiosa, mauve larkspur and stocks are very lovely but this soft effect is happier with a bit of purple of larkspur, or a bit of plum or a bit of scabiosa Black Prince or with a little buff of annual phlox or silvery pink of snapdragons.

When a client expresses an aversion for special color effects and desires mixed color I am a little at sea because I am not sure at first whether she has no color sense at all or a very refined sense of color assembling, because the use of all colors intermingled in the garden is a difficult problem. You may combine orange and yellow marigolds, petunias, ageratum, cosmos, phlox, sunflowers, etc.—into just a medley which may be very good indeed or just not bad, or you may combine alyssum and four-o'clocks, mixed petunias and portulaca into quite a fascinating little mess in a tiny garden. Or you may take mixed zinnias and make a charming border of them. In my own little border a packet of zinnia seeds brought forth a really wonderful array of colors one year. We were so interested in them that we compared them with the French color chart, and found that there were amaranth red or dark crimson ones, there were salmon pink and crimson carmine ones, there were some that were tomato red and others that madder carmine. At the time there were bits of violet mauve annual larkspurs in the border, there were lavender candytuft and heliotrope and ageratum and a few reddish old rose snapdragons. They made the most fascinating nosegays and looked all the world as if they had come from a bit of old-world worsted work.

You may assemble blue salvia and ageratum, pink zinnias and silver pink snapdragons, stocks and pink petunias, yellow marigolds and calendulas, poppies and larkspurs and phlox into a really charming old-fashioned effect. This I saw at Old Lyme, Conn., in the most perfect expression of an old-time

garden that I have ever seen. The predominance of the blue of ageratum and salvia with touches of all the other colors is, however, a new and modern idea. Then again you may assemble flesh-colored zinnias and heliocrhrysm that is part cream and part pink, yellow and orange calendulas, blue larkspurs, lemon marigolds and golden salpiglossis; or you may assemble lupins and larkspurs and blue salpiglossis, buff phlox and yellow stock, yellow zinnias, yellow calliopsis, and French marigolds, pink verbenas, rose eschscholtzia, pink and garnet snapdragons until intermingled and blended color will make lovely mosaics.

Some people never want red in a garden. I think it is perhaps because we have been poisoned with an overdose of salvias. It may come partly from a fear of clashing discords. Even red salvias may have a place in a garden, possibly with certain red phloxes and red dahlias, possibly with certain purple flowers or steel blue ones. But there are other red flowers that are very charming and harmonize with other colors—flowers like crimson cosmos, annual sweet William, coreopsis astrosanguinea, maroon snapdragons and maroon pentstemo, scarlet zinnias, heliocrhrysm fireball, nemesia and phlox, stock and salpiglossis in red shades. All these can be used intermingled with other colors in very delicate effects or they can be assembled with more abandon.

We ought not to limit the use of color in our gardens. We are in a new era of color discovery. We ought to be conscious of it in our gardens, just as we feel it in our painting. And if the association of music and color is to be of any real value at all it will be in the refinement of our feeling for color rhythm and color assembling and color harmonies and color contrasts. Exultant discords are as healthy in a garden as in modern music, or for that matter in modern painting. It is a long way from the symphonies of Whistler to a Bakst setting for the Russian Ballet but the color harmonies of the one and the color abandon of the other are both permissible, advisable for the garden

Hoarding and Using

(Continued from page 56)

Some of the greatest artists of the Renaissance were decorators who devoted much of their talent to applied art. Today the majority of the best artists feel a certain contempt for the applied arts and devote themselves to the production of museum specimens which have no particular relation to the common life of ordinary man.

Moreover, the excessive interest in the past which belongs to them, as well as to the rest of their generation, coupled with the enormous accumulation in museums and collections of miscellaneous specimens of ancient art, inevitably produces a certain restlessness and distraction in the artists of the present time. So many artistic conventions offer themselves ready-made that it seems hardly worth while to evolve a convention of one's own or

to exploit the possibilities, slowly, patiently, steadily, of a single tradition.

The trouble with artists nowadays is simply that they know too much about art, live too much in the museum and not enough in the experimental studio.

While our civilization remains what it is this last evil result of the hoarding habit will, doubtless, always make itself felt: we shall always suffer, in the arts, from a distracting eclecticism. Our unprecedented organization for the perpetuation and spread of knowledge makes it inevitable. But the violence of the disease can be lessened if only the consumer will get rid of his hoarding habit, will make use of his fine and beautiful possessions, and demand from the contemporary artist new ones, as fine and beautiful, when the old are worn out.



The Biggest Household Improvement *since* Electricity



A Machine That Makes Hard Water—Soft

No longer is it necessary to use powders, special soap or tainted rain water to overcome the everpresent annoyance of hard water in your home—for no matter how hard your present supply, a Permutit water softener will turn it softer than rain.

No chemicals, no extra pumps or motors are used. The softener is simply connected into your pipe line in the basement—your regular water supply flows through it on the way to the faucet, and the wonderful Permutit material removes every grain of hardness, giving you clear, delightful soft water from every faucet in your house.

A few cents per day is all it costs, and the machine will last a lifetime. Thousands are in use.

Send for a free copy of our interesting booklet, "Soft Water In Every Home." Write today.

THE PERMUTIT COMPANY,
440 Fourth Ave., New York.

Agents Everywhere



GRASS CLOTH

is the wild Honeysuckle vine of Japan, woven by the little brown people on their quaint old wooden handlooms, stained with soft colors and made ready for your Home.

The natural sheen of the grass gives the wonderful lights and shadows of a most interesting Wall hanging, never detracting from the beauty of your furnishings, but rather like a background of trees to a beautiful garden, adding new beauty.

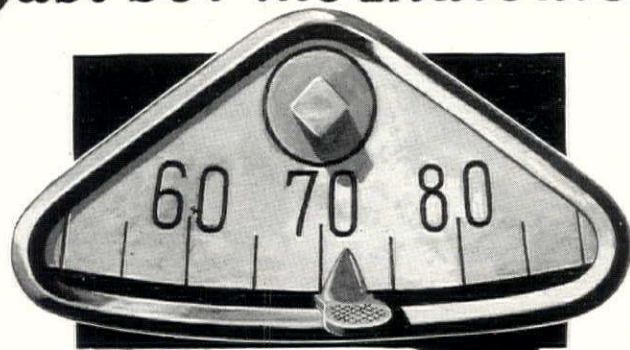
We would like to send you samples

F. C. DAVIDGE
AND COMPANY



LaPorte & LaSalle Aves.,
South Bend, Ind.
28 Wellington St., West
Toronto, Ontario

Just Set the Indicator



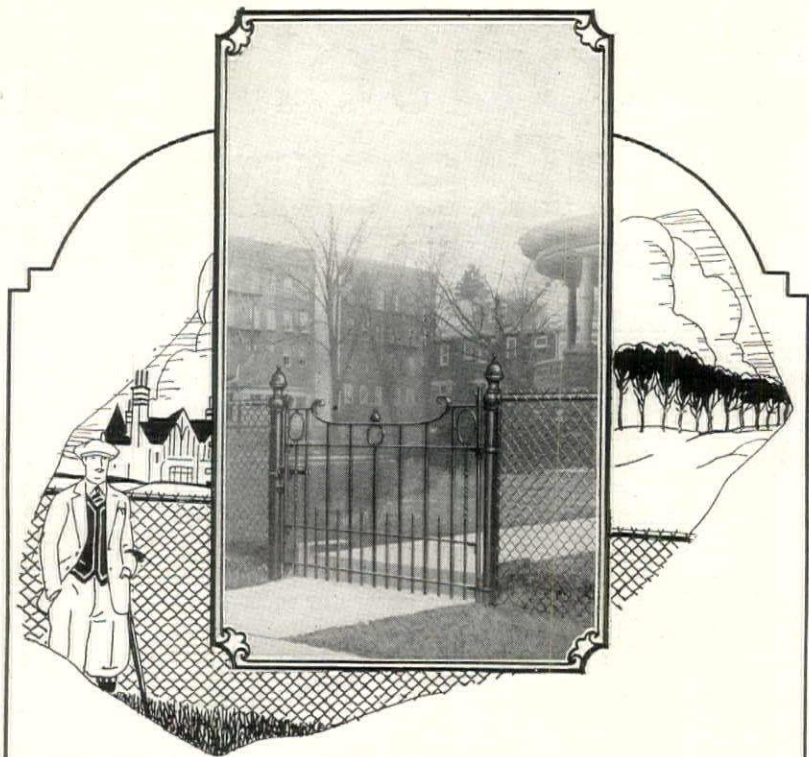
Have Exactly the Temperature You Want

In your new home, install the "Minneapolis". Then just set the indicator for the day and night temperatures you want and forget all about dampers, drafts and valves. No bother—and you'll have exactly the temperature you desire at all times. The "Minneapolis" controls the temperature automatically—changes from day to night temperature and back again without effort on your part. Keeps the house correctly heated, never too warm or too cold. Uniform temperature always. You save fuel—the "Minneapolis" pays for itself. Quickly installed in any home, old or new, on any heating plant. Write for booklet, "The Convenience of Comfort."

MINNEAPOLIS HEAT REGULATOR CO.
2790 Fourth Avenue, So., Minneapolis, Minn.
Service Branches in 29 principal cities.



The "MINNEAPOLIS"
HEAT REGULATOR
"The Heart of the Heating Plant".

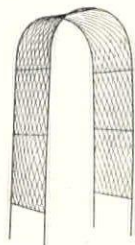


Let FISKE Fence Your Home

AND it will be done right, and stay right for years. A Fiske Chain Link Garden Fence with a Fiske Ornamental Iron Gate is an ideal combination for beauty and dignity, for strength and long life.

Every Fiske fence is rust-proofed the Fiske enduring way. Fiske's more than 60 years' experience and success is your guarantee of more than satisfactory fencing for your home.

Fiske contracts either to do the installation work or furnish you with plans, blue prints and full erecting instructions. Send for catalog 25.



Fiske Archways
—to span four-foot walk; seven feet high; absolutely rust proof.
30" span — \$17.00
18" span — \$15.00



No. 303 — Fiske Garden Table in apple Green; handwrought.
30" diameter—\$27.00
23" diameter—\$22.00

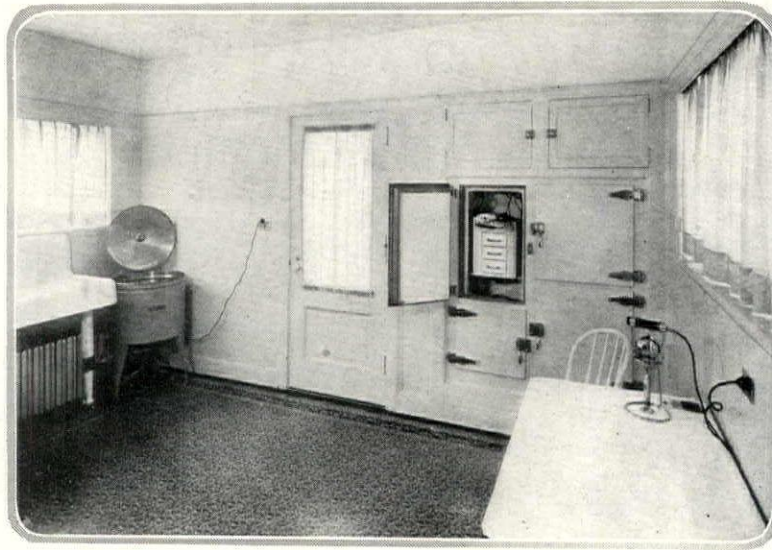


No. 332 — Fiske Garden Chair—matches the garden table in design and color—\$15.00



Fiske Mail Box
—of cast iron in verde antique finish—\$10.00. Of cast bronze with statuary bronze finish—\$23.00

J.W.Fiske IRON WORKS
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858



A new development in linoleum is the rug, to be used for certain portions of the room that get the hardest wear. They come in all sizes and many attractive designs

What You Should Know About Linoleum

(Continued from page 76)

more resiliency and keeps the linoleum in better condition. In particular it acts like a cushion, deadens sound, makes the room warmer in winter and increases the life of the linoleum.

When properly pasted to the felt the linoleum will not expand or contract, as the felt takes up the uncertainties in the warping and contracting of wood and cement floors. In addition linoleum can be removed more easily with less damage to it and the floor if laid over felt. In laying, the linoleum should be stretched on and the cracks cemented together. The materials necessary for laying over felt are paste, waterproof cement, brushes, a linoleum knife and roller and base bricks or sand bags to weigh down the seams and edges. For if the edges do not absolutely meet at the seams, the floor will be a failure. Whenever possible with linoleum and linotile it should be curved up at the edges where the floor intersects with the base of the wall.

Another point to be considered when purchasing linoleum is the temperature. If cold, do not unroll the linoleum for forty-eight hours. Simply cut the string, loosen the roll a little and give it time to get acclimated.

A successful floor covering should be one that is comfortable to walk on, easily kept clean, a fire retardant when possible, and light enough in weight not to need special building construction. In addition to these qualities linoleum is non-splintery, durable, noiseless, odorless and impervious to changes in temperature. Furthermore, linoleum today is made in such pleasing designs and colors as make it suitable to living rooms, playrooms, bedrooms, sunrooms and hallways as well as kitchens. In such plain colors as gray, brown, maroon and deep blue, it makes a good background for rugs and can be made to harmonize with practically any color scheme. In addition it is often waxed, which besides preserving the linoleum gives it a more formal appearance.

Linoleum can be used for other things than floor covering. Owing to its depth and thickness many artists are now using it in place of wood blocks to print from. Special tools are made to cut the design into the linoleum and the peculiar composition of this fabric gives the print the soft finish so much desired.

I see no reason why linoleum should not be used to line large boxes and

closets as it would keep a closet damp proof and in addition would also be fire retardant. For chair seats, table tops and pot stands it cannot be excelled in utility and it would make durable and damp proof boxes for talking machine and player piano records.

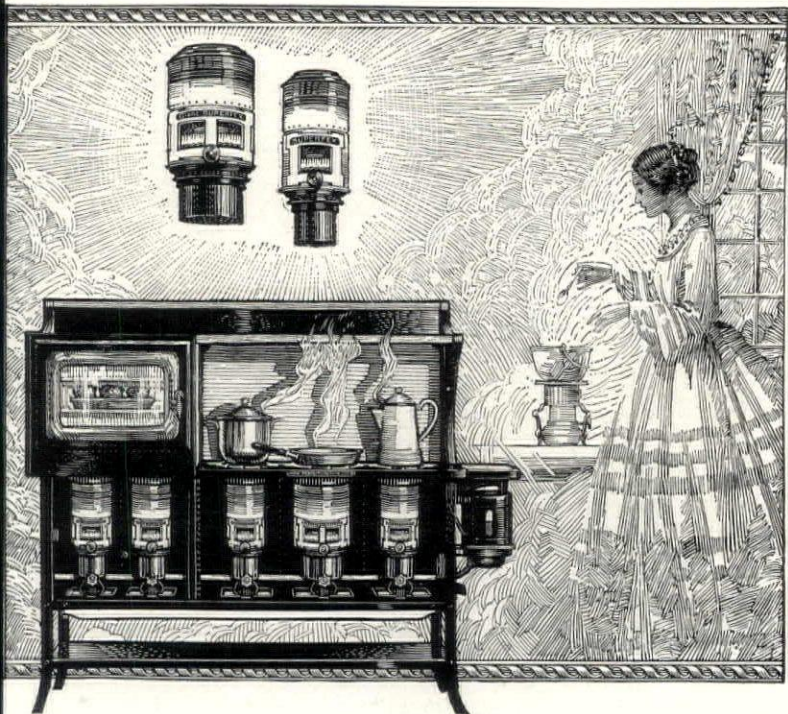
A new development in linoleum is the rug, the small piece of linoleum we finished and decorated, to be used for certain portions of the room that get the hardest wear. These rugs have all the qualities of the stationary linoleum but have the added comfort of being movable.

With proper care even the printed linoleum will last a long while. It is not affected by the usual kitchen drippings or food marks. In washing, it is well to avoid strong soaps and powders and only a small portion of the floor should be washed at a time. Use warm water, a mild soap, rinse thoroughly, dry at once and then go on to the next space. An oil mop will occasionally improve the appearance of linoleum and will help keep it in good condition.

Linotile is second cousin to linoleum and instead of being made in strips is made in sections like a tile. The composition is such as to form a resilient tile which has all the good qualities of linoleum and none of the hardness and coldness of regular tile. This as well as linoleum should be laid carefully and laid so that the joint at the baseboard is curved in order to avoid vermin traps.

In the matter of cleaning, the treatment of linotile is the same as for linoleum. Just as strong soaps and caustic powders hurt the surface of painted wood, linoleum, etc., so they will damage the face of linotile. Make thick suds by dissolving white soap or soap flakes in lukewarm water. As with linoleum, wet only about a quarter yard at a time. Don't flood the floor, scrub hard and loosen the dirt with a brush. Rinse thoroughly and then dry. You can use mops and a mop wringer but hand wrung mops are inadequate and you are apt to have streaks on your floor after using one.

In polishing linotile treat only a section of the floor at a time. Dampen a piece of cheesecloth with a good floor oil and apply the polish evenly. Do not get it too moist for it will then collect dust and dirt. Let it dry from fifteen to thirty minutes and then polish briskly with a clean, soft cloth.



Our Grandmothers Never Dreamed of a Stove Like This

THE antiquated little oil stove of 1850 only emphasizes the supreme satisfaction thousands of busy women already are finding in the NEW PERFECTION Oil Range with SUPERFEX Burners, the marvelous invention of '22.

These burners revise upward all ideas of oil stove cooking speed and set new marks in economy, matching the speed and comfort of gas, rivalling eighty-five-cent gas in cooking cost.

SUPERFEX Burners are mounted only in beautiful ranges of ample size, suitable for year-'round use in the finest town and country homes. They carry many further improvements for 1923, including a removable, easy-to-clean, enameled burner tray. Any stove dealer will make a convincing demonstration.

Range illustrated has built-in heat-retaining oven equipped with soapstones. Price \$120.00. (Slightly higher in the far West, Southwest and Canada.)

Unsurpassed Cooking Speed

This latest NEW PERFECTION range is equipped exclusively with SUPERFEX Burners. One burner on every stove is the big GIANT SUPERFEX. The others are "little Giants" or standard size SUPERFEX Burners.

The standard SUPERFEX equals the cooking speed of the ordinary gas burner and is faster than any other oil burner, except its own big brother the GIANT SUPERFEX. And the big GIANT itself is unsurpassed even by the giant gas burner.

In addition to the new SUPERFEX Models, our long established Blue Chimney Models of the NEW PERFECTION line used in 4,000,000 homes, continue to be the world's most satisfactory oil stoves at their lower range of prices.

THE CLEVELAND METAL PRODUCTS CO.
7200 Platt Avenue Cleveland, Ohio

Also Makers of PERFECTION Oil Heaters
Sold in Canada by Perfection Stove Co., Ltd., Sarnia, Ont.

NEW PERFECTION

Oil Range with SUPERFEX Burners



Frigidaire can be installed in your icebox

Food kept in perfect condition, retaining its original flavour and tastiness—a far more sanitary system of home refrigeration—a temperature constantly cold, and what is more important, dry—good riddance to all the muss and nuisance of the ice man—the Frigidaire placed at the most convenient part of the kitchen for you, rather than for the man who delivers the ice—all of these benefits and many others you can have in your home with Frigidaire.

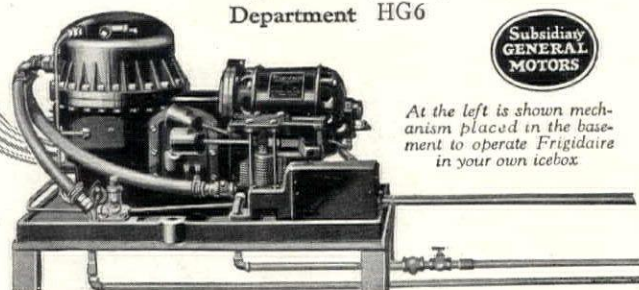
At a very reasonable cost Frigidaire can be installed in your own icebox, if it is a fairly good one.

Frigidaire

THE ELECTRIC REFRIGERATOR for MODERN HOMES

Frigidaire is electrically operated from your own house current and generally costs less to operate than what you would pay for ice. Its mechanism is automatic in operation, exceedingly simple and requires no attention whatever from the householder.

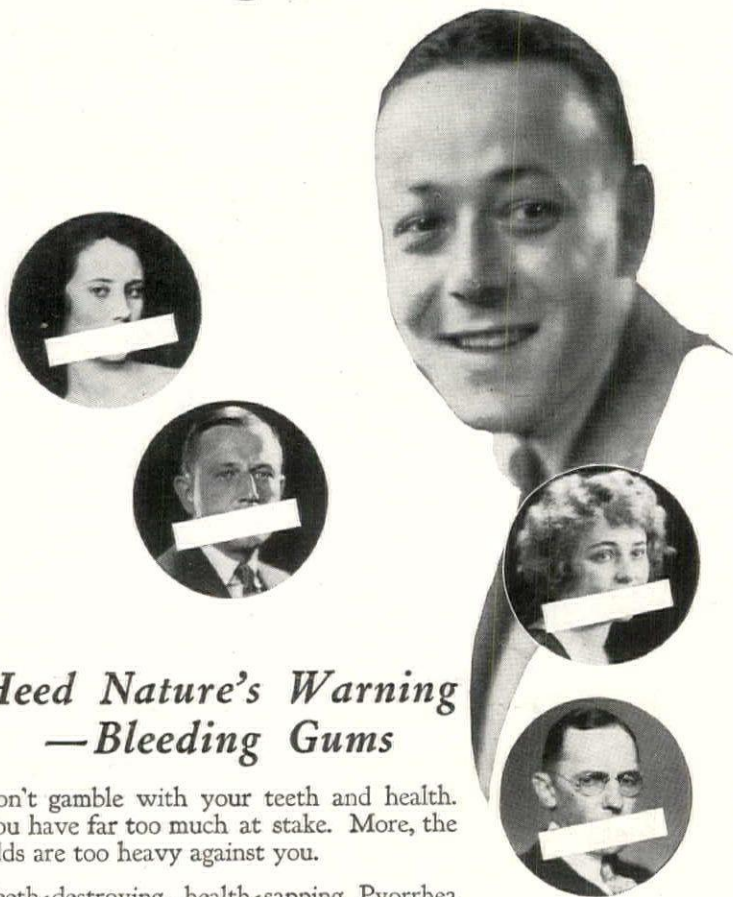
The Delco-Light Co., Dayton, Ohio
Department HG6



Subsidiary
GENERAL
MOTORS

At the left is shown mechanism placed in the basement to operate Frigidaire in your own icebox

The Odds Are 4 to 1 Against You



Heed Nature's Warning —Bleeding Gums

Don't gamble with your teeth and health. You have far too much at stake. More, the odds are too heavy against you.

Teeth-destroying, health-sapping Pyorrhea strikes four persons out of every five that pass the age of forty. And thousands younger, too. The chances are 4 to 1 it will strike you unless you are vigilantly on guard.

Heed Nature's warning when she gives it. Bleeding gums are the danger signal. Act at once. Don't wait. For Pyorrhea works fast. The tender gums recede. The teeth loosen, drop out or are lost through extraction. Pus-pockets form at the roots and often flood the system with infection.

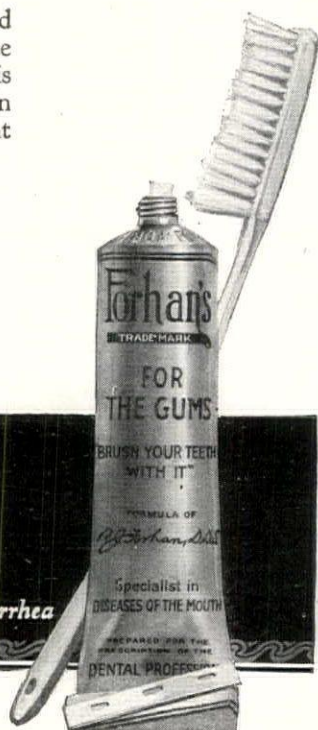
Go immediately to your dentist for teeth and mouth inspection. Brush your teeth, twice daily, with Forhan's For the Gums. This healing, time-tested dentifrice, when used in time and used consistently, will prevent Pyorrhea or check its progress.

Forhan's For the Gums is the formula of R. J. Forhan, D. D. S. It will keep your teeth clean and white, your gums firm and healthy. It is pleasant to the taste. Buy a tube today. At all druggists, 35c and 60c.

Forhan's

FOR THE GUMS

More than a tooth paste — it checks Pyorrhea



Formula of R. J. Forhan, D. D. S.
Forhan Company, New York
Forhan's, Limited, Montreal



A grass terrace, with walks of cracked flag and formal planting corresponds in spirit with the great stone house of which it is a part. Trowbridge & Ackerman, architects

Terraces for Outdoor Living

(Continued from page 53)

terrace, to both its kind and its furnishing.

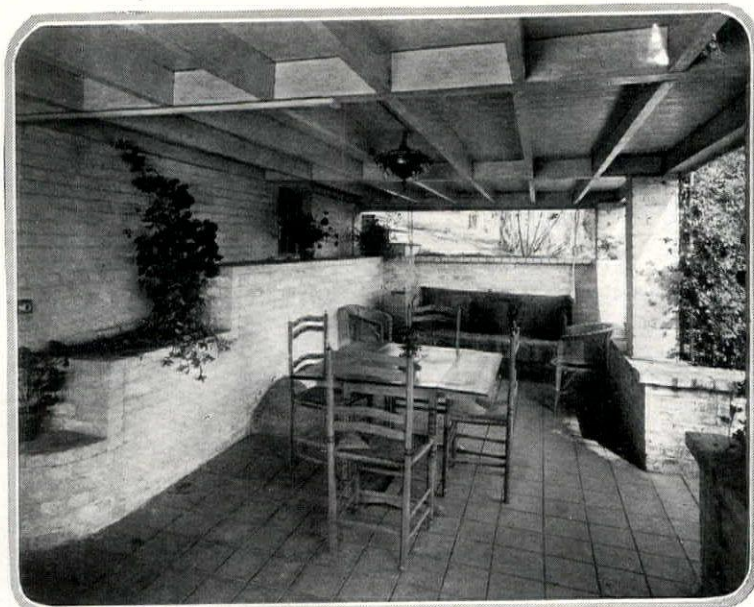
Fortunately a terrace can be sufficiently formal to be a credit, architecturally, without going to the extreme of being furnished with backless marble benches. This kind of marble bench is fine enough for a moment's rest at the end of a garden path, and grandly "architectural" on a terrace—but if there were no other seating furniture, most of us would stay indoors, unless we felt like walking back and forth outdoors, like sentries.

But the terrace is not at all neglected in the matter of appropriate furniture in wood, iron, willow and rattan, English, American and Chinese, with the addition of smart little enameled iron tables, with or without gay Deauville umbrellas. Terrace furniture should be chosen for its comfort and suitability, and so grouped and placed as to give the terrace a distinctly livable appear-

ance without any suspicion of untidiness. Fashions in furniture here assert themselves, because there is such a thing as smart furniture, which looks as though it belonged on the terrace and nowhere else, and nondescript, raffish looking furniture which does not look as though it belonged on the terrace—or anywhere else.

Often the terrace, or a small part of it, is protected from glaring sun or summer showers by awnings, which can add a dashing note of color and spirit of festivity when they are in use and can be rolled back when the sun retreats behind the house, or when the shower ceases.

A terrace need not be large or small; certainly it need not be pretentious. It is a part of the house and a part of the garden, quite regardless of the size of house or garden—and above all it is a practical and charming addition to the real living of life in the country.



Harting

This informal terrace which introduces itself under an overhang of the house is used for an outdoor dining room. It was devised by Richardson Wright, as part of his house at Silvermine, Conn.



A Vista which Invites You to color harmony in floors

The thought which has lately been put upon floors has brought new prominence to Maple, Beech and Birch. Already noted for their wearing qualities, these floorings now bring to the home the happy color of sunlight, the beauty of the ball room floor, or the opportunity of using color stains, rich or subdued, as the spirit of the room may require.

In new homes, Maple, Beech and Birch are the floorings now widely chosen for their natural beauty, and for the way in which Beech and Birch will accept and retain practically any color stain. In exclusive clubs, hotels and apartments, also, they are chosen for "color harmony" and for wear as well.

New Beauty for Older Homes

You may bring "color harmony" to your present home by the use of the economical three-eighths inch MFMA flooring. Due to the tough-fibred, tight-grained character of Maple, Beech or Birch, you may lay this special thin flooring in any room of your house, and have a floor of lasting wear and charm.

Your architect can tell you more about this trio. Ask your lumber dealer for quotations, and the new book, "Color Harmony in Floors." Or write us and we'll send you a copy with our compliments.

MAPLE FLOORING MANUFACTURERS ASSOCIATION
1047 Stock Exchange Building, Chicago

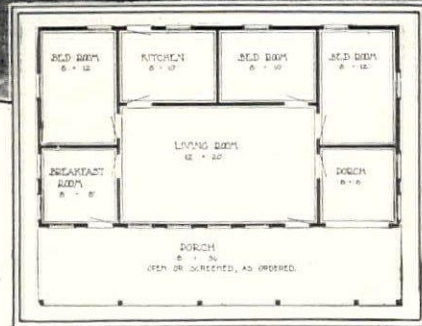
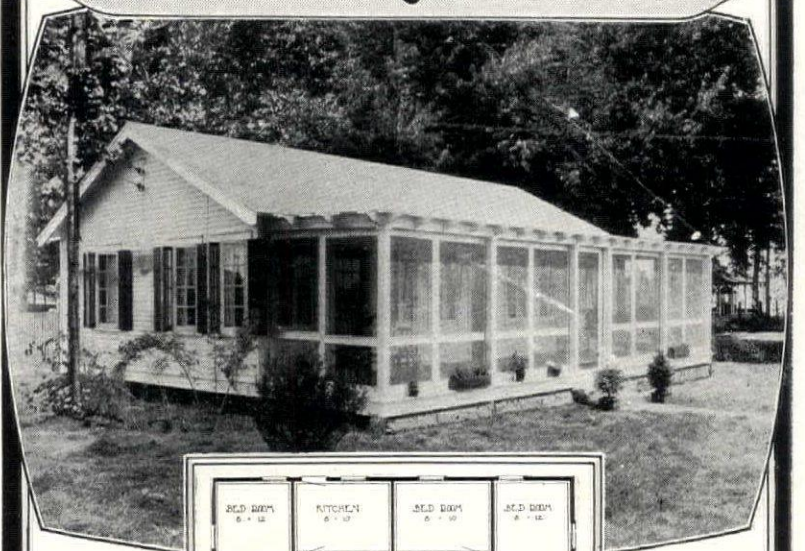
Guaranteed Floorings

The letters **MFMA** on Maple, Beech or Birch flooring signify that the flooring is standardized and guaranteed by the Maple Flooring Manufacturers Association, whose members must attain and maintain the highest standards of manufacture, and adhere to manufacturing and grading rules which economically conserve every particle of these remarkable woods. This trademark is for your protection. Look for it on the flooring you use.

MFMA

Floor with Maple Beech or Birch

Distinction and Quality at Low Cost



TOGAN Summer Cottages

Factory built complete—Togan cottages offer a guaranteed saving of 66% on the construction labor. A big item, when your cottage is to be placed where carpenters are not easily obtained.

Even the most inexperienced can erect your Togan cottage from the blue-print specifications.

TOGAN-STILES, Grand Rapids, Mich.

Bungalows, Summer Cottages, Garages
Catalog on Request

WAREHOUSES

- | | |
|--|--|
| The Lamson Lumber Co.,
New Haven, Conn. | Jamestown Construction Co.,
Jamestown, N. Y. |
| Wallace B. Goodwin Co., Elm-
wood, Conn. | Wicker Lumber Co., Niagara
Falls, N. Y. |
| Kirsch & Racheter, Torrington,
Conn. | Harry P. Ruppert Realty Co.,
Rochester, N. Y. |
| Pope & Cottle Co., (New Eng-
land Display), Revere, Mass. | E. M. Diebold Lumber Co.,
Pittsburgh, Pa. |
| Casper Ranger Lumber Co.,
Holyoke, Mass. | Forrest F. Speck Construction
Co., Inc., Bethlehem, Pa. |
| J. F. Bicknell Lumber Co.,
Worcester, Mass. | Jno. H. Geis Co., Brooklyn,
Baltimore. |
| C. P. Chase & Co., Inc. Spring-
field Mass. | M. Willson Offutt, Jr., Chevy
Chase, Md. |
| Syracuse Radiator Co. Inc.,
Syracuse, N. Y. | Beck Lumber Co., Monroe
Mich. |
| Madden Lumber Co., Schenec-
tady, N. Y. | John Schroeder Lumber Co.,
Milwaukee, Wis. |
| | The Lovett Co., Cleveland,
Ohio |



Togan garages, completed buildings, at a price but little more than the raw lumber. Singles and doubles; several beautiful models. Send for garage catalog.

Steps and Stairways for the Garden

(Continued from page 81)

the retaining wall against which the steps are built. On garden stairways like those shown in the center of page 81 the stepped ramp acts as a guard in place of a railing.

A particularly graceful type of garden stairs is the kind which seems to spill from one level to another in a semi-circular series of steps increasing in size from the top to the bottom. It is especially well suited to a garden in which the steps descend onto a broad central space and from which lower level the steps may be approached from any direction. The same idea can be carried out with the steps made rectangular in plan instead of round. It is also effective to reverse this type of design and build the steps so that they radiate from the lower level to the upper. In fact, when you have once begun to consider the planning of steps for your garden you will find their arrangement to be so flexible that the difficulty will lie in deciding on the most attractive form that is at the same time the most appropriate.

No other phase of garden designing requires as much ingenuity. You are constantly being faced with the problem of having to connect two levels considerably far apart in elevation and with only a limited amount of space in which to build the steps. The temptation is always to make the flight a steep one and finish the job as quickly as possible. Many steps are built that way and the garden is consequently robbed of much of its leisurely charm. It is no simple task to carry a flight of easy steps up a steep slope, but somehow or other it can always be done, and the more impossible it seems at the outset the more interesting the result is apt to be. It can usually be accomplished by breaking the direction of the steps and letting them return upon themselves at right angles to the slope.

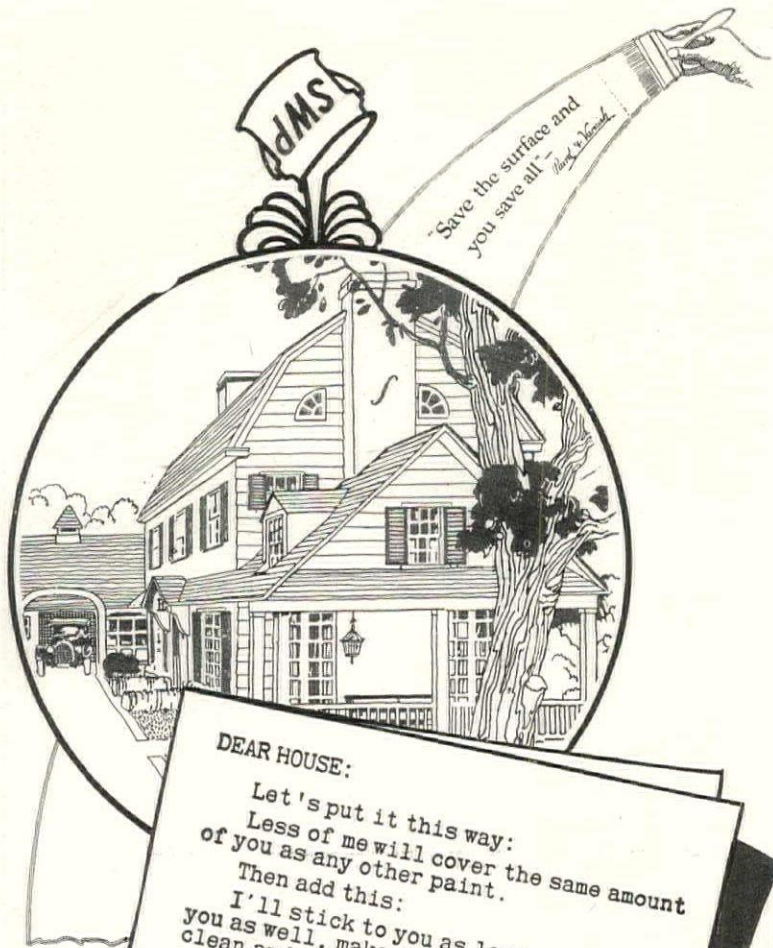
Garden steps may be built of stone, brick or concrete, or of combinations of any two or all of these materials. Where brick and stone are combined it is generally better to use the flat flagstones on all the walking surfaces and copings, and the brick in the walls and in the risers of the steps. This latter scheme has been carried out in the double curving stairway illustrated on page 81. It is a splendid compromise

to make where brick, say, has been used in the house walls and stone has been used in the paving of a terrace or other parts of the garden. Where concrete is used as the principal material of the steps, the treads and other walking surfaces should be paved with stone brick or tile. Otherwise, without the contrasting colors and textures, the aspect of the flight is likely to seem somewhat bleak.

There would be no point to building a graceful and comfortable flight of steps if its construction were to be so faulty that it could not always remain graceful and comfortable. First of all its foundations must be thoroughly substantial. Whether they are of rubble masonry or concrete they should extend below the frost line. In most localities this means carrying them to a depth of 30" below the surface. It is unwise, however, to take any chance in this matter as the action of frost can be very disastrous and may mean the complete rebuilding of the steps. The foundations should furthermore be stepped at the bottom so that they will not slip on the slope and pull the steps out of line.

Where the treads of the steps are of a separate piece from the risers they should be given a slight overhang in order that water may not collect between the two members and force them apart. As has been noted before the tread should be sloped toward the front, so slightly that it will seem to be level yet sufficiently to allow water to drain off.

Exceptions to the rules and suggestions made above occur in informal steps in wild gardens and rock gardens where the methods of construction and design must conform to the irregular character of the situation. The roughest kinds of steps can be made comfortable, however, by keeping the risers comparatively low and by keeping the distances between risers as near similar as possible. The risers may be made of stones, as in the steps shown at the bottom of page 81, or they may consist of split logs or heavy planks held in place by stakes driven into the ground against their exposed face. The spaces between these risers need not be paved but can be filled in with gravel or loam. Sedums and other rock plants should serve here as cement



DEAR HOUSE:

Let's put it this way:
Less of me will cover the same amount
of you as any other paint.
Then add this:
I'll stick to you as long, protect
you as well, make you look as fresh and
clean and pretty as any of them.
As for cost? Well, I cost no more by
the gallon, but a whole lot less by the
square yard; the same the first minute,
but less by the year. If all paint covered
the same amount of surface, protected
to the same degree, and wore the
same length of time, then I suppose I'd
be almost as expensive as other paints.
But as it happens—I'm not.
The reason is this: I am made for
houses, for outdoor use. Like every
other Sherwin-Williams paint, I have
been put together to do just one job and
do that well.
Let's get together.
Yours for a longer life.

S.W.P.

Not only S. W. P. (the name of Sherwin-Williams house paint) but every Sherwin-Williams paint, varnish, stain or enamel is made especially for the surface it is intended to beautify or protect. You name the surface. Your Sherwin-Williams dealer will give you the *right* finish for it.

SHERWIN WILLIAMS

PAINTS AND



VARNISHES

The right finish
for each surface

Send 50c (65c in Canada) for The Home Painting Manual

170 page book with 27 full page color plates

Department B 435, The Sherwin-Williams Co., 651 Canal Rd., N. W., Cleveland, O.

ON HOUSE & GARDEN'S BOOK SHELF

GARDEN WHIMSEYS, by Charlotte

Rider Lomas, The Macmillan Co. That's just the point about being a flower-lover and a gardener—your life is so full of whimsies, you are constantly touching the fringe of a world that has naught to do with bread and butter and stocks and bonds, your feet may be on earth but your head is eternally in the heavens. Every gardener has her whimsey moods. They are strange mixtures of work and dreams, unaccustomed combinations of perspiration and aspiration. Few of us bother to set them down, few, indeed, have a mastery of words adequate to putting them in writing. But the author of this book has the mastery and she manages to make her words present exact reflections of her moods.

These twelve chapters of garden experience have both the practical and the visionary element in them. They are not "bitter" practical, however, for

that was not the intent of the author but they convey the convincing impression that behind the pages lies a vast experience with garden making and flower growing. The author has no prejudices—what gardener has not? Some of us wouldn't agree with her Michaelmas Daises, for example. She doesn't have much luck with them. We do. Every gardener has a right to her flower idiosyncrasies. She is a person and an iris fan. For this we respect her mightily. She evidently can bridge the sad mid-summer gaps in her books. Our respect goes up another point. But most of all we like her book for the human qualities it expresses, for the piquant discoveries, the happy friendships, the pleasant mingling of poetry and plants. We place it on our shelves beside Charles Dudley Warner's "My Summer In A Garden"

(Continued on page 140)



EXCELSIOR

Ornamental Wire Fence and Gates

IMPROVE the appearance of any estate, yard or garden. There are many conditions which these high grade wire products meet adequately. Write us about your requirements and we shall be very glad to furnish you with catalogs and suggestions to meet your problems.

Excelsior Wire Fencing is the result of many years' experience in the manufacture of wire and wire fabric. Constructed of heavy gauge wires drawn especially for the purpose in our own mills. The fabric is hot galvanized after construction, which process gives the long wearing qualities found only in Excelsior Fence.

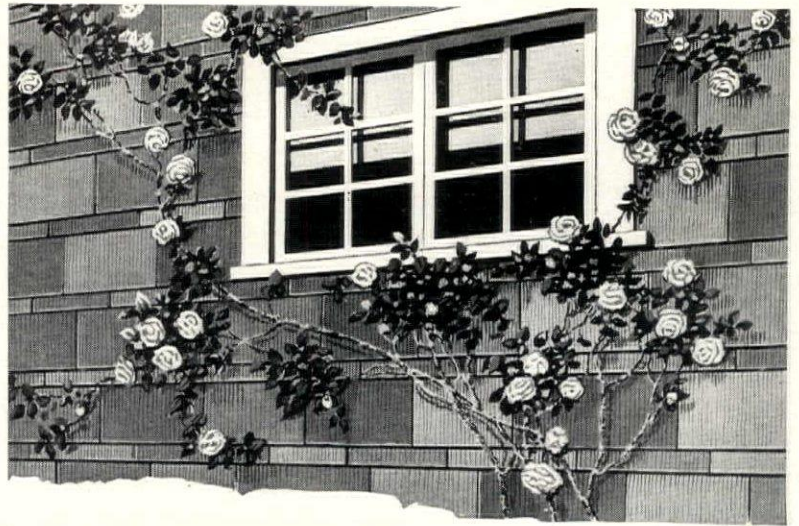
Excelsior Fence is made in both chain link and ornamental (clamp construction) types in several sizes of mesh and in heights up to and including eight feet. We also manufacture flower bed guard, trellis, lawn border and arches in Excelsior clamp construction.

WICKWIRE SPENCER STEEL CORPORATION

41 East 42nd Street, NEW YORK

WORCESTER DETROIT CHICAGO

BUFFALO SAN FRANCISCO



It Welcomes the Caress of Friendly Flowers

To the man or woman who is planning or seeking a **home**, the companionship of growing things—trees and shrubs and flowers is an important consideration.

No other sidewall covering gives itself so naturally, so effectively, to the caress of friendly flowers, to the comradeship of tree and shrub, as Red Cedar Shingles.

Plan to have **your** home an all-shingle home. Give it the "Roof of Ages"—Red Cedar Shingles of a grade and type that insure a 40-year roof when laid properly; give it the "Sidewall of Increasing Beauty"—Red Cedar Shingles made and graded so as to afford a variety of pleasing effects in sidewalls, the charm of which increases with time.

The diamond-shaped trade mark reproduced below identifies for your protection Red Cedar Shingles at their best.

This mark, the guarantee of Rite-Grade Inspected quality and coverage, is the trademark of a group of the leading makers of Red Cedar Shingles in the Pacific Northwest, where the centuries-old Red Cedar trees grow.

Before committing yourself to **any** roofing or wall covering get full information from a reliable source about Rite-Grade Inspected Red Cedar Shingles, guaranteed under bond.

Write **now** enclosing 5c in stamps for "The Rite-Grade Book of Prize All-Shingle Homes," a book invaluable to all who contemplate buying or building homes.

Rite-Grade Shingle Association
470 Henry Building, Seattle, Wash.



On House & Garden's Book Shelf

(Continued from page 138)

Exceptional beauty, and quality in unusual measure, are combined with operating efficiency and an interesting price in this—our newest

BOHN

SYPHON REFRIGERATOR

The immaculate cleanliness of the crystal-white porcelain—inside and out—with the practical advantages of the Bohn Syphon System form an appeal for beauty and utility that will not be overlooked by the discerning housekeeper.

Bohn Refrigerator Co.

Saint Paul, Minnesota

New York Exhibit—5 E. 46th St.

Chicago Exhibit—

Washington St. & Garland Court

Adopted by the Pullman Company and dining car service of all American Railroads.



No. 72—Price \$110, F. O. B. St. Paul

THE ROSE IN AMERICA, by J. Horace McFarland, The Macmillan Company.

It is right and proper that Mr. McFarland should at last give us a book on roses. As a life-long rosarian, as the editor of *The American Rose Annual*, as a public-spirited and immensely energetic citizen who has helped spread the gospel of roses throughout our country, he is peculiarly well equipped to write on this most fascinating of the flowers. Nor will the reader be disappointed, for Mr. McFarland has gathered between the covers of this book an appalling amount of rose lore. Reading it is like sitting down to a Thanksgiving dinner—everything is there, including the "fixin's".

Being a good citizen, as we have said, it was logical that he should begin his book with a statement on the position of the rose in America. This he follows with a consideration of the usual roses and their origins—old friends of every garden lover—and then the unusual roses, with which some of us may not be so well acquainted. Having introduced the various members of the rose family, he settles down to a discussion of the rose plant itself, how to use roses to the best advantage, on roses in parks, on making roses grow and bloom, on the art and mystery of pruning and on protecting roses from insects and diseases. The last three chapters are devoted to wintering roses, rose varieties for the beginner to choose from, and on rose hybridization.

At first it would seem that this is an encyclopaedic effort, but Mr. McFarland has avoided the temptation to which many rose authorities have succumbed in that he has not cast an air of mystery about roses and growing them. He doesn't make it seem either esoteric or too difficult. While there is a vast amount of research and patient experiment evident in his pages, he presents the facts of his efforts in the simplest, understandable form. Consequently the book is one that both the amateur and the rose scholar can use with profit and enjoyment. It deserves ranking with Dean Hole and Pemberton, with George C. Thomas and the other great authoritative rose books of the world, for it presents the practical and scholarly advantages of Pemberton and Thomas and something of the great heart which made Dean Hole's work on roses so beloved of all devotees to the Queen of Flowers.

THE BOOK OF BUILDING AND INTERIOR DECORATING. Edited by Reginald T. Townsend, Doubleday, Page & Company.

All hail to our contemporary, *Country Life in America*, on the publishing of their *Book of Building and Interior Decorating*, edited from material which appeared in the magazine. The collation is by Reginald T. Townsend, and shows in its selection and arrangement a very keen appreciation of what people want. Its variety in text and illustration covers a wide range of things pertaining to building and furnishing, and we hope that there breathes not a man (or woman) "with soul so dead", as to find nothing helpful in it.

When the era in which we are at present living can be seen retrospectively down a perspective of a hundred years or so, there is a singularly interesting point which should be brought out by such writers as concern themselves with the history of taste. By all means they should accord to the magazines of this era, particularly those of

the special nature of "*Country Life*" their full credit for stimulating an ever wider desire for better things, better homes, better furniture.

Month after month and year after year these magazines have patiently selected and published the best contemporary building and furnishing, secured photographs of it and presented it in popular form. A knowledge of periodic furniture, at least a fair familiarity with it, is no longer the sole property of the erudite connoisseur.

Gradually the public has come to demand good design from American manufacturers, and has in every way extended the boundaries of good taste until the well designed and well furnished home is no longer generally unattainable.

From all published material may be gleaned ideas and suggestions for specific problems, even though the term "practical" in this connection should not always be taken too literally. The practical help which can be had from any published material depends very largely upon the individual. People alert and adaptive natures can derive practical help from the merest suggestion, while people of the opposite type of mind will fail to get any practical help even though you give them a series of blue-prints. They still ask: "Is this a window or a door?—and which side should I have the hinges put on?" They cling to a vague hope that there is some magic abracadabra in the printed word which will take the place of individual thought. This type of mind is easy to stimulate, because it still believes in the pot of gold at the rainbow's foot—but difficult to help for the same reason.

The real measure of the practicality of a book is the practicality of its reader. This is by way of interpreting Mr. Townsend's "Foreword", and conveying the thought that in the great adventure of building no one of us who selects, edits and publishes helpful material is vested with the power to dredge up the Red Sea so that all may wade dry-shod, across it. We wish we had our time and spend our time building as comfortable and accommodating rafts as we can.

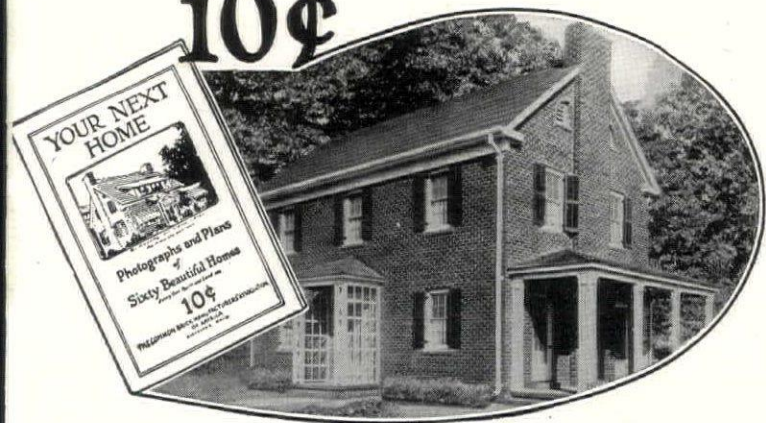
THE BUNGALOW BOOK, by Charles E. White, Jr., The Macmillan Company.

The author of "*Successful Houses and How to Build Them*" has written a practical handbook on bungalows. It is arranged in an excellently practical manner, with a really generous quantity of specific information. Specific information, after all, is what most people want. Matters of taste and style generally find themselves classed, rightly or wrongly, as matters of opinion. Sometimes, far too often, in fact, they are left out of the picture entirely. But whether one kind of roof will lead and another won't is classed, rightly, as a matter of fact.

In the systematic arrangement and presentation of such facts as this, Mr. White has done no small service to a very large group of prospective builders, and has lived up to the expectations we would naturally have of a man who could hit upon such an appealing book title as his previous one: "*Successful Houses and How to Build Them*".

Certainly people who build bungalows, which can, without undue stretching a point, be called houses, want these dwellings to be successful. They also want to know how to insure this happy outcome of the adventure. (Continued on page 142)

10¢



Ideas Here by the Hundreds

How welcome are ideas and suggestions at home-planning time!

Here they are by the hundreds—in this book of 60 fine brick homes. Every one designed by a capable architect—every home has been actually built and lived in.



THE HIAWATHA
is believed to be the finest house of its class ever designed.



THE TUSCOLA
Another of the 60 in "Your Next Home". Unusual charm with simplicity.



THE ARDILA
a type that meets the needs of most home-builders.

These sixty were chosen from thousands for their excellence in every detail. Each shown *in picture and plan* to make the story complete. Some interior views. Rich in ideas and suggestions for

Distinctive Homes of Brick

They're accomplishing wonders with Common Brick. Good old Common Brick, plus architects' skill and the mason's trowel, have created new and distinctive effects—and have decidedly reduced first cost of beautiful brick homes.

"Your Next Home" is rich in ideas and suggestions—the best of two years' collection of pictures of fine homes. It's yours for 10c. Complete working drawings available for every home.

Mail This Coupon TODAY!

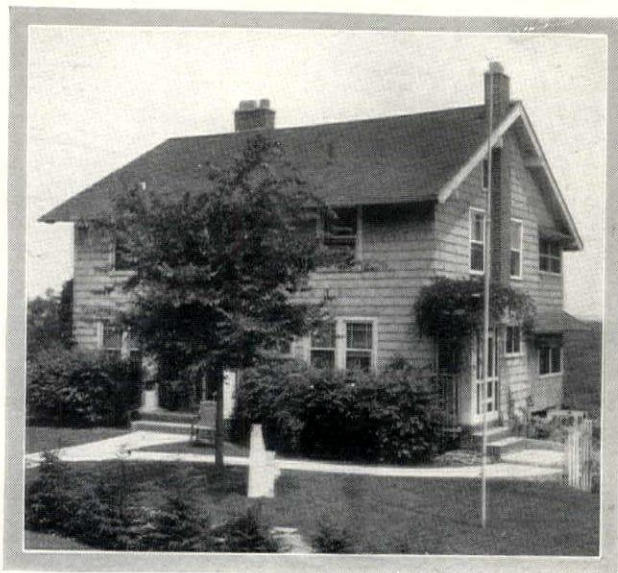
The Common Brick Industry
2128 Cleveland Discount Building
Cleveland, Ohio

Enclosed find 10c for "Your Next Home"—the book showing photographs and designs of 60 selected brick houses.

Name _____
Address _____

The Common Brick Industry of America
2128 Cleveland Discount Building, Cleveland, Ohio.

The Ideal Brick Hollow Wall
Made of standard brick—cuts the cost one-third.



Dr. C. C. Sherwood, Owner
Maumee, Ohio

Langdon & Hohly,
Architects

The Economy of Kelsey Health Heat

If we were to tell you how little coal the Kelsey Warm Air Generator consumed in heating a house of any given size, you would be inclined to think we were making extravagant claims.

But if you are interested, we shall be glad to tell you, not what we claim, but the experience of people who have used the Kelsey for years.

The Kelsey is unique in its system of circulating the hot gases on all four sides of its zig-zag tubes, imparting so much of the heat to the fresh air that passes through them, that very little heat goes up the chimney. It goes where it belongs—into the house. In fact the smoke pipe is so cool that it can be touched with impunity.

Let us tell how little it will cost you for fuel to keep your house cozy, filled with a constant supply of warm, fresh, humidified air, improving your health and decreasing your expense account.

THE KELSEY WARM AIR GENERATOR

(Trade Mark Registered)

237 James St., Syracuse, N. Y.

New York Office
565-K
5th Ave., (Cor. 46th St.)

Boston (9) Office
405-K
P. O. Sq. Bldg.

Canadian Manufacturers
Canada Foundries Forgings, Ltd.,
Brockville, Ont., Canada



Laughing Vivian says:

"The Liquid Veneer Mop is ALL Cotton"

Different from all other mops which are merely a "fringe of yarn around a frame", the World Champion Liquid Veneer Mop is one mass of over 5,000 long, soft, fluffy cotton strands that reach into every crevice and pick up an enormous amount of dust and dirt. There is no metal exposed to scratch your floors. And the

LIQUID VENEER MOP

is so easily washed. Simply pull swab (the cotton part) from frame like a curtain from a rod, wash, pass through a wringer like a handkerchief, dry and replace. No need to throw away the entire mop when swab wears out. Simply buy a new swab at a nominal cost and slip on frame. Your mop is then as good as new.

The handle is quickly adjusted to any position, allowing the mop to be used in all corners and under the lowest pieces of furniture.

Each mop is treated with LIQUID VENEER MOP POLISH, the world famous polish that will instantly transform dirty, dull scratched floors to their original beauty and finish, leaving a high, perfectly dry polish.

Price \$2.00

Other sizes \$1.50 and \$1.00

In Canada \$2.00, \$1.75 and \$1.25

**Buffalo
Specialty Company**
388 Ellicott St., Buffalo, N. Y.

Bridgeburg, Canada
London - England



On House & Garden's Book Shelf

(Continued from page 140)

venture, and Mr. White goes far in the way of helping them. After all, in building a house, or a business or anything else, it is an American ideal to build a success, and an American craving to know "how" to do it. Thus, beneath the roof of the humblest bungalow, as between the covers of Mr. White's book, dwell the elements of great issues. How to do the thing, and how to do it right—those are essentials beside which all else is trivial. A saving of time and money is represented by avoiding mistakes and pitfalls by the way, and Mr. White warns of these, while giving plain, direct advice on right procedure. The Bungalow Book is duly recommended to everyone whose building problem concerns itself with this popular type of dwelling.

THE DECORATION AND RENOVATION OF THE HOME, by Arthur Seymour Jennings, published by Spon & Chamberlain. A house without color is unthinkable. Even when a room is bad architecturally, it can be helped to a great extent by a judicious use of color. And in the same manner furniture ugly in line can be made fairly presentable with a few coats of paint or enamel in some beguiling shade.

The object of this book is first of all to provide color schemes for rooms of all kinds. In this connection there are chapters devoted to the theory of color and its application, tables of colors, what colors combine well together and such interesting subjects as how to decorate a dark room, color and its effect on health and the use of gold in decoration. Colored plates of wall finishes are shown in this section nearly all prepared with the actual material, washable water paint, flat oil paint and flat enamel. All these finishes have been applied to paper which has then been cut up and pasted on the pages, so the reader can see the actual texture as well as the color of the wall finish in question.

But the selection of appropriate and unusual color combinations for a house, although of the utmost importance, is but a small part of the problem of painting and decorating. Two thirds of the book are devoted to the renovation of the house and include such subjects as cleaning and repainting woodwork and furniture, whitewashing and paperhanging, the variety of paint finishes for walls and how to apply them, and the staining and finishing of floors. Practically every problem that confronts anyone planning to thoroughly redecorate an old house is dealt with in detail in this book, even to the method of renovating an old bathtub.

In addition there is a chapter on period furniture with suggestions for color schemes and mural decorations. This chapter is written by Herbert E. Birstead, editor of the "Furniture Record" and contains much valuable information, stated in a clear, concise manner. There are sketches of a William and Mary drawing room, a Chippendale dining room, a Hepplewhite bedroom, an Adam drawing room, and a Georgian drawing room and dining room. These ought to prove helpful to anyone desiring to furnish in any of these periods. In contrast to much that has been written on the subject of decoration, this book does not generalize but gives practical, concise information on all branches of house painting and decoration. Anyone planning to renovate an old house will get much practical information from its pages as well as ideas for

new color combinations for rooms.

WALL PAPER, ITS HISTORY, DESIGN AND USE, by Phyllis Ackerman Ph. D., published by Frederick A. Stokes Company. After a long spell of plain painted or paneled walls in living rooms it is good to have the variety and interest of wall papers again. This does not mean that every room should have papered walls but it does mean that unusual effects can be obtained with the use of wall paper and rooms that in the beginning are merely ordinary can be made really distinctive when some effective and suitable paper is used as a background.

This book is of special interest at this time owing to the revival of interest in all forms of wall coverings. It tells of the historical development of wall paper starting with the earliest manufacture of block-printed papers in Holland through the flock papers of England, the papers imported from China painted in gay designs, to the great period of wall paper manufacture, the 18th and the early part of the 19th Century in France.

One of the most interesting chapters is the one devoted to wall papers for early American interiors. In view of the interest at present in this form of decoration, these papers ought to have a wide appeal. For those seeking a more modern form of decoration there are pages devoted to modernist wall paper. In addition there are suggestions for papers for period rooms—Spanish and Italian interiors, English rooms of the 17th and 18th Centuries and those furnished in the Louis XV and XV manner, for interiors done in the Directoire and Empire styles, and finally suggestions for papers for kitchens.

There is a practical chapter telling of the mechanical processes of the manufacture of wall paper and interesting pages dealing with the problems of design, color and texture.

While there is much in this book that is technical and not likely to interest the average reader, so much genuine information is packed into the pages that it cannot help but appeal to the woman contemplating doing over her house as well as to the person merely interested in wall paper for its own sake.

In addition it is profusely illustrated with the pictures showing many types of paper as well as interiors with papered walls.

FREDERICK LAW OLNSTED, LANDSCAPE ARCHITECT, by Frederick Law Olmsted, Jr., and Theodora Kimball. G. P. Putnam's Sons.

The first volume of the life and work of the elder Olmsted, published in the centennial year (1922) of his birth, sets the background for his professional career, especially the creation of Central Park, to which it is planned to devote the second volume. It shows the man to have been a profound lover of landscapes, with a genius for transmitting their beauties to parks and places where they might be intensely used and enjoyed. He had a singularly sympathetic touch, a retentive memory and a clean-cut method of thought, so that his designs which covered great areas of ground, as well as his plans for smaller schemes, always made a splendid compromise between those two elements of landscape architecture sometimes designated as "art" and "nature."

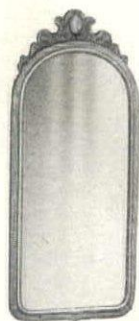
His training was received largely through self study and observation.

(Continued on page 144)

VOSE

In America's Finest Homes The Vose Grand Piano

is in harmony with luxurious surroundings. Its incomparable Tone distinguishes it from all other Pianos, and yet its price is moderate. We challenge comparisons. Write for beautifully illustrated catalog and floor pattern, also easy payment plan.
VOSE & SONS PIANO COMPANY
152 Boylston Street, Boston, Mass.



The Mary Stuart

Console Set

TYPICAL of pieces from our shops is the simple beauty of this English Console Table and Mirror with the fine woods quaintly fashioned after the early vogue. These two pieces will add a touch of pleasing richness to your reception hall, living room or library.

The set may be had in a choice of finishes, either Antique brown Mahogany, Antique Walnut or regular dull rubbed brown Mahogany. Pieces may be purchased separately. In ordering specify finish. Descriptive literature upon request.



Mirror 24 x 12
Table top 34 x 10
Height 30 inches.

Prices
Mirror \$14.50
Table \$14.50
Complete
\$29.00

WRITE for our circulars illustrating the Jane-Randolph, Early American Bedroom suite and our Chelsea three piece Living Room Set.

Good Furniture Shops
INCORPORATED
Jamestown, New York
Dept. A.



A Mantel Candelabra of Unusual Charm

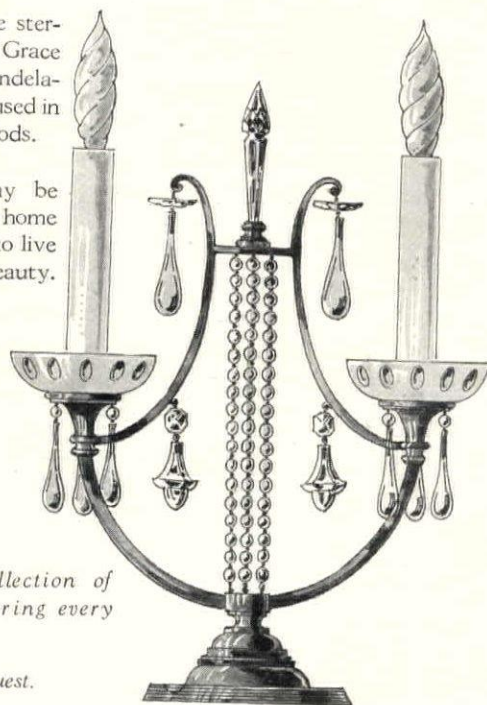
COMBINING the sterling qualities of Grace and Beauty this Candelabra can fittingly be used in rooms of many periods.

Priced, that it may be possessed by every home lover who desires to live with things of real beauty.

Suggested finishes are Mellow French Gold, Bright Silver and Gold, or all Silver; with Lustres of sparkling Crystal.

Visit our Studios where you may view a comprehensive collection of artistic fittings covering every lighting requirement.

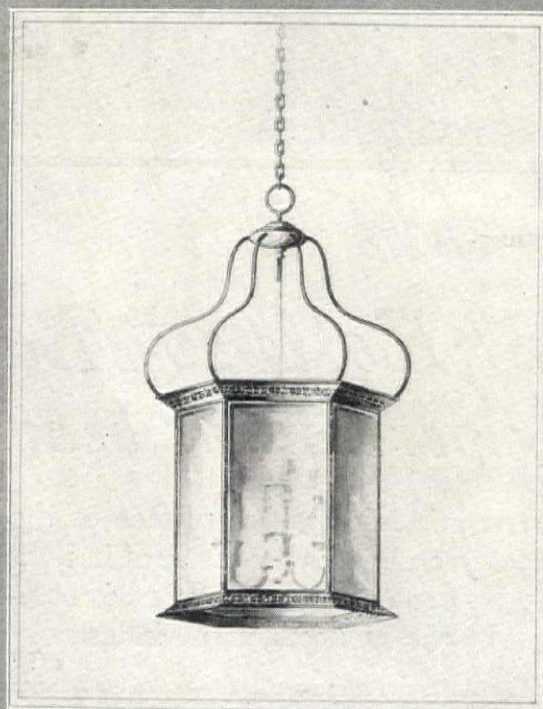
Prices on request.



No. 32863 Overall height 13 1/2 inches

Robert Phillips Company, Inc.
Artisans in all Metals

Office and Studios, 101 Park Avenue, 40th St., New York City



A REPRODUCTION OF AN OLD COLONIAL HALL LANTERN

CASSIDY COMPANY
INCORPORATED

Designers and Manufacturers of Lighting Fixtures
Since 1867

101 PARK AVENUE AT FORTIETH STREET
NEW YORK CITY

MOTT



An "Eclipso" Bath for permanent beauty

The hard glistening white surface of the Mott Enameled Iron Bath is the secret of its permanent beauty. It costs no more to get the best—built by the pioneers of the industry

Send for the MOTT BATHROOM BOOK—Address Department A

THE J. L. MOTT IRON WORKS
GENERAL OFFICES AND PLANT, TRENTON, N. J.
FIFTH AVENUE AND SEVENTEENTH STREET, NEW YORK
And all principal cities

Established 1828

On House & Garden's Book Shelf

(Continued from page 142)

It is only thus that one is able to acquire a feeling for the topography of a site and a knowledge of the forms, colors and habits of the plants with which a site is to be treated. And it is only in this way that one is finally able to lay down drives and paths over an irregular terrain, and create plantations and open spaces, in such a manner that they will fit easily into their situation and be at once beautiful and useful. It was in work of this general character that Olmsted was chiefly occupied, rather than in formal and "architectural" schemes, and the public parks of New York, Brooklyn, Boston, Washington, Buffalo, and other cities stand as examples of his still unequalled skill in this direction.

It was not until 1858, when he was 36, and when he was awarded, with Calvert Vaux, the first prize for their competitive design for Central Park, that he became actually engaged in his professional career. Previous to that time he had traveled extensively through the South and in Europe, even sailed before the mast to China; had engaged in writing and had ventured, rather unfortunately, into the publishing business. Always, in the accounts of his travels abroad, he seems to have been more deeply moved by landscapes than by any other form of art or nature. For instance, among his notes there is this passage inspired by the sight of Eaton Park in England: "Probably there is no object of art that Americans of cultivated taste generally more long to see in Europe than an English park. What artist so noble, has often been my thought, as he who, with far-reaching conception of beauty and designing power, sketches the outline, writes the colours, and directs the shadows of a picture so great that Nature shall be employed upon it for generations, before the work he has arranged for her shall realize his intentions." It typifies his enthusiasm and explains the ultimate choice of his life work.

THE CONSTRUCTION OF THE SMALL HOUSE, by H. Vandervoort Walsh, published by Charles Scribner's Sons.

The futility of mere theories, when conditions and not theories are to be met, is generally apparent, and there are few people so ill-advised as to address themselves to reading Ruskin's "Seven Lamps of Architecture" as a guide to their problems in building a small house in the country. But they are only too likely to turn to books which are far worse for their purpose than the Seven Lamps, because they claim to be practical and helpful and are, for the most part, impractical and misleading.

Few enterprises upon which private citizens embark are more dependent upon the application of fundamental knowledge and sound good sense than the enterprise of building a house—yet the greater number of books purporting to supply these two aids are made up of a great many misstatements of fact, and of much personal opinion disguised as fact. And most books which claim to aid the prospective builder were published before the war, so that their facts and figures are not much more helpful than notes on building conditions in Sweden or Australia.

The two primary factors in building—labor and materials—have changed building conditions since the war even more than is generally realized. Most people know that "it costs more to build now than it used to", but they do not realize just how much more. The first illustration encountered in Mr. Walsh's book are two pictures of

houses, the first a house planned before the war, the second, the very much diminished house which the same estimated cost would build now. The comparison is far more illuminating than figures, because a picture is the shortest distance between an idea and the human mind.

In most popular books there is an appalling amount of sheer nonsense written about planning and building the house, just as there is about interior decoration. In colloquial and strictly non-technical language, there is, in print, an overwhelming lot of bunk on this as well as many related subjects, especially the subject of art.

And the prospective builder, pelted with volley after volley of "do's" and "don'ts," very often conflicting in their advices, knows not where to turn for help or direction. His best source for both, of course, is the architect—but as a rule the people who need the most help are the least likely to go first to the architect with their troubles.

The writer of this review, upon glancing through a copy of H. Vandervoort Walsh's "Construction of the Small House", got a pleasant shock and a unique one. Here, it seemed, was a practical book which was practical. Impossible: we had hoped for something like this too long, and in vain. A page was read, here and there without the discovery of a single line or phrase of bunk. There was no nonsense in the first chapter; there was no bunk in the captions. The illustrations all illustrated definite and vital things. Could there really be a good book of advice to those about to build?

If we had not been disappointed so many times, and read so many biased personal opinions dressed up to look like straight facts, we could more quickly have realized that Mr. Walsh's book is really good—perhaps the first really good book of its kind which has ever been published.

We have since read it through from cover to cover, and found it to be even better than it looked, and it was refreshing to be spared the reading of the usual verbal juggling which is so often used to prove or to feature personal opinions. The best house is the one which is built on facts, not opinions, and Mr. Walsh deals in facts. It is a relief to read a book in which the writer holds no vehement brief for this or that material, but puts the stress where it belongs, on cost and on the quality of the labor which erects or installs the material or equipment.

The truth is not that this or that heating plant, for instance, is better than rather that care, integrity and good workmanship in the installation of one will cause it to work better than the other installed in a careless, slovenly manner. This may go far to lessen the unfortunate weight of absolutely incompetent "advice" gratuitously given to prospective builders by those who have already built. At the risk of seeming ungallant we must record that women are a shade worse than men in this respect. The one who has built feels all the elated superiority of a secret society member initiate toward a neophyte, and speaks with fitting authority: "Oh, my dear—whatever you do, don't get a Whatever Boiler. We got one, and it simply doesn't work at all". Neither lady unfortunately, stops to reflect that the fault may not lie with the boiler, but with faulty installation, or even with the owner's own stupid operation of it. Nor do they reflect that no manufacturer could very well advertise nationally, and operate a large factory

(Continued on page 146)

Globe-Wernicke Apartment Sectional



THE ART MISSION—ARTISTICALLY PLACED ABOUT A WINDOW

Put your scattering books into a Globe-Wernicke Sectional Bookcase. Let glass doors protect them. Buy these bookcases to grow shelf by shelf—to last a lifetime. The period designs and fine woods have both charm and convenience. They show that good taste and education bless your home.

The Apartment Sectional is a graceful three-section bookcase. A popular beginner. Popularly priced—see it almost everywhere!

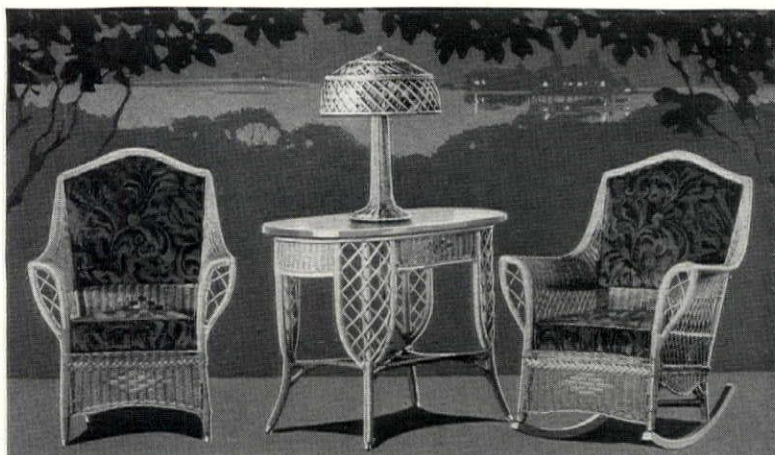
The Globe-Wernicke Co.
CINCINNATI

New York · Washington · Chicago
Boston · Cleveland · St. Louis
Detroit · New Orleans
Philadelphia

LET US HELP—We will gladly send without charge our booklet of Unusual Decorative Effects for Bookcases. Please address: Dept. B3-5 at Cincinnati.



The Heart of the Home



For 20 years the women of this country have exhibited a decided preference for Ypsilanti Furniture. Patterns and finishes for 1923, for both indoors and out, are most beautiful. Any woman who enjoys fine furniture will find delight in looking them over.

The Ypsilanti Line is now on display in the furniture show rooms of leading merchants in every city. We will gladly give the names of merchants near you.

YPSILANTI REED FURNITURE CO., (Dept. C) Ionia, Mich.
Largest Makers of Reed and Fibre Furniture

YPSILANTI Reed and Fibre FURNITURE

"1923—the 100th year of Brambach Quality"



When Homes are Tasteful

THE beautiful design of the Brambach Baby Grand brings that distinguishing atmosphere of quiet restraint to the home or apartment of limited size. It is a grand piano of finest quality, delightful in tone and responsiveness, which fits in the same space, and costs no more than a high-grade upright piano. Sold by leading dealers everywhere.

The coupon will bring you an interesting Brochure and a pattern showing the small space required.

\$635 and up

The BRAMBACH Baby Grand

THE BRAMBACH PIANO CO.
645 West 49th Street, New York City

Makers of Baby Grand Pianos
of Quality Exclusively

BRAMBACH PIANO CO.
Mark P. Campbell, President
645 West 49th St., New York City

Please send me paper pattern showing size of the Brambach Baby Grand.

Name _____
Address _____

Fill in and mail this coupon



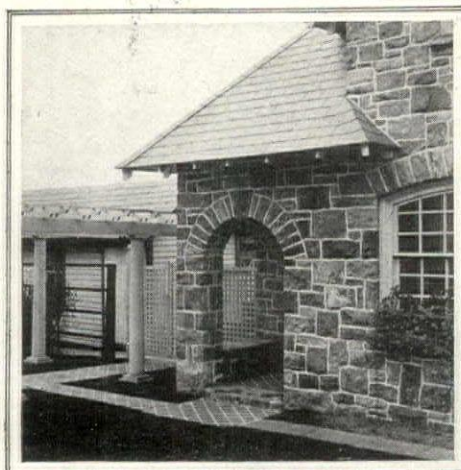
Tobey-made
Furniture

IN Tobey-made furniture, all staining, shel-lacking, varnishing and rubbing is done by hand; no dipping or spraying processes are employed. Hand work is indispensable to the finest furniture, because of the individual treatment necessary to the varying texture of choice woods and the bringing out of their full beauty. Send for Brochure.

The Tobey Furniture Company

Wabash Avenue
CHICAGO

Fifth Avenue
NEW YORK



Fourteen uses for Slate in this Garage

Exterior:
Roofs, walks, flower-boxes, porch floor, thresholds and coping of slate.

Interior:
Slate plinths, bases, wainscoting, window sills, shelving, work-bench, filter and sink.



SLATE is adapted to more uses than any other natural stone.

The permanence of slate is proverbial. It is unaffected by exposure, moisture, oils, dyes, chemicals, odors. Whether cut into blocks or slabs or split into veneer-like sheets, slate retains its resistant, sanitary, fireproof and enduring characteristics.

These properties recommend slate for use—and its various colors permit of most effective contrasts—from roofs to walks; from vestibule to kitchen.

The diversified uses of slate are worthy of consideration in every building or rebuilding, roofing or re-roofing project—large or small—where effectiveness, economy and lasting satisfaction are desirable.

A booklet devoted to the uses of slate will be mailed on request.

SLATE

CONSIDER ITS USES

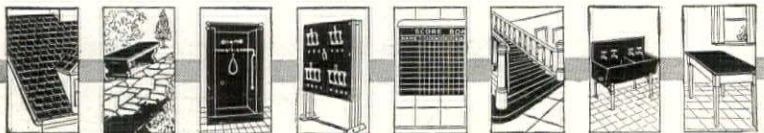
Roofs
Re-roofing
Chimney Tops
Hearths
Mantels
Thresholds
Sills
Wainscoting
Bases & Plinths
Stairs
Risers

Landings
Vestibules
Porch Floors
Areaways
Garden Walks
Fountains
Benches
Filters
Bathrooms
Laundry Tubs
Laundry Slates

Sinks
Work Benches
Dough Boards
Electric Bases
Kitchen Slates
Range Bases
Shelving
Filters
Table Tops
Ice Box Shelves
Drain Boards

NATIONAL SLATE ASSOCIATION

757 DREXEL BUILDING, PHILADELPHIA



On House & Garden's Book Show

(Continued from page 144)

to make boilers which simply don't work at all. The great misfortune is that such a piece of first-hand, inside mis-information carries infinitely more weight with the prospective builder than all the advertisements and other printed matter, or even the manufacturer's affidavit as to the real performance which can properly be expected from the Whatever Boiler.

And the damage is greater than this, for it breeds a general mistrust of all advertising statements, and obscures the truth that advertising today is built upon a substantial foundation of veracity. In "The Construction of the Small House" Mr. Walsh performs no small service, and one hitherto attempted by no writer, when he devotes a chapter to the manner in which advertisements should be read by prospective builders. He shows how, by detailing two examples, quoted from actual advertisements, the actual facts of the case and the required basic information can be gleaned from the conflicting and sometimes contradictory statements of competitive manufacturers.

Even on the question of style Mr. Walsh holds no brief, and the esthetic element in this aspect of the small house betrays him into no flights of fancy. His book is unqualifiedly recommended to everyone who wants to take building advice straight, without any of the usual flavoring.

AN INTRODUCTION TO THE STUDY OF TERRA SIGILLATA TREATED FROM A CHRONOLOGICAL STANDPOINT. By Felix Oswald and T. Davies Pryce. Longmans, Green and Co.

Terra Sigillata, the red-glazed pottery fabric of Gaul and other Roman provinces, a ware commonly known as "Samian" receives systematic and comprehensive attention in a scholarly work by two English authorities, Felix Oswald and T. Davies Pryce, published by Longmans, Green and Company in a finely illustrated volume. Both authors have pursued archaeological investigations at the Roman station of Margidinum in Nottinghamshire and they state in their preface that at an early stage of their excavations they were struck by the difficulties inherent in the study of Terra Sigillata since they had at hand no work in the English language which covered the subject comprehensively, and as no such work then existed, they were obliged to employ the scattered memoirs in many languages besides their own and to collate these references. This led to the preparation of the present work which will prove a welcome and valuable addition to the art archaeological works of the time especially as the authors have placed special emphasis on the chronological importance of the forms of the vessels and their style of decoration.

Few objects of classical antiquity are more beautiful or more interesting than these ornamented ceramic pieces of ancient Roman provincial occupation and the Italian Terra Sigillata,—the so-called Arretine ware—of which practically all of the Gaulish Sigillata was a development. Next to datable inscriptions, the authors point out, there is, perhaps, no relic of Roman occupation which yields such valuable chronological evidence as Terra Sigillata. We now know that the manufacture of this

ware was confined to Italy and western Roman provinces, and for this reason we find it preferable to the old designation, "Samian", the ware by earlier archaeologists supposed that at least the dominant influence of the Hellenistic pottery of Samos was responsible for the Terra Sigillata. Other pottery centers in Greece and in Asia Minor produced bowls with relief decoration did, as much, afford the prototypes of later Roman red-glazed ware. The term Sigillata is derived from *sigilla*, stamped figures or patterns designs stamped on the interior moulds or applied to the exterior vessels, although much of the ware known as Terra Sigillata is plain devoid of decoration, decorated by *botine*, or by rouletting, or by incisions suggesting those of modern cut glass. Even the ware with painted patterns was included. The essential characteristics of the ware, however, consist in red or yellowish red paste and red or yellowish red surface-glaze, the former of which is truly remarkable, finer than that of sealing wax.

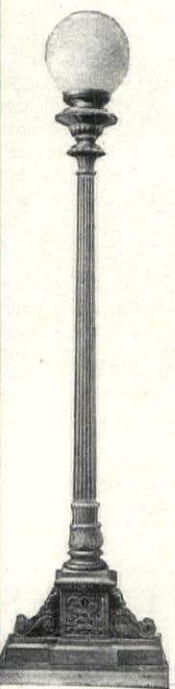
From about the year 60 B. C. to A. D. 20 we have the most characteristic period of the Arretine pottery which makes Italian Sigillata the chief ceramic product of the Augustan Age. Earlier examples of Arretine vessels were produced at about 100 B. C., but these resembled the Samian pieces of a still earlier period glazed in black in imitation of the transition to the red glaze which place about 100 B. C. Pieces of Terra Sigillata have been found in Britain. Undoubtedly the Roman conquerors of the Claudian period brought pieces of it over with them, though it seems likely that some of it came from Britain in pre-Claudian years.

There were many centers of manufacture for the Roman Provincial Sigillata, all confined to the continent. Oswald and Pryce point out that, at present, no evidence of the production of this fabric in Britain. Manufacturers exported the ware to parts of France, Britain, Spain, Gaul and other parts of the continent of Europe, including Italy, and Africa, although other pottery centers such as that of St. Rémy, had local provenance.

The various chapters of this work concern themselves with a general description, dated sites, stamps of attested potters, vessels decorated with moulded relief, origin and development of the decorative designs of provincial Terra Sigillata, details of chronological significance, plain forms, miscellaneous Sigillata fabrics, the origin and classification of the ware, while an extensive bibliography, a carefully prepared chronological table and a useful index are added. The map showing the sites of manufacture which forms the first piece and the eighty-four additional full page plates are of great interest, beautifully drawn and all that could be desired, quite as much from a collector's point of view as from an archaeologist's. With the revival of interest in archaeological research, this work by Oswald and Pryce will have more than a limited appeal. It offers much to attract those interested in the study of classical design as well.—G. T.



The Community That Took Pride In Its Lighting Fixtures



Merion—a suburb of Philadelphia, is called one of the most beautiful communities in the country. Naturally it took great pride in its exterior lighting fixtures—and selected 150 Smyser-Royer fixtures.

Every community must have lighting fixtures. Choose the best and make your town distinctively artistic. The Smyser-Royer line includes 360 original conceptions that represent the highest type of iron craftsmanship.

Smyser-Royer fixtures are not only for communities but for every type of building—the home—the country estate—town house—public buildings.

Our booklet, "The Lamp of Hospitality" will be sent upon request. For complete information on the full line, consult your architect.

SMYSER - ROYER CO.,
Main Office & Works, York, Pa.
Philadelphia Office—1609 Sansom Street

SMYSER - ROYER EXTERIOR LIGHTING FIXTURES



**So easy
to have up-to-date
window drapes**

—using Kirsch Curtain Rods. Takes only a little time and money to enjoy the transforming charm of new window treatments.

Kirsch CURTAIN RODS

are flat in shape. This prevents sagging and causes the curtains to hang smoothly and neatly.

They are finished in Velvetone Brass or Velvetone White, staying like new for years. They come single, double, triple, for any effect; extension style or cut-to-length, to fit any window.

This Kirsch bracket has no rival for simple, practical utility. The rods attach or detach by merely tilting, yet never come down accidentally.

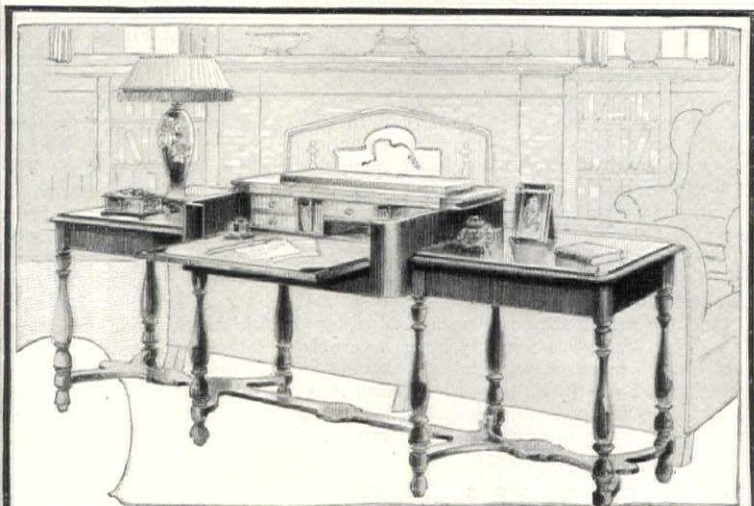
KIRSCH MFG. COMPANY
243 Prospect Ave., Sturgis, Mich., U. S. A.
KIRSCH MFG. COMPANY OF CANADA, LTD.
455 Tecumseh St., Woodstock, Ont.

FREE BOOK
of latest window
draping ideas



Our 7th annual book. Entirely new. Pictures window treatments, in color for every room in the house. Gives the information you want as to materials, rods, color schemes. Mailed FREE on request.

Remember to ask for *Kirsch*—The Original Flat Curtain Rod



Vandome Desk Table

COMBINES BEAUTY AND CONVENIENCE

NEVER before has a single piece of furniture so filled a definite need in the home. Combining the usefulness and convenience of the well known spinet desk with the slender grace and beauty of the popular davenport table, Vandome Desk Tables offer the double service of two pieces of furniture at little more than the price of one ordinary desk or table.

Vandome Desk Tables may be placed at the back of davenports or against the side wall with equal effectiveness. Excellent construction and finish. Made in the more popular period styles in various sizes. If not obtainable at your dealers, write us at once.



Let us send you our handsomely illustrated booklet showing Vandome Desk Tables (design patented) and Spinet Desks. Free for the asking.

H. E. SHAW FURNITURE COMPANY
GRAND RAPIDS MICHIGAN
446 Ionia Ave., S. W.

P. JACKSON HIGGS

Works of Art Furniture Decorations



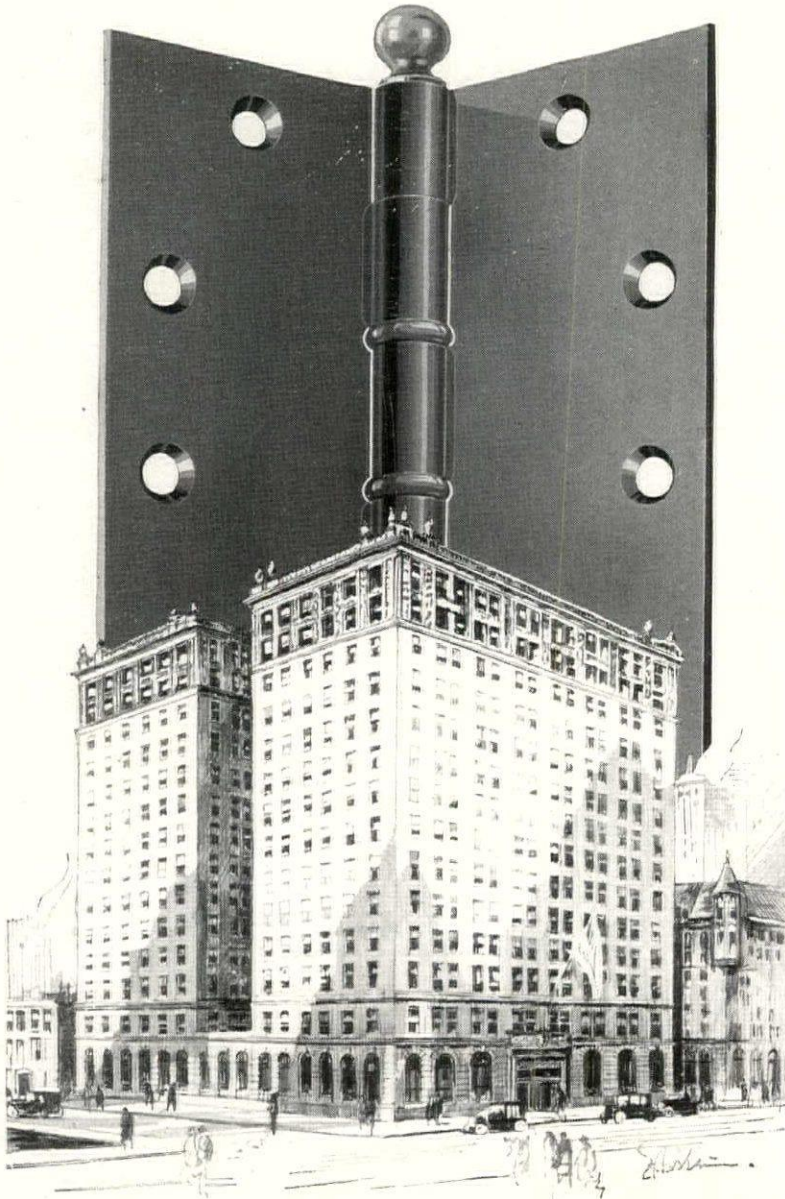
A very fine old Chippendale Chair

Any collector seeking fine examples of the period will be interested in this specimen.

The character of any room would be enhanced by such an acquisition.

**11 East 54th Street
New York City**

Philadelphia's notable new Hotel Sylvania has been fitted throughout with McKinney Hinges. LeRoy B. Rothschild was the Sylvania's architect; John B. Wiggins Company the contractors; hardware supplied by N. E. Henderson Co.



The hotel door's contenting magic!

AS the door swings mutely open, a step brings you into your own room's welcome privacy. At your touch the door easily shuts, . . . shuts you off in tranquil withdrawal. Behind that door you stay as aloof as you please, . . . yet a host of skilful servitors alertly awaits your summons. The magic doors of a great modern hotel!

In planning such superb hotels as the Sylvania, they make sure of doors that will seclude each guest, yet never obtrude on his need for quiet. They chose McKinney Hinges for the Sylvania, because the experience of many other fine hotels has proved these sturdy, graceful, unrelaxing metal sinews for silent-working doors.

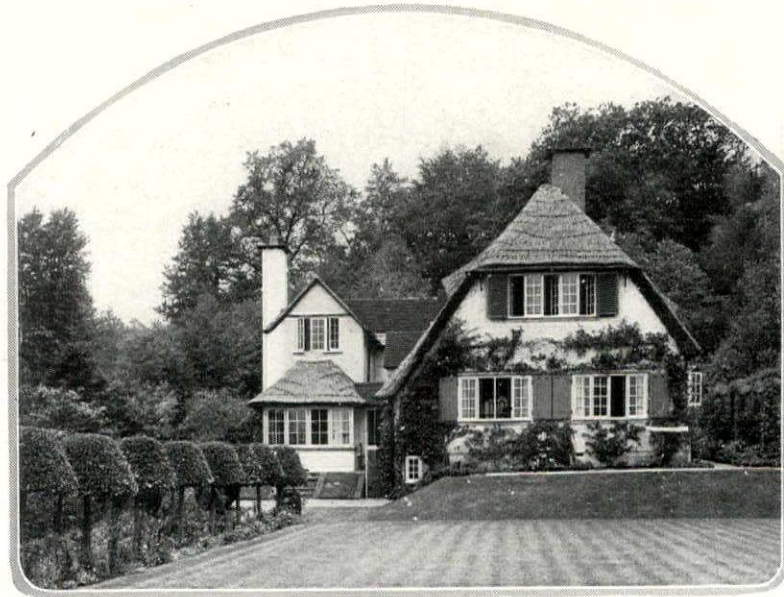
From 1885, right on through the years, our effort has been to make McKinney Hinges so well that no builder can do better than choose them for any door.

If you plan to build a home, "Suggestions for the Home Builder" will be useful for the interesting and practical data it includes with its informing story about McKinney Hinges. This book, and one on hanging garage doors properly, will be promptly sent for the asking. Address:

McKINNEY MANUFACTURING COMPANY, Pittsburgh, Pa.
Western Office, Wrigley Building, Chicago

McKINNEY

Hinges and Butts and Hardware



A smooth expanse of well kept lawn, bordered with flowers, and a double rank of trim clipped trees, is a pleasant, restful sight and an ideal playground

SOME HINTS on the CARE of LAWNS

DIFFERENT qualities of turf are required for different purposes. First, there is the undulating pleasure lawn, the raison d'être of which is a matter of ornament. This should present a rich fresh green all the year round, and in choosing the grass for these lawns it should be remembered that where parts of it are heavily overshadowed by trees, a strong growing mixture, which might include a little white clover, should be used.

Secondly, there is the type of lawn constructed to withstand much wear, of which the tennis lawn is the main example. Here the two essentials are a firm and level surface with perfect draining. The grass should be strong and fine, and clover must not occur as it deadens play and stains the balls.

It must be remembered that with lawns nature is not allowed a free hand as with other forms of plant life, where impoverishment of the soil is largely made good through natural agencies. Grass takes nourishment out of the soil all the year round and the earth is very seldom given the benefit of even the mowing machine clippings. However scientifically a lawn may have been laid, and however excellent the treatment meted out to it, the soil requires periodical feeding. Thus a dressing of a good lawn compost at least once a year is necessary.

NOURISHMENT FOR LAWNS

For a lawn that is thin and patchy, a remedy will be found, provided the soil is not too poor, in thorough scarifying with an iron rake and subsequent treatment with a renovating compost made up of leaf mould, well-rotted stable manure, wood ash, bone meal, and a little ground lime. This must be well mixed, passed through a $\frac{1}{4}$ " sieve, and spread evenly over the surface of the lawn; then brushed in and rolled. The autumn is the time for this; in the following spring (March) a good mixture of grass seed should be sown.

SYMPTOMS OF BAD DRAINAGE

The appearance of mossy and fungoid growths or the presence of many worm casts often indicate that drainage is bad—a much more serious problem. In chronic cases this causes water-logging, but the first mentioned symptoms are a warning that the matter requires attention. To make quite sure whether faulty drainage is at the root of the trouble, it is desirable to dig several test holes to a depth of

three feet. If (it is assumed that the period is one of average rainfall) no more than an inch or so of water stands in them at the end of a week or ten days it is clear that the drainage is satisfactory; four to six inches of water denotes that it needs improvement. This will involve the stripping of turf and topsoil and the running of a 4" main agricultural drain. In a heavy soil this would be laid at a depth of 2' 6" and deeper in a lighter soil. This main should be connected up with a subsidiary piped in herring-bone fashion at from 10 to 30 apart according to the heaviness of the subsoil.

TURF FOR TENNIS

In the case of tennis courts and grass paths which have been worked bare, the best course is re-turfing. The turf should first be mown with a scythe or lawn mower, rolled and hand weeded. Cut to an even thickness of $1\frac{1}{2}$ ". The ground will have been prepared meantime for receiving the new turf, and if the soil is heavy a thin dusting of fine ashes might be given before laying the turf. This done, it should be well beaten and a dressing of fine loam spread over the surface, and left for six or eight weeks to allow the roots to become established.

LAWN MOWERS

The successful maintenance of lawns requires also, of course, thorough and regular mowing. On lawns covering an area of less than half an acre a hand mower would be sufficient; on larger lawns a power machine has been found to be not only a time saving, but a labor saving device. It has been estimated that with one of the smaller types of power lawn mowers a half-acre lawn can be cut in an hour or an hour and a half. Its operation requires no more skill than does the running of a hand mower. Many owners of suburban homes make a hobby of personal care of their lawns and find recreation and pleasure in the operation of power mowers. By removing the hard work it makes the mowing of an acre or less an easy morning or evening task that is of much benefit to persons who are confined during the day.

If the lawn is being remade a good time to do the seeding is immediately after a slight fall of snow, sowing the seed upon the snow, so that when it melts the seed will enter the ground

(Continued on page 158)



Ventilator Cooling Porch

The Porch Beautiful and Comfortable—Is a Vudor Porch

Whether viewed from the exterior or interior, Vudor Ventilating Porch Shades enhance the appearance of any porch.

But their greater service lies in their ability to subdue the sun's heat and glare, keeping your porch cool as a mountain breeze and shady as an arbor.

Why go away this summer when you can enjoy vacation comfort on your porch enclosed with Vudor Porch Shades. Eat, sleep and entertain on your porch—secure from curious eyes.

Vudor Porch Shades are made of wood slats beautifully stained in permanent colors—arranged so that you see passers-by but they cannot see you. Ventilator woven in top—exclusive Vudor feature—assures perfect ventilation. There's nothing quite like them for appearance, utility and comfort. Write for color illustrations, prices and name of local dealer.

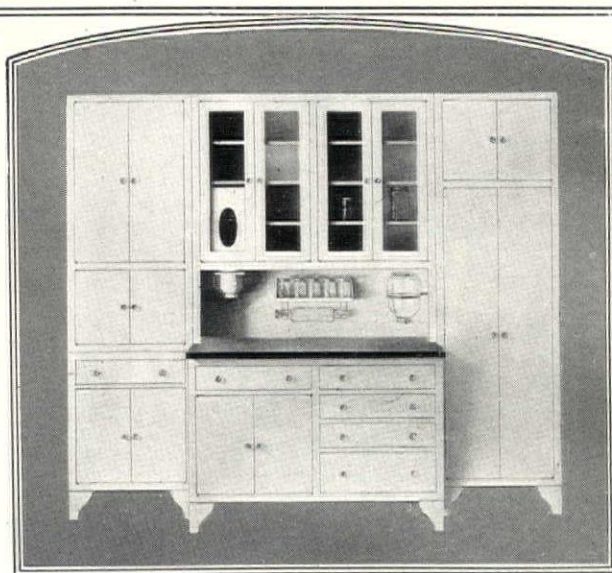
Hough Shade Corporation
261 Mills St. Janesville, Wis.

SELF-HANGING

Vudor

VENTILATING PORCH SHADES

Self-Hanging Vudor Ventilating Porch Shades



The WHITE HOUSE Line SECTIONAL UNIT STEEL DRESSERS

THE above arrangement of WHITE HOUSE Units shows our No. 50 Dresser, flanked by a Side Unit (on left) and a Broom Closet (on right). This combination is ideally suited to the kitchen requirements of the modern sized home.

The illustration itself suggests the exceptional utility of such a combination, but to really appreciate the endless little conveniences of efficient arrangement as well as the

perfection of workmanship, and to realize the advantages of steel as against wooden construction, you must actually see WHITE HOUSE Dressers.

WHITE HOUSE Dressers are entirely of steel, making them pest-proof and odorless; the finish is white enamel, baked on.

Stop in at our showrooms, or write for our illustrated catalog on The WHITE HOUSE Line.

Janes & Kirtland

Established 1840

133 West 44th St., New York City

Darkness at Dinner!

Often, in the midst of a company affair; when using some electrical table appliances, you have been interrupted—by sudden darkness!

A burned-out fuse! It happens once in a while and it's extremely annoying with the old, inconvenient and dangerous method of fuse replacement.

But the interruption is an incident, merely, which is quickly and safely over, if you have The Triumph Safety Type "R" Panel Board in your home. It enables you or your maid to put in a new fuse as easily as you screw in a new bulb. There is no delay, no trouble—light again in a minute.

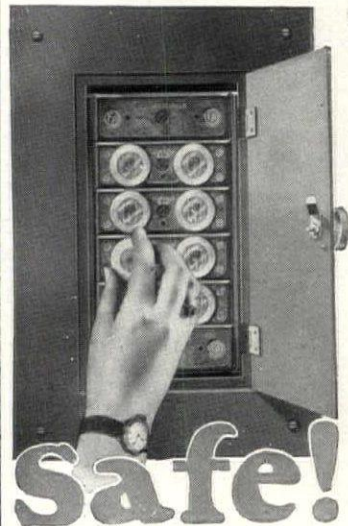
Frank Adam
ELECTRIC COMPANY
ST. LOUIS

You Should Have Our New Book

"Wiring the Home for Comfort and Convenience." If you are building or planning a new home there are many ways you can add to the satisfaction of living there by little additions to your wiring plans. This book offers many suggestions.

Sent Free upon Request

Type R Residence Panel Board



More Than 100 Architects Designed These Moderate Cost Homes For You

In this one volume there are 500 working plans of practical, charming small houses, each designed by an architect whose smallest fee for an individual commission would be more than \$600. The coupon below brings you the book by return mail.

HERE is an opportunity to get for \$3.00 the services of the leading architects of the United States. Here is an investment of \$3.00 that will save you \$600—and more.

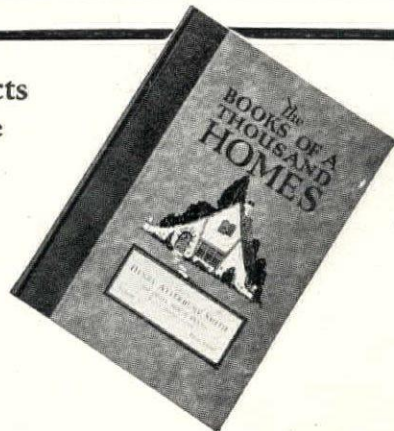
For two years a group of public-spirited men have worked on the preparation of "The Books of a Thousand Homes." Architects have donated their energy and creative powers in the interests of the people who are going to build small homes and want the best at a minimum cost. Volume 1, containing 500 designs of 4 to 8 room houses, is now ready.

A home to suit

your needs—your taste—your income

Surely, among these 500 homes, you can find the one that has been in the back of your mind. Houses of frame, brick, stucco, cement block, hollow tile and stone are included and each type is handled by experts who know all there is to know about it.

Each design is illustrated with perspective drawing or photograph, floor plans and dimensions, with description and cubical contents, making preliminary construction cost estimating easy in your immediate vicinity.



For each design the architect's blue print working drawings, details and specifications, complete for building, are available.

No plan book like it has ever before been produced. In it you will find inspiration, and economy, and a clear, straight path to the home you and your family want to own.

The coupon—with no money—brings the book to you prepaid. Act now, before the limited first edition is exhausted.

This coupon breaks ground for your new home—Clip it now!

Home Owners Service Institute, Inc.,
35-37 West 39th Street, New York, N. Y.

Send me Volume 1 of "The Book of a Thousand Homes".

I enclose check (or money order) for \$3.00 in full payment.

You may send me the book by parcel post prepaid. I will pay the postman \$3.00 when I receive it.

Name

Address

BTH-01



Sooner or later
pipe corrosion
will cost you money~

CORROSION (rust) some time and somewhere is going to put your name on the list—the list of people who add their bit to the millions of dollars spent annually in repairing the damage done by leaky pipes.

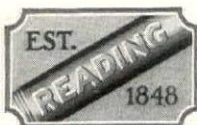
That leak may start over the silk counter in your store. It may damage goods or machinery in your factory. It may ruin the ceilings, walls and floor in your home. Your loss may be only a plumber's bill or it may amount to a good, round sum.

But sooner or later pipe corrosion will cost you money. You cannot prevent ordinary pipe from corroding and leaking. But you can install pipe that resists corrosion.

Reading Genuine Wrought Iron Pipe offers a rust-resistance two or three times greater than that of steel pipe. "Reading's" greater durability and longer life make its cost to you, per year, one-half to one-third the price of steel.

From every viewpoint it will pay you when building or remodeling, or when renewing your pipes, to specify "Reading"—the pipe that endures.

Let us send you "The Ultimate Cost"—an interesting booklet of pipe facts and figures.



"Reading" on Every Length"

BRANCH OFFICES:
Boston Pittsburgh
New York Cincinnati
Philadelphia Chicago
Baltimore Fort Worth
Los Angeles

READING IRON COMPANY
READING, PA.

World's Largest Manufacturers of Genuine Wrought Iron Pipe

READING
GUARANTEED GENUINE
WROUGHT IRON PIPE



Rutland lodge is a typical Christopher Wren country house of brick, with cornice of wood and a doorway which is classic in detail. It is at Petersham, in Surrey

SIR CHRISTOPHER WREN, Architect

1632—1723

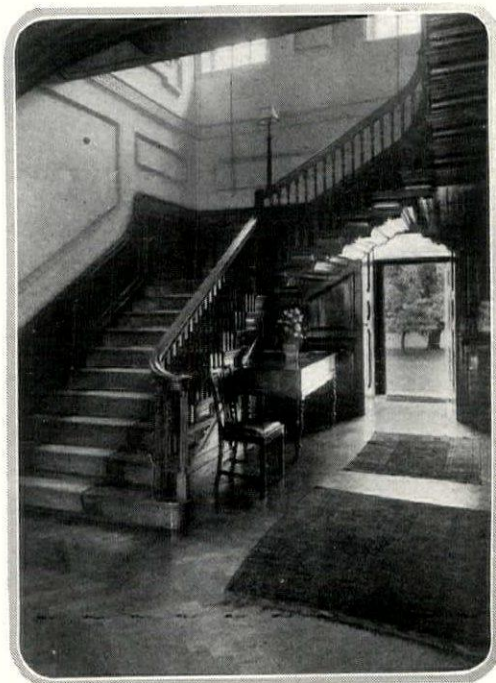
FROM its Italian place or origin the Renaissance spread comparatively slowly, but very steadily, across the face of Europe. It was as though some splendid infection—a kind of sublime spiritual influenza—were spreading from mind to mind, manifesting itself in different places by different symptoms. In Italy, the Renaissance was primarily artistic. In Germany a revival of learning and the reform of religion were forms taken by this wonderful disease. In England the symptoms were almost exclusively literary.

England has always, from the time of Chaucer onwards, excelled in literature; she has produced very few plastic artists of anything like the first order. The two greatest of them have undoubtedly been architects. The first of them is Inigo Jones. The name of the second is Christopher Wren. We are celebrating this year the two hundredth anniversary of his death.

Wren, who was one of those extraordinary universal geniuses—mathematician, astronomer, resourceful engineer, and

consummate artist—so typical of the Renaissance, is among the most profoundly interesting figures in English history. And no less interesting is his artistic development—from the comparative crudity of his first amateur designs, to the masterful perfection of his maturest work. But we shall confine ourselves, therefore, to discussing Wren's practical bearing on architecture of today: to disengage from the bricks and mortar, the stone, the lead work, and the timber of his building those general architectural lessons which his genius has to teach us.

And how closely he touches our everyday lives! For Wren, although a master of the truly grand and majestic, is not extravagant genius, no wild reacher out into the impossible and unattainable. He is essentially sane and reasonable. His chief concern was not with the unheard-of and theatrical grandiosity of which his Italian contemporaries dreamed; it was with ordinary life, as it is, or rather as it ought to be lived—decently, rationally, with



The qualities of dignity and spaciousness in this stair hall in Rutland Lodge are characteristic of Wren's work, from St. Paul's to his smallest country house

The Most Convenient Lamp Ever Invented

The Adapt-A-Lite clamps, hangs or stands anywhere and the automatic reel provides just the amount of cord needed. When not in use, it is retrieved (like a window shade) and kept clean and unknicked in the spherical container. Ideal for writing, reading, sewing, shaving, etc. The extension model (without clamp and shade) is a perfect fixture for the pantry, closet, garage or basement. If your dealer has not been stocked send us his name and we will see that he is supplied. In the meantime your order (send check or money order) will receive prompt attention via parcel post.

APPLETON ELECTRIC COMPANY

1707 WELLINGTON AVE.

CHICAGO, ILL



Adapt-A-Lite puts the light where it is needed.



Adapt-A-Lite Extension

The handy extension that is neat and compact. No knicked, soiled cord—a rigid fixture when not extended.

\$3.50

The cord is kept reeled — neat and clean.

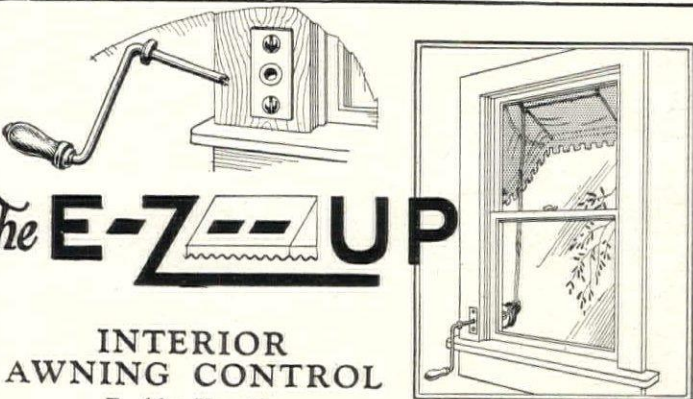
Adapt-A-Lite

Portable

\$5.00

ADAPT-A-LITE

REG. U. S. PAT. OFF.



The E-Z-UP

INTERIOR AWNING CONTROL

Enables You To

Raise and Lower Your Awnings from the INSIDE

HERE IT IS at last—a household convenience you've always wanted. No need any more to suffer the exertion, danger and inconvenience of raising the window and screen every time an awning should be raised or lowered. Simply insert the detachable lever in an inconspicuous little hole in the metal plate (colored to match your woodwork if you wish) and with an easy wind or two, the job is done.

Then, too, the E-Z-UP enables you to lock the awning at any height. You can give your rooms just the proper amount of sunlight, saving rugs and draperies from the fade-menace of too much sun. The device does not disfigure the finest home. It will not interfere with windows or screens and is self-locking in any position.

The E-Z-UP can be easily and quickly applied to awnings already in place as well as to new installations. And you will be surprised for how small an expense you can equip your home with this essential household need. Write today for further descriptive matter. If you will state the number of windows you wish equipped, giving their inside dimensions, we will be pleased to quote prices.

THE MACLEAR MANUFACTURING & SUPPLY COMPANY
321-341 Navajo Street
Denver, Colorado

Where Good Taste Is Paramount

THE convenience, comfort and sanitation of your new home is greatly enhanced if you have a Kernerator built in. (It cannot be installed later.) All household waste, garbage, broken glass, cans and the like, dropped through the convenient hopper doors, falls to the brick incinerator in the basement. There it dries automatically, and an occasional lighting burns everything combustible. The waste itself is the only fuel required, therefore it costs nothing to operate. Non-combustibles are sterilized and removed with the ashes. Consult your architect or write—

Kerner Incinerator Co.

1025 Chestnut St., Milwaukee, Wis.



KERNERATOR

Built-in-the-Chimney

Reg. U. S. Patent Office

Remodelled home of Architect Robert R. Graham, Middletown, N. Y., shows the use of long 24-inch "CREO-DIPT" Stained Shingles with wide exposure on side walls and 16-inch "CREO-DIPT" Stained Shingles Silver Gray on roof.



New Homes for Old

WONDERFUL opportunities are available with the use of "CREO-DIPT" Stained Shingles not only on side walls as well as roofs of new homes, but also for remodeling. They can be laid on side walls over the old clapboards or siding. For roofs it is advisable to remove old shingles.

"CREO-DIPT" Stained Shingles are made of selected red cedar, all straight grain, stained in selected colors of red, green, brown or gray made from pure earth pigments ground in linseed oil and carried into the fibres of the wood with creosote. Such building material lasts indefinitely. You save muss and work of staining-on-the-job; you save painting and repair bills. Your home always expresses individual charm.

Send 50c for Portfolio of fifty large Photographs of Homes of all sizes by prominent Architects. Ask about our special "CREO-DIPT" Stained Shingles for Thatched Roof effect; also the large 24-inch "CREO-DIPT" Stained Shingles for the wide shingle effect on side walls, either in Dixie White for the true Colonial white effect, or shades of green, brown, red or gray.

CREO-DIPT COMPANY, Inc.

General Offices: 1012 Oliver St., North Tonawanda, N. Y.
Factories: No. Tonawanda, N.Y., St. Paul, Minn., and Kansas City, Mo.
Sales Offices: Principal Cities
Leading Lumber Dealers Everywhere Carry Standard Colors in Stock.

Portfolio of Homes



"CREO-DIPT"

REG. U. S. PAT. OFF.

Stained Shingles





The new home or remodelled home The Shower

The small illustration shows the Palm Beach model—a portable shower. Fits any Tub. Anyone can attach it in five minutes.
Price \$14.00
Sold by plumbing hardware and house furnishing dealers.

PEOPLE know now that the BATH-A-DAY is vital to health; they know that the easiest, quickest, cleanest way to bathe is in the clear, running water which the shower bath alone affords.

That's why no new home, no remodelled home is right unless it has its modern bath rooms, and no bath room is modern without its shower.

The Kenney Shower, with its new, scientific principle of converging inward and downward needle streams, does away with the unsightly, unsanitary curtain and the messy bath room. It's a body shower; it puts the water where you want it; no wet hair, and it's the ideal shower for the whole family. Even the children can use it without flooding the bathroom, and they like it.

The large illustration at top clearly shows the built-in Congress Concealed Model which your architect can specify and your plumber install.

You'll enjoy reading the booklet "Your Bathroom and the Kenney Shower" which we will be glad to send you on request—free.

THE KENNEY-CUTTING PRODUCTS CORPORATION
507 Fifth Avenue New York City

Kenney CURTAINLESS Shower



A doorway in which Wren's genius for proportion and Grinling Gibbon's genius for luscious detail are richly and beautifully brought together



A fireplace and overmantel treatment characteristic of the Wren manner. Both fireplace and the door to the left are in St. Lawrence Jewry, London

Sir Christopher Wren, Architect

(Continued from page 150)

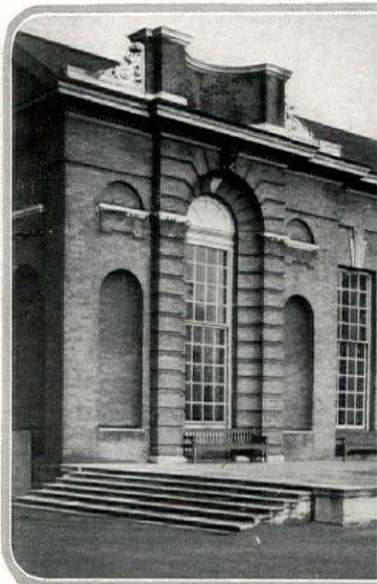
dignity befitting the natural greatness of Man. It was Thomas Carlyle who made the truest and most illuminating remark about Wren as an artist. "I had passed Chelsea Hospital", he told a friend, "almost daily for many years without thinking much about it, and one day I began to reflect that it had always been a pleasure for me to see it. I looked at it more attentively and saw that it was quiet and dignified and the work of a gentleman". All Wren's buildings are the work of a gentleman—of a man of breeding and culture and good taste, of a believer in an ordered, decent, and spacious existence, of an apostle of dignity and restraint. He shows us how these qualities of a gentleman can be embodied in bricks and mortar; how we may make them part of our environment.

Let us come down to a specific appreciation of Wren's architectural gifts. To begin with, we will ask ourselves a simple question: What are the qualities which go to make good architecture? Writing of the fine baroque church of Salute at Venice, Ruskin said: "It is to be generally observed that the proportions of buildings have

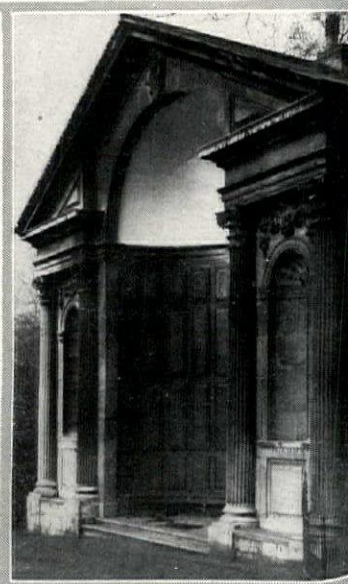
nothing to do with the style and general merit of their architecture. An architect trained in the worst school and utterly devoid of all meaning or purpose in his work, may yet possess such a natural gift of massing and grouping as will render his structures effective when seen at a distance.

Ruskin, then, had a notion that architecture is a matter of details—the "Stones of Venice"—the individual chunks of carved and finished marble or oolite—that mattered; the design of the building of which these stones were but the smallest part. It is recognized by most intelligent people that Ruskin's extraordinary notion of architecture—a monstrous and happily unprecedented notion—was hopelessly wrong. When one wants to describe the beauty of a woman, one does not talk about the electrons, the chemical atoms of which she is composed; one talks of the proportion of her figure, of the strikingly satisfying relations existing between different features of her face. And exactly the same way if one wants to talk rationally about architecture

(Continued on page 154)



The dignified classic quality of Wren's exterior architecture is seen in the "Orangery" which he built in 1706 in Kensington Gardens, in London



At the head of the Serpentine, in Kensington Gardens, stands one of Wren's distinctly Palladian designs for a classic summer house, beautifully detailed



**EVERYBODY CAN AFFORD IT—
NOBODY CAN AFFORD TO BE WITHOUT IT.**

On every motor and outing trip you'll want this satisfying convenience—wholesome food—and genuine economy. Just lift the lid—that's all—and enjoy all the delicacies of the home kitchen kept fresh and tasty—your favorite drink ready for you and cool, too—whenever you want it

Go to your dealer and see the popular Hawkeye.

with your
**Everybody's
Hawkeye**
BASKET
REFRIGERATOR

If more convenient write us for descriptive folders.

Styles from \$6.50 up

All built inside and out to withstand the wear and tear of frequent use, this practical Basket Refrigerator retains the same beauty and dependable usefulness through years of service. So surprisingly economical, too, because only a small piece of ice keeps food fresh and beverages cool for 24 hours.

Write Today for Illustrated Booklet

BURLINGTON BASKET COMPANY
800 Hawkeye Bldg. Burlington, Iowa.

You'll Be Proud of Your Handy Everybody's Basket

PREPARE NOW

To Enjoy Real Comfort and Convenience This Summer



Rev. W. T. Elsing's Residence, Lakewood, N. J. Insulated with "Quilt," as per letter below:

"I built a house last summer in which I used your Sheathing 'Quilt' under the shingles and also between studding. I sheathed all the rooms with half-inch tongued and grooved boards, and decorated the walls with sanitary and Japanese crepes. The result is, I have a cheaper, warmer and more beautiful house than I could possibly get by using laths and plaster."

W. T. Elsing.

Make Your Houses Frostproof by Insulating them with Cabot's "Quilt"

IT is cheaper to build warm houses than to heat cold ones. A cold house will waste enough coal in two winters to pay for enough Quilt to make it warm for all time.

Quilt is not a mere building paper, but a thick, matted lining of cured eel-grass that is about thirty times warmer than common papers. It will make your house warm in winter and cool in summer, cut down your doctor's bills and keep the whole family comfortable. It will never rot or disintegrate—last forever—and is fire-retarding.

A full investigation will cost you a postal card—which will bring you a sample and the proofs, with name of your nearest agent. Will you write now?



Samuel Cabot, Inc.

Manuf'g Chemist
8 Oliver Street
Boston

24 W. Kinzie St., Chicago 342 Madison Ave., New York
Cabot's Creosote Shingle Stains

Win-Dor

Casement Window Adjusters



"Things You Ought To Know About Casement Windows"

IS the name of a booklet you are invited to send for. It tells the real truth about these most charming and practical of windows. It shows you the mistake of having half a window when it costs no more to have a whole one. Shows you why outswung ones won't leak; how they catch the breezes and throw them into the room. Why they don't rattle, and are easy to clean. How to screen, curtain, and put awnings on them. Likewise the unique way the unobtrusive little Win-Dor operator handle opens, closes, or holds them firm at any position. Send for the booklet.

The Casement Hardware Co
220 PELOUZE BUILDING, CHICAGO

Isn't it wonderful that we can stain Oak Floors to harmonize with our walls and drapes!

Oak Floors are so beautiful in themselves, with their varied natural grain; and now that we can stain them different colors to match the furnishings and hangings we have selected for our rooms, we can have floors that are really our own idea—different from others.

We must have oak in all our rooms

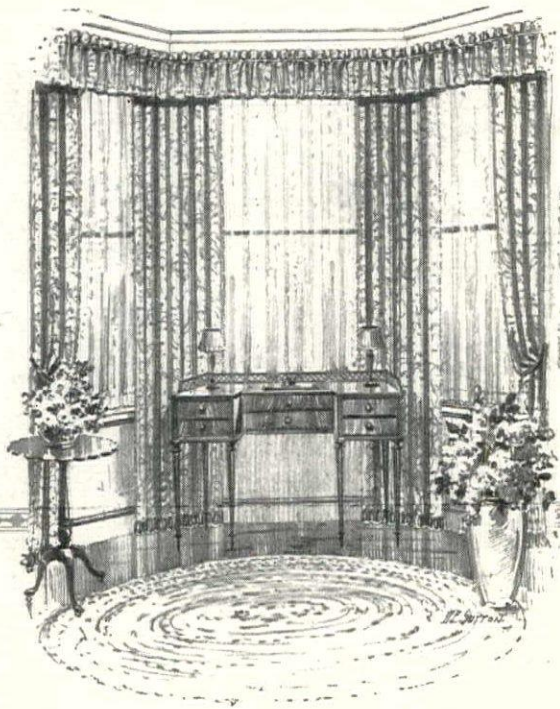


OAK FLOORS
FOR EVERLASTING ECONOMY

Twelve colored plates of beautiful stains, such as forest green, weathered oak, gray, and others, are shown in our new book, "Modern Oak Floors" with much other valuable information on the uses and advantages of oak floors, and how to keep them in perfect condition.

Write for your copy, to
OAK FLOORING BUREAU
1047 Ashland Block Chicago





KAPOCK
GUARANTEED
Silky Sunfast Fabrics

for Your Draperies, Furniture, Walls

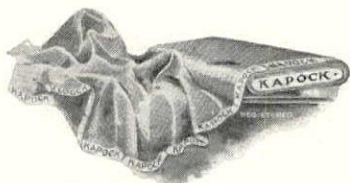
Beautify every room with KAPOCK. Its rare colors, its distinctive decorative charm, lend an atmosphere of elegance and refinement. KAPOCK is sunfast and tubfast and the double width for splitting cuts the cost in two.

For the utmost in beauty, refinement, durability, economy, insist upon KAPOCK, the ideal silky sunfast fabric for all decorative purposes.

*Send 6c in stamps for window drapery
 "KAPOCK SKETCH BOOK"
 beautifully illustrated in colors*

A. THEO. ABBOTT & CO.
 DEPT. C PHILADELPHIA

*Be sure it's KAPOCK
 Genuine has name on selvage*



The dining room in Wren's own house, which he remodeled in his own manner from an old Tudor mansion which was given him in lieu of a pension

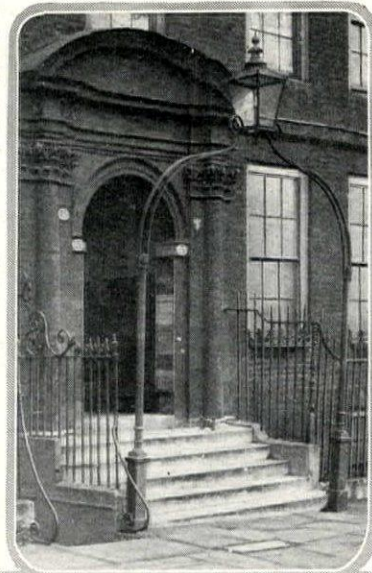
Sir Christopher Wren, Architect

(Continued from page 152)

discusses the building as a whole—its proportions, its scale, its mass; one does not dwell on the stones of which it is composed, nor on the religious views of the craftsmen who carved the stones. Detail is important in architecture—in what art or business is it not? But its importance is subsidiary. The whole is more important than its parts. All this seems so extremely obvious that one wonders how our grandfathers managed to believe the contrary.

Wren was a true architect; he interested himself primarily in the whole design, not in the

A miracle of delicate ornament created by Wren from rubbed brick, in the doorway of the Temple Church, at Eton College



details and the component parts. He conceived his buildings as complete three-dimensional designs which should be seen as harmoniously proportioned wholes from every point of view. And he possessed in the highest degree that instinctive sense of proportion and scale which enabled him to embody his conceptions in brick and stones. What it is that makes St. Paul's, in London, the most beautiful church built in Europe since the Renaissance? It is the architect's faultless sense of proportion; every part of the building, seen from within or from without, seems to stand in a certain

Later detail of heavy pseudo-classic manner does not destroy the gracious proportions of the old bow window done by Wren



Residence of
Theo. Schmitt
Clifton Park
Lakewood, Ohio



It Gives a New Beauty to Stucco

BAY-STATE Brick and Cement Coating lends a beauty to stucco that is striking. Dull gray walls stand forth as if transformed. Weathered and drab concrete assumes a new life.

A new life in fact, as well as in appearance. For Bay State Brick and Cement Coating is absolutely moisture-proof. It creeps into the pores of stucco or cement, hardens and waterproofs the wall. Neither dampness nor driving rain can seep through a coating of Bay State.

Bay State Brick and Cement Coating is made in a large range of beautiful tints and in pure, rich white.

Send for the new Bay State booklet No. 4, which shows many actual photographs of beautiful Bay State coated houses. And let us send you samples of white and tints. Write us to-day.

WADSWORTH, HOWLAND & CO., Inc.
New York BOSTON Philadelphia



BAY STATE

Brick and Cement Coating

Dodson Bird Houses



Purple Martin House
Martins feed on winged insects, especially the mosquito. One martin will eat a thousand a day, and a colony, hundreds of thousands. Cottage style, cypress, the wood eternal, painted green and white, 8 compartments. To hang on pole. 26x27x31 inches. Price \$16.00. Other styles up to \$78.

A Hobby that pays

Attract the song birds NOW—for this year's nestings. They will protect your trees and shrubs and gardens from insect pests. Even will destroy the mosquitoes! Bird houses scientifically built, to last season after season, designed by a bird lover who is recognized as an authority, can only be bought from Mr. Dodson. You see them everywhere, by tens, by hundreds. Order direct from Kankakee.

JOSEPH H. DODSON, INC.
731 Harrison Ave. Kankakee, Ill.



Great Crested Flycatcher

The fly catcher is entirely insectivorous. His work is always helpful. Strikingly original, this house may be placed on a pole, or hung. Of white pine. Green. Size 15x11x8 inches. Price \$3.50. With copper roof, \$4.50.



Wren House

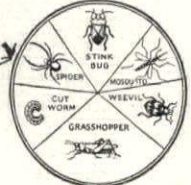
Wrens eat grasshoppers, beetles, caterpillars, spiders and mosquitoes. One pair will catch six hundred insects a day. Of fir wood with cypress shingles and copper coping. Four compartments. Green. To hang 28 in. high, 18 in. diameter. Price \$6.00.



FREE information on many different houses in Mr. Dodson's fascinating book, "Your Bird Friends and How to Win Them." Gladly sent upon request. Forty years of study of the birds has completed it. Write to Mr. Dodson. He will advise on attracting the birds to your home wherever you live! Large estate or city garden.

More of my bird houses are in use each year. I take joy in knowing each one is home for a family of happy song birds.

Joseph H. Dodson
President, American Audubon Association



See what the birds eat!

Dodson Famous Sparrow Trap, Guaranteed to Remove this Pest, \$8.00



Use Bluebird Curtain Rods with Fine Curtains

Styles for Every Home and Every Window

Your finest curtains cannot look well on old-fashioned, sagging, unsightly rods. Insist on "Bluebirds." They are the newest and most practical rods made—the outgrowth of 50 years' manufacturing experience.

Ornamental stiffening ribs give Bluebird Rods their rugged strength, and their Satin Gold and White Enamel finishes provide unique beauty. "Bluebirds" are rustless and sagless; rounded edges save curtain wear; and single, double and triple styles fit all windows and draperies.

Packed complete with nails and screws—easily put up. Ask your dealer.

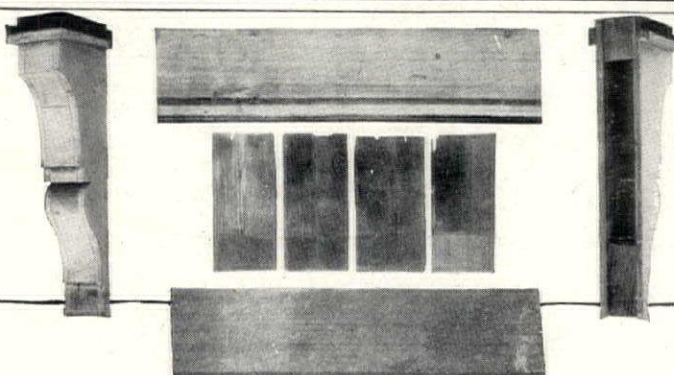
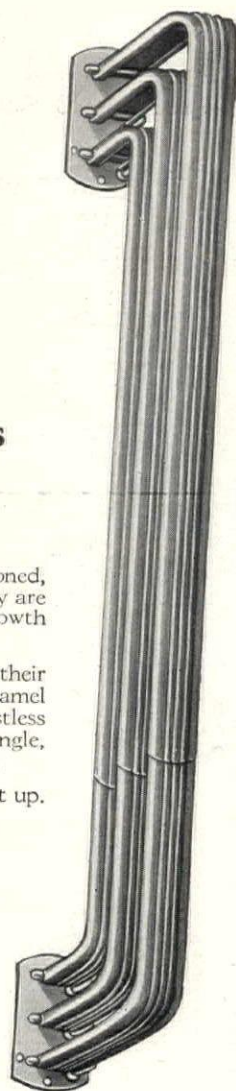
"Bluebird"

FLAT-Extending

CURTAIN RODS

H. L. Judd Co., Inc., New York

Makers of Home Accessories for Over 50 Years



Exposed 50 years— surfaces flat, edges sharp

THESE Redwood shingles, sidings and brackets, unprotected by paint for many years, and laid with old-fashioned cut iron nails, are free from decay after half a century of exposure to the weather. The surfaces are flat, the edges sharp and square.

The natural, odorless preservative which permeates Redwood during growth protected this Redwood lumber for over half a century against all forms of fungus decay and against insect activity.

You can assure equal permanence and protection by specifying Redwood for exterior construction work. Grade for grade, Redwood is no more expensive to use than woods that cannot compare with Redwood for rot resistance and proportion of clear wood free from common defects.

Before you build, write for our "Redwood Homes Booklet."

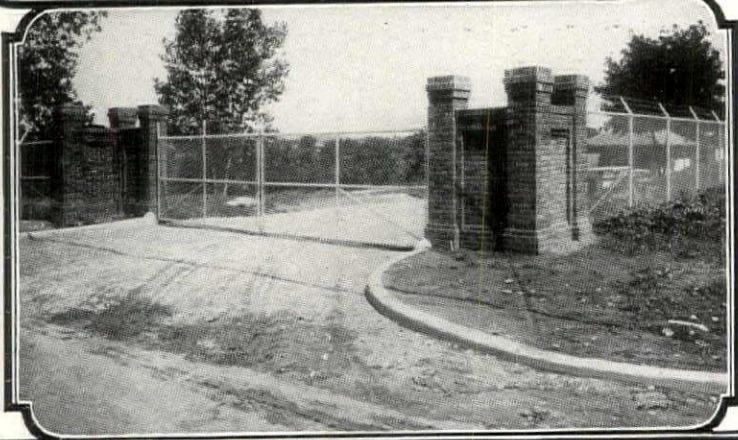
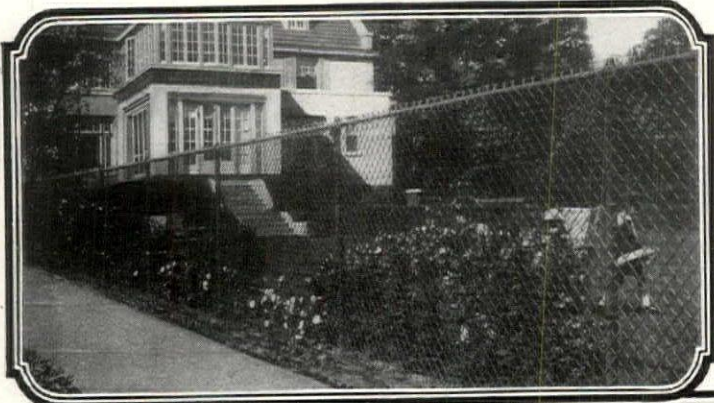
CHICAGO 3081 McCormick Bldg. NEW YORK CITY 923 No. 522 Fifth Avenue SAN FRANCISCO 311 California St. LOS ANGELES Central Bldg.
THE PACIFIC LUMBER CO. of Illinois THE PACIFIC LUMBER CO.

The Pacific Lumber Co. Redwood

The Largest Manufacturers and Distributors of California Redwood

FENCE Time NOW

Maytime—when spring lures the short-cutter to trample your budding flowers and the young plants in your garden; when the softened earth now permits you to build the needed barrier—this is FENCE time.



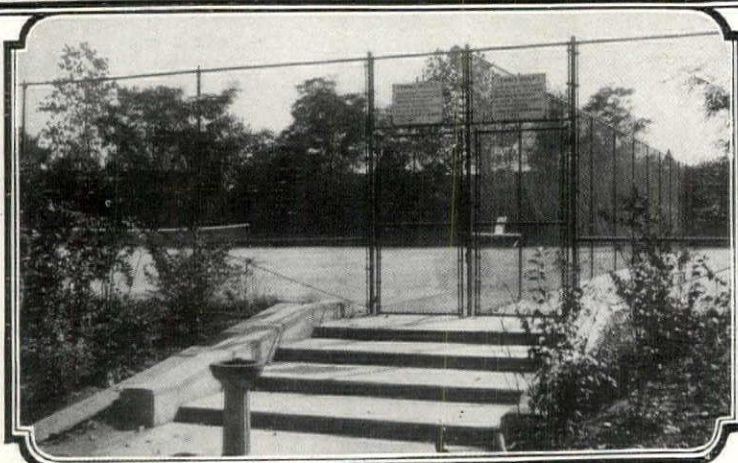
"America's
first wire
fence—1885"

PAGE

PROTECTION FENCE



"The only wire
fence made of
Armco Ingot Iron"



The fence for all time is an unclimbable wire-link PAGE Protection Fence—the only fence that may be had of ARMCO Ingot Iron, which is the highest type rust-resistant metal made. There is a PAGE distributor in your locality ready to serve you with plans, estimates and prompt construction.

Write today for the FREE book of designs, "FENCES for Protection and Beauty."

Page Fence & Wire Products Assoc.
219 N. Michigan Ave. Chicago

Sir Christopher Wren, Architect

(Continued from page 154)

satisfying relationship with every other part. And the same is true of the smallest buildings belonging to the period of Wren's maturity.

So much for the first and greatest of Wren's virtues as an architect. Next we must consider his originality and his ingenuity. His originality shows itself in the way in which he combines the accepted forms of classical Renaissance architecture to create designs that are entirely English and his own. The steeples of his city churches are an obvious example of this originality, while his domestic architecture—that wonderful application of classical principles to the best in the English tradition—is another. His ingenuity is shown in a hundred instances; we see it in his astonishingly varied solution of the problems presented to him in the rebuilding of the city churches. Irregular spaces had to be covered, the largest possible congregation had to be accommodated, the greatest possible variety of design obtained, and a decent air of richness and dignity imparted—all for very little money indeed. Those who have seen Wren's London churches will agree that it would hardly have been possible to achieve all these desired ends as satisfactorily as Wren has achieved them.

All the rest of Wren's virtues seem to be corollaries of that great moral virtue of gentlemanliness of which we have already spoken. It was his gentlemanliness which, while it made him respect humanity and desire that men and women should live with decency, dignity, and even a certain grandeur, caused him at the same time to shrink from all that was showy, pretentious, theatrical, mock-heroic. One has only to compare Wren with a few of his Italian contemporaries to appreciate this gentlemanliness. The Italian baroque artists of the 17th Century in Italy were interested above everything in the striking effect, the astonishing *coup d'œil*, the violent gesture, the impossible air of splendor and magnificence. Fine as much baroque architecture is, there is a swagger, a flourish, and a staginess about most of it which becomes, after a time, extremely offensive and fatiguing.

DIGNIFIED AND UNTHEATRICAL

How vastly different is the Italian theatricality from Wren's sobriety and restraint! Wren was a master of the grand, a lover of spaciousness and dignity. If only her citizens would have allowed him he could have made the new London which arose from the ashes of the Fire of 1666 the most beautiful and dignified and magnificent town in Europe. But with all his feeling for grandeur and dignity, Wren never dreamed of building for effect alone. The dignity which was his ideal was something very different from the theatrical magnificence of his Italian contemporaries; he was never theatrical, never showy or pretentious or vulgar. His churches are monuments of temperance and chastity. His palace at Hampton Court is not the showy and uncomfortable stage setting for absolute monarchy which Mansart built at Versailles for Louis XIV; it is a country gentleman's house—more spacious, of course, and with staterooms and more impressive vistas—a house where it is possible to feel at home and to forget that one is a king.

His successors of the 18th Century and 19th Century—and for that matter of the early twentieth—forgot his lessons in the art of being a gentleman

architecturally. Afflicted by the *folie de grandeur*, the 18th Century built country houses in imitation of Versailles and Caserta—stage houses, all for show and empty magnificence. The men of the 19th Century sinned in a diametrically opposite way; for they forgot that man is or should be a reasonable being leading a life of dignity and decency. They tried to pretend that he was a peasant or at best a robber baron of the Middle Ages. They built large houses as though they were cottages, all holes and corners and quaint features, without a decently proportioned room, without symmetry or balance, with no harmony between a mass of over-decorated and over-emphasized parts. The gentlemanliness of Wren was supplanted, first by a staginess that had, in any case, the merit of grandiosity, then by a conscious rusticity that had no merit at all. Today, however, there are signs of a renewed understanding of Wren. Architects are beginning to build houses for gentlemen.

WREN'S PLANNING

In matters of proportion, scale, and dignified composition, the 20th Century has everything to learn from Wren. Wren's planning, though infinitely more reasonable than the planning of his academic successors of the 18th Century, does not entirely satisfy modern requirements of convenience, labor saving, and privacy. The 18th Century architects thought only of the design of their great houses and nothing of the convenience of the people who were to live in them. Let us suppose, for example, that they wanted to build one of those numerous variations of the theme of the central block connected by colonnades with side pavilions which are so common in 18th Century architecture: they would carry out the design with a ruthless artistic logic—completely ignoring the fact that, to take the food from the kitchen to the dining room, the servants might in all probability have to walk about fifty yards of open colonnade, up a staircase, and through a suite of reception rooms. Wren, whose genius was always essentially sane and practical, never committed the absurd blunder of his academic successors. His usual plan was the plain square or oblong which Inigo Jones had introduced from Italy, and which had already largely superseded the picturesque but somewhat inconvenient plan of houses built round internal quadrangles, so dear to the Elizabethans. This square box divides up into convenient rooms on principle that is very much the same as it is today—with these differences that he used a greater number of small staircases than we are accustomed to consider necessary and that, like his generation, he saw no objection to placing rooms en suite.

In other respects Wren's planning was good and sensible as it can be.

The details of Wren's internal design are always admirable. His comely and dignified staircases, his beautifully proportioned paneling, his fireplaces, often charmingly placed across the corner of a room, his deeply recessed windows and doors—all these things are admirable and could not be improved. The astonishing thing is that people were ever fools enough to desert this comfortable, dignified, and thoroughly decent tradition for the hideous and proportioned discomforts of Ruskinian Gothic or for the affected rusticity of the cottage style of the early 20th Century.





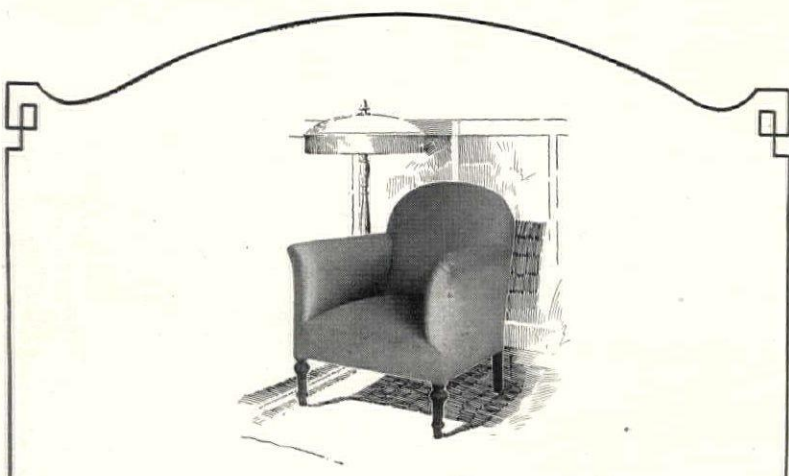
Lamps that Harmonize with their Environment

here in the New Hampshire hills we have a studio where we make distinctive lamps with beautiful vellum shades toned to harmonize with the bases. They are exceptionally made with unusual designs at very reasonable prices from \$1.50 up.

Send us a color sample of your draperies, wall paper, and we will have our designer, Edward Cheshire, make for you a special tinted sketch without charge. If a wedding present it will not, and cannot be duplicated.

For your own home, a constant source of satisfaction.

Applecock Studios
Fitzwilliam, N. H.



This Luxurious Chair—\$31.25

A chair of charming individuality, purposely underpriced for a limited period in order to introduce the products of the Deinzer Furniture Shoppes into an increasing number of homes in America.

Exquisitely fashioned in the design of Louis Sixteenth. Soft, roomy and delightfully comfortable—suited to the living room, library or boudoir. Richly upholstered in Diamond Damask or Repp, as preferred—a choice of blue, rose or tan in either fabric.

As a special feature, this handsome chair is now offered at a price so low as to be almost unbelievable. Satisfaction is guaranteed—or money refunded.

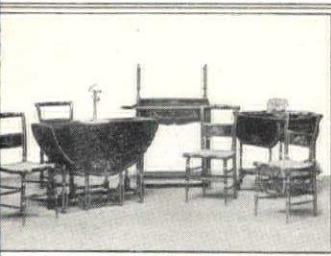
In ordering, specify kind and shade of upholstery desired.

Deinzer Furniture Shoppes

Artificers of Fine Furniture Since 1859

513 Leib Street, Detroit, Mich.

LEAVENS DECORATED FURNITURE



Allows the purchaser the exercise of individual taste in finish and decoration.

One may select colors or figured decorations to harmonize with their surroundings or interiors, and thereby realize the satisfaction of having aided in their creation.

Leavens Colonial and Decorated Furniture is noted for its beautiful simplicity of design and its adaptability. Somewhere in the Leavens line you will find that set or single piece for which you are searching.

Send for literature on decorated and colonial furniture

WILLIAM LEAVENS & CO. INC.
MANUFACTURERS
32 CANAL STREET,
BOSTON, MASS.

Governor Winthrop Desk

A piece of rare beauty, faithful in line and detail and custom built of the very best material by skilled makers. Genuine selected mahogany, hand-rubbed finish, dust proof drawers, solid brass fittings. Corresponds to the finest pieces sold by exclusive dealers and guaranteed to be satisfactory.

38 inches long, 20 inches deep, 42 inches high.

This is our feature piece specially priced

\$105

Carefully boxed for shipment; safe delivery

Sent on receipt of price or C. O. D. with \$20 deposit. Plates of other antique reproductions on request.

WINTHROP FURNITURE CO. 185 Devonshire St., Boston
DEPT. G



Pinkham Home Braided Rugs



Artistic sincerity and enduring satisfaction are the qualities woven into every strand and fibre of Pinkham Hand Braided Rugs. The best traditions of colonial American art have been inherited by a generation of Maine weavers who carry on the skill of their ancestors in braiding Pinkham Rugs.

The fine character of these rugs makes them appreciated in beautiful homes.

For sale at leading shops. Colored sketches submitted without charge, on receipt of samples of your wall-coverings, to indicate design of rug most appropriate to your room.

PINKHAM ASSOCIATES, Inc.

3 Marginal Road, Portland, Maine



THOSE LITTLE CHARMING DETAILS

A woman is judged by her accessories—a house by those little incidental bits of charm that never just happen.

Haven't you often wondered what to do with two or three flowers—or a spray of bitter-sweet—or the first pussywillows? Here's the solution, the Sharon Bud Vase Pendant in Windsor ware (6 3/4" high), with a quaint bit of decoration on its pleasant enamelled surface—black with yellow, grey with blue, old rose with grey, green with red—cords and tassels to match the flower motif. The cigarette jar that goes so friendly with it is called Kent, and comes in the same combinations.

If you aren't interested in bud vases or cigarette jars, perhaps you need new candlesticks (like nobody else's), or a lamp that will make your room over.

Check what you like on the list below, and we'll tell you about it.

Free Information Coupon
Don't Buy Unless You Want To!

THE WINDSOR HANDICRAFTS
Makers of Objects of Handicraft Art
575 Farmington Ave., Hartford, Conn.
I like the sound of the things you're making. Please tell me more about them in your illustrated Portfolio. I'm checking the ones that interest me.

Flower Holders	Cigarette jars
Lebanon Bowl	Devon\$3.00
Pendant ...\$4.25	Sharon Bud Vase\$2.75
Sharon Bud Vase	Pendant ...\$3.75
Pendant ...\$3.75	Saybrook\$2.50
Hebron Bowl	
Pendant ...\$4.25	
Goshen Bowl \$4.25	
	Miscellaneous
Candlesticks	Side table set \$6.50
Mansfield, 6" \$4.00	Picture frames \$2.50
Ellington ...\$4.25	Table Urns
Stratford, 5" \$1.00	(pr)\$5.00
Durham, 5" ..\$3.50	Brackets\$.50
Suffield, 3" ..\$3.50	
Lyme, 4 1/2" ..\$3.50	
Enfield, 6 1/2" ..\$1.00	Incense Burners
Granby, 9" ..\$5.00	\$2.50 to \$3.50

Name

Street

City

State

Some Hints on the Care of Lawn

(Continued from page 148)

in a natural way and with sufficient moisture in the soil.

It cannot be urged too strongly that the lawn area be prepared well. A fine showing can be made on a thin coating of topsoil, but it will last only until the roots find that there is insufficient nourishment underneath. It is far better to make the initial expense of providing seven or eight inches of good topsoil and obtain a lawn with the real value of permanence. And it is not only necessary that the top eight inches should be composed of good soil. The subsoil, if it is at all inclined to be stiff, should be well broken up with plow or spade, so that there may be adequate drainage.

There are many good fertilizers with which to enrich the topsoil, but none of them have the substantial, humus-providing qualities of well rotted cow manure. Most of the prepared manures, while they are neat in their application and so effective that they should be used to a certain extent, as well as other kinds of prepared fertilizers, are comparatively temporary in the effect they have on the new lawn. If well rotted cow manure is dug thoroughly into the soil, some of the quick acting fertilizers might be used with it to give the grass a sudden start.

A splendid mixture of grass seed for the average lawn is one composed of sixteen parts of Kentucky blue grass, four parts of re-cleaned redtop and one part of white clover. Eventually the blue grass will predominate, forcing out the other varieties; but it matures more slowly and needs the early assistance of the rapid and thick growing redtop and clover. One pound of this mixture should be sown to every three hundred square feet of lawn surface. It should be sown heavily to get a thick crop of grass. The best results are obtained when the grass seed is sown on a still day when the fine seed will fall evenly. The ground should be fairly cool and rather moist. Probably the best method of sowing is to broadcast the seed by hand, swinging the arm low and going over the area twice, in two directions at right angles to each other. After the sowing the seeded surface should be raked over very lightly and then rolled well. It should be watered often and thoroughly. After it has grown sufficiently tall and thick frequent mowings should be commenced.

In almost every early spring there is some sodding to be done. Path edgings in a newly made garden, a bald spot in the lawn from where a tree or shrub has been removed, or broad areas which must be surfaced quickly—are all cases where sodding is a more satisfactory procedure than seeding. While sodding is a practice as old as gardening itself, it is not always correctly done and disappointments are frequent; so the restatement of the simple but rigid rules is apt to come not amiss.

The first thing is to prepare the ground for the reception of the sod. The soil should be deep, well drained, and, at the surface, very finely pulverized. If it cannot be particularly deep or especially well drained it must still be raked and fined perfectly on top; for this is where the fine, tender rootlets of the sod make their contacts with the new ground. If this surface is hard or lumpy the roots will have considerable difficulty getting a start and the new grass will be correspondingly un-

even in its development. This surface should be slightly moist but not wet enough to form a damp crust.

The next step is to choose sods of cutting which is growing upon ground uninfested by stones. It should naturally be grass of good quality. It should be mowed closely and sprinkled before it is cut into strips. The mowing is necessary because the roots will inevitably become at least slightly damaged and a balance between the upper and lower parts of the grass plant must be maintained. A line should be marked along which the sod should be cut with a grass-edger or path-trimmer. The strips of sod should be cut to a width of one foot, and the most convenient length has been found to be about three feet.

After the strips have been cut, a man will lift the sod by inserting a sharp spade between the sod and the ground and by working the spade from side to side. He will take care to cut below the roots. As he cuts the sod loose with the spade, another man rolls the strip compactly. If the freshly cut sod is not put in place immediately it should be sprinkled and protected from the sun and wind. It is wise, however, to see that it gets put down within a few hours.

When the strips of sod are laid they should be set tightly against each other. The soil underneath should be even wherever the sod is so thick or thin that it might produce an unsmooth surface. All cracks or breaks should be filled by sifting in finely pulverized top soil.

After the sod has been put in place it should be sprinkled thoroughly and tamped well. Care should be taken to avoid loosening the sod during tamping. Mowing, tamping and sprinkling must be kept up continually until it has become established.

The bane of the lawn's existence consists, more than anything else, in the matter of weeds. Nothing else can be quite so troublesome and, if neglected, so devastating. Fortunately, most of the objectionable weeds on lawns are annuals and they may be removed the course of a single season by preventing them from going to seed. This is where mowing becomes particularly beneficial. On the other hand there are perennial weeds, like thistles, dandelions and docks which, to be eradicated, must be entirely removed—the last tiny rootlet. If only part of the roots are pulled up the rest will thrive underground, spread, and become in the end more troublesome than the original plant. A drop or two of gasoline can be almost as effective as a well handled knife.

The lawn has other enemies than weeds. Insects manage to make themselves objectionable, and often they are much more difficult to fight than dandelions and crab grass. Angeworms may be destroyed by a spray composed of two gallons of boiling water in which one pound of ordinary salt has been dissolved and to which one pound of corrosive sublimate has been added. This mixture should be diluted in four gallons of water which will make a stock solution that may be kept in a convenient barrel. The actual spray is made by putting one pint of this stock solution in sixteen gallons of water. Spraying the lawn until it is white with a spray made by dissolving ten pounds of arsenate of lead in fifty gallons of water, army worms may be destroyed.

WATER WATER
WATER WATER
WATER WATER WATER
WATER WATER WATER



9 times out of 10
—when you say "Water"
you mean "Hot Water"

A modern home without the convenience of running water is simply unthinkable.

And yet when you consider that nine out of ten ordinary household tasks call, not just for water, but for hot water, you realize that an adequate hot water supply is the true convenience. It is absolutely indispensable to the proper running of a home.

HUMPHREY

AUTOMATIC GAS WATER HEATERS

Time Payment Plan
Any Gas Company, Gas Appliance or Plumbing dealer will gladly explain how you can buy a Humphrey Heater on convenient monthly payments

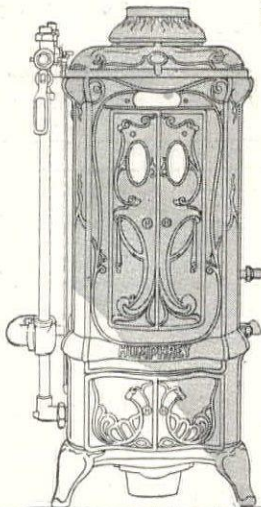
can be depended upon to give you an abundant supply of hot water at all times. A supply sufficient to meet the countless needs that arise in every household every day of the year. Humphrey supremacy among water heating devices is due to these qualities:

- 1. Convenience.** For hot water anywhere in the house any time of the day or night, simply turn a faucet. It comes instantly and runs as long as you want.
- 2. Reliability.** Exclusive Humphrey patented perfections insure complete freedom from costly breakdowns and guarantee longer usefulness by many years.
- 3. Economy.** The cost of Humphrey hot water service is less than that of any other heating method known.

If this is the hot water service you want in your home buy a Humphrey Automatic Heater and you will be more than satisfied. In fact we guarantee that.

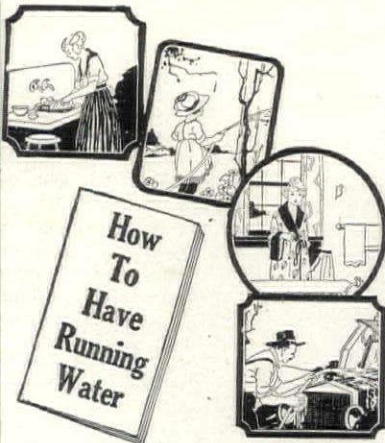
"Humphrey Hot Water Service" is a booklet that will help you find what you have been looking for. Mail the attached coupon today.

HUMPHREY COMPANY
Kalamazoo, Michigan
(Div. Ruud Mfg. Co.)
"BE SURE IT'S A HUMPHREY"



HUMPHREY COMPANY, Kalamazoo, Michigan
Please send me a copy of your booklet, "Humphrey Hot Water Service," without obligation.

Name _____
Address _____



How To Have Running Water

HOOSIER Water Service

The Same Advantages As City Water Supply But An Individual System That Fits Your Needs.

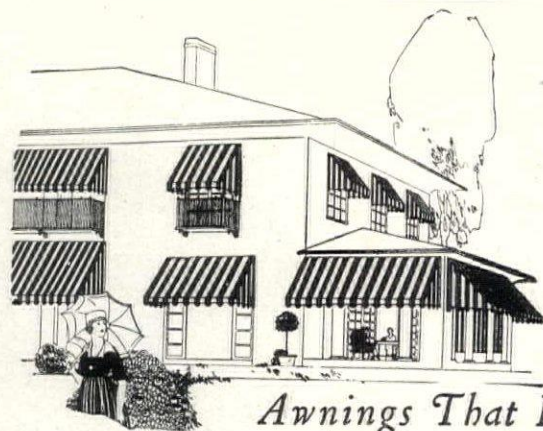
Whether country estate, suburban bungalow, or summer cottage, the priceless advantages of running water can be had with the installation of Hoosier equipment. Water can be piped to kitchen, laundry and bath. It can be made available for lawn and garden sprinkling and for fire protection. It can be piped to garage and barns—anywhere its convenience is wanted—for instant use at the turn of a faucet.

FREE BOOK

"How to Have Running Water Under Pressure"

Is yours for the asking and you put yourself under no obligation. Shows how you can turn your present water supply—deep or shallow well, cistern or lake—into a supply of running water under pressure. Uses the power you have available—electricity, gasoline engine, wind-mill or hand. Easy to install—economical to operate. Get particulars. Send for a copy. Write today.

FLINT & WALLING MFG. CO.
Dept. D Kendallville, Indiana



Awnings That Last

—in stock sizes—ready to be put up

NO awnings wear like DUBAN AWNINGS. And they have a style that is different from other awnings—a style that is good and correct. You can buy them in sizes that fit perfectly any window, door or porch—all ready to be put up.

DUBAN AWNINGS are made from patterns with individualism—that harmonize perfectly with the architectural style of the house. They fit as awnings should fit; and their colorings are pleasing and lasting.

DUBAN AWNINGS are made from canvas of an extra fine quality, stitched with strong thread, and mounted on rust-proof, galvanized iron frames of the highest quality. They last many seasons and show their high quality to the end.

Dealers in many sections of the United States can supply you with DUBAN AWNINGS all ready to be put up. If they are not obtainable in your locality, write to us. Catalogue, samples of canvas and prices gladly sent on request.

Look for the name DUBAN on the Awning

DEALERS WANTED where DUBAN AWNINGS are not being sold

The DUBAN SHADE CORPORATION
170 South Avenue, Rochester, N.Y., U.S.A.

DUBAN Awnings

for houses, porches, apartments, office buildings, factories, etc.

DO YOU KNOW?

How to stencil designs on a wall?

How to prepare an exterior wooden surface for painting?

How to apply enamel?

When to use stain?

What colors are successful in large areas?



The beauty of your home depends in large measure upon the way it is painted. The success or failure of a paint job, whether performed by a professional or amateur painter, is often determined by the knowl-

edge and intelligent directions of the house owner. The Sherwin-Williams Home Painting Manual will be sent to any address on receipt of fifty cents (sixty-five cents in Canada). It is a complete handbook on house painting and decorating and contains full information about paints and varnishes and their application. It contains 168 pages with many illustrations, including 27 pages of full color.

Address Department B-435

THE SHERWIN-WILLIAMS CO.
651 Canal Road, N. W., Cleveland, Ohio



Frederick Trebold,
Residence
Kew Gardens, L.I.



Walter McQuade
Architect

The character of a home may often be judged by its roof. A roof should not only be in pleasing harmony with the architectural requirements of the building, but also possess everlasting qualities. Tudor Stone is enduring rock—the chosen roofing for many of our finest residences.

We would be glad to send you our new booklet.

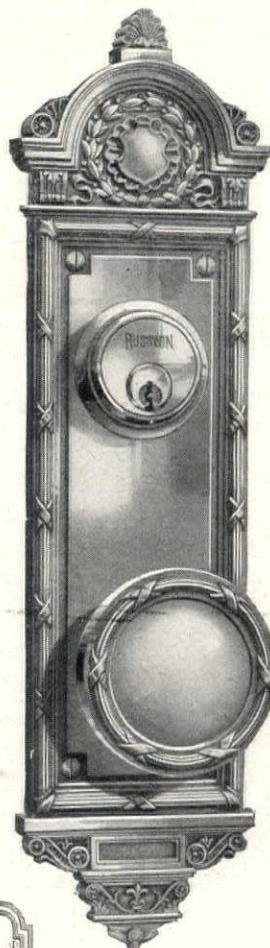
Rising and Nelson Slate Company

Quarries and Main Office: West Pawlet, Vermont
Architects' Service Department, 101 Park Avenue, New York
CHICAGO PHILADELPHIA BOSTON

Since 1839

RUSSWIN

DISTINCTIVE HARDWARE



THE ornate "Vignola" design, period of Louis XVI, illustrated above, is exemplified in the restrained "Sterling" pattern, appropriate for any home, as shown in the smaller design.

RUSSWIN stands for Art and Quality—like the hallmark on Silver. It is your guarantee of satisfaction in Builders Hardware.

In palatial mansion or suburban home, good taste dictates that the appointments of doors and windows should harmonize with the character of the architecture.

—and in every piece of Russwin Hardware you see the work of artist-designers and master-craftsmen. In every delicate tracing, in each element of line and form, there is beauty founded on classic proportion and good taste in design.

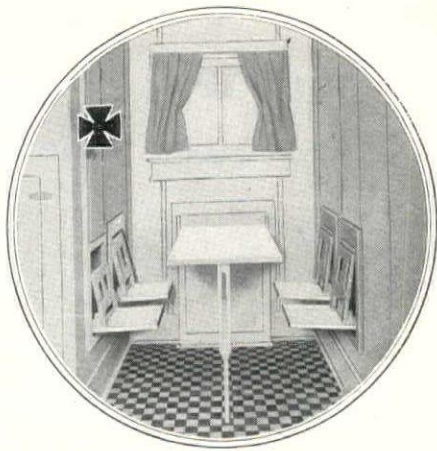
And the lasting beauty and good taste of Russwin Hardware are but the outward expression of mechanical perfection, enduring finish and trouble-free service.

"To Russwin-ize is to Economize"

Russell & Erwin Mfg. Co.
The American Hardware Corp., Suc.
New Britain, Connecticut
New York San Francisco Chicago
London

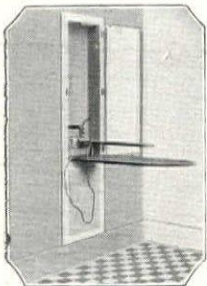


FROM the NEW YORK FLOWER SHOW

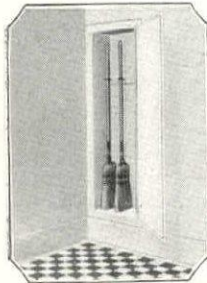


✠ Marks the Point

where the ironing board disappeared



This ironing board unfolds from the wall

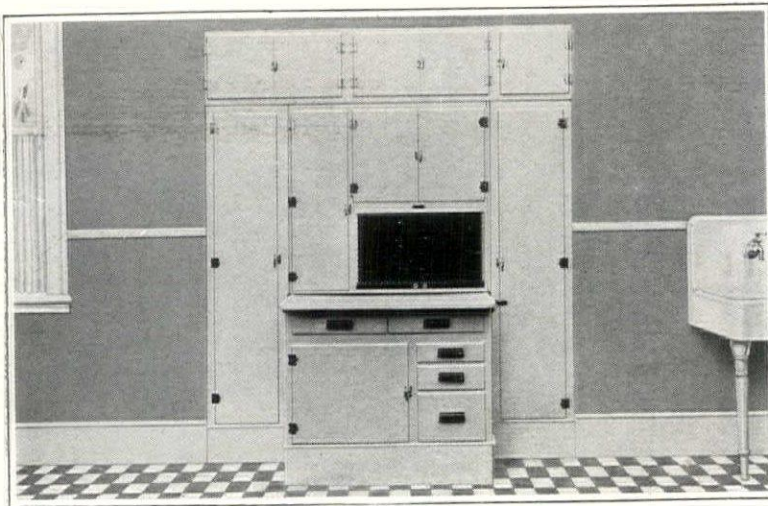


A handy closet for brooms

Why have an ironing board in the way when you are not using it? Why have a broom, or a breakfast nook, taking up space except when actually in use?

You can get built-in units which keep everything out of the way—and yet convenient. The “disappearing” ironing board, the “Pulmanook” with seats and table, which folds into the walls, the broom closet, and other handy new kitchen unit equipment are described in the folder which we have ready for you. Send for it—it will show you how to build a new kitchen more economically—or to make any kitchen more delightful.

WASMUTH-ENDICOTT COMPANY
205 Snowden St., Andrews, Indiana



“Combination IX”
Includes the Kitchen Maid cabinet, broom closet and generous shelf for dishes, linens and staple foods.



Almost everything you keep in your kitchen can be kept in this convenient unit, occupying less than one wall.

KITCHEN MAID

STANDARD UNIT SYSTEMS



Evans

This splendidly planted rose garden was the exhibit of the Cromwell Gardens at the Tenth International Flower Show held in March at Grand Central Palace



The Silver Medal rock garden of the Julius Roehrs Co., paved and pooled, was effectively massed with deciduous and broad-leaved evergreen shrubs



The wild garden of F. R. Pierson, which won and deserved its Gold Medal, was a stunning bit of informal design, with its lily padded pool and blooming shrubs



For the New Home

Take your dishes off the table—put them in the sink—press the button—they're washed! Even doilies, napkins and small articles of clothing are washed with equal ease in Sani In-the-Sink Electric Dishwasher.

Sani In-the-Sink is a neat, efficient, and now-a-days essential part of the kitchen equipment. It is the solution for all of your dishwashing problems—a perfected dishwasher built right in the sink itself.

Just the thing for any home, old or new. And it costs no more to install than an ordinary, old-fashioned sink.

Write for the free Illustrated Booklet that tells all about how Sani helps you wash the dishes.

Chicago Hardware Foundry Co.

Sani Sink Dishwasher Division

Dept. 14, 209 W. Randolph St., Chicago, Ill.

No Bathroom is complete Without a

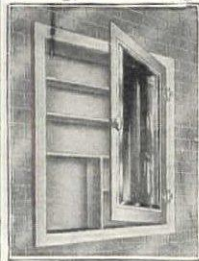
Hess White Steel Medicine Cabinet or Lavatory Mirror

Coated inside and out with the best grade of SNOW WHITE baked enamel.

This mark



Guarantees it everlastingly against cracking, blistering or flaking.



Your money back if you are not pleased. Five sizes — three styles. If your dealer is not yet supplied, write us direct.

HESS WARMING & VENTILATING CO. 1223 Tacoma Bldg. Chicago

Makers of HESS WELDED STEEL FURNACES.



NONIK
TRADE-MARK
REG. U.S. PAT. OFFICE

Beautiful Glassware that resists Breakage!

SERVE your summer beverages in Nonik Ice Tea, Lemonade or Water Sets. Made in many styles, colors and decorations. The graceful outward curve near the top of each Nonik glass (a patented feature) absorbs shocks and greatly minimizes chipping. There are styles of Nonik glass available for your home in scores of beautiful designs.

IMPORTANT

Send for our descriptive Nonik folder. Please mention name of store where you trade.

The Nonik Glassware Corporation

Mohawk Bldg., 5th Ave. and 21st St.,

New York

One of the new and exclusive Nonik Ice Tea Sets. Beautiful and economical. Read why.

Copyright, 1922



The Bulge Protects The Edge

Preferred wherever good taste prevails

IT might safely be said that the use of a Jewett Refrigerator is just as much an example of good taste as the possession of a fine rug or a beautiful old tapestry—for good taste to be genuine must extend beyond the obvious. Thus it is that so many of the finest homes everywhere are equipped with Jewett Refrigerators.

People who appreciate better than ordinary things rejoice in the Jewett food and ice compartments of glistening white porcelain 1 1/4" thick—solid, seamless, entirely free from unsanitary dirt collecting corners and crevices and unlike porcelain enamel, free from chipping and cracking. They place high value on the Jewett safe-like walls over 5" thick, heavily insulated with pure cork and the perfectly fitted doors.

But these are only the most obvious of the many points of Jewett superiority. Our new finely illustrated catalog covers them all. We will gladly mail it to you on request.

The Jewett Refrigerator Company
Established 1849

123 Chandler Street, Buffalo, N.Y.

Branch Offices: New York, Boston, Chicago, Cleveland, Los Angeles, Montreal

Note the strong 1 1/4 inch solid porcelain walls and rounded corners of Jewett interior.

JEWETT

The Only Solid Porcelain Refrigerator

57

HEINZ COOKED MACARONI

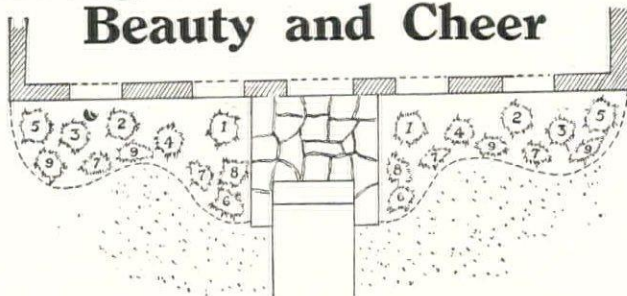
with Cheese and Mushroom Sauce

HEINZ has developed a new delicious, prepared food—ready to heat and serve. A durum-wheat macaroni made by Heinz, cooked with a specially imported cheese and an appetizing mushroom sauce—a wonderful combination of food and flavor. You can serve it every day and for your best occasions. Try it; your grocer will refund purchase price if it fails to please you.

From the New York Flower Show



Evergreens for All-Year Beauty and Cheer



EVERGREENS are the chief reliance of the country home dweller who aims to have his place cosy and inviting all the year round. Evergreens seem to make special efforts to look their brightest and cheeriest when everything else is bare.

Suitable for Foundation Planting

2 Juniperus virginiana, 3 to 4 ft. ..@	\$5.00....	\$10.00
2 Siberian Arborvitae, 2 ft.@	4.50....	9.00
2 Retinispora squarrosa sulphurea 2 ft.@	5.00....	10.00
2 Retinispora squarrosa Veitchii, 2 ft.@	5.00....	10.00
2 Juniperus excelsa, 1½ ft.@	4.00....	8.00
2 Pinus mughus, 1½ ft.@	4.00....	8.00
4 Juniperus communis, 2 ft. spread @	3.50....	14.00
2 Juniperus pfitzeriana, 1½ to 2 ft. @	4.00....	8.00
4 Juniperus Sabina, 1½ ft.@	2.75....	11.00
22 plants		\$88.00

This Entire Foundation Planting for \$75
One-half This Planting for \$40

Desirable Evergreens for Specimens or Groupings

HEMLOCK (*Tsuga canadensis*). Beautiful either as a specimen or in masses. 3 to 4 ft. \$5.50 each; specimens \$6 to \$25.
KOSTER'S BLUE SPRUCE (*Picea pungens glauca Kosteri*). Makes a beautiful contrast in plantings of hemlock, arborvitae, and yew. 2½ ft. \$9; 3½ ft. \$12 each; 4 ft. \$14 each; 4½ ft. \$16 each.

SIBERIAN ARBORVITAE (*Thuja sibirica*). Compact growing; dark green foliage mottled light green. 2 feet, \$4.50 each.

AUSTRIAN PINE (*Pinus austriaca*). Valuable where smoke or dust injures other evergreens. 3 to 4 feet, \$6.50 each.

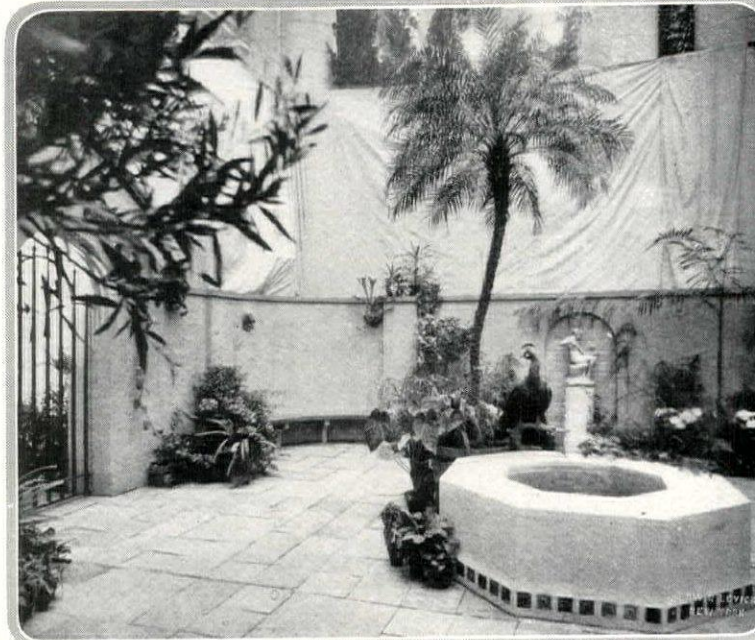
Order direct from this advertisement, or send for illustrated folder describing these and other collections. For general nursery stock ask for our complete catalog.

Outpost Nurseries

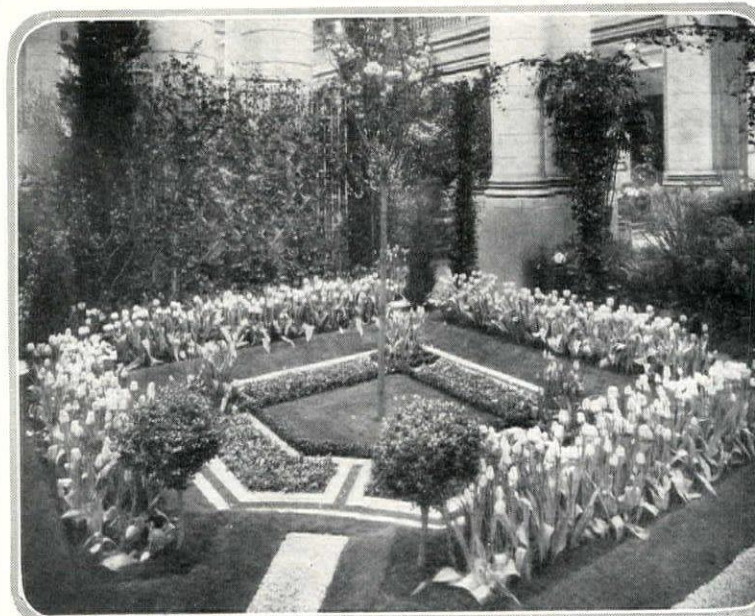
DANBURY ROAD, RIDGEFIELD, CONN.



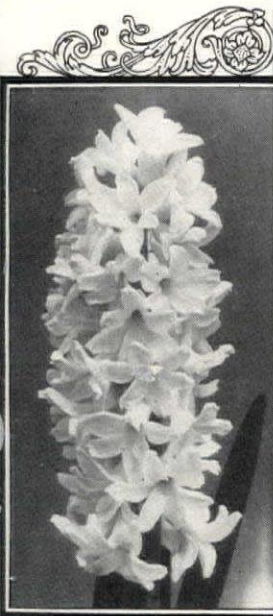
Another gold medal garden at the Flower Show was the formal one of John Scheepers, Inc., the largest exhibit, containing a great array of tulips



A garden done in the Moorish manner was exhibited by the Julius Roehrs Co., and was awarded the Garden Club of America's gold medal



A section of the Scheepers garden shows the fine display of tulips surrounding formal beds of pansies, in the center of which stands a double flowering crab



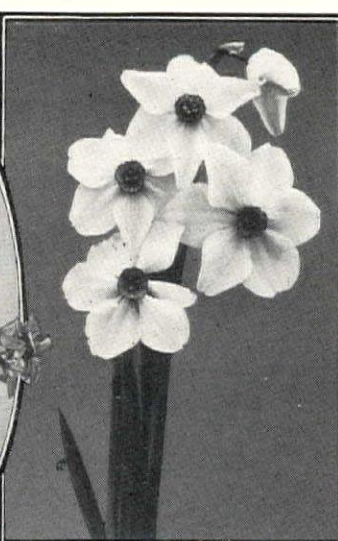
Hyacinths, LaGrandesse, Pure White
\$2 Per Dozen; \$15 Per 100



Narcissi, Sulphur Phoenix, Yellow and White
85c Per Dozen; \$6 Per 100



Tulips, Crown of Gold, Yellow
75c Per Dozen; \$5.50 Per 100



Narcissi, Poeticus Ornatus, White
60c Per Dozen; \$4 Per 100



Tulips, Keizerkroon, Red and Yellow
75c Per Dozen; \$5.50 Per 100

Grow Flowers Like These In Your Home or Garden!

YOU can not see these Dutch bulbs in bloom without feeling a bit of Springtime in your heart. At small cost and practically no effort, all Winter long you can have pink and blue Hyacinths for your dining room table, gorgeous red Tulips to brighten up your library and Narcissi to splash odd corners with color. In the Spring these flowers will gaily bedeck your lawn and add loveliness to the beds and borders of your garden. You will be both surprised and delighted with the wonderful effects you can create.

They Come From Holland

the homeland of Tulips, Hyacinths, Daffodils and Crocus. Nowhere else in the world can you obtain the equal of these specially selected Dutch bulbs. Generations of expert breeding have been put into their perfection.



No Experience Needed

All you need to grow these bulbs successfully is a natural love of flowers. With Elliott bulbs, success is virtually assured. For a few cents each you can grow flowers which would cost you \$1 or more a plant at a retail shop. Our bulb business is one of the largest in the world. The house of Elliott is one of the oldest in the country. No money necessary until bulbs are delivered. Money back if shipment is unsatisfactory. Full instructions with every order.

Take Part In Our July 1 Order

To obtain our special import prices listed in catalog and the following exceptional Combination Offers, all orders must be in by July 1, when our books close and our personal representative goes to Holland to make selections from the bulbs of the most famous growers there. Because of our extensive business, our prices are most attractive and our selection of bulbs the choicest.

A FEW SPECIAL PRICES

If Ordered Before July 1st

Exhibition Hyacinths		Doz.	Hund.
La Grandesse	Pure White	2.00	\$15.00
Grande Blanche	Blush White	2.00	15.00
La Victoire	Brilliant Red	2.00	15.00
Rosea Maxima	Delicate Blush	2.20	16.00
Enchantress	Light Blue	2.00	15.00
City of Haarlem	Best Yellow	2.20	16.00
Second sized Hyacinths in all best varieties		1.60	12.00
Miniature Hyacinths in separate colors		.75	5.50
Tulips			
Mon Tresor	Yellow	.75	5.50
Cramoisi Brilliant	Scarlet	.70	5.00
Lady Boreel	Pure White	.75	5.50
Keizerkroon	Red & Yellow	.75	5.50
Rose Grisdelin	Beautiful Pink	.70	5.00
Narcissi or Daffodils			
Paper White	Monster Sizes	.90	6.50
GoldenSpurSelect	Rich Yellow	.90	6.50
Emperor	Monster Yellow	1.10	8.00
Empress	Sizes White & Yellow	1.10	8.00
Von Sion Selected	Double Yellow	.80	5.50
Poeticus Ornatus	White	.60	4.00
Sulphur Phoenix	Yellow & White	.85	6.00

Catalog Lists Many Other Varieties

Special Combination Offers

Offer A—\$5 Household Selection

80 imported Dutch bulbs of the finest quality—Tulips, Narcissi and Hyacinths unequalled in hardiness and beauty; scientifically selected by experts for growth indoors. At small cost you can fill your house with gorgeous color from Christmas to Easter.

Offer B—\$5 Garden Selection

A careful selection of 80 of the world's choicest Dutch bulbs—Tulips, Hyacinths, Narcissi and Crocus so exquisitely perfect that when they bloom in your garden next Spring they will be an unending delight to you and your neighbors.

Prices for larger quantities and wider varieties range from \$10 to \$100.

Fascinating Bulb Catalog Free

It lists thousands of varieties, many reproduced in natural colors, and gives full instructions how to obtain the best results. For Catalog or Special Combination Offers, write or use the coupon. No money needed now.

ELLIOTT NURSERY CO.

513 Magee Bldg. ESTABLISHED 35 YEARS Pittsburgh, Pa.

Our bulb business is one of the largest in the world.

What Customers Say

"I want to thank you for the most magnificent lot of flowers that ever graced my home in Winter months. They were admired by every one who saw them. Nearly every bulb sent up a magnificent flower, then one or even two smaller blooms; they were wonderful."—J.A.G., Huntington, W.Va.

"I feel duty bound to tell you about my Tulip bulbs. They have surpassed my expectations in every way. The colors are marvelous."—M.H.Y., Greenwich, Ct.

"The Tulips which I got from you were the most beautiful I have ever seen. I had bulbs from three different firms and your bulbs were twice the size and beauty of any of the others. Three of your Tulips grew 36 inches tall."—Mrs. G.D., Bristol, Va.

"I planted twelve white Narcissi bulbs in a bowl Oct. 28th and on Thanksgiving Day eight of the fourteen clusters of blossoms were open, with six more to come. They are in their glory now (Dec. 1), standing 24 inches above the top of the bowl, filling the air with their fragrance."—Mrs. W.G.F., Marshfield, Mass.

Elliott Nursery Co.

Established 35 Years

513 Magee Bldg. Pittsburgh, Pa.

Please put me down for Offer A; Offer B of Imported Dutch Bulbs.

Please send me your new Bulb Catalog.

Name.....

St. and No. or R. D.....

City..... State.....

From the New York Flower Show



A new kind of Sprinkler puts

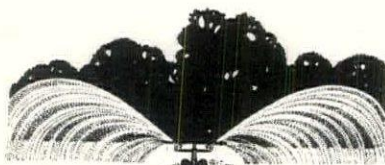


Covers circle any size up to 85 ft. in diameter, farther than any other sprinkler

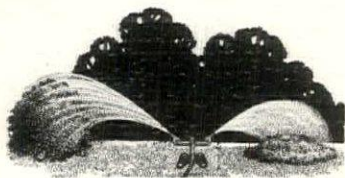
Both nozzles can be directed on one spot, with any kind of stream. Ideal for shrubs, etc.



water



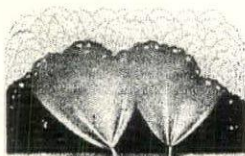
Both nozzles can be adjusted to water any long strip besides walks or curb, without "slopping over"



Or in one operation you can spray the flowers and give the shrubs a good soaking

where

And for corners and odd shaped places, you can use both nozzles with fine spray.



you

want it

NOW, with Rain King—the new wonder sprinkler—you can water any lawn, large or small, easier, quicker and better. Rain King is better than the best revolving sprinkler. It throws water farther on a lower pressure. The stream can be regulated. It is better than the best stationary sprinkler. It puts water anywhere you want it! It is better than the best hose nozzle for it throws water—either coarse or fine or both—in any two different directions at one time!

Rain King is more than a combination of them all. It does things none of them can do and more than all combined. A simple turn of the set screw

makes it instantly either whirling or stationary. Rain King is a sturdy double-barreled affair, machined with watch-like precision. Yet it is so simple any child can run it. Made of solid brass wherever corrosion might injure it and is fully guaranteed. \$3.50 at your dealer's or sent direct for the same price, with postage prepaid.

Descriptive folder mailed free on request.

CHICAGO FLEXIBLE SHAFT COMPANY, Roosevelt Road, Chicago, Ill.

33 years making quality products

Rain King

The Best Sprinkler Made



Another view of the Scheepers exhibit shows, beyond the central fountain, the bronze figure against its background of cedars, the vine covered lattice and rose arches



The first prize winner among the private growers, the exhibit of William Boyce Thompson of Yonkers, N.Y., Andrew Strachan, gardener, was a riot of bloom



The Bobbink & Atkins exhibit, a gold medal winner, contained a temple d'amour that was massed about with acacias, roses, lilacs and flowering peaches

Dreer's "Peerless" Dozen Cannas

The Peerless Dozen offered below is just what the name implies. It is unequalled by any other combination of twelve varieties for intrinsic worth and effectiveness. Each variety stands prominent in its color, and all are healthy, vigorous growers and free bloomers. All have green foliage unless otherwise specified.

CHEERFULNESS. Bright deep orange, broadly bordered golden-yellow; 3½ ft.

CITY OF PORTLAND. Bright rosy-pink, very free; 3½ ft. 35c each; \$3.50 per doz; \$25.00 per 100.

EUREKA. The best white, large substantial flowers; 4½ ft.

GOLDEN EAGLE. A grand clear golden-yellow; 4 ft. 50c each; \$5.00 per doz; \$35.00 per 100.

HARMONY. Large geranium red, bronze foliage; 3½ ft. 35c each; \$3.50 per doz; \$25.00 per 100.

METEOR. Magnificent deep red; 5 ft.

SURPRISE. The brightest red in cultivation; 4½ ft.

MRS. ALFRED CONARD. Large, exquisite salmon-pink, one of the finest Cannas grown; 4 ft. 35c each; \$3.50 per doz; \$25.00 per 100.

ORANGE BEDDER. Wonderful bright orange with scarlet infusion; 4½ ft.

SURPASSE REVERCHON. Large bright cochineal-red with light bronze foliage; 4½ ft. 35c each; \$3.50 per doz; \$25.00 per 100.

THE GEM. Straw-yellow dotted crimson; 4½ ft. 35c each; \$3.50 per doz; \$25.00 per 100.

THE PRESIDENT. The greatest red bedder, very large brilliant flowers; 5 ft.

All the above are supplied in strong pot plants that will begin to flower early in the season.

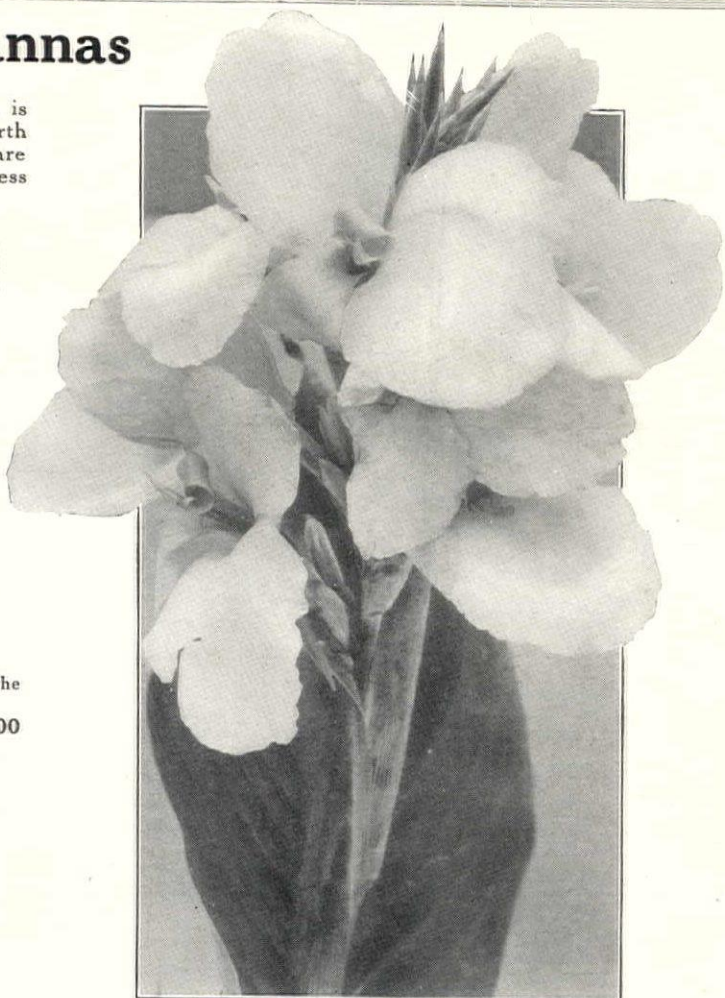
Price except where otherwise noted, 25c each; \$2.50 per doz; \$15.00 per 100

Dreer's Garden Book for 1923

Describes many other choice varieties of Cannas, including some splendid novelties. It also offers all the worth while new and standard varieties of roses, especially prepared stock for out-door planting, as well as a full line of Dahlias, Gladioli, Hardy Perennials, Hardy Shrubs and Vines, Water Lilies, etc. Flower and Vegetable Seeds; Lawn Grass and Agricultural Seeds, Garden Requisites, etc. Illustrated with eight color plates and hundreds of photo-engravings, it is a valuable reference book of 224 pages and is sent free to anyone mentioning this publication.

HENRY A. DREER

714-716 Chestnut Street,
Philadelphia, Pa.



Large-Flowering Canna, Eureka

A Garden Full of Dahlias for \$3.50



New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the

home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of

12 Dahlia Tubers for \$3.50

—one each of 12 distinct varieties, not labelled, which if purchased separately according to name would cost not less than \$10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past.

Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 25th Anniversary Seed Annual sent on request.

Stump & Walter Co

30-32 Barclay St., H. G. New York City



The Delight of a Perennial Garden

PERENNIALS are dependable for flowers in the garden and as cut flowers for indoor decoration. In endless variety of form, color and fragrance, their flowers are borne in gorgeous profusion from early Spring to Autumn frost. Each year they come up of themselves with an ever increasing luxuriance.

Think of your joy in their cheerful companionship in your own garden. This year have flowers. There is so much sentiment and charm in bouquets you yourself have picked, whether for your own pleasure, or as gifts for friends.

An Opportunity

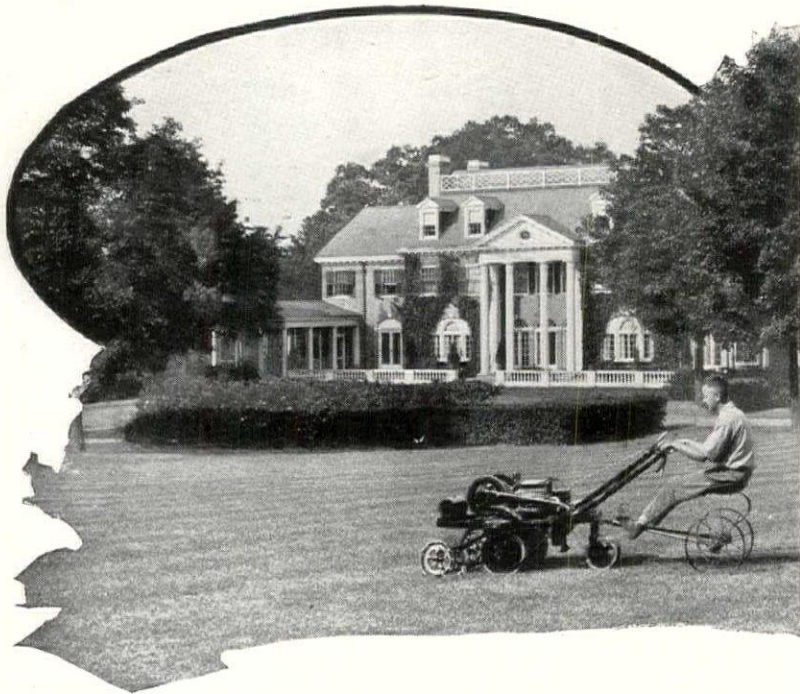
We have a Special Offer of a 20-foot Perennial border with planting plan, for \$12.50. It will bring you the pleasures of an Old-fashioned Garden at a most reasonable cost. Order direct from this advertisement and ask for our complete catalogue H. and Special Offer Folder.

Moons' Nurseries

THE WM. H. MOON CO.

MORRISVILLE PENNSYLVANIA

which is 1 mile from Trenton, N.J.



MAINTENANCE of a park-like lawn need not be a source of great expense, when one man with an Ideal Power Mower can do the work of from three to five with hand mowers.

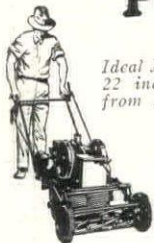
The operator need not be a mechanic. An unskilled laborer can do perfect work. Consider the saving in wages and you will understand why an Ideal Power Mower quickly pays for itself even on lawns of medium size.

Write for prices and illustrated literature

Ideal Power Lawn Mower Company

R. E. Olds, Chairman
 403 Kalamazoo St., Lansing, Michigan
 New York, 13-19 Hudson St., Chicago, 11 E. Harrison St.
 Dealers in all Principal Cities (12)

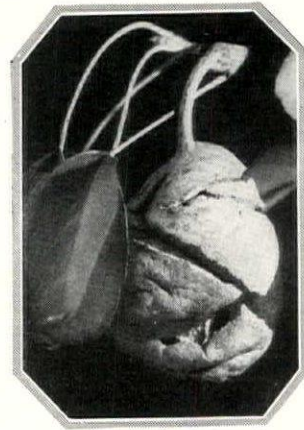
**IDEAL
 Power Lawn Mowers**



Ideal Junior mows a swath 22 inches wide and cuts from 3 to 4 acres a day.



Ideal 30-inch mower cuts a 30-inch swath and mows from 6 to 7 acres a day.



A disease resulting from *Fusicladium pyrenum* causes the pears to harden and split in directions

SPRAYS FOR GARDEN INSECTS

INSECTS and disease continue to menace man's food supply. Millions of dollars are annually lost through these ever encroaching pests. They not only swoop down upon the farmer, but they also worry the backyard agriculturist and the window gardener. The prolificness and variety of form of these two classes are amazing. In fact every imaginable kind of injury can be found.

Of insects, the most common types of pests fall into two classes based upon their food requirements. The biting or gnawing species are those which actually masticate and swallow some portion of the solid substance of the plant as the wood, bark, leaves, flower, or fruit. These are most readily destroyed with poisons which may be safely applied to the leaves or outer part of the plant where they will be swallowed by the insect with its food. The other class are the sucking insects. These gradually injure the plant by reducing its vitality as they extract the juices either from stem, leaf, or fruit. They do not touch the outer part of the plant, but insert a sharp pointed beak thru the outer layer of plant cells into the inner soft succulent tissues. For this type only those substances which will act externally on their bodies as caustics, or which will smother or stifle them by closing

their breathing pores, are effective. In addition both classes can, under certain restricted conditions, be controlled with poisonous fumes.

On the other hand the assembly of disease fungi is enormous. Such destructive parasites depend upon a living plant for food, and number among others, the mildews, rusts, rots, molds, and smuts. In general they can be controlled by spraying.

Humid atmospheric conditions and much rainfall are exceptionally favorable for the growth and spread of diseases. In spraying, the fundamental point is that it is a preventive and not a curative. When a disease is once established it can not usually be eliminated by spraying. To be most effective the fungicide must be applied before infection takes place.

The most important chemicals used

Mycosphaerella fragariae causes the destruction of strawberry leaves



in the checking of diseases are the compounds of copper and sulphur. Copper itself has long since been recognized as a deadly enemy of plant life, traces being sufficient for the complete destruction of algae, tiny microscopic plants, common found in reservoirs and water mains.

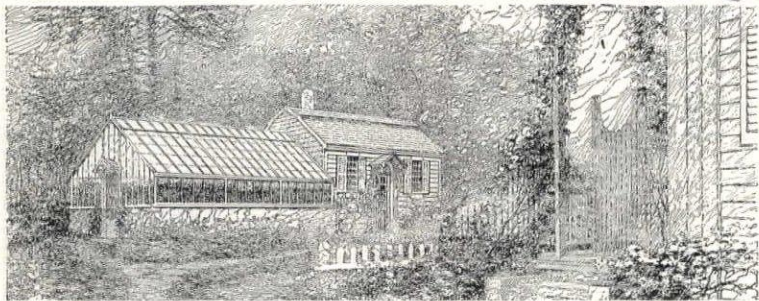
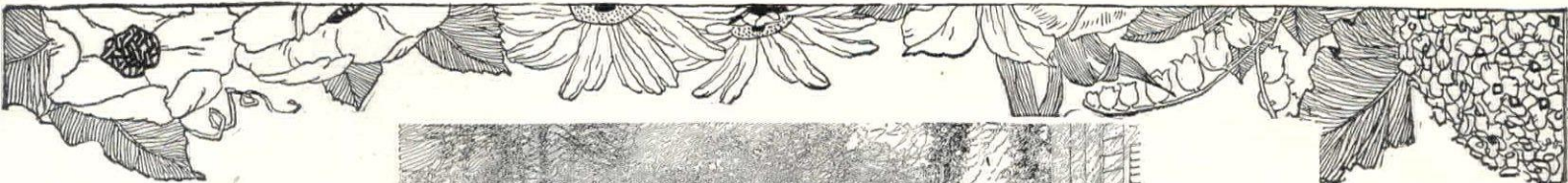
The most well known fungicide is Bordeaux mixture which consists of a solution of copper sulphate with milk of lime. A stock solution is prepared (Cont. on page 17)



The corn smut is one of the most destructive of fungi attacking corn and produces a swollen tumorlike growth



The bean blight attacks all parts of the bean; on the pod it produces spreading, discolored, watery spots



The greenhouse portion is 18 feet wide and 33 long. Just a nice snug little glass garden which holds no end of floral pleasurablements.

The Most Greenhouse For the Least Money

By saying *the least money* we mean the least, consistent with undiminished efficiency and assured attractiveness. Just for identification sake, we call it the Number Two House.

Here is one attached to what was formerly a children's playhouse, and now is a garden tea house with its glass door opening alluringly right into the glass enclosed gar-

den. In this No. 2 Greenhouse with its straight eave, we have simplified all parts of it so that the completed building including the foundation, will cost you from 20 per cent. to 25 per cent. less than our curved eaved one. If that sounds interesting, you may incline to send for a new booklet just published, called "The Most Greenhouse for the Least Money."

Lord & Burnham Co.

Builders of Greenhouses and Conservatories

Eastern Factory: Irvington, N. Y.

Western Factory: Des Plaines, Ill.

Canadian Factory: St. Catharines, Ont.

Irvington, New York

New York 30 E. 42nd St.

Philadelphia Land Title Bldg.

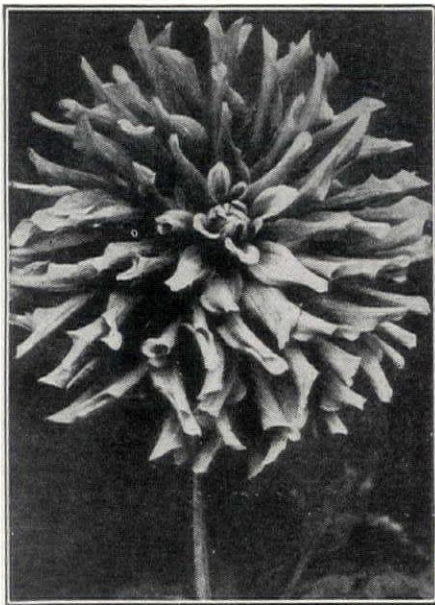
Chicago Little Bldg. Cont. Bank Bldg. Boston—11

Cleveland 407 Ulmer Bldg.

Kansas City Commerce Bldg.

Denver 1247 So. Emerson St.

Toronto Harbor Comm. Bldg



Our Catalog "The World's Best Dahlias"

tells the plain truth about the very best new creations and standard varieties.

Beautifully illustrated. Eight pages in natural colors.

Write to-day for free copy

See natural color reproduction of "BETTY AUSTIN" and 15 other varieties in our new catalog.

New Cactus Dahlia: Betty Austin

The absolutely perfect Cactus Dahlia. Note the splendid form and stem in the illustration. Color—yellow at base of petal, blending to rosy carmine and rose yellow at tip; reflex rose. A most beautiful and distinctive color combination, that makes it a best seller. Early, free and continuous bloomer: always full to the center.

Strong Roots \$5.00 each 3 for \$13.50 6 for \$25.00

Peacock "Means the World's Best" Dahlias

One hundred (100) acres grown in 1923. We are the largest Dahlia Growers in the World. An enviable position made possible only by the appreciation of the Superiority of our stock by satisfied customers.

PEACOCK DAHLIA FARMS, P. O. Berlin, N. J.

CONARD STAR ROSES BLOOM

They are guaranteed to bloom or your money will be refunded.

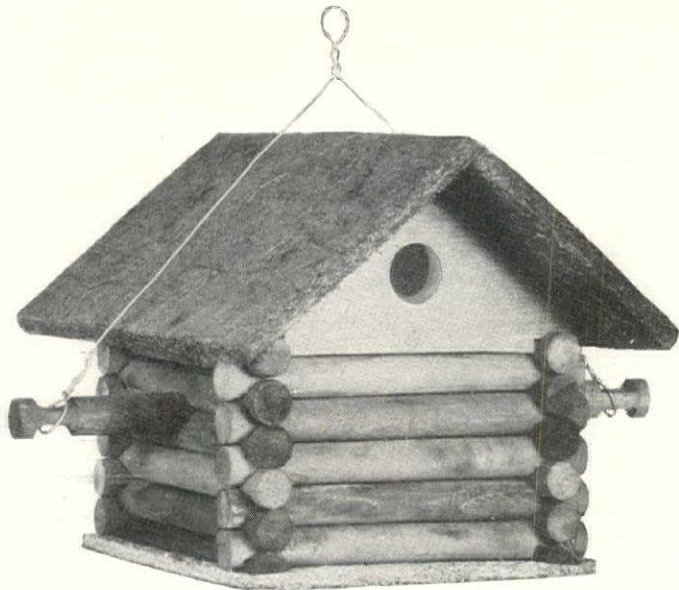
Don't plant just roses, those without a guarantee. They may have had indifferent care in the beginning—improper exposure and careless packing for shipment, any of which may fatally weaken the plant.

Plant Conard Star Roses—the roses that are guaranteed by rose specialists with over 50 years experience. Every rose we ship has been prepared with infinite pains to give you the utmost in rose satisfaction—this through every stage of its development and shipment. We send cultural directions which assure success.

The variety of each Conard Rose is easily told in your garden by a durable celluloid star tag. Conard roses are the only roses in existence with this feature—the only roses guaranteed to bloom.

Send TO-DAY for complete Catalogue showing twelve choice roses in natural colors.

CONARD & Jones Co. Robt. Pyle, Pres. West Grove, Pa. Box 126.



An Amazing Value
This Attractive
Lincoln Wren House
\$1.00

Here is an unusually attractive bird house—that only wrens can use. It looks like a miniature log cabin. It is made of wood, tinted a soft brown color that attracts the wren; and has a substantial, weatherproof wood roof.

The song of the wren is melodious and flutelike—its amusing ways make it a favorite with everyone. It destroys large numbers of obnoxious insects; it never hesitates to attack dogs, cats, swallows, and other birds when they near its habitation. But it is astonishingly friendly to human beings.

The Lincoln Wren House can only be inhabited by the wren—and it is built to especially attract them. In appearance it is the equal of wren houses costing five to seven dollars. And yet because we build in tremendous quantities—and ship *knocked-down*, in a form that any child can quickly put together—we are able to sell this attractive bird house for only \$1.00—prepaid. (West of Denver and Canada \$1.25.)

Here is a real bird house bargain that you should take advantage of!

Attract wrens—they will liberally repay any attention you give them.

Send \$1.00 now for each Lincoln Wren House you want.

Take advantage of this offer today.

If you aren't delighted—money back.

Fill out the coupon below and mail it in now.

Dealers write for special proposition.

LINCOLN WRENHOUSE
 MANUFACTURED BY JOHN LLOYD WRIGHT INC. CHICAGO

John Lloyd Wright, Inc.,
 703 N. Wells St.,
 Chicago.

Print your name and address plainly on this coupon—and mail it in NOW

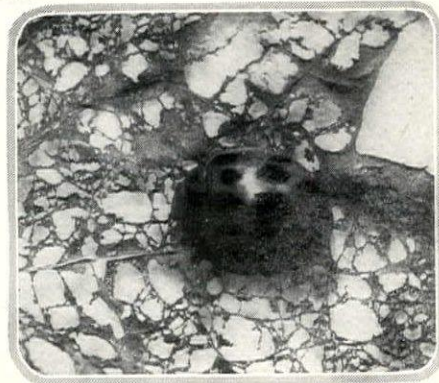
John Lloyd Wright, Inc.,
 703 N. Wells St.,
 Chicago.
 Gentlemen: Please mail at once Lincoln Wren Houses. Enclosed is \$1.00 for each wren house ordered as above shown. It is understood that you will refund this amount if for any reason I am not delighted with the value. Send to

Name

Street

City

State



Most of the ladybird beetles are harmless, even beneficial, but the squash ladybird is an exception to the rule

Sprays For Garden Insects

(Continued from page 166)

pared by dissolving copper sulphate at the rate of one pound to a gallon of water. One pound of stone lime (calcium oxide) is then slaked with one gallon of water, the water being slowly added with constant stirring so that the lime is not "drowned". As soon as a paste is formed the rest of the remaining water is added. These two preparations are kept separated and carefully corked. When required one part of the copper solution is stirred with 40 parts of water. A final addition of one part of lime is then made. When correctly made, the mixture, which must be dark blue in color, consists of a solution and a precipitation. The latter is insoluble basic copper, the former is calcium sulphate. For the more delicate plants an excess of lime is advisable; this does no harm, and may prevent burning. In fact it is always best to test the mixture, which should always be freshly made before use, for free copper. This can easily be done by pouring a few drops of the concentrated solution of potassium ferro cyanide into a glass containing the mixture and if a reddish brown precipitate is formed, it is a sign that more lime must be added.

Another much favored and very effective

fungicide is the lime sulphur solution. It is not only practical but also efficient. One pound of fresh stone lime is slaked with vigorous stirring until one gallon of water has been added. Then add two pounds of flower of sulphur (or finely ground sulphur) and boil the mixture for one hour. Strain out the lumps and dilute every part with 90 parts of water. This fungicide is best sprayed while still warm, and it should only be used before the foliage has appeared or after it has fallen. In the summer when the tree is in its prime, the mixture should be diluted with 40 parts of water. Then it also acts as a contact insecticide.

Contact insecticides, as such, are of very diverse origin. They kill the insect by coming in direct external contact with the animal. But only those are controlled which are more or less tender. As these substances are easily available

and are often of service against sucking insects they have received much prominence.

The most common are the kerosene emulsions, tobacco extract and the above mentioned lime sulphur. The extract of tobacco which is usually a solution of nicotine sulphate, cannot be readily prepared at home. But the kerosene emulsion is practically as efficient.

(Cont. on page 170)



The cucumber beetle is a tiny bug fond of potatoes especially



For the small flower, vegetable or fruit garden the hand-sprayer is an indispensable bit of equipment. With it isolated plants that are affected may easily be reached and thoroughly fumigated

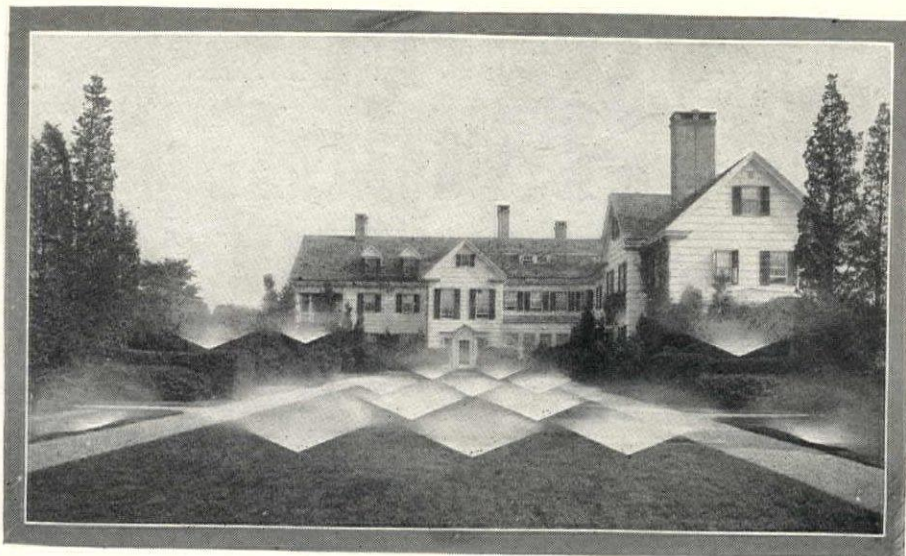
Mark Twain Said:

"A great, great deal has been said about the weather, but very little has ever been done."

If Mr. Clemens had known about the modern Cornell Irrigation Systems for gardens and lawns, his whimsical remark would have lost some of its pointedness.

Nowadays something *is* done about the weather and much of the disappointment attendant with trying to make a garden or lawn grow is a thing of the past. For Cornell systems actually *do* give you rain when and where you want it.

We are prepared to make complete surveys and submit plans and specifications covering the installation of piping systems and pumping units.



The coupon, or a postal or letter will bring a complete descriptive booklet describing the Cornell plan of garden or lawn care, without obligation.

Cornell Systems of Irrigation

W. G. Cornell Company

Plumbing—Heating—Lighting

1 Union Square, New York City

W. G. Cornell
1 Union Square
New York City

Send me today free of charge, your illustrated booklet describing in detail the Cornell System of Irrigation.

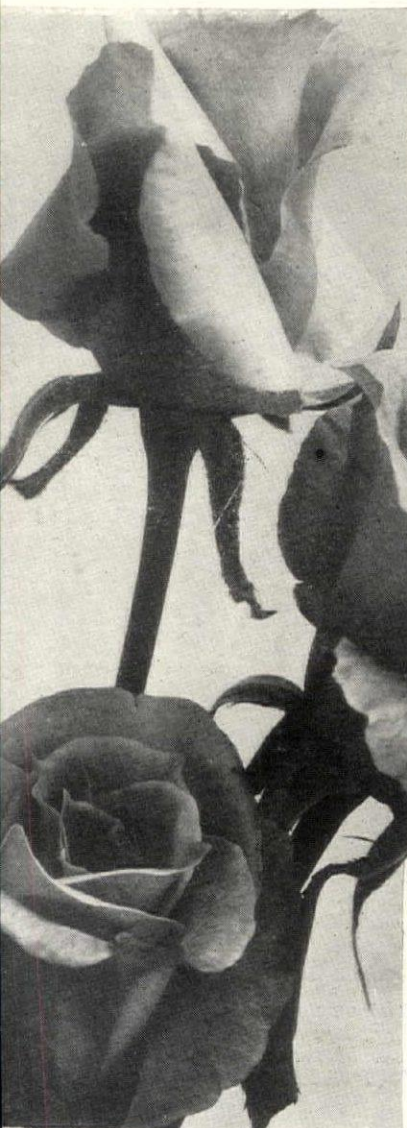
Chicago
Cleveland
Washington
Kansas City

Baltimore
Newark
Boston

Philadelphia
Norfolk
St. Louis

Name

Address



"America"

The Rose of the Century

Sensation of the New York 1923 International Flower Show. Awarded Gold Medal. Color: Absolutely pure rose-pink. The fragrance is unsurpassed. 3 year old, dormant plants, \$2.50 each, \$25.00 a dozen. Immediate delivery.

For May and June delivery we also have pot plants growing in 6" pots. Same prices.


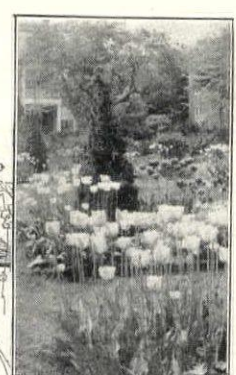
Catalog on request. Mention House & Garden.

**Charles H. Totty
Company**

Headquarters for
Novelty Plants

Madison New Jersey

625 Tulip Bulbs For \$25

25 Darwins of 25 Varieties


625 top size highest quality bulbs in 25 of the finest named varieties of Darwins. Made up especially for us in Holland.

Here is the most possible tulip joy for the money. No one puts out anything like it in value and satisfaction.

Good Until July 25 Only

All orders must be in by July 25th. No orders will be taken for this very special offer after that date.

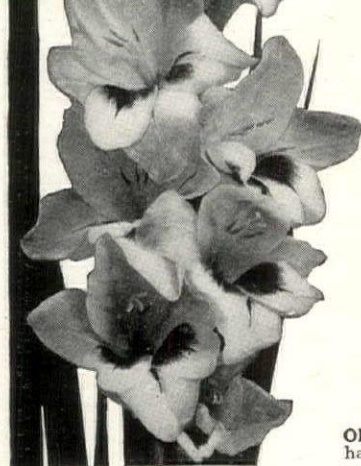
New Ten-Ten Import bulb book now ready with its early ordering price advantages. Send at once for it.



Julius Roehrs Co

At The Sign of The Tree
Box 60 Rutherford N.J.

A Garden Full of Gladioli for \$2.00



The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower—it is as easy to grow as the potato.

Bloom from July to frost if you plant a few bulbs each month from April to July.

For **TWO DOLLARS** we will send **50 Bulbs** of our **Grand Prize Mixture**, which covers every conceivable shade in the Gladiolus Kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Simple cultural directions in package
ORDER YOUR BULBS NOW so as to have them to plant when you begin making your garden.

Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this splendid collection, sent prepaid to any point in the U. S. east of the Mississippi. For points West and Canada add 25c—(\$2.25).

Our 1923 Spring Seed Annual sent on request.

Stump & Walter Co

30-32 Barclay St., H. G. New York City



The asparagus beetle is a quarter of an inch long, and bluish black with green spots



Canker worms are particularly destructive in apple orchards in the Fall

Sprays For Garden Insects

(Continued from page 168)

cient besides being the standard insecticide. The use of kerosene itself applied at the rate of one ounce to 15 square feet of water surface, has proved a very effective means of controlling the mosquito. An insecticide for the control of scale insects can be made by heating two ounces of soap in a pint of water. When dissolved one quart of petroleum is added to the hot solution and the whole shaken or churned until a perfect emulsion is formed. This is then diluted with 9 parts of water. For ordinary insects the solution is diluted with 15 parts of water, and for the control of soft bodied plant lice this spray is diluted with 20 parts of water. The application of the kerosene, or in fact of any oil, should be just sufficient to wet the plant without allowing it to run down and collect in puddles. Unless this precaution is taken the plant may be seriously injured.

The harm done by masticating insects in the various stages of their life cycle to the plant is far more noticeable and often very injurious so that they have to be controlled by food poisons. The most important of these are the arsenical compounds which have supplanted, practically, all other substances. Of these, arsenate of lead and arsenite of lime are much safer to use than the older Paris green. The former is prepared by combining three parts of crystallized arsenate of soda with seven parts of crystallized acetate of lead in water. These substances, when pulverized, readily unite and form a white precipitate of lead arsenate which is kept more easily in suspension in water than any other poison. It can be used without injury to the foliage of even the

most delicate plant at a strength varying from one to five ounces of combined weight to two gallons water.

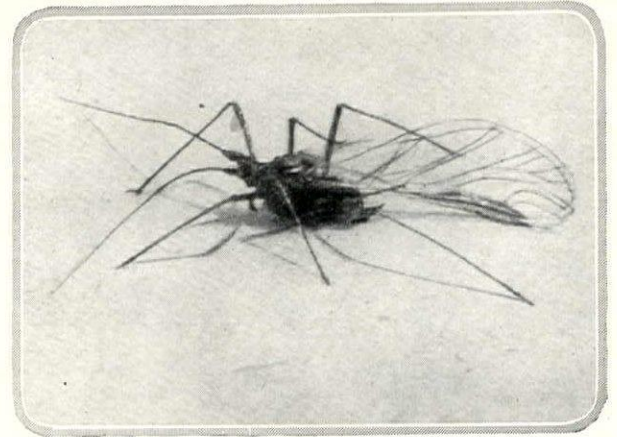
The arsenite of lime is prepared first boiling one ounce of white arsenic with four ounces of sodium carbonate in half a pint of water for 20 minutes or until dissolved. One ounce of stock solution, which will keep indefinitely, is poured into 8½ gallons of water in which has been previously mixed three ounces of freshly slaked lime. This arsenate of lime can be used for ordinary spraying. The greatest care should always be exercised in preparing these arsenical stock solutions and afterwards in keeping them labeled to prevent their being mistaken for some other substance.

The fumigation of growing stock, although not exactly rare, is more restricted to certain regions and special cases. In spite of the fact that it is the most thorough method for control of scales, thrips, aphids, etc., has not been generally adopted, because of the deadly poisonous nature of the hydrocyanic acid gas, second because of its disastrous effects on tender plants if improperly used, and third because of its cumbersome procedure requiring considerable skill. Then, it occasionally happens that some plants appear to have been injured although correct dosage was given and the conditions were favorable for application. Probably the most important use of this gas as a means of controlling insect pests in greenhouses and frames as well as in migrating nursery stock about to be sent to other localities.

DR. E. BAR

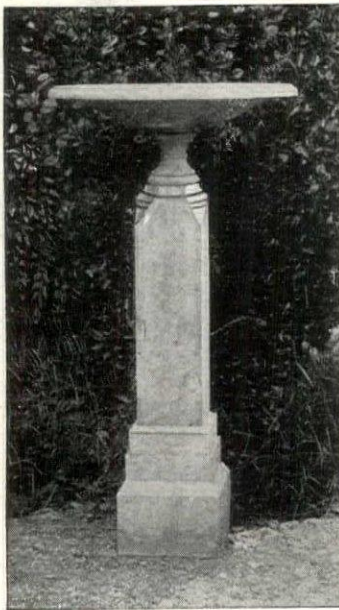


The potato beetle is one of the most familiar and devastating insects



The leaf louse is a strict vegetarian, liking especially beans, beets, peas, celery, asparagus, onions, rhubarb and horse-radish. It can be killed by spraying with "Black Leaf 40" tobacco extract

BIRD BATHS



This is one of our large collection of bird baths. In terra cotta, cement and solid stone. Prices range from \$5.00 upwards.

We will be glad to send you our booklet of garden ornaments, upon request.

Carbone

INC.

[Italian Arts and Antiques
 342 Boylston Street
 BOSTON

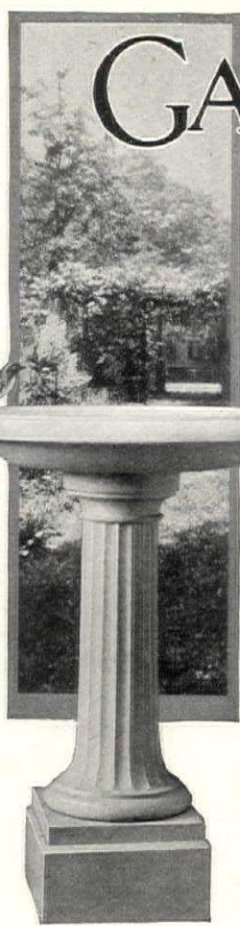
GALLOWAY POTTERY

Gives the Essential Touch

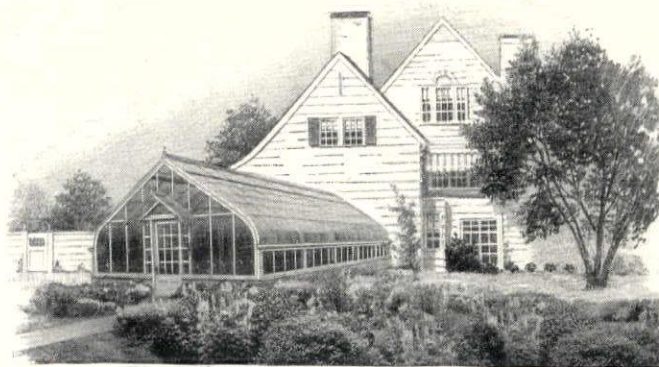
A Bird Bath will make a delightful spot in your garden bringing the birds with their merry note. Vases and shapely Jars form charming contrasts in nature's setting.

Our collection of enduring Terra Cottas also includes Flower Pots, Boxes, Fonts, Sun Dials Gazing Globes, Benches and other interesting accessories for the garden, sun room and house.

A catalogue illustrating 300 numbers will be sent upon receipt of 20c in stamps.



GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET, PHILADELPHIA.



PLAN YOUR HOUSE AND GREENHOUSE TOGETHER

PLAN it to adjoin directly to it, so at any time you can step into its perpetual flower filled spring time.

It may add a few thousand dollars' cost, but what like amount can approach it in the added joy and satisfaction?

Send for booklet called, Own Your Own Greenhouse.

Hitchings and Company

Home Office and Factory, ELIZABETH, N. J.

New York
101 Park Ave.

Boston-9
294 Washington St.

Rochester
Commerce Bldg.
119 Main Street, East.

Philadelphia
Empire Building
13th & Walnut Sts.

RIGHT NOW

Is the ideal time to plant EVERGREENS

The ground is just beginning to warm up and there is no better time for EVERGREENS to take hold smoothly, and progress naturally, along with the gradual even rise in temperature.

Our Service Department recommends the following groups principally because of their well deserved universal popularity.

DWARF EVERGREENS

For Porch or Foundation Planting
Exquisite Plants 1 1/2 to 2 ft. high

Pyramid Arbor Vitae.....	\$2.00
Dwf. Compact Arbor Vitae.....	1.75
American Arbor Vitae.....	1.50
Golden Plume Cypress.....	2.50
Pfitzer's Juniper.....	2.75
Green Plume Cypress.....	2.50
Japanese Yew.....	2.75
Veitch's Blue Plume Cypress.....	2.75
Blue Pyramid Juniper.....	2.50
Oriental Arbor Vitae.....	2.00
Threaded Branched Cypress.....	2.50
Dwarf Mugho Pine.....	2.75

For 12 (1 of Each) \$26.00

TALL EVERGREENS

For Lawn Planting
Selected Specimens 3 to 4 ft. high

Hemlock Spruce.....	Each \$4.00
Austrian Pine.....	3.50
Scotch Pine.....	2.75
Douglas Fir.....	3.25
Veitch's Fir.....	4.50
Norway Spruce.....	2.75
Bothan Pine.....	3.25
Red Pine.....	2.75
White Spruce.....	3.50
Pyramidal Spruce.....	3.75
Silver Fir.....	4.50
Japanese Pine.....	3.25

For 12 (1 of Each) \$38.00

For the many who invariably wait until the last minute to do their planting, we suggest that it is still time to plant the following.

FLOWERING SHRUBS

All Extra Heavy—3 to 4 ft. high

Sweet Syringa	Spice Bush
Common Snowball	Double Pink Deutzia
Butterfly Bush	Red Twigged Dogwood
Rose of Sharon	Bridal Wreath
Purple or White Lilac	Golden Bell

For 10 (1 of Each) \$5.00
For 100 (10 of Each) \$45.00

HARDY PERENNIALS

Each Specie in Variety

Foxglove	Iris
Larkspur	Hollyhocks
Phlox	Sweet William
Canterbury Bells	Chrysanthemums
Columbines	Hardy Asters

For 10 (1 of Each) \$2.50
For 100 (10 of Each) \$20.00

"Successful For Over A Century"

AMERICAN NURSERIES

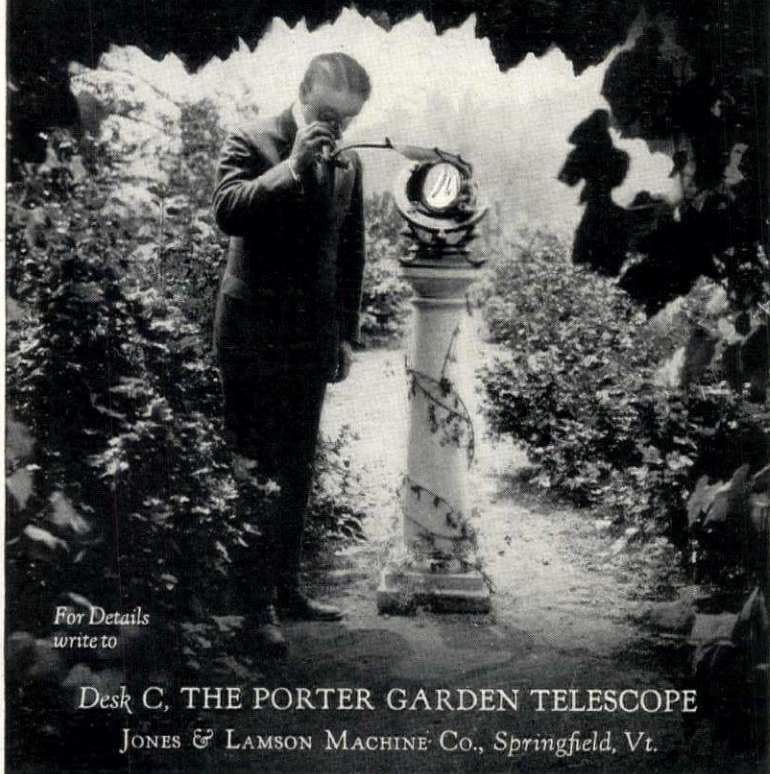
H. E. HOLDEN, Manager

Singer Building - NEW YORK

Why Confine Your Vision?

THERE is now available an ornamental telescope suitable for garden, porch or roof, by which the human seeing power is increased 50 times

In Solid Bronze Needs No Shelter



For Details write to

Desk C, THE PORTER GARDEN TELESCOPE

JONES & LAMSON MACHINE Co., Springfield, Vt.



Evergreens

To Brighten the World in Winter

There's a Norse-like sturdiness in evergreens that makes them welcome in our gardens, our streets, our parks, and our playgrounds. No grounds can even approach completeness without their picturesque grace and richness of color in winter and summer.

Use them Generously—
Avoid Future Regrets

Year by year Evergreens increase in value—season after season your pride in them grows. Measured in beauty and time-saving *Hick's big Evergreens* are the cheapest investment you can make. You can get them by the truck-load or car-load, and know they will live—we guarantee them. Check this list—note the value of each kind:

	Size	Each	Per 10
White Fir	2-3 ft.	\$2.50	\$22.50
	3-4 ft.	4.00	35.00
	4-5 ft.	5.00	45.00
	6 ft.	10.00	
Nikko Fir (Japanese)	6-8 ft.	20.00	
	3-4 ft.	6.00	50.00
	5-6 ft.	10.00	90.00
Japanese Cypress (Green)	1-1½ ft.	2.50	20.00
	1 ft.	1.25	10.00
Japanese Cypress (Blue)	1 ft.	2.00	
	2 ft.	3.00	
Colorado Blue Spruce	8-9 ft.	40.00	
	3 ft.	3.50	30.00
American Hemlock	4 ft.	4.00	35.00
	2-2½ ft.	3.00	25.00
Japanese Hemlock	3-4 ft.	5.00	45.00
	6 ft.	10.00	
	7-10 ft.	25.00	
Austrian Pine	10-12 ft.	45.00	
	6-8 ft.	10.00	90.00
Jack Pine	8-10 ft.	15.00	
	1 ft.	3.00	25.00
Mugho Pine	1½ ft.	4.00	35.00
	4-5 ft.	5.00	40.00
Red Pine	6-8 ft.	20.00	
	3-4 ft.	3.00	25.00
Scotch Pine	8-10 ft.	20.00	180.00
	4 ft.	3.00	25.00
White Pine	5 ft.	6.00	50.00
	6 ft.	10.00	75.00
	8 ft.	15.00	
Japanese Yew (Upright)	4-5 ft.	18.00	
	5-6 ft.	25.00	
Japanese Yew (Flat Form)	1½x2 ft.	6.00	50.00
	1½x4 ft.	25.00	

Come to the Nursery—
See the Trees and Plants

Select what you want from our new "Plantateria"—perennials, roses, shrubs—and take them with you. Pick out the evergreens, have them tagged for delivery at any time. Ask for our new edition of "Home Landscapes"—ready now. Write for a copy if you cannot call.

HICKS NURSERIES
Box H. Westbury, L. I., N. Y.

RAIN WHEN YOU WANT IT



An Irrigated Garden

The vegetable garden of Mr. William Walbridge, at Perrysburg, Ohio, with its hardy border, shows the results produced by using a Skinner Irrigation System.

All chances of disappointment through drought are completely removed, for the Skinner System keeps the ground soft and moist at all times, lengthening the season and producing bigger and better crops at a cost that is negligible when compared with the results secured and the losses prevented.

Tell us the length and breadth of your garden, and we will tell you what a suitable Skinner System will cost.

The Skinner Irrigation Co.
231 Water St. Troy, Ohio.



Perfect Drives! quickly obtained ~ easily maintained

The perfect driveway is readily obtained and easily maintained by the use of Solvay Calcium Chloride, a clean, white, deliquescent, chemical salt which has the peculiar property of attracting moisture to itself, and quickly combining with the surface to which it is applied.

While absolutely odorless, and harmless to rubber tires and shoes, horses' hoofs, clothing, etc., Solvay Calcium Chloride is a sure destroyer of weeds as well as a perfect surface binder and dust preventive. It will not track or stain.

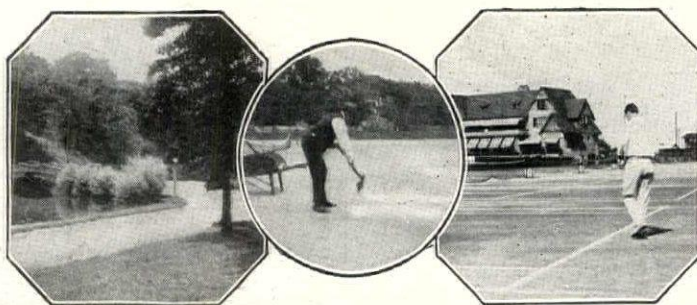
Tennis courts, too, are made faster, better!

Solvay is ideal for tennis courts—prevents dust and weeds, keeps the court hard and resilient and relieves sun glare.

Packed in air-tight steel drums, Solvay comes all ready to apply; a shovel is all you need to do the work properly.

Write today for the interesting illustrated Solvay Road Book.
SEMET-SOLVAY CO., SYRACUSE, NEW YORK

SOLVAY CALCIUM CHLORIDE



PEONIES & IRIS



All the newest European and American introductions

A FEW high points about Movilla history and plants. Highest awards by American Peony Society. Highest awards by American Iris Society.

Movilla plants are unsurpassed for vigor and freedom of bloom. Descriptive catalog compiled by James Boyd and John C. Wister—30c. PRICE LIST FREE



MOVILLA GARDENS
HAVERFORD PA.



No. 238-240 Price \$12.00 net. Approx. net weight 80 lbs. 24 in. high

Has Your Lawn a Bird Bath and Other Garden Pottery?

A Bird Bath where the feathered songsters can pause to drink and bathe will be appreciated. Many designs and sizes shown in our 1923 catalog, as well as Window & Porch Boxes, Jardinieres, Lawn Seats, Flower Pots, etc.

Catalog sent free on request

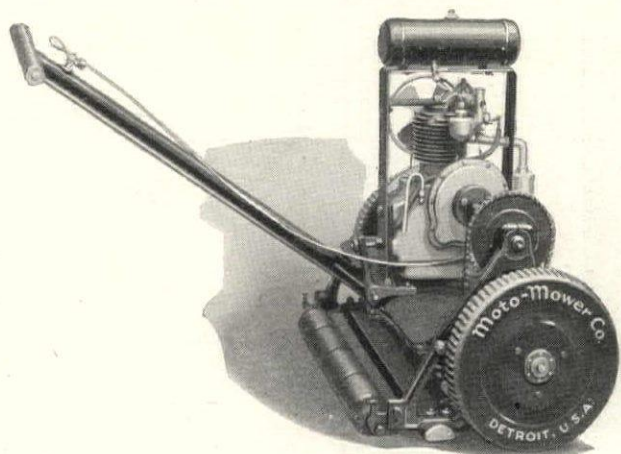
Dealers Attention

The Wheatley Pottery Company

Manufacturers of

Garden Pottery and Faience Tile

4617 Eastern Ave., CINCINNATI, OHIO



Cuts Grass Fast

No expert mechanics needed to run it

The Moto-Mower is a compact, easily operated power lawn mower. Anyone can use it. Handles easily and cuts grass evenly. Turns corners on its own power and can be run in small spaces. The Moto-Mower is a real grass cutter. Send today for catalogue and prices.

The Moto-Mower Co.

3348 E. Woodbridge St.

Detroit, Mich.



Don't Miss These!

May is the last month in which to plant, for this season's flowering, our new American Snapdragon.

"Indian Summer"

Of truly regal size rivaling the Gladioli and in color a rich copper-red whose beauty baffles description.—A new size and a new color!

To miss knowing this peerless snapdragon would be a misfortune—to see it in a neighbor's garden and not have it in one's own would be worse—a distinct calamity.

"A word to the wise is sufficient"

And here are three other Schling specialties you must have in your garden this summer.

*New Bedding Petunia—Violet Queen—*entrancingly beautiful. 1 pkt. 50c.

*Queen Anne's Blue Lace Flower—*rare and delicate. 1 pkt. 50c.

*New Dahlia Zinnia—*huge double flowers. 1 pkt. 50c.

1 packet each of all four novelties—\$2.00

"Indian Summer"

Schling's wonderful new Snapdragon

*Perpetual Spinach—*Big leaved, tender, delicious,—not a Swiss chard.—A dollar package will supply your table all summer.—

Schling's Seeds

26 West 59th St.
New York City

HILL'S EVERGREENS

4 New Sorts

You will be delighted with the exquisite beauty of these choice new interesting Evergreens introduced by D. Hill.

Let us send you a beautiful full colored picture and booklet with complete descriptions.

Supplied direct or through your local Nurseryman, Florist or Landscape Architect.

Complete catalog of 72 pages will also be sent on request.

D. Hill Nursery Co

Evergreen Specialists for over 60 years.

302 Cedar Street, Dundee, Ill.



HILL'S PYRAMIDAL ARBOR VITAE

HILL'S SILVER JUNIPER

HILL'S MUGHO PINE

HILL'S WAUKEGAN JUNIPER

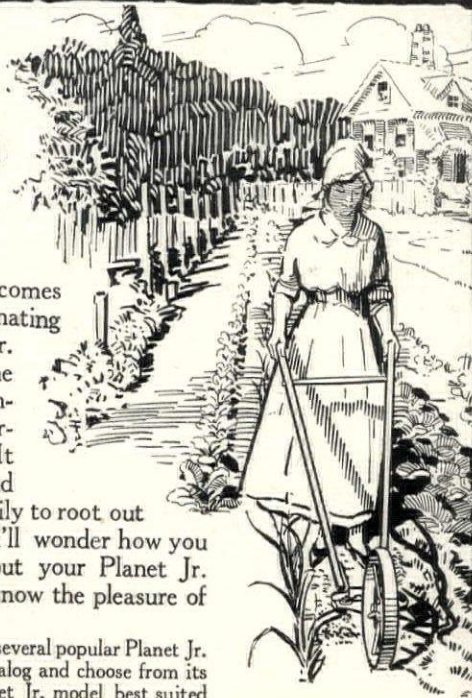
How does your garden grow?

GARDENING becomes even more fascinating when you use Planet Jr. garden tools. The Planet Jr. No. 17 single wheel hoe is a particular favorite. It runs very lightly and you can guide it handily to root out lurking weeds. You'll wonder how you ever managed without your Planet Jr. wheel hoe once you know the pleasure of running one

Your dealer can show you several popular Planet Jr. models. Or write for catalog and choose from its interesting pages the Planet Jr. model best suited to your garden.

S. L. ALLEN & CO., Inc.

Dept. 34
5th & Glenwood Ave. PHILADELPHIA



This name and the name "Planet Jr." identify our products.





Bulbs Imported From Holland

Specially for your garden

BY SPECIAL arrangement with the foremost Holland bulb specialists, Beckert's Seed Store offers an unusual opportunity to American gardeners to obtain the very cream of the Holland Bulb Crop, if ordered not later than July 1st.

The finest, largest and soundest of the Tulip, Hyacinth and Daffodil Bulbs grown in Holland are obtained only by ordering in advance of harvest, so they can be selected out of the general run of bulbs when they are dug and packed for shipment.

For full particulars, send for a free copy of Beckert's Special Import Catalog of Holland Bulbs, describing the most desirable and beautiful varieties for fall planting.

2 Special Offers:

Beckert's Garden Collection of Selected Bulbs

- 12 Hyacinths, Dutch Roman, Ass.
- 12 Tulips, Breeders, Assorted
- 12 Tulips, Darwins, Assorted
- 12 Narcissus, Single Daffodils, Assorted.
- 12 Crocus, Mammoth, Assorted

60 Fine Bulbs for only \$3.00 Post-paid.

Beckert's Window Garden Collection of Bulbs

- 6 Hyacinths, Romans
- 12 Narcissus, Polyanthus
- 12 Narcissus Yellow Trumpet
- 12 Tulips, Single, Assorted
- 12 Freesias, Purity

54 Fine Bulbs for only \$2.50 Post-paid.

1923 Catalog Free

Send for your copy now as the time is limited. Mail orders promptly filled.

Beckert's Seed Store

Dept. H
Established 1877
North Side Pittsburgh, Pa.



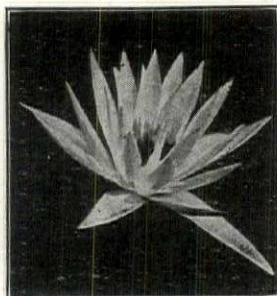
Keep Song Birds in Your Garden

THE cheery song of robin, wren, blue bird, thrush and many others will make your garden more enjoyable. These little feathered folk will create havoc in the ranks of mosquitoes and other insect pests. Their bathing and drinking provide many hours of absorbing interest. Attract them and keep them in your garden with one of our Art Stone Bird Baths.

The soft gray tone of the bird bath illustrated adds a delightful spot of contrast on your lawn and soon attracts liberal patronage from the desirable song birds. Stands 32 inches high and bowl is 27 inches in diameter. Lasts for generations. Prices and sizes \$4.50 to \$22.50.

Send 10c in stamps for beautiful catalog G which describes bird baths, fountains, benches, and all kinds of garden furniture and ornaments. All made of permanent Architectural Art Stone, beautifully designed and executed, reasonably priced.

Architectural Decorating Company, 1600 S. Jefferson St., Chicago



Lend Enchantment to your Garden with a Water Lily Pond

Water Lilies are among the easiest plants to grow. Their requirements are simple. Given sunshine, a quiet pool and rich soil and you can not fail to have an abundance of flowers. They do not need the alert care of a gardener or the ceaseless attention required by most garden plants.

French Novelties, — Hardy Sorts

These fine new hybrids have been thoroughly tried out in our ponds for the past eight years or more and have proven their worth.

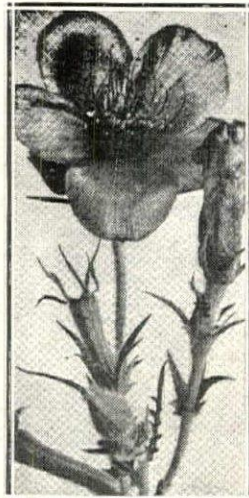
MANZANIELLO. A charming variety of unique habit. Flowers are of good size, tulip-shaped and on stems, 4 to 5 inches above the water. The pink, carmine-tipped petals make a pleasing contrast to the white sepals. Free-blooming. \$5.00 each.

COMANCHE. The largest and finest of all the varieties, having apricot tints. A glorious combination of orange and glowing amber-red. The plant is vigorous retaining its foliage in California throughout the year. Flowers on stiff stems, in great abundance. Fine for cutting. \$5.00 each.

LOS ANGELES TRIO: One White, one Pink and one Yellow \$2.50

Catalogue sent on request. Contains planting directions, list of standard varieties and French novelties with prices.

HARRY JOHNSON, Water Lily Specialist, Hynes, California



Blazing Star

California Wild Flowers

GORGEOUS flowers that will bloom this summer with minimum care. Waste spaces, gardens and hillsides can be transformed into veritable beauty spots that will be an unending pleasure all summer. The royal purple and gold of the Lupine, California Poppy and Blazing Star, the dainty Tidy Tips and Cream Cups, Wild Heliotrope, Blue Gilia and the host of California Wild Flowers that will make your garden radiant with color and unique in conception.

Plant a California Wild Garden!

- Payne's Mixture No. 1 (for sunny places) Packet, 10c; ounce, 40c; quarter pound, \$1.45; pound, \$5.00.
- Payne's Mixture No. 2 (for shady places) Packet, 10c; ounce, 50c; quarter pound, \$1.75; pound, \$6.00.
- Payne's Mixture No. 3 (orange, yellow and cream shades) Pkt. 10c; oz. 60c; quarter lb. \$2.00; lb. \$7.00.
- Payne's Mixture No. 4 (blue, purple and lavender shades) Pkt. 10c; oz. 50c; quarter lb. \$1.75; lb. \$6.00.

THEODORE PAYNE
California Wild Flower Specialist

345 South Main Street Los Angeles, California
Illustrated booklet, "California Wild Flowers, their Culture and Care," describing over 100 beautiful species. Postpaid 15c



Residence of Donald G. Tuttle
Naugatuck, Conn.

Where the Sun Plays Hide and Seek

Planning and planting a northern exposure calls for especial knowledge and care. Hardy shade enduring shrubs must be selected that will develop and harmonize with the general scheme. Rhododendrons, Laurel, Azalea, Hemlocks and Japanese Yew as shown above have met these requirements.

Box Barberry

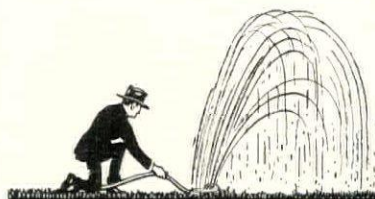
A speciality which we introduced, makes a most pleasing low edge along the front walk. Its compact growth, dwarf habit and dainty foliage makes it an ideal hedge plant.

You are cordially invited to visit our nurseries and note the quality of our stock.

Write today for our new 52 page illustrated catalogue No. 194. If you live east of the Mississippi, it is free; if west, please enclose 25c in stamps.

The Elm City Nursery Co.
Woodmont Nurseries, Inc.

P. O. Box 1588 New Haven, Conn.
"The Pioneer Landscape Nurseries of New England"



The ARMSTRONG Half-Fountain Sprinkler

SOMETHING new in a lawn sprinkler. Invaluable to the garden lover. All the advantages of the famous "Fountain"—yet without some of its disadvantages. The Half-Fountain sprays the same soft, life-giving mist. The spray is all forward from the hose and you can pick it up without getting wet.

Many communities prohibit the wetting of sidewalks. This sprinkler complies with the law. Can be placed to spray any spot on the lawn or flower bed. Very durable because it is simply made and all of brass.

GET ONE TODAY

If your dealer does not display the "Half-Fountain" in its individual package, send us his name and \$1.00 and we'll see that you get one immediately. Once tried, you won't want to be without it.

The Armstrong Manufacturing Co.,
701 First Street,
Huntington, West Virginia



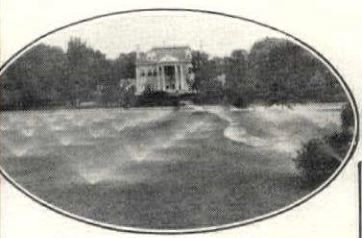
Springtime at Mayfair

means meadow and woodland gay with Daffodils, gardens glorious with stately Tulips. Your own personality will be expressed in your garden if you spend an hour at Mayfair choosing the varieties you wish to have next spring.

The Flowers Wait for You

and we will gladly tell you when to come. If you are too far away for a personal visit the *Blue Book of Bulbs* will appeal to you, for it presents the most noteworthy Tulips, Daffodils, Hyacinths and Crocus. The *Blue Book* will be sent to any address on receipt of 25 cts., which may be deducted from orders amounting to \$2.50 and over.

Chester Jay Hunt, Inc.,
Dept. A, Little Falls, New Jersey



"Like a London Fog"

Rain's Only Rival!

The first season of regular, uniform and automatic sprinkling by the Brooks System will result in an almost unbelievable improvement in the color and quality of your grass, shrubs and flowers.

- Even, Economical, Automatic Irrigation for Lawns and Gardens
- No Dry Spots
- No Puddles
- Gentle, Generous, Mist-Like Spray Saves Water, Hose and Hours of Time

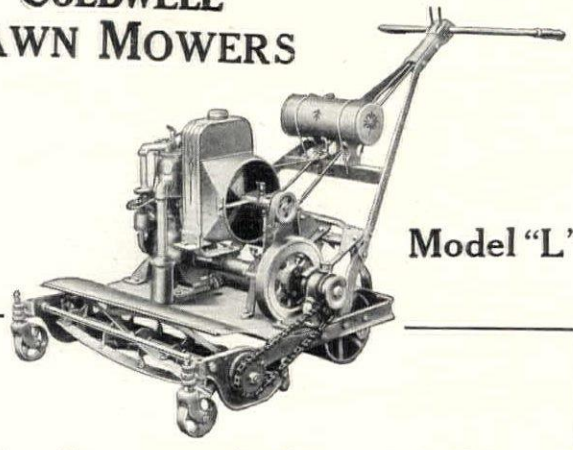
Act now to insure moisture for your thirsty Lawn and Flowers during the intense heat of Summer

Write us today for Facts and Figures

BROOKS

Landscape Irrigation Engineers
Frost-Proof Underground Sprinkling Systems
10226-A Woodward Avenue
Detroit, Mich.

COLDWELL LAWN MOWERS



Model "L"

The Lawn—A Restful Place

Checked with sunlight and shadow, sometimes gay and sometimes sombre, what thing is closer to the home lover's heart than his vista beyond the porch—that view of beauty—the lawn. And to keep it fit, with every little blade in prime of health, a careful trim, then gently rolled, is absolutely needed. Coldwell's Model "L" steps in to take the task! Economical—thoroughly efficient. Motor-powered, roller equipped, it leaves each thriving shoot radiant with the gift of health—quite as no other mower can. And—six acres per day, if needed!

Long grass is not pretty grass.
Now is the time. We'll demonstrate.

COLDWELL LAWN MOWER CO.
NEWBURGH, N.Y. U.S.A.



OUR TULIP GARDEN

was awarded two Gold Medals at the International Flower Show, New York, 1923

The Most Admired TULIP

in our 1923 Prize Garden was Princess Elizabeth (Darwin) — Of charming, clear pink colour.

\$2 a dozen; \$5 for 50;
\$9.50 a hundred.

Order now. Plant this fall for May, 1924, flowering. Remit when delivered.

Same superior quality as has made "Scheepers Quality Bulbs" famous the country over.

CATALOGUES

Our literature is costly. It is gratis however to readers of *House & Garden*. No postal requests.

JOHN SCHEEPERS, Inc.

Flower Bulb Specialists for Quarter of a Century

522 FIFTH AVENUE
NEW YORK



When Mistress Spring Comes To Your Garden

Her path should be lined with Daffodils and Tulips—those colorful blooms of May and June. For the gardener who wants an extra choice assortment of spring flowers I recommend

The Sunrise Collections

- | | |
|--|---|
| 35 <i>Narcissi</i> , assorted varieties \$2.75 | 100 <i>Darwin Tulips</i> , assorted... \$2.75 |
| 100 <i>Single Tulips</i> , assorted... 2.75 | 25 <i>Hyacinths</i> , assorted... 3.50 |

Any one collection at the price indicated

The Complete Surprise Collection, 260 Bulbs for only \$10
Send your order now—you need not pay for them until you receive them next fall.

Better Bulbs—By Farr

My 1923 catalogue of Tulips, Daffodils, Crocus, Hyacinths, spring-blooming bulbs is ready. If you would like a copy, write today.

BERTRAND H. FARR Wyomissing Nurseries Co
106 Garfield Avenue Wyomissing, Penna.

Plan to see our display of Peonies at the Colonial Trust Co., Reading, Pa., and at Mr. William H. Loder's, East Stroudsburg, Pa., the first week in June.



Water Lilies Will Thrive From the Lakes to the Gulf

From Canada's cold climate to the warm waves of the Gulf you will find Tricker's Water Lilies grow luxuriously and bloom freely. They have proved their ability to meet all conditions if given sunshine, soil and water.

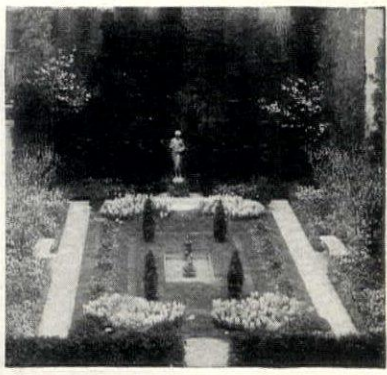
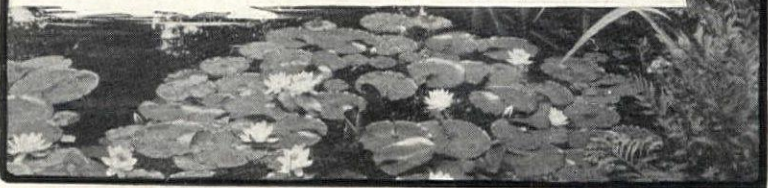
Select Tender Lilies for Tubs and Pools

this month, and plant them, too. A quartette of novelties and a score of established varieties are described and pictured in

Tricker's 1923 Catalogue

of Water Lilies, Victorias, Nelumbiums, and aquatics. Features a new and distinct form of gardening that will interest you beyond belief. Send today for a copy.

William Tricker, 662 Forest Street, Arlington, New Jersey.



OUR TULIP GARDEN

at the International Flower Show, New York, 1921, was awarded the Grand Sweepstakes Prize as the best exhibit of the Show

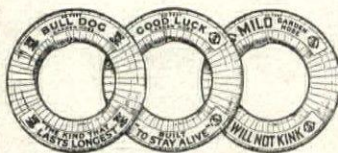


*Never Too Young
To Learn*

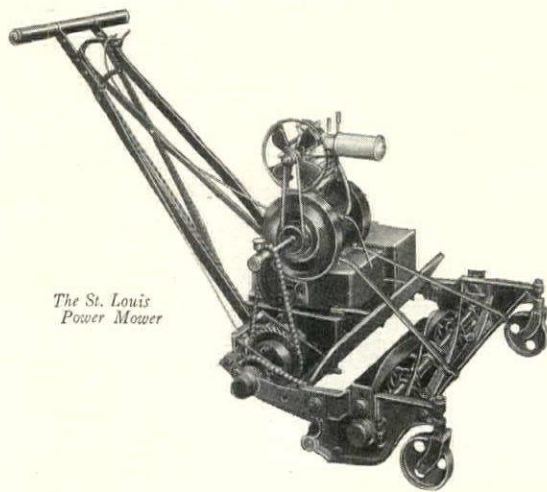
WATER is the life of the garden. Every gardener should find out as soon as possible the easiest and best way of getting plenty of water to the roots of his plants.

Buy a reliable 5/8ths hose from your dealer and use it conscientiously. Ask him for **BULL DOG**, **GOOD LUCK** or **MILO**—standard 5/8ths brands made by Boston Woven Hose & Rubber Co. To go with it get a Boston nozzle which gives "stream, spray or mist with a twist of the wrist."

Send ten cents for our new book, "MAKING THE GARDEN GROW," 32 large pages, fully illustrated. Invaluable to garden lovers who want products they can be proud of.



Boston
Woven Hose & Rubber Co.
154 Portland St.
Cambridge, Mass.



*The St. Louis
Power Mower*

Tidy Lawns at Small Expense

THE Milbradt Power Mower makes quick work of trimming and beautifying lawns. It's practical, first of all; easy to handle anywhere; the lightest in weight of any 27-inch swath machine.

A sturdy 4-cycle engine supplies power for both traction and cutting. Special design stops power wastage, absorbs shocks and prevents excessive wear.

You'll be surprised at the low initial cost, the economical operation, the long life of the Milbradt Power Mower. If pertinent facts and figures interest you—write today!

MILBRADT MANUFACTURING COMPANY
2402 N. Tenth Street St. Louis, U. S. A.

AUDUBON BIRD-BATH

Designed with scientific regard for bird habits, endorsed by National Audubon Societies.

Perches on a gently sloping bottom, a center piece to hold food and shower bath top. Five sizes.

For sale by John Wanamaker and all leading department stores.

Manufactured and patented by
J.C. Kraus Cast Stone Works, Inc.
373 Lexington Ave., New York.



Improve and Beautify Your Lawn

by using a "Clean Edge" Trimmer on the borders and edges
A TIME and LABOR SAVER—WORKS LIKE A SHEAR

Trims around trees, shrubbery, walks, and edges. No cutting of turf or preparation of any kind required. A necessity on even the smallest lawns.

Price **\$8.50**
(\$9.50 West of the Mississippi)

The Heimann Trimmer Co.
Urbana, Ohio

ASTILBES

Astilbe Arendsi

This month we make a special offer of the new Arendsi Astilbe. Silver Medal collection, twelve varieties \$6.00

Also ten new *Phloxes*, raised and introduced by Julius Heurlin. These have been awarded a First Class Certificate by Massachusetts Horticultural Society. \$5.00 for the collection.

We again call your attention to our

EVERGREENS

None better to be had anywhere and our prices are right, too.

Rugged New England-Grown Nursery Stock

The sturdy ruggedness of trees and shrubs grown in this climate is well known. With the rugged climate, grave subsoil and many years of practical experience we offer healthy plants, hard everywhere in this country. Strong root systems, inbred vigor and fine plants. Send us your list of wants.

Our Catalog On Request.

Blue Hill Nurseries, Inc.,

*Rugged New England Grown
Trees & Shrubs
Julius Heurlin, Prop.
South Braintree, Mass.*

Callahan Sectional Greenhouses

Are designed especially for the better class of suburban homes, city residences, parks and country clubs.

They will bring good cheer and happiness to your home the year round. Fragrant flowers—an early garden—fresh vegetables all winter—all these are yours with a Callahan Greenhouse. It isn't an expense—it's an investment that enhances the value of your property and gives you constant satisfaction.

New Low Prices

Built entirely at our new factory in completely finished unit sections, so their cost is surprisingly low. Erection costs, too, are almost eliminated because anyone can quickly and easily bolt them together. They are shipped ready to assemble—even the hardware is attached.

Only the best grade of Louisiana Cypress—the wood eternal—is used in their construction. Made in a number of styles and sizes—with a wide range of prices.

Let us send you *The Greenhouse Book*—it contains full details.

THE T. J. CALLAHAN CO.
1102 S. Perry St. Dayton, Ohio

Also manufacturers of larger Greenhouses and Ventilating Apparatus for commercial growers. If interested, ask for our Commercial Catalog.

A Gardenful of Roses for \$5.00



5 Dozen 1-Year Plants \$5.00

No words of praise can adequately convey the extreme beauty of this glorious collection of sixty selected roses. The vigorous, healthy growth, profuseness of bloom, exquisite colorings, and beautiful formation of the flower make this an unrivalled offer. The roses in this collection are commonly known as monthly bloomers, and will bloom all summer. Need no protection in the South; should have protection in the North.

2 Dozen 2-Year Plants \$5.00

The best bloomers for the garden are included in this collection. They are of good size and offer unusual value, having been selected from the best varieties that have come from Europe and America. These roses are not untried, having passed the most severe test, and are offered in "Gold Medal" varieties. They will embrace all colors, will bloom at once and all summer, and all will be found highly desirable.

1 Dozen 3-Year Plants \$5.00

In this collection we have grouped together 12 of the finest Hybrid Tea Garden Roses of the three-year size for summer blooming. Not only does the collection represent all colors known in Roses, but shows many beautiful shades, and color combinations not found in the ordinary varieties. The collection is of superior merit and especially adapted to our climatic conditions. Each is a perfect gem in its particular color and form.

These Roses will come to you from one of the largest Rose producing establishments in the United States, carefully packed, and safe arrival guaranteed. Printed instructions will accompany each shipment.

NOTE—If desired with the soil on the roots, must be shipped by express collect. If without soil, will be sent Parcel Post prepaid. We recommend the former.

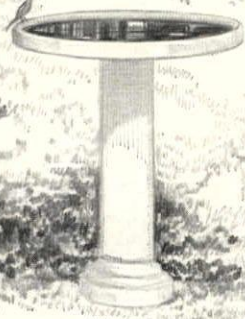
Catalogue Free

The McGregor Brothers Company

Box 110

Springfield, Ohio

U. S. A.



Only \$2.50 for this Beautiful Stone BIRD BATH

The only Bird Bath on the market for a price anywhere near so low. Stone, fashioned in curving graceful beauty of classic simplicity. The bowl is 22 inches in diameter. This beautiful ornament will fill your yard with songsters. Write us if we do not have a distributor in your city and we will supply one. We also make Garden Furniture, Arbors, Pergolas, Settees, Chairs, Tables and like furnishings for Lawn and Garden.

GARDEN CRAFT

9 Lake Street, Crystal Lake, Illinois



Build NOW!

Now is the time to build that long-deferred home of your own! Building prices have reached new low levels. Longer delays are dangerous. Our modern plan books contain many new ideas and helpful building hints. Will save you dollars.

CRAFTSMAN BUNGALOWS, new 1922 Edition. Just off the press! Recognized as the standard plan book on bungalows. 112 pages of new plans, photos, sizes, costs, etc., of scores of attractive homes and bungalows ranging from \$800 to \$8,500 to build. Adapted to any climate. Most practical book published. New edition sent postpaid for \$1.

COLONIAL PLANS, DE LUXE, 3rd Edition, just off the press. Unusual, distinctive and worth-while—**BIGGER BOOK THAN EVER FOR THE SAME PRICE**. Filled with numerous artistic pictures and plans of moderate-priced Colonial bungalows and residences. Every prospective builder should have one. Only 50c Postpaid.

Order both books today. Money back if dissatisfied.

Yoho & Merritt

Craftsman Designers

505 Empire Building
Seattle Washington



FREE

Have a Perfect Lawn

Half an acre or fifty, with less labor and at lower cost. The Free Beautiful Book tells how. Write Today.

The "4-Acre" Power Lawn Mower does the work of 4 to 5 men with hand mowers. Cuts a 24-inch swath. Mows 4 to 5 acres a day at less than 40 cents a day for fuel and oil. Pays for itself in a short time in labor saved. Makes a better lawn.

The
4
ACRE

Power Lawn Mower

Handles easily close-up around trees, shrubs, flower beds. Has abundant power for tough spots and hilly ground. Rolling capacity eliminates dandelions, weeds, ant hills and worm casts. Trouble-proof, sturdy and so simple a child can operate it. Mechanically perfect. Write today for handsome illustrated book, "Lawns Beautiful."

Jacobsen Mfg. Co.

Dept. A Racine, Wisconsin, U.S.A.

Water-Lilies That Bloom At Night

Here are two splendid Lilies which avoid the rays of the mid-day sun. The large waxy blossoms unfold in the cool of the early evening, and close the following morning until the day is gone. In the moonlight these flowers are exceedingly effective.

Dentata (white)
Rubra rosea (rosy carmine)

Both have large blooms, 8 to 12 inches across; they'll make your garden attractive by night or day.

Growing plants \$1 each
or \$1.75 for two

Get our Catalog which illustrates and describes these and other splendid varieties. Send your name and address today.

Independence Nurseries

Box H

Independence, Ohio



For Better Gardens—Perfect Flowers



Kill Aphis

Regarded as one of the most destructive and persistent pests on flowers, fruit and vegetables. Be on the lookout now for this little green bug and spray thoroughly with "Black Leaf 40."

Florists, greenhouse owners, gardeners and fruit growers always keep this "old reliable" spray on hand to destroy all varieties of Aphid, Thrips, Red Bug, Psylla and Leaf Hopper.

Bottle making 6 gallons of effective spray. 35c at your dealers.

TOBACCO BY-PRODUCTS & CHEMICAL CORP.
Incorporated
LOUISVILLE, KY.

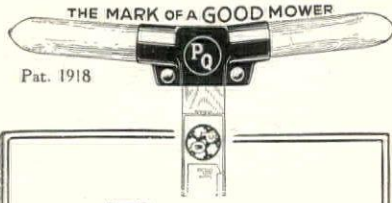
Spray



"Black Leaf 40"

40% Nicotine

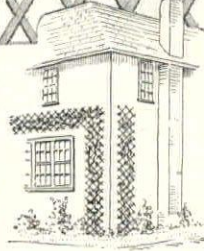
Kills Aphid 40"



The new
STAYTITE
handle
identifies
Pennsylvania
Quality
Mowers
Ask
your
Hardware Dealer
or
Seedsman



Here's Your Trellis-Ready-Built

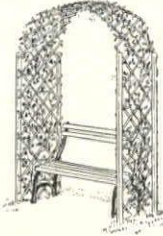


The Sturdy, Convenient and Practical



ADJUSTABLE TRELLIS

DON'T build a trellis—we've built one for you! The CRAKERJAC MANIFOLD ADJUSTABLE TRELLIS is sturdily built of basswood and finished in green or white creosote stain to prevent decay. Extends to 18 ft. long by 2 ft. high—or 6 ft. long by 4 ft. high.



Readily Adaptable

Many pleasing effects may be produced with this trellis: as a background for flowers, as an archway, as support for vines and for many other purposes. Adds grace and beauty to the home surroundings.

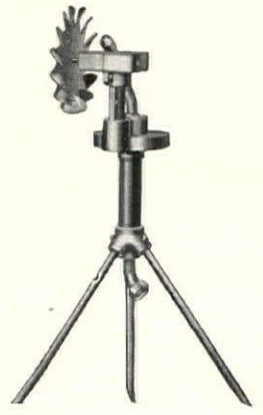
Our Prices Make Building Unnecessary

CRAKERJAC, in its convenient, ready-to-use form, is sold so reasonably that you need not think of having a trellis built. Prices, including two 6-ft. posts on which trellis is fastened:

- No. 1. Gr. Green finish \$3.00
- No. 1. Wh. White finish 3.25

At your dealer or direct from us, transportation paid to points east of the Missouri River.

EVAN I. REED MFG. CO.
Danville Illinois



Sprinkles from 18 to 80 feet!

The Double Rotary Sprinkler is now the most popular portable watering device on the market. Unsurpassed for use in parks, golf courses, estates, etc.

DOUBLE ROTARY

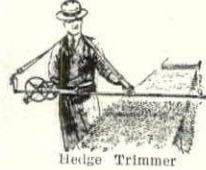
Shipped direct from factory at **LOW FACTORY PRICE—\$12.50** East of Rockies. Money back guarantee. Delivered prepaid. Order from this advertisement, or write

The Double Rotary Sprinkler Co.
1231 Coca Cola Bldg. Kansas City, Mo.

"Little Wonder" Hedge Trimmer

Trade Mark Reg. U. S. Pat. Off.

with Lawn-Clipping Attachment



This new, wonderful device makes hedge trimming a pleasure. Trims any shape hedge, more evenly and 5 to 10 times faster than the old, hard hand-shears method.

Saves Time, Labor, Money,

In use on thousands of estates, homes and institutional grounds. Strong, durable and perfect in operation. Equipped with lawn clipping attachment it becomes doubly valuable to every owner who wants his hedge and lawn to look right.

- 3 sizes, 30"; 40" and 60" blades \$25 to \$35
- Lawn clipping attachment \$15 extra

Can also be used in rough field, adjustable to any height. Cuts 10 times as fast as scythe.

If your dealer cannot supply, we will ship to you prepaid from the factory.

Write for descriptive circular and testimonials. Live dealers and agencies wanted everywhere.

Selling Agents
—Eddy Garden Service,
Paradise,
Lancaster County, Pa.

DETCO MFG. COMPANY

(Formerly John C. Dettra Machine Co.)

OAKS, PENNSYLVANIA



The Plant Box With Every Needed Feature

Here's the plant box that has all the features you would naturally expect to find in a high grade plant box. Here's the plant box that assures thriving plants the year round. Here's the sturdy, durable, light weight, economical plant box—the

SUCCESS STEEL PLANT BOX

Self-Watering Patented

Reservoir keeps soil in condition and provides proper circulation of water and air. Water tight—leakproof—rustproof. Easily handled. Costs less than lumber for ordinary boxes. Attractively finished in green enamel, baked on. Carried in convenient sizes by florists; and by seed, hardware, furniture and department stores. If your dealer cannot supply, order direct. Illustrated circular on request.

Success Mfg. Company
18 Sargent St., Gloucester, Mass.
Manufacturers of

Success All-Steel White Enameled Refrigerators



VEGETABLE CRUTCHES

VEGETABLE Crutches are the most convenient and useful garden help brought out in many a day.

They are stout galvanized steel stays for supporting flowers, bushes, tomato plants, peas, beans, etc. They do away forever with the necessity of hunting up wooden sticks every year. Improve the appearance of your garden. Will not rot, or break off in a heavy storm.

Good for 15 to 20 years. Ringed and crimped for twine or wire. Lengths 3 to 5 feet. Inexpensive, 55c to 95c a dozen. Get a trial dozen today—they'll be the handiest thing you can buy for your garden this year.

At your hardware dealer's. Or send us \$1 for sample dozen (specifying length) postpaid.



THE FROST-SUPERIOR FENCE CO.

WARREN, OHIO

WATER

Always Available

Country estate owners find the **CORCORAN TANK TOWER** an unfailing means of obtaining plenty of water, at a high pressure, for the house, garden and garage.

THE DOUBLE TANK FEATURE is shown in the illustration. The lower tank catches any overflow and a reserve supply is always on hand in case of fire or for the garden and grounds when the dry season is on.

SEND FOR OUR TANK TOWER AND WINDMILL BOOK

A. J. Corcoran, Inc.

758 Jersey Avenue, Jersey City, N. J.



CORCORAN TANK TOWER

on estate of

Francis P. Garvan, Esq.
Roslyn, Long Island



\$16.65
WEST OF ROCKIES \$17.00

**For the Kitchenette
-or Summer House**

THIS Liberty Super-Twin Hot Plate is designed to give super service wherever there's need of clean, dependable heat for cooking or allied uses. Well designed, strongly built, beautifully finished; frame and legs of aluminum-copper alloy, highly polished. Genuine nichrome heating elements. Each plate governed by 4-station switch, develops three heats, low 150 watts, medium 330 watts, high 660 watts. Maximum total current consumption, 1320 watts.

Liberty Hot Plates are made in four other models and sizes, all high grade, practical and reasonably priced. Sold by all good dealers and electrical departments.

Send for booklet describing the complete Liberty Line.

Special Notice: If the Liberty Super Twin Hot Plate is not immediately obtainable at your dealers, it will be sent, carriage charges prepaid, on receipt of prices indicated.

The Liberty Gauge & Instrument Co.
(Electrical Division)
6445 Carnegie Ave., Cleveland, O.

**Liberty
HOT PLATES**



**Bring the
Outdoors indoors**

OUTSIDE—the green of the lawn and the trees—the white, crimson and gold of the garden and the blue of the sky.

Inside—the rug, the pictures, the upholstery and tapestry repeat the charm of the open. Even the pedestals echo the design of the statuary outside. Beauty is undivided, one harmonious whole, and health-giving sunshine plays over all.

Broad French windows of clear *American Window Glass* alone make this possible. Truly, it is bringing the outdoors indoors and marks the irresistible trend of the times towards more and yet *more* windows. It is the trend of civilization.

American Window Glass is a notable refinement at no extra cost. In evenness, uniformity and freedom from imperfections it excels and leaves no other choice.

Clear vision, strength and beauty are assured if you insist that our trade mark appear on every box of window glass which goes into your windows and doors.



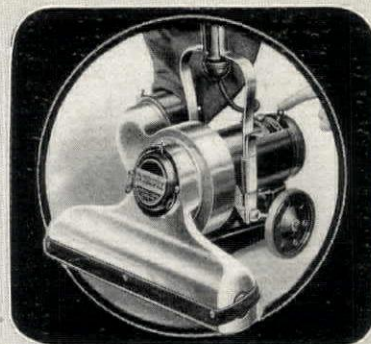
AMERICAN WINDOW GLASS CO.
GENERAL OFFICES: PITTSBURGH, PA. BRANCHES IN PRINCIPAL CITIES



**Free—
an electric Vac-Mop**

Mop by vacuum your hardwood floors. No more shaking mops or chasing dirt. This marvelous Vac-Mop cleans itself at the same time it is cleaning and polishing the floors. With every Sweeper-Vac, the famous two-in-one brush and suction electric cleaner, we are giving absolutely free this new Electric Vac-Mop. A marvelous rug cleaner with exceptionally efficient house-cleaning attachments and the Vac-Mop for bare floors, the Sweeper-Vac is the one cleaner to perform every house-cleaning task.

**Sweeper-Vac
Electric
Cleaner**



MAIL THIS COUPON TODAY

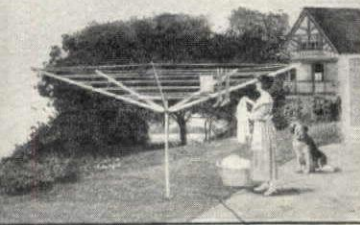
PNEUVAC CO.
168 Fremont St., Worcester, Mass.
With no obligation other than that I owe myself to know about this marvelous invention, kindly send me descriptive literature of the Sweeper-Vac and Vac-Mop and also the name of your nearest dealer.

**Why Unsightly
Clothes Yards?**

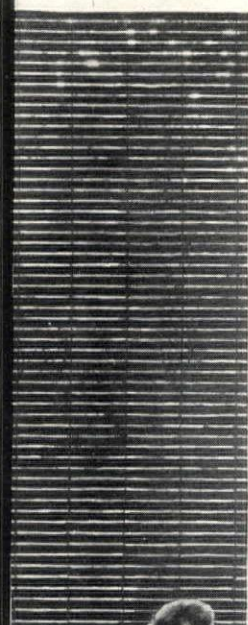
The Hill Champion Clothes Dryer, with 150 feet of line, is not only a time and labor saver, but because it can be removed easily it allows you to have your clothes area free except at drying times. Most efficient means of outdoor drying known. Made a little bit better than seems necessary, but the years of service experienced by users of Hill Clothes Dryers prove that quality pays.

Complete information in our folder "G" is yours upon request.

Hill Clothes Dryer Co.
52 Central Street
Worcester, Mass.



AEROLUX
NO-WHIP REG. U.S. PAT. OFF.
VENTILATING
PORCH SHADES



Live outdoors this summer—on your porch. Equip it with beautiful Aerolux Shades. Have fresh cool air and perfect privacy without heat and glare.

Durable, economical, easily hung. Weatherproof finishes. Can't flap in wind. For open or glass enclosed porch.

Sold by leading department stores and furniture dealers.

FREE Book, "Better Porches" shows how to make your porch an attractive summer living room. Write for it.

The Aeroshade Company
2351 Oakland Ave. Waukesha, Wis.





Dress your thoughts with as much care as you do your person

PEOPLE who take pride in making a good personal appearance are also the kind of people that want their written messages to indicate good taste.

The use of Old Hampshire Stationery by men and women of social position is proof of its superior quality.

Old Hampshire Vellum

"A Stationery of Distinction"

Old Hampshire Vellum is a fine, aristocratic paper that won't scratch or splotch the ink. Offered in quire boxes (24 sheets and 24 envelopes). Also in quarter reams (125 sheets) and 1-8 M envelopes (125 envelopes). Several sizes and styles. Priced at \$1.00 the box and upward.

Sold wherever fine stationery is found. If your stationer cannot supply you, we shall be glad to oblige on receipt of remittance.

A usable packet of Specimen Sheets and Envelopes will be sent on receipt of 10c.

HAMPSHIRE PAPER COMPANY
Fine Stationery Department
SOUTH HADLEY FALLS, MASS.

Old
Hampshire
Stationery

Its popularity proves its worth



Beautiful TILES

Woman's preference for the kitchen.

In the best sense, there is no kitchen but the tiled kitchen.

Clean—easily kept clean—not injured by lye, soap, or any cleaning compounds. Just a few moments' work, and tiled walls and floors are restored to their original newness.

Unlimited freedom of treatment. No limitations in patterns, combinations or designs. Nothing ready-made. Each installation determined by a selection that exactly suits the case. Ever new—fresh looking—beautiful—interesting.

Consult your architect and dealer about Tiles, or write to

The Associated Tile Manufacturers
315 7th Ave., Beaver Falls, Pa.

California Bungalow Books



"Home Kraft" and "Draughtsman" each contain Bungalows and Two Stories. "Plan Kraft" Two Stories. "Kozy Homes" Bungalows. \$1.00 each—all four for \$3.00. De Luxe Flats \$1.00.

DE LUXE BUILDING CO.
521 UNION LEAGUE BLDG. LOS ANGELES, CALIF.

REDUCE Easily... Naturally

To Remove Excess Weight in a Safe, Strengthening Way

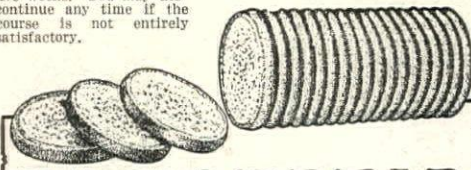
EAT BASY BREAD

It is the one safe method which will help you without interfering with your natural mode of living, and, what is more, without endangering the system.

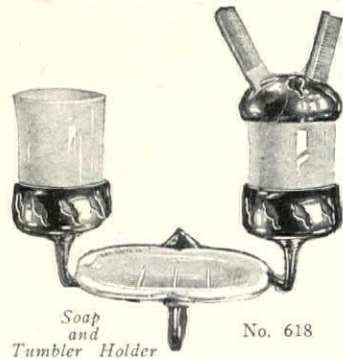
FREE BOOKLET SENT ON REQUEST

DOCTORS' ESSENTIAL FOODS CO.
35 Oakwood Ave.
Orange New Jersey

Unlike the usual methods which leave you worn out, weakened and starved, Basy Bread actually increases vitality while it decreases weight!
It is a wholesome, appetizing food, recommended and used by leaders of the stage and society.
Begin now. Send us five dollars and we will forward a five weeks' course of our Basy Bread to start you on your way to slimmness—one loaf of Basy Bread each week, for five weeks. You may discontinue any time if the course is not entirely satisfactory.



BASY BREAD
REGISTERED - TRADE MARK



Soap and Tumbler Holder No. 618

Choose Wisely

the equipment of your bathroom.

Select accessories that delight the eye, give a lifetime of service and are easy-to-put-up.

San-o-la bathroom accessories are made of solid brass, gracefully designed and richly nickel plated.

Ask any good dealer to show you these attractive fixtures or write for illustrated booklet called "Real Bathroom Comfort."

ART BRASS COMPANY'S



BATH ROOM WARE
ART BRASS COMPANY, Inc.

Dept. H. G.—5
299 East 134th Street New York



PLANS for HOMES

STILLWELL California Style Homes are suitable for any climate. They are inexpensive to build and easy to sell.

Write Today for

Stillwell Plan Books

containing pictures, floor plans and estimates of cost of building. They will help you visualize the home of your dreams and make that home a success.

"Representative Cal. Homes" 50 Houses, 7 to 10 Rooms—\$1

"The New Colonials" 60 Houses, 6 to 10 Rooms—\$1

"West Coast Bungalows" 50 Houses, 6 & 7 Rooms—\$1

"Little Bungalows" 75 Houses, 3-4-5 Rooms—\$1

SPECIAL OFFER:

Send \$2.50 for any three of these books and get Garage Folder FREE

Books and Blueprints sold with Money-Back Guarantee

E. W. STILLWELL & CO.

(National Plan Service)

892 Calif. Bldg., Los Angeles

Quickly Removes All Stains and Marks



For one purpose only—Sani-Flush. It cleans the toilet. Swiftly, easily it removes all stains, discolorations, incrustations. No scrubbing. No scouring. No hard work. The bowl shines!

The trap—hidden, unhealthful—is reached and cleaned only by Sani-Flush. All foul odors are destroyed. There is no other preparation made that does this work.

The ease of using it—just sprinkle Sani-Flush into the bowl. Follow directions on the can. Flush! It will not harm plumbing connections. Always keep Sani-Flush handy in the bathroom.

Sani-Flush is sold at grocery, drug, hardware, plumbing and house-furnishing stores. If you cannot get it at your regular store, send 25c in coin or stamps for a full-sized can, postpaid. (Canadian price, 35c; foreign price, 50c.)

THE HYGIENIC PRODUCTS CO.

Canton, Ohio

Foreign Agents: Harold F. Ritchie & Co., Ltd.

Toronto, Canada

33 Farringdon Road, London, E. C. 1, England

China House, Sydney, Australia

Sani-Flush

Cleans Closet Bowls Without Scouring



What's back of the

Duplex-Alcazar?

EVERYONE knows the Duplex-Alcazar—the pioneer three-fuel range—burning gas and coal or wood—singly or altogether—changing instantaneously from fuel to fuel.

ALCAZAR

QUALITY KITCHEN RANGES
Every Type, Style and Price
For Every Fuel

It makes the kitchen comfortable the whole year around—warm in winter—cool in summer and comfortable in between—cuts fuel costs and makes good cooking better.

But back of the Duplex-Alcazar is the finest line

of cooking ranges—gas ranges—kerosene gas cook stoves—and coal and wood ranges that skill and facilities born of a lifetime in the business can put together.

The name Alcazar identifies a range that gives full money's worth in performance, durability and beauty.

Look for it. It's a safe way to buy a range.

See Your Dealer or Write Us

ALCAZAR RANGE & HEATER COMPANY
410 Cleveland Avenue, Milwaukee, Wisconsin



Model A
MOUNTED ON
TUB-HIGH
STAND

Sheer Georgette or heavy blankets

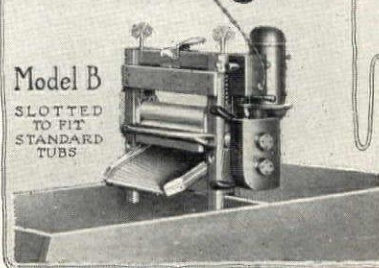
The latest labor-saver! An electric clothes wringer for the hardest part of washday work. Simple to operate, and safe in every respect it wrings all washings large or small. It wrings in either direction, stops and starts electrically and conveniently stores away in a closet. Every day without it is a day of drudgery. Save energy. Write for Booklet.

M. S. Wright Company
Worcester, Mass.

Makers of the two-in-one Sweeper-Vac with Electric Vac-Mob for hardwood floors.

Sweeper-Vac Electric Wringer

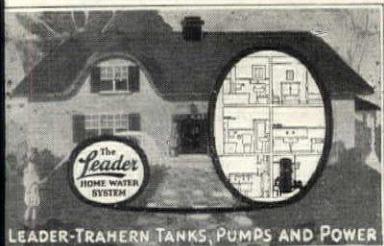
Model B
SLOTTED
TO FIT
STANDARD
TUBS



MAIL THIS COUPON TODAY

M. S. WRIGHT CO.,
168 Fremont St., Worcester, Mass.
With no obligation other than that which I owe myself to know about this marvelous invention, kindly send me descriptive literature of the new Electric Wringer and also the name of your nearest dealer.

LEADER WATER SYSTEMS



LEADER-TRAHERN TANKS, PUMPS AND POWER

Solving the water problem for country homes

Leader Water Systems are complete units designed and built to give the quiet, uninterrupted service that characterizes the well-ordered menage.

An engineering corporation of over 20 years' experience is responsible for every one. Numbered among Leader clientele are some of the most discriminating people in America.

There is a Leader system for the smallest cottage or the largest estate. Leader engineers will be glad to advise you on your problems, and make specific recommendations without obligating you in any way.

Leader Tanks and equipment for water, air and oil. Experienced water supply men wanted.



LEADER-TRAHERN CO., Decatur, Ill.
New York: 21 E. 40 St.,
Chicago: 327 S. La Salle St.

Gentlemen: Kindly send me information on Water Systems for Country Homes and Estates.

H.G.

LEADER-TRAHERN CO. Name.....
WATER SUPPLY DIVISION
OF
LEADER IRON WORKS Address.....

Lunken Windows

in your home are not equalled by any other single type of window on the market, and will add a touch of beauty, comfort and convenience that will distinguish yours from any other home.

LUNKEN advantages are many—

Double hung simplicity. Factory assembly as a guarantee of quality. Any partial shading arrangement. Any degree of ventilation from a mere crack top and bottom to the full 100% opening. Disappearing sash which does not extend into the room, nor stand out in the wind, nor interfere with screens. Rewirable, double sliding rust-proof metal frame, copper-bronze cloth fly screens cover the full opening and disappear at a touch into the window pocket. Window cleaning on both sides of the sash from inside the room without interfering with or damage to screening, and without resort to special hardware or operating directions. Zero tight when closed due to efficient copper weather-stripping—easy operation—perfect silence. Delivered from factory complete, glazed, fitted, hung, screened, weather-stripped, tested and guaranteed ready to set in the wall. Investigate the many advantages of Lunken Windows before planning new buildings. Grant us the privilege of sending complete and detailed information. Write to-day.

THE LUNKEN WINDOW CO.
4221 Cherry St. Cincinnati, Ohio



Lunken Windows Installed in Residence, Mr. Weise, Bridgeville, Pa.



A splendid Note Paper for Summer Homes

Those who have American Stationery made up for their summer homes year after year, consider it indispensable for informal vacation correspondence as well as for all those notes that need to be written in the conduct of city household business affairs. Many of our customers have frankly told us so. Repeated orders, for their city as well as summer residences, give sterling substance to their complimentary statements. You will be delighted with the charming simplicity of this note paper—its individuality—and its fine quality. Carry a trial package on your vacation. We know that later you will order it for your city home. Incidentally, the tough, strong box in which American Stationery is mailed makes an excellent package for travelers.

200 Sheets-100 Envelopes
PRINTED WITH ANY NAME AND ADDRESS for \$1.00

This comprises our "Regular Package" which is made up as follows and mailed post-paid. PAPER: National Bank Bond—clear, white, fine textured; exquisite writing surface. SIZE: Sheet 6x7; envelopes to match. INK: Name and address, printed as shown in illustration, in rich, dark blue ink.

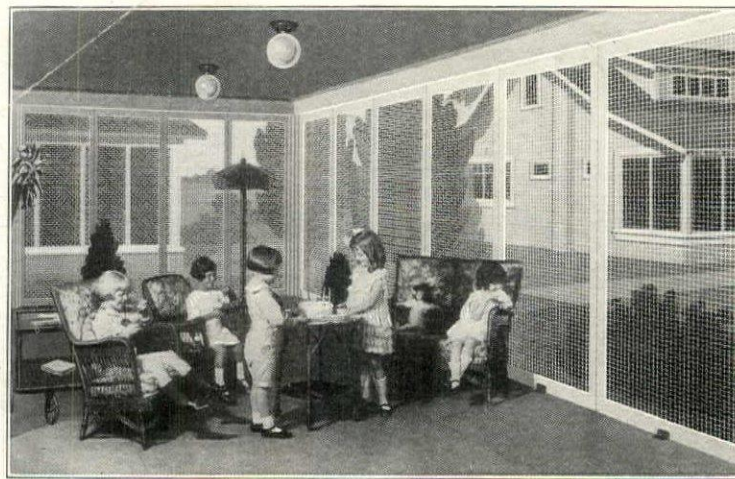
For orders west of Denver and foreign countries, add 10%. Always remit with order. With the exceptional facilities of our large plant, all orders are filled with amazing speed. We have no agents or branch stores. All American Stationery is sold by mail from Peru, Indiana, where we, originators of this type of stationery, have successfully manufactured it for eight years.

The American Stationery Co.,
519 Park Ave., Peru, Indiana

Mail

COUPON

The American Stationery Co.,
519 Park Avenue, Peru, Ind.
Gentlemen: Herewith is \$1.00 for 200 sheets and 100 envelopes of American Stationery to be printed as shown on attached slip. (Note: To avoid errors, write or print copy plainly.)
MONEY READILY REFUNDED IF YOU ARE NOT WHOLLY SATISFIED



THE "VISION" OF PEARL WIRE CLOTH

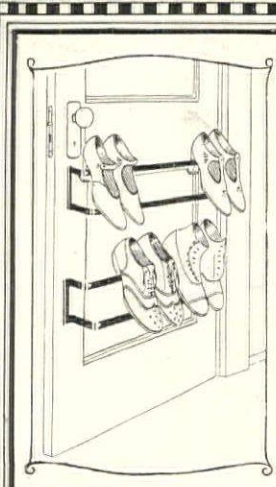
ALTHOUGH Beauty and Economy are the foremost of PEARL Wire Cloth features, another of great importance is Vision. Due to its smooth metallic finish and even mesh, coupled with its color, which turns to an "invisible" gray shortly after installed, PEARL offers practically no obstruction to the vision, and the occupants of a Pearl Screened Porch enjoy the beauty of the outdoor view.

This feature does not hold with painted cloth. PEARL requires no painting. It insures against repairs, continued painting and the petty annoyances that less durable wire cloth gives. Buy only the Genuine, which has two copper wires in the selvage and our red tag on every roll. Call on your local dealer or write direct for samples and literature if you're interested in screen material. Address Dept. "K"

The Gilbert & Bennet Mfg. Co.
New York Georgetown, Conn. Chicago Kansas City

G & B Pearl is made in two weights—regular and extra heavy. The best hardware dealer in your city sells "PEARL"

Protect Your Treasures Screen with



Hang Your Shoes on a Neatway

A closet shoe-rack that takes the place of shoe bags, boxes, drawers, shelves and other makeshifts. Endorsed and specified by leading Architects.

At Your Dealer's or direct;

Black Enamel, Nickel or Bronze: set of three \$4.50; pair, \$3.00; one, \$1.50
Hand Painted floral designs on black enamel: set of three, \$6.00; pair, \$4.00; one, \$2.00
2 sizes: 20 and 24 inches.
West of Rockies and Canada, 10c extra per rack.
Dept. 11 A Campau Bldg. Detroit, Mich.

Neatway Co



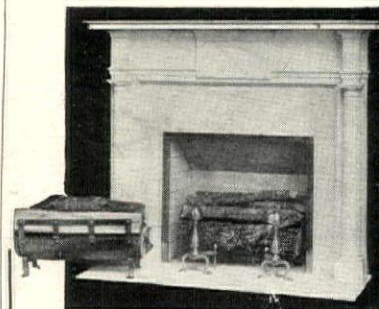
A smart Utility Car, seating 3, 6 or 9 passengers
Ample space for luggage, etc.

Equally suitable for Owner or Employee use.

Every owner of a Country Home should get full information

H.H. BABCOCK CO.

WATERTOWN N.Y.



KING

"Colonial" Mantels

Add the Homelike Touch

OUR new catalogue sent free to interested parties, gives a gratifying variety of modern designs to select from at most attractive prices.

The illustrations show installations with andirons, grates, tiles and other carefully selected fireplace fixtures, so you can see exactly how the complete mantel will look in your own home.

We want to help you in making your selection, so please tell us whether you are building or remodeling, and how many mantels you plan to install.

King Mantel & Furniture Company

302 Gay Street, Knoxville, Tenn.



Willowcraft Furniture

Genuine French Willow Best Grade

THOSE who know good furniture select Willowcraft for its correct and beautiful designs, fine workmanship and great durability.

Do not confuse Willowcraft (100 per cent wood) with Fibre furniture, made of twisted paper.

If your dealer cannot show you Willowcraft write for illustrated catalog.

Willowcraft Shops

Box C, Cambridge 40, Mass.



TO NARCISSUS, Child of Nature,

the crystal calm of the waters beneath him was but a reflection of his own vanities. The owner of a Kewanee Water Supply System may be pardoned *his* pride in *his* plant, for it is but the vanity of commanding a faithful untiring efficient servant—capable always of delivering a supply of pure, fresh water always under strong pressure. Out of a quarter of a century of experience a lifetime of service is built into every Kewanee Water Supply, Electric light or Sewage Disposal System. 200 styles and sizes are built by Kewanee to meet every varying requirement. Kewanee brings to every estate and farm home all the conveniences of public utilities even though you may be miles removed from them. Write now for complete descriptive information.

KEWANEE PRIVATE UTILITIES CO.
401 S. Franklin St., Kewanee, Ill.

KEWANEE

WATER LIGHT SEWAGE DISPOSAL

Is your Cellar WET?

DON'T tolerate it any longer! You can dry up the water that is seeping through the walls and floor of your concrete basement quickly and permanently. Hard-n-tyte, the moisture-proof concrete hardener, closes the pores of concrete and makes it as dry as a bone. Doesn't alter the color in any way.

Simply wash the walls and floor with the Hard-n-tyte solution, in accordance with instructions which we send you. Anyone who can use a broom or a mop can do the job. Cracks must be filled before Hard-n-tyte is applied.

Hard-n-tyte is sold in 10 lb. packages. 10 pounds is sufficient to treat about 400 square feet and its cost is \$7.50, parcel post or express prepaid. Send us your check for the amount required. If Hard-n-tyte doesn't dry up your basement, your money will be refunded!



General Chemical Company
Dept. G
40 Rector Street New York City

Free!

A Post Card Will Bring This Book To You



Casement windows give a flexibility in ventilation control impossible in other types of windows. Perfect satisfaction is assured with either outswinging or inswinging casements when equipped with Monarch Casement Hardware.

Send for free booklet "Casement Windows"—a complete guide to casement satisfaction. Write for it today.

Monarch Metal Products Co.

4920 Penrose St. St. Louis, Missouri

MONARCH CASEMENT HARDWARE



Also manufacturers of Monarch Metal Weather Strips



for beautiful
woodwork, doors
and furniture

Of Vital Importance When You Build

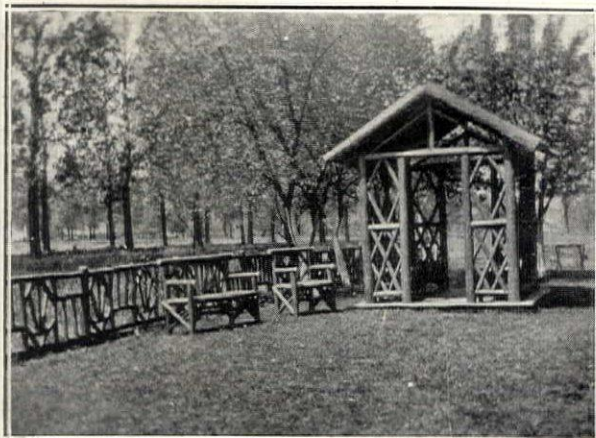
The choice you make of your hardwood finish is vital not only from the standpoint of your satisfaction in the finished job and its appearance but also because your choice has a definite bearing on the investment value of your property.

You don't build a home in order to sell it, of course, but if you ever do want to sell you will find that your investment has been fully protected if you have chosen **birch** for your interior woodwork.

When you use **birch** your flooring and woodwork is not merely going to look as good but will be as good after years of occupancy of the house as when it was first built.

It pays to use **birch**. Our "**birch** Book" tells you *how* and *why*. Would you like a copy? It's free.

THE BIRCH MANUFACTURERS
219 F.R.A. Bldg., Oshkosh, Wis.



Beautify your home surroundings with

Rustic Cedar Furniture

- Summer Houses
- Rustic Settees
- Flower Trellises
- Rustic Fences
- Bridges and Arbors
- Bird Houses
- Etc.

Send 4c in Stamps for Catalog and Prices

DIXIE WOOD CO. Trenton, New Jersey

Away With The Cesspool!

Secure all the sanitary comforts of a city building by installing an

Aten Sewage Disposal System

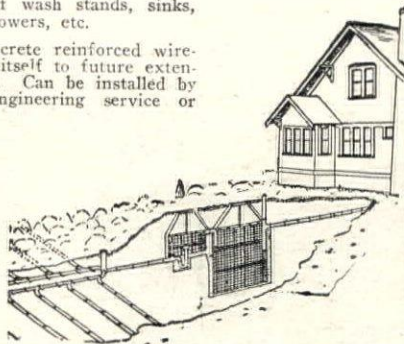
For Homes, Schools, Clubs, Hospitals, Factories.

Allows free and continuous use of wash stands, sinks, toilets, bath tubs, laundry tubs, showers, etc.

The septic tanks are made of concrete reinforced wire-forms, not wooden-forms. Adapts itself to future extensions to single buildings or groups. Can be installed by unskilled labor without expert engineering service or experienced supervision in the field. Has nothing to get out of order.

Our booklet No. 7 tells how and why. Sent free upon request.

ATEN SEWAGE DISPOSAL CO.
286 Fifth Avenue, N.Y.



Find out about **birch**



THE VIEW SHOWN

IS A BIRCH HOME

You Can in a LaFayette

Can you, in New York, say, point the nose of your motor car towards San Francisco and drive there quickly, comfortably and without mishap or falter?

You can in a LaFayette.

Can you ask of your car forty miles in forty minutes on the open road, and get it, yet throttle down to almost a standstill in traffic?

You can in a LaFayette.

Can you approach the steepest hill with nonchalance and sweep easily to its top in high gear?

You can in a LaFayette.

Do you find your car responsive to your every mood and whim, and count as glorious every mile that you cover with it?

LaFayette owners do.

Steadily the conviction that the LaFayette is one of the world's finest motor cars is gaining wider and wider acceptance as the experience of LaFayette owners becomes known

LAFAYETTE MOTORS CORPORATION, at Milwaukee

LAFAYETTE

