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The AMERICAN HOME

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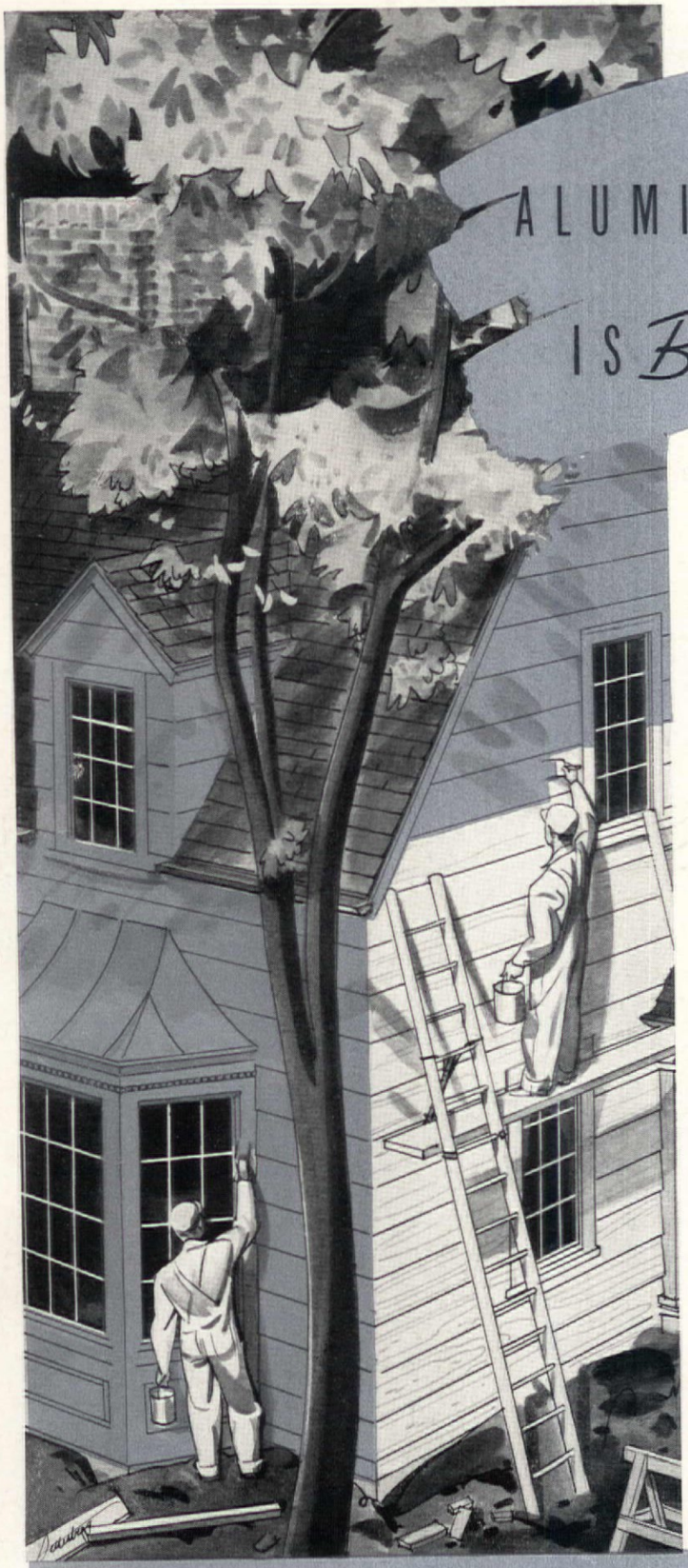


ALUMINUM PRIMING IS *Better* PRIMING

It means Paint Mileage for sure

PAINT MILEAGE, and more of it, is the result homeowners get when Aluminum Paint is the first coat of paint applied to their new or repainted homes.

This extra mileage is gained for SURE because of longer life in Aluminum Primer itself and longer life it gives to top coats of white or colored paint.

Aluminum Priming is painting with metal. Millions of tiny flakes of Aluminum by "leafing" form a continuous coat of metal protection which blocks the destructive action of the sun's rays. Moisture penetration, paint's greatest enemy, is greatly retarded. The top coats, in colors you have so carefully selected, retain more oil. Aluminum Priming adds greatly to the life of the entire paint film.

Here's the way to be sure that you get this greater PAINT MILEAGE. Tell your painter to use a priming coat of Aluminum Paint. Be sure that the pigment is genuine Alcoa Albron Paste or Powder and that the correct vehicle for wood surfaces is used. Aluminum Company of America makes the pigment only, not paint. But reputable paint manufacturers supply their dealers with Alcoa Albron Paste or Powder and specially prepared vehicles for use on wood and other surfaces. Write for booklet, "Aluminum Paint, Its Uses and Applications." ALUMINUM COMPANY OF AMERICA, 2105 Gulf Building, Pittsburgh, Pennsylvania.

ALCOA ALUMINUM ALBRON

ALCOA ALBRON

PASTE AND POWDER FOR

ALUMINUM PAINT

NO OTHER FURNACE CAN BE LIKE THIS!

★ **LUXURIOUS HEAT:**
Maintains any temperature desired—automatically. Provides an abundance of hot water—every hour of the day and night. Beautiful in appearance. Quiet, clean and odorless in operation.

★ **POSITIVE SAFETY:**
Oil is burned in an arc-welded steel boiler. An automatic safety control cuts off the fuel supply in less than 4 seconds. The self-oiling mechanism is "sealed-in-steel" to protect it from dust.

★ **ABSOLUTE DEPENDABILITY:**
Sturdy—built for a lifetime of service. Thoroughly reliable.

★ **AMAZING ECONOMY:**
The new scientific method of burning oil insures complete combustion. Heat usually lost up the chimney is "trapped". Greater fuel burning efficiency permits the use of cheaper grades of fuel oil.

★ **ONE COMPLETE UNIT:**
Every part is designed to work with every other part. A compact, coordinated unit—designed, built and warranted by the General Electric Company.

The Heating Unit that
SCIENCE BUILT

eral Electric Offers You A New Type
f Oil Furnace To Heat Your Home
e Efficiently . . . More Economically

HE new G-E Oil Furnace is different in appearance and in operation from ther types of heating units. Even the principle behind it is different.

his magical heating unit is entirely automatic. You simply set the thermal control at the temperature desired, and the ace maintains that temperature—automatically—every hour of the day and night.

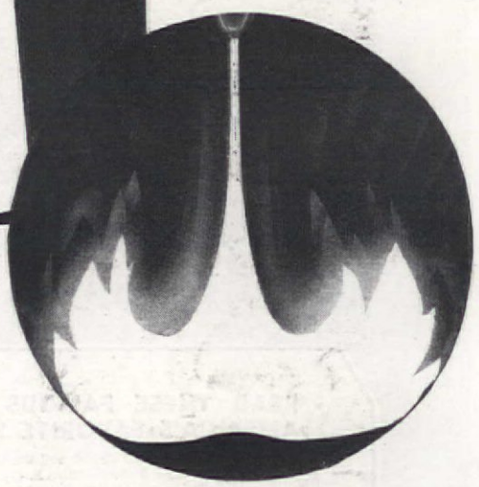
ut—that's only part of the story!

is burned in a new and better way. ry drop is vaporized—broken into ions of tiny particles—before it enters furnace. Broken by colliding streams of And the "atomized" oil meets another am of air as it enters the combustion mber.

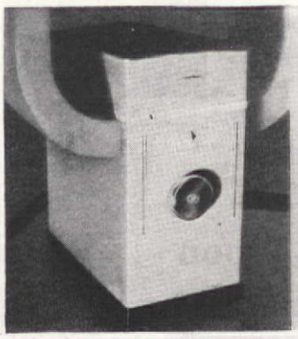
his produces a floating "white-hot" e and effects complete combustion. ry tiny particle of oil is burned . . . and burned without roar, or soot, or odor.

Get the facts about this amazing oil furnace. There's nothing else quite like it! It offers the finest and cheapest automatic heat that money can buy.

Mail coupon below for *free* booklet "Luxurious Heat" or, better still, get in touch with your General Electric dealer.



Look through observation window of the G-E Oil Furnace and note the beautiful, *floating* "white-hot" flame. That marvelous flame that burns "upside down"!



Air Conditioning, Too!

It is now possible to get automatic oil heat and complete winter air conditioning from one economical G-E unit. Ask your local dealer to show you the new G-E Warm-Air Conditioner. It supplies luxurious heat. It circulates healthful, conditioned air throughout the home. Air which has been filtered clean of dirt and dust and moistened to the proper degree of humidity.

GENERAL ELECTRIC CO.,
Air Conditioning Dept., Div. 22052,
Bloomfield, New Jersey

Gentlemen: Please send me by return mail, without cost or obligation, "Luxurious Heat", 12-page booklet on the new G-E Oil Furnace.

Name .....

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OIL FURNACE

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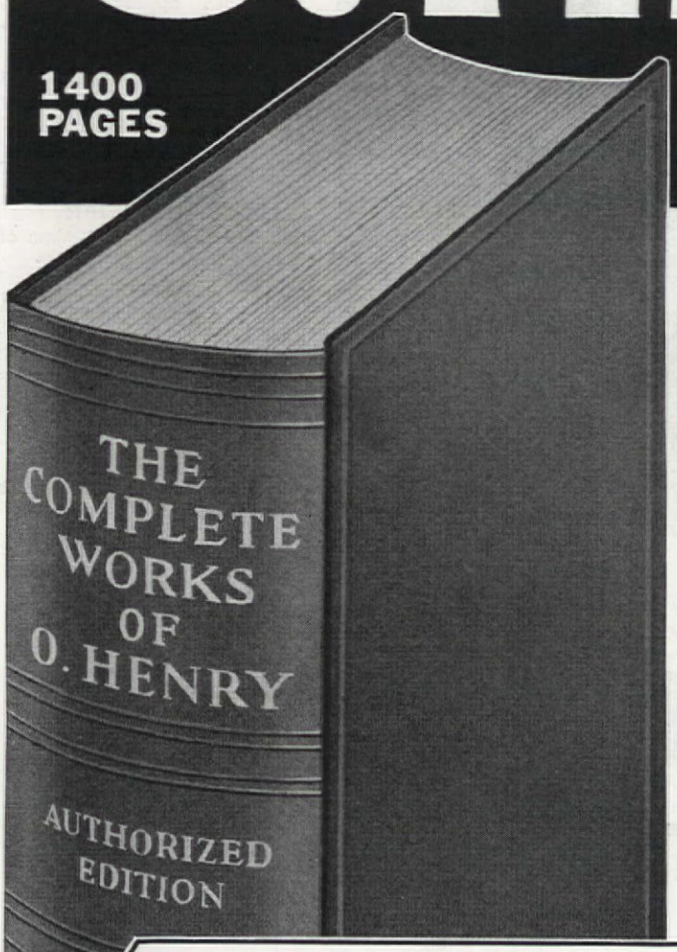
273 THRILLING STORIES



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Transients in Arcadia
The Shocks of Doom
Man About Town
From the Cabby's Seat
and 251 More

When the Rattlesnake Struck

"Judge: When you sent me up for four years you called me a rattlesnake. Maybe I am one—anyhow you hear me rattling now. One year after I got to the pen, my daughter died of—well they said it was poverty and the disgrace together. You've got a daughter, Judge, and I'm going to make you know how it feels to lose one. I'm free now, and I guess I've turned rattlesnake all right. Look out when I strike."

What a beginning for a story—and What a STORY! DON'T miss it!

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As Sheriff, I Needed A Tough Car!

MY 3 BROTHERS SOLD ME ON PLYMOUTH"

A CERTIFIED INTERVIEW
WITH DEPUTY SHERIFF PAT ENOS,
OAKLAND, CALIFORNIA

DIDN'T HAVE to look at all three," says Deputy Sheriff Enos, "to be convinced mouth was the car for my job. My three thers did that for me.

'Each of my three brothers now owns a mouth. I got in their cars—saw how easi- hey rode—how easy they were on gas— v 100% dependable. There just wasn't argument left.

'A man in my line of work has to have a he can count on . . . you never know when 'll need it—and need it bad.

'You can't speculate on how quick your will start—how fast it will pick up—or w sure it will stop—no sir, not when you're heriff in this country!"

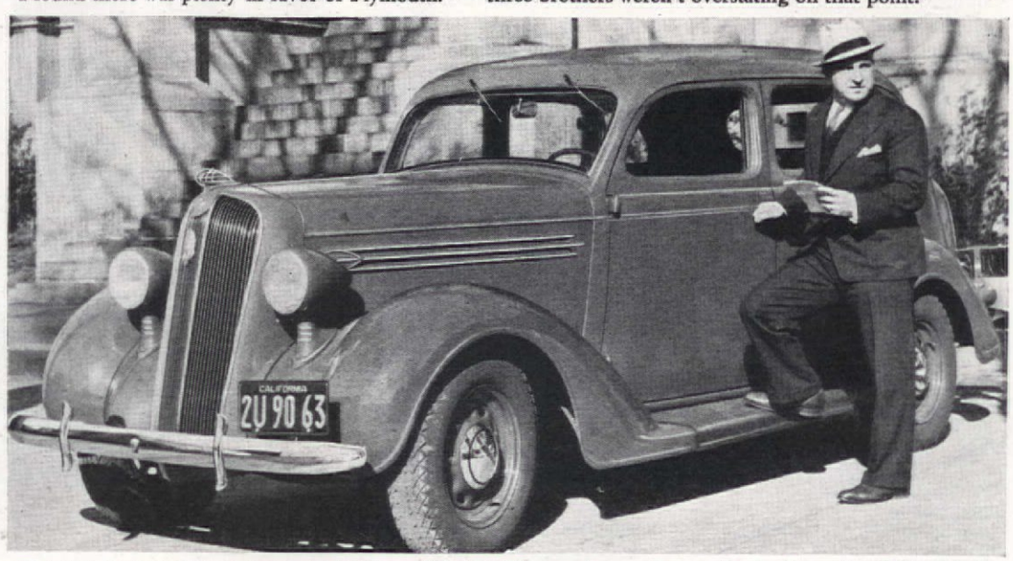
America is full of families who own more n one Plymouth. Because Plymouth own- hip is something you can't help being en- siastic about . . . and you can't help pass- the good word along to others. Drive this utiful new Plymouth—and you'll see that yourself. Your Chrysler, Dodge or De o dealer will gladly arrange it.

YMOUTH DIVISION OF CHRYSLER CORP.

HERE ARE THREE of the Enos brothers—with their Plymouths (one brother absent from this group picture). The first three who owned Plymouths were so enthusiastic that today all four Enos brothers own Plymouths.

"A MAN IN MY LINE of work looks for evidence. I found there was plenty in favor of Plymouth."

"IT CERTAINLY saves oil and gas . . . I found out that my three brothers weren't overstating on that point."



DEPUTY SHERIFF PAT ENOS with his beautiful 1936 Plymouth . . . safest car in the low-price field, with its 100% hydraulic brakes and Safety-Steel Body. "It's a beauty . . . a car I can always rely on," says Mr. Enos.

Insist on the Official Chrysler Motors Commercial Credit Company 6% TIME PAYMENT PLAN
Available through all PLYMOUTH Dealers
You pay for credit accommodation only ½ of 1% per month on your original unpaid balance. To arrive at your original unpaid balance: 1. Add cost of insurance to cost of car.* 2. Deduct down payment—cash or trade-in.
Result is *Original Unpaid Balance.*
*In some states a small legal documentary fee is required.
PAY $25 A MONTH—INCLUDING EVERYTHING

$510

O UP, LIST AT FACTORY, DETROIT— SPECIAL EQUIPMENT EXTRA

PLYMOUTH BUILDS GREAT CARS

IT'S YOUR TURN

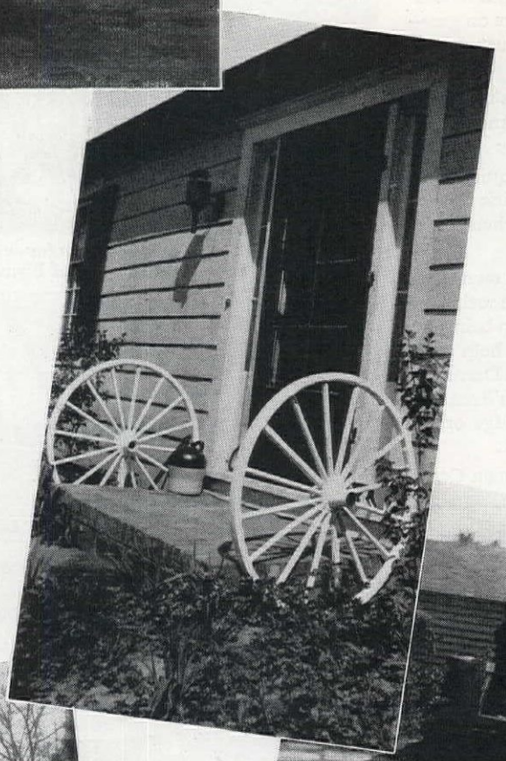
On this page in the past we have told you about things we have been doing—what new booklets have published; what new books we have been re ing; what we have observed in the field of ho building, remodeling, and decorating in our trav about the country. This month it is your tu And so we are turning this page over to y

WE, FOR one, never tire of new ideas for flower arrangements. To be sure, flowers often seem a luxury in the winter, but after all, if you love flowers it's impossible to turn your affection on in the summer and turn it off in the winter—it just naturally goes on the year through! And so really we are entitled to a few posies whether the garden is green or white with snow. And Miss Marian Webb, of Fort Wayne, Indiana, agrees with us, for she sent us the charming photograph above of a delightfully original idea. She has put her blossoms in a fine old cruet, the kind that used to hold vinegar and oil and the other favorite family condiments. She did not say whether or not hers is an old family piece. But it doesn't matter, really, for pieces similar to this are often to be found in curiosity shops. Its an idea for now and all the year round.

An entrance rail that isn't a rail at all—that's what Mrs. W. A. Weidely has contrived, at her delightful little cottage at Gates Mills, Ohio, known as "The Patch." Two wagon wheels painted white to match the house, either side brick steps, give a sweet country atmosphere, nicely out in the carriage lantern by the door.

You know yourself how flattered you are when one follows your pet recipe or decorative scheme we're very flattered at the photograph below, which an out-of-door fireplace at the home of Mrs. Ernest of Greenville, S. C., built after directions published AMERICAN HOME in June, 1935. We can almost ta hamburgers and weiners

Someone has been ve genious in planning a co tion garage and tool hou shows much more orig than many of the ba garages we have seen. W pect that person is LeR Thompson, architect, of Illinois, who sent us the graph of his own garage the interesting roof lin dormer windows, the w boxes and the little mir dormers on the tool hou the birds. Rock garden pl adds a great deal to th turesque charm of the bu



Almost without knowing it we find we set up certain standa considering the many new ideas that come filtering in to us readers, from manufacturers, from the shops. These show origi good taste, and real soundness. The readers' ideas on this page these specifications, we think. And we shall be glad to know others. Remember that we have space for only those which messages to a great many readers rather than isolated problems

Intelligent Precautions against SORE THROAT *and its sequel the* COMMON COLD

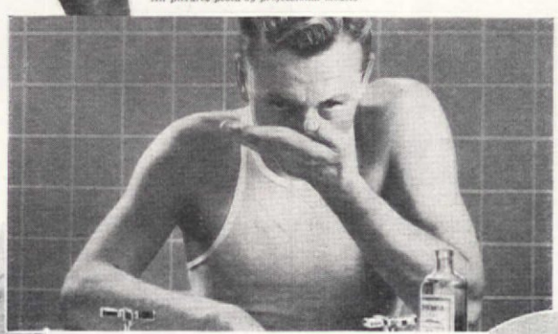
NO one can cure a cold . . . but colds and their usual symptom, a sore or irritated throat, can often be prevented by the systematic use of Listerine. Thousands of people in the past fifty years have written us to that effect. A few recent letters appear here.

Such convincing personal experiences have been corroborated in no uncertain manner by a number of carefully supervised tests begun in 1930, in which the health of non-users of Listerine was compared to that of those who used it.

These tests showed that those who gargled Listerine twice a day or oftener caught fewer colds than non-users. When Listerine users *did* catch cold, the infections (for such they are) were milder and of shorter duration than those of non-garglers. Against sore throat, similar results were obtained—Listerine users having fewer cases than non-users.

To what are such satisfying results due? The answer is: to Listerine's safe, though powerful germicidal action . . . its ability to kill germs of cold and sore throat deep in the throat, where so many colds start . . . its ability to relieve inflammation quickly. Why not get in the pleasant habit of gargling Listerine morning and night? Lambert Pharmacal Company, St. Louis, Mo.

All pictures posed by professional models



Clears nose passages—checks cold

"One of the most effective uses of Listerine is in stopping an incipient head cold by snuffing it up into the nostrils in varying degrees of strength, depending on the sensitiveness of the nasal membranes, and then deeply inhaling the fumes. It has always worked quickly for me, especially when used as a gargle at the same time."

S. G. C., Philadelphia, Pa.

Seldom catches cold now

"My husband is a street-car motorman. Being out in all kinds of weather he developed a hacking cough which persisted throughout the early spring months. Last winter I persuaded him to try Listerine. Within two days his cough disappeared. From that time I have kept Listerine handy and so far this winter he has been entirely free from colds or any sort of throat irritation."

Mrs. C. D. P., Fort Wayne, Ind.

No colds for her 11 year old

l to write and tell y ,u how marvelous Listerine has for my son of 11. I ast year I started with him going hool gargling his throat twice daily, and he did not a day of the whole year. This year he is doing the and has the same good results. Now we all use it many thanks to Listerine."

Mrs. D. H., Hampton Bays, L. I.

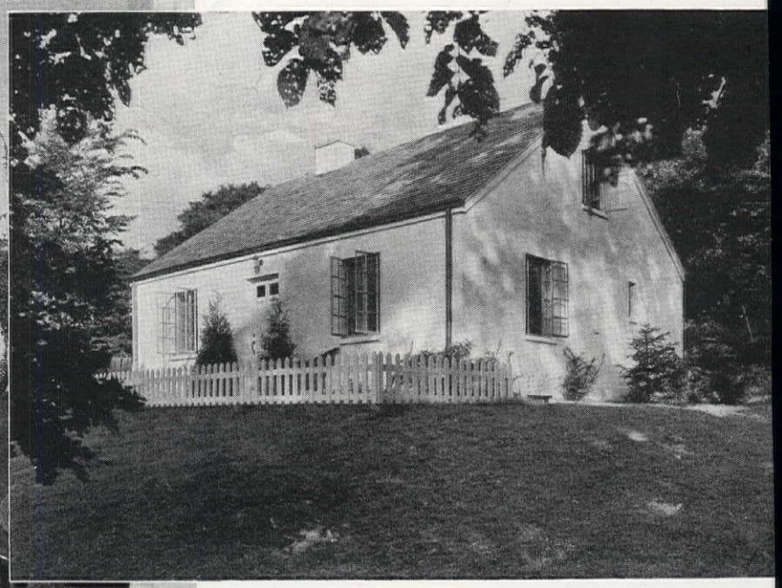
LISTERINE

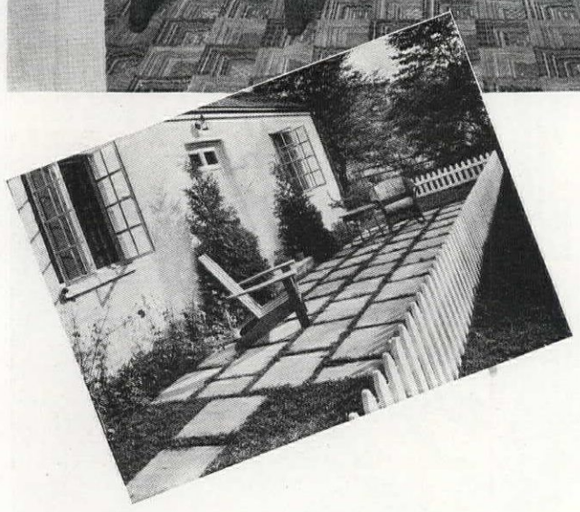
THE SAFE ANTISEPTIC

Teacher checks sore throat quickly

"I am closely associated every day with many little people in my public school kindergarten. I also possess a very sensitive throat. Every sneeze is immediately followed by the beginning of a sore throat. But it does not go any further. I fly for the Listerine bottle. I keep one at school as well as at home. I certainly appreciate what Listerine does for me." *Miss H. McK., Cincinnati, O.*

The home of Mrs. Doris L. Burbank, Bedford Hills, New York. Concrete walls painted inside and out; concrete first and second floors; painted concrete ceiling shown





A home that only CONCRETE *could build.*

Here is all the snug security and friendly warmth of the traditional Cape Cod style in a low cost home of which *Architectural Forum* says: "Distinctive and virile charm—every bit of material and construction is modern."

No wonder smart people are planning concrete homes. For concrete's beauty is adaptable to any style . . . gives a wide choice of new, warm colors and textures. Concrete sturdily resists the ravages of fire, storm and decay. It builds a carefree home; cool in summer and easy to heat in winter; dry and rigid; no creaking floors; no sagging doors, windows or walls. Build economy and permanence into your new home with concrete walls and flo

Finest of Floors—at Low Co

Thanks to new building methods, h owners can now have the same kin concrete floors so widely used in lu rious hotels and apartments. The warm, rigid, quiet, and they take any k of covering—carpet, wood, linoleum simply colored and waxed. A diffe treatment in every room if you w

• • •

Tell your architect you want a conc home. Before you build ask a concrete tractor or concrete products man to estim your house with firesafe concrete walls floors. Be sure that your architect and bui are familiar with the new concrete techni

PORTLAND CEMENT ASSOCIATION, Dept. A4-5, 33 W. GRAND AVE., CHICAGO,

Write today for attractive illustrated booklet "*22 Low Cost Concrete Homes,*" showing numerous typical concrete homes with floor layouts. Also practical hints that will help you consider the possibilities of concrete for your home. Block floor plan of above home will be sent free on request.

PORTLAND CEMENT ASSOCIATION

Dept. A4-5, 33 W. Grand Ave., Chicago, Ill.

Please send me your booklet of design ideas "*22 Low Cost Concrete Homes.*"

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Ask any SUPER SHOPPER*

*She's careful of quality and critical of cost

What should I look for in sheets? How can I tell the difference? What's the best test for value?

FIRST AND FOREMOST—*find the Cannon name!* Cannon Mills are the makers of Cannon towels and the world's largest producers of household textiles. Anything that carries the Cannon label is your first choice for high quality at low cost. That label is always a sure test for value. Use that test first. . . . The next step is simply to decide exactly what you want in sheets. Whatever it is, Cannon can meet your wishes and save you money too. . . .

If you want the best low-cost, long-service sheet, look up Cannon Muslin, regularly selling at about $1.20.* This sheet is strong, tough, durable, but soft and uniform. Now packed in Cellophane, to save you the bother and cost of a first laundering.

If you want luxurious comfort, at modest cost, find Cannon's Utility Percale, about $1.75* each. A new percale sheet, original with Cannon. Stays fresh longer. Wonderfully soft and smooth. Made of selected cotton in a firmer and closer weave, with 25% more threads to the inch than heavy muslin. Yet much lighter in weight, easier to handle, and less costly to launder. Sold in the new Utility Pack (*patent applied for*)—for cleanliness and convenience. . . . All this at little more than the cost of a good muslin sheet!

If you want top quality at much less than top cost, buy Cannon's Finest Quality Percale, at about $2.50.* The last word in bed-time luxury—for almost a third less than what you may have been paying. Smooth. White. Firm. Fine. Exquisitely hemstitched (and monogrammed to order by your store at small extra cost). Cannon Mills, Inc., N. Y.

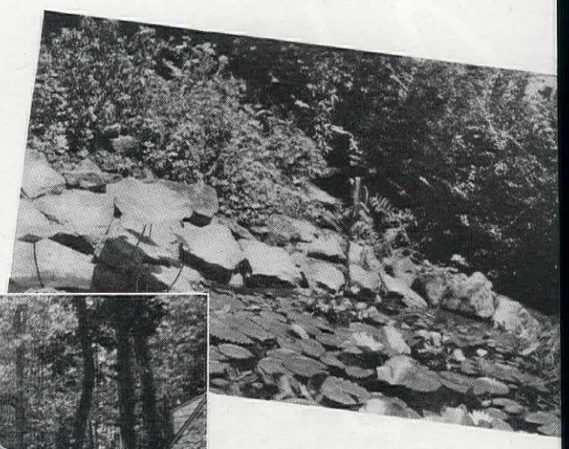
*Prices slightly higher west of the Mississippi

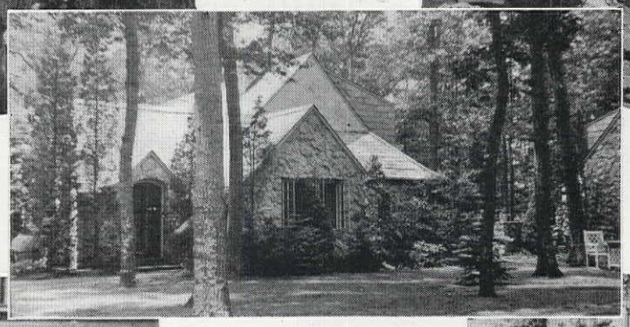
Cannon Sheets

TRADE MARK MADE IN U.S.A. CANNON

THE FIRST NAME IN TOWELS IS THE LAST WORD IN SHEETS

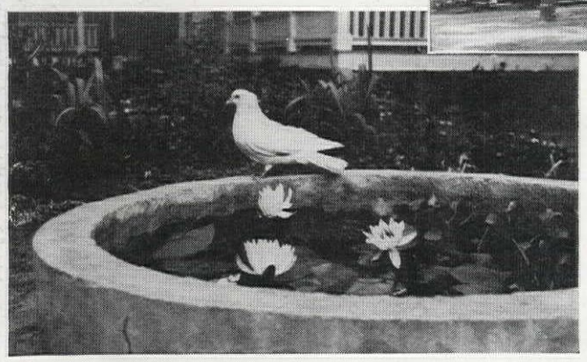
Left: Garden of Mr. and Mrs. Paul Peterson, Princeton, Indiana. Right: Garden of Mr. and Mrs. John F. Simmons, Birmingham, Alabama



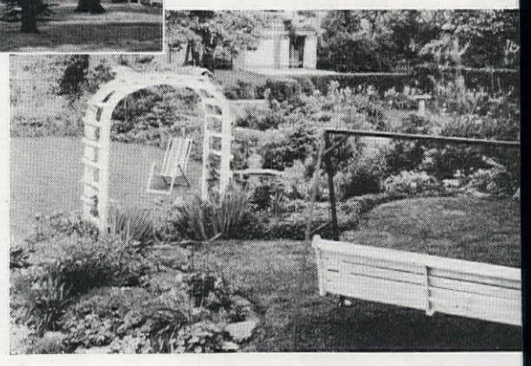


Below: Pool in the garden of an American Home reader, Mrs. Creutzfeldt

Below: Garden of Mr Mansfield, Rockford,



Above: Home of Dr. Ernest A. Du Brul, Brightwaters, New York



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Garden Facts and Fancies . . . . . *Leonard Barron*

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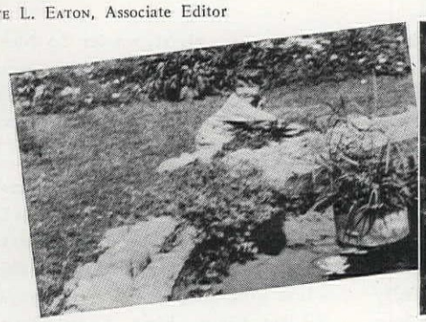

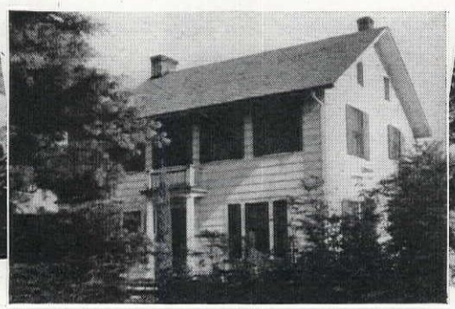

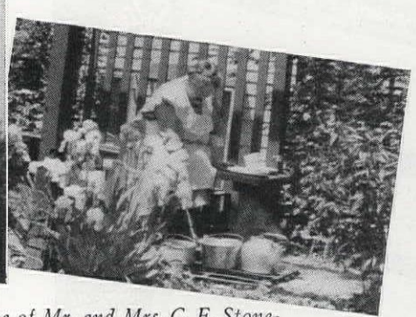

Left: Pool in the garden of Mrs. Belle Hammer, Modale, Iowa. Center: Home of Mr. and Mrs. C. F. Stonecipher, Hendersonville, North Carolina. Right: Garden of Mrs. Ross Loughborough, Rochester, New York

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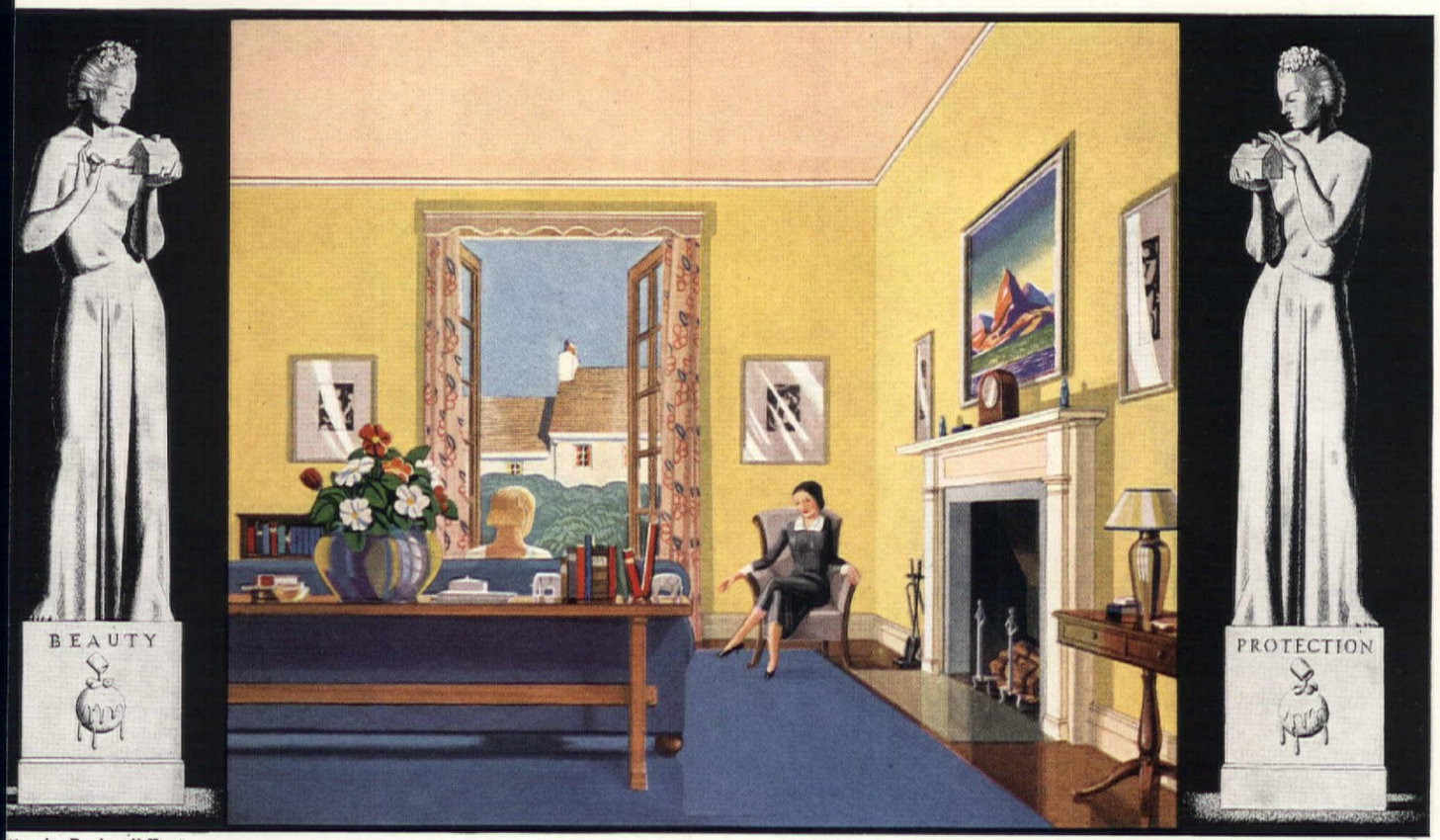

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BY SHERWIN-WILLIAMS

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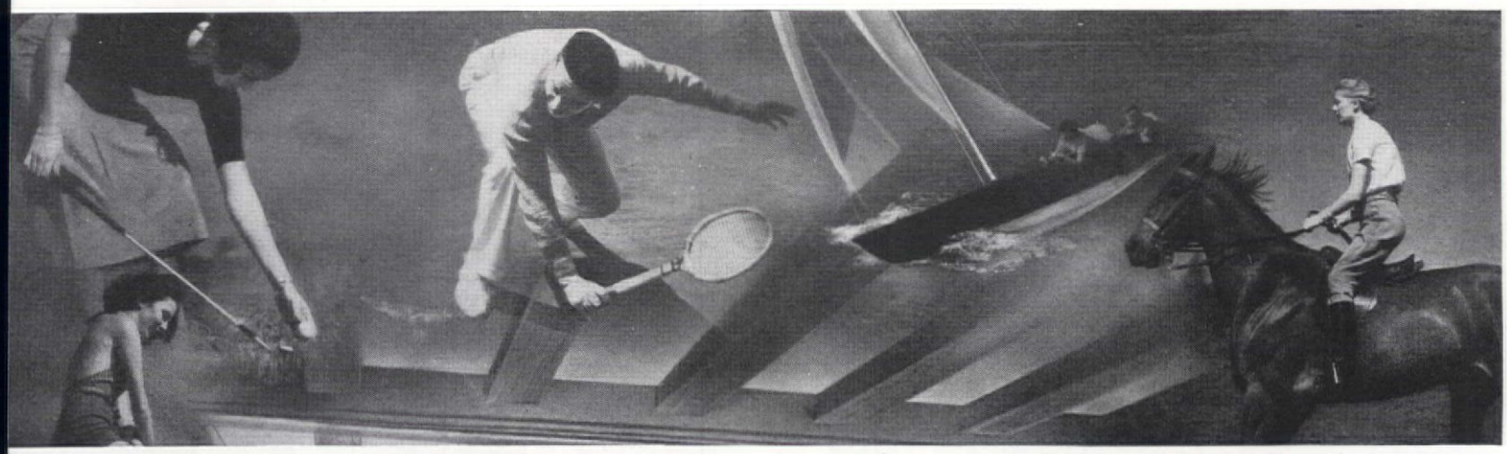

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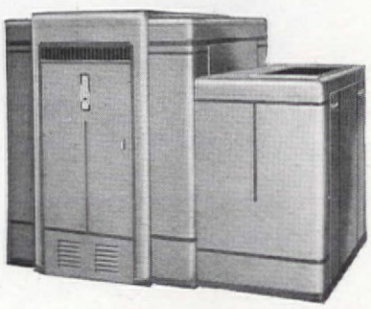

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A Magnolia tree brings spring to a New Jersey garden

GARDENS and MORALS

A young author once wrote a story which he considered an exciting and thrilling mystery yarn. He titled it "Murder in a Garden," and sent it to an English publisher. The publisher immediately answered and said, "Story good but title very bad. People do not murder in gardens."

ORMA KNIGHT JONES

HE publisher was quite right. Being Eng- lish, a garden was to him, a sacred place. at title would have been equally distaste- to most of us who are learning, year by r, the precious necessity of a garden. rder in a garden would be as unbelievable murder in a church, or at a shrine! For garden serene and sure of its certain in- nacy with the secrets of life, is the last ce in the world for an exhibition of pre- ditated violence.

n fact all the human passions, brutal and el as can be conceived by mind of man, d an ameliorating influence in a garden. hen you walk in a garden, wrapped in a ppy dream of color and fragrance, you conscious of a kindly feeling toward your arest enemy.

A garden answers the very first laws of definite morality, because it concerns itself th fundamentals. A garden breeds patience, pe, faith, perseverance, and love. You have be patient in your love for a garden; u have to be devout in your faith; you ve to be hopeful in your perseverance. ne of the superficial gestures of a worldly sdom bears grace in a garden.

I have a dear friend who proved recently at gardening is a distinctly moral occupa- n. She had owned a large estate in the st. She engaged the expensive and highly ecialized services of a landscape artist, who rrounded her Colonial house with an im- essive garden, formal and impersonal. He ought the flowers into the house and she ranged them in an equally formal and im- rsonal manner. But something happened: th the loss of most of her income and the rge estate, she is tending a smaller and more rsonal garden herself. She wrote me saying, am bitten by a garden bug and have a well- veloped case of garden rabies—and love it. have discovered a new world! I was growing rd, cold, and supercilious and now I am arning to be tender, warm, and gentle. I n learning how to live from my garden." hen she added, in a whimsical postscript, just think of the money I paid that land- ape artist to increase his moral fiber."

She has realized that the making of a gar- n does open the door of a new world, that does impart moral strength. I believe that aking a successful garden requires a moral per second only to rearing a child and it equally uncertain. The strength comes from our application to the job; that is why aring children and making gardens are so aluable to human beings.

In this modern age of scepticism and so- phistication perhaps it is rather mid-Victorian even to speak of morals. Yet there are certain fundamentals of the human soul that make for decency, civilization, and culture—in the final analysis—for the foundation of morality. No other subject, except the weather, has been so widely discussed as morals. Mark Twain said: "Everybody talks about the weather but no one does anything about it." Today we have moments of despondency when we believe no one is doing anything about morals. Despite the wide conversation and numerous books about morals, the common conception is rather vague.

Someone has said, "Morals are the ethics of personal conduct." Very good, but it must be remembered that personal conduct is governed not only by geography, and climate, but also by race and the unwritten traditions of a people. There is the blue clad Chinese peasant burning his scarlet candle before the wooden faced goddess of the good earth. There is the pious Hindu prostrating himself before the fearful and ancient god, Shiva. Both are conducting themselves according to their idea of personal righteousness; both are conducting themselves with profound sincerity. Though it seems strange to us, yet it is in the line of their moral conduct. It is difficult perhaps impossible to set up a dogmatic standard to measure a person's morals.

But there is something deeper and infinitely more significant than the moral gesture, something that goes beyond geography and race, and that is the real integrity of the human spirit. This is morality of the soul, and concerns itself with the universal virtues, such as patience, hope, faith, perseverance, and love. These qualities in any country or race make for decency, civilization, and culture. These qualities, which in some degree lie dormant in each human being, ally themselves with the laws of Nature. To be patient as the earth is patient for recurring life and vigor; to be hopeful as the silver birch is hopeful for its returning splendor; to have faith in the resurrection of summer following the death of winter; to love because you create: these are evidences of a definite inner morality.

IT IS curious how all these sterling and important virtues come to the person who makes a garden. Where, in this world of doubts, is the simple act of faith more inspiring and more stubborn than in the actual planting of a tiny seed? Where, in this impatient world, is the attribute of steady patience more assiduously applied than in the slow process of garden making? Truly, to make a successful garden is to practise every ethical virtue.

Most of us desire to be good citizens, to be assets instead of liabilities to our community; we want a working and vital part in the natural happiness of the world. But how to attain that desire? Today we are faced with many alien forces that distract our minds, many desperate problems that demand solutions. In order to live with any degree of happiness, we must build up a wall of personal resistance. It is impossible to live without a personal philosophy, it is our armor against the biting blows of an adverse world, it is our road to a contented life.

BUT in order to be an asset of value to our community, this personal philosophy must never be of purely selfish intent. It must be an altruistic development of benefit to others as well. It is amazing how making and possessing a garden of one's own, encourages this personal quality of resistance to the world's importunities. Also how definitely it benefits the other fellow. A garden is a two-edged blessing, as are all blessings, magnifying its beauty and value equally to its creator and its beholder.

I do believe that a garden yields more physical, mental, and spiritual profit than any other human activity yet devised. Making a garden is the most effective method of inducing physical well-being; it is the most efficacious avenue of education; it is the wisest road to spiritual understanding; and any activity that can accomplish these three purposes is indeed a priceless aid to morality.

Let us glance at some of these ethical benefits that accrue to the makers of gardens. On its purely physical side, nothing so quickly gives a return of bodily fitness as garden work. It is far better than exercise in a stale gymnasium. It is far more moral than golf, because the results are never completely personal. Perhaps no one is vitally interested in your golf score except yourself; but the same amount of interest and exercise expended on a garden is of interest and delight to the whole community. Even if we do not share our garden in the strictest sense, its riot of color, its soaring fragrance, and its natural beauty belong to any casual passer-by.

This bodily renovation from the making of a garden is keenly understood by psychiatrists of today who know and understand the needs and ails of the human soul; they often recommend making a garden as the means of restoring a lost interest in life. They recognize

[*Please turn to page 108*]

SWEET WHITE VIOLET

Native plants for SHADED GARDENS

ELIZABETH ANNE LYNCH

All too frequently, a densely shaded area becomes a problem. This is especially true when an attempt is made to grow grass with the discouraging result of a few green blades here and there and an abundance of bare brown soil. Of course it would be impractical to use the space for a garden with the more common sun-loving annuals and perennials, so why not follow Nature's lead and make that shaded area a natural dell of native American plants that thrive only in the shade of woods and trees? Since few of the woodland plants produce conspicuous flowers, the effect will be a green garden—a tranquil retreat from the heat of a summer sun.

For such a native green garden, ferns are the foundation to which other gems may be added. There are numerous ferns and an acquaintance with one or two instills a desire to know the whole family. The majority of ferns pr shade and many will grow in a rich se moist soil. Some are adapted to growth am rocks. A study of a fern in its native hab will reveal the type of soil best suited to particular needs. There are tall-grow medium and low-growing ferns; some evergreen; there are those of delicate coarse textures; but all are green and all an interesting accent to a natural devel ment. The following is a list of ferns selec for different soil conditions.

For dry shady places: Hayscented f (Dennstedtia punctilobula), Leatherwood f (Dryopteris marginalis), Interrupted f (Osmunda claytoniana), Christmas f (Polystichum acrostichoides), Ostrich f (Pteretis nodulosa).

For moist shady places: Maidenhair f (Adiantum pedatum), Lady fern (Athyri filixfemina), Crested Wood-fern (Dryopt cristata), Royal fern (Osmunda regal Christmas fern (Polystichum acrostichoid

For dry rocks: Ebony Spleenwort (Asp nium platyneuron), Walking-leaf fern (Can tosorus rhizophyllus), Common Polypo

BLOODROOT, blooming in early spring. Later, the flowers give place to the glaucous gray-green leaves

Polypodium vulgare), Woodsia (Woodsia obtusa). Ferns are best transplanted when dormant, that is either fall or early spring when growth is inactive. repare the soil where they are to be planted by loosen- g and adding leafmold and loam if necessary. Rocks e desirable near ferns as they have a tendency to keep e soil cool.

Other plants to group with the various types of ferns ust be chosen largely for their foliage traits because oodland plants are in flower only a comparatively ort time. Trilliums (Purple, White, and Painted) ake interesting groups both when flowering and when t. Violets are adapted to shade and there are many nds from which to choose including species with yel- w, white, blue or purple flowers. The round green aves of the Bloodroot are decorative, which compen- tes for such a short blooming period. Columbine liage is dainty, and when in flower this plant adds an ttractive color note. Wild-ginger with its unusual ower formations makes a green groundcover as do also e blue flowered Myrtle (Vinca minor) and the Creep- g Dogwood or Bunchberry (Cornus canadensis). ack-in-the-pulpit furnishes an amusing emphasis mong the greenish flowers. Anemone, Hepatica, Solo- on's-seal (both the True and the False), Lily-of-the- alley, Pipsissewa, Closed Gentian, blue Lobelia, Meadow-rue, and the various Ladyslippers will all dapt themselves to artistic groupings featuring green. elandine (Chelidonium), looked upon by some as a ere weed, is a most dainty, as well as hardy, plant r a green garden. It has a delightful green foliage with mall yellow blossoms and since it selfsows its seeds rofusely, it quickly covers a bare area.

Often another color will so contrast as to emphasize articularly the restful color of green. A bright spot f red Bee-balm (Monarda) blooming among foliage ill tend to make the leaves seem exceedingly green. The brilliant red of the Cardinal-flower has the same ffect. Paperwhite Narcissus in bloom against a bank of erns makes both the green and the white unusually mphatic. If the location be at all swampy, Marsh Marigold will provide a mass of rich yellow during its lossoming period. Deep blue flowers stand out least f all against green.

A path winding through the natural type of wood- and garden makes its layout comparatively easy. Gray tones edging the path will form a picturesque setting

FERNS. Above, two of our outstanding Ferns which will add grace to any shaded glen. At the top, the Christmas Fern, evergreen; and below it the delicate Maidenhair

For gracefulness and foliage form; for diversity and for color brightness in deeply shaded glens, the Ferns excel all other plants. The picture on the left shows several of these leaf forms

about which ferns and Violets may cluster. Stones are not always easy to obtain and their use may be eliminated by planting an informal border of low ground covers. On both sides of the path plants may be grouped according to their heights so that the tallest plant materials will be well in the background. It may be convenient to enclose the garden with tall shrubs. The native Rhododendrons and Laurel (Kalmia) would be quite ideal for this purpose, or in fact any of the usual shrubs that tolerate shade.

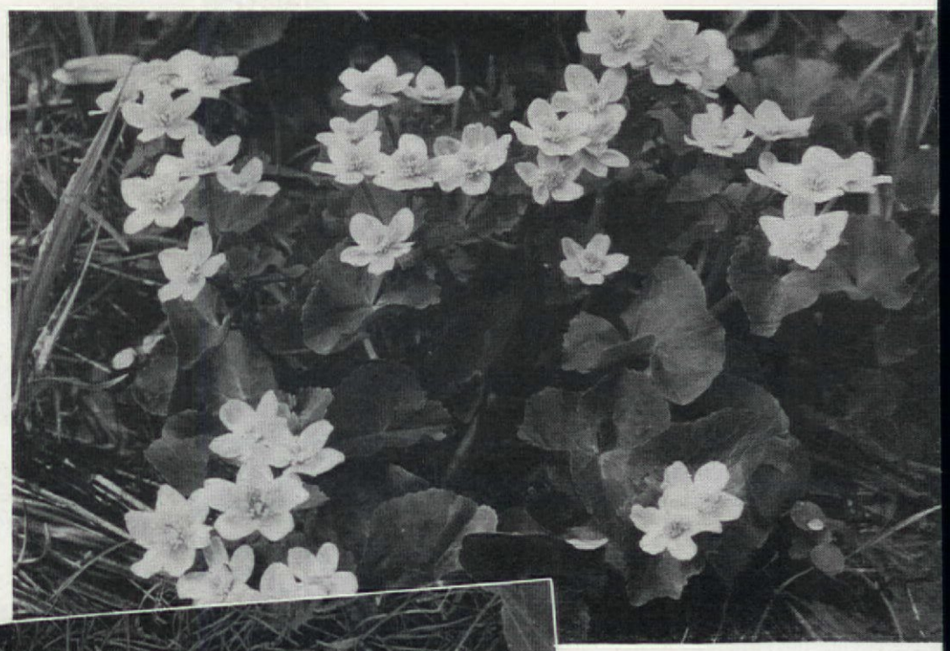
Although the chosen plants need little or no sunlight, most of them will appreciate a rich, well cared for soil. The complete area should be thoroughly spaded and if necessary richened. The plants placed in such a soil should respond to its fertile condition by covering the area with an abundance of healthy green foliage. And, strange as it may seem at first thought, a garden consisting chiefly of green foliage will provide a great deal of pleasure to its creator. Interest of course will center about the various types of foliage and the way the plants are grouped. Such a garden furnishes a pleasant diversion from the more common (and hence more trite!) gardener's specialties—the rock garden and herb garden—and may eventually lead to the fascinating and worthwhile hobby—that of collecting ferns.

The following ferns are native to a large section of our country and their interesting habits will warrant their presence as a nucleus to the fern collector's garden in the shade.

The Common Polypody is one of the most widespread ferns in the world. It thrives on a rocky ledge and occasionally grows on the trunks of trees and fallen logs. It spreads rapidly by means of its roots, a fact which is responsible for its name, polypody—many feet. This fern is admired for its fresh green fronds the greater part of the year for, if the winter is mild, the plants will retain their summer vigor during this season. The young fronds appear in spring and by the middle of July the yellow fruit-dots, by which the fern reproduces, are well developed on the under surface of the leaf. So beautiful did Thoreau find the polypody that he marveled that its form had not been copied by our sculptors in place of the foreign acanthus leaves and bays!

The Maidenhair is a favorite fern to many. Its appearance suggests fragility, yet it is not difficult to cultivate. It luxuriates and rewards its grower if planted in a rich, moist woodland soil. Its dainty green leaflets are upheld by even daintier shiny black stems from which the name maidenhair doubtless originated. A healthy group of this fern is an asset to any native garden not alone for its beauty but also for its utility. For a sprig of Maidenhair v do wonders in bedecking a fastidious nose of delicate summer blossoms.

The Christmas Fern is perhaps the b known of the evergreen ferns. Because throu out the winter its fronds are a beautiful sh dark green, this fern is widely cultivated winter decorations. It grows abundantly rich woodland soil and hence is well adap to shade. During the summer the Christm Fern stands erect but with the coming of c weather, the fronds lie prostrate on the grou due to the decay of tissues near the stalk ba Thus they remain all winter until early spring the new fronds appear. Their delica of color contrasts pleasingly with the da leathery fronds of the previous year. It is



MARSH MARIGOLD. Its brillia gold enlivens the swampy ma gin for pools and streams

TRAILING ARBUTUS, the Mayflower of New England, pervades the air with fragrance and thrives in rotted wood and humus with a northern exposure

uncommon for this fern produce a second growth fronds during the month August. The variety crispu may be recognized by its ru fled pinnae (leaflets) and w be found growing in rich woo soil.

Another evergreen fern th is not as common as it is inte esting is the Walking Fern. prefers to grow on shady lim stone rocks and for this reas its habitat is limited. Duri the summer the tip end of long frond of the Walki Fern is thrust into surroun ing mossy soil where it giv rise to a new plant. At th point rootlets and tin fronds appear and the fe has "walked a step" farthe During the following summ the young plant severs its co

PATICA, that often shelters itself at the base of shrubs and blooms in earliest spring, even under the snow; blue with pink and white varis. It is one of the most reliable of our natives and easily establishes

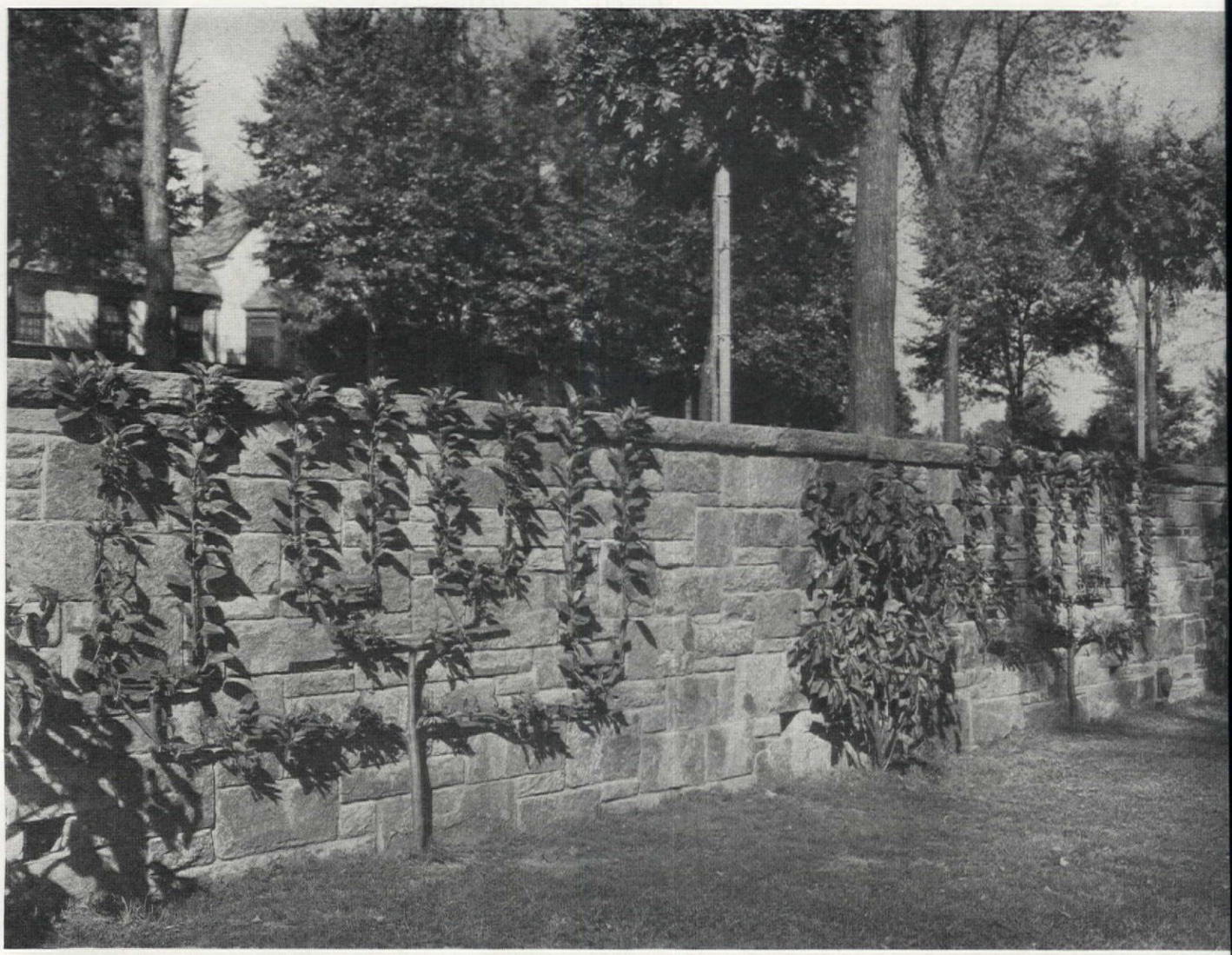
tions with the original fern which soon withers away. The nt itself is not, strictly speaking, fernlike in character. The nds are not divided into pinnae or leaflets as are most fern nds, but that it is a fern is assured by the sori or fruit-dots the under side. If soil conditions are favorable to the Walk- Fern, it will present a diverting feature in one's fernery.

Among the common larger ferns easily cultivated in a native den are the Cinnamon, Interrupted and Royal Ferns. They ve best in a damp soil. All three are known as flowering ns because their fruiting fronds are flower-like in character. e fertile fronds of the Cinnamon fern are characteristically namon brown and appear in May. During the summer they her and disappear from sight among the tall green sterile nds. The Interrupted Fern is often confused with the Cinmon. Near the middle of a fertile frond of the Interrupted n there is an "interruption" where the fertile spore cases are ne. These form the flower-like parts of this fern. At the tip a fertile frond of the beautiful tall Royal Fern, the fruit ormed in a cluster which strikingly resembles an odd flower. e Royal Fern is particularly admired for its graceful foliage beautiful green.

In planning a garden in the shade which will provide green- during the spring and summer months, opportunity for or display in the fall should not be overlooked. Native woodd plants proffer abundant material for color harmonies and ntrasts. The Hay-scented Fern glows with a delicate yellow d bleaches white at the first sign of frost. Woodbine in autnn is a glorious combination of red and gold. A background Sumac furnishes red-orange foliage and dark red fruits which y be used effectively for indoor decoration. Berries of the le woodland plant Clintonia turn a vivid blue. The berries of e Baneberry are pure white with a black spot, thus giving m the appearance of doll's eyes! These berries are borne on dark red stem. Trillium, Jack-in-the-pulpit and Solomon's-l all provide bright berries. Bittersweet with red and orange rries, Elderberries of black, and the brilliant red of the Winberry furnish an assortment of color and form. And so, even autumn, with this varied collection of foliage and berries e may gather from a native garden as fair a bouquet as ever s picked from a cultivated garden.

Individual circumstances, of course, will influence what will planted in the native garden. A shaded area might include a g, in which case the golden Marsh-marigold would be a joy. might be a rocky hillside where the fragrant Arbutus could grown. Or it might be a dry pine woods where the Pink Ladypper, Wintergreen berries and the Rattlesnake Plantain uld thrive. Whatever the soil condition may be, there are merous plants from which to select an attractive grouping to rm a native garden in the shade.

ADYSLIPPER. One of the rare gems of our native oodlands is the Pink Ladyslipper. It lends itself not at l easily to transplanting into gardens but by adequate il preparation may be established. The wise planter ill get nursery grown plants from specialist dealers



H. H. Cos

TRAINED FRUIT TREES for your garden

HANNAH REID WALKER

If you have tried almost everything else in your garden and crave something different as well as charming, it is quite likely that trained fruit trees will please you. Although not difficult to raise and commonly seen in European gardens, these trees are still rather rare with us. A joy to the eye when in blossom and a joy to the taste when in fruit, they readily appeal to any gardener.

Where economy of space is a factor trained fruit trees are indeed a boon. Taking almost no ground or air space, they spread out their branches over wall or fence. But even where space is unlimited you may prefer the trained trees because of their unusual decorative possibilities.

You may have your choice of nectarines, peaches, pears, apples, apricots, plums, cherries. The term used to denote training trees in this way is espaliered, from the French word *espalier*, meaning trellis, and refers to the training of fruit trees for walls, fences, or as borders to the walks of the kitchen garden. Some are trained horizontally, other perpendicularly, and some with branches turned up at right angles from the horizontal. The angles, by checking the growth, promote early fruiting.

When the trees are trained against the wall a space of six to eight inches should be allowed between tree and wall to permit air circulation. The wall should be wired horizontally with about one foot between the wires. When a wall is not to be used a trellis or other support may be easily provided.

The trees come to you on frames which should be left on for about a year after planting. This will give them a chance to get well started in the way they are to go, preventing them from lifting up at the angles.

All shoots longer than four inches are to be cut back to two and a half inches about once a month during July, August, and September. In the spring and winter the previous year's top growth is cut back to two feet. This causes the tree to produce bearing spurs. There should be between two and three inches between spurs.

It is best for balanced effect to keep the main branches of the trees equal in length. After the desired height has been reached cut back the branches to one eye each year. If they then become too high they can be cut down below the level of new growth and space t allowed for future new growth. These trai fruit trees may be raised to almost any desi height, ranging all the way from five to fift feet.

Peaches and nectarines require slightly ferent treatment from the other trees. pruning should be done during the summ Every new shoot should be pinched to t eyes, resulting in obtaining two new you branches. In the following spring one of th branches should be allowed to bloom and other pruned down to two eyes. This, in tu gives the two young branches for the com year. This practice carried out every year f nishes a contant new supply of young wo It keeps side branches from becoming too and taking all the strength. This method most doubles the era of productivity. Dur the dormant period the bearing spurs are eas recognized, for all the blooming eyes double. For this reason it is easy to dec which bunch to leave. When the side branc of peach trees have attained fifteen inches th should be tied back to permit the sun and li to reach the eyes, as the bearing eyes devel on the new wood during the months of S tember and October if exposed to the sun.

ıy plants from the mountainous regions or from the rs on the roof of the world seem happy in almost condition of sun or shade in the bog garden

NDERSON
CULLY

RARE PLANTS *for the pool side*

The showy Ladyslipper, in a congenial home, 3 feet high; and, above, left, a new Primula from Asia, P. Loezi, for the drier edges and partial shade; and Washington Lily, left, to be tried only where really swamp conditions prevail

oG gardens are moist, but should never be stagnant, gardens more usually filled with considerably richer than that found elsere. It is not strange that so many plants ive exceedingly well here, not strange that s of those recommended grow so long. What more surprising is that we so many times ain real beauty from the conglomerate maial that never was designed for neighborss.

Bog gardens differ. In dealing with wide rshy stretches on large estates, we are glad welcome bold shrubs of wide spread, even es; and doubly welcome are those plants dy to fare forth and conquer the earth once en a foothold. But more often the bog at nd is the curtailed part of our garden—the ound near the pool or along the tiny stream, a small space moistened by an overflow let, possibly the bottom of some small oded ravine. For choicer places of this type seek rather the more elusive plants of beau—Ladyslippers, Gentians, certain Lilies, some Primulas and Saxifrages; while toward the drier edges Rhododendrons bring foliage and blooms of beauty to enclose the little garden. Many of the Heaths grow well among them. Fairly recent hybrid Astilbes raise soft spires of flushed pink. Then for wet rocks are several unusual Sedums that mock the tastes of all their family. The Western S. yosemitense is among these.

North America is rich in Gentians that grow in boggy places. Many are excellent for large gardens; but in choosing from them we need to go somewhat warily if we are seeking color, for wet place Gentians tend so often to overmuch leafage and exceedingly little bloom. The Fringed Gentian is a true beauty, but unfortunately seems to be of a parasitic nature as well as biennial. It is difficult to grow away from its native swamps. One dealer claims to have good nursery grown stock for transplanting, but advises strongly against the use of any undecayed leafmold with it.

Of seemingly easier temperament is the Western Fringed Gentian (G. elegans), also a biennial, but one that apparently grows much more readily from seed. This is a somewhat darker azure blue, but a truly beautiful flower that stands close to the European G. serrata.

For a small choice treasure with considerable moraine mixture in the bog, irreproachable drainage, and a place in the sun, the Spring Gentian (G. verna) makes a handsome little marching host. G. bavarica may also be used. Let some of the daintier moisture-loving Saxifrages accompany these—S. tolmiei or S. bronchialis of British Columbia in similar moraine mixture. S. aizoides does well in more usual bog.

Then we have a group of Gentians from the mountains of our West that are moderate in stature, large in flower, and small in leaf, with easy dispositions that yet refrain from ramping—G. calycosa and the still finer G. bisetae, more compact in habit and larger in flower. G. parryi of the Rocky Mountains belongs to this group, but has more purple in its coloring.

These for the pool side: conditions are, of course, exceptional and such plants as enjoy the water-laden swampy environment do not take kindly to conditions of the normal flower bed. Immediately below, one of the Gentians, Gentiana pneumonantha, a representative of a fascinating group of plants that demands special conditions, however

Western Ladyslipper,
Cypripedium montanum

Asiatic Ladyslipper
of doubtful identity

These all give good mid-summer bloom in gardens, often holding into fall.

In larger gardens when a foliage as well as a blooming plant is desired, the pneumonantha group may be called upon. The type itself is a deep indigo blue that blooms all summer, usually from eight to twelve inches high. This is for a sunny exposure, while the Willow Gentian (G. asclepiadea) is two or three times as tall, and prefers a shaded wooded slope.

The Ladyslippers are treasures for the woodsy bog with peaty soil. The Showy Ladyslipper (Cypripedium spectabile) forms a handsome clump of bloom. The more usual forms bear a rosy-purple slipper with white segments; but from time to time it is found with a truly bright pink slipper and rosy, or even snowy-white sepals. This is late blooming among the Cypripediums, coming in June. It is most often around two feet in height, though it sometimes reaches three.

All the Ladyslippers are surface rooting, spreading through the top leafy soil of the moist woodsy places where they grow, while each season's falling leaves add humus and protection. See that the top five or six inches of soil is made up of a loosely rich compost of peat, leafmold, sand, loam, and stone chips or gravel. Into this the clump should be shallowly set with the following year's buds above the ground. Even very little extra covering of perhaps three inches has been known to kill a good clump of the Showy Ladyslipper, and the entire family is very intolerant of any soil in the crowns.

The best of the other native Ladyslippers readily obtainable are C. acaule, C. montanum, and C. pubescens. The first named bears blooms singly in May on naked six to eight inch stems above a single pair of leaves. The large pouch is soft rose, and the sepals and petals brownish-purple. There are records of white-lipped forms with wings of yellow, but I doubt if these are obtainable upon our market.

C. montanum is a fragrant leafy species a foot or two in height, with twisted brown segments and oval lip waxily white. These are borne several upon a shoot.

Cypripedium pubescens is a larger flowered form resembling C. parviflorum, and with habit somewhat similar to C. montanum. The lip is light yellow, and the twisted, yellowish-green petals, much narrower than the sepals, are streaked with dark brown lines. This is delicately fragrant.

We have another native along the North Pacific in Cypripedium passerinum that is well worthy a place in the garden. This is six to eight inches high, and has straight roundish segments that do not twist. The Canadian form offered is white with pinkish markings; but the English have it as a yellow bloom with dark spottings at the base of the lip.

Europe and Asia both offer some extremely beautiful Ladyslippers. For those who can acquire the rather scarce Cypripedium luteum, C. macranthon, and C. speciosum there are even wider delights open. C. calceolaris is an English form that rather resembles our C. montanum.

The ferns make a natural and pleasing setting for Ladyslippers. The dainty Maidenhair is ideal near the plants; and in the background the larger Cinnamon and Royal ferns appreciate the moist conditions. Vancouveria hexandra is a charming groundcover among them, with foliage that somewhat resembles the Maidenhair fern. Creamy sprays of bloom borne through two months of early sum The running roots form goodly colonies, do not choke out other dainty plants. that the underground stem should be pla in a horizontal position, with any leafy s standing erect. Cover with about three in of friable loam rich in leafmold.

Practically all of the larger Asiatic Prim are happy in the bog garden, will bear considerable shade, and group well among various ferns. P burmanica is an introduc of the candelabra type from mountain Burma, with striking many-whorled bloom crimson-purple eyed with orange. The known P. sikkimensis prefers a place near water's edge, is one to two feet high, swe fragrant, and carries its heads of droo lemon-yellow bells in May and June. The gundy-crimson P. secundiflora companion well. For a lush bold plant, P. florindae of group nods its large umbel of yellow bells feet above the base.

At the other end of the scale is the beaut Himalayan Primula rosea grandiflora, more than six inches high, and bearing head wide open carmine-rose flowers. Do not c fuse this with P. japonica rosea of the cand brum group, which while happy in the bog an entirely different plant around two fee height. The little Himalayan comes from glaciers on the Roof of the World, but see happy in almost any condition of sun or sh in the bog garden, and will at times even ma merrily into running water.

Of the bog Lilies L. pardalinum most delig in these conditions; but the bulb itself must set above the water, though it takes a shall planting with a covering of but four or inches. Partial shade is best, particularly if base may be protected while the flowers s the sun. L. pardalinum relishes peat and le mold, but abhors lime.

Plants that like LIME

JESSIE F. GOULD

Some evidence has been offered that (broadly speaking) plants with blue flowers do better when the soil is limed. The Jackman Clematis, top, and our Western Pasque-Flower seem to support the theory

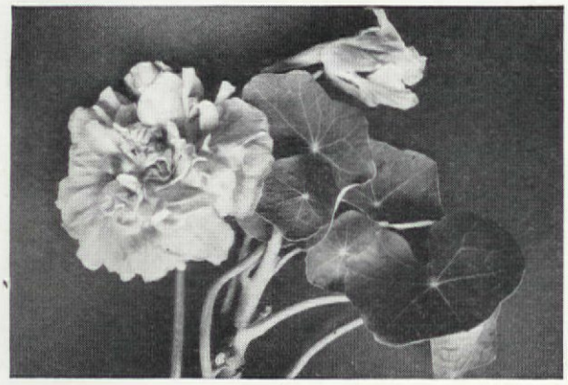
ERHAPS your garden would be improved by limings. It is a t of the greatest practical ue to the universal gardener t while the great majority of plants that we like most to w for garden ornament and cut flowers will grow in neu- l soils—neither definitely acid definitely alkaline, it is also act now pretty generally rec- nized by gardeners everywhere t there are some plants that mand an acid soil, and will not w at all in any region or any l that is distinctly limed or n-acid. This group of plants is ery popular one among gardeners, but can- t be universally enjoyed.

It is worth noting in passing that these d-demanding plants are generally comprised one great natural order or botanical group —the Heath family, including Azaleas and Rhododendrons as the best known members.

On the other hand there is a large group of plants that thrives best in a soil that has lime in it. When any use of the lime-liking (or calciphilous) plants is planned it is good common sense for the gardener to determine by a chemical test the nature of the soil to be used, and so ascertain how much lime it may be desirable to add to assure best results.

A rough sort of test may be made by blue litmus paper. If it turns red in contact with the soil moisture, the soil is acid and may be conditioned by liming. More exact are many of the specially prepared soil testing outfits offered through the chemical houses and leading seed stores which determine by colorific reactions the exact amount of conditioner necessary. Such outfits range in cost from one dollar up. Full directions for use come with the outfits, of course.

As there is constant leaching from the soil of both acids and alkalines through excessive watering or heavy rains, such tests should be repeated from time to time where definitely



While the ever-popular Nasturtiums will grow in almost any soil, still they will do their very best when slightly limed

acid preferring or definitely alkali (lime) preferring plants are being grown.

Soils lying over sandstones or shales are generally acid and in need of lime before full crops can be raised and so also are coastal soils in general; while soils produced from limestone are less apt to need added lime, except when covered by a deep layer of loess, or soil that has been deposited by the winds, and which may be quite different, often having been carried from a great distance; or when the soil has long been under cultivation.

Alpine plants divide sharply into two groups, having ei granite or limestone affinities. Among the limestone li group the Mountain Pinks are particularly respon

Tall Bearded Iris (left) is definitely a lime liker. Iris ind does well under other conditions too but a limed soil great health aid to the rhizomatous Irises—not the ot

The safest and cheapest form of lime to use, when neede finely ground limestone, or air-slaked lime, or marl, app in the spring at the rate of ten pounds to one hundred sq feet of bed space, every two years. Quick lime and wa slaked lime act very quickly and nitrogen, especially, ma lost before it is used. Bear in mind that lime is not a fertili but an ameliorator of the soil, favoring the developmen bacteria necessary in making available the nitrogenous c pounds, by changing them into nitrates, or soluble form will lighten clay soils; and on light sandy soils promote growth of plant roots thus ultimately increasing the org matter in such soils and making them more retentive of m ture. Mixed with layers of leaves, grass clippings, strawy nure, lime is a valuable addition to the compost heap, ma a fine fertilizer for the home garden. It is an interesting that leaves of maple, elm, and basswood decompose rap and turn alkaline, while oak leaves are much slower in de ing and form an acid compost.

[*Please turn to page*

BRIGHT HOUSEKEEPING

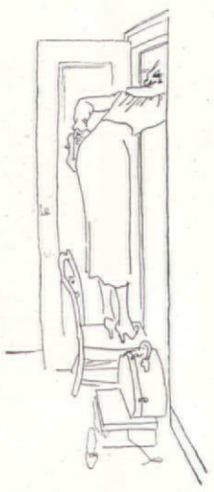
For her flying trip "North to the Orient" with her famous husband, Anne Lindbergh had a hard time shopping to find one pair of shoes that would be suitable to "wear at balls and dinners, and also at teas and receptions and also for semi-sport dresses and also for bedroom slippers." Many homes are expecting just such versatility of their lighting fixtures!

HELEN G. McKINLAY

E who do not fly to far away places, but build at home—or remodel or even ht a home in accordance with new ideals e still appreciate her predicament. Take r own living room for instance. You want one and only evening dress—light—to e it dazzlingly gay for big parties, cosy intimate little parties. And in-between always you want it to be ready for real k, prepared to provide a good reading t at desk and davenport, piano, tables, rs, to make all the family comfortable n evening. This is a lot to ask of a few ps and a lighting fixture or two. But it ot too much to ask of the right combina-

ight for living: Since first things should al- s come first, consider the comfort of the ily. If there are three who would like to d after dinner, and only one chair with good ding light, two new lamps are in order. Or may be enough, if it is one of the Better nt lamps which provides light for two irs and to spare. The diffusing bowl under shade directs ceilingward light from a reelite" lamp that will operate to give a le light for decorative effect; *more* for a gle table of bridge; and at top-notch will e good light for reading, sewing, or several les of cards. This lights room in general very tly while the light filtered ough the bowl adequately minates the book or work he person seated under it. These semi-indirect lamps isfy the requirements of od lighting in every way. st they carry a generous e bulb, which supplies nt bounteously—and lab- tory tests prove that as nt is increased, the nervous sion required to see is de- ased. Second, the light ovided is broken up or dif- sed, and has therefore a easing quality with none of the glare and harshness that causes squinting and eyestrain. Third, this lamp provides its own lighting background. Directly it throws light on the book or sewing, and indirectly at the same time it lights the whole room a bit. This means that when you look up from your work you do not have to re-adjust your eyes to very dark surroundings.

It is to save yourself this constant eye-adjustment that you are advised not to read by a bridge lamp for instance, in an otherwise unlighted room. A bridge lamp with a 75-watt Mazda lamp and a light-colored shade (or one with a light-colored lining at least) will provide enough light for one reading chair. But elsewhere in the room a ceiling fixture, wall brackets, or another lamp should be turned on with it to provide the proper lighting background.



If your davenport is away from the wall, it may be lighted by a large lamp centered behind. Otherwise, two lamps are needed—one at each end. Let these have bases tall enough to bring the light up to serve your eyes—not your elbows. Let them carry bulbs large enough to supply an adequate amount of light for seeing. (A 25-watt, a 40-watt bulb cannot produce the light that the Science of Seeing prescribes for safe, comfortable reading.) Let them have shades light in feeling, and broad enough to create a wide circle of useful light. This does not imply that your living room should resemble a lamp store. The same lamp—if it is one of the "broadminded" Better Sight lamps that spread light over a generous area — may serve lounging chair, desk, and radio. Still the cord attached to this measures seven feet. With most other lamps the cord is only six feet long, serving to remind you that there should be a convenient outlet in every twelve feet of baseboard.

Of course there are many who do not enjoy the luxury of enough convenience outlets. They try to be happy without enough, and make-shift by using double sockets in the outlets they have, and draping long cords around the room to get light where they want it. But this picture is not pleasant. What a pity that these are often the very ones who do not have a wall switch to control their lamps. So they must not only endure the inconvenience of turning each lamp on or off separately, but must brave the hazard of wading in the dark through a network of long cords to do it. What joy a few new outlets would bring them, and how they need a switch!

Dinner is served: For the dining room the taking fashion of twin lighting urns on the buffet or twin torcheres at each end of it

Sketches by Dora

brings up again the need for a convenience outlet with a wall switch so that these may be controlled simultaneously. Of course the outlet at the table, which is usually connected as a portable plug attached to the under edge of the table at the hostess' place for percolator, toaster, and such, should be unswitched. Similarly in the living room, one or more outlets should be unswitched to accommodate radio, electric clock, vacuum sweeper, or one of the other "daily dozen" electrical household aids that do not primarily belong with "evening dress."

Wall brackets, artfully shaded, continue to contribute to the beauty of the dinner hour, although they should be used in conjunction

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As an architect builds for himself

The home of Mr. and Mrs. Arnold Southwell in Miami Beach, Florida

Photographs by Gottscho

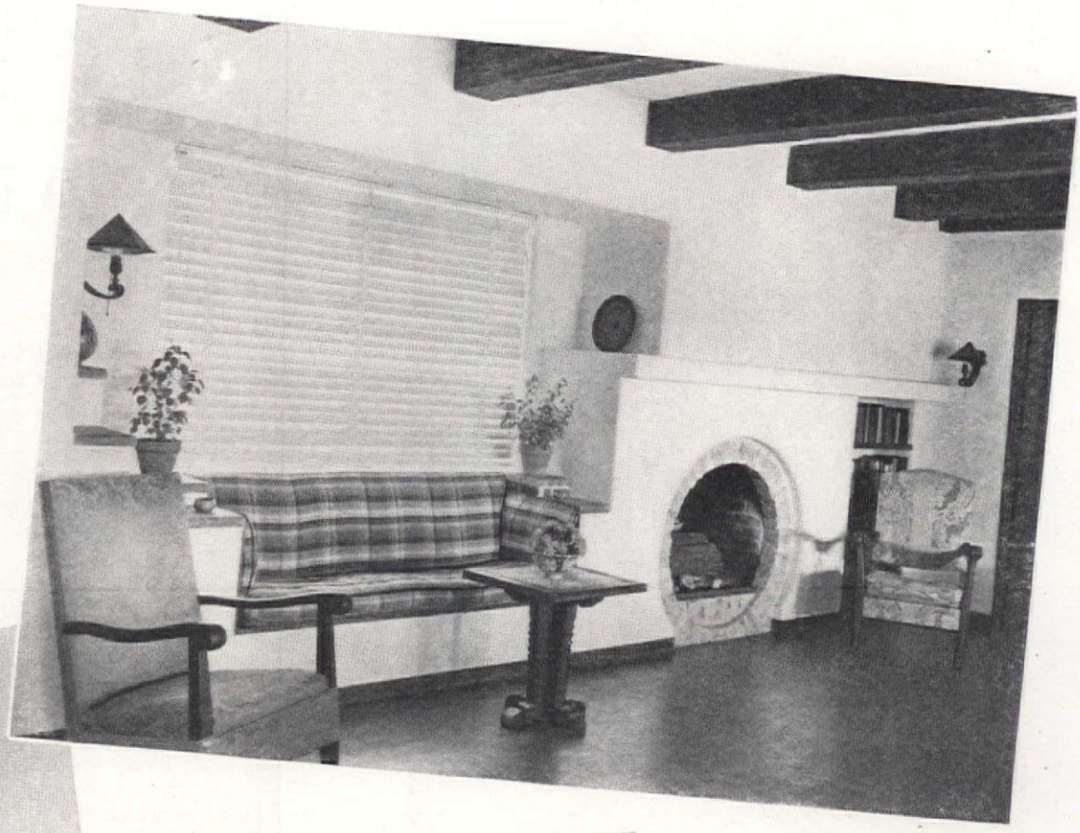
Schoeppl and Southwell Architects

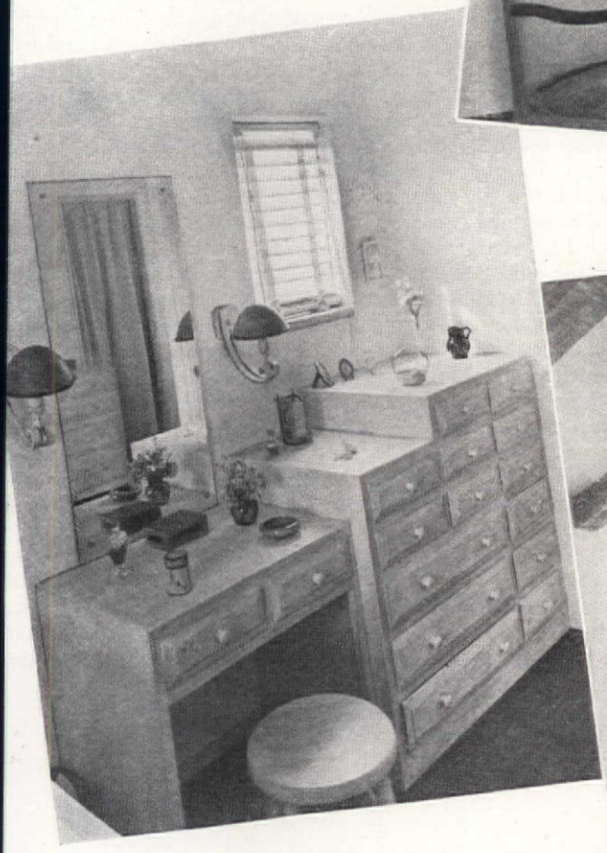
PRACTICAL simplicity is the keynote of this year-round Florida home, designed to take full advantage of all the Florida climate has to offer. Much of its claim to distinction lies in the use of interesting materials, old common bricks, irregularly laid to give a salt-and-pepper patchwork color to the house, brightened by the more lively tone of the roof, handmade shingle tile. Poured reinforced concrete lintels and gable ends tie the brickwork together architecturally, and also make for a hurricane-proof house.

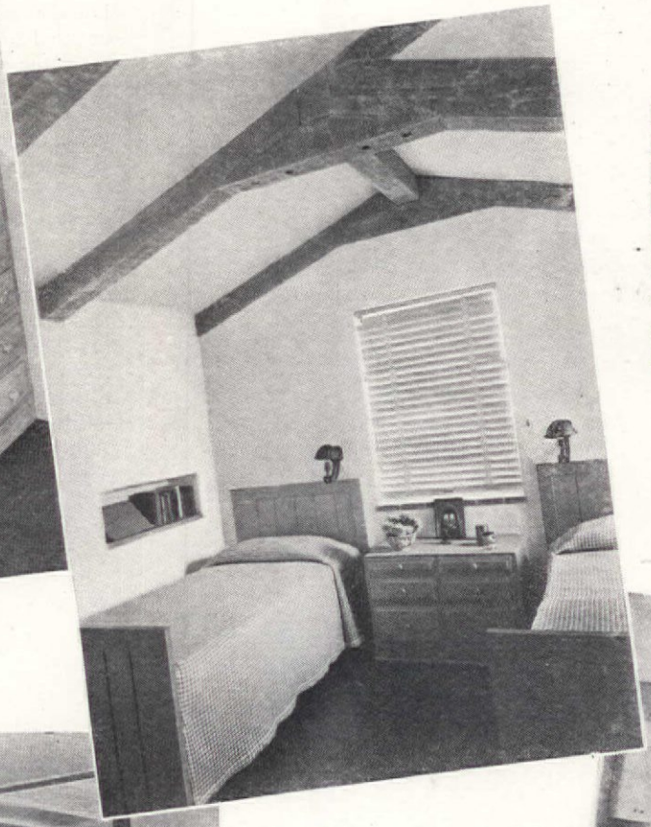
The house is delightfully set in an oceanic landscape of sea sage, sea grape, palmettos and wild morning glory vine. Landscaping of this sort requires no care and is completely sympathetic to the character of the terrain. The entrance patio shields the front door from the street, and at the same time provides a garde spot for more delicate flowers.

The first floor affords space for the livir room, dining room, two bedrooms and bat bar and kitchen, and a one-car open garag On the second are the owner's studio and a ga lery looking out over the green waters of Bi cayne Bay, the owner's bedroom and bath ac jacent to the studio, which look down on th

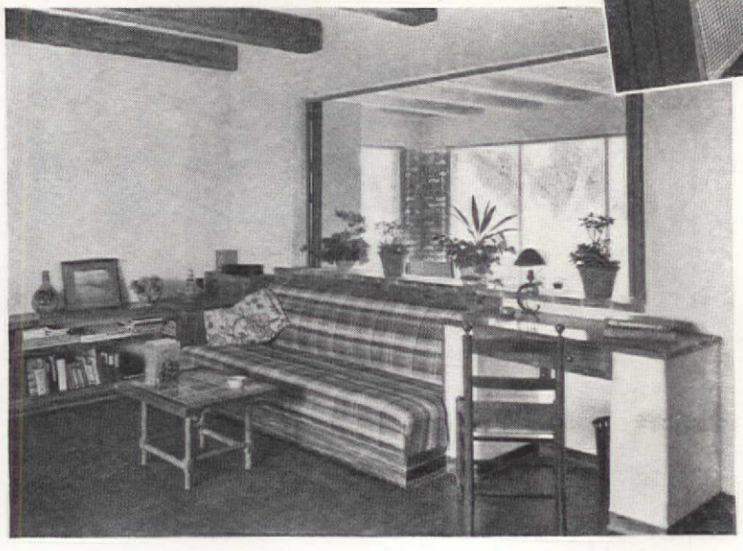
garden, grass sodded and pleasantly
d by palms, oleanders and pithocolobian
Accessible from the studio is a sun deck.
the informal living porch on the first
shown in the lower photograph.
of the interesting features of the living
is the round fireplace, raised a foot off
oor to avoid the necessity of a hearth,
uilt-in bookshelves on one side, a lower
n making the wood box, and on the
a built-in window seat surrounded by
dges for flower pots. The ceiling is
d of heavy hewn Cypress timbers, and
oor is of polished oak blocks. White plas-
alls have an uneven sponged texture.
owner-architect is a great believer in
in furniture. The first floor guest bed-
shown in the photograph, illustrates
onvenient built-in beds can be in a tropi-
ome. The chest of drawers between the
erves as night stand, and a niche in the







Facing the North Bay Road on the front, the house looks out over beautiful Biscayne Bay at the rear. Outside there is fine tropical planting, inside a feeling of cool spaciousness and comfortable order



wall puts reading matter within easy reach. In the owner's room, the dressing table and chest of drawers are built in side by side, to make greatest use of the space available and incidentally to give an interesting architectural effect. The owner has seen to it that there is real design to this furniture, witness the fine proportions, bevelled edges and small pulls.

In the kitchen the electric stove is built in at a level with the maple block drain boards and fitted to the tile wainscot to become an integral part of the cabinet work.

A two-timing room

ELEANOR LEVI

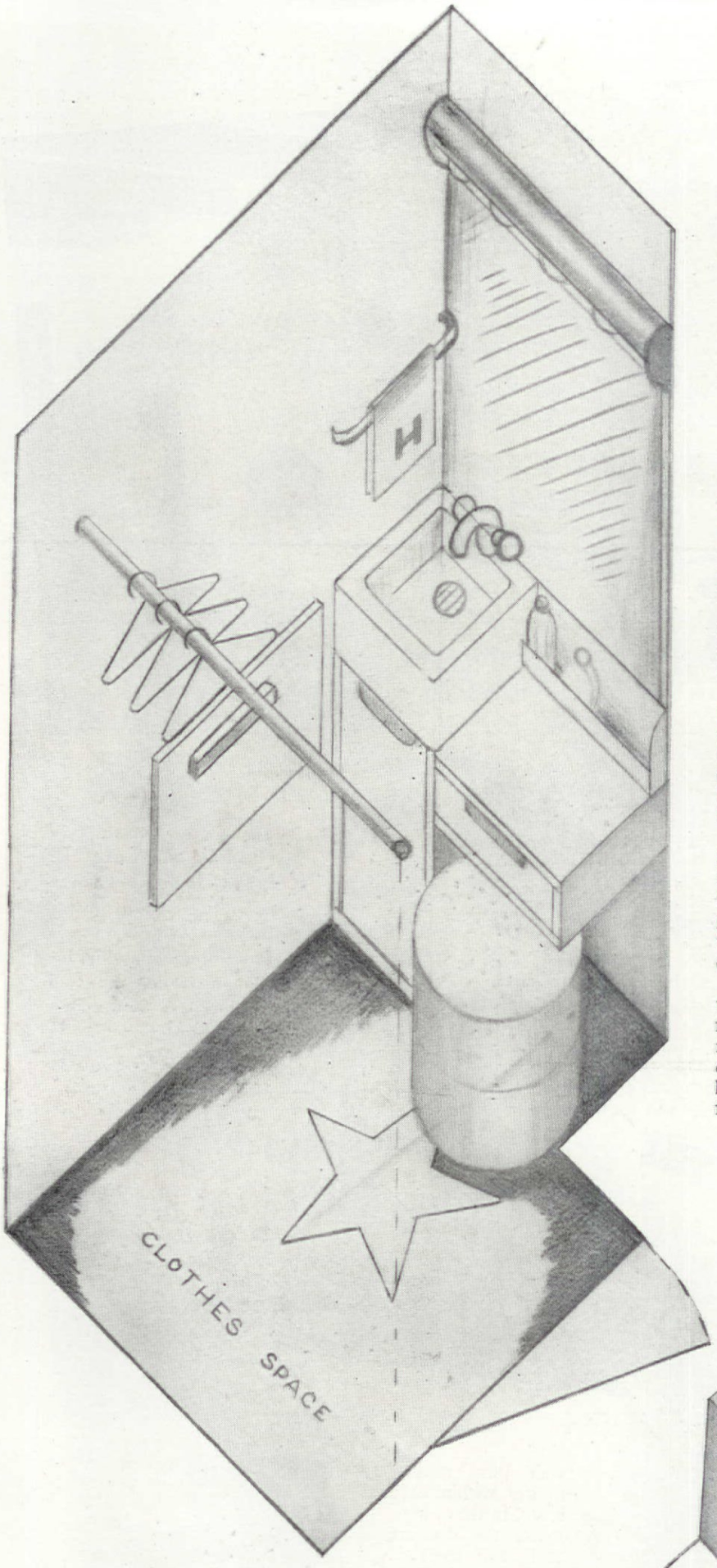
Every small home needs a guest room but father argues for a study. Both being comparatively little used where space is at a high premium, why not combine them? Here's how

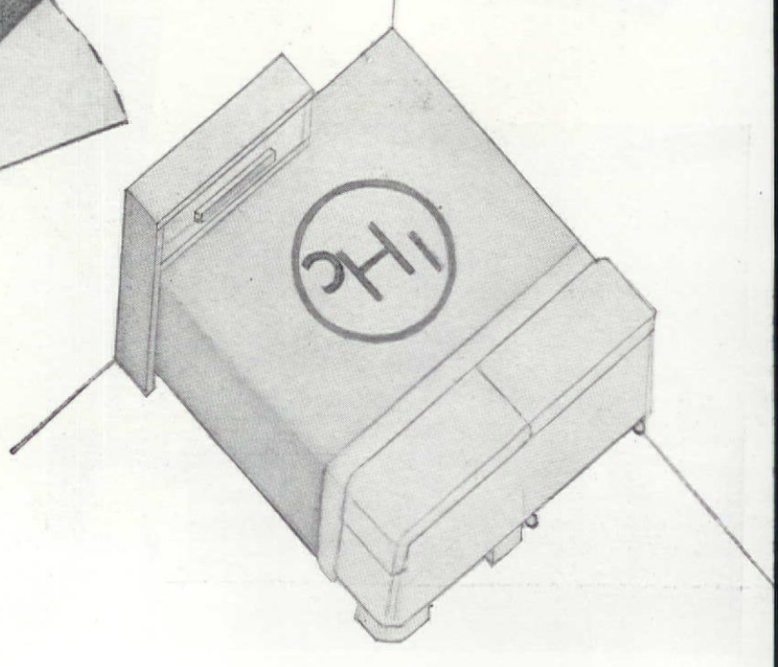
IF YOU are building a new house or remodeling an old one t commodate the expanding needs and interests of your fami is necessary to check up to see if your house is realizing all its p tialities. Certain rooms are so indispensable that they are al included in the plans of your house. Very often the architect's call for but one extra room in addition to the conventional The problem is to get the maximum convenience, use, and liv ness from this one room. Few of us are lucky enough to have b study and a guest room. However, both seem essential to u fact, they are. How can we plan a double feature?

Every house should have a study, a restful room that stimu thought. We picture it lined with books, the oft-repeated pa of which fires the imagination, and adds a glowing warmth house as nothing else can. This is the room the man of the hou entitled to. Here is the place to do the work he has brought h from the office, to read, or to do research, away from the no hilarity of the children and their friends.

Every house needs a guest room. "How unfortunate, to bu house without one," we soliloquize. It is difficult to be truly h table without making adequate provision for guests. How lucky they who can comfortably house their friends for the week-en guest room seems indispensable to the family. But father argue the study! No wonder it seems as if we were in the ancient dile of the mariner who had to choose between Scylla and Chary

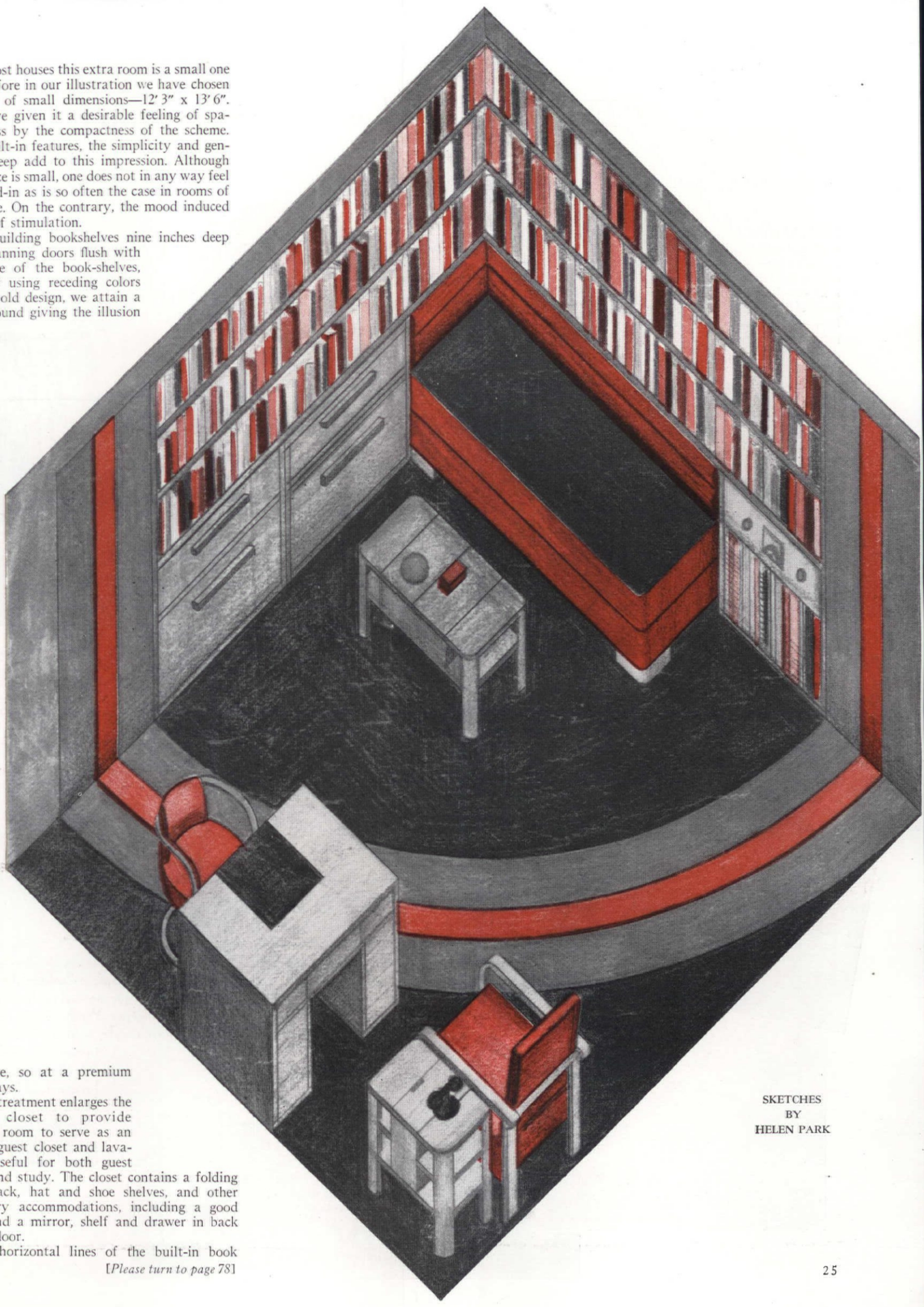
By economical and original planning we can find a solution this dilemma. Combine two rooms, the purposes of which seer first glance to be at such variance. You will find that although room is the logical outgrowth of necessity, it can be a beautiful dition to your home. The plan we offer is so flexible that althoug has the double features of both a comfortable study and a thou fully planned guest room, it functions as a unit, interchangea





The dressing room closet—washbowl in corner, linen hamper under it, dressing table with lighted mirror above it. The studio couch bed made up with the pull-out night table at the end which also aids in keeping the bed in place

most houses this extra room is a small one
erefore in our illustration we have chosen
om of small dimensions—12′ 3″ x 13′ 6″.
have given it a desirable feeling of spa-
ness by the compactness of the scheme.
built-in features, the simplicity and gen-
sweep add to this impression. Although
pace is small, one does not in any way feel
med-in as is so often the case in rooms of
size. On the contrary, the mood induced
e of stimulation.
building bookshelves nine inches deep
planning doors flush with
face of the book-shelves,
by using receding colors
a bold design, we attain a
ground giving the illusion



pace, so at a premium
e days.
his treatment enlarges the
ner closet to provide
gh room to serve as an
le guest closet and lava-
, useful for both guest
n and study. The closet contains a folding
k-rack, hat and shoe shelves, and other
ssary accommodations, including a good
and a mirror, shelf and drawer in back
e door.
he horizontal lines of the built-in book

[*Please turn to page 78*]

SKETCHES
BY
HELEN PARK

NEW FURNITURE has many ways with it

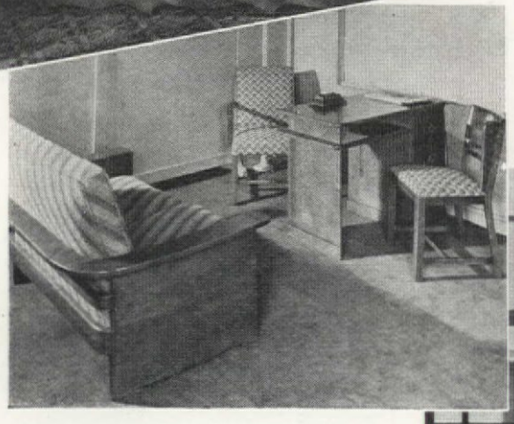
CHARLOTTE L. EATON

Bleached cherry, in a natural blonde finish, makes the very beautiful little console and two chairs, which might serve as hall furniture, for a dining room or indeed for a living room. Grace of line, and fine simplicity of form mark them as distinguished pieces. From E. Wiener Company

THERE is so much really intensely interesting new furniture on the market for that it is difficult to know where to begin to tell about it. One thing is cert designers and manufacturers have been aggressively aware of the way most of us living today, they have analyzed our needs and have contrived pieces to fill ther perfection. In fact, some of the pieces fill more than one need, they combine tw more utilities. There are more different kinds of tables this year than ever be Coffee tables come in all sizes, with extension devices, with drop leaves, with auxil small tables of the same design for individual use, with removable tray tops, ta that come in twin sections that can be used separately if desired, end tables, st couch tables, chair tables, just the height of a chair arm, and so on—an almost end list. Apparently, too, designers and manufacturers acknowledge the arrival of gre leisure for most of us, for they have provided many more pieces for reading writing. There are some charming bookcases, a great many desks, especially of knee-hole variety, and often bookcases with a desk section or little chests, small end

Maple, in the modern manner, has come to the fore this year. On left, at top, a combination bookcase-desk, chair and shelved chair-side table by O'Hearn Mfg. Co. Below these, maple bedroom set of modern lines and sturdy design by Heywood-Wakefield

Next, a studio couch for colo rooms—of maple, upholstered in ho spun and guaranteed to sleep well, it's a Sleeper Product! A group modern maple, sold as "Americ includes a table d side chairs and unu love seat. Thomas Chair Co. Just be part of a Federal ing set of mahog Grand Rapids C



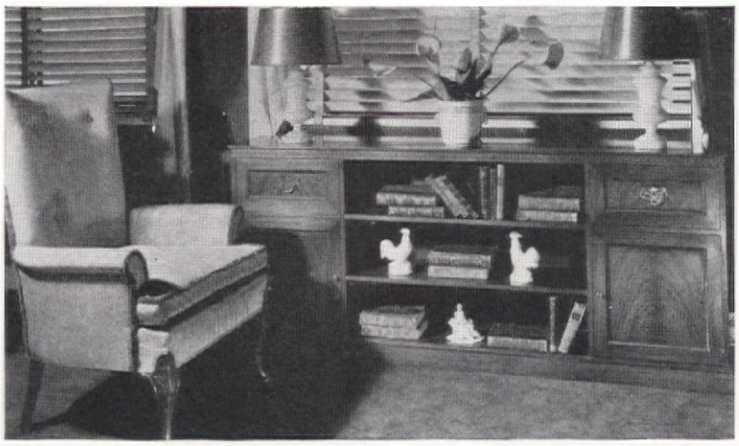
LONG, low bookcase, of just the right height to fit under the rage window, is something ny of us have been hunting for ong time. Mahogany bookcase, charming 18th century styling gracefully proportioned chair, n Kittinger Co.

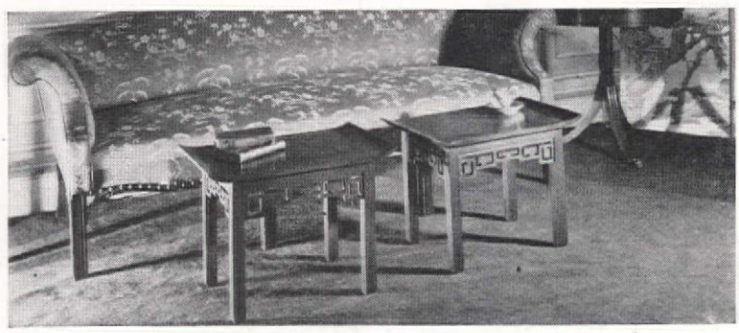
group of furniture created for early American living room in- les a new bookcase with a cen- desk section, a pair of ex- nely comfortable barrel-back irs, a convenient round table, a of somewhat triangular lamp les, and a chest. W. F. Whitney Inc. Firth Carpet on the floor.

hree distinguished pieces of n century living room furniture. drum top table, with drawers space for books besides, a mboo" chair painted black with d, and an easy chair done in ght, dark blue with white trim- ng. Baker Furniture Factories.

n excellent example of the nese trend in 18th century ces. The Chippendale sofa is ered with a Chinese patterned nask, the twin coffee tables, ch have double utility by their y twin-ness, curve upwards at ends, like tiny pagodas. The tinger Co.

or a modern living room, or -room apartment, there is this ellent group of modern furni- e. The "sleeping sofa" has a ing mattress, that levels out en wanted for sleeping. End les for lamps, and a round, ss-topped coffee table complete group. Herman Miller Co.



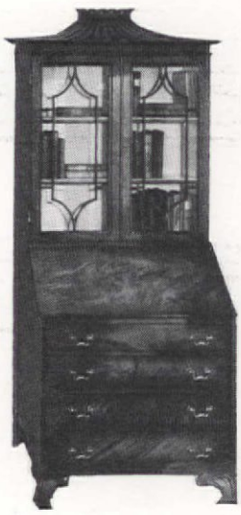


A charming little secretary extreme right top, has wire latticed cupboard doors below and all glass doors above, cut to simulate wire. It opens to make a very convenient desk. Johnson-Handley-Johnson.

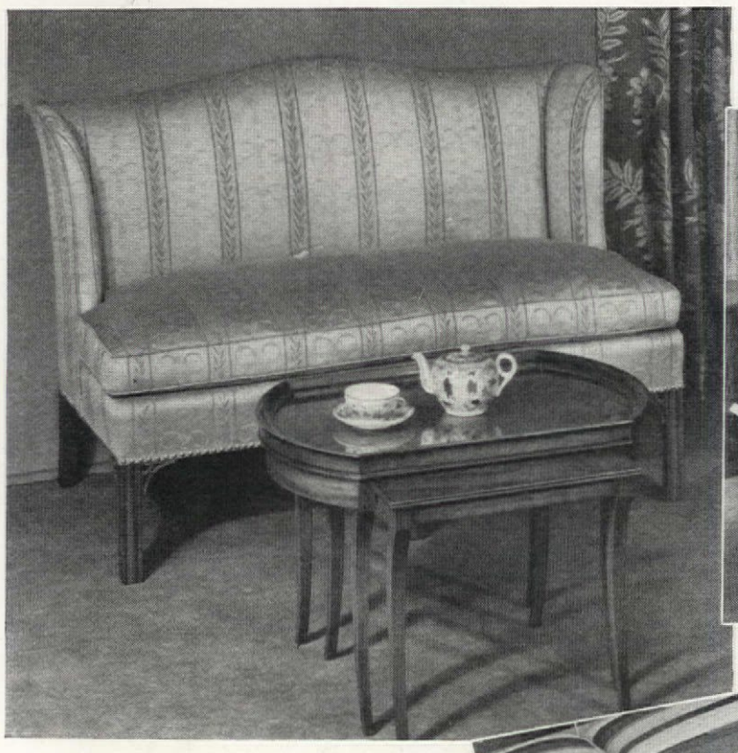
Chinese Chippendale again. The lovely secretary at the bottom of the page has a pagoda top, and Chinese moldings on the doors, Skandia Furniture Co.

the bedroom, with a writing tion. Again, many studio uches are now made so that y have the slope from front to k considered essential for sit- g comfort, and can be ad- sted to a level position for eping.

A perhaps less tangible ex- mple of this awareness of the y Americans are living today, t no less important, is the fact at new furniture is being care- lly scaled to today's needs. For example, recognizing that many homes have rather small dining rooms, dining room furniture, always in the fine designs wanted, is being scaled down to fit the smaller room. The same is true of different kinds of furniture all along the line. This does not mean that there is no large scale furniture, for there is plenty of it, but now for the owner of the small houses, as well, there is well scaled furniture. Another point is that allowance has been made for variation in taste and necessity on the part of the householder. He may have a choice of buffet and server, buffet and china closet, server and china closet, for his dining room. And in the same way, he may choose for his bedroom a dresser and chest, or chest and vanity, or dresser and vanity, according to his preference.

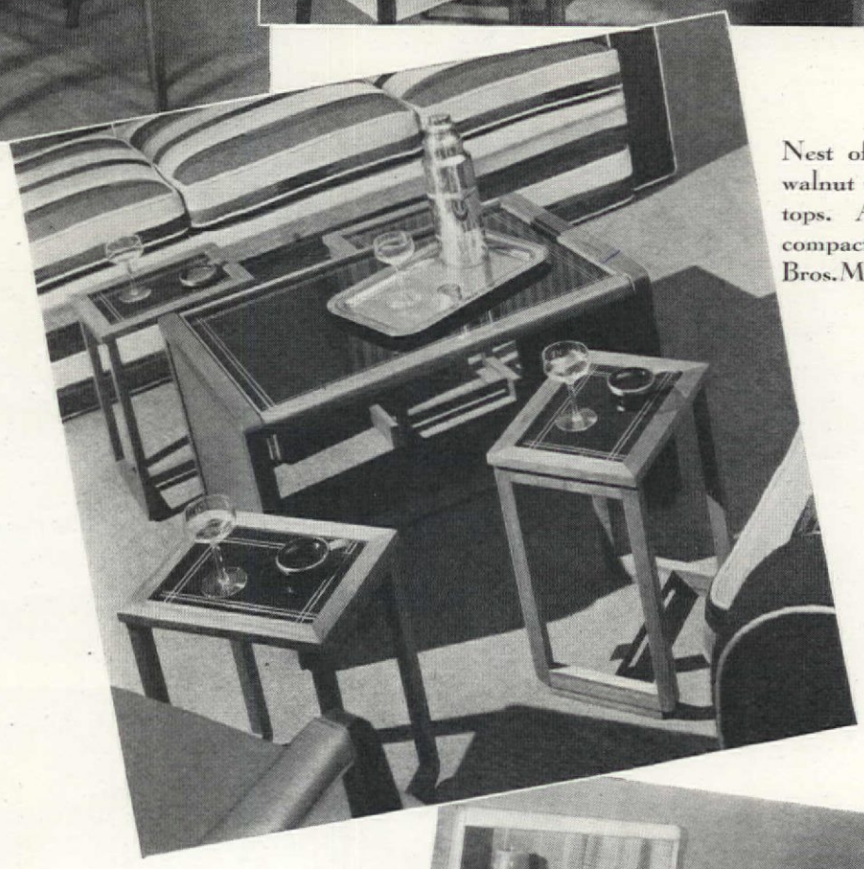


Coming to the matter of style, modern furniture strikes the dramatic note this year, because there is so much of it, because it is so improved in design. It has progressed a long way from the first modern, introduced at the Paris Exposition ten years ago. Today it is a style and type entirely acceptable for the average home, whether or not the interior is developed along strictly modern lines. 1936 modern is low set, stream lined. It is extremely simple, with practically no ornamentation other than the pulls on drawers and cupboard doors. A second reason why it



A coffee table both elegant and practical. Has removable glass tray top and second section to pull out when needed. Imperial Furniture Co. The little coffee or cocktail sofa is made without arms, to make things easy for the hostess who is presiding. Mueller Furniture Co.

Modern dining room furniture scaled for the small home. Upho stered backs on chairs, the set includes a serving table with to divided into three removable trays. Landstrom Furniture Corp

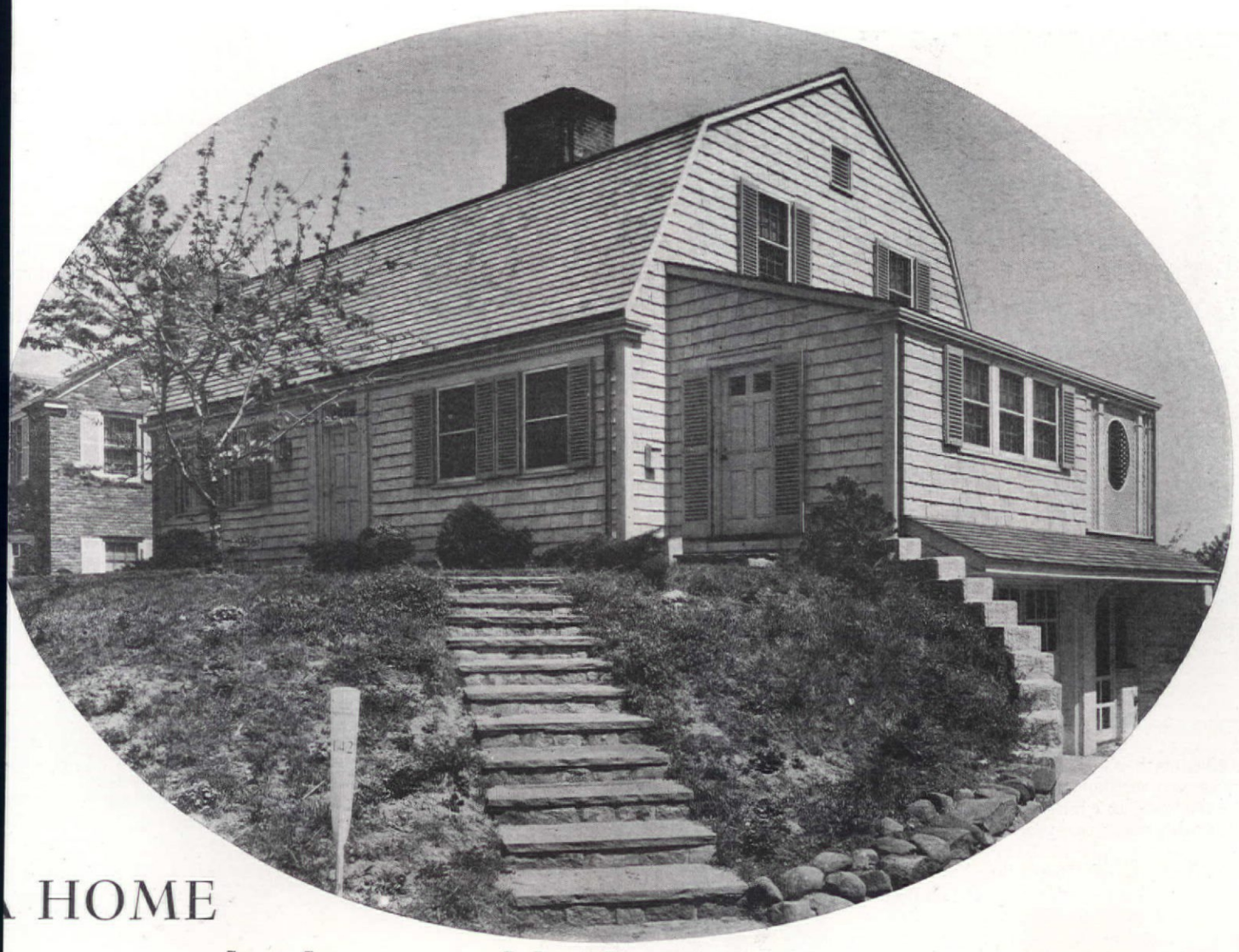


Nest of five tables i walnut with black glas tops. All fit into on compact unit. Ferguso Bros. Manufacturing Co

is acceptable for the average home is that it is being made in an increased variety of woods. Hitherto walnut has been the most conspicuous material, and is still very important. In addition, there is a great deal of mahogany, especially in bedroom furniture. Previously associated chiefly with period furniture, it is a happy addition to modern, for its dark richness is becoming to the light walls we like, white, turquoise blue, lemon yellow. Rather new for modern is maple. Many of us live in houses of Colonial or near-Colonial design, and are accustomed to traditional early American maple. And yet perhaps we would like to introduce some of the new modern pieces into our homes. Now we have a chance, without being too extreme, and with assurance of a harmonious result. [*Please turn to page 102*]

Smart indeed is this armchair covered in foliage chintz, made by E. Wiener Co. The modern coffee table, below, can be separated into two parts. Imperial Furniture Co.

Maple bedroom furniture in white finish and on modern lines suggests interesting dark backgrounds. Horizontal lines predominate. Conant-Ball Co.



A HOME
built around little comforts

DAVID B. BANNERMAN, Jr.

VING in a summer bungalow that had been only partly equipped for winter use ough one long, cold winter in the State of ine was a chilly but very enlightening les-, and set us to thinking about how many le things could be improved to make a re perfect house. Perfection, to our eager ds, meant genuine physical comfort, of course. It was natural that a winter in a Maine bungalow should force all kinds of resolves as to future convenience! But it meant also a certain spiritual comfort, that comes with what is commonly known as atmosphere. And what we wanted was the atmosphere of a real home, not any home, but definitely our home. The simplicity of a small apartment seemed like luxury indeed after that, but it was not long before we were haunting the "model homes" for miles around, and even looking at old houses that might be worth reconditioning. But in all of them we found a general scheme, punctuated by bits of "atmosphere" here and there. And it was those little things that made us like or dislike a house. Some had too many, others too few of the interesting touches that make the difference between a house and a home. Without going into plans and specifications, let us look at the house we ultimately built with reference to the little things, gadgets if you like, that make it an expression of its owners and an interesting place for them to live.

In the black days of early 1933, rushing in where angels feared to tread, we built a house. With little but a hope for the future to build on, the house was necessarily rather small and adorned with no other ornamentation than the little things which can be had for a bit of ingenuity and thought, rather than a large outlay in millwork.

Our starting point was a Cape Cod house, which for me derives its charm from its very simplicity. I could digress at length on the subject of alleged Cape Cod cottages, some made of brick, others of stone, and so on, but we resolutely adhered to the original as far as consistent with modern housing requirements and the topography of the lot would allow. So the little gray shingle house with the square center

Amon & Greacen, Architects

Some people, I gather, feel free to call house Colonial if the windows have more one pane of glass to a sash. In this partic too, we went right back to the original. T are twenty-four lights in each window— six inch squares—which makes a long jo cleaning them, but even the uninitiated to notice at once that they are truly Cape windows. The shutters are of the louvre which is most characteristic, notwithstan the current practice of battening two bo together, nailing them to the wall and ca it a shutter.

The most humble dwelling, I find, alv makes some gesture at refinement, and indication is usually found that the resid look forward to a fuller measure of this wo goods than they have. While this house of is in no respect plain, it is thoroughly sim with one exception, the pair of corner boards in the dining room. This bit of a tectural excellence was our expression of characteristic just mentioned. The cupbo are frankly copied from an old one, and

chimney and blue shutters stands on the top of a knoll resembling a sand dune, its shuttered kitchen door facing front as was often the case on the Cape, looking for all the world like the home to which one of those iron men returned between two-year voyages to the far corners of the globe in the heyday of wooden ships. And this resemblance is further strengthened upon closer examination. It is a favorite pastime of mine to disparage the often attempted nautical atmosphere in a house, when an effort is made to duplicate the cabin of a ship. It can be done, if you don't mind the cost, but the usual result is a room that is only half shippy or the livability is seriously impaired. It seems to me far more genuinely nautical to have one's house show the influence of seafaring men ashore, with only those portable articles which the skipper might take home, or some thrifty mariner had picked up at the shipbreakers'. And let it be said right here that lanterns with ribbed glass are never used on shipboard to give light, for they don't give any where it should be. The ribbed glass is a requirement of law for the running and riding lights of a vessel, which are used as a signal to other vessels only. But of lights, more anon.

In front of the house we find an oar with its handle stuck in the ground, the blade bearing the street number of the house. (This is a distinct concession to the modern practice of building houses in a row down each side of a street, and would, of course, have been quite unnecessary in the days when everyone *knew* where Cap'n Snow lived. But if we must make concessions to modernity, we shall make them nautical at least.)

We enter by the low front doorway, and the first thing that meets the attention is the floor. It is painted a dark ground color, in one room blue, another black, another green, and spattered over this in little drops are lighter and contrasting colors. This is the old "spatterdash" floor which was, curiously enough, thought to resemble Oriental rugs, with which our old seafaring friend was likely to be familiar. The spatter coat on our floors nearly caused a labor disturbance, as the painters' union frowned upon the use of a Flit gun, but a streetsweeper's brush was found to give satisfactory results. The effect is a very pleasant relief from the ubiquitous varnished oak of the development houses.

Directly at the front door are the curving stairs, with high risers, for space was scarce in those little old houses on the Cape, and in ours. You can tell at a glance that the turner who made that banister was thinking of the poop deck rail stanchions he turned out at the shipyard years ago for the old *Nellie Small*. And the newel posts have a brass center—the top of the long through bolt to the deck.

In the dining room is a pair of corner cupboards copied from authentic desig The backs are painted old rose which sets off beautifully the gay china. T living room fireplace is spacious—with a little wood closet built in each s

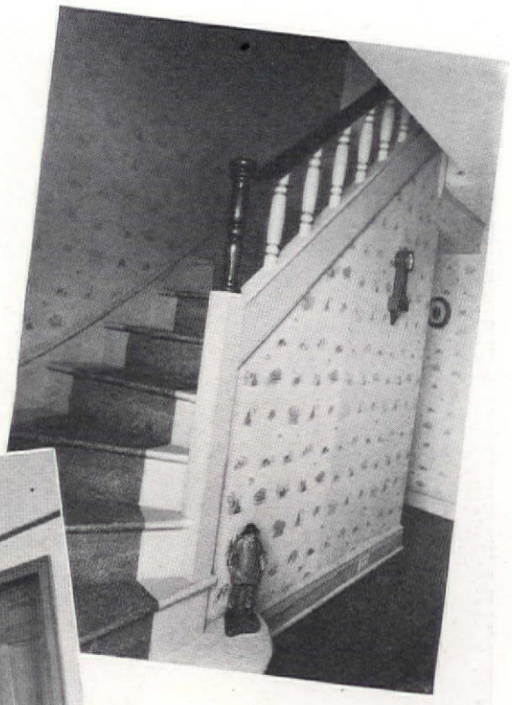
original builder's artistry is evident from photograph. The backs are painted old r which sets off beautifully the gay china on curved shelves.

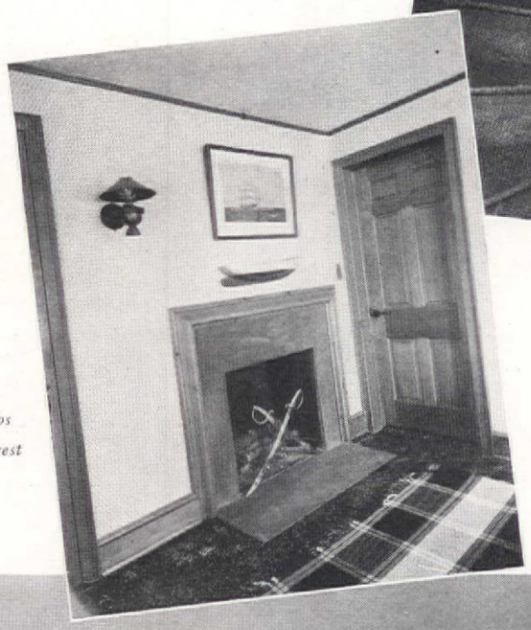
Cape Cod houses did not have porches a rule, but we allowed ourselves this small vergence from the original, well concealed der the same roof as the kitchen wing only eight feet square. The sides are smo boarded, the plaster ceiling is painted sky b according to custom since time immemor and the latticed side has a large round op ing. The light is a ship's lantern with pl

to give the necessary light.
hrooms formed no part of the architec-
f early Cape Cod houses, but there is a
to carrying out a reproduction of any-
and here we departed from tradition
bold finality. Eschewing the Specialist,
being surfeited with the absolute uni-
ty of the bathrooms we saw in the ready
houses, we bore away on a new tack.
with colored tiles and mirror-fronted
ine chests! We put inlaid linoleum on
or, and painted the walls with a green
cot, topped off with a lighter shade, the
olors meeting in a wave pattern. A 24-
circular mirror replaces the aforemen-
l medicine locker. Seldom have I seen a
r install enough towel racks, but we did.
romium pipe runs entirely around the
providing all hands with towel space.
, for guests who use these antiques, is only
ntal to the large square shower stall
serves as choirloft.
eplaces are essential to the Cape Cod tra-
n so we put in three. The scale of the
room and the letter of the building code
eing in harmony, it was necessary to re-
o the use of fireproof board for the trim
diately above the fireplace, to keep wood-
the required ten inches from the opening.
le wood closet is built into each side. The
fireplace, necessarily small to suit the
, was trimmed without a mantelpiece, a
model of a boat taking the place of the
shelf. The big playroom in the cellar is
ped with a spacious fireplace as well.
provide andirons for the study required some scheming. I wanted something appropriately nautical but preferred not to use the anchor andirons which can be bought at any ship-chandlers. Accordingly, I procured two ancient cutlasses from the largest supply of old arms this side of the Tower of London and, with the coöperation of the local blacksmith and the application of much brass polish and elbow grease, a pair of andirons was fashioned that served the purpose admirably. The brass hilts take a high polish and provide just enough sparkle to brighten the black cement fireplace.

Of great importance among the little things

[*Please turn to page 101*]



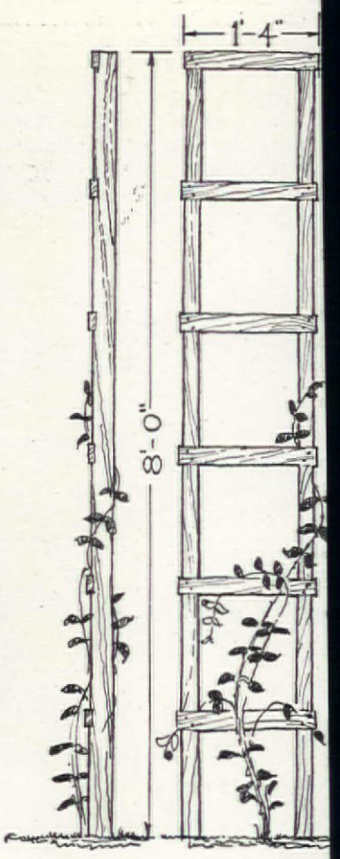


Photos by Demarest

The curving stairs have high risers, for space is scarce in little Cape Cod houses. Two ancient cutlasses were fashioned into andirons for the study fireplace. Below: the study

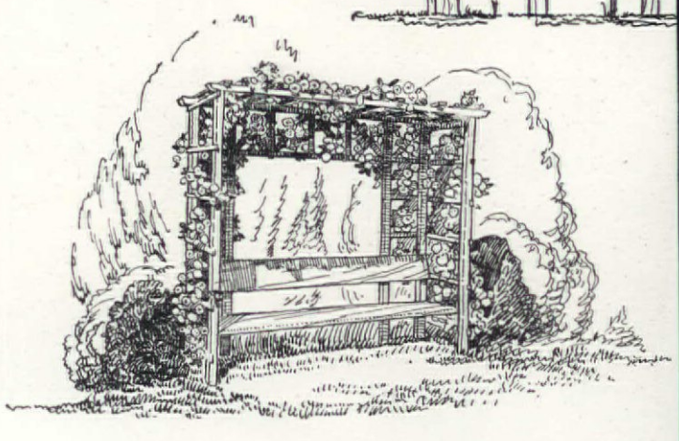
Jessie Tarbox Beals

This simple unit of ladder
lis lends itself accommodat
to many inexpensive forn
decorative detail in conne
with planting around the h
16 ft. of 2″x3″ studding a
ft. of shingle lath are requ
The combination seat and
lis, below, is 7 ft. long, re
ing 8 lengths of 8 ft. 2″x
and 64 ft. of shingle lath.
the seat a 2″x12″, and a
12″ for the back. Sketche
Lewellyn Price. The p
gate (left) is in the garde
Mr. and Mrs. Harry A. (
Kenilworth, Illinois; A
Gries was landscape arch



Small things to make your garden more livable

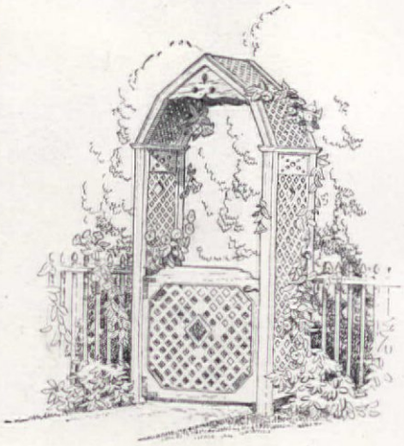
FENCES, seats, arbors, gateways, trellises, in and about the garden speak eloquently of the garden being actually used. They are mute but forceful evidence that the garden is lived in and is an integral part of the activities of the home and the family it shelters. And a garden should be something more than just a picture to look at from afar. The real garden is lived in, and to live in the garden comfortably calls for provision for resting within its



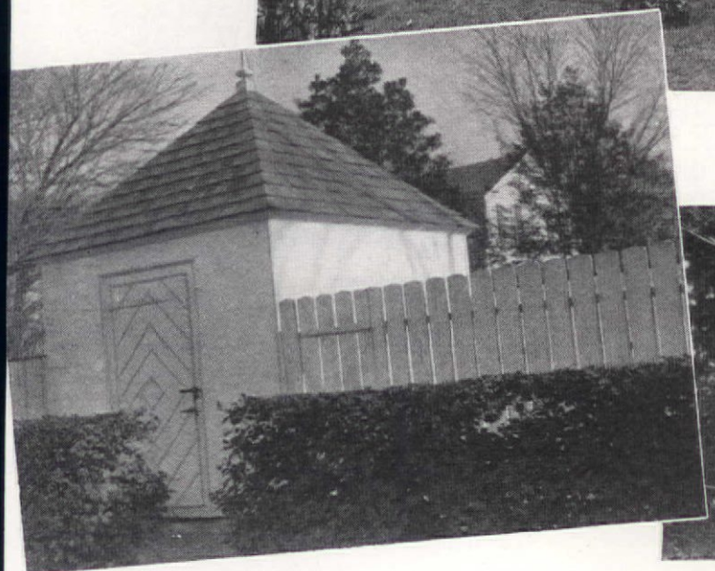
. And, resting in the garden, further means a certain privacy—
clusion of the disturbing intrusions of the outside world. A
a fence, a rail, all such accessories not only make the garden
practically livable but they also frame the picture. An appro-
y placed gateway, even though it be never used, suggests inquiry
e region beyond and often not the least advantage is the estab-

g wall made after
shion of those built
otect early Amer-
homes, encloses the
n surrounding the
ner cottage of Mr.
Mrs. William B.
mes, near Fran-
, New Hampshire.
wall would enhance
st any house having
burban or country
g like that shown

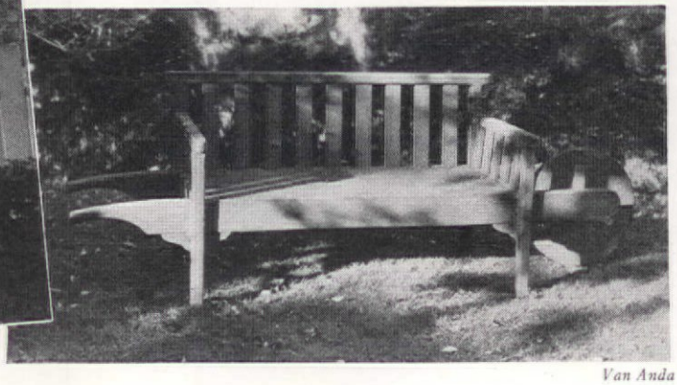
Bodorff



A garden arch and wicket of lattice work in a fence of turned pickets let into the rails lends delicate support to vines at garden entrance



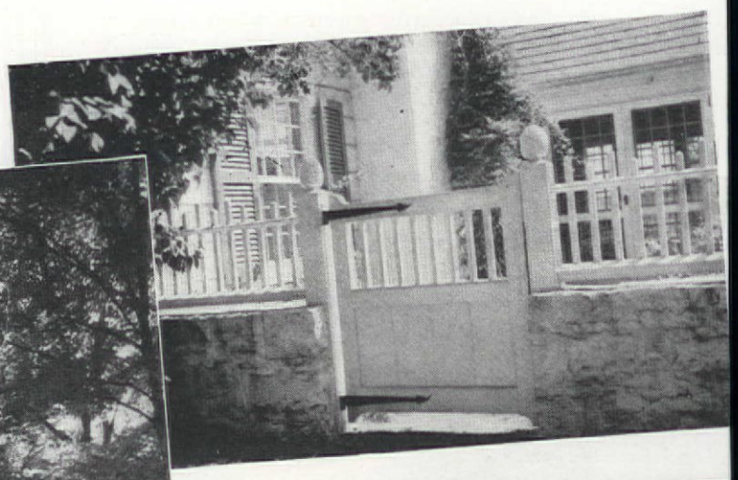
Joseph B. Wertz



Van Anda

A vine-covered hooded gateway welcomes one to the garden of Mr. George G. Bass at Greenwich, Connecticut. Although this type of garden wall and gate is essentially English, it is also appropriate for practically any type of Provincial or Colonial house. The roof is covered with unevenly laid slate shingles. Old fashioned brick walls are another charming feature in this garden. Frank J. Foster and R. A. Gallimore were the architects

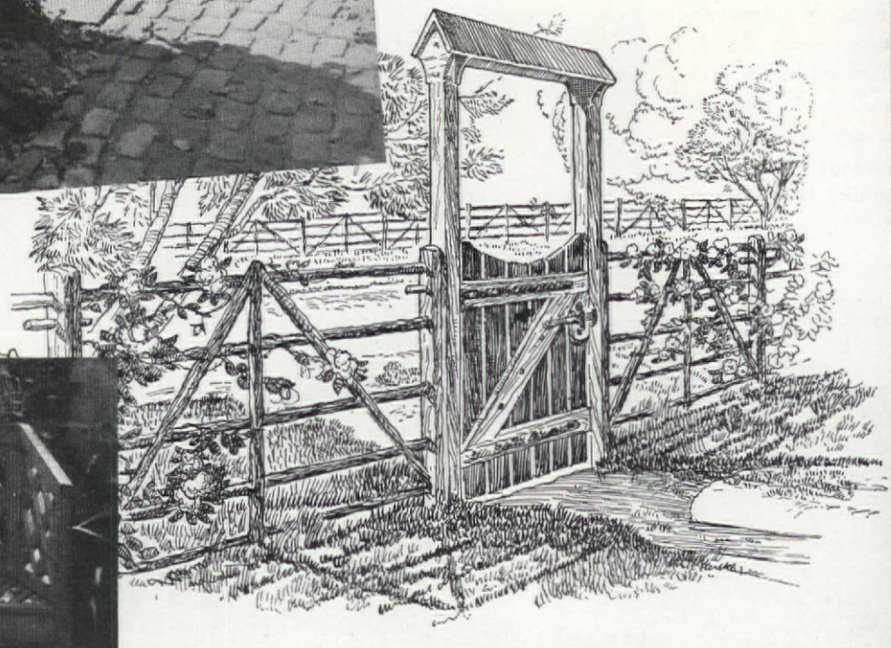
Robert Maclean Glasgow



S. H. Gott

lishment of friendly association with your door neighbor by means of an inviting ga in the boundary planting.

The making of garden furniture offers a lenge to the ingenuity of the handy-man abou house. There can be no stereotyped pattern



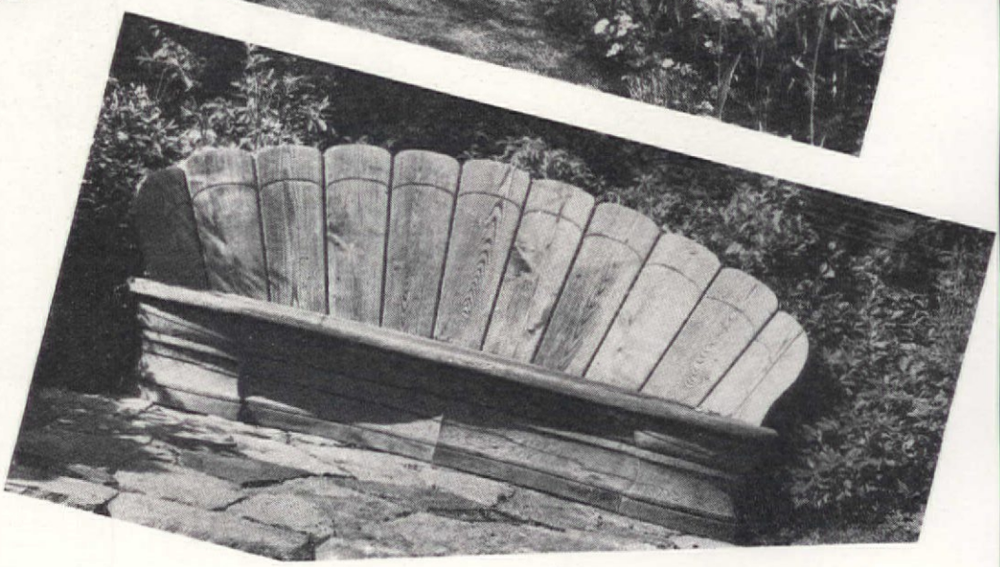
The hurdle fence and gate, picturesque and rustic, is appropriate to the simple place

Van Anda

plan. The furniture may be rigid and formal to fit into a formally a tecturally designed garden, or it may be informal, rustic and rugged, i entirely different type of setting.

Wood structures often present opportunities for interesting color co nations. Conventional white of the old-time picket fence is not necess

The trellised vine seems to be even more fittingly associated with an arbor or archway, expressing informal and cordial welcome



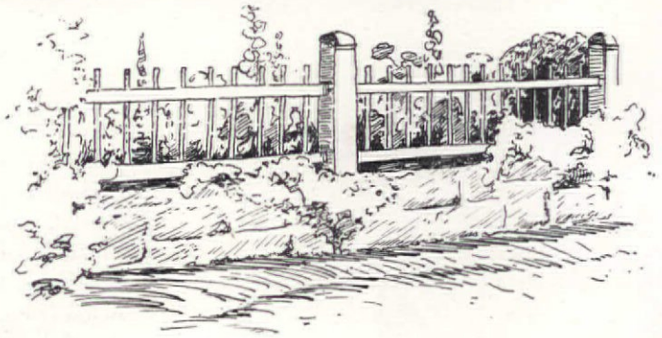
be reproduced in every situation. In the first pic-
e on page 32, the white gate enlivens and adds
lliancy to what might otherwise be a somewhat
interesting background effect. On the other hand,
ite is often too conspicuous when benches, arbors,
trellises are isolated in more open spaces. Use
ite to relieve a dark distance. In the foreground it
y have a tendency to foreshorten and even divide
point of interest. All shades of green or brown
ll often fit in much more happily.

In making pieces of outdoor furniture, select rot-
istant wood, preferably with the joints properly
otected by painting or treated with a preservative
fore the parts are joined together. Use galvanized
copper nails and avoid the problem of rust.

A suitable seat may relieve the monotony of a
sonry boundary wall and often is an ideal ter-
nal object to a garden vista. Always, such a fea-
e suggests a little journey of exploration through
garden itself. It invites your visitors to a more
imate garden acquaintance.

The frame or enclosing feature of the garden may
of several different forms. A hedge of evergreens
pped into formal character gives a splendid foil
the foreground flowers in the border. On the other
nd, a hedge usually needs steady and constant con-
ol—clipping, etc. A fence, rail or picket, or other
aracter, doesn't afford the same protection but at
e same time is often serviceable as a support for
iling vines, whether annual or permanent.

Masonry walls can be of stone or brick as shown
one of the photographs. An adaptation of the old
fence idea of pioneer days is a fitting combination
th a log cabin. Appropriateness should be given
nsideration in any case. Hedges or walls are often
sential to give protection to shelter the garden proper from winds, even the bare branches of a deciduous hedge will very effectively moderate the sweeping winds in winter. The enclosed garden with an adequate wind-breaking hedge will be warmer and earlier than a garden that is fully exposed. From the matter of design alone, the enclosing hedge helps the picture by bringing everything into proper scale. The garden is then a thing of itself and not just merely an isolated little incident in the broad open landscape.



Mr. Godey's lady editor

~SARAH JOSEPHA HALE

To those who are fortunate to own a copy of Godey's Lady's Book we suggest that they read it through carefully. It represents the best part of one woman's life that was admirably spent. Many things that we accept today without thought were made possible by Mr. Godey's pioneering lady editor.

MILLICENT STOW

Top: A portrait of Mrs. Hale painted by W. B. Chambers in 1850. Below it, what the well-dressed lady wore on horseback in 1839 and, below that, a morning dress of 1850, daughter as lavishly dressed as her mother

Illustrations courtesy of Old Print Exchange, N. Y.

SARAH JOSEPHA HALE, Mr. Godey's lady editor, was the first woman edit an American magazine. Through its pages she had more i fluence over the women of this country than any other woman of t nineteenth century. She taught women to think for themselves at a tir when they were not supposed to think. Mrs. Hale gave them recipes f cooking and made the housewife a dignified person. She gave them poet and philosophy for their souls and advice about their husbands a children. She influenced Abraham Lincoln to set aside an annual d of Thanksgiving. She rescued Bunker Hill Monument and Mount Vern from oblivion and she helped found Vassar College. She sent out the fi women medical missionaries, founded the first day nursery in Americ and worked for years for the betterment of working conditions amo women in shops and factories. With all these activities Mrs. Hale fou time to be president of the first Seaman's Home which she started, raise and educate five children, and to edit a magazine. These are but few of the many things this remarkable woman accomplished in the for years that she served as Mr. Godey's lady editor.

Mrs. Hale was born Sarah Josepha Buell in Newport, New Hampshi in 1788. Her early education was better than that of most girls of t period because her mother was one of the few women who could read a write and she taught her daughter what she knew, including an appr ciation of good books. Mrs. Hale's older brother, Horatio, went

nouth College. When at home on his ions he taught his sister mathematics, and philosophy. Mrs. Hale was such an st student that her brother said when he ed college that she knew as much as he nd should also have had a degree. College tion for women in Mrs. Hale's youth was own.

men teachers were also rare. However, Hale became a teacher, proving that in rly years she was destined to do the un- She taught school for seven years and married a young lawyer named David

nine years Mrs. Hale lived a happy life her cultured husband. He was anxious he should improve her mind so every eve- they studied together for two hours. Dur- hese years she wrote verses and was ring herself for the years ahead although id not realize it at the time.

ddenly David Hale died of pneumonia an illness of a few days. The young widow left with four small children and little ne. Two weeks after her husband's death h child was born.

e next six years of Mrs. Hale's life were a gle. With a family of small children it impossible to teach for her living. There ittle a woman could do in those days ex- sewing. David Hale had been an active on and it was his brother Masons who helped her. They established Mrs. Hale her sister-in-law in a small millinery shop, ng that she could at least make a living for lf and children.

rs. Hale was unfitted by temperament for kind of work so her business was a failure the start. She wanted to write and she ed to the verses that she had written dur-

the happy years when David Hale had d.

he kindly Masons again came to her rescue helped her publish a book of poems that signed "By a Lady of New Hampshire." s. Hale was pioneering in this field and nen writers were neither common nor pop- . The book must have had some degree of ularity because she gave up all thought of kind of work except writing.

n 1827 Mrs. Hale wrote her first book, a el, called, "Northwood." This book was ular from the first and was even published England under the title, "A New England e." Less than a month after her book was lished Mrs. Hale got her first offer to edit nagazine. This magazine was published in ston and was the first one in America exclu- ely for women. It was called the "Ladies' gazine."

Sarah Josepha Hale was now forty years old. She moved her growing family to Boston and started on her career as one of the most famous editors of the nineteenth century. She had high ideals for herself and her children and she wanted to be sure that they would be properly educated and that she would give the women of America a chance for education and thought.

Starting as editor of a magazine in 1828 was a brave job. It was a man's world and Mrs. Hale knew it. She wanted to reach women readers but she knew that to get them she must appeal to the fathers, husbands, and brothers of these women. This she did in her first editorial. She made promises in this magazine that she kept all her life. She promised that she would do all she could to help women but she would never print anything that the men could question or cause them to lose their standing in family life. Knowing that there were few men with vision like David Hale, she appealed to them at least to give her and the women a chance to show what they could do. In other words, she asked them to be good sports in her very best manner and Mrs. Hale's manner was her biggest asset. This may seem strange today when women not only read their own magazines but also those published for men, but Mrs. Hale lived over a hundred years ago and times have changed.

Mrs. Hale began to educate and enlighten the American women and she never changed her policy as long as she edited a magazine. She lived to see many of the things that she had advocated become commonplace but when she died women were thinking and doing things in America and Mrs. Hale had done her part well.

At the time when Mrs. Hale left Newport for Boston another magazine for women was coming into prominence in Philadelphia. This one was published by Louis Antoine Godey, a

[*Please turn to page 58*]

present our readers this month with specimen of the "Village and Farm s" of Messrs. Cleaveland & Backus, rom their beautiful volume, already no- ublished by Messrs. D. Appleton & Co., ork.

hing in the plan of the first floor needs tion. The back steps, S, are covered by porch.

"Each house has four chambers. The one in the rear is lighted by a dormer wi similar to that in front, though plainer. closet in the front chamber is raised to head-room for the stairs. The windows front gable are arched, from the necessiti their position, but the variety is not unple

"Height of first story, 8 feet 6 inches. S story, 4 feet to 8 feet 6 inches. Cost, $1,

Mrs. Hale reviews a new architectural book by the most famous architects of her time, Messrs. Cleaveland & Backus

Their WORK is their BLESSING

CLARA B. DEAN

Home must share the responsibility with schools for a healthful or destructive attitude toward work. Work must not be given a child as punishment—it is one of the few things that *can* be given

THOUGH we hear much of a new attitude toward work, an enervating conviction that work is a burdensome thing to be done with as little effort and in as few hours as possible, we are not deeply disturbed about its effect on our children. Many of us think that this attitude concerns adults only; children, we say, know nothing of work, they are too young for responsibility; let them play; when they have jobs of their own there will be new attitudes to burden the conscience of the good citizen. Some day they will have to work.

But children do and should work, and the feeling they have about the work that is their own is one of the rare important things that we can do something about. Our own children, those from homes where the problems of living are hidden in the niceties of living, are the ones who are suffering most keenly. They have never given, never sacrificed, and the things that are given to them seem to cost no labor. They take as their due a home, comfortable, fashionable clothing, an education at public expense, and a thousand luxuries. It is natural for them to believe that someone owes them these things and that work is a punishment they do not deserve.

This attitude, in mass strength, is seen most clearly in public schools where the child has no realization of the cost of his schooling. He expects to be "given" an education, as he has been given everything else; the teachers in the public schools will teach him all he has to know if he will sit through it. The teachers have a job, but he hasn't. He goes to school with an attitude of "Government, gimme" because he has learned to say "Mother, gimme" at home; and he goes to maturity believing the government "owes" him an education, the government "owes" him a living, the government "owes" him protection from industry, the government even "owes" him amusement and recreation. The ideal of work for self support and service to others is not in him.

During the past few years I have had an opportunity to study the effect of work complexes on two typical and widely different groups of young students. In New England I was teaching, in a private school, descendants of Plymouth and Massachusetts Bay colonists, ambitious and sturdy children of successful parents. In New Jersey I taught, in public school, first or second generation immigrants, average children of small men who worked for large companies. Two extremes, old Americans, products of pioneer thought and work, and new Americans, swinging dangerously and too trustingly with the pendulum of contemporary American thought. It was not so much the quality of their work that I found to be different; it was their attitude toward their work. In one school, work was a means of growth, a privilege, a duty to justify expense, an effort whose high reward was accomplishment. In the other, work was a punishment, something really disagreeable to be avoided if at all possible.

The homes must share the responsibility with the schools for such healthful or destr attitudes toward work because a child h portunity for work at home and he hears of work at home. An attitude that is de tive of ambition is cultivated in a home the father makes frequent complaint of a day at the office," where the mother about this task and that, and where the is made into a reluctant errand boy; everybody steams and fumes to push wo of the way so that much time may be ha "pleasures." It is so easy to burden our doubly with the work and the hatred of easy to pity ourselves, and so easy to pas hatred and self-pity on to our children.

We know that there will be no respo adulthood without growth that comes result of work that becomes ever h with each new growth. A child is proud muscle and we are proud, too, when we s new strength that comes with exercise take physical development seriously an alarmed about a boy who will not wo muscles to their limit of strength. So we feel about all work and all growth; if w so, our children will be eager for new The habit of creative work grows so e by such small steps; such little things ca courage it or stunt it!

In an effort to make work pleasurabl "progressive" parents and teachers often s coat it to look like play. "It is fun," we "See you can play this game and learn A,B,C's," teaching thus that work is offe and play the ideal. How much more fun is in doing something that is hard, some that almost reaches the limit of ability, s thing that builds muscle and self confid something that we know to be work! No can be so satisfying as creative work. Giv opportunity, a child will know this in any that is his own.

The difficulty comes, of course, in fin work that appeals to the child as his very But with a little thought and much tact al any task can become that to the energetic or girl. Frances looks after her room; she m up her bed every morning and mops and d dreary, routine tasks they might be, th

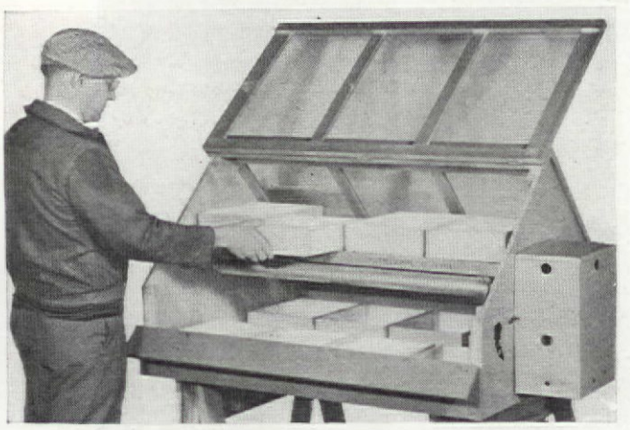
[*Please turn to pag*

The April bride of 1936

can have the same elegance as Godey's brides

New wedding sterling is much like that preferred by brides in Mr. Godey's days —more elegant and more elaborate than that of past years, in accord with more dignified and formal small house living. Top, the exquisite "Buttercup" which is Gorham's contribution to 1936 brides. Across bottom, left to right, Wallace's new "Sir Christopher" named after Sir Christopher Wren; International's "Primrose" pattern; Towle's new "Royal Windsor," then "Charles the Second" from Rogers, Lunt & Bowlen, and "Meadow Rose" from Watson

Ever notice that your plants—Asters, Phlox, Coleus, Gaillardia, even the leaves of the Yew, are chewed up by some mysterious insect you never see? It is probably the Asiatic beetle which feeds by night and when daylight comes it descends into the ground and nestles among the roots of the plant. It is the color and size of the coffee bean. Dusting with lead arsenate is one method of control but it is disfiguring. Another method is to trap the beetle by the means of the ultra-violet ray lamp. One unit like this shown above will suffice for the average suburban garden. The light isn't visible to the human eye but it attracts the beetles and they are lured to death in a kerosene bath. (Westinghouse Lamp Co.)



Quite adequate for starting seeds indoors in the ordinary dwelling is this Keene Plant Starter which is, in fact, a miniature hot water heated greenhouse. The little box to the right conceals an oil lamp and holds the boiler from which water is circulated, generating heat inside the glazed frame. The only consideration is that it be put where it can get some real light to help the young plants along. When all our houses are fully air-conditioned, we will probably be able to raise plants indoors just like Grandmother did. But, in the meantime—!

Is there any other hobby or recreation that yields the double return that the gardener gets? The real dyed-in-the-wool gardener enjoys as greatly the thrill of possessing and planting the seed of the young plant as he does the actual development and fruition. He sees in his mind's eye in the springtime, as he puts the seed into the ground, or as he did in the fall when he buried the bulbs, the unfolding picture of the future transfiguration and even though the realization may fall short of the original imagination he is adequately repaid on both counts. Plants in general grow into greater beauty as they reach greater stature, yet none-the-less the gardener must not be content with mere possession; always he must control, protect and coax out the maximum of beauty. Though spring sees the realization of the fall effort it is also the cradle of summer glory.

the spring planting

It is the critical moment—now, or never. Go to your specialist plant dealer and buy a choice selection of early flowering plants; Pansies, Forget-me-nots, Daisies, Iceland Poppies are just a few suggestions to brighten up the earliest days of summer before the more permanent and established plants get going. Bedeck not only your border but also replenish the rock garden, perhaps with Mosspink or Sunrose. Oh, what busy days this spring season brings to the gardener, but how inspiring!

division and multiplication

The old school-day jingle said, "Multiplication is vexation, division is as bad, the rule of three, it bothers me, and practice drives me mad." The gardener can adapt this philosophy. It is pretty nearly true that after three years of growth in the herbaceous border the perennials need lifting, division or multiplication, and resetting. In this sense, division and multiplication are one and the same thing—you divide to multiply. Hardy Asters, Hardy Chrysanthemums, Golden Glow, Eulalia, Helen Flower, Perennial Phlox, Iris, Delphinium; all these and many others of course can be lifted and let multiply by division, now. But very coarse things like Helen Flower can actually be chopped into pieces with a spade. Chrysanthemums and Asters can be broken up by hand. Nearly all the fall-flowering perennials can be handled with impunity in this way. The early flowering Iris, Delphinium, Lilies, with care (*with care*) can also be moved early. Old clumps of matted perennials are well repaid for lifting and cut away the matted central mass of roots resetting to give a new start.

the winter aftermath

We are getting done with cold wea now and looking joyously forward to sunshine of spring, but our ecstasy r not run away with due attention to sc what laborious chores. Have you ta stock of the current effects of the re winter? It is quite likely that the sp heaving after the frosts of winter have many plants actually on the top of ground, pulled up—roots and all—by succession of frosts and thaws. A very l wind and sun at this time will kill. L well to this thing. Go to the flower bo and transplant or replant everything has been yanked out; and, at the same t look and see whether some of the dee rooted plants are in need of being th back more comfortably into the soil. don't make the mistake of merely pushi plant into wet, sodden earth, but ra lift it and replant with a trowel. Delay til after real growth has started may s ously interfere with the proper growth the plant. Underground action in sprin vigorous long before the tops show activ

roses, roses and more roses

Did some of your Roses succumb to winter? All the more chance then for you keep your Rose selection modern and up- date. There are many really worth wh new Roses from which you may choose year. Select from the many offerings please your fancy is the best advice to beginner. Study a little bit the catalog the specialists and pick the variety t seems to please you most; and there color illustrations generally to lead you a decision. No one can tell in advance j how a given variety of a Rose (or any ot plant), may behave in any one particu region—or even individual garden in a given region. The factors are many a complicated. Experimentation and pione ing are really the lure that leads the g dener into new thrills and delights. W the first burst of growth in spring, pru the Rose. Cut out the dead wood, pru back the shoots according to your des The harder you prune back (that is, more you cut away and the fewer eyes y leave), the stronger and larger the resu ing blooms will be. It is a compensati balance—the more the blooms, the smal the individuals. It is for you to decide wh you like best and prune accordingly. As y

over the Roses by pulling down the
er mulch and cleaning up the ground,
is the time to give a real feeding to the
bed; growth is just beginning. That is
time to feed—preferably using a com-
prepared plant food on a soil with a
onable humic content as from an old
ure mulch which is simply to hold
moisture. Roses are woody plants and
will respond in ruggedness to a food
has plenty of phosphorus in it. Re-
ber that Rose roots do not spread far
wide; put your food close around the
t. And, as growth develops with the
on, don't forget persistent dusting to
rol the blackspot. It can be done. It
been done by others. It can be done by
In the early spring unhilling and prun-
spray with Semesan or Bordeaux as a
ral prophylactic. A good start in April
ns good Roses in June.

get after the weeds

ou would be quite surprised if you ever
stock of the great economy of an early
ng of your flower garden. The object is
ontrol the weeds. It has been well said
"one hoeing in April is worth three in
," the hoeing being aimed definitely at
ng off the sprouting weeds before they
get any real headway. This is particu-
effective with the coarser growing
gs like rank grass and Dock which are
y to start a good competition with even
tronger growing perennials. Now is the
to give that "stitch in time."

don't forget the lilies

ere's a group of bulbs that are a con-
ent and defiant lot for though they seem
refer fall planting, still they are con-
al enough to put up with spring plant-
so, if you did overlook Lily planting
e rush of the fall chores, there is time
o something about it this spring. Some
e Lilies emit roots from the stems above
bulbs as well as from the base of the
te" and accept spring planting more
y than the simple base-rooters. Such
s need deep planting, accordingly. The
lband Lily is a stem-rooter, and insuffi-
depth in planting is perhaps one of the
ons why it so often fails—just one! Try
ing them down a foot. A good general
is to plant so that there is a depth of
h over the bulb equal to three times its
h—not less. Some popular stem-root-
species are: auratum, batemanniae,
vni, dauricum, elegans, hansoni, henryi,
nicum, leichtlini, longiflorum, regale,
bulbiferum, concolor, croceum, rubellum, sargentiae, speciosum, sulphureum, tenuifolium, tigrinum, umbellatum, wallacei, wilmottiae. Which is after all quite a respectable slice of the great Lily family.

nurturing the tender seedling

A good early start in life is just as much worth while in a young plant as it is with any other living thing. Soil sterilization in order to destroy incipient disease germs is practiced on a large scale in commercial establishments and a suggestion for home application of that idea by low heat sterilization was made in last month's Album. There are other methods which should be considered. Certain organic salts of mercury are easy to use and quite efficient. Corms or bulbs of Gladiolus, Lilies, Tritonia, Begonia, and suchlike can often be assured a good start in life by the simple process of giving them a bath in such a sterilizing mercuric salt before planting. Semesan, Uspulin, are names under which these preparations can be procured and are much safer in general use than the stronger very poisonous mercuric salts like corrosive sublimate. With any rare seed, soil sterilization is an economy and many people find that treatment of the vegetable seeds—peas, beans, and suchlike—has resulted in a better stand. Any method of giving a helping hand to a young plant is worth looking into. The powder can be mixed with the soil in a seed flat as a preventative of "damping-off" too. Recent improvements have been made by the manufacturers, and used at planting time the cost is so small as to be negligible. It is very cheap insurance for the other factors—labor, space, etc. are the same.

lawns... beetles ... crabgrass

You would hardly connect up together such dissimilar things as Crabgrass and Asiatic beetles! Yet, if your region is infested by that Asiatic intruder or by the Japanese beetle it is quite possible that the Crabgrass that took possession of your lawn last year might be indirectly traceable to the work of one or both of these beetles that infest the soil and eat the roots of the lawn grasses. Where a good grass is killed or dies out, Crabgrass all too quickly gets in. There is no doubt that poisoning the lawn soil with arsenate of lead is an effectual remedy—one pound to a hundred square feet is recommended but half as much again would be even better. Such dressing will protect the lawn for four years. Apply the arsenate as a spray and wash in with the hose or you can mix the arsenate with soil and spread evenly over the surface of the lawn.

J. Horace McFarland Co.

Among the really good-natured annuals that illume the garden and provide an abundance of flowers for cutting, the Coreopsis is an established favorite. It is one of our good native American plants that has easily graduated into garden rank. It is one of those things that is almost too easy to grow but its profusion of welcome flowers guarantee its favor. Calliopsis and Coreopsis are interchangeable names but popularly Calliopsis is applied to the annuals and the common perennial Coreopsis is so distinguished. There have been dwarfs before but this season, under the name of Dwarf Marmorata, the dainty little plant pictured here suggests its possibility even for the rock garden. The tiny blooms range in color between maroon and mahogany.

J. Horace McFarland Co.

Dwarfness seems to be in the air this season and here's a very definitely low growing Chrysanthemum with the fitting name of Pink Cushion. But it also has other titles, worse luck, as Azaleamum and Amelia. It is a true rose-pink color and offers a means of getting color into the rock garden in the fall. It should begin to bloom in September and will keep on producing even enduring the early light frosts.

It's all done with MIRRORS!

When you cannot afford to re-do a room, or invest heavily in new furniture or upholstery, there is nothing which will work so great a miracle of decorative rejuvenation as bits of mirror, cleverly used. They give optical illusions of more space, more light, do all sorts of smart tricks for you

D. WHITN

THIS is really a plea to take mirrors more seriously. The general tendency is to regard them as one of the lesser pomps and vanities of this wicked world. Actually, they are the white magic of home decoration, performing all sorts of wonders if you handle them well. In addition to their common or garden function of reflecting the tilt of your hat or the shine on your nose—they can make a room look wider or higher; double the beauty of a fine vista; lighten a dark corner, and in general play tricks in optical illusion.

What to do until the architect comes—Have you a room that's badly proportioned? Don't feel you have to wait until you have money enough to remodel the house. A few well placed mirrors will conceal if not correct the defects. Is your living room too small and square? Try paneling the foyer with mirror. It makes a charming anteroom, and gives a magical illusion of far-reaching space. If this is too much for your budget, place a single large mirror panel on the foyer wall opposite the entrance to the living room. It will do the same thing in a smaller way.

Has your living room a super-abundance of doors which break up the wall space and completely confuse your guests? Cover one or two of these doors with mirror, first removing all mouldings so that the door can be made perfectly flat with the wall, in the modern style. Cut a piece the same width to place above the door, reaching to the ceiling. Flank it on each side with a narrow four- or five-inch strip of mirror, also reaching from floor to ceiling, fastened to the wall with glass studs. The effect is extremely decorative, and serves to eliminate the effect of one door too many.

Is your room too long and narrow? Place a mirror panel over the fireplace on the long side. It will make the room seem much wider. Or if your room is modern, do the fireplace it in mirrors. If you have no fireplace, a cle placement of a mirror screen will do the tr There are many new kinds, one of the sm est being the sort that looks like Venet blinds, with the slats in mirror.

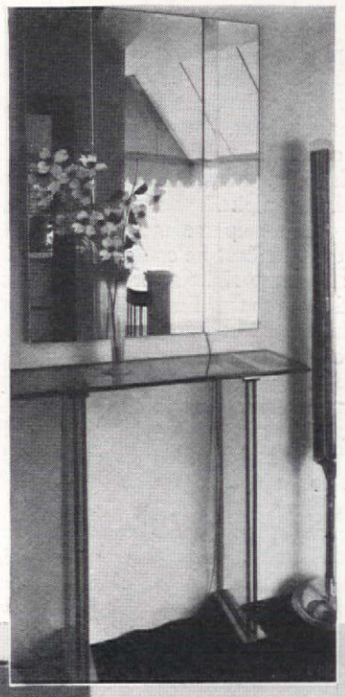
Looking glass gardens—One of the ni things about mirror is the way it doul your assets. If your living room looks o garden, place a large mirror on the oppo wall to reflect the vista. And if you hav a garden, why not line the sides and ceil casement of your windows with mirror? W dow boxes of flowers on the inside winc sill will be reflected, trebling their beau A simpler device, on the same principl place a mirror behind the side table on wh you place flowers, or a flat mirror plate neath your dinner table centerpiece of flow with matching mirror place mats and coast

Dinner is served—on mirrors—While

t: An average living room can be made to appear larger, more livable, and arter by using a large mirror at one end of the room. Courtesy, Bloomingdale's

Carrara structural glass is used in the bathroom, right. Courtesy, Pittsburgh Plate Glass Co. Originality in dressing table mirrors, below, of three different heights

Jessie Tarbox Beals



Extreme simplicity is afforded in the side table and mirror arrangement, at right, planned by Helen Hughes Dulany. The mirror over the fireplace below adds size. Grosfeld

Frank Randt

considering the dining room, don't stop place mats. Consider, too, the possibility of mirror top table. With white painted chairs d woodwork the effect is charming. If you afford to panel the walls in mirror, as well, is extremely dramatic, although naturally re expensive. And if you are proud of your ss and china, why not give it its due share publicity by placing mirror in back of the elves, or lining your open-front china cup-ard? It will reflect its beauty to advantage. In fact, this applies to your pet objets d'art nerally—whether your taste runs toward vres, Early American glass, or ships in bot-s. Place them on shelves in a niche lined th mirrors, and you'll discover that you have much handsomer collection than you sus-cted.

And, of course, if you're planning a little bar r your game room, by all means do it in rrors. Or at least put a mirror panel in ck. Glassware and bottles seem to have a rticular flair for narcissism.

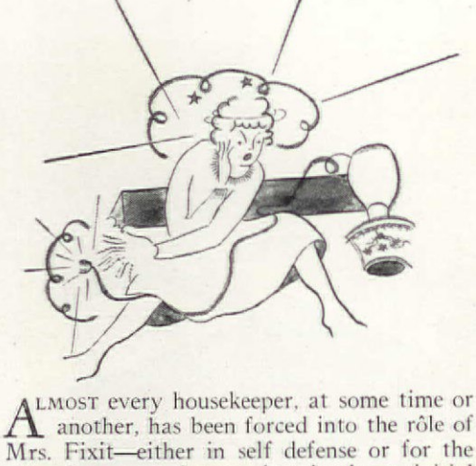
How far that little candle—In matters of umination, we can take a tip from our grand-thers, who put mirror sconces behind their ndles, and hung mirror prisms from their ndlelabra. The play of light on mirror is quisitely lovely, and incidentally, efficient. ave you a dark corner in your living room? ut a mirror behind the lamp table, and watch brighten up. The new mirror wall brackets r side lights, in rather modern prismatic apes are equally effective. And the very mod-n lamp bases made out of clusters of mirror rtain rods are interesting and by no means mited to use in modern rooms alone.

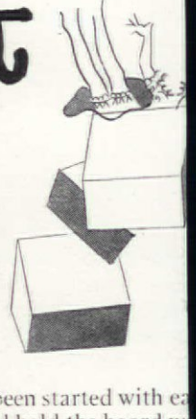
Coat closet into powder room—Are you ort of space, and consequently short a pow-r room for your guests? Hang a round irror, with a decorative medallion in the nter of it, on the back of the hall closet door. uild a tiny shelf below it for gadgets, such s powder, comb, hairpins, and other impedi-enta of beauty.

Or perhaps you lack a dressing room, with vanity table? Why not turn a corner of our bedroom into one? Build a triangular elf into the corner, with a "petticoat" of gay intz, Cellophane, fringe, or whatever. Line oth sides of the wall with mirror. Place a nall vanity box with its own standing framed irror on the little table top. Add a good right electric bulb, and you have a perfectly fficient dressing table with three-sided mirror.

Mirror minutiae—Space doesn't permit us be encyclopedic, and every day brings new iscoveries in the tricks of mirror decoration. e can't do more than remind you of the great ariety of mirror furniture on the market, rom cigarette boxes to radios and coffee ables. We don't know of any surer way to ring a bit of new life to a well-worn room han to introduce one of these charming pieces. f you're bored with your draperies, don't eel that entirely new drapes are the only ossibility. Try the effect of mirror curtain ods, mirror tie-backs, mirror cornices. They re particularly effective with sheer draperies, lthough by no means limited to them. The ffect of a mirror rod gleaming through sheer inon curtains draped swag fashion is de-ightful.

Some Tips For Mrs. Fixit





It is a rare household that does not need a Mrs. Fixit occasionally to replace a blown fuse, repair a damaged electric light wire, or tighten a loose door knob. Only by giving these little annoyances immediate attention can smoothness and serenity prevail in the household

MARTHA WIRT DAVIS

ALMOST every housekeeper, at some time or another, has been forced into the rôle of Mrs. Fixit—either in self defense or for the sake of economy. I remember clearly my initial experience. I had an important engagement for nine o'clock one morning and, as usual, had left the pressing of the dress I intended to wear until the last moment. Just as Friend Husband was leaving for the office I discovered that the iron wouldn't heat.

"The cord's burned out," he said after glancing at the plug. "Sorry I haven't time to fix it now. I shall tonight."

That didn't help me much so I called an electrician. The best he could do was a vague promise to come right after lunch. I decided then and there that if I never learned anything else in this life I was going to learn how to fix a burned-out cord. And I did. I sat down and took the cord and plug apart and tried, painfully and slowly, to recall a lesson in high school physics concerning electricity. I didn't get my dress ironed that morning but I did find out how a cord works and what to do in case it goes on strike.

While the rôle may not coincide with my grandmother's mid-Victorian idea of a ladylike accomplishment, there is quite a bit of satisfaction in being able to fix one's own cords, open stubborn windows, unstop stopped-up sinks, put new washers in leaky faucets or replace burned-out fuses without calling for male assistance.

The first bit of advice I would give a fellow sister who aspires to such independence and self-reliance is—learn how to use and care for tools. It will save time and family arguments. Almost every man, even though he never uses them, knows how to care for his tools.

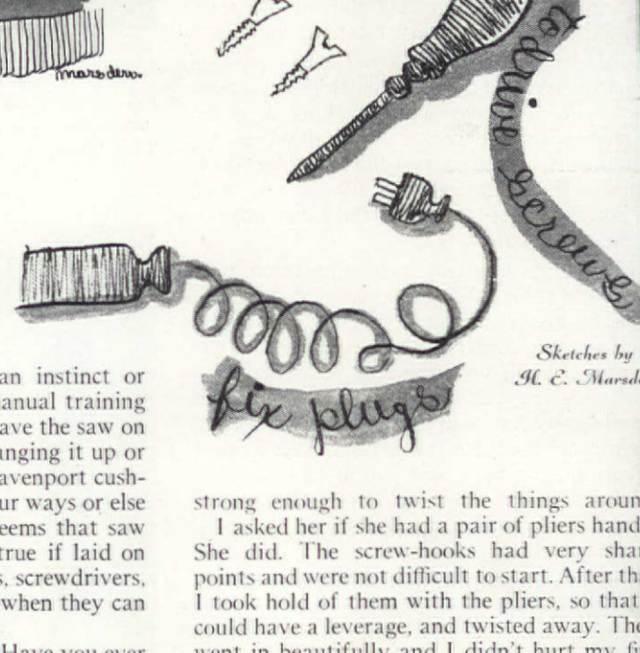
I don't know whether it's an instinct or whether it's a left-over from manual training days, but if you're inclined to leave the saw on the basement floor instead of hanging it up or to hide the hammer under the davenport cushions, then you'd better mend your ways or else give up your Fixit career. It seems that saw blades become warped and untrue if laid on a flat surface, and that hammers, screwdrivers, pliers, and such are useful only when they can be found in emergencies.

Now a word about hammers. Have you ever tried to pound in a nail with disastrous results either to your finger or to the nail and finally wailed in despair, "Oh, I simply can't pound a nail in straight?"

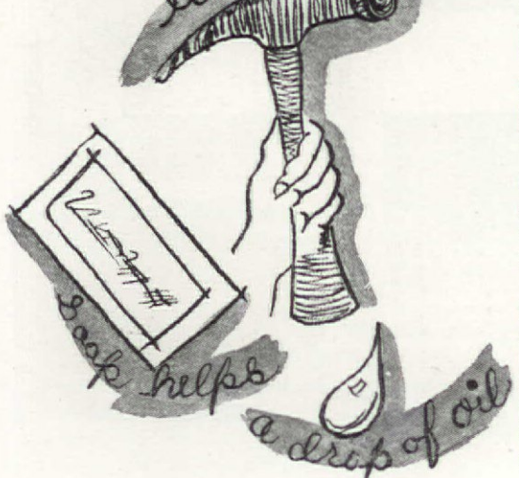
In all probability, my dear woman, you were trying to *push* the nail in with the hammer instead of *driving* it in. (The words are a man's. I am omitting the sarcasm.) Take hold of the hammer close to the end of the handle, so that it will swing freely and easily. If you grab it up near the head you won't have any leverage and your blows at the nail will be practically futile. After the nail has been started with ea taps, let go of the nail and hold the board w that hand, then swing away.

Never pound a screw, no matter how ang you are. It won't go in by being hammered a the little end will probably break off. If you putting up a towel rack or curtain fixture th is held in place by screws, instead of wrestli with screw and screwdriver and fixture all the same time, take the fixture apart as mu as you can. The rods are usually separate fr the brackets. Then hold the brackets again the wall and with a pencil mark through t holes where the screws are supposed to g Make little holes in the wall with a nail so th the screws will start easily. After they are on started they go in without an argument.

I dropped in on a friend once who was moa ing, "Oh, I've been at Fred for a week to put t screw-hooks in the cupboard for my cups. I' tried to do it myself but my fingers aren



Sketches by H. E. Marsde



strong enough to twist the things aroun

I asked her if she had a pair of pliers handy She did. The screw-hooks had very shar points and were not difficult to start. After tha I took hold of them with the pliers, so that could have a leverage, and twisted away. The went in beautifully and I didn't hurt my fi gers one bit. Pliers are such useful things fo saving fingers that I don't see how any woma can keep house without them.

In this age of electric gadgets, cords are th commonest things to go haywire. When you iron suddenly refuses to heat, or the toaste doesn't toast, or a lamp doesn't light nine time out of ten the trouble is in the cord. The easies way to find out is to look inside the plug tha you put into the wall socket. If your plu screws in, it is made up of two parts and yo will have to pull them apart. Lift out th

[*Please turn to page 98*

Easter eggs

We usually think of Easter eggs as hard boiled and decorated in a galaxy of colors. But consider these other Easter eggs—in a variety of rôles, suited to every taste and humor. Try them for breakfast, as a dinner appetizer, or as the main course for supper on Easter Sunday and other Sundays and week days throughout the year.—FLORENCE E. FIELD

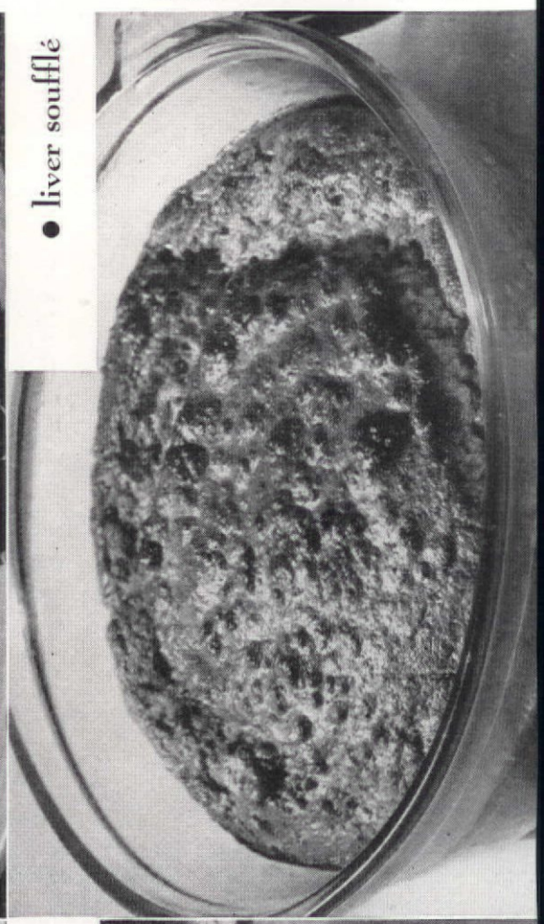
Recipe printed on back of each photograph

• eggs Savoy

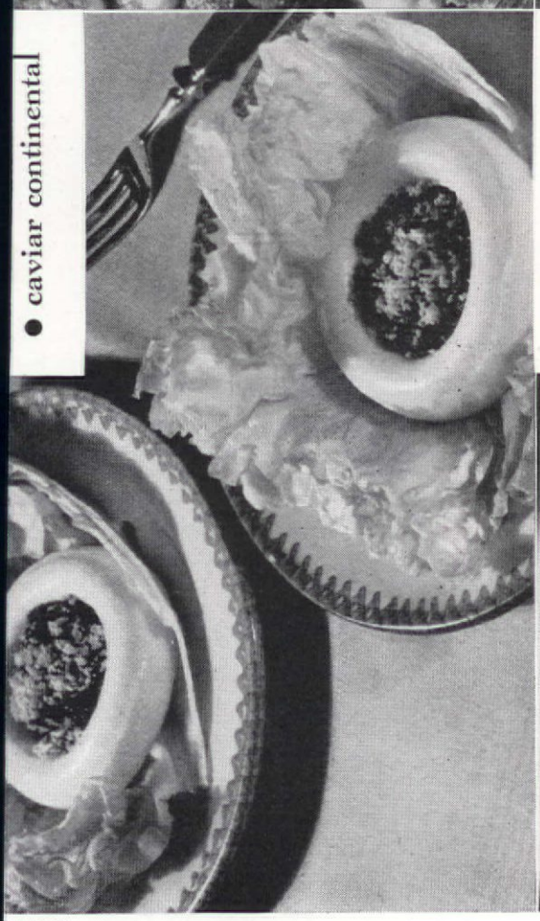
Recipe printed on back of each photograph

• eggs Polonnaise

Recipe printed on back of each photograph

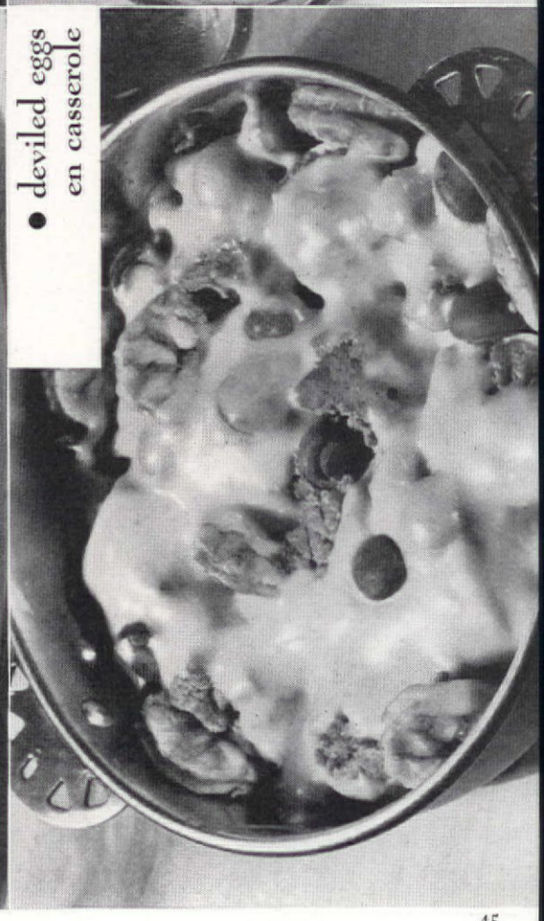


• liver soufflé



• caviar continental

• omelet superbe



• deviled eggs en casserole

Easter eggs

For breakfast let us garnish the dear old standby the fried egg with a crisp curl of bacon and a nicely broiled chicken liver. As for scrambled eggs, vary them with dried beef or slivers of sliced Bologna.—FLORENCE E. FIELD

Photograph printed on back of each recipe

• deviled eggs en casserole

6 hard boiled eggs
Mayonnaise
Mustard
Pepper
Salt
1 cupful shrimp
1 cupful cooked mushrooms

CUT eggs in half crosswise and remove yolks. Mix yolks with mayonnaise, mustard, pepper and salt to taste. Refill egg whites and place in greased casserole with shrimp and mushrooms. Cover with cheese sauce and place in moderate (350° F.) oven until thoroughly heated, about 10 minutes.

cheese sauce

2 tablespoonfuls butter
2 tablespoonfuls flour
1 cupful rich milk
½ cupful cheese, cut up

Melt butter and add flour. Blend thoroughly and add milk gradually while stirring constantly. When thickened, add cheese and heat until cheese melts.

Tested by THE AMERICAN HOME

• liver soufflé

1 pound liver
½ tablespoonful melted butter
2 tablespoonfuls cream
1 tablespoonful fine bread crumbs
1 teaspoonful grated onion
Salt and pepper
3 eggs, separated

PUT raw liver through meat chopper and then mash through sieve. To this add melted butter, cream, bread crumbs, salt, pepper, and onion. Mix in egg yolks, then fold in stiffly beaten egg whites. Pour into greased casserole and bake half an hour in a moderate (350° F.) oven. Serve with a mushroom sauce.

Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

• omelet superbe

12 eggs, separated
5 teaspoonfuls flour
5 teaspoonfuls corn starch
2 cupfuls milk
Salt and pepper

BEAT egg yolks lightly and add flour and cornstarch. Slowly add the milk and salt and pepper. Fold in the stiffly beaten egg whites. Pour into two buttered cake tins and bake in a moderate (350° F.) oven for 20 minutes. Serve with creamed sweetbreads and mushrooms between the layers. This omelet will never fall and may be served with many different things between the layers—creamed asparagus, shrimp, chicken, or Spanish sauce.

Tested by THE AMERICAN HOME

• eggs polonnaise

Buttered toast rounds
Steamed eggs
Whipped cream
Horseradish
Chopped chives

PLACE a steamed egg on buttered toast round, and cover with whipped cream which has been mixed with horseradish (to the proportion of ½ cupful horseradish to ½ pint whipped cream). Season with salt and sprinkle with chopped chives.

Tested by THE AMERICAN HOME

Photograph printed on back of each recipe

• caviar continental

Egg whites
Caviar
Egg yolks
Grated onion
Lemon juice
Lettuce

FILL well buttered individual ring molds with egg white. Place in shallow pan of water and bake in the oven till firm and hard. Cool and remove from molds. Place on lettuce leaf and fill center with caviar which has been mixed with grated onion and a little lemon juice. Cook the egg yolks in boiling salted water and when hard, rub through sieve. Sprinkle over caviar.

Tested by THE AMERICAN HOME

• eggs savoy

4 slices buttered toast
1 cupful hot milk
6 eggs
Cinnamon and sugar

PLACE toast on platter. Pour hot milk over it. Scramble eggs lightly, and pile on milk toast. Sprinkle generously with cinnamon and sugar, and place under broiler flame to glaze.

Tested by THE AMERICAN HOME

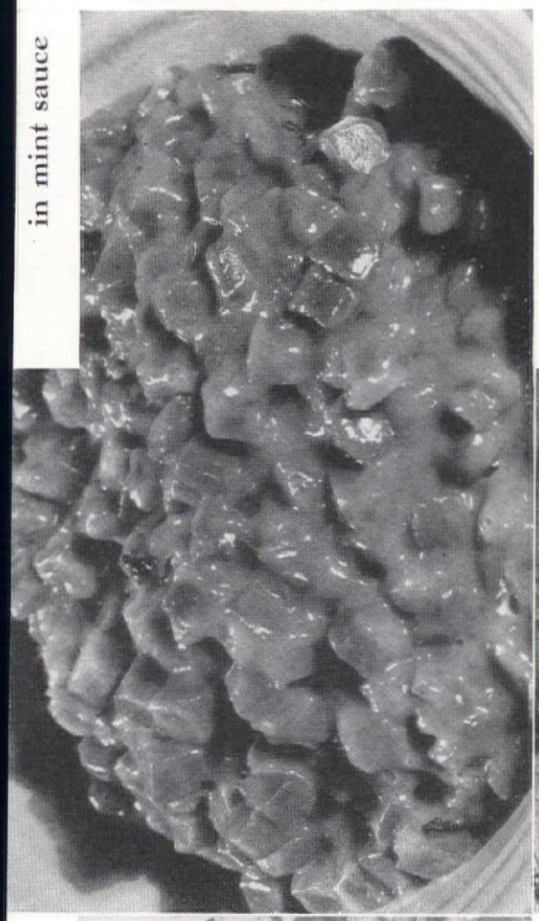
Photograph printed on back of each recipe

Carrots in high favor

In the time of Queen Elizabeth carrot leaves were considered so decorative that the ladies wore them in their hair in place of feathers. Nowadays carrots also are favored as an aid to beauty—but the trick is to eat them, not to wear them.—GENEVIEVE JEWELL

Recipe printed on back of each photograph

in mint sauce



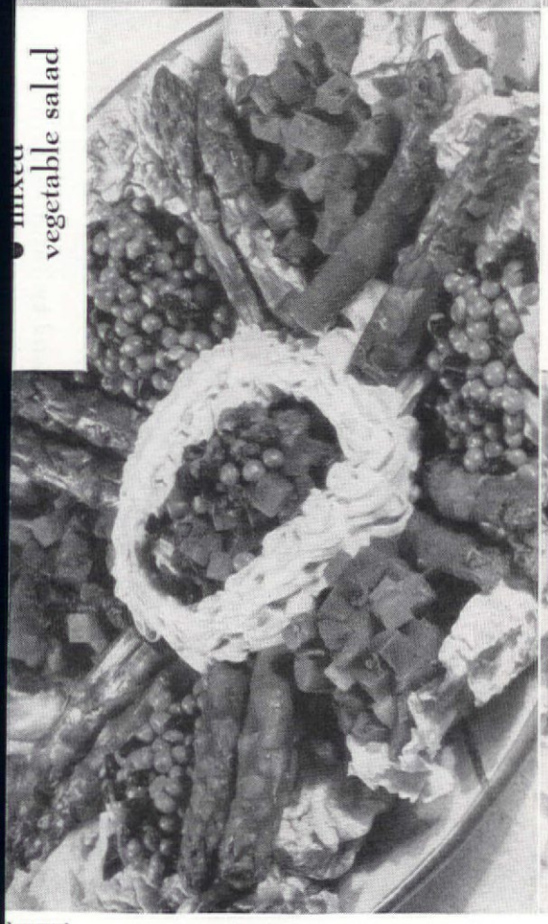
Recipe printed on back of each photograph

• golden flaked potatoes

Recipe printed on back of each photograph

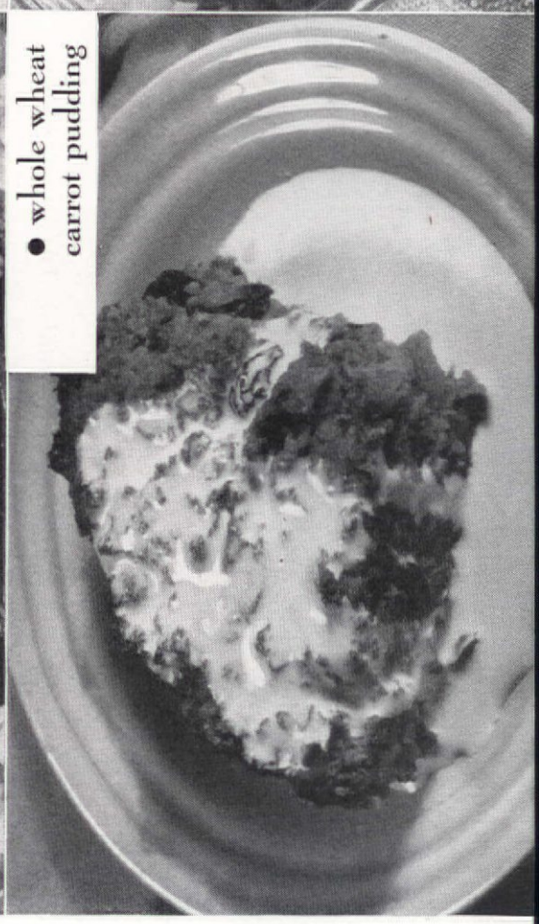
• baked carrots

• mixed vegetable salad



• sunset salad

• whole wheat carrot pudding



Demarest

• whole wheat carrot pudding

2 slices whole wheat bread
½ cupful milk
1 cupful ground carrots
½ cupful seeded raisins
3 tablespoonfuls sugar
1 egg, separated
½ tablespoonful butter
2 cupfuls whole wheat cereal flakes
¼ teaspoonful salt

Soak bread in milk. Add carrots, raisins, sugar, egg yolk, salt, and whole wheat cereal flakes. Beat egg white stiff and fold in. Melt butter in baking dish and pour in the pudding. Bake in a hot (400° F.) oven for 35 minutes. Serve with Golden Sauce.

golden sauce

¾ cupful sugar
2 tablespoonfuls flour
¾ cupful boiling water
2 tablespoonfuls finely grated carrot
2 tablespoonfuls orange juice
1 tablespoonful lemon juice
2 tablespoonfuls butter
⅛ teaspoonful salt

Mix sugar, flour, salt, and water in upper part of double boiler, and cook stirring constantly until thick and clear. Set over hot water, add remaining ingredients, and let cook slowly for 10-15 minutes.

Tested by The American Home

• baked carrots

3 cupfuls grated carrots
3 tablespoonfuls butter
Salt and pepper

Place grated raw carrots in baking dish with tight cover. Bake in a moderate (350° F.) oven for half an hour. Just before serving sprinkle with salt and pepper and dot with butter. Carrots baked in this way have an extraordinarily rich, sweet flavor. A sprinkling of ginger may be added to carrots before putting in oven for added flavor.

Whole carrots, firm and of fair size, may be baked carefully in the oven and they offer a similarly sweet flavor. Wash and clean carrots and bake in skin. When cooked, cut in half lengthwise and add butter and seasonings.

Tested by The American Home

• sunset salad

1 package lemon gelatin
1 cupful hot water
1 cupful canned pineapple juice
½ teaspoonful salt
1 cupful canned pineapple, cut fine
1 cupful raw carrot, grated fine

Dissolve gelatin in hot water. Add pineapple juice and salt. Chill until mixture begins to thicken. Stir in pineapple and carrots. Pour into well oiled mold and chill until firm. Unmold on lettuce and garnish with mayonnaise.

Tested by The American Home

• golden flaked potatoes

4 baked potatoes
1 cupful finely grated carrots
¼ cupful cream
4 tablespoonfuls butter
Pepper and salt to taste

Scoop out baked potatoes, mash with cream and butter, and season to taste with pepper and salt. Add shredded carrots. Pile lightly into potato shells and return to oven to heat thoroughly. The slight cooking gives carrots added flavor.

Grated carrots may be mixed in with plain mashed potatoes. This is an attractive dish that will delight the children.

Tested by The American Home

• mixed vegetable salad

16 asparagus tips
2 cupfuls cooked green peas
2 cupfuls cooked, diced carrots
Chopped parsley
Diced pimiento
½ cupful mayonnaise
Lettuce

Arrange lettuce on salad plate and radiate asparagus tips toward the edge. In spaces between tips arrange a mound of carrots alternately with a mound of peas. Place mound of mixed carrots and peas in center. Surround with mayonnaise forced through pastry bag and tube. Sprinkle carrots with chopped parsley and peas with pimiento.

Tested by The American Home

• hot carrots in mint sauce

1½ cupfuls diced carrots
2 tablespoonfuls butter
1 teaspoonful cornstarch
1 tablespoonful sugar
1 tablespoonful shredded mint leaves
Few drops lemon juice
Grated rind of ¼ lemon
⅓ cupful water

Cook diced carrots in small quantity of slightly salted water. When tender, push carrots to one side of pan, put in the butter and melt over a low fire. Blend cornstarch with sugar, add water, mint leaves, lemon juice, and rind. Add this to the butter and cook, mixing in the carrots as the sauce cooks. This is nice to serve with roast lamb.

Tested by The American Home

Carrots in high favor

The carrot as we know it today was probably developed from the wild species which grew in the fields and along the roads and seashores of Britain. Many interesting ways of using the vegetable have been devised to emphasize its flavor and heighten its palatability.—Genevieve Jewell

Photograph printed on back of each recipe

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Soup Kettles FOR SALE

I KNOW a house where there is always lavender among the linens—and heirloom silver so lovingly burnished that it gleams like shafts of moonlight on dark pools of polished mahogany. It was in this house that I saw the old copper soup kettle standing at a window—ablaze with tulips.

Here, as in many other fastidious households, the family now enjoys soups—made the home way without the home work—by the House of Heinz, creators of the famous 57 Varieties.

Thanks to long simmering in small, open kettles and "subtle twiddling of herb and spice," each of the twenty delectable Heinz soups comes to your table, a special creation.

Never, never water Heinz soup—but, as you'd pin Parma violets to your muff, one may add toasted almond halves to Heinz cream of asparagus, or pistachio nuts to the delicate cream of celery.

Clove-studded slices of lime or orange may well adorn the topaz-colored consommé Madrilène and croutons of puff paste are rightly added to the aristocratic mock turtle.

By Josephine Gibson

Advertisement

"Dolly . . . you've started a lot of gossip!"

1. "Look at these panties, Mother. They've got everybody on the block talking about dolly and you."

"Why, what's the matter? I wash dolly's clothes right in with my regular wash."

2. "I told 'em you do—and that nice new lady up the street said *that's* the trouble. She's afraid your washes have tattle-tale gray like hers used to. Even though you work hard, your soap leaves dirt behind and the clothes show it."

3. "Dear me! Is that all the new neighbor said?"

"Nope! She said you ought to change to Fels-Naptha—'cause its wonderful *golden soap* and *heaps of naptha* chase out every teeny speck of dirt—and clothes look a million times whiter."

FEW WEEKS LATER . . .

4. At the new neighbor's house. "So Mother tried Fels-Naptha Soap just like you told me. And now her clothes look so swell she baked you this apple pie."

"Well! Tell your mother Fels-Naptha is a wonder for silk things, too—and maybe she'll bake me a big chocolate cake!"

© FELS & CO., 1936

Banish "Tattle-Tale Gray"
with FELS-NAPTHA SOAP!"

My Dear Kate:

Do you remember John Biagolini, who used to work for your Dad? I stopped to talk with him one day and during the course of our conversation said that I should adore to know how to prepare real Italian spaghetti. He straightway gave me the recipe. Said he often made it for himself when Josey was not at home and she had taught him her method. When I prepared it for luncheon yesterday, I had an idea you might like to know the routine, so here it is: Use half a cupful of olive oil to one pound of spaghetti. Cut garlic or onion (but preferably garlic) into sections and add to oil which has been brought to a boil over a slow flame. Boil slowly and when garlic is red put in tomatoes (one pint can of skinned tomatoes). Boil for half an hour and then add pepper and salt to taste. Chopped meat may be added at this point, if desired. Boil spaghetti for twenty minutes in salted water. When done put in dish and flatten, add cheese (grated handsful—either Parmesan or Lacotelli), mix and add sauce. I always purchase my ingredients for this dish in our Italian section, as many of the shops in our neighborhood do not carry the right kind of tomatoes, which are of the small, bell shaped variety and usually imported. They seem to be richer than ours.

Alec has made a miniature cobbler's bench which has withstood a good bit of appreciative comment. He has fashioned into the seat a copper ashtray, the working bench holds a package of cigarettes and the drawer a box of safety matches.

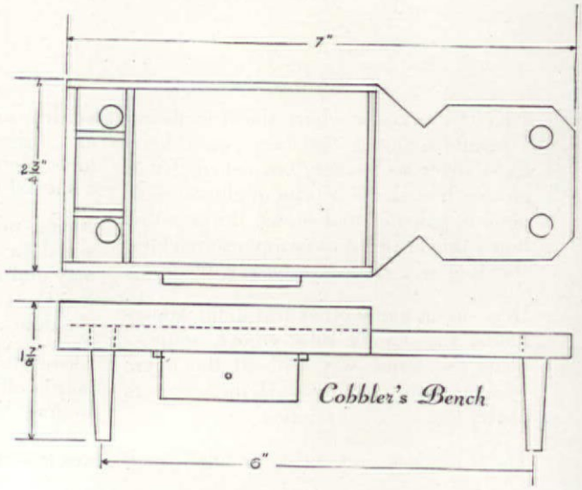
Although we usually buy inexpensive toys (when we do *buy* them) we have always been careful to buy firm, well made, sturdy articles. In spite of the fact that Judy is not a destructive child, any toy will occasionally break down under the general wear and tear of a child's play. I usually put any plaything that is in ne mending and when I have coll a few, we spend a Sunday mo repairing them. Alec does an pentering work, or painting mend stuffed toys, etc. and se the dolls have clean frocks. fact that these toys have been of circulation" for a time, new glamor in Judy's eyes a hope, inspires her to keep th good condition.

Having moved hither and from apartments to houses, never having owned our own I have had a varied exper with medicine chests and I never encountered one that ent met my needs. Last Christmas bought one for me (Yes, m' actually *bought* it althoug could be made). In reality it kitchen cabinet, but I have f it useful in every way. It is a four feet high, eighteen i wide, and fifteen inches deep is equipped in the lower se with three drawers. One of th use for our hot water bottle ice bag, the next one for Ju bathroom equipment (pow safety pins, face cloths, co vaseline, salves, etc.), and the t drawer, which is shallow, h bandage, cotton, scissors, salve for burns, and adhesive t Concealed over the drawers board which may be pulled ou hold any working equipment you may need to bathe a bab dress a wound. The top is a inet with two shelves which sufficiently high to hold tall bo of an antiseptic or mouthwas have found enough solid com in this chest to pay for it m times and when Judy was tin was a real blessing in disguise.

We are still enjoying the but nuts you sent last fall. They m such delicious cookies.

Devotedly,

LIB



Cobbler's Bench

Kitchen Towels— *a penny a dozen*

ScotTowels
2 large rolls—25¢

Ivory or Green Fixture—25¢

DRAINING FOODS—ScotTowels are more sanitary and absorbent than ordinary paper for draining fried foods.

WIPING STOVES—Whisk off burnt food with a clean ScotTowel. So quick, so much easier on your hands than kitchen rags.

POLISHING GLASS—ScotTowels leave glassware bright and shining. Fine for polishing mirrors and windowpanes.

150 towels per roll

Always Clean and Fresh—ready when you need one

THINK OF IT! 300 (2 rolls) of these pure white, soft and absorbent paper towels cost but 25¢! Actually only a penny a dozen!

A greasy pan to wipe . . . lettuce to drain . . . something spilled on the table . . . glass to polish . . . hands to dry—just whisk a ScotTowel off the neat white roll. Use it. Throw it away. Nothing to wash or rinse out afterward.

Made of "thirsty fibre," an exclusive Scott Paper Company development, these handy ScotTowels are soft and highly absorbent. They take up an enormous quantity of moisture and really dry. Put a roll in your kitchen—today.

You'll find ScotTowels on sale at grocery, drug and department stores. Or write Scott Paper Co., Chester, Pa.

(This offer applies only to the U. S., its insular possessions and Canada.)

INTRODUCTORY OFFER

SCOTT PAPER COMPANY, CHESTER, PA.

If your dealer does not sell ScotTowels, send us 50¢ (money or stamps) and you will receive postage paid—

2 ROLLS OF SCOTTOWELS, AND 1 ENAMELED FIXTURE, or SEND $1.00 FOR 6 ROLLS AND ONE FIXTURE

Check color of towel fixture desired: ☐ ivory ☐ pale green

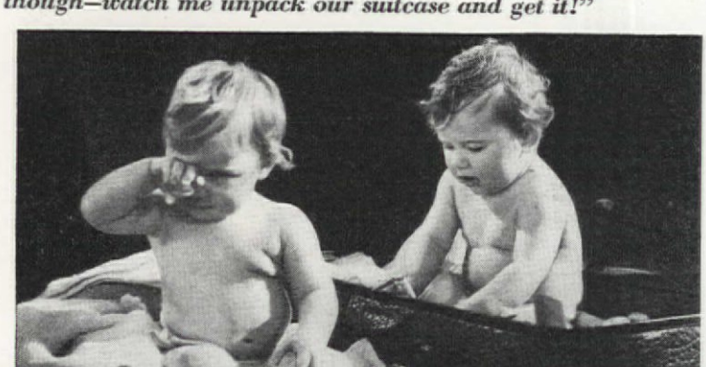
Name_____

Address_____

Dealer's Name and Address_____

A4-36

● *"Listen—you're my twin and best pal—but it'll be a cold day when I go traveling with you again! Crab—whine—boo-hoo . . . all the way home! I know what you need though—watch me unpack our suitcase and get it!"*



● *"Now stop your whimpering! I know you're chafed and hot and cranky—I don't feel any too comfortable myself. I am hurrying, aren't I? I'll find it if I have to dig clear through to China!"*

● *"There you are! Now will you take back what you said about me? Sprinkle yourself with that soft downy Johnson's Baby Powder and smile for a change. And then give some to Sister!"*

. . .

● *"I'm Johnson's Baby Powder—I'll defend your baby's skin from chafes and rashes . . . I'll keep it soft and satin-smooth—I'm that way myself! No gritty particles in me as in some powders—and no orris-root. I'm made of the purest, finest Italian talc. (Your baby will like Johnson's Baby Soap, Baby Cream, and Baby Oil, too!)"*

Johnson & Johnson
NEW BRUNSWICK NEW JERSEY

PARENTS—Take Heed!

MANY hundreds of books pass over our desk for review and, while we like to review them, space often crowds them out until they are no longer "news." However, these listed below were specially requested, for we felt they filled very special needs—for both parents and our young moderns. Our reviews are necessarily brief, but each carries a very special urge to go into your nearest bookshop and look at them yourself. They are really books for your children—but they take as many problems off your shoulders as they will from those of your children.

THE RIGHT THING: How to be decent though modern. By William O. Stevens, published by Dodd Mead ($1.50). With frankness and sincerity the author talks to the modern boy on the subject of morals. Sportsmanship, Honesty, Smoking, Drinking, Sex, Loyalty—these and many other subjects are discussed as man to man. Recognizing the fact that the present generation of young people cannot be appealed to entirely on the old sanctions of the church or family, but demand to be "shown," he makes what is usually a deadly subject really interesting. The style is light and colloquial. Your boy will read it and absorb it—and you should see that he gets it!

IT'S MORE FUN WHEN YOU KNOW THE RULES: Etiquette problems for girls. By Beatrice Pierce, published by Farrar & Rinehart ($1.75). There have been plenty of adult books on etiquette, but none addressed particularly to girls. Understanding the small embarrassments and annoying details that so often hamper a good time, she solves those problems that destroy their cherished poise. The all-important question of refreshments, how not to be a wallflower, week-ending at college, good manners at school—and even some sound advice on some little courtesies to practice at home and getting along with one's sister! A book as gay as a football week-end, and will be read because it is also as exciting as a new hat. Need we urge it for your daughter?

GOOD MANNERS. By Beth Bailey McLean, published by Manual Arts Press ($1.00). Not qui
same gay book as the one a
but carefully indexed for all
who seek proper etiquette
every occasion. Chapters on
a house guest, on having a
guest, going to teas and d
behavior in public places, an
ter writing. And again, a h
chapter on good manners at h

PERSONALITY PREFERR
How to grow up gracefully
Elizabeth Woodward, publ
by Harpers ($1.50). Four hun
thousand girls have writte
Elizabeth Woodward, so cert
she must know what they wan
what they need. She asks
how they look—a halo or a
of hair . . . war paint . . . ado
or striking. She asks them how
act—meeting people . . . at a
. . . at the movies and on
street . . . in a rumble seat. G
blind, ditto dates, date d
gang gatherings. What do
talk about . . . on the phone
on the dance floor. And a
special heading "Any girl can
but . . ." If all these things
"floored" you why not just
this in your daughter's ha
Miss Woodward will probabl
a better job at answering all
things, anyhow.

FUN IN BED FOR CHILDR
For Boys and Girls from 6 t
JUNIOR FUN IN BED: For
and Girls from 10 to 13. Both
Virginia Kirkus and Frank Sc
and both published by Simon
Schuster. Not etiquette, but
swering another equally fer
prayer from parents—when s
patients ply one with the ques
"What can I do now?" Both b
guarantee to provide amusem
from sun-up to bedtime. Both
swer the question in the
pleasant way possible, for
child and for the parents or n
A great many pictures and dr
ings, some for visiting hours, ga
they can play while flat on
backs and just as much fun w
they are up and about ag
Stories, magic stunts, puzzles,
riddles. In short, two logical
swers to two S. O. S. calls—
that of the child, the other the
of parents at their wits' end s
ing diversions for small patie

Does Your Mattress Fit.. Your Tired Spot?

No matter where your body tires most the Beautyrest's **FLOATING ACTION** *fits and rests that Tired Spot*

Check THESE QUESTIONS

	YES	NO
Do you wake up feeling tired?		
When you lie on your back, is there a hollow under the small of your back?		
When you lie on your side, does your mattress fail to fit hips and shoulders?		
Does your body roll into the middle of the mattress?		
Do you wake up feeling you've not had enough refreshing sleep?		

1 Yes proves you are probably sleeping on the *Wrong Mattress!*

EVERYONE has a tired spot . . . Some part of the body that tires first and ost . . .The small of your back . . .Or right etween your shoulder blades . . . The base your neck—Nothing wrong, just tired. Orthopedists tell us these tired spots are used by *tense muscles*. And the simple nswer is:—*Take the strain off those uscles!*

The time to do that is *at night*—When you drop into bed just aching from fatigue, your mattress must *fit!* . . . Fit into every curve of your body—So your spine can take its normal curve. And every tense muscle *let go!*

Why some Mattresses make you Wake up Tired

Just check the questions to the left. Find out where your mattress is failing you—Why you sometimes wake up still tired—even cramped and aching.

If your mattress is too hard, it holds your spine rigid—even sets up new strains. If it is too soft, the spine sags—again new muscle strains—strains you would feel in a hammock. The same if your mattress is lumpy . . . or sagging.

But the Beautyrest's "Floating Action" takes every strain off your spine. This scientifically built mattress actually *floats up* into every curve of your body—Rests and supports tired hollow spots. Cradles shoulders and hips. Never resists.

Its 837 coils of finely tempered steel, buried between layers of softest cotton, make this possible. Close together—the right size and shape—each separately covered—each ingeniously linked to the others—All scientifically worked out to allow easy adjustment to your body—no matter what position you take.

Beautyrest owners recently checked said they sleep better, wake up more fully rested, feel better in general since sleeping on the Beautyrest. See if *your* experience isn't the same!

In Notable Homes . . .

The Beautyrest is used in the most luxurious staterooms of the world's greatest liners—the Normandie, the new super-liner Queen Mary, which will make her maiden voyage on May 27 . . . and in world-famous hotels. It is in over two million American homes—great and small—You will always be proud of it and bless the day you bought it! Simmons Company, 222 North Bank Drive, Chicago. New York, San Francisco, Atlanta, Los Angeles, Dallas, Seattle, Kansas City.

SIMMONS *Beautyrest*

WORLD'S LARGEST MAKERS OF BEDS • SPRINGS • MATTRESSES • STUDIO COUCHES • METAL FURNITURE

Now Circle Tread Ozite Rug Cushions offer this INSURANCE against MOTH DAMAGE to the cushion

Would you knowingly buy at ANY price a rug pad that might serve as a breeding place for moths? Now genuine Circle Tread Ozite ends this danger—gives you an INSURED GUARANTY against moth damage to your rug cushions, backed by the FIREMAN'S FUND INSURANCE CO.

This Insured Guaranty is possible because of Ozite's *patented* moth-proofing process that actually KILLS moth worms. Only *genuine* Circle Tread Ozite is treated with this process—which is *permanently* effective!

To be safe from moth damage that might start in your rug cushions and spread through the house—be sure to get *genuine* Circle Tread Ozite. Easy to identify by the Circle Tread Design, and the Insured Guaranty that comes with every genuine Ozite cushion.

CIRCLE TREAD OZITE is the finest rug cushion made—softer than ever before because it's "Spring-felted"; its adhesive center prevents lumping; "Ozonizing" renders the cushion odorless. These features, and the Mothproof Guaranty, are found *only* in CIRCLE TREAD OZITE. Guaranteed to satisfy.

3 weights, in all sizes for rugs and carpets.

Loss under this guaranty insured by FIREMAN'S FUND INSURANCE CO. Be sure you get your Insured Guaranty, with every CIRCLE TREAD OZITE Rug Cushion.

CIRCLE TREAD Ozite
REG. U.S. PAT. OFF.
RUG CUSHION

Look for the Circle Tread Design

GUARANTEED as advertised in Good Housekeeping Magazine

CLINTON CARPET COMPANY,
Merchandise Mart, Chicago, Ill.
Please send me FREE sample of CIRCLE TREAD OZITE Rug Cushion—full details of your mothproof Insured Guaranty—and free booklet "Useful Facts About Care of Rugs."

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Address.....
City.....
State..... AH436

An apartment garden

CATHERINE CLEARY

AFTER weeks of walking up one street and down another, looking for the apparently impossible garden apartment that was within our means, we wearily climbed up the four flights of stairs to the hot-box we were then living in and decided, almost, to give up the ghost. Waves of heat rolled into the room mercilessly reflected from the brick wall outside.

Being average wage-earners with simple tastes, the picture of a New England salt-box cottage posed in a lush garden rampant with c and framed with the traditi white picket fence seemed to one of those Utopian ideas im sible of translation into me politan terms. The more humi became the more entrancing dream. Talking over the pl we'd looked at sifted down f the lovely formal gardens t were part of the lure of du apartments (whose rentals w more than our annual incomes) the modest little patches of

[*Please turn to page*

A little pool, bulb bordered path—even a garden gate—have produced a delightfully unconventional garden that is as close to the New England dream as it is possible to get in New York

Gorham's Newest
Eventide
in Sterling
• Eventide has those slim modern lines which lend so much charm to "little dinners." In more elaborate settings, its decorative motif gives it the distinction you want. • Modeled by gifted craftsmen, each piece has that perfection of weight and balance which makes it solely Gorham. • Start your Eventide set with a service for four or six persons. It can be added to, even one hundred years from now. • Your leading jeweler is showing Eventide, together with 27 long-loved Gorham patterns. The Gorham Company, Providence, R. I. . . . since 1831.
A PATTERN RICH AND FORMAL— WITH DISTINCTLY MODERN LINES
Chantilly
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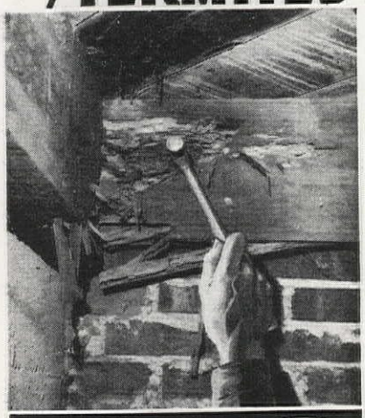
Hunt Club
Etruscan
GORHAM Sterling

DAMAGED by TERMITES



IS THIS GOING ON UNDER YOUR HOUSE ?

The above picture was taken under a house only seven years old. The costly damage shown IS NOT ROT. It is the secret work of *termites*, tiny wood-eating insects which are today damaging homes and buildings in every state. Of course, termites don't work out in the open where you can see them. All the damage pictured above was done underneath the floors, *inside the wood.* The owner had never seen termites; had not suspected their presence in his home. The badly damaged supporting timbers looked perfectly sound until a Terminix Inspector sunk his hammer into the wood, uncovering termites and their hidden destruction.

What about your own property? Although outwardly in perfect condition, it may secretly be infested with hordes of destructive termites.

TWO WAYS TO DISCOVER TERMITES

WINGED TERMITES—Once or twice each year reproductive termites ("swarmers") fly into the open for a few hours. This is the way termites start new colonies. If you see these winged insects around your property, you have a definite indication that a termite colony is working nearby. This is a warning to call in a Terminix Inspector—that colony might be under your building.

INSPECTION SERVICE—The one certain method of learning whether termites are in your property is to fill in the coupon below and ask for a free Terminix Inspection. A Terminix Inspector can locate termite infestation, and show you the damage if any is found. This inspection service is available throughout the country, and is absolutely free. Over 250,000 property owners have used this valuable service.

Terminix was developed by E. L. Bruce Co., the world's largest maker of hardwood floorings. This time-tested chemical has been used to insulate more than 21,000 homes and buildings against termite attack. No matter where your property is located, 5-Year Guaranteed Terminix Service is readily available through the world's largest termite control organization.

TERMINIX PROTECTS PROPERTY AGAINST TERMITES — Free INSPECTION COUPON

E. L. BRUCE CO. Memphis, Tenn.

☐ Please inspect my property and advise me whether you find termites or termite damage.

☐ Please send me free literature on termites and termite damage.

(AH-4)

_____

_____

Dollar Ideas

NOTE: We are desirous of publishing the useful dollar ideas submitted by readers just as quickly as space will permit. But, due to the great number on hand, we must request that no more ideas be submitted until the supply has been used up, when we shall publish a request for more. We cannot enter into correspondence regarding material submitted, nor can we return any rejected copy.

Towel Self-Service

Tack a strong cord or wire half way up the door frame leading into the basement and half way up on the post at the bottom of the steps, have the cord tight. Put all damp towels, clothes, etc. over this cord at the top and they will slide to the bottom where they can dry, saving many steps. MRS. R. B. GILMOUR, Sioux City, Iowa

Furniture Oil on Enamel

My kitchen cabinet and broom closet must be scrubbed weekly to remove the dirt and grease accumulations. The baked enamel had become dull and lifeless from these scrubbings.

A month ago, I rubbed the enamel with furniture oil (the same oil that I use on my mahogany bookcase). The gloss, the life of the enamel, has returned. Now, each time the cabinets are washed, they are also polished. Nor with this film of oil does the enamel collect the dirt any more rapidly than before. MRS. N. DANIELS, New York City.

No Unsightly Wet Rag

After using a cloth, that soon became rags, to polish my steel knives and forks I happened to try a cork that came from a "spring-water" bottle—any large cork will do. Just wet the cork and dip it in the scouring powder and rub on the steel of the knives and forks. It polishes quickly and the cork edge gets between the tines of the fork better than a cloth. When through rinse cork off with clear water and place on top of the scouring box, and no unsightly wet rags are around. ANNA E. BAUMAN, New York, N. Y.

Mending Aluminum

To mend aluminum, place article on hard smooth surface and hammer until the hole disappears. MRS. T. P. CUNNINGHAM, Killen, Ala.

Cleaning Small Necks

There is an easy way, not generally known, of cleaning decanters or bottles with small necks. Peel and cut a raw potato into small pieces, put them into the decanter with some warm water, and shake it vigorously up and down. Soon the glass will shine like crystal; then empty out the potato and rinse with cold water. MILDRED LOVECCHIO, Yonkers, N. Y.

Cleaning an Eggbeater

If, after using an eggbeater for any purpose, it is cleaned under the cold water faucet immediately, given a few quick turns, and then put on the stove to dry, a good many minutes will be saved. I have watched so many housekeepers working over a dried eggbeater, that I'm sure this simple way of cleaning it is not generally known. MRS. ERNEST A. STONE, Dolgeville, New York.

Cleaning Sandwich Toasters

After I have used the sandwich toaster I put a wet cloth on the grids while they are still warm and then it is very easy to clean them. Formerly I waited until they were entirely cold to clean them and then it took nearly an hour. MRS. M. K. WHITMIRE, Orangeville, Pa.

Handy Article in Kitchen or Pantry

Hang an ordinary tin funnel in your kitchen or pantry. Place a ball of string in top and draw string through the small end. String is always handy when needed. MRS. FRANK J. NISSEN, Port Clinton, Ohio

Square Biscuits

When making baking powder biscuits, roll out the biscuit dough in a square or oblong shape. Cut into squares with a knife. If this method is used, there will be no scraps of dough left to be rolled out again, and the biscuits are very clever looking as well as time-saving. ARLENE C. MATTSON, Whitehall, Wisc.

Ginger and Veal

To assure a delicious brown crust on a veal roast, rub the roast lightly with salt, and a very fine coating of ginger before putting into the oven; no ginger will be perceptible, but the will have a better flavor. F pork roast use sugar instea ginger. MISS ELSA KRAUCH, neapolis, Minnesota.

Better Looking Meat L

When you make a meat o loaf, try putting it in muffin It will bake quicker and much prettier than a loaf. JOHN BAIN, Chicago, Ill.

Overly Salted Food

If the food has been salte much, stretch a fairly wet tightly over the top of the ing dish or pan containing food. Sprinkle a small qua of white flour over the cloth this stand for a few minutes. MAY KELLY, Uniontown, Pen

Bread Too Fresh?

If your bread for sandwich too fresh to slice easily place the refrigerator to get thorou cold. This will harden it enough to make thin slicing sible. MRS. CHRISTINE P. Ho Lynn, Mass.

When Making Butterscot Pie

Try adding one tablespoo of molasses to the rule. This enrich the color of the filling, the molasses will blend with sugar, butter, and vanilla, gi the pie a real butterscotch ca flavor. MRS. S. M. LYNCH, E hampton, Massachusetts

Save the Parings

When paring apples for t use first wash them. Save p ings and cores cooking then separate pan. They contain r of the pectin or jellying subst as well as the color. Pour the j thus obtained over the apples stead of an equal amount of hot water. Both flavor and c are greatly improved. MRS. A MARRS, Kansas City, Mo.

Piquancy for Salads

Try adding a boiled sweet tato put through a sieve to y salad dressing, especially

[*Please turn to page*

THE ACCEPTED BEST
. . costs less to own!

Research Keeps General Electric Years Ahead

YOU can depend on a G-E to give you efficient, trouble-free service for years on end. Priced within the reach of every family—it now actually costs less to own. For economy—choose a G-E. Remember: General Electric introduced the famous sealed-in-steel mechanism that requires no attention, not even oiling; the all-steel cabinet; the stainless-steel super-freezer; sliding shelves; and countless other features. Constant research in the world's greatest electrical laboratories keeps G-E years ahead—assures you the finest refrigeration service money can buy. The G-E Monitor Top was the first refrigerator with more than a one-year guarantee. Today all G-E Refrigerators with the sealed-in-steel mechanism carry 5 Years Performance Protection.

Every Proved Feature

● The new G-E models offer all the latest convenience features: temperature control and defrosting switch, sliding shelves, interior lighting, foot pedal door opener, quick releasing ice trays, stainless-steel super-freezer, vegetable compartment, and stainless porcelain interiors with rounded corners.

"My household budget being a modest one, an electric refrigerator was an important purchase in our home. Friends who had already owned G-E Refrigerators for years told me I would always be glad I bought a G-E—and I have. Its unfailingly perfect service has now long been accepted just as a matter of course, for it has never required attention."
—Mrs. Beatrice McCarthy
New York City
(This is not a paid testimonial)

All Types—Models—Sizes

● The new 1936 G-E Refrigerators are now on display at your General Electric dealer's. They are more beautiful than ever, more efficient and even more economical. The silent, General Electric sealed-in-steel mechanism with forced feed lubrication, now gives "double the cold" and uses 40% less current than ever before.

G-E Costs Less to Own

● On an average of EVERY MINUTE IN EVERY DAY, somebody buys a new General Electric Refrigerator. You will find G-E's in the modest homes of small wage earners as well as in the luxurious homes of the well-to-do, for *it costs less to own a G-E.*

There is a General Electric Refrigerator to suit you exactly. Three different cabinet styles—Monitor Tops, Flatops, Liftops—all with the famous sealed-in-steel mechanism. Prices are as low as $79.50 at the factory.

For your nearest General Electric dealer see "Refrigerator—Electric" in the classified pages of your telephone book. General Electric Company, Section F4, Nela Park, Cleveland, Ohio.

YOU'LL ALWAYS BE GLAD YOU BOUGHT A GENERAL ELECTRIC

GENERAL ELECTRIC
ALL-STEEL REFRIGERATORS

New ADHESIVE SEALEX LINOLEUM *sweeps the country!*

...find out how it saves Money, Time and Bother

THOUSANDS of floors of the new Adhesive Sealex Linoleum already have been laid in homes all over the country.

Why? *Because* this revolutionary inlaid linoleum with the factory applied *adhesive on the back*, saves up to 20c on every $1.00 of the installed cost.

Because it reduces the time of installing a finished floor to 2 or 3 hours.* *Because* it can be applied directly to any smooth, dry floor, without felt lining and messy paste.

Because Adhesive Sealex actually gives you a stronger and longer-wearing installation—*a truly permanent floor!* For the adhesive is distributed so evenly that it holds every square inch of the linoleum firmly in place.

Then you'll love the smart patterns—the "shadow" tiles—the rich "monochromatics" and Veltones, with their swirl of subtly blended colors!

See the designs yourself. Run your finger over the surface of this linoleum and discover how perfectly smooth and easy to clean it is . . . You'll find this new and patented** inlaid linoleum, that everybody's talking about, at department, furniture and floor-covering stores all over the country.

*Estimate based on average floor of 15 sq. yds. **Patent 1,970,503.

ADHESIVE SEALEX LINOLEUM

TRADEMARK REGISTERED

The modern Inlaid Linoleum...made by Congoleum-Nairn Inc., Kearny, N.J.

From barn to summer hide-out

KATHRYN E. RITCHIE

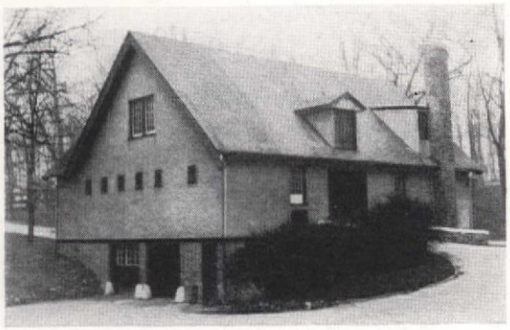
have your large white-pil-ared summer home burn com-ly to the ground one night is gedy, but to have a spacious into which you can move which proves eventually a delightful home than the e-pillared house is a piece of ordinary good luck.

. and Mrs. H. S. Warren of ago were the owners of the e which burned and the barn which they could move, both hich stood on the shore of Geneva, Wisconsin. Mayo Mayo, Inc., were the archi-who saw the possibilities in cobwebby old stable and sformed it into a delightful mer hide-out for the Warren ly.

nese spacious barns of a gen-on or two ago have much to mmend them architecturally nomes. Their lines are usually ble and good, and they are and sturdily built. They , moreover, a certain mellow-of atmosphere and are con-ve to that informality of life h city people find so restful n they go to the country for summer. The Warren barn been long unused. In the ment there stood an array of int old vehicles—a phaeton, a ey, a Stanhope, a dog-cart, a Victoria. These have never n removed from the premises are today objects of unusual rest, carrying the imagination k to those picturesque days of horse-drawn vehicles.

The living room has a unique lighting fixture

The ground floor space of the barn consisted of a row of box stalls along one end, harness and carriage rooms along the other, and a large open space in the center for harnessing and hitching. Upstairs there were great haylofts and coachmen's quarters.



ight, the old barn below, after it me our summer hide-out

In remodeling, no attempt was made to change the original character of the structure. The old haylofts were converted into bedrooms and baths, the harness and carriage rooms into a dining room, butler's pantry, kitchen, and servants' dining room, while the box stalls, with the exception of one which is today used as a card room, were removed and their space utilized for a staircase, two bedrooms and a shower.

The large living room is, of course, the focal point of interest, being dominated by a huge brick fireplace and an enormous hand-hewn beam across the center of the ceiling. The lighting fixtures consist of wagon wheels from which stable lanterns hang. Hay-racks on either side of the fireplace hold logs and kindling.

The barny atmosphere has been carried out further in the chintz window hangings which have a pattern of prancing steeds, in the pieces of harness and gleaming bits and bridles hanging about here and there, and in curious old horsey prints on the walls. Oriental rugs, couches on either side of the fireplace, a grand piano, make the room comfortable in winter as well as summer, and the presence of skates, skiis, and snow-shoes tell their own story of vigorous outdoor life in the country when the snow is on the ground.

The Richness of wood paneling at Wallboard prices

PROTECT YOUR HOME FROM FIRE with Sheetrock

THE FIREPROOF WALLBOARD

THE rich beauty of wood is now combined with the fire protection of Gypsum. One wallboard brings you both. Ask your dealer for Wood Grained Sheetrock.* Used for wainscoting and ceiling-high panels. Wallboard sizes, 4 feet wide, 6 to 10 feet long. Readily cut and nailed. Four finishes: Knotty Pine, Douglas Fir, Walnut and Matched Walnut.

Not an imitation, but a true reproduction of wood panels carefully selected for their graining and beauty. Can be shellacked and waxed or varnished, or left as it is with its factory-applied lacquer finish. Attractive, practical, economical. Its core of fireproof Gypsum adds valuable protection to wood framework. That is why we say "When You Build with Wood, Protect with Gypsum."

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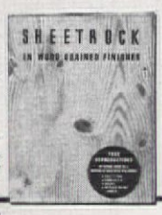

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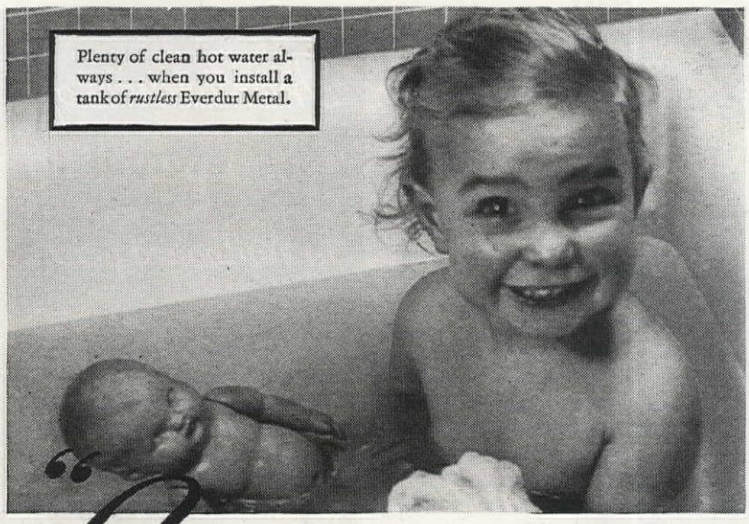


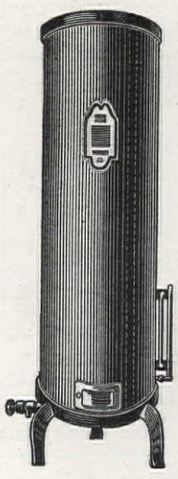
"Come on in... the water's fine!"

Rust-free hot water—supplied by a tank of non-rust Everdur—helps guard your baby's precious health

HOT water, cleaner and more healthful, because it is *free from rust*...that is what a tank of durable, rustless Everdur Metal means to your family and to yourself. And beyond that, when you install an Everdur Tank, you're forever through with rust-repair bills, as far as your water heater is concerned.

Everdur is nearly all copper ...scientifically alloyed with silicon to give the strength and ruggedness of steel. Like copper, it is rustless . . . and this quality makes Everdur Tanks particularly attractive to thrifty homeowners who wish to guard against periodic repair costs and eventual tank replacement.

A storage tank of sturdy Everdur Metal costs more than the ordinary rustable kind. But in long life, in dependable service, in the additional comfort and convenience it gives you . . . an Everdur Tank more than pays for itself.



Leading manufacturers of storage tanks (range boilers) and automatic storage heaters (gas, electric and oil) standardize on Everdur Metal for non-rust tanks. This equipment is readily available from your local dealer or contractor.

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Tanks of EVERDUR METAL
RUSTLESS AS COPPER . . . STRONG AS STEEL

Mr. Godey's lady editor

[*Continued from page 37*]

man who had owned a news-stand and a book shop and who longed to become a publisher. Mr. Godey was not an editor but he was a good business man and his Lady's Book and Magazine was making a place in America. This was before the days of copyright laws and an owner of a magazine could clip and even steal the work of anyone who wrote. Mr. Godey used mostly English material and gave his readers lots of chatter and pictures. In later years he bought and paid well for American writing.

Mr. Godey was carefully watching Mrs. Hale's work in her competing magazine in Boston. His one idea was to own that magazine and to combine it with his Lady's Book. He worked skillfully and used the weapon that has usually worked in any century, flattery. Hardly a month passed without some reference to the "accomplished lady editress in Boston." The climax came when he published a poem written by Mrs. Hale's fourteen-year-old son who he said "had inherited his mother's talents." Apparently Mrs. Hale's one vulnerable spot was her children. In the December issue of Godey's Lady's Book Mr. Godey announced that Mrs. Hale would now edit his magazine and it would be combined with the American Lady's Magazine. Thus began a new and eventful era that was to last for forty years.

Mr. Godey was willing to let Mrs. Hale run his magazine as she liked but it was he who always kept an ear to the pulse of business. It was Mr. Godey who had a page in the back of the book that he called the "Arm Chair" and from which he praised himself, Mrs. Hale, the magazine and nearly everything from pens to schools. It was Mr. Godey who saw that the magazine had the best pictures and he was proud of his engravings and fashion plates and he told his readers that he was. His next issue was always the "best."

While Mr. Godey was keeping his public informed about the material things of life Mrs. Hale was going serenely on her way with her public's education. She taught her readers to sew and gave them patterns for knitting, clothes, and wax flowers. She gave them poems, philosophy, and religion and told them to be good wives and mothers. Mrs. Hale expected every woman to do her duty and be a lady and it was not her fault if they did not profit from her teachings.

Home and the family were her religion. She published pictures of houses and the plans to us building them. Old issue Godey's Lady's Book show dreds of plans for houses, n in the American Gothic These houses appear ugly today but it was the beginni the housing problem made and it was a step in the direction, the ownership of h

Running a magazine in early nineteenth century ha problems. Even the mails badly organized. Sometimes ers in distant places did nc ceive their winter issues spring because of bad roads subscribers paid the postag the magazine and Mr. Godey adding pages and the price c postage went up accordi Naturally the readers wro protest. Again Mr. Godey w write from his "Arm Chair" tell them to be patient. He sure, he said, that when they the pictures and reading matt the next issue they would be too glad to pay the extra pos He had unusual power of pe sion it seems, because the n zine subscriptions increased year, gaining a hundred thou readers in ten years and jus fore the Civil War there more than a hundred and thousand subscribers.

The watchword of Go Lady's Book was tact. Mr. G combined tact and business Mrs. Hale had tact and the p to educate women and make t like it. The magazine fast bec the outstanding magazine in country for women and no c petitor ever surpassed it.

Mrs. Hale began her crusa in Boston. In 1825 the corners for Bunker Hill Monument laid by Lafayette. In 1840 it not been finished because of of funds and public indiffere This was a man's enterprise they had not done so well wit At least that is what Mrs. H thought. She began stirring torials in her Boston magazin 1830. She appealed to the wo of the country for funds. She lieved in women if the men not or if they did not believ themselves. Even today her of getting money from wome a time when they rarely had seems a bit futile. But Mrs. H never let one of her ideas go tried. For fifteen years she appealing to the women rea through editorials, verses, meetings. When she went to Ph delphia and had even a w circle of readers who kept up pleas.

In 1840 she had a better i This was something definite. suggested that the women hol bazaar in Boston, sell their ha work and thus raise funds complete the beloved monum Again she got what she wan and after two months of prepa

$810 and up, list at Lansing. Special accessory groups extra. Car illustrated is the 8-Cylinder Touring Sedan, $935 list.

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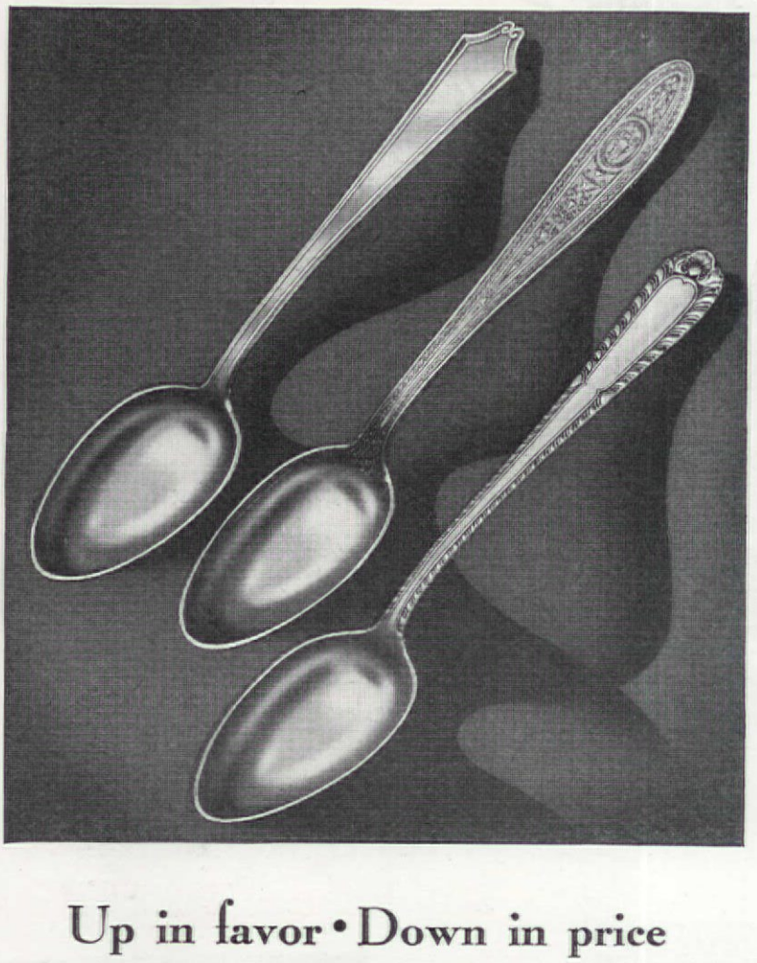
SAFETY GLASS STANDARD THROUGHOUT • CENTER-CONTROL STEERING • RIDE STABILIZER • 100-HORSEPOWER ENGINE • 121" WHEELBASE

• Three silver designs by International Sterling... *Minuet* took its motif from the arched top of a Colonial highboy. *Wedgwood* was inspired by the classical designs on Wedgwood pottery. *Gadroon* is a pure 18th Century English design.



Up in favor • Down in price

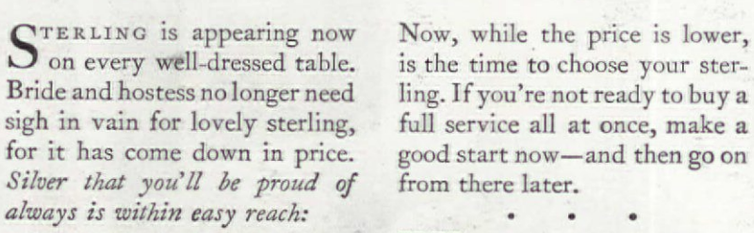
STERLING is appearing now on every well-dressed table. Bride and hostess no longer need sigh in vain for lovely sterling, for it has come down in price. *Silver that you'll be proud of always is within easy reach:*

International Sterling's glorious patterns are in great demand wherever women appreciate true fineness of design and workmanship. For this is silver that has no fear of the fickleness of fashion. It can only grow more dear as the years go by.

Now, while the price is lower, is the time to choose your sterling. If you're not ready to buy a full service all at once, make a good start now—and then go on from there later.

• • •

FREE—Marvelously helpful booklet, *Planning for Sterling*. Brings you news of a practical scheme for acquiring a full service of solid silver. Send for it today! Write Dept. 36, International Sterling, Wallingford, Connecticut.



• Eleven silver beauties from traditional and modern schools of design. Above—*Springtime, Orchid, Pine Tree, Continental, 1810.* Below—*Empress, Fontaine, Trousseau, Primrose and Simplicity.*

tion the women opened their fair in Quincy Hall, Boston, and sold all kinds of fancy work, probably also suggested by Mrs. Hale in her magazine. The sale lasted seven days and more than thirty thousand dollars was raised for the monument fund. Again Mrs. Hale had put the men to test and many public spirited citizens subscribed to make the necessary total. Today this monument stands on the site of the Battle of Bunker Hill in Charlestown, Mass., a monument both to a battle of the Revolution and to Mrs. Hale.

The early widowhood and the struggle that followed left a deep impression on Mrs. Hale. It gave her a strong sympathy for women and children. She interested herself in everything pertaining to the needs of those who had to work or those who were left without support. She saw the misery of families whose fathers went to sea. Often they were gone for years and left their families in destitution. Mrs. Hale knew what it was to be dependent and she did not want others to know the curse of it. She interested people in the need of industrial schools and free libraries so that every one could get an education. She fought for everything she believed was good and always for the right for women and children to have a happier and more secure life. The work that she started in Boston she carried on in a larger degree for the whole country. She had vision at a time when women did not have it and few men did. Her magazine gave her the chance to reach many people and she hammered her ideas for years if it was necessary. She had courage, patience, and belief in herself and the human race. It is hard to believe that the sweet-faced Mrs. Hale had such force when you examine her picture but she was made of stern stuff and she knew how to use her powers.

Mrs. Hale was fastidious. She taught her readers to make the most of themselves. She was always impressing upon them to take care of their personal appearance and their homes. She told them how to care for their skin, the kind of cloth to use for their clothing and what to wear for all occasions. She told them the kind of scents to use and how to make creams and lotions for the skin. She also told them what kind of foods pleased their husbands and in one issue gave no less than fifteen recipes for plum pudding. A New Englander by birth she knew good food and how far it went toward making a happy home. Year after year she gave her readers all that was needed to make them beautiful and useful. What more could any woman do? Mrs. Hale's influence on the life in nineteenth century America was probably as great as of Queen Victoria on the wo of England and she too ha long reign.

There is an interesting stud the fashion plates that were lished in Godey's Lady's B These were Mr. Godey's pride joy and he spent money and perfecting them. Mrs. Hale w that she was glad her rea liked the plates because they employment to many women. Godey wrote that he never sp expense to give his readers best and latest fashions. readers must have liked the ored plates because they incre from one page to many page the course of years and got r elaborate.

The history of America ma seen in these fashion plates. the country became more pros ous the fashions became r elegant. The period preceding Civil War was elegance at best—or worst. Yards of mate and hours of handwork were essary to make one of the go shown in Mr. Godey's pla Even the children were ex sively dressed. We often wo if there were no poor peopl those days. Examine one of plates captioned "Morning Dr and compare it with morn dresses worn by modern wor

George Washington issued first Thanksgiving Day Procla tion in 1789. The Pilgrims held their day of thanks in 1 and there had been days of tha in many communities on s autumn day after that. But national observance had b thought of until Washing wrote his famous proclamat From 1789 until 1863 there no national holiday for than giving. But Mrs. Hale saw to t also. She used her magazine tell her readers the need of s a day. She began her editor on the subject in 1846 and kept them up until she finally p suaded Abraham Lincoln that was right in 1863. Mrs. Hale eloquent in person and on pap She had written to every pr dent from Fillmore on but had no satisfaction. The 18 were troublous times. She kn when to appeal to Mr. Linc because this was a time when nation should think as one u She wrote a letter to Presid Lincoln and a few days later ceived one from his secretary, Seward, saying that the Presid was considering her idea for national day of thanks. Four da later on October 3, 1863 Linc sent out the first National Than giving Proclamation since that Washington. It is a stirring of writing and well worth re ing every year. No president ever improved upon it. Thus gan the Thanksgiving Day th

[Please turn to page 7

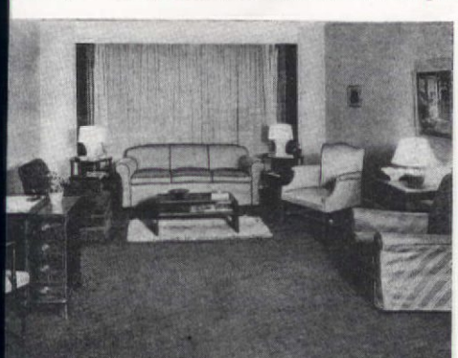
The ROOM RECIPE IDEA *at work for you!*

The most practical plan since Eve set up housekeeping! To help you make your home more charming *for a little money.*

et and Jim Sheldon, married five years, plan to do r their home. Clever Janet reads in a magazine ut Bigelow's helpful new Room Recipe idea.

Jim dated Janet up for lunch next day and later they stopped in their favorite rug department for ee copy of "Bigelow's Folio of Room Recipes."

Their store put the Room Recipe idea to work for the Sheldons by assembling for their approval background ingredients called for by their recipe.



Presto...the living-room of Janet and Jim Sheldon transformed at small cost! They followed "A for the Room without a Fireplace," Problem 17.

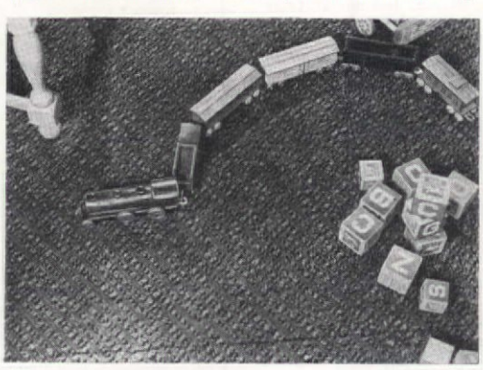
STOP in at the rug department of your store tomorrow and ask for your free copy of "Bigelow's Folio of Room Recipes."

We've prepared these Recipes to help you furnish a home . . . to redecorate problem rooms . . . to crystalize your plans for making your home more attractive. We tell you, in directions as simple as a cook-book, how to combine ingredients for successful room decoration.

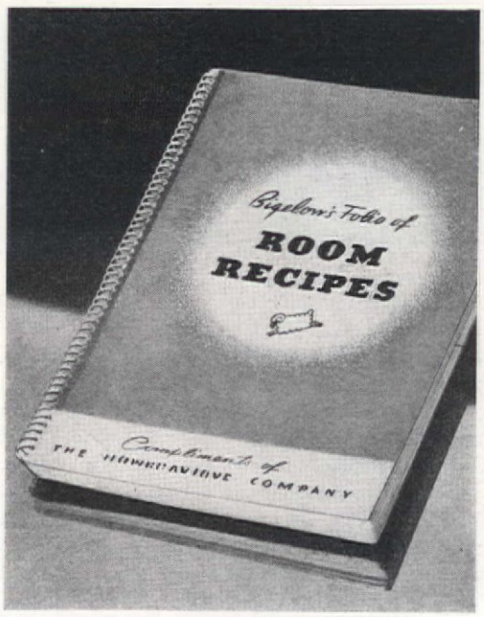
And in creating all these Room Recipes, we've been as budget-minded as a young housewife!

The pictures on this page show you how the Room Recipe idea helped two different families. See what wonders they accomplished with "Bigelow's Folio of Room Recipes"... then get *your* free copy!

4 A Room Recipe for the dining-room, too . . . "How to Bring Warmth to a Dark, Cold Room." Janet's mother admires the Bigelow Sanforstan rug.



5 For surprisingly little money, the Sheldons next "reciped" the nursery. Bigelow Shetland broadloom, used wall-to-wall, makes a warm play floor.



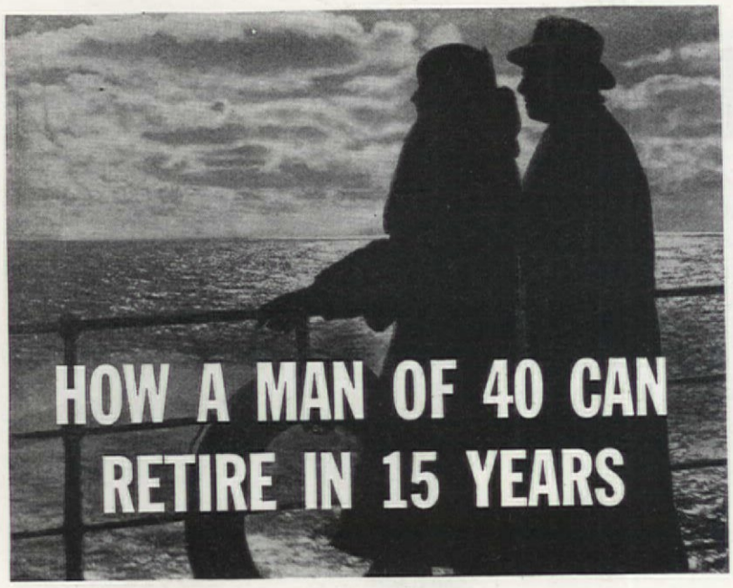
Get your copy! **Here is the wonder book that helps improve your home for a little money, "Bigelow's Folio of Room Recipes." Free in rug departments or send 10c to Bigelow-Sanford Carpet Co., Dept. 4A, 140 Madison Ave., New York, N.Y.**

6 Bigelow's Room Recipe idea is contagious! Janet's parents, the Wentworths, got busy and created a dignified 18th Century living-room.

7 And Dad has his own reading corner!

RUGS & CARPETS BY THE BIGELOW WEAVERS

Copyright, 1936, Bigelow-Sanford Carpet Co., Inc.



HOW A MAN OF 40 CAN RETIRE IN 15 YEARS

IT MAKES no difference if your carefully laid plans for saving have been upset during the past few years. It makes no difference if you are worth half as much today as you were.

Now, by merely following a simple, definite Retirement Income Plan, *you can arrange to quit work forever fifteen years from today with a monthly income guaranteed to you for life.*

Not only that, but if you should die *before* that time, we would pay your wife a monthly income as long as she lives. Or, if you should be totally disabled for six months or more, you would not be expected to pay any premiums that fall due while you were disabled, and you would receive a disability income besides!

$250 a Month beginning at age 55

Suppose you decide that you want to be able to retire on $250 a month beginning at age 55. Here is what you can get:

1. A check for $250 when you reach 55 and a check for $250 every month thereafter as long as you live.

This important benefit is available alone; but if you are insurable, your Plan can also include:

2. A life income for your wife if you die before age 55.

3. A monthly disability income for yourself if, before age 55, total disability stops your earning power for six months or more.

It sounds too good to be true. But it isn't. There are no "catches" in it, for the plan is guaranteed by an 85-year-old company with over half a billion dollars of insurance in force. If you want to retire some day and are willing to lay aside a portion of your income every month, you can have freedom from money worries and you can have all the joys of recreation or travel when the time comes at which every man wants them most.

The Plan is not limited to men of 40. You may be older or younger. The income is not limited to $250 a month. It can be more or less. And you can retire at any of the following ages you wish: 55, 60, 65, or 70.

How much does it cost? When we know your exact age, we shall be glad to tell you. In the long run, the Plan will probably cost nothing, because, in most cases, every cent and more comes back to you at retirement age.

Write your date of birth in the coupon below and mail it today. You will receive, without cost or obligation, a copy of the interesting illustrated booklet shown below. It tells all about the new Phoenix Mutual Retirement Income Plan and how it works. Send for your copy of the booklet now. The coupon is for your convenience.

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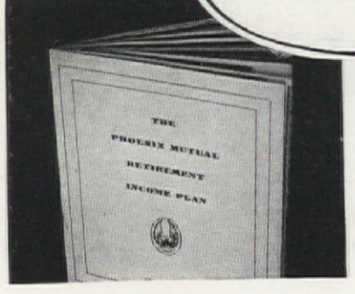

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Send me by mail, without obligation, your new book describing THE PHOENIX MUTUAL RETIREMENT PLAN.

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A combination of formal and naturalistic design. The suburban home of M T. Glenn Phillips, Northville, Michigan, landscape architect and city plan

In landscaping your home consider simplicity and natural effects

J. M. BENNETT

SIMPLE construction, natural planting, and a spaciousness in design add materially to the utility and appearance of the home and its surroundings. Unlimited plans may be made which embody these features in various ways.

Simplicity in garden design may be marked by the elimination of unnecessary construction, the absence of excess ornamentation, the proper use of ordinary materials, and the lack of intricate arrangement. A natural appearing grade with long, rolling, vertical curves is generally most desirable except in formal gardens. A considerable amount of grading may be avoided by taking advantage of the original ground level in such instances. Moreover, the top soil is left tically undisturbed which a preserving existing trees shrubs.

Grass strip joints are mo tractive than concrete join brick or flagstone walks be they appear in closer relati the surrounding garden or area. Dry stone walls, servi rock gardens, may be built to terraces or to mark the brea tween the natural ground leve the formal garden.

Shelters and tea houses nee be elaborate and often their may consist only of rustic r or timbers overgrown with C ing Roses or other vines. Co brick, native stone, and weat

[Please turn to pag

This view demonstrates the transition to the surrounding garden by means of properly placed shelters near the house

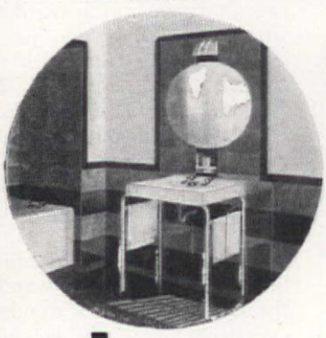
New homes ahead....

There is no word in our language that means quite so much to so many people as the one simple syllable "home". It is the basis of our whole social structure. And planning a new home, today, is once again as great an adventure as it was when that sea of white-capped covered wagons surged across the prairies. The fascination of new building materials and the new trends in architecture that they have been instrumental in creating exert as compelling an influence now as did the lure of blue horizons a hundred years ago.

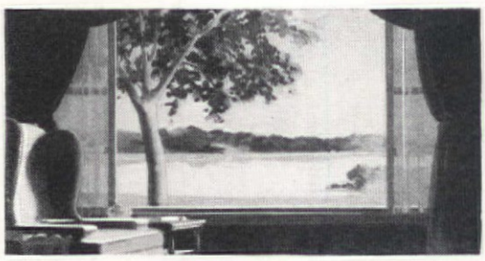
The more generous use of glass, for example, brings new beauty and a stimulating air of distinction to even the most modest residence. Sunlight. Fresh air. Spaciousness. An atmosphere of graceful living. These are the fundamental elements of home. Glass enables everyone to have them.

And glass, despite its new importance, is but one of countless considerations in building that have changed radically within the past few years. That is why it is as unwise to start your journey new-homeward without an architect to guide you as it would have been for the early pioneers to venture into unknown lands without the guidance of a skilled and competent plainsman. When you take advantage of favorable building costs and improved economic conditions, remember that one of the most important elements of all is to RETAIN AN ARCHITECT.

Libbey-Owens-Ford Glass Company, Toledo.

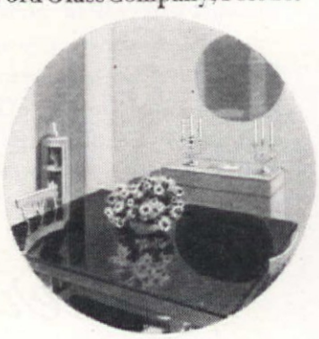


VITROLITE FOR BATHROOMS AND KITCHENS
This colorful structural glass is available in sixteen striking colors. Will not dull with age. Surface will not check or craze. A damp cloth keeps it lustrous and beautiful.



PICTURE WINDOWS
In every home there is an ideal spot for a Picture Window, that generously proportioned expanse of Polished Plate Glass that frames your favorite view and makes it seem a part of the room.

PLATE GLASS MIRRORS IN COLOR
Introduce a new note into your decorative scheme. Reflect your furnishings with added richness and warmth. Deep or delicate blues. Peach. Green. Color is the crowning glory of glass.



LIBBEY-OWENS-FORD

Quality Glass

Better ASK for "*Illusion"!

Bring the outdoors in! The colors that delight you in the garden, flower into indoor loveliness in these handsome Kleinert's Shower Curtains of "Illusion" – their specially processed transparent silk which NEVER sticks, splits, or peels. There are clear gay shades for rooms with figured walls, as well as smart designs to lend interest to plain color schemes—home decorators find Kleinert's Shower Curtains the easiest and most effective means of beautifying a new bathroom or rejuvenating an old one.

Kleinert's
*T. M. Reg. U. S. Pat. Off.
SHOWER CURTAINS

Guaranteed by GOOD HOUSEKEEPING AS ADVERTISED THEREIN

An apartment garden

[Continued from page 54]

ment bounded with half-inch borders of widely separated and defunct clumps of Pansies, said patch to be shared by two apartments. That, for us, was out of the question for three reasons, a wirehaired, a scottie, and a sealyham.

We decided to give the idea just one more chance because sturdy as our spirits had been they were beginning to match the worn condition of our pavement-pummeled feet. After deep consideration it was decided that as I had originated the idea in the first place it was up to me to make the final attempt. Faint-hearted as it was it produced the miracle! At least, to our jaundiced eyes, it looked like one; a ground-floor apartment complete with back porch and fairly good sized yard (called a garden by the landlord). There were no strings attached. The yard was for our sole use and the landlord thought the dogs were "cute." Looking, to the unprejudiced eye, like a typical New York backyard whose rectangle of pale hard earth vied in impenetrableness with the flagging that dissected it, to us it was the answer to both human and canine prayer.

Waiting for the first of October was pretty difficult. We were so filled with grand plans and ingenious ways of transforming that yard. Conversations inevitably focussed on the ultimate results. Voices dripped botanical syllables with the greatest of ease. What difference that most of those scientific terms were incorrectly pronounced. They sounded so enchanting. That the space to be worked with was only twenty feet wide and eighteen feet long, part of that taken up with flagged walks, never was considered. To hear us one would have thought

that at least a third of Central Park had been turned over to us for landscaping.

Once having moved in, the purely practical side of the picture presented itself. We were merely renting this property and who could tell where we'd be next year. There was, of course, the possibility of our remaining, but the possibility of the rent being raised after we'd improved the property or one of us losing his job was just as apt to happen. Consequently, our very limited funds must be spread wisely but thinly so that we would have the maximum results for the following spring and summer. Long drawn out procedures and elaborate plans were out of the question. Pencils, paper, and a multitude of nursery catalogues brought about the final plan of using a few evergreens and flowering shrubs, bulbs for fall planting, and a great many annuals to be planted in the spring. So out we went, blithely and carelessly, determined to spend only so much and to a full-fledged garden that lo as if it had been in existenc years!

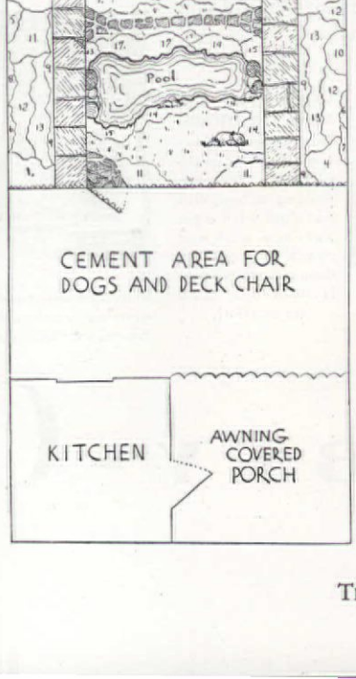
We prowled around down- nurseries spending twice as as we'd planned, buying greens, a Persian Lilac, A Forsythia, bulbs, and se Daphne bushes. Back hom plant them and then some w sale telephoning inviting peo "Come see our garden." came, saw, and were impr So were we, especially as we f that a running patter of glo description about the future g was very adequate in coverin brown bare patches still mos vious. It got colder and colde then the first snow changed ou vitation to "You really must and see our evergreens. Th simply darling against the sn And then it was spring. The greens were dead but we still h for the flowering shrubs to b into bud and the bulbs to pus through the earth. We waited waited and so did everyon whom we had bragged. But ing appeared despite the fact in the park things were happe that made us simply frantic impatience. It ceased to be fu this non-appearance. Finally rage drove me into the yard w trowel. One after another bulbs were dug up. Each w rotting mass of sliminess. Th became blue and then clarified a series of remembered pict how long the snow stayed i garden; and after it had me what a long time it took fo water to disappear. As a matt fact, there were weeks on end there was a good inch of water the entire yard. No wonder evergreens and shrubs died an bulbs rotted. Almost anyt would rot if it sat in wate winter.

From that point on and weeks to come I was subme in literature. Although u

Key to Plan

1. Castor Bean
2. Privet
3. Persian Lilac
4. Nicotiana
5. Gourds
6. Hyacinth-vine
7. Morning-glories
8. Moonflower
9. Petunia
10. Flowering Almond
11. Stock
12. Giant Zinnias
13. Dwarf Zinnias
14. Sedum
15. Evening Primrose
16. Daisies
17. Ipomoea hederacea

Wild flowers and ferns in rock garden at back—3 foot slope



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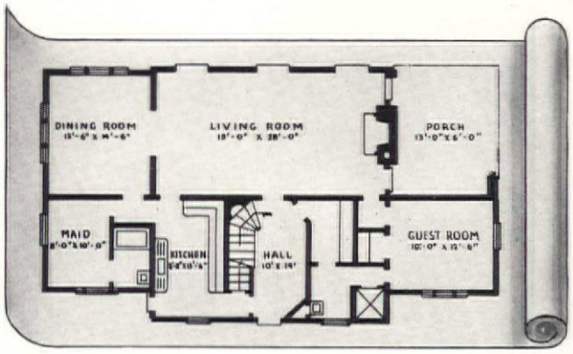
Unfortunately for us who make them, you don't buy a rug every day, not even every year. So it's only reasonable you should be a bit particular, especially about color. That's why Alexander Smith have developed the TRU-TONE principle. Shades of color that are very "right" to begin with, carefully blended to harmonize with each other and with the smartest new things in other furnishings. Rugs and carpets that retain their TRU-TONE charm in bright sunlight or soft lamplight. TRU-TONE colors are just one of the manifestations of extra quality and value expressed in the Good Housekeeping Guaranty on the Alexander Smith label

"NEARLY RIGHT" WON'T DO In Rug Sizes either

The rugs illustrated are from the new FLOOR-PLAN* Group, an inexpensive semi-custom line with custom-binding, developed to enable you to have a rug of really correct proportions for your room Fine stores everywhere are offering Alexander Smith FLOOR-PLAN Rugs in 23 sizes as large as 12′ x 21′ at very moderate prices. Write for A Guide to Rug Buying, an attractive book illustrated in color. Alexander Smith Division, W. & J. Sloane Wholesale, 285 Fifth Ave., New York City.



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ASK FOR *Alexander Smith* Tru-Tone *Rugs*

Clean, polished walls of Gray and White Carrara are the basis of beauty in this modern kitchen. Venetian blinds, shelf recesses and cabinet trim done in Chinese Red Waterspar Enamel bring gayety into the room. Ceiling areas in Wallhide Semi-gloss Paint tinted to a soft gray, and White Waterspar on door and cabinets, round out the kitchen's color scheme. Note the use of smart inset mirrors in the door.

Cure your kitchen of Old Age...

WITH CARRARA WALLS

THE bright, polished loveliness of Carrara Structural Glass never fails as a remedy for aging kitchens and bathrooms. Carrara Walls banish that time-worn look, drive out dullness, restore youth and beauty to the room, and give it a new charming personality. And incidentally, once remodeled with Carrara Walls, the room will never again grow old . . . for Carrara Walls retain their original freshness year after year. An occasional wiping with a damp cloth . . . that's all they need. Don't think for a minute, though, that Carrara is good only for remodeling old rooms. It is the last word in lovely, practical wall materials for the bathrooms and kitchens of new homes, too.

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Please send me, without obligation, your new book entitled "Personality Bathrooms and Character Kitchens."

Name.....

Address.....

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n apartment rden

ntinued from page 64]

nbers of books and articles ned words of wisdom into my ry eyes I could find nothing t dealt primarily with city gar- ing. Maybe this was just an- er dream. Even so, the more I d and talked, the more enthusi- c we became. At least certain damentals must hold true in the garden.

tarting from scratch that back- d "dirt" was transformed into il" by deep and hearty spading. is was done, not once that ing, but four times and, even n, a fifth spading might have n added. A bale of peat moss s worked in deeply, additional inage conduits (a couple of lead es, remnants of a plumbing) were added to supplement single clogged one the yard asted of; and re-working with pade-fork things got under way. off-set the acidity engendered such generous use of peat moss d to counteract the sour condi- n of soil that had not been rked for years, a hundred unds of chemically treated lime re thoroughly sifted into the rth. This treated lime is really arvelous in keeping the clayey l loose and friable and actually es prevent the packing of the rth that is the outstanding char- teristic of city soil.

While all of this spading and rking was going on the idea of pool was conceived. An uneven, turalistic outline was dug allow- g an additional six inches circum- rence for cementing. One end of e pool, to conserve labor was g to a depth of but a foot and half gradually sloping to the her end (designed for growing aterlilies) a three-foot depth. eing informal the sides slope in ntly thus making for easier ce- enting. The result of the excava- on was a gargantuan pile of earth hich offered difficulties. How to ispose of it? It was shovelled to e back and piled against the nce until inspiration solved the roblem. Cementing the pool was latively simple. During its exca- ation, enough broken bricks were ug up to reinforce the bottom and bout two-thirds of the way up he sides. A heavy cement mixture omposed of sand, gravel, cement, nd water, was laid about two nches thick over the entire inside f the pool. While it was drying nd setting the grocer's pushcart as borrowed and taken on a rock- athering trip. Buildings were be- ng torn down on the west side of own near the river. Four trips urnished enough rocks (not hunks f cement or broken tiles, but real rocks with considerable heft to them) and broken flags to complete the pool and make a rock garden out of the pile of earth at the back.

When the first coat of cement had dried, a very rich mixture, two thirds cement and one third sand, was trowelled on and lapped up over the edge. While still wet and workable, rocks were pushed into the edges at strategic points and bits of broken flag were inserted at the lip of the pool thus taking off the curse of a plain cemented edge. When the second coat had dried (a week was allowed for this), the pool was filled and allowed to ripen. The water was changed three times and that first changing pointed up the fact that no method of drainage had been executed. Baling got very tiresome after the sixty-fifth bucketful so the rest was siphoned off. The total expense of the pool was something under four dollars.

The planting of the garden, a matter of experimentation to find city-proof plants, developed quite a list of unexpected finds. Adhering to the original plan of concentrating on annuals, many of which are grown from seed, and interspersing them with proved perennials and transplanted wild flowers, which really do grow in this city yard, has achieved a delightfully unconventional and charming garden that is as close to the New England dream as it is possible to get in New York City.

And how do the dogs like it? Their energy and resourcefulness in assisting the excavation proved the lure of the soil in no uncertain manner. The only answer was to have a fence which, of course, meant a picket fence. We built one straight across the garden from side fence to side fence, putting a swinging gate at the left side for entrance to the garden. The idea of painting it white was most intriguing but then the thought occurred that one would, in such a limited area, see nothing but white fence and no garden beyond. So, it was allowed to weather and now, after the first glance, one is hardly conscious of it. But to the dogs it's a different and sadder story.

Transforming a yard into a garden is a relatively inexpensive procedure. Ten dollars worth of planned buying coupled with energy, attention and patience will produce a garden that is a constant source of delight as well as of cut flowers all summer. The only drawback to a city garden is that it requires such stern self-control. With each successful plant experiment larger and rosier horticultural dreams take shape and during the winter you thumb through catalogue after catalogue wishing that you really did have a third of Central Park to play with.

City-proof plants for the amateur

VINES FROM SEED

Hyacinth-vine. Small delicate flowers like miniature Sweet-peas, slightly fragrant. White and mauve tones. Exquisite when planted with

Heavenly Blue Morning Glories, which have large pale indigo cups that are startlingly lovely. Most profuse bloomer.

Moonflower. Flowers open only at night with great waxy white wheels of bloom held far out from the rich dark green leaves. The most divine perfume, subtle and faint.

Gourds. Need curbing else they'll visit your neighbors' two gardens down the line. Great yellow squash-like flowers that become fascinating and oddly shaped fruits giddily striped. Grand in bowls in the house during the winter.

Cardinal-vine. Lacy foliage with small brilliant crimson flowers. These vines all grew to the top of our rather high fence and spilled over into the yards on either side and behind us. In fact the Gourds and Moonflower climbed up the Catalpa trees in the next yard.

PLANTS FROM SEED

Castor Bean. Achieves a very lush tropical effect. About five to six feet high. Massed at corners they make very effective backgrounds.

Petunia. Balcony type in purple, majenta and white; and Rosy Dawn.

Nicotiana. White and dusty-rose tones. Rank growers and should be staked. Fragrant only at night, but what a fragrance! About three feet in height.

Zinnia. A rich variety in mauve, white, and dusty-pink. These, like the Petunia and Nicotiana, thrive on constant picking. The more flowers cut for the house, the more appear for the garden.

Ipomoea hederacea. Classed as a ground cover but tries its best to climb to the sky. Small, light green leaves. Tiny pale blue flowers similar to Morning-glories. Simply massed with bloom all summer.

Stock; Cornflower; Painted Daisies; Drummond; Phlox, and Evening Primroses.

PLANTS FROM NURSERIES

Daisies; English and Shasta.

Flowering Almond; blooms profusely and very early in the spring.

Forsythia; sparse bloomer the first year.

French Marigolds; there's no holding them once they get started.

[Please turn to page 84]

Build this **FIREPLACE** *that* **Circulates Heat** . . .

. . . *that*

Will Not Smoke

The Heatilator Fireplace circulates heat to every corner of the room and to adjoining rooms. The Heatilator is a steel heating chamber hidden in the fireplace—a scientifically designed form for the masonry that insures SMOKELESS operation. Cold air is drawn from the floor into this heating chamber—warmed—then returned to the room.

In the spring and fall, the Heatilator cuts weeks off the furnace-firing season and dollars off the fuel bills. In mild climates and for summer homes and camps it is the only heating equipment required.

Any Style Fireplace

Any style fireplace can be built around a Heatilator. Being hidden in the fireplace, the Heatilator does not limit mantel design or the choice of materials. Complete from floor to chimney, it greatly simplifies construction—saves material and labor. NEW LOW PRICES make the cost of this truly modern fireplace but little more than ordinary construction.

There are thousands of Heatilator Fireplaces now in successful use in all parts of the country. Sold by leading building-supply and lumber dealers and stocked in principal cities for quick delivery. Write for complete details. State if building new fireplace or rebuilding old, if for home or camp. Heatilator Company, 424 E. Brighton Ave., Syracuse, N. Y.

Heatilator Fireplace

Living in an antique house

DOROTHY K. BRINTNALL

LIVING up to a house filled with antiques is both a privilege and a responsibility—a privilege because of the interesting by-paths that open up before one as he pursues this many-sided hobby, and a responsibility because of the claims imposed by memories of the past, claims that can be satisfied only by the most painstaking effort and devotion of these visible remains of an era simpler and perhaps more real than the one in which we live.

My house is completely antique from the swooping drop of its salt-box roof line to the Sandwich glass compotes in the corner cupboard. A low-ceilinged red-tiled hall runs straight through the middle of the house from front to back, at one end dropping off into the garden below, while at the other, stairs ascend to the quiet chambers above. Opening off on either side are the rooms of the main floor; generous wide-spaced living room crowded full of maple and pine and brass facing west, and toward the east, a dining room lighted with mirror sconces and running over with pewter and lustre and the thinnest of old-time porcelain. As I step about this house from cellar to garret, stopping to straighten a length of rag carpet here, to snip off a burned candle-wick there, or just to look and possess my soul for a moment with its charm and message of simple comfort, I seem to renew a pledge of loyalty to the past, a pledge laid upon me long ago by a well-remembered grandmother, who also loved these things which it is now my duty and joy to care for and serve.

That is why, in my house, many of the old-time customs and traditions of housewifely skill that tend to pass and be forgotten in the hurly-burly of modern living are preserved for sweet time's sake, even at the cost of much energy and labor. The lovely patina left by the years on the tavern table by the window needs more than the careless flick of the duster of the woman-by-the-day to preserve its dusky beauty. Butchers' wax and elbow grease are the successful formula here. And the labor of polishing and rubbing andirons is forgotten when the points of a dozen candle flames strike fire on them. Even the two-tined bone-handled forks on the table and the rat-tailed teaspoons beside them require more than red brick dust and water to restore them to their ancient shine. All these l loved objects to which I dev such a large share of my streng and leisure seem to give me a v special kind of reward. It is as they all joined hands with me the service of beauty and hou wifely art.

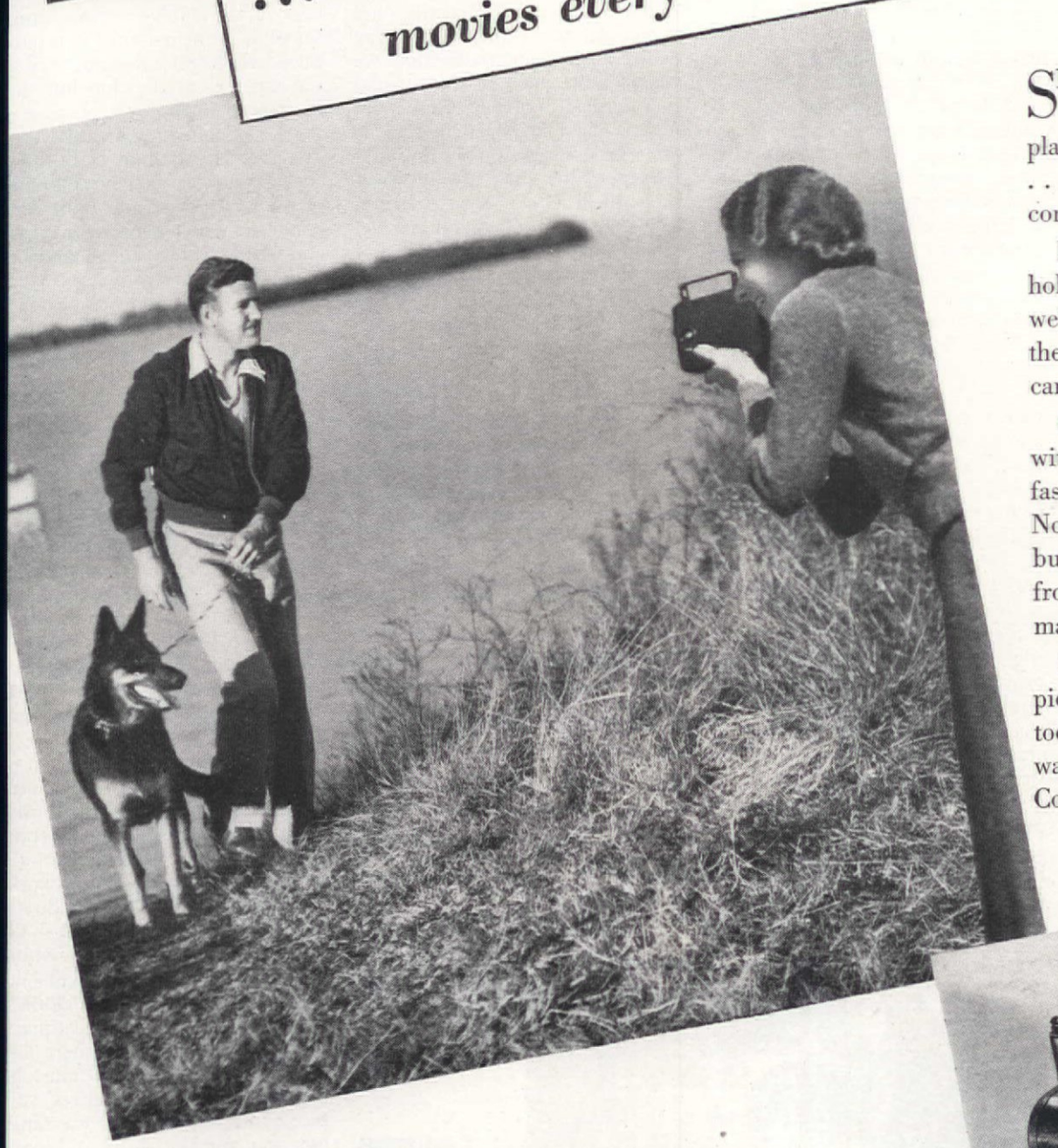
But perhaps it is when I go i my kitchen that I most complet recapture my sense of the pa Above me, ranged around t sides of the shining red and wh room stretch long rows of Penns vania slip-ware, yellow and brow Tin candle-moulds and Bennin ton jugs stoppered with corn-co tilt precariously on their narr perch. I have only to reach arm's length above and about r to whip up a Floating Island a deep-bellied blue bowl that n grandmother also loved, or grill a slice of country ham in frying-pan of brass, brave wi rings instead of a prosaic hand The little old yeast jug jostles Lancaster County pipe-box us now for recipes, and a loaf of sa rising bread lies ready to slice the table beside a wooden bowl white and purple grapes fresh rescued from the hungry blue-ja that perch on the vine by the do Cookies, cut and shaped and fla ored with old-time anise and ca

[*Please turn to page 8*

This Cheerful Crystal adds zest to Luncheons...and Dinners, too

She does her share to support the family

...but she can afford to make movies every week-end



SHE can't afford an expensive hobby—there are too many places where her money must go . . . too many necessities that come before pleasures.

But she has a most fascinating hobby—*home movies.* And it fits well within her budget, thanks to the development of a new type of camera and film.

Ciné-Kodak Eight lets people with modest incomes in on the fascinating sport of home movies. Now—exciting action records cost but a few cents a scene. And, from the first, they're as easy to make as snapshots.

See Ciné-Kodak Eight and the pictures it makes at your dealer's today. It's the camera you've been waiting for . . . Eastman Kodak Company, Rochester, N. Y.

A NEW-TYPE CAMERA...a special film...make home movies possible at the lowest cost ever. A twenty-five foot roll of Ciné-Kodak Eight Film runs as long on the screen as 100 feet of amateur standard home movie film. The Eight makes 20 to 30 movie "shots"—each as long as the average scene in the news reels—on a roll of film costing $2.25, *finished, ready to show.* Ciné-Kodak Eight is small, sturdy—costs but $34.50.

Ciné-Kodak Eight

. . . home movies at less than 10¢ a "shot"

The "20-year-ahead" home is "TRIPLE-INSULATED"

against Fire, Weather, Wear with Johns-Manville Building Materials

J-M ASBESTOS SHINGLES

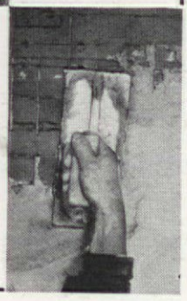
protect the entire outside of your house against *fire*. These beautiful shingles will not rot or wear out. Never require paint.

J-M ROCK WOOL HOME INSULATION

keeps your rooms up to 15° cooler in summer—warmer in winter and saves up to 30% on fuel. Fireproof.

J-M STEELTEX

reduces to an absolute minimum the possibilities of plaster cracking. Eliminates lath marks. Provides a fire-safe inner wall built on the principle of reinforced concrete.



THE truly well-built house of 1936 will still be "new" in 1956, because it will be "Triple-Insulated"—protected against FIRE, WEATHER and WEAR. This is made possible by the use of the latest Johns-Manville materials, developed through the vast research and engineering resources of the Johns-Manville organization.

If you are considering building, you will want to know all about the "Triple-Insulated" house, as described and pictured in the *free* J-M "40 Points" book, shown below.

FREE! Johns-Manville Book on Home Building

Johns-Manville, Dept. AH-4, 22 E. 40th St., New York, N. Y. Send me your free book, "40 Points You Should Consider in Building Your Home," with a section specially devoted to the "Triple-Insulated" house.

Name_____

Address_____

City State

All on a vacant lot

A co-op venture with happy results

PEARL HALEY PATRICK

IF YOU live in an apartment, do not own a motor car, and street car tokens are none too plentiful, what do you and your family do for outdoor recreation? Go to the park? Not a bad idea but getting the whole family there and back, not to mention the dog and the picnic baskets—is that such a restful prospect for the tired business man or woman?

Eight Kansas City apartment dwelling families have solved the problem by coöperatively developing a breathing place right across the street on a vacant lot. No trouble at all, now, to pick up dinner, when the dining room is stifling, and take it across the street where a big roomy table and benches are waiting. There is a large, well-built oven, too, a sandbox for the kiddies, a standard roque court, and a dart-baseball board. There are plenty of comfortable chairs and seats out there under the trees and even the hottest evening is bearable.

"Fine!" you say, "But what if there is no vacant lot?" Well, there almost always is, and owners are usually glad to give permission for this use of lots held for investment. It relieves them of the care of the lot and gives it a "lived in" air that does not hurt it in the eyes of a prospective buyer.

"But what if the lot is sold?" If it is your fun stops, of course, but if you have been discreet in improving the lot you will have had your money's worth, anyway, and chances are you can use the lot several years. The group about which this article is written has been using the lot three years with no prospect of losing it in sight.

This year the roque court, which had been made with only a wood curbing, was torn out and completely remodeled. The soil was dug out, a transit was used to bring the surface to a grade with just two inches fall for drainage. Good black dirt was leveled and rolled, wickets set in concrete blocks and sunk at the proper locations, and the surface sanded, rolled, and brushed smooth.

"The men had as much fun making the court as they do playing on it," the wife of a member said. "They did such a particular job of remodeling, and the rainy spring delayed them so much, that we began to wonder if they would ever finish it, but they didn't seem to care; in fact one man said he was sorry when it was finished! However, the care of the court keeps them rather busy. It has to be watered and rolled and brushed often and whenever leaves fall they must be removed, for even one leaf may deflect a ball."

"In the fall though, is when falling leaves keep us busy," spoke up one of the club who was escorting a few early fallen leaves over the curbing with a final swish of his big brush. "We play late in the fall, some evenings when it is frosty enough to have a bonfire to help keep us warm, then it takes two of us to keep the court clear of the flying leaves. One of our big trees died this year. We may cut that up and use it for bonfires. For the oven? No. We buy good wood, hickory if we can get it, for the oven. Our special kind of steak fry requires a great bed of glowing coals, and, boy! is that steak good!"

The average cost per member would not exceed fifty cents per month, the club agreed, although in some of the summer months, when improving was being done, it would exceed that. The club members do their own concrete wor and carpentry, installing of ligh fixtures, and even make their ow tools. The roller, so necessary i keeping the roque firm and smoot was made out of an old piece o sewer pipe filled with concret The brushes for sweeping the cou are homemade, too, as is the da baseball board, all the dart bas ball boards in fact, for there hav been three of them, one for eac year of the club's existence and fourth is in the making! It is har therefore, to get an estimate of a the expenses of the club but the have been kept down because o the personnel which includes thre associated in the lumber busines one with a meat-packing company one with a power and light com pany, one with a department stor one with a trade school, and on with a hardware company. Muc of the material used was obtaine at cost.

The roque court is lighted b four 800-watt bulbs and the res of the lot where needed. There is neat, hooded shelter for the dar baseball board, also lighted. Th game of pitching feathered dart a distance of twenty-five feet a targets corresponding to the base of a baseball diamond is especiall enjoyed because even a beginne has a chance. The targets ar ringed in three colors and plainly designated. One board is composed of two hundred blocks but the on this year is much simpler, being made of a sheet of five-ply venee instead.

Making things is one of the mos enjoyable phases of the projec and each member has some specia hobby. Paint plays an importan part in the upkeep. There ar many jars and brushes in the work shop corner in the basement. Some one must keep the roque ball bright in their colors of red, white blue, and black for sand cuts th color off quickly; wooden clothes pins, painted to match, must mark the wickets as the game progresses the dart baseball boards must b kept bright and the shelters' sur face protected; there is the sand box, too, and the chairs and seats

Wives of the members play roque and dart-baseball as enthu siastically as the men, if not such good games, "and they root fo us when we have the tournament," explained one. "That takes severa nights to play off and the winne gets the purse but it goes for a big feed so he gets the honor and th fun of giving the banquet and we all have the enjoyment together Of course we did not plan all this

The roque court was remodeled with a concrete curbing slanted in to discourage balls from wandering. A sandbox for the kiddies proved popular

Whether you are considering *Building or Remodeling* ou'll want all these latest ideas

at fun for the whole family . . . this cheerful extra room (above) what was the waste space of your basement! J-M Insulating ard Bevel Plank (random widths) for the walls . . . J-M Decorative iling Tiles and J-M Asphalt Tile for the floor . . . do the trick.

. . . And how proud you can be of the *outside* of your house when it's covered with J-M Cedargrain Asbestos Siding Shingles (right)! Have the texture of weathered wood. Fireproof—rotproof—wearproof. Never require painting. Eliminate repair bills forever.

Going to REMODEL? Then you'll want this FREE BOOK!

THE "101 BOOK" (left) tells you dozens of new ideas in words and pictures (many in color), for "fixing up" your home . . . how to make it lovely, modern, more enjoyable.

Thinking of BUILDING? Then this is the FREE BOOK you want!

The "40 Points" book (right) pictures and tells how to have the 1936 *quality* home. How to go about financing; latest and newest materials; services of architect and builder, etc.

TO help you *visualize* the many ways you can improve your home inexpensively, nothing compares with the "101 BOOK," above. Shows you, with pictures, how to turn your attic into an attractive guest room; make your kitchen modern, gleaming with "tile-like" asbestos wainscoting; insulate your rooms against hot and cold weather; and dozens more of the latest ideas on home improvement.

And, if you are considering building, there is the "40 POINTS" BOOK.

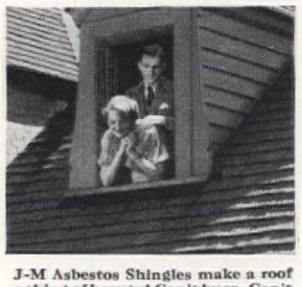
Here, for the first time in one book, you will find the many things you need to know to get the best possible home for your money. Tells how to go about financing; gives information on room arrangements; tells what methods and materials are the newest and best; explains what to expect of architect and builder, etc. *Most vital of all*, it explains the "TRIPLE-INSULATED" house, one of the most significant *new* principles in home construction. It tells how the best built *quality* home is now protected—against FIRE, WEATHER and WEAR, by using the latest materials developed by J-M scientists.

Whichever book you want, don't delay—send for it today!

Johns-Manville

Building Materials

J-M Rock Wool, in "bats" for new construction or blown into walls of present homes, keeps rooms cool all summer—reduces winter fuel bills.



J-M Asbestos Shingles make a roof a thing of beauty! Can't burn. Can't rot. Won't wear out! Can be applied right over old shingles.

Send for either book—FREE!

Johns-Manville, AH-4, 22 East 40th Street, N. Y. C. I am planning to remodel my home. Send me the "101 Book," FREE ☐. I am considering building. Send me a free copy of the "40 Points" book ☐. I am especially interested in Home Insulation ☐; Insulating Board for extra rooms ☐; an Asbestos Shingle roof ☐; Cedargrain Asbestos Siding Shingles ☐.

Name_____

Address_____

Now in effect

SPECIAL SUNDAY RATES

for Long Distance telephone calls

AND

REDUCED PERSON-TO-PERSON RATES

after 7 every evening

The Bell System now extends to all day Sunday the same reduced rates which have been in effect on long distance station-to-station calls after 7 p.m. each evening. The reductions apply to most calls on which the day rate for three minutes is more than 35 cents, and range from about 10 per cent on some of the shorter calls to 40 per cent or more on distant calls.

The Bell System also now offers reduced rates on person-to-person calls every night after 7 p.m. and all day Sunday. They apply, in general, on long distance calls on which the day station-to-station rate is more than 35 cents. The discount on most person-to-person calls is the same in money as on station-to-station calls between the same places.

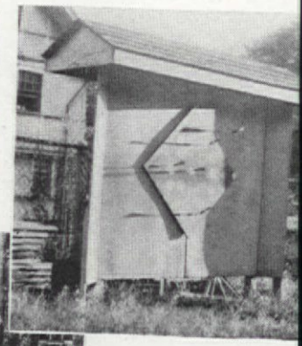
In both social and business affairs, these new Sunday and night rates offer you a broader service at a lower cost. They widen your telephone's usefulness.

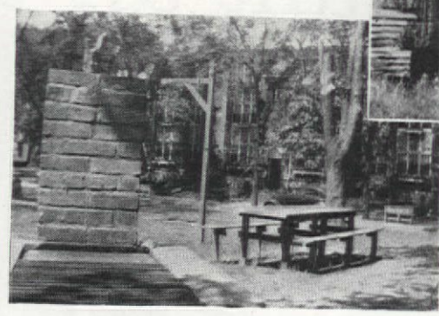
TYPICAL THREE-MINUTE RATES

FROM	Station-to-Station			Person-to-Person		
	Day Rate	Sunday and Night Rate	Reduction	Day Rate	Sunday and Night Rate	Reduction
New York to Philadelphia	$ .50	$ .35	$ .15	$ .75	$ .60	$ .15
Pittsburgh to Cleveland	.70	.40	.30	1.00	.70	.30
St. Louis to Chicago	1.25	.75	.50	1.65	1.15	.50
Detroit to Boston	2.55	1.40	1.15	3.25	2.10	1.15
Washington, D.C., to Kansas City	3.50	1.90	1.60	4.50	2.90	1.60
Miami to Boston	4.50	2.50	2.00	5.75	3.75	2.00
Denver to New York	6.00	3.50	2.50	7.50	5.00	2.50
Washington, D.C., to San Francisco	8.50	5.00	3.50	10.75	7.25	3.50

BELL TELEPHONE SYSTEM

out in advance; rather it has developed. It started when one of our members (before we had a club, of course) retired and became so tired of doing nothing that he built the first roque court on the vacant lot back of his house



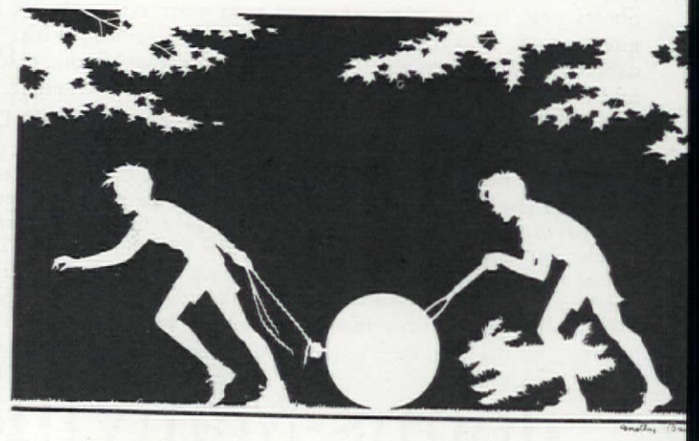


There is a subst
oven, also a tabl
benches. The dar
ball board has a
hooded shelte

which is just across the street from the rest of us. None of us even knew what roque was, then; we didn't know it from croquet; but he invited us over to play and we became interested. It was so pleasant out there under the stars that we took chairs along and our families went, too. Soon someone suggested a picnic and that called for a table and that suggested cooking outdoors and of course that led to the oven. The kiddies had to be kept off the roque court so we built a big sandbox for them. Some of us use the lot every pleasant evening and by common consent we have a get-together dinner every Saturday night. We hope to beautify the place next year; so far we have used it so hard and have had such fun we did not think much about beautifying it but the womenfolks are getting ideas now. We already have some plants and shrubs and think we can do a lot, especially with the west end beyond the roque court. It is ragged, now. People have worn a wide, bare path across the corner and it needs sodding. We mean to change all that; maybe vines on the line fence, too. One task sug another, that way. Yes, every is owned in common but the r mallets. They are rather har get, vary greatly in price players differ greatly in preferences so each one gets own mallet. We have foun Kansas City man who makes cellent hand-made ones."

"Yes, we almost live on the through the warm evenings," other member said. "We eat t and play there and rest there yes, entertain there! Our chil bring little friends to the sand we invite our friends for ga and sometimes entertain cla or clubs with which some o are affiliated.

"Even if we all lived in ho with ordinary sized yards I th a coöperative pleasure ground this would be enjoyed because ordinary back yard has room all this equipment and a grou families can do a lot of interes things that a family alone perh could not. Besides, we enjoy w ing and playing together."



Lady

OOK AT YOUR

INDOW SHADES!

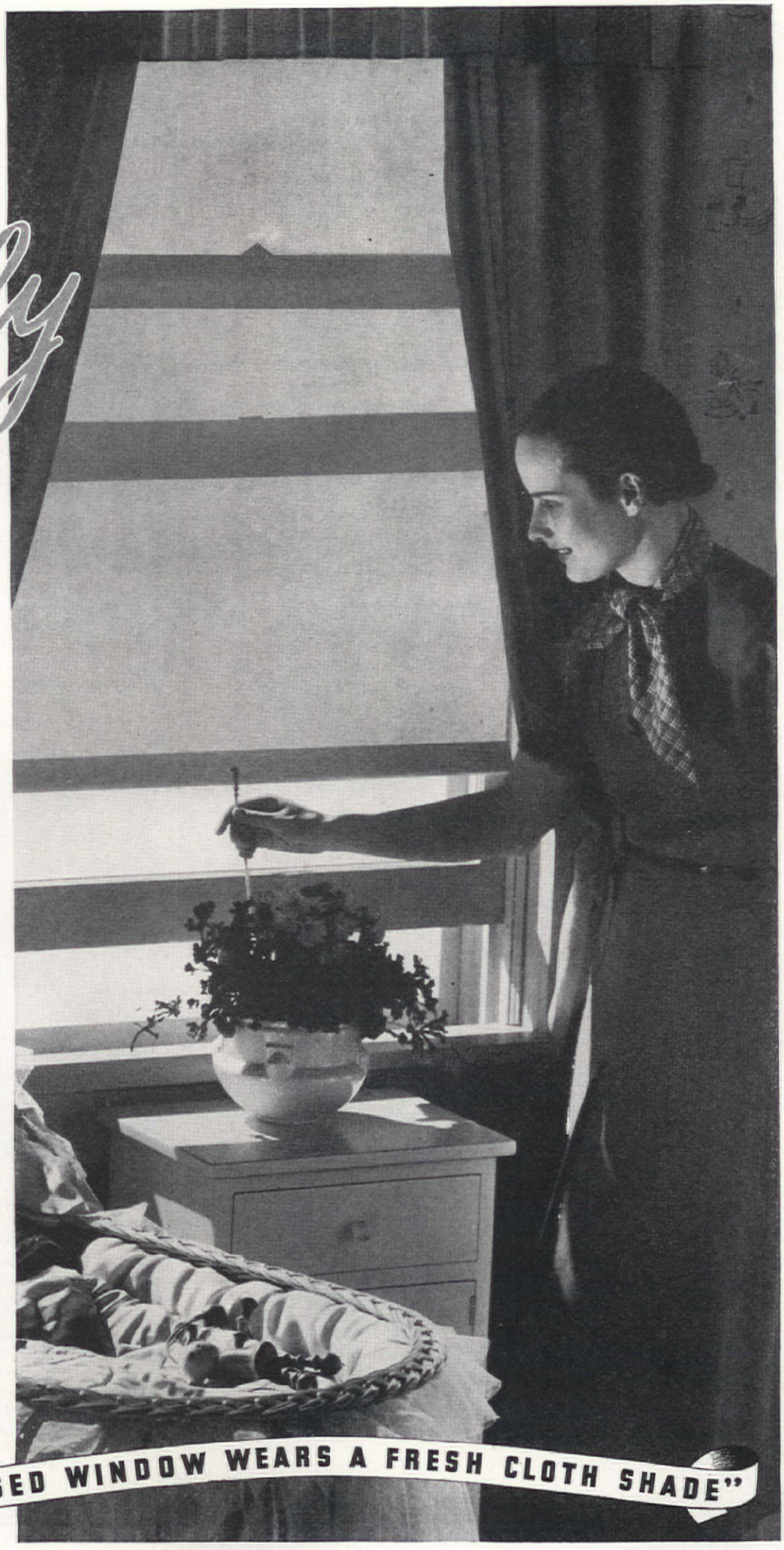
E THEY A LITTLE DRAB AND
RTY-FACED THIS MORNING?

RE THEY JUST "TEMPORARY"
ADES THAT "COULDN'T TAKE IT"?

E THEY ALL OUT OF KEY WITH
UR CLEAN WALLS AND DRAPES?

HY NOT, right now, glance up from ese words and look at your window ades? Windows are the "eyes" of ur house, and clean cloth shades are e pretty eyelids, softening the sun-ht. Now... when you're hanging fresh rtains, think of fresh shades. Woven-th★ window shades are much more isfactory than substitutes . . . last veral seasons instead of several nths . . . and are built substantially silent, obedient spring-rollers. The th kind come in so many pretty lor-tones that you can use window ades, as the decorators do, to mplete the curtain and drapery semble. At big stores or small shops, herever you inquire for them, men-on that you want a good woven-cloth ade. That's your money's worth at very window. This advertisement onsored by The Window Shade Insti-te, 500 Fifth Avenue, New York, N.Y.

Genuine cloth shades are woven on a loom, processed d colored to make them soft in tone and longer lasting.



"THE WELL-DRESSED WINDOW WEARS A FRESH CLOTH SHADE"

In this home dwells comfort

Home of Ralph J. Ramer, Anderson, South Carolina. Architect: Henry I. Gaines, Asheville, N. C. Iron Fireman installation by Sullivan Hardware Co., Anderson, S. C.

IRON FIREMAN
provides luxurious automatic coal heat at low cost

Ralph J. Ramer, Secretary Coca-Cola Bottling Co., Anderson, S. C.

If you were to visit Ralph J. Ramer's lovely home at Anderson, S.C., one of the things you would see and hear about is his Iron Fireman automatic coal burner.

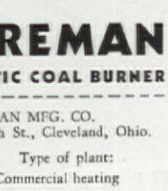
Mr. Ramer first discovered the advantages of Iron Fireman firing in his business. Performance was so efficient and economical that he decided to have Iron Fireman heating in his home. This change has paid Mr. Ramer well. Not only has Iron Fireman supplied an abundance of mellow warmth, but it has actually saved 65c of every dollar formerly spent for fuel.

"My fuel bill with Iron Fireman is only about one-third the amount required for oil," says Mr. Ramer. "Iron Fireman has been perfectly satisfactory as to steam pressure, cleanliness, and economy."

Ideal Home Heating

Mr. Ramer's experience is typical. In thousands of homes, large and small, Iron Fireman has proved a double blessing through its ability to furnish luxurious self-regulating heat at worth-while savings over other forms of firing.

Why don't you put Iron Fireman firing in your residence or business heating plant? It can be quickly installed in practically any solid fuel furnace or boiler. Prices are the lowest in Iron Fireman history. Purchase can be made on easy monthly payments or on an F.H.A. loan. Phone your dealer for free firing survey, or write for literature. Iron Fireman Mfg. Co., Portland, Oregon; Cleveland; Toronto. Dealers everywhere.



Models for homes and for commercial boilers up to 500 b.h.p

IRON FIREMAN
AUTOMATIC COAL BURNER

IRON FIREMAN MFG. CO.
3281 W. 106th St., Cleveland, Ohio.

Type of plant:

☐ Send literature ☐ Commercial heating
☐ Make firing survey ☐ Power ☐ Residential

Name.....

Address.....

Take one barn to a hilltop ~and live

LORETTA MONTÉ

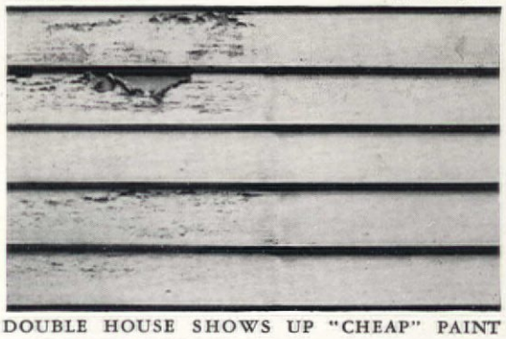
With the children and our dinner in the car, one evening in mid-October, we chugged up a long hill and around a generous curve in the very depths of the country some eighteen miles from Utica. Not even a crossroad sign enlightened us, but we had friends who lived during the summer in that prim white house facing that trim white church which might have been lifted bodily from any nice New England village. This was Russia, an almost lost track of little settlement of old settlers, who clung firmly, if futilely, to this stony country. The friends had gone back to town, but we were going to have our "last" picnic supper on their hospitable grounds; the children could have a good romp and then home and to bed. That was really all we had planned. We had the picnic; the children had their romp; we had a walk. Down through the apple orchard we walked, farther than we had ever penetrated that property before. The air was still warm with that spicy, exciting tang of autumn as we came to the end of the little orchard. We looked ahead—we looked and looked and slowly and almost in fear that what we saw should disappear, we looked at last at one another. Here was our Hill-top! To be sure, it supported no house. The hill rose before us untouched and primeval as it had been left centuries ago when the glaciers moved their landscaping way across this part of New York. There was no hesitation in hearts or minds as we stood there—we'd found our Hill-top. Here we would build our home—a home serenely overlooking miles and miles of straight, tall trees, of meandering, hurrying little streams, of funny, twisty dirt roads. And, as an "extra special" inducement for us to sign on this wavering line, that most spectacular realtor, Nature, threw in a geological tidbit, for over there to the left sprawled a great green mound—we'd have a drumlin for a neighbor, a drumlin in our own front yard!

We went back to gather up the picnic baskets and the children and our feet never seemed to touch the dying grass in the orchard and we didn't speak till we came out from the shadows of the trees and again we had a revelation! Now it is not often given to an artist and his wife to have two revelations in one fall evening: one a Hill-top made by God and the glaciers; the other a barn made by some long-forgotten farmer who knew only that he must build strong and well! At the right side of the white house—almost on the lap of the side porch stood a barn. Not a tremendous barn, but a little barn makes a big house, you know. We didn't
but we forgot the children e
and walked into that old b
stead. We paced off the hay
it was thirty-six feet by t
four feet. I looked up in
darkness of the rafters and a
low banked its way out th
the open door. Standing th
the softly padding dusk w
out our house. It may sound
unbelievable, but as we plan
that autumn evening, our
stands today.

We got home somehow,
how the children were put t
and then we telephoned t
friends of the white house. T
think we were insane—a ten o
call: "May we buy your
please? We'd like to live i
Well, we called anyway.
couldn't quite see what tw
people wanted with their R
barn, but they planned to p
down in the spring, it seeme
it spoiled their view. But, m
we'd better change our boot
(remember, we used to have
Anyway we could talk it all
Three days later we owned th
serted barn. Two days late
we owned seven and a half
of Hill-top and land, which i
friendly surveying began "
the neighbor's orchard en
Well, we had our Hill-top, a
had our barn, but there wer
yards between the two! But
men who farm this rugged,
country are sturdy and resou
—they *have* to be—and w
ourselves already taking on
protective motivation. Why
we get a "specialist" from
city? Do you remember that
balance we had? So, we de
what we needed was "native"
ent, with simple, practical
and ready hands to carry
our instructions. We foun

[Please turn to pa

"Cheap" Paint Side — Dutch Boy Side



DOUBLE HOUSE SHOWS UP "CHEAP" PAINT

Here's what happened when the owner of one side of a double house used "cheap" paint and the owner of the other, Dutch Boy. Both jobs are two years old. The "cheap" paint job cost $16 less in the beginning. Now this owner must pay out $160 — for burning off scaling paint, applying new priming coat, and repainting.

SENTIMENTAL? Yes, but practical, too. There's a dollars-and-cents reason for avoiding "cheap" paint.

Note the actual photograph at the right. Read the wording below it. See, first, a typical example of how "cheap" paint quickly cracks and scales, spoiling the looks of your home and giving the weather a chance to attack the bare wood.

The effect on your pocket-book is just as bad. You must (1) repaint long before you planned—(2) pay the extra expense of burning and scraping off the "cheap" paint and (3) pay the cost of one additional coat—a new priming coat—as part of the repainting.

Now look at the Dutch Boy example, also typical. No cracking and scaling there. Dutch Boy, instead, wears down stubbornly by gradual chalking. You repaint right over it because its surface remains smooth and unbroken. No burning and scraping, no new priming coat. And no repainting either until long after "cheap" paint would have gone to pieces.

The experienced painter recommends Dutch Boy White-Lead. Its durability always backs up his reputation. Furthermore, he can mix it to suit the requirements of your particular job and tint it to the exact color you specify. No one knows paint like a painter.

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If lack of ready cash prevents you from painting, take advantage of a National Housing Act loan. Monthly payments are surprisingly small. Send the coupon at right. It brings you complete information and a copy of our illustrated booklet, "The House We Live In", which tells how to modernize with paint and what to look for when buying a paint job. Address Department 237, in care of the nearest branch listed below.

Dutch Boy White Lead

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111 Broadway, New York; 116 Oak St., Buffalo; 900 W. 18th St., Chicago; 659 Freeman Ave., Cincinnati; 820 W. Superior Ave., Cleveland; 722 Chestnut St., St. Louis; 2240 24th St., San Francisco; National-Boston Lead Co., 800 Albany St., Boston; National Lead & Oil Co. of Penna., 316 Fourth Ave., Pittsburgh; John T. Lewis & Bros. Co., Widener Bldg., Philadelphia.

NATIONAL LEAD COMPANY
Department 237
(See list of branches above)

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*City*_____ *State*_____

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Now Cook in Glass *on open Flame!*

Note the removable handle

From the stove to the table

Extra Heat-Resistant "Pyrex" *Top-of-Stove* Ware Now Ready...

YOU HAVE WISHED for it a thousand times! A Pyrex Saucepan that you could use right on the open flame! . . . Just as safely as you now bake in the oven with Pyrex Ovenware.

Potatoes, tomatoes and other vegetables . . . eggs, stews, cereals, fruits . . . haven't you dreamed of cooking them all right on top of your stove—in clear, lovely glass? Even soups, gravies, creamed dishes? And without transferring to another dish for serving?

Well, now that dream has come true.

Corning Glass Works, makers of Pyrex Ovenware, have solved this problem that has baffled glass workers for many years—*glass* cooking utensils *that will stand the heat of open flame!*

This new Pyrex *Top-of-Stove* Ware is entirely different from Pyrex Ovenware. It weighs much less, yet is far more resistant to heat! Every piece is guaranteed.

A small flame pressed in the bottom of each dish identifies the new ware. Look for it when you buy Pyrex Brand *Top-of-Stove* Ware.

The saucepan comes in 2 sizes, each dish equipped with its own removable handle—the quart size, 95¢—the 1½-quart size, $1.25. The prices are so low, you'll want several.

A joy to cook with—get yours now!

Go and see these new Pyrex *Top-of-Stove* Saucepans. They are on sale everywhere—at hardware, housewares and department stores. Women are all excited about this utterly unheard-of glass saucepan! They are buying them as fast as they can—for themselves and for their friends! Entirely new—attractive—convenient—they are simply a joy to have and to use.

Only "Pyrex" *Top-of-Stove* Ware brings you all these advantages!

New Glass Saucepan goes straight to the table from the top of the stove.

Removable Handle—On, in the kitchen—off, at the table. In a jiffy you attach or remove it.

Non-Porous—The hard, smooth surface does not become discolored—or absorb food odors. Resistant to fruit, vegetable and meat juices, or acids!

Saves Cooking Space on Range—The removable handle gives far more room—enables you to utilize all cooking space without a confusion of handles.

Saves Dishwashing—Leftovers go right to the refrigerator in the same *Glass* dish in which you cooked and served the food.

See How Food is Cooking—in clear, transparent glass. *See* when the dish is clean; no guesswork. Know it is spotless and sparkling.

Better Food—Food not only *looks* better, but *tastes* better, stays hot longer and *keeps* its flavor better when stored in *Glass*.

Always Looks New—and its clear, sparkling beauty endures for lifetime service.

Guaranteed—Pyrex *Top-of-Stove* Ware is guaranteed for one year, from date of purchase, in accordance with terms of guarantee shown on reverse side of label attached to each dish.

NEW PYREX *TOP-OF-STOVE WARE*

Trade-Mark Reg. U. S. Pat. Off.

Trade-Mark

ke one barn on a ltop—and live

ntinued from page 72]

mer whose native taciturnity shrewdness kept him silent but uisitive. And this man, his son one horse took that barn off undred years old stone founda- and moved it to the Hill-top feet away. I can't explain ugh I stood there watching till teeth clattered like castanets my feet almost took root in crusty, autumnal soil. There a huge, round affair called a dlass, I know, and a rope and two men and a horse and way ind them all was the barn on rollers. It took just about two s to set the barn down exactly re we wanted it with the barn r looking in yawning surprise he very first drumlin it had seen. So we drew the plans selves — we knew what we ted—an enormous living room n an enormous fireplace, that first of all. That was easy. And ving room 24 x 24 feet was laid The barn door would make a geous window facing the view two counties by day and the kering lights of Utica, eighteen es away, by night. And here the fireplace, twenty-two feet tone right up to the huge old ers—broad as railroad ties. side the door was fireplace ma- al in truth for the land around duced one crop in plentitude— nes—round or ragged, little or Naturally, a kitchen was indi- d for, while man does not live bread alone, our family as a le sported a very real respect three squares and incidental cks each and every day. So at south end of the living room, placed the kitchen. The trig- s of which is my pride not to ntion my comfort. The other e of the barn, balancing the hen area faces the north. That th light beloved of artists in rbizon or Russia must of course

bless the studio. Up stairs over the kitchen and studio and of the same size were two bedrooms with the bath between. A rather nice staircase, which juts only a very little into the living room leads to these rooms—our only "upstairs." When it came to windows, we went slightly mad. Our methods wouldn't appeal to the most un-orthodox carpenter. We wanted a lot of light, scads of it, as much as we could get in and still have walls to hold up the house. I've mentioned the barn door window, and I'll mention it again later. For the rest we simply marked on the barn walls with white chalk the size and location of the windows for our carpenter and eventually the windows were there!

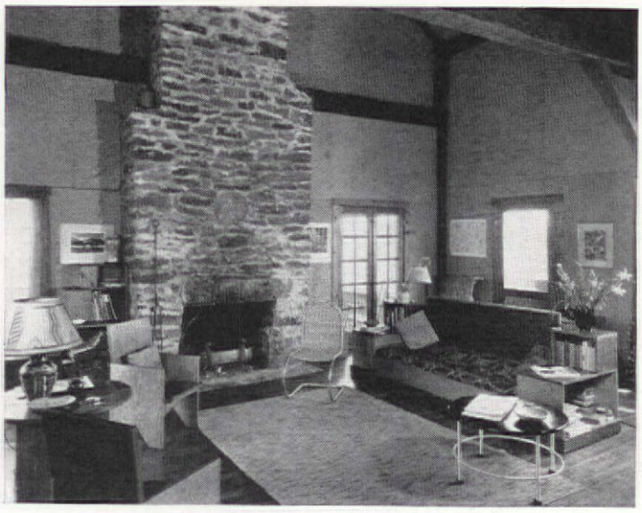
All winter our farmer-carpenter worked on the Barn; all winter we went to Russia on every possible occasion and on some which our skeptical friends thought impossible. Snow can and does pile up in Russia, and six feet of it can make motoring something much less than an undiluted joy. But, literally nothing stopped us. Each week we saw the Barn grow. We could tell you even now where every nail is driven. We know that it was two o'clock on Saturday November 12th when the soft gray shingles which were to cover the outside, were delivered; that two weeks and four days later the floors were laid. That it was February when the pipes and bowls and sinks and tubs were in and early in March when beaverboard covered the weather stained walls inside leaving only the rafters bare and untouched. Finally, when the very first crocus pushed through the now conquered snow, we watched the red wooden blinds hung, and with a jumbled feeling of humility and pride, we saw that our work was good!

Then, we looked at our bank book. That was *not* good. But, the Barn had to be furnished. The mahogany dining room set back in town; all the other things we had started with and added to just wouldn't "do" in the Barn. We had an entirely new sort of house to live in and it needed its own kind of furniture, not city, upholstered stuff which would "high hat" the rafters and the stone fireplace. Again, the banished and odd pieces which fester the conventional summer camp—creaking wicker and discarded Grand Rapids Ornate—were unthinkable here even if they could be "picked up cheaply." We wouldn't have them.

For years, we had been apostles of the Moderns. We were steeped in their gospel of presenting today's work in terms of the living of today. So, the artist in the family took out his pencil and drew our furniture for the Barn. The furniture designed must live well, and comfortably and in harmony with the rugged and lofty style of the Barn. It must be as simple as the life we hoped to live on our Hilltop and, of course, it must be easy to care for and capable of standing a lot of use. Then the sketches were finished, they were turned over to an Italian cabinetmaker who had learned his art in a far-off country and a far-off day.

Homely woods, decorated only with their own nice grain. Good line, free of tortured carvings.

[Please turn to page 86]



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Swans

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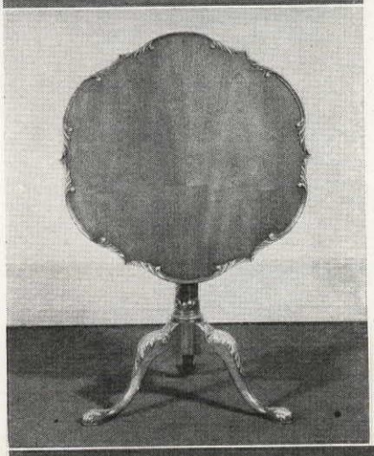

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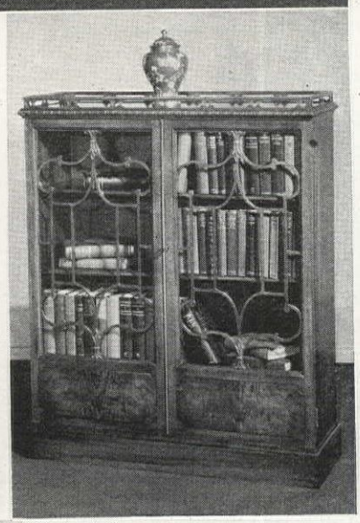

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Something CAN *be done about it*

CHARLES CORWIN WHITE

If you ever had a rose with a blight on its leaves, or beans with beetles, or a peach tree with curling-up leaves, or even a house plant with tiny green mites—read this article!

Two kinds of plant troubles to be considered—Insects and Disease. Insects damage by eating the plant, or by sucking the juices, or as carriers of disease. Diseases are chiefly morbid growths upon or within the plant-body which deform, sap the energies of, or tend to kill the plants by secreting toxic substances. Except for the fungous diseases, methods of treating diseases directly are not at present very successful. Thus our main efforts are in control of the insects. Prevention is still worth much more than cure.

Resistant strains of some plants are available. Get them if possible. Plants that have been subjected to the conditions of your neighborhood should be better adapted to the environment than plants from other sources.

Get clean plants. Consider any abnormal plant as diseased or infected and do not accept it. Roots should be fibrous and firm, not thickened or knotty.

Cultivate the soil. If done deeply in the fall, you kill many insects which are preparing to hibernate. If done during the life of the crop, you will disturb the insects present at that time; and you will be aerating the roots and otherwise helping the plant to grow.

Fertilize and otherwise assist the plant. A strong plant resists enemies.

Rotate the crop. When you plant the same thing repeatedly, pests get established in that locality. Since many pests attack only one species or one class of growing stuff, rotation of the crop destroys by the simple means of removing the sustenance.

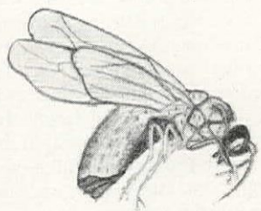
Be neat. Destroy rubbish, remove old boards, and burn weed borders; clear up stubble and accumulation along fence-rows. And particularly, destroy crop remains after the harvest. This last is imperative if the crop was affected by a pest during the growing season. The best method of destruction is, of course, burning.

Don't wound plants unnecessarily. Remember that plants are living organisms and respond to treatment much as we do. In the case of wounds, the similarity is striking. The surface of a plant is an effective safeguard. Break the surface or skin, and infection may and frequently does, occur.

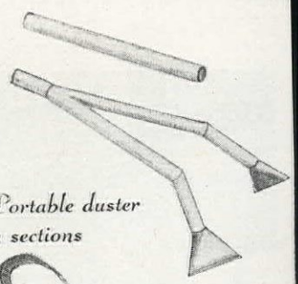
Space your plants properly. Plants which have plenty of air and sunlight are much more resistant to disease and infection than overcrowded ones.

Insecticides work on several principles and are applied both as preventives and as cures. They are stomach poisons, which the insect eats to his ruin. There are contact poisons, which suffocate

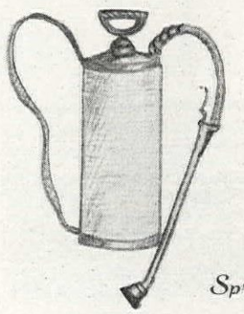
[*Please turn to page 7*



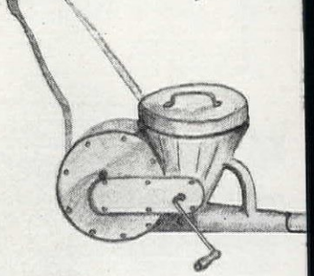
Sketches by the author



Portable duster in sections



Sprayer



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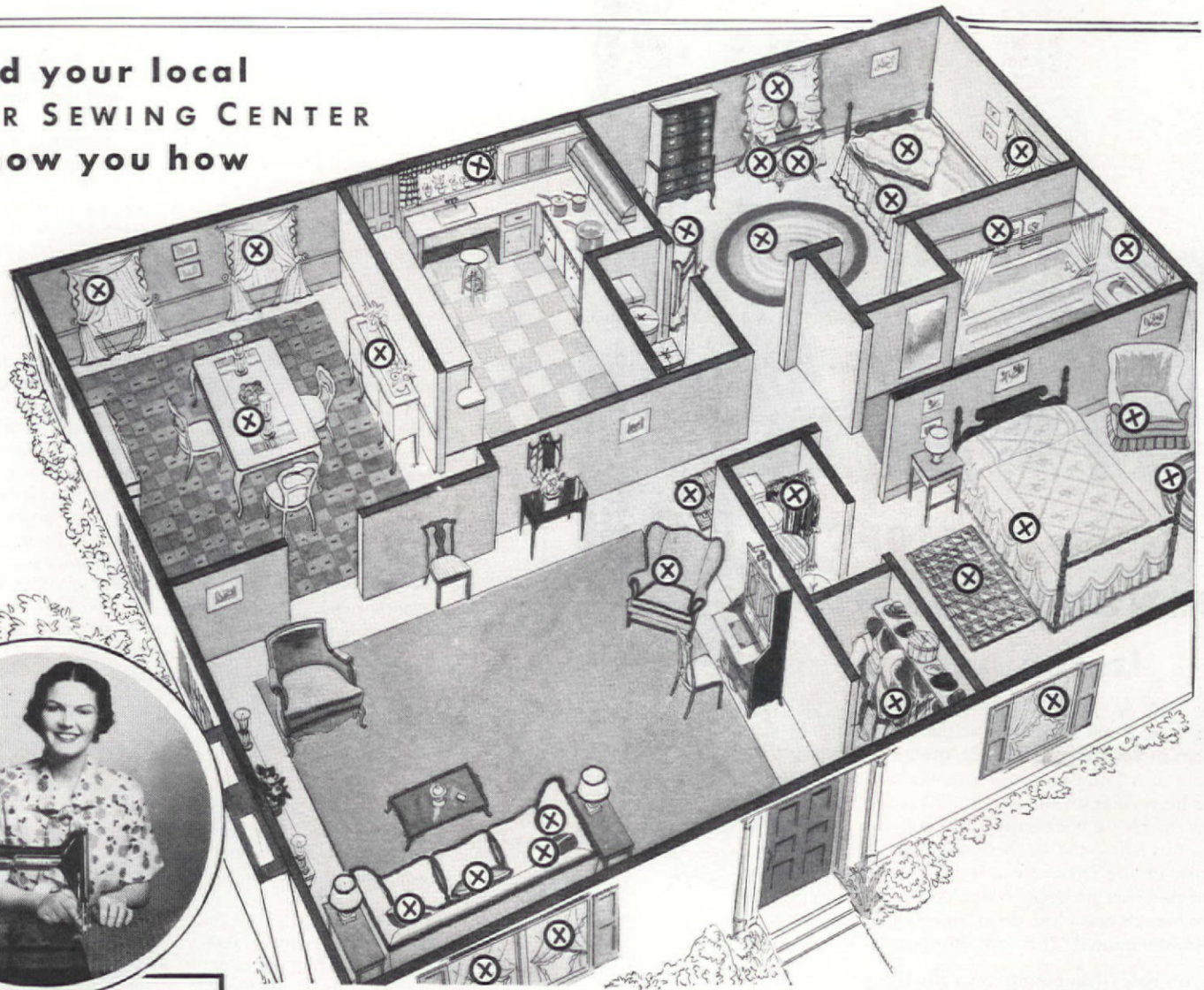

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Something can be done about it

[*Continued from page 74*]

paralyze him or corrode his tissues when he touches them. There are repellants, which discourage or drive him away. Or there may be a combination. Sometimes they act as a trap, as bands of sticky substance around the tree trunks.

Insects are easily divided into two classes: those which bite and eat the plant or leaves, and those which insert a proboscis and suck out the juices. The first kind can usually be controlled by the stomach poisons. The second class ordinarily reaches through the stomach poison to the juice within the plant and so is unharmed. Contact poisons or repellants are therefore indicated. An inspection of your troubles will show you which class of insect is doing the damage, and you will thus be able to prescribe the insecticide to use.

Fungicides—that is, chemicals for the treatment of fungous diseases—unlike insecticides, which may be applied after the insect is on the job, must be applied first.

Spraying and dusting are two methods of applying both insecticides and fungicides. The names are quite descriptive. Spraying is the application of the materials in a liquid form, and is done at pressures ranging from a few pounds up to five hundred pounds. Dusting is the application of the materials in powder form, which may be done without high pressures.

Practically all dusts are best applied when the plants are wet, either with dew or after a rain. Sprays cannot be applied effectively at such times.

Sprayers and dusters are of many types. Some popular ones are pictured here. They are either carried in the hands or slung over one's shoulders by means of straps. Application is made either by pumping with a handle or by turning a crank. A slightly larger type is built like a wheel-barrow, and is intended to be operated by two persons: one pumps while the other directs the flow of material.

There are a thousand preparations on the market; many of them combine several offices, many of them are excellent, some make extravagant claims, all are offered under trade names. Here will be named only the principal active ingredients which are used in these preparations together with the effects. Thus, when you buy a preparation, you will know what ingredients you want, and what you are getting.

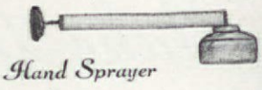
The standard poisons used for all classes of trouble are arsenicals, lime, copper, sulfur, and nicotine. Sometimes they are used singly; more frequently they are in combinations. For the biting and eating insects, arsenate of lead is the standard. For dusting, arsenate of lead combined with hydrated lime or sulfur dust as carriers is used.

For the sucking insects, nicotine sulfate or nicotine dusts (nicotine sulfate and lime) are the common. For "dormant" or off-season spraying of fruit trees, concentrated lime-sulfur is used. Pyrethrum extract and rotonon are becoming very popular as not poisonous to ordinary animal life.

For fungous diseases, some form of copper or sulfur is used. In general the copper sprays are more powerful; but they burn certain tender plants, and then the sulfurs are used. Among the dusts, the colloidal sulfur is the most effective and it sticks to the foliage best.

One word about fungicides: fungous disease takes hold when there is moisture, for moisture is necessary to the germination of the spores. Therefore a rain brings about the increase of fungous disorders. Thus fungicides must be applied *before* a rain and *not* after.

Hand duster



Hand Sprayer

Knapsack sprayer

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me.....
dress.....
y.....State.....

Mr. Godey's lady editor
Sarah Josepha Hale

[Continued from page 60]

we know, the last Thursday of each November that is officially set by the president each year. For this we owe another debt of gratitude to Mrs. Hale.

Mrs. Hale wrote her last editorial for Godey's Lady's Book in 1877. This editorial was a benediction. She told the women that fifty years had wrought many changes and that there was no limit to the things that were open to them. She was content with life as it was and she was happy. She was ninety years old but her mind and spirit were keen as ever. She died sixteen months later as gallantly as she had lived, without pain and with a smile.

Mr. Godey sold his Lady's Book in 1877 a few months before he died. The new owners published it for twenty years in New York but with Mrs. Hale and Mr. Godey gone the magazine lost its appeal.

To those who are fortunate enough to own bound copies of the Godey's Lady's Book we suggest that you read them through carefully. The writing may be stilted and the bright-colored prints may decorate lamp shades and scrap baskets but there is a whole panorama of life that was necessary to this country's development. It represents the best part of one woman's life and it was well spent. Many things that we accept today without thought were made possible by Mr. Godey's pioneering lady editor, Sarah Josepha Hale.

* * *

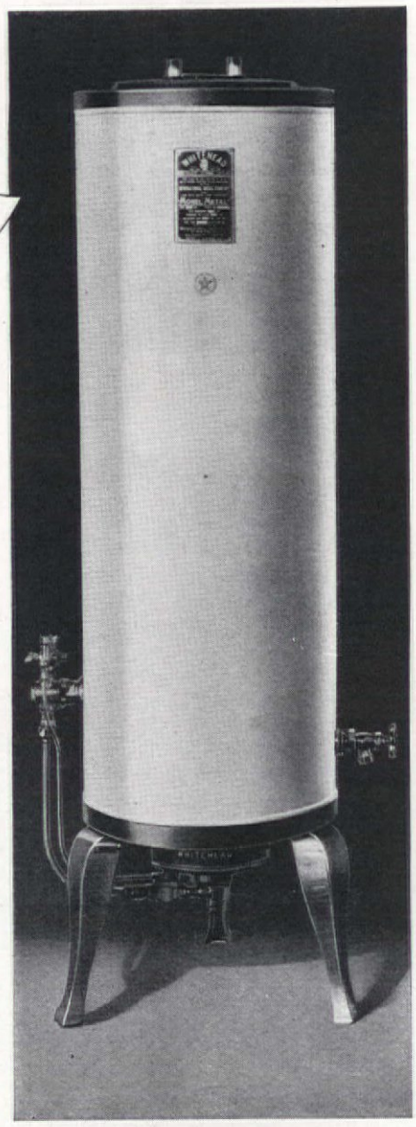
Straight, Form-Fitting Candles

Now that candles and candlesticks play a part in the decoration of the home, it is essential that the candles be straight and clean looking. I had considerable trouble before I hit upon the plan of dipping the end of each candle in boiling water until soft and then quickly fitting into the candlestick. It is much more satisfactory than using a match as I used to do and avoids that smoky appearance around the base of the candle. MRS. LESLIE D. ATWOOD, Spencer, Massachusetts.

To String Beads

In stringing beads, the gap between the last bead and the clasp can be overcome by dipping the end of the string into warm water to shrink the thread to its proper length. Do not immerse the whole necklace or it will be too short. MRS. INEZ HIGGINS, Little Rock, Ark.

Why get "HOT AND BOTHERED"
ABOUT HOT WATER COSTS?



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THE Monel Metal tank in the Whitehead* Water Heater is guaranteed for 20 years. It assures an endless supply of hot water. A clean supply, too. And at a reasonable price.

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225 Fifth Avenue, New York

Please send me your "Book of Blinds" and the name of my nearest dealer.

AH-3

Name .....

Address .....

City ..... *State* .....

A two-timing room

[*Continued from page 25*]

shelves are balanced by the Venetian blinds on the two walls not shown in this sketch. The color of the inlaid carpet, of deep blue and silver gray, with touches of scarlet, is repeated in the color of the upholstery. We have chosen natural birch, bleached, stained gray and then waxed for frames and cabinet work. The ceiling and the balance of the two book-shelf walls are papered in lustrous silver. This ceiling treatment makes a splendid reflecting surface for the indirect lights and gives good diffused light so necessary in a study. The window walls are the deep blue of the floor with Venetian blinds painted silver and taped in blue.

We have provided a large, sturdy desk with plenty of drawer space and a typewriter compartment. Beside the desk is a strong desk chair of chrome finished metal upholstered in red leather. Opposite the desk, completing the group is a large, comfortable armchair with an accompanying arm-height table, also of chrome and leather.

The studio couch next the book-shelves is of simple design and upholstered in blue and red. The lower section is raised by a lever and can be pulled out to make a comfortable double bed; the fact that it slides under the book-shelves eliminates the necessity of having a wide, clumsy expanse of couch top. Behind the upholstered back of the studio couch is storage space for blankets and bed-clothes. Under the bookcases on one side is space for a radio and a magazine rack; under the other there are compartments for the storage of various papers and etchings. These are large enough to accommodate extra luggage and other belongings of a guest.

The coffee table has enclosed in its center compartment an electric grill which can be attached to an outlet on the book-shelf wall. How pleasant to be able to brew a cup of tea so conveniently! Next the bed is a practical pull-out night-table.

This room is designed as a real study for the man—comfortable, rugged, rich in tone and yet resilient enough to be gay with that touch of sophistication the modern guest appreciates.

The use of sturdy wood, the absence of elaboration will appeal to the masculine taste. The design of the inlaid carpet carried up into the doors and creating the illusion of ample space, will please him as well. This room is conceived to serve either purpose, guest room or study, in entirety. It satisfac functions as a distinct unit i case.

"You have done your b house your guest" in a room kind without sacrificing the study—a room which contr greatly to the comfort and of living of the whole family room is so thoughtfully pl with all the comforts of hor your guest, he will feel he i come and not stowed away afterthought. Yet this in n impairs the use of the roon restful and satisfactory lou study. It often serves as au living room as well.

Whether you are a Goth an apartment dweller, or the possessor of a house you wi preciate the "double featur this room.

Method used by big woolen mills now adapted for home use

ENDS MOTH FEAR FOR 1 YEAR in 1 application

(wear clothes any time)

The only home-use preparation that withstood the dramatic Verified Mothproofing Test

ORDINARY METHODS — Woolen cloth treated with widely sold, ordinary moth liquids, etc. Note havoc caused after moths arrived.

LARVEX-ED — The same cloth treated by exclusive Larvex principle. After 12 months not a single fibre touched.

Moths can't eat Larvex-ed Woolens

* * *

What a relief to have suits and coats and other woolens always ready to wear any unexpectedly cool evening yet fully protected from moths for 12 long months!

No more fussing with wrapping and storing. No more gambling on the uncertainties of old-fashioned bags and futile odors. And no more risks with ordinary liquids (and vapors) that quickly evaporate allowing new moths to creep in and eat their fill.

Just a single spraying of remarkable Larvex treats the fabric *itself* so that MOTHS CAN'T EAT IT FOR ONE WHOLE YEAR! It's the same method used for years by big textile mills now adapted for home use, and the only product sold by druggists that contains this astonishing new principle.

Even the choicest moth food, such as mohair, expensive rugs and drapes, are guarded a full 12 months by Larvex. Apply it directly to the article. Harmless to fabrics, as well as humans and pets. Cannot stain; non-inflammable and has no smell.

IDEAL FOR EVENING CLOTHES

Larvex is just the thing for dress clothes that must be kept hanging in closets ready to wear, yet often unused for months.

One Larvex spraying takes these valuable garments off your mind an entire year as far as moths are concerned. And being odorless, Larvex can't offend when the clothes are worn.

Today, join the thousands of women whom Larvex has liberated from the nuisances and risks of out-dated, bothersome moth-methods. Enjoy 12 solid months of moth-damage protection by spraying economical Larvex in your spare time.

Get a bottle of Larvex today. Use the efficient Larvex sprayer for best results—it lasts for years. At all drug and department stores.

THE LARVEX CORP., CHRYSLER BLDG., N. Y. C.

FORGET THE MOTH SAVE THE CLOTH
LARVEX

Bright Housekeeping

[*Continued from page 21*]

with some light directly o table to center attention wh the dining room, it belong course with dining you im ately think of candles, and th lovely, catching the errant of silver and glassware and a sparkle to the appearance table. But don't use them alo lighted candle is uncomforta look at in a dark room.

Your willing backstairs sla promises you constant and w service in the kitchen too. A wiring system will take ca your refrigerator, fan, clock, dishwasher, waste disposal and mixer. Maybe you ha half these appliances as yet you will have them, and in aration for that day let the ing promise your kitchen a f But in the meantime, do not around in darkness until it c

A shaded wall-bracket ove range, sink, and work ce equipped with a 40-watt frost Mazda lamp will spee hours spent there, for the S of Seeing in its research has able to show a definite relatio between light and work. The ing fixture, an all-enclosing globe carrying a 150-watt frost lamp, benignly does a turn for the whole kitchen pr ing soft, shadowless illumin to help chief cook and washer alike. You needn't until "some day" for right ing.

Upstairs work: The same s ceiling fixture, only smaller, a smaller globe and perhaps watt inside frost Mazda la needed in the bathroom, alth here too there is need for light. Two wall outlets for 60-

ience take the place of scrubbing
couring a toilet. Sani-Flush is
scientifically to clean closet
It puts an end to all unpleasant
Just sprinkle a little in the bowl.
w directions on the can.) Flush
let.

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The porcelain glistens—white as
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inside frost lamps, shaded and thirty inches apart, are needed at face height at the mirror.

An outlet for the curling iron will be appreciated in the bedroom at the dressing table, where also there should be two lights—one at either side of the mirror at face height. Here 40 or 60-watt inside frost lamps may be used in wall brackets, pin-it-up or twin dressing table lamps. Whichever is used, the lamp bulb itself should be on your face level. And pray let the bulbs be inside frost, not colored, and the shades pale, because colored light makes you look all different from what you are—not flatteringly either.

Elsewhere in the bedroom—at lounging chair, chaise longue, and bedside—a lamp should be provided for reading. Remember too that a good reading lamp must fulfill the same requirements upstairs, downstairs and in Milady's chamber. It should have a base tall enough to bring the light well above the reader's shoulder. It should have a shade light in color and broad in shape to provide a wide circle of useful light. It should have a combination of bulbs equivalent to 100 watts at least.

While we are comfortingly assured that reading in bed is not harmful if the lighting is right, this assurance is offset by the prediction of dire things for us if we cheat our eyes and make them read *anywhere* under poor lighting conditions. So don't cheat.

Don't cheat yourself of the convenience of right lighting in the far corners of the house either. Have a ceiling outlet to light the attic stairs, and have finished rooms up there wired just like rooms elsewhere in the house. Have a ceiling light in every closet and—for "hunting" season—an extra outlet fitted with extension cord and socket. The last named you'll appreciate especially if your attic is unfinished.

Down cellar plan outlets connecting ironer, washer, water heater, hot plate, clothes dryer. But do not wait to possess all these before you acquire good lighting in this place where efficiency is at a premium. A ceiling fixture with enclosing globe like the one in the kitchen is good over the tubs and ironer. Wall-brackets like those in the kitchen should be used at other work places. Daylight lamps are recommended too, as these blue bulbs give a working light helpful in seeing stains and spots.

If you want one servant to help with laundry and cleaning, also assist in the kitchen and wait on the table, also do upstairs work and in-between times act as personal maid, don't despair. Anne Lindbergh found her shoes and you can find yours. Just install a good wiring system and put it to work as fast as you can

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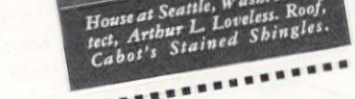
House at Lake Mohawk, N. J. Architect, Edwin R. Closs. Roof and end walls, Cabot's Stains.

House at Portland, Ore. Architect, Harold Doty. Roof and siding, Cabot's Shingle Stains.


House at Seattle, Wash. Architect, Arthur L. Loveless. Roof, Cabot's Stained Shingles.

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GENERAL INSULATING & MFG. CO., Alexandria, Ind.

WORLD'S LARGEST EXCLUSIVE MANUFACTURERS of ROCK WOOL PRODUCTS

Living in an antique house

[*Continued from page 66*]

damon seed are as much a gesture toward the historic past as toward the gustatory desires of my own appreciative family. Recipes and culinary tricks that my mother's mother knew and her mother before her; old utensils adapted to new uses, even the skilful fluting on the edge of a deep force-meat pie serve to strengthen my sense of tradition and to insure seemly behavior in the presence of my ancient treasures.

On rainy days I patch and sew up the stray ends of my well-worn hooked rugs. Then, sitting in my low hung sewing rocker with its delicately pointed finials, companioned on one side by a little old

The high-standing little old fireplace fairly demanded ladder back chairs each side of it. The cradle with its old-fashioned coverlet, the low poste bedstead, and funny old prints on the walls, make for the sort of peace no given to all of us today

Fine pewter, old candlesticks, and little trays decorate the homey cupl in the dining room, where there is a little high chair for some visiting

towel-rack hung with many deep-pocketed bags of rags and sewing patches, on the other, by my old round mending-basket heaped to overflowing with the tattered treasures of days gone by, I set the small stitches that marked the invisible darning taught me by my grandmother, or ravel a thread to fill up a gaping hole in the hand-loomed linen worn thin from many washings. And, as I sew, the material in my hand becomes a way of escape into a dream—a dream of other days. I am the bride who sits beside the treadle of the spinning wheel and the flax thread that I am pulling out is to be woven into this very blue and white tablecloth in my lap. The little hooked rug under my feet with its yellow star-fish caught in a spraddle of green yarn seaweed is really a clipper-ship putting out from Salem to the China seas and I am aboard all set for adventure. Flow blue china in the cupboard, an ivory dog on the table, and the old purple Portuguese map on the wall all serve to heighten the mood. Or I am a child again, sitting at my grandmother's knee as she scrapes apples and tells me tales of family lore. The garden is bright with red and white poppies that put one to sleep and my lips pucker at the taste of the boneset in the border. Proverbs long-forgotten slip through my mind as I muse—"She looketh well to the ways of her household and eateth not of the bread of idleness"—my birthday verse . . . And so I sit and stitch and make beautiful and whole again some frail remnant of the past.

The dull drop of the door-knocker recalls me to the present. Perhaps it is the neighbor who also loves antiques calling to tell me of her latest find or to admire mine, or just to gossip Cran way. The oval stencilled tea- stands ready always, gay fringed napkins, handleless cu their deep-drinking saucers Sheffield pot. A tea-cosy w the pot while crullers and Shr bury cakes are brought in ginger root from its fragrant I pull warm curtains to shut the night. The fire crackles on hearth. Within all is peace tradition and beauty. I am tent with my life in this lo antique house of mine.

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As modern as air conditioning may be, it is *only one* of the many benefits American Radiator is now ready to put in your home. Not only does this new system provide air conditioning — with its forced circulation of air, filtering of dust and dirt, and humidification — but it also supplies many other equally important elements of home comfort conditioning.

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No other single company makes all the amazing home comfort conditioning devices which this organization now offers to you.

Before you build this year — before you buy — send for the new, free book "This New Comfort". Read it. Learn about the many things an American Radiator Conditioning System can do in your home. Make your house a truly modern house.

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about MASLAND Bedroom Rugs

BY FRANK E. MASLAND

(Mr. Masland is Chairman of the Board o C. H. Masland & Sons, Inc., of Carlisle, Pa. also makers of the famous Argonne Rug now celebrating their 50th anniversary.)

"It's a little bit unusual for a manufacturer to writ about his own wares. But, after all, no one know much more about Masland bedroom rugs than I do And what I know, I know by watching the rug develop from the ground up. They're the best rug we know how to make and we've made over 3,000,00 rugs in the past 50 years. They're all wool and, yo can take my word for it, every ounce that goes int a Masland bedroom rug is new and alive. That' what gives them their fluffy pile. They also hav these features that please the ladies; skid-proof backs tufts locked in so they won't pull out; and corner that won't curl up. As for the patterns, we've al had a hand in them and we think they're just abou right. You see, they were designed to go in bed rooms (all sorts), in colors to match bedroom drap eries, wallpapers and suchlike. There's no gettin around it, I'm proud of these rugs. Just one mor point—$40 is the top price for the largest size in th best quality and lots of them cost a good deal less You'll be doing yourself a favor if you ask to see th Masland bedroom rugs the next time you're ou shopping."

F. E. Masland

At left are three Masland Bedroom Rugs, *top:* MOSSGRAIN Pattern No. 29C; *center:* MOSSGRAIN, Pattern No. 27C *bottom:* THRIFT-ART, Pattern No. 2215.

W. & J. Sloane, Selling Agents Division,
295 Fifth Avenue, New York

I'd like to know more about Masland Bedroom Rugs. Please send me, without charge, the Masland 50th Anniversary folder with color illustrations.

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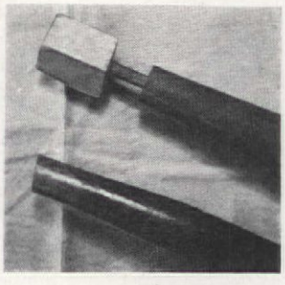
I buy only derelicts

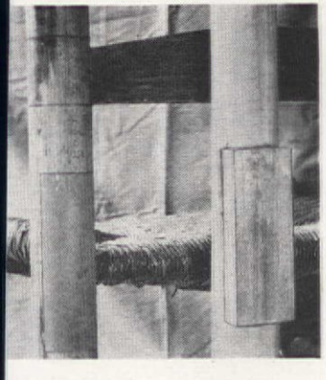
HARRY IRVING SHUMWAY

LL the old pieces of this and that which have come to me down rough the ages have done so on e leg, with no arms, cracked, ree quarters there or next to tally collapsed. I never buy a rfect example of antiquity beuse some hatchet-faced person th cold eyes is always willing to er the auctioneer one dollar ore than I happen to have. Hence ave had to content myself with pieces that scared everybody e away.

The Windsor chair I bought for 25 had one leg broken off, two ndles split (part of one missing) d the two parts of the seat ready secede from its union. Nobody e wanted it. The Boston rocker ich came to me like Little Orant Annie had one rocker wired, d poured into its holes and evices, the back had haughtily ifted away from the rest of the sembly, the seat was chipped and ery joint was loose. Outside of at it was a fine chair. But I got it r seventy-five cents. The old iron y I got for fifty cents was rusty, d a hole in it and the sole re-



ilding up a leg. The extra piece and the l of the leg are bored to take a dowel. e piece is glued and pressed home. The er leg shows the repair complete after rking to shape with plane, file and sandper

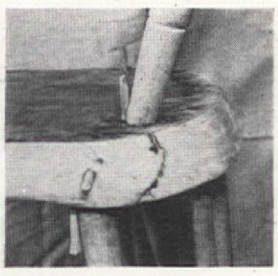


he leg at left was completely sheared off. he model at right shows how extra piece s set in. The extra wood was planed wn and finished with a file and sandper. When possible two of these pieces splints set opposite each other make a tter repair

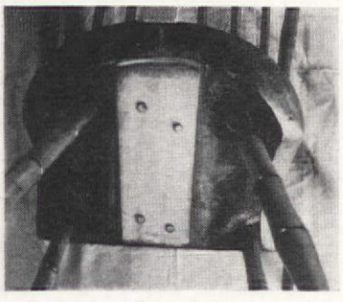
mains of the one-time gorgeous design was one faint gold line about 3/8 of an inch long. And the old swing-leg maple dropleaf table I carried away for $2.75 was rapidly becoming decomposed. Such a table!

At auction sales I see people glance at me and slyly snicker. They probably wonder why I choose to buy kindling wood at an auction sale of furniture when I could do so much better at a lumber yard. Let 'em snicker. Slowly I am collecting all sorts of nifty old pieces for fifty cents and a dollar that, once off my operating table, are ready to take up the life which they abandoned years ago.

Let's take the Windsor chair with the sheared-off leg, the split seat and the missing spindle. This leg was absolutely adrift. So I stuck enough glue on the fracture to hold it for the major opera-



Wedges of maple driven into loose legs and posts. The wedges are set in glue. Then sawed off flush and any depression filled with plastic wood. The dowel repairs a split in the seat.



Chair rung broken away at leg. Hole was drilled through the leg into the rung and a strong dowel set tightly in glue. The dowel was then sawed off.

tion. When dry I bored straight down through the part of the leg which protruded from the seat, into the part of the leg which had left its moorings. Then I inserted a maple dowel 3/8 of an inch in diameter. This was well covered with glue as was also the hole. That leg is as good as new.

The hole where the spindle used to be was cleaned out and a section of spindle made from an old piece of oak. I beveled one end of this piece at a long angle. Then I matched this bevel on the remaining part of the spindle which stuck up from the seat. It was an easy matter to cut off the new piece to the right length, insert it in the hole, glue the joint and set with a small clamp. When dry it was worked smooth with a file and then sandpapered. The joint can hardly be seen. This is an easy way to repair any chair with spindles which have become broken, without removing the bow or the top slat.

Wooden seats are frequently split. They are easily fixed. I glued the split and clamped the seat so the split was squeezed tight. Then on the under side of the seat I glued a board one fourth inch thick by four inches wide and almost as long as the seat. Bored four holes through this into the bottom of the seat and set in four dowels in glue. Result: the seat is as good as in the beginning. The ends were filed off so the repair could not be seen when the chair was on the floor. In all these dowel repairs, the dowels should have a tight fit.

And now for the most frequent ailment that chairs seem to have. Loose legs and rungs. Sometimes they are all loose. There is play between leg or rung and the hole. The lowly clothes-pin, being maple, makes fine wedges. Split the clothes-pin with a chisel, cut off the ends about two inches long, and sandpaper one end to a fine edge. This is the wedge. The angle should be very slight so it will go in quite a distance and make a good joint. Flood warm glue into the offending joint and rock the rung or leg so the glue is worked in. Then drive in the wedge with a hammer, being careful to set the wedge at right angles to the grain of the seat or it will tend to split. This little home-made method makes joints as tight as they were in their youth. And it might be well to mention that newly acquired furniture should be well dried in a heated house for a long time before you go to work on it. Many of these old pieces have been out in the damp and they shrink when placed in warm, dry houses.

Once I got a four-slat ladderback chair for seventy-five cents, which, of course, would have been a bargain if the condition had been even fair. But it wasn't. One of the long back legs had split straight across at the juncture of the seat. First, I set the break in

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LOIS: "Yes, but look at those *dirty* walls!"

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walls and ceilings

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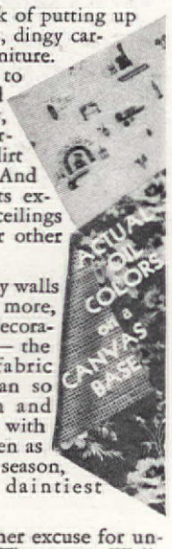

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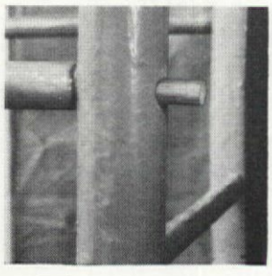
glue and let it harden. Then I cut a section about five inches long and half an inch deep at the fracture, using a saw and cleaning out with a chisel. Into this I set a piece of maple, glued, and clamped it. When dry, it was a simple matter to plane and file the new piece to shape and the leg was as good as new. To give additional strength I ran a dowel down through the fracture at a long angle. The chair can now be sat in.

The top slat was a bit of a ruin, too. It had split across in two pieces but they held at the ends. I set these firmly in place with clamps. Then bored down through the narrow slat with a 1/16-inch drill in three different places, at depths nearly as long as the width of the slat. Into these holes I hammered pieces of stiff wire a trifle larger than the hole. The slat is now restored to good health and the repairs cannot be seen.

One is bound to get a chair sooner or later, with legs which have undergone a weird wear. In fact, it was more than wear that caused their uneven lengths. In the old days these chairs had to rest on floors of very uneven surfaces. So it was easier to saw a piece off a leg to make the chair rest level than to fix the floor.

I got one with all the legs of different lengths, one as much as two inches short. It was better to build them up than to saw off the others to match the shortest. So I got some maple of larger diameter than the leg ends. Using a piece long enough I bored a hole in it, another to match it in the chair leg and amalgamated the two with a tight fitting dowel set



This seat was completely split. It was glued, clamped together and the thin board put on the bottom. Four holes were drilled through into the seat and dowels set in glue

in glue. After it was dry it was an easy matter to trim the new end down to the correct shape with a small plane and file.

In my gathering I got chairs containing various quantities of rungs. Some would have two missing. One lovely old three-rung back had two rungs gone and one of the seat bars. Rungs are usually made of hickory—hence my predilection for old hoe and rake handles. These make fine c rungs.

When by main strength and norance I could strain a c enough to slip in a newly m rung, the repair was easy. sometimes it was impossible do this. So, there being trick all trades, I learned how to a piece of wood into an unstre able space (the piece being lo than the space) without tea the whole thing apart. I bore hole through the back of the in line with the missing rung slipped the new rung in thro the hole. The free end was s for a wedge and a wedge dr in to make it tight. This is a s way to do this job and the re is hardly noticeable. Of co this can be done only with a r which is the same diameter entire length.

There is a way to fix a r which is thicker in the middle t at the ends and which may be l ken off at one or both ends. Dr hole from the outer side of leg into the loose rung. If the r is 5/8 to 3/4 inch in diameter, a 3/8-inch hole. Fit a dowel this with glue, and drive it ho It makes a strong joint. All th dowels, of course, should fit tigh

Today my most expensive ch has cost me three dollars—a th slat back. But this was (accord to my standards) in good co tion. At least it would stand which was a lot more than could say about most of th My cheapest to date, is a Hit cock which set me back twen five cents. This is what you mi call thoroughly weather Granted that Mr. Hitchcock m it in, say 1840, I'd guess tha has been out in the sun, typhoo and blizzards since 1841. It is r gray maple and every joint i is as free as air.

What am I going to do w it? First, give it a bath of ox acid to drive away the sil threads in its maple gold. T garnet sandpaper. This new sa paper is made of garnet chips a cuts better and lasts longer th ordinary sandpaper.

Why do I collect derelicts a has-beens outside of the financ reason? Because it's a game. chair or table with legs miss and epidermis ravaged just ch lenges me to the boiling point can't resist them.

Then there is another reason love to rip out the stuffing in chairs in the hope of finding hundred-dollar bill of the v olden days. To date I have found any. I have an uncle w has been at this same game (p fessionally) for thirty years a I asked him if he ever found a money this way. He admitted had, once. Ten cents was the fi But the other day he bought chair for twenty dollars, remov about eight pounds of assor

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paint and discovered he had one of the very earliest chairs ever made in America, worth one thousand dollars.

There is no use in succumbing to a disease of this sort unless you like the medicine of removing paint. All old furniture seems to be loaded with various vintages of paint. There is the early oxblood, Rhode Island green, common house paint and a particularly vicious brick-red paint which defies everything and everybody. I used to take off the stuff with paint-remover but lately I have taken up the scraper. It is cleaner and once paint is off, it's off.

There are scrapers and scrapers. Any old piece of thin, flat steel will make a good one. But it isn't the scraper that does the trick; it's the edge you keep on it. I sharpen mine to a razor edge on a carborundum stone, then burr over that edge with a few strokes of the file. That little burr is the thing that digs right into Old Mr. Paint and removes him painlessly.

Well, that's how it goes. It sounds like a great deal to learn, and as a matter of fact, perhaps it is. But once learned, it is twice as easy to proceed and to get real results. Moreover, not only does it sound, but it is, a great deal of work. But there is no counting in pennies or hours the satisfaction (in spite of what I may say) of seeing a derelict come back to a long life of use and beauty, under your own ministrations. There is a feeling of real creation in this, a feeling of achievement measured in very practical terms.

Ah me! The open season of auction sales will begin any day now. The wayside antique dealers will be getting out their relics and spreading them around the barns and front lawns. Pathetic invalids in old pine and maple will be brought outside into the sun to stare at the passers-by. I can almost smell them in the air. The auctioneer's raucous voice is about to be tuned up. It looks as if it might be a year of bigger and better derelicts than ever.

And oh how I dread it!

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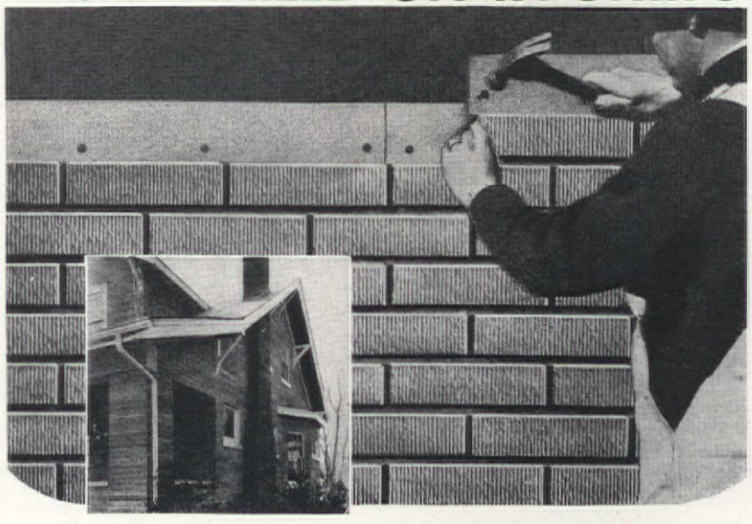

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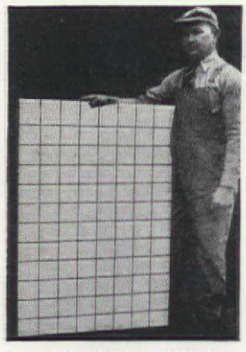

Each strip of this rigid, asbestos-cement siding contains 3 slightly elevated "bricks" in pleasing colors of redtone or buff with dark gray, deeply recessed "mortar joints." The patented features* of Eternit Brick-Type Siding enable carpenters to nail rigid "bricks" in place, three at a time—at only a fraction of the cost of laying brick veneers.

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Division of Chrysler Corporation

An apartment garden

[*Continued from page 65*]

Ageratum; excellent bloomer.
Sedum: acre (Golden Moss), stoloniferum (dusty-pink blossoms held up above thick compact leaves).
Iris, tall, bearded and dwarf pumila.

WILD PLANTS transplanted and doing well—

Christmas Fern; Maidenhair Fern; Violets, purple and white; Troutlilies (also called Dogtooth Violets); Trailing Buttercups; Field Daisies and Black-eyed Susans; Woodbine; Wild Geranium; Native Azalaes; Wild Cherry seedlings making nice bright green backgrounds and good corner fillers.

BULBS

Tulips, Cottage with a few bronze Darwins; Grape Hyacinths; Snowdrops; Crocus.

Physical requirements

Drainage. Adequate drainage is tremendously important. Practically all New York backyards start off with one drainage hole which is usually clogged up. At least three drainage holes should be supplied. These can be very simply made by digging a deep narrow hole, placing broken bricks and flower pots in the bottom and inserting the end of an old lead pipe, the top edge of which should be flush with the surface after hole is filled up. Surface should be slanted in gradually to make a slight depression towards center. This form of drainage is only to carry off surface water.

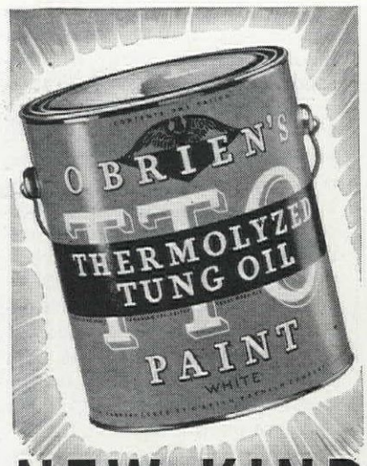
Soil should be thoroughly loosened in the beginning and kept loose. Spading to a depth of two or more feet is not too much. The introduction of peat moss helps the looseness of the soil and is a method of moisture retention. Peat moss may also be used as a surface mulch during the summer but when used in this fashion requires much heavier watering than ordinary. Digging in coal ashes and wood ashes is also beneficial to the soil. The majority of city yards require a great deal of prepared chemical plant food to counteract sourness, acidity, and deficient chemical content. Thorough preparation in the beginning will mean very little work along these lines for successive seasons. When using commercial plant foods it is advisable to follow directions implicitly. A too generous use results in rampant and leggy stems and foliage and, if any, infinitesimal flowers.

Cultivation. That never ending operation of keeping the soil loose and friable must be done assiduously in the city garden. Inadequate drainage or too hea
watering, when the water remai
on the surface and puddles, for
a cement-like crust after the s
hits it. If allowed to remain crust
the soil soon strangles the plan

Watering. Should always
done with a fine spray and tak
much more time to thorough
moisten the soil than you have a
idea of. Pot watering is both ti
some and inadequate; that is,
course, unless time and fatig
mean nothing to you. We fou
that rather than watering eve
evening, a very thorough soaki
twice a week was productive
better results. By thorough
mean running the hose, with t
fine spray turned on, for two
three hours at a time. We used t
picket fence to hold the hose
various angles so that every pa
of garden benefited for even t
greatest devotion is apt to balk
holding a hose for that length
time. A whirling spray attachme
that rests on the ground is ve
good.

For those plants in the rock ga
den that require more moistu
than the usual run, terra cot
flower pots were sunk in the s
at various points. An inch or
of fine pebbles was placed in t
bottoms and the pots filled wi
water during those awfully h
spells New York seems to thri
on. The water seeped out gradual
and kept the plants in a beaut
fully healthy condition.

Note: All metropolitan floris
concentrate on Geraniums f
spring and early summer. The
seem to thrive on the weathe
abuse a New York summer giv
plants. Geraniums are continuo
bloomers, so purchase un-flowere
plants and within approximatel
three weeks they'll be in bloom.
you plan to use them in the garde
do not un-pot them. Plant then
pot and all, for to flower frequen
ly they must be potbound. If u
potted they'll increase in size ver
quickly, but nary a flower will a
pear. At the end of the season the
may be taken up, pot and all, an
used for winter house plants. I
cidentally, Ageratum may b
treated the same way.



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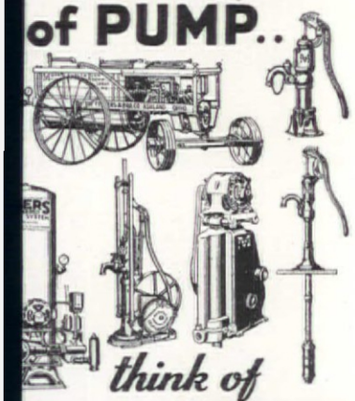

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[P-6]

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This work is their blessing

[*Continued from page 38*]

Frances seems to like them. Why? One of the reasons is that her room is really her own; she has placed her own furniture, bought her own curtains, embroidered her own guest towels, and arranged the flowers in the vase on her desk.

Jack's tool chest, that might be only a plaything, serves the house. The boy feels important and responsible when he is asked to mend and tinker.

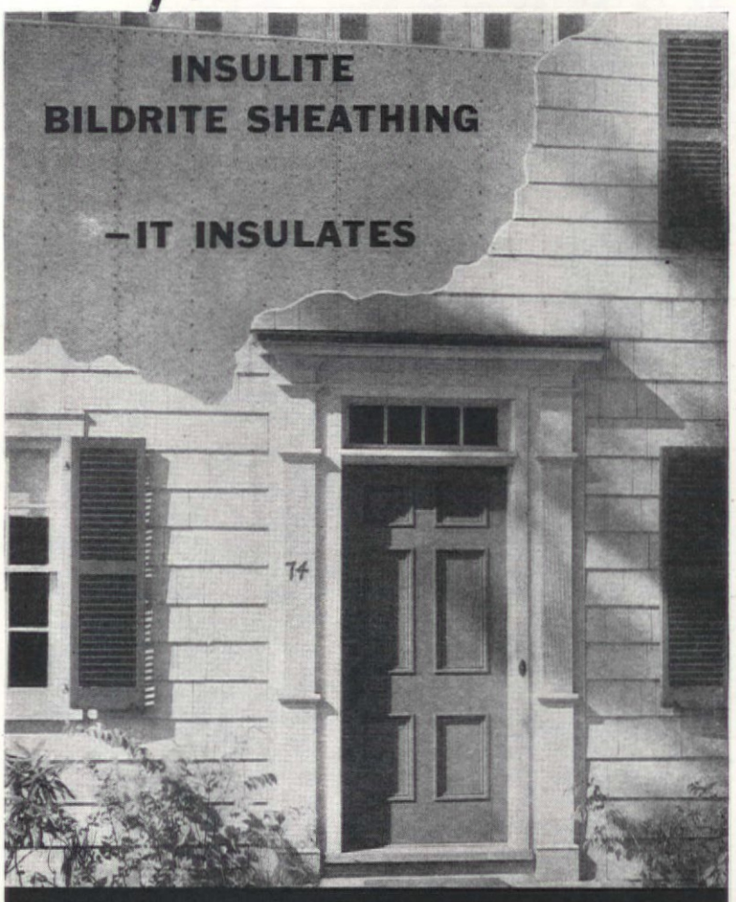
Too, a task becomes a child's own when it has been made habitual. We are often surprised at a boy's willingness to rake the lawn twice a week, to fire the furnace every morning, to wash the car every Saturday. Surely that is boresome, we think; why does he do that so willingly? Work that is habitual becomes his own because he does not have to be reminded of it, he does not have to be told how to do it. Because no one tells him to do it, he begins to think he has volunteered; because no one has to tell him how to do it, he begins to think he has thought through his own methods—and perhaps he will in time. This is one secret in teaching our children to serve with pleasure in the serving: we must find routine tasks for them, and let them take the responsibility for remembering and for doing.

And one thing I should not have to say, though I know I must because I share with everyone who has worked with children the guilt of having thoughtlessly committed this sin against them: work should never be given to a child as punishment. It is hard to remember this because the chastisement seems to be so just when we say, "Frances, you have disobeyed me today and you may tell Mary that you cannot go home with her. You had better clean out your closet this morning." When we do that we associate forever the idea of cleaning the closet with the unpleasantness of punishment.

The habit of rewarding all work with pay is destructive of the right attitude toward work. Labor brings a reward in accomplishment—and that reward should be felt above all others. Destructive, too, is the habit of asking a child to "do this for mother." If that appeal is made often he looks to mother for a reward in too constant appreciation for everything he does. Work for its own sake is the straightest road to self sufficiency and happiness.

When a child's work is bracketed with his father's he finds it satisfying; school work, work he does at home in creative mood, or work that is his, habitually, should be respected; he should be expected to

YOUR HOME SHOULD HAVE THIS *Hidden Safeguard*



PROVIDES GREATER COMFORT AND STRONGER WALLS

BILDRITE SHEATHING...a remarkable discovery used in place of lumber sheathing on the modern better built homes. When you build a home, insist on getting the exclusive advantages this new sheathing provides.

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IT WILL PAY YOU TO SEE AN ARCHITECT WHEN YOU BUILD OR REMODEL

These attractive new solid aluminum or bronze

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AMAZING features never before offered in any window are focusing national attention on Kawneer's compact, new LIGHT SEALAIR WINDOWS — bringing about a new conception of what windows should be! Sold in complete units through material dealers . . double-hung or casement types . . simple in construction . . proved in use. Will not rust, rattle, warp, shrink, swell, or rot out! Get full information before you build or remodel.

Write name and address in border and mail to THE KAWNEER CO., NILES, MICH., for a free copy of Light Sealair booklet. (A-4)

Kawneer
SEALAIR WINDOWS
RUSTLESS METAL

do "his job" well, a his father does his; when he goes to school he goes off to work and when he does his homework at night it is still "his job." This kind of respect for his work will give it dignity.

With the ideal of work as a satisfying thing goes the ideal of service. Joy in labor will be followed by joy in service, if work is presented as it should be. Looking after our own needs is important; that must come first; that being easy and satisfying, we shall want to help someone else.

I knew a child whose service grew out of labor that would have burdened an adult. A little girl, her dress washed almost clear of the flowers printed on cotton, her braided hair tied with torn strips of gingham, she was as cheerful in poverty and eager to serve as one of the little Wiggses in the Cabbage Patch. She was anxious, always, to be allowed to stay after school to wash the long wall of blackboards. Watching her one day washing in wide clean circles I asked her what experience she had had in scrubbing. She answered, with the old American pride in labor, that she washed dishes for her mother every day after school because her mother kept boarders and there were so many dishes. Sometimes she scrubbed the bathroom floor if she didn't have too much homework. My conscience hurt me then to keep her there, but I knew it was her pleasure to serve at school because she had served at home.

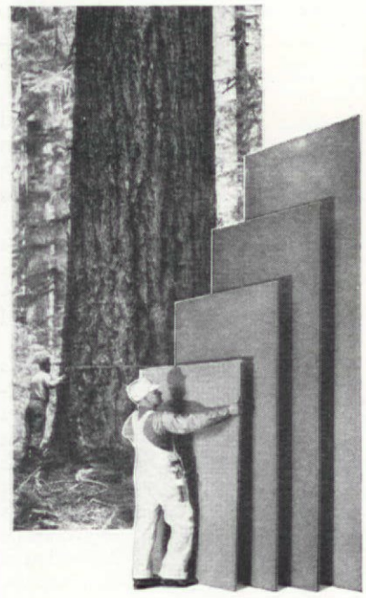
Of course we do not want our children to work when they should be out in the sunshine; we do not want them to develop work neuroses. They must have lots of time for play and puttering, for friendships and for laziness. These legitimate recreations are more enjoyable in contrast with the purposefulness of work.

A healthful attitude toward work is a hard thing to give. It means loving our work and living our love for our work so that the children may see our joy in accomplishment. It means finding work for a child that is his own because it is creative, habitual, or otherwise satisfying. It means that work must not be associated with punishment. But it is a great gift, one that grows with use, one of the few fine things that *can* be given.

Every child needs to feel about work as Henry Van Dyke felt when he wrote:

"This is my work; my blessing; not my doom;
Of all who live, I am the one by whom
This work can best be done, in the right way."

From the world's finest trees



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THERE is no other insulation wallboard just like Fir-Tex. It is made from fir trees which take from 100 to 600 years to grow—not six months. Fir in its natural state has more insulation value, more waterproofing qualities than other raw materials used for wallboards. Fir-Tex insulating wallboard goes nature one better by shredding the fir wood, and then interlacing the fibres to create more air spaces, the number of which determines the amount of insulation. Use Fir-Tex in new homes or in remodeling—for insulation, for sound deadening, as an interior finish in its beautiful natural tan color or as a plaster base instead of lath. Available in ⅜-in., ½-in., 1-in. and 1½-in. thickness. Ask your architect or builder for the thickness required.

Only Fir-Tex has all these qualities

All wood—Fir-Tex has the inherent qualities of wood plus the utility of a wallboard. No fillers . . 100% wood throughout. *No chemicals*—Wood fibres in Fir-Tex are not broken down by the use of chemicals in the manufacturing process. Each fibre possesses the full strength of wood. *Waterproof*—Fir-Tex is waterproofed as it is made. It is water resistant throughout, *not* only on the surface. *High insulation value*—Fir-Tex has 10% greater insulation value than other insulation boards. *Vermin proof*—Wood does not attract rats or other vermin. Fir-Tex is all wood. *Fire retardent*—Fir-Tex is extremely hard to burn —much more difficult than other wall boards. *Not laminated*—Fir-Tex is made up to 1½-in. thickness without lamination.

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Gentlemen: Kindly send me Home Owners' Catalog *Free.*

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AH-A6

Take one barn on a hilltop—and live

[*Continued from page 73*]

Cubes beautiful in their soli
A table, but a circle with cu
shelves. A bed wide and low
back pointed to reach with
trees which soon would b
against the bedroom window
dressing table looking like a
tented semi-circle, but opening
triangular and space saving
tions. No sideboard or buffet
a series of lovely cubes in
toned wood with graduated s
for great, green goblets, for
Italian cups of buttercup
low and for amethyst bowls.
did these gay necessities resp
to their out-of-the-cupboard-f
dom! As long as there was a th
of sun in the room they wi
and flirted and were very joc
company indeed. But, we
have a dining room table, tho
there was no dining room. We
it's a ten-foot plank of ri
grained red wood, supported b
triangle of pine. Waxed to wi
an inch of its life it found its
ural place plump across the e
mous window that was once
barn door. I wouldn't trade
table in that window for
choicest table in the choicest
dow of the Rainbow Room
Radio City! Today after all t
years, it's still a thrill to break
there. And since breakfast in
city is something to endure,
the family is the same in b
cases, it must be the place th
responsible. And up and down
across the little panes of the e
mous glass strut dozens of bot
—one time containers of one t
potent and then illegal poti
Ruby and amber, green and n
nite blue, saffron and ameth
yellows and ox blood reds.
the sun likes to play on such
ceptive wares and who could s
off the day gray and gloomy
such a riotiously colorful sp
And over cigarettes and co
when dinner is over, we talk.
when all the color has faded fr
the skies and the lights flash
and then from Utica way over
hills, it's time for the children
go to bed. Sometimes so very p
testingly—I fear we have no "g
tle Alices." Our three "go nati
out here with a vengeance. But
last they're off to bed and so h
disappeared the last rays of lig
Then a fire is laid and I sit on
great wide deep divan close to
fireplace. And perhaps I stretc
languid arm for a book from
tailored little cases that flank
ends of the divan. But often
don't open the book, for I'm ful
all this outdoors where I've li
all day and I'm very conten

mazing New **LINT FREE**
OMFORT FILLING
Handles like Cloth!

N utterly new kind of comforter filling has been perfected—free from faults that make use of ordinary cotton batts so unsatisfac-. Unique finish makes it easy to handle as h—keeps it from coming apart in making or ing lumpy. Exclusive AIR-CELL construc- also makes Fluft MOUNTAIN MIST m as ordinary cotton batts 50% heavier. w its dazzling white- brings out color and gn of cover fabrics! int or dust! Be sure to all these qualities. In- on genuine Fluft UNTAIN MIST. At eading dry goods and artment stores.

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and I look straight up—way, way up into the dusky, yes and perhaps dusty (who *could* reach up there!) heights of our living room and I remember that once swallows made their nests up there and that on an autumn evening six years ago, we dispossessed the swallows—and I'm sorry for the swallows but so glad for us.

The Barn is still a-growing. A porch meant longer hours out of doors, so a porch was built, for a while it had only a canvas top since the Depression hadn't been so temporary after all, but now it has its own top and on rainy days that porch makes "the grandest house" for my three children and the neighbors' thirty-three.

There isn't a suspicion of what the garden clubs would approve of in the way of a garden. But if this soil of Russia is stubborn, I'm stubborner and I have bushels of flowers for the Barn, larkspur, and African daisies, delphinium and lemon lilies, plenty to fill the house bowls to overflowing and leave the garden still a vivid spot on the port side. And I have a gate! Fancy a New England girl living in the country without a gate. It would have been something more than we could manage financially to fence in all these acres so I put a gate on one side of my garden. Maybe it thinks it's guarding the garden but I know it's there simply because I want a gate, even if it does lead to Nowhere. Outside the Dutch door, there hangs an old lantern, picked up on the Cape a few years ago. It's probably still disconcerted at this inland scene it looks upon with the help of a Mazda bulb. What a come-down for a sea-going, oil-burning lantern! But the most-died-in-the-sea-mariners must sometimes come to port and I feel that perhaps our nautical beam is at last content to light our friends across the field to the Barn Door.

A big cow bell keeps company there with the sea going lantern though we have no cows. This cow bell calls my own blue ribbon herd home. They can hear it even when they're far from the sight of our neighbor the drumlin—the gate that leads to Nowhere and the sea going lantern that looks on Mohawk Valley hills.

Spring is shy up in these northern hills, but just this very minute some lusty, roustabout of a wind must have stirred the cow bell on the Barn for I vow I heard it distinctly. I think it's time again to go out and meet the spring on our Hill-top so tomorrow we're off again to the Barn.

This Crane bathroom includes a CORWITH *tub with* REFRESHOR *Shower,* NORWICH *vitreous china lavatory and* MAURCLONIA *closet*

A Delightful Crane Bathroom That Could Be Yours

The Cost? Only $457 complete!

LIKE most lovely things for the home, the Crane bathroom pictured here was first just an idea in its owner's mind. But it came to life one day in the Everett W. Page residence, 608 Bonnie Brae, River Forest, Illinois, when it was decided the old bathroom had served its day.

Fine new tile walls with integral soap and towel fixtures, tile floor, Crane bath, shower, lavatory, closet and medicine chest—even new lighting fixtures, shower curtains and drapes were installed. All labor and material cost only $457. So, you see, this bathroom really *could* be yours!

Each Crane fixture in the Pages' home is a thing of beauty and convenience—the fine, easy-to-clean vitreous china NORWICH lavatory, for instance, with a SECURO lever-action waste that drains quickly, *stays put.*

Here's how easy it is to have a Crane bathroom: No money down, three years to pay, and everything is included in the job—carpentry, decorating, plumbing and all fittings and fixtures. A $457 bathroom would cost only $14.69 a month on the Crane Finance Plan, and it's all yours!

Quality In Every Hidden Fitting

With a Crane bathroom, kitchen, laundry or heating system, quality extends beyond mere appearance to every hidden pipe and fitting. The "working parts" are of sterling quality, you may depend on it!

Now, with Crane beauty, convenience and modest cost within your reach, call on your licensed plumbing and heating contractor or architect at once. They will tell you what's new in remodeling and in building, and they'll help you plan your bathroom, kitchen, laundry or heating system complete! Your contractor will give you complete estimates and will make all financial arrangements.

Remember—you can have that new bathroom, that guest lavatory downstairs, a fine new laundry with porcelain tubs, or an economical, dependable Crane Heating System—all on the Crane Finance Plan, at Government rates.

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Whether you are interested in a new bathroom, laundry, kitchen or heating system, we'll be glad to send you interesting literature which will greatly help you in your planning. To get the literature best suited to your requirements, please check the coupon below and mail today.

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Gentlemen: Please send, free and without obligation, illustrated literature on the subjects I have checked: ☐ Bathroom; ☐ Modern Kitchen; ☐ Heating System. (If contemplating building a new home, check here ☐).

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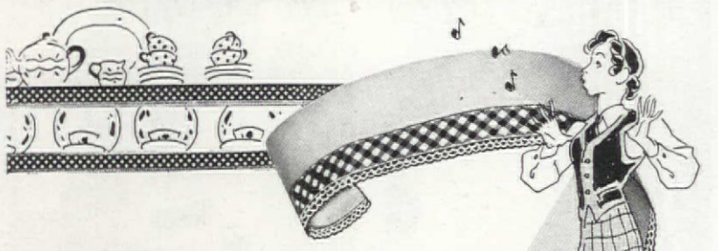
"SHOW-OFF" SHELVES

any cupboard can have them for a nickel!



IF THE CROWD drops in tonight for a snack or a cocktail, are your shelves in spick-and-span, show-off shape? Call on Royledge! *Any* 5-and-10, dept. store or local shop has new patterns at 5c for nine feet (10c sizes, too).

You can lay this new shelving in a jiffy without tacking; it keeps the shelf dustless and decorates the edge smartly... changes homely cupboards into beauties in a minute.

Millions (yes, *really*) of women are using Royledge instead of fancy, extravagant shelf edgings that have to be tacked up and torn down for laundering. "Royledge" is strong, non-curling, long-lasting, decorative... *and thrifty!* Just see the big 5c packages with the red sticker that says *"Feel the Edge!"* Made by ROYLACE, 842 Lorimer Street, Brooklyn, New York.

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REG. U. S. PAT. OFF.
"Feel the Edge"

HOW TO SAVE MONEY —GET QUALITY TOO

2000 sheets, extra strong tissue

Satin Tissue is smooth, soft and sheer, yet tough in texture. Above all, it is pure and safe for everyone's use. It comes in *Pure White* and "natural," and attractive colors. Roll fits all fixtures, but contains 2000 sheets, more than double the ordinary. 25c a roll, or in 4-roll cartons at drug, department and better grocery stores. Or write to A. P. W. Paper Co., Albany, N. Y.

A.P.W.
Satin Tissue

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HAND MADE BRASSES

For Antique Furniture

Handles, Knobs, Pulls, Hinges, etc. Exact replicas of best originals including color. We make, match, copy, repair or restore anything in Brass. Illustrated list free. Founded 1751.

BALL BRASSES
Hope Manor, West Chester, Pa.

Diamond-like brilliance

DESIGNED CRYSTAL of dignity and charm... strong as carved quartz... resonant as silver bells... brilliant as diamonds. Wide selection at leading department stores, jewelers and gift shops. Cataract-Sharpe Manufacturing Co., Buffalo, U. S. A.

DESIGNED CRYSTAL BY Sharpe ALWAYS BEARS THIS TAG → Rock Sharpe Crystal

Trellis transformation

MABEL ROSE LEVY

IT NEEDED imagination to see any beauty in this place when we bought it—no shrubbery, ramshackle fences. Practically no soil on the hard lime-rock yard, and in the back, this yard was a picture of desolation—heaps of ashes, tin cans, broken bottles, and the neighborhood cows, dogs, and children roamed in and out at will.

The first thing I did was to plant a hedge entirely around the place. A friend gave me privet seedlings and cuttings from time to time, but the school children rode over it with their bicycles and killed it. My friend was generous, however, and I tried again and now have a high green wall surrounding my back garden, while we keep the front hedge cut low. In the side high hedge I have a curved top trellis and at the back gate, another which has a curved gate.

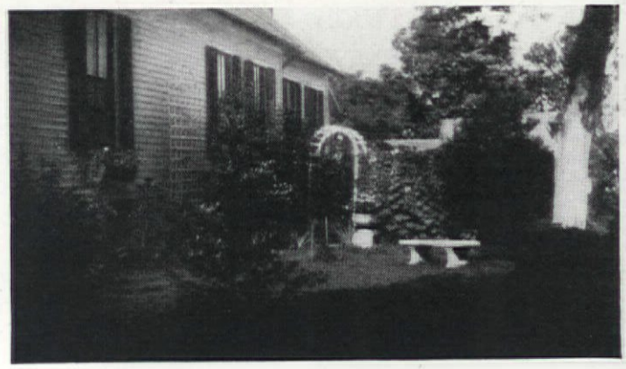
My foundation planting is largely gifts from gardening friends, although for several years on Christmas and birthdays we gave each other evergreens, or garden benches, or bird baths, regardless of what gift might have been preferred. To this good day my daughter gives me a Tree Peony every Mother's Day.

My yard was beginning to plea me but every time I walked up t street and saw the banisters a gingerbread trimming on my fro porch I would say to myself, "I *ever* get any money, I'll build new porch." But there never w any money for remodeling and t porch got on my nerves.

My husband delights in doi odd jobs around the house, so conceived the idea of tearing o all that unnecessary decorati and putting up trellises. He did the work at odd times, and the a tual money spent was so little th no one need be deterred by t expense. The transformation w marvelous.

The house has an air now a the trellises are in keeping with n white cottage with green blin and the dwarf Boxwood by t walk. It looks homelike and co fortable and the Van Fleet Ro and Coralvine wind in and out the trellises and yet do not hi them.

If you look closely at the sna shot you will see that I have blin at the front door. These a screened inside and answer t purpose of a screen door and al keep out glare and dust and gi



Occupying less floor space than a 2'x5' rug, the MUSETTE has a standard 88-note keyboard. Above you see the charming Colonial Model, in Mahogany. $295, f. o. b. New York.

PERHAPS you have already heard our friends talking about the USETTE, the new type Piano which s so nicely into today's decorative heme because of its small size and harming lines — yet possesses the nal depth and beauty usually found nly in larger and more costly in- ruments.

Unique in construction, styling and erformance, The MUSETTE is one f America's fastest selling Pianos. eading Piano Merchants everywhere isplay The MUSETTE.

Send for handsomely illustrated 16- age descriptive Catalog, showing all esigns and explaining how custom- ade Models may be built to order. egular models include Colonial (il- ustrated above), Federal, Sheraton nd Louis XV — available in Mahog- ny, Walnut, Maple and Ebony.

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One of America's largest Manufacturers of fine Grand and Studio Pianos

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ew inventions—that almost challenge be- ef. Read about them in Popular Mechanics. very month this big 200-page magazine is rammed full of fascinating pictures and ac- ounts of daring adventures, astounding cientific discoveries, new achievements in viation, electricity, engineering, chemistry, hysics, radio. Special departments for home raftsmen and practical shop men—easy to ollow plans—get real fun out of making hings. Don't miss this month's issue—a thrill- ng and entertaining record of the world's ewest wonders—25c at all newsstands.

POPULAR MECHANICS

the hall a cool shady look in summer while adding to the quaint outside appearance which the trellises give.

In fact I am sure that every tramp, peddler, and agent who comes up my walk has a vision of a quaint, sweet-faced old lady with a cookie jar in her right hand and no sales resistance in her soul! Since I am neither quaint, sweet faced, nor old I fear they must feel that the trellises misled them—but when *I* come up my walk, I am reminded of a little poem I read before I bought my home.

"A wee white house just big enough
For two or three
Set in a little garden plot
With flower and tree
A low green hedge to circle all
Lord, grant it me!"

Dollar Ideas

[*Continued from page 56*]

white potato salad. It gives it a golden appearance and a piquancy quite intangible. MRS. ROSS BAXTER, Binghamton, N. Y.

Stickless Raisins

To chop raisins directly from the box, heat food chopper in boiling water and then raisins will go through without sticking. MISS B. FITZPATRICK, Hartford, Conn.

Cleansing Material at Hand

When using a pail in housework, it is helpful to get an inexpensive wire soap dish and hook it to side of pail. Soap, brush, or cleansing material is conveniently available in this way. MRS. A. H. CLEMENT, San Mateo, California.

Preventing Pie Shells from Burning Around the Edges

A small brush made of brown paper or waxed paper dipped in the same kind of shortening with which the pie crust has been made and rubbed around the edges of the crust after it has been filled and put in the oven for a second cooking and has begun to get very hot will prevent burning and make the crust even more delicious. The process may be repeated if it takes the pie very long to cook. MRS. C. P. CAKE, Mt. Gregor, N. Y.

To Wash Rice

It is so quick and easy—just put your rice in a good sized bowl with plenty of water. Beat well with the egg beater. MRS. MABEL R. FOWLE, Newton Center, Mass.

[*Please turn to page 94*]

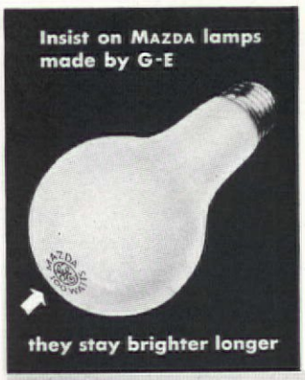
"PERFECT!"

SAY A MILLION PAIRS OF EYES

I. E. S. Better Sight Lamps are now available in a wide variety of styles... floor, table, and wall models. See them at your lighting company, department or furniture store, or at your electrical dealer's... Be sure the lamp you buy carries this authorized Certification Tag.

"THIS is what I call good reading light"—"These people certainly hit the nail on the head when they designed these lamps"—"They're as good to look at as they are good for the eyes."

Of course people think these lamps are right for seeing purposes. For they were especially designed to provide proper lighting for reading, sewing, studying and all close-seeing work... lighting that is free from harmful glare, ample over a table or working area, and diffused throughout the room to give general illumination.



That's why lighting and eyesight specialists recommend these I. E. S. Better-Sight Lamps for close-seeing tasks. To be sure that you enjoy all the sight saving benefits these lamps offer, equip them with genuine MAZDA lamps made by General Electric... the kind that *stay brighter longer*—the kind that give you the maximum of light for the current they consume. General Electric Company, Department 166, Nela Park, Cleveland, O.

GENERAL ELECTRIC

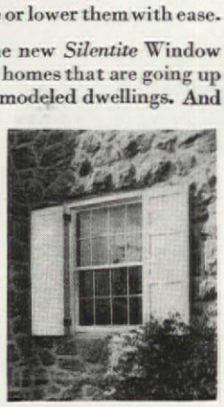
a Window that Watches YOUR FUEL BILLS

They say that the ordinary windows in a house even when closed leak as much heat as would a wide-open window. But that's all changed now, since *Curtis* perfected the new *Silentite* Window Unit —a real "insulated" window.

It's a wood window, too, with all wood's warmth, beauty and hominess. It always slides freely on all metal-to-metal contacts. It's dipped to prevent rot. Far less heat escapes. Fuel savings run as high as 25 per cent. Wind cannot enter your home to cause unhealthful drafts. Smoke and dust can't blow in, to run up cleaning bills.

Gone, too, are the sash cords that used to break—the weights and pulleys that used to jamb. There's no more binding—no more seepage from rain or snow—no more rattling. And *Silentite* Windows are so well made that even a child can raise or lower them with ease.

You'll see the new *Silentite* Window Unit in the new homes that are going up and in many remodeled dwellings. And in every place they'll more than save their cost. Why not learn more about the window that watches your fuel bills? Mail coupon, now, for interesting booklet.



"The most beautiful and homiest window ever built."

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"Curtis Woodwork in Walnut"

Curtis Companies Service Bureau
Dept. 104, Curtis Bldg., Clinton, Iowa

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I am planning to ☐ Build ☐ Remodel. Please send appropriate literature.

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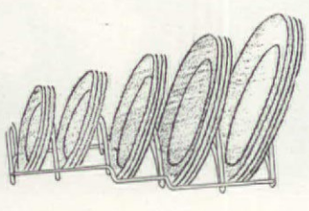
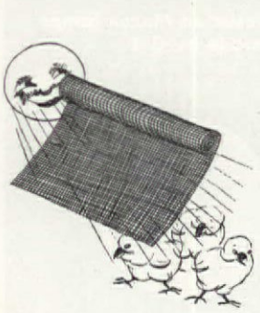
Of interest to you?

EIGHT different colors in salt shakers are afforded in the Sta-Dry salt shaker sets. A balanced weight closes the valve in the top when shaker is in an upright position. No possibility of the corrosive effect on any of the parts in any kind of weather.

Storing plates vertically takes less room than stacking and makes it easy to use *all* plates in turn. This rack is rubber covered and holds a dozen each of five sizes, all the way from butter plate to dinner size. From Lewis and Conger.

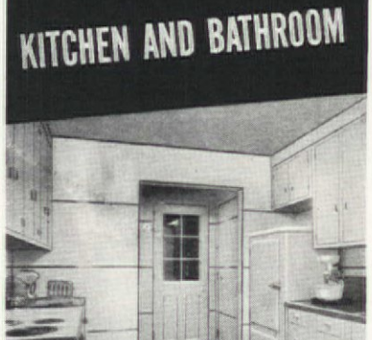


A product very interesting to home owners, gardeners, or poultry raisers is Cel-O-Glass, a transparent plastic-coated material on a wire mesh base, which admits the ultra-violet rays of the sun and filters out the infra-red rays. It is useful in making hotbeds, coldframes, and row covers in the home garden. Good also in poultry houses where there are young chicks. In homes it will be beneficial in the nursery or sunroom. It is a new du Pont product.



The Sunbeam Automatic Mixmaster with all its various attachments does all a first-grade mixer should do—beats, mixes, chops, etc. But in addition it is provided

Let MARSH Wonder Walls BRING SPRINGTIME CHARM TO YOUR KITCHEN AND BATHROOM



● Enjoy the gay, cheerful, sunny atmosphere of springtime in your home by covering your old walls with large sheets of gleaming Marlite or Marshtile . . . This can be done with so little bother and muss that you will hardly believe it possible . . . MARSH WONDER WALLS mean durable, colorful beauty and a high degree of sanitation at small cost . . . Send for illustrated folder in colors . . . free on request.

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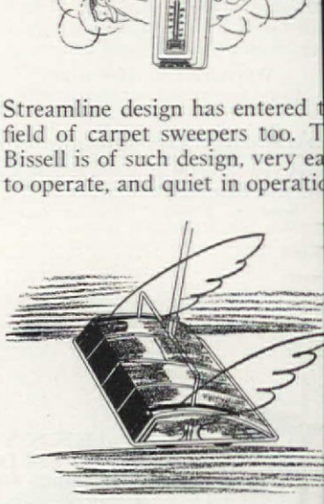
with power control at every sp —it never slows down or sta Then, too, it has a leak-proof ing system for the beater bearir

With a desire to perfect compl automatic heat control, engine have produced the Chronothe It feels temperature trends for eight times a day and makes justments before the home can come uncomfortable or danger to health. During sleeping ho the Chronotherm automatica lowers heat to a desired health temperature, and is available w week-end shut-off or with we end and adjustable holiday sh off. Its silver finish enables Chronotherm to harmonize w backgrounds. From Minneapo Honeywell Regulator Compa

Streamline design has entered field of carpet sweepers too. T Bissell is of such design, very ea to operate, and quiet in operati



Telling time in the modern ma ner is done with the Pennwo electric clock. The one illustrat is the Mercury which was creat by one of the foremost designers. combines the delicate, crean grain of Aspen with the richness impo ed Thuya Burl Walnut. dimensions are 9½" wide, 6" hig and 3¾" deep.

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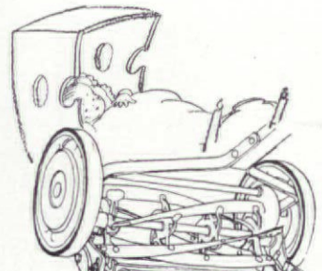
■ GUARD as sacred the radiant complexion of youth—choose your face powder carefully. You'll be delighted with the youthful effect of Mello-glo Face Powder—it is so natural, so alluring; it lasts longer, protects, soothes. A trial proves its superiority. You'll agree that it subtracts years from your face. You'll be thrilled the very first time you use Mello-glo—it's the one face powder you've longed for, so clinging, so flattering. Buy a box of Mello-glo today.

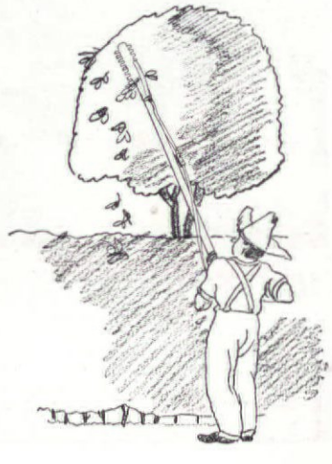
FREE . . . a generous sample of Mello-glo—also how to get a $1 bottle of exquisite perfume absolutely free. Just mail your name and address to Mello-glo Co., Dept. 116, Statler Building, Boston.

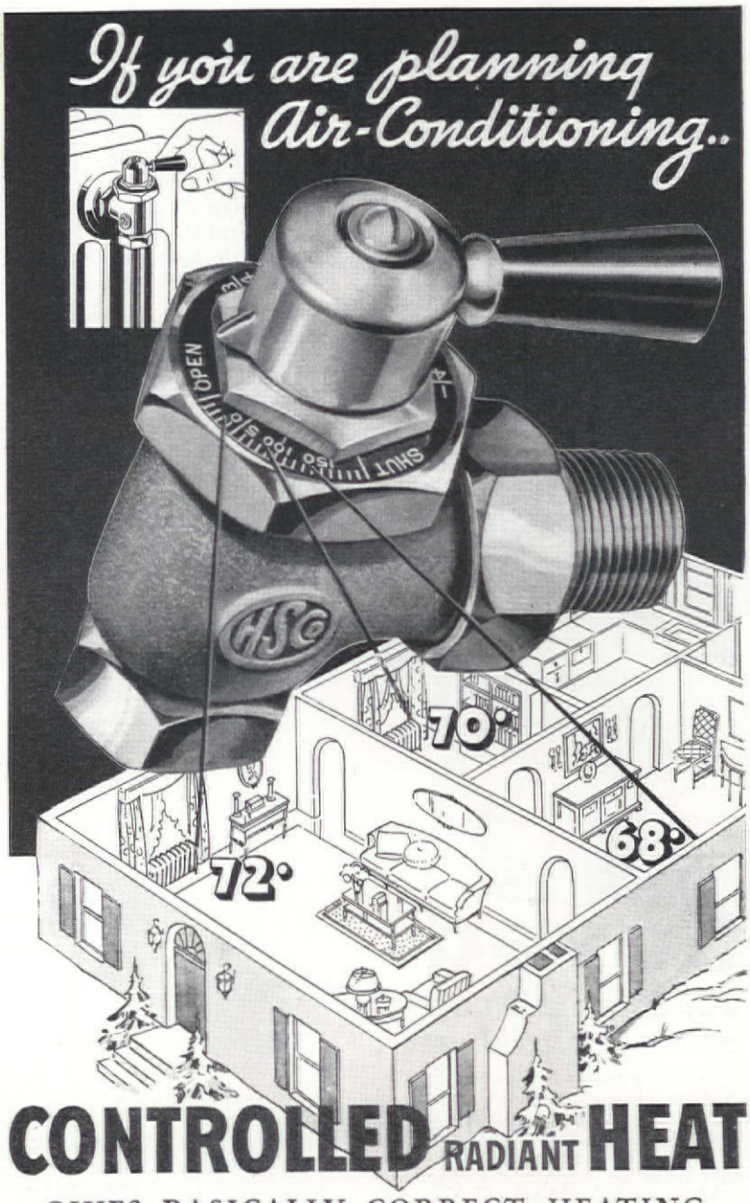
The Likwid Fertilator below converts any fertilizer into clear, rich liquid for use with sprinkling can. It is made of heavy steel; the height is three feet and capacity twelve gallons. To use—commercial fertilizer or manure is put in a compartment and water poured over it. The water filters over it slowly and produces an odorless fertilizer useful in the garden.

"Quiet-Mo" Lawn Mower, made by the Worcester Lawn Mower Company, has soft cushioned rubber treads that eliminate noise and clatter, absorb the gear noises, and deaden the ringing rasping sounds. It is so quiet that it need not even wake a napping baby, and certainly will not annoy the neighbors, if you happen to have an early morning impulse.



For tall shrubs and high hedges is this "Hedgshear" trimming tool, to keep things well under control during the summer. It will spare you all kinds of straining and stretching and be efficient besides. Syracuse Toolectric Mfg. Corp.





CONTROLLED RADIANT HEAT

GIVES BASICALLY CORRECT HEATING WITH INDIVIDUAL ROOM CONTROL

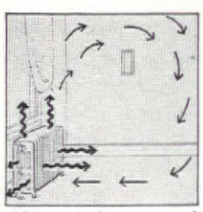
Satisfactory air conditioning, authorities agree, is about 85% dependent upon proper heating. Therefore, *radiant* heat, as furnished by radiator-equipped systems, must be considered the logical type of heat . . . *with air conditioning equipment installed as a separate unit.* For, by all standards, radiator heat provides the most satisfactory distribution of heat and is most easily controlled.

Hoffman Controlled Heat, a vapor-vacuum system, furnishes an ideal method of heating as a basis for true air conditioning. In this system the heating units are placed where they belong—*under the windows.* Thus, in-leaking cold air is thoroughly warmed before circulating through the room and there is no stratification of cold air along the floor.

When auxiliary air conditioning equipment is installed in conjunction with Hoffman Controlled Heat, the ultimate in comfort is achieved. The conditioning process is not dependent upon the heating plant and functions whether or not heat is being supplied.

In addition, this system delivers to each room as much or as little heat as desired. A finger's touch upon the lever of the Radiator Modulating Valve instantly increases or decreases the heat output of that radiator. Likewise, fuel consumption is only in proportion to the demand for heat—a notable economy feature.

Hoffman Controlled Heat equipment is adaptable to any type of steam boiler and its cost is no greater than that of any other good two-pipe system. Write today for full information. Hoffman Specialty Co., Inc., Dept. AH-4, Waterbury, Conn.



Note even distribution of warm air from radiant heating unit.

HOFFMAN CONTROLLED HEAT

Also Makers of Venting Valves and Hoffman-Economy Pumps

Saved!

. . . this half cup of extra nourishment

The liquid in this cup came from carrots cooked in Patapar. It contains carotin, minerals, and carbohydrates. All valuable elements for flavor and nourishment. This wholesome liquid is, in fact, from the heart of the vegetable.

Do you see what has happened? The carrots have been cooking in Patapar *in their own nourishment.* That gives them that indescribable fresh vegetable flavor. And, what is more, Patapar has *saved* this half cup of nourishment. It is not poured down the sink! The family is that much ahead. Here's a gift of vegetable broth—that can be used for soups, sauces and gravies.

Juices sealed in.

Try it!

Why don't you try it out tomorrow? Decide that the juices of the fresh vegetables you buy had better not be poured down the sink. You can get Patapar for 10c or 25c (recipes and instructions in every package). Or, if it's easier to get it by mail, send the coupon below.

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FOR COOKING AND HOUSEHOLD USE

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Enclosed find $_____. Please send me immediately_____packages [10c] [25c] of Patapar, including recipes and instructions.

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Right from our own kitchen

HAVE you used the new Pineapple Spears yet? They are long sections of canned unsweetened pineapple, and are delicious baked with ham or bacon and served piping hot, or used with other fruits as a garnish in iced beverages.

* * *

Here's a cookie recipe that I know will make a hit with your family. It is good to serve with tea, or wine, or iced beverages. *Maple Nut Cookies:* 4 cupfuls sifted flour, 3 teaspoonfuls baking powder, ¼ teaspoonful salt, 1 cupful butter, 1 cupful brown sugar (firmly packed), 1 cupful white sugar, 2 eggs, 2 cupfuls chopped nut meats, 1 tablespoonful maple extract. Sift flour and measure it, add baking powder and salt, and sift all together again. Cream butter and add sugar gradually. Cream together until light and fluffy. Add eggs, vanilla, and nuts. Add flour gradually, mixing well. Shape into rolls, about the size of a silver dollar, chill, slice, cut into ⅛-inch slices, and bake on ungreased cookie sheet in a hot (425°F.) oven for 5 minutes, or until done. Makes 7-8 dozen cookies.

* * *

Try these Chocolate Nut Wafers on your family and watch them sit up and take notice! *Chocolate Nut Wafers:* ½ cupful butter, 1 cupful granulated sugar, 2 eggs, 2 squares (ounces) bitter chocolate melted, 1 cupful chopped walnuts, ¼ teaspoonful salt, ¼ teaspoonful vanilla, ⅔ cupful flour. Cream butter and add sugar gradually. Then add eggs and mix thoroughly. Now add melted chocolate, nuts, salt, vanilla, and flour. Drop by teaspoonfuls one inch apart on buttered cookie sheet and bake in moderate (350°F.) oven for about 8-10 minutes or until done.

* * *

Oatmeal Crisps are a grand cookie and good for the children. Here's the recipe. *Oatmeal Crisps:* 1 egg well beaten, ½ cupful granulated sugar, 2 teaspoonfuls melted butter, 1 cupful oatmeal (uncooked), ⅓ teaspoonful salt, ¼ teaspoonful flavoring. Add sugar gradually to egg and stir in remaining ingredients. Drop mixture by teaspoonfuls, 1½ inches apart, on well-greased cookie sheet. Spread into circles with wet fork. Bake in a slow (323°F.) oven until delicately browned.

* * *

Minerals, as the word is commonly understood, do not seem much like food. Calcium in the form of marble, phosphorus in the form of phosphate fertilizers, or iron in huge pieces, do not ap to the appetite, to say the l Calcium, phosphorus, and i however, as well as some o mineral elements are indispens building materials for the hu body. Calcium and phosphorus used chiefly, by the body, to m strong bones and teeth. Iro needed especially in the blood. body must get these mate through food, and a shortag any one of them soon causes s ous trouble. But there need no a shortage, says the Bureau Home Economics. We can get minerals we need by choosing foods that provide them in form of "mineral salts," or o digestible compounds. Plants mineral substances from the s We eat plants, and also eat anim that have eaten plants. And in pl tissues which compose vegeta and fruits, and animal tiss found in meats, poultry, and f or in animal products in the fo of milk and eggs, we get those m erals in forms which we can ass ilate.

Our problem, then, is choos foods for their mineral value, j as we select them for energy, p tein, and other values. And h again, foods vary. Nearly all fo contain a trace of each import mineral, and some are rich in or more of the minerals. The fo most useful as a source of calci —milk—though rich also in ph phorus, is poor in iron. And eg rich in phosphorus and iron, ha practically all their calcium in shell. And so on through ma variations and grades in value.

The body requires more of so minerals than of others. It requi a lot of calcium, which is not ab dant in many foods, and a lot phosphorus, which is plentiful many foods. It requires only a tle iron, but that little is hard acquire because even so-call "iron-rich" foods contain very tle indeed. However, nutritioni simplify the problem somewh when they tell us that if we ma sure of the calcium and iron, t phosphorus will take care of itse because it comes in so many foo including those rich in calcium iron.

Children particularly need pl ty of calcium. A shortage of c cium or phosphorous in childre food means stunted growth. T bones either do not develop, they are weak and fragile and t child may develop rickets— wholly preventable disease whi leaves crooked bones or other d formities for life.

As both these minerals, calciu and phosphorus, are plentiful supplied by milk, more easily a economically than by other foo nutritionists recommend plenty milk in the children's diet—a qua a day at least—to make goo strong straight bones. Adults ne calcium to keep bones and teeth

Royal Chocolate Pudding is made with healthful arrowroot. It cooks in 5 minutes . . . and never lumps

You see, the base of Royal Pudding is arrowroot, a form of starch that *cooks quickly*—and digests faster than cornstarch or tapioca.

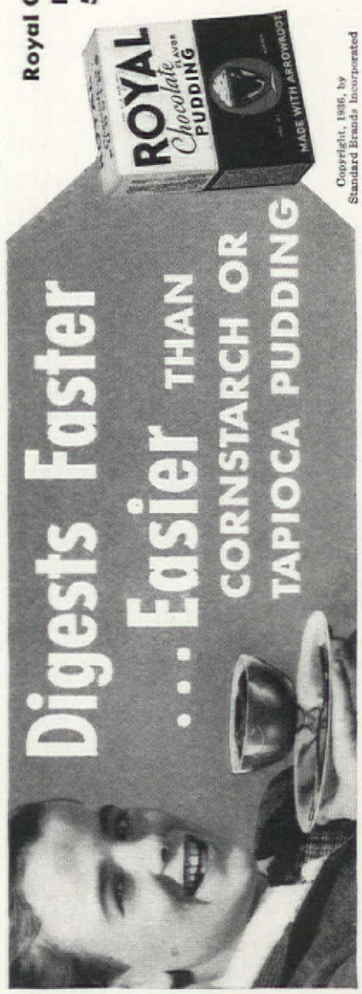
Your whole family will enjoy this delicious, creamy pudding. *Try it!*

FREE—Beautiful New Illustrated Recipe Book: Send front from Royal Pudding package with name and address, and receive "Royal Desserts and Salads." Royal Puddings, Products of Standard Brands Incorporated, 691 Washington Street, New York, Dept. R-24.

ROYAL PUDDINGS CHOCOLATE VANILLA

Why spend 20 minutes or more making chocolate pudding the old-fashioned way? Royal Pudding cooks completely in only 5 minutes—with no lumps, no raw, "starchy" taste.

And the flavor is delicious—as fine as the best homemade pudding.



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As much fun as ti-leaf chuting, in landers' opinion, is drinking DOLE awaiian Pineapple Juice. Only DOLE- own pineapples are pressed for juice. eeding nothing, nothing is added to OLE Pineapple Juice, natural and un- veetened. Swiftly vacuum-packed by the xclusive DOLE Fast-Seal System, the freshing, tropical flavor of fresh pine- pple is retained for your perfect enjoy- ent in high degree in DOLE Pineapple uice.

Hawaiian Pineapple Company, Ltd., Honolulu, Hawaii, U. S. A.— Sales Of- ces: San Francisco, California.

repair and it is hard for anybody to get enough calcium without using milk in some form—either to drink or in soups, chowders, cheese, or sauces. Vitamin D is necessary too for bone building.

So milk is at the top of the list of foods rich in calcium—and this means skim milk and buttermilk, as well as whole milk, fresh, evaporated, or dried and it means cheese also. Then come the greens—beet tops, cabbage, cauliflower, chard, collards, dandelions, kale, mustard, and turnip tops. Some of the syrups too, are good for their calcium—sorghum syrup, cane sugar syrup, and molasses.

Iron is not so easily supplied. There is no one food alone that can be depended upon to furnish the day's quota of iron. The best sources of iron among foods from animal sources are egg yolk, meats —particularly liver, brain, and heart, also lean meat of beef, veal, pork, lamb, and dark meat of poultry, oysters, and shrimps. In the vegetable kingdom, the best foods for iron are the green leaves, particularly turnip and beet tops, dandelion and mustard greens, watercress, spinach, kale, and broccoli leaves; dried fruits, particularly apricots, peaches, currants, dates, figs, prunes, and raisins; whole grain flours or cereals, particularly whole wheat, barley, rye, and oats; molasses, sorghum syrup, and sugar cane syrup; beans and peas of all kinds, fresh or dried; and nuts, particularly almonds and hazelnuts, also walnuts, pecans, and hickory nuts.

Each of these various types of food contains a little iron—but it takes several "iron-rich" foods to furnish a day's supply, for there must be plenty of iron in the diet to furnish good red blood.

Phosphorus is found in many foods. Particularly rich in phosphorus are milk and cheese, eggs, meat, fish, oysters, lobster, shrimp, clams, beans and peas, whole grains, cornmeal, and some of the greens—in fact so many different kinds of foods that we are almost sure to get enough phosphorus.

* * *

Bates Rubber Sponge Company has just put out two more very good articles—Dish Washer, and Handy Cleaner. The dish washer fits into milk bottles, fruit jars, cups, deep glasses and so on. Double-spring handle forms tongs for lifting dishes from hot water. The Handy Cleaner erases smudges, dirt, and dust from garments, gloves and white shoes. Removes lint from velvet and other materials, and also has other uses such as cleaning utensils, removing fingermarks from furniture and woodwork. These two articles can be found in almost any department store.—ELSA MANGOLD, Dietitian American Home Kitchen.

Chesapeake Pudding

Royal's Surprise Recipe for April

● Want something new to surprise the family? Something special for a "company" meal? Have Chesapeake Pudding—light as a feather and topped with sausages of crispy brownness.

But put a "No admittance" sign on your kitchen door while baking this exciting dish. The aroma from the oven is so tantalizing—your pudding may disappear before it reaches the dining room.

This delicious new Royal Baking Powder recipe is a boon to feeble budgets. Note how inexpensively it solves your main-dish problem.

Chesapeake Pudding

1½ cups flour	½ teaspoon salt
3 teaspoons Royal Baking Powder	1 tablespoon shortening
	½ pint oysters
	8 small pork sausages

Sift together the flour, baking powder and salt; add shortening and mix in thoroughly with a fork. Add the oysters, drained from juice and chopped, together with 6 tablespoons oyster juice (or part milk, if necessary). Spread in greased shallow pan. Prick sausages and place them on top. Bake in hot oven at 475° F. until sausages are done. Serves 8.

Make your Chesapeake Pudding with Royal Baking Powder if you want delicate lightness, melting tenderness and easy digestibility. Royal, you know, is not like other baking powders. It's made with Cream of Tartar, a natural fruit product derived from luscious grapes.

FREE—NEW COOK BOOK! Write to: Royal Baking Powder, Product of Standard Brands Inc., 691 Washington St., New York, Dept. 84

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Broken Furniture easy to fix with Plastic Wood

Now . . . anyone can repair quickly and expertly — **broken furniture, loose drawer-pulls, casters and bathroom fixtures, cracks in floors, around baseboards, etc.** — with Plastic Wood—that handles like putty and hardens into lasting wood. You can paint it, carve it—it adheres firmly to wood, metal, plaster — holds nails and screws. You'll say Plastic Wood is wonderful — paint, hardware stores sell 25c tubes and 35c cans.

"To keep your sweeper running easily and quietly, we highly recommend the occasional application of a drop or two of a good, non-gumming oil like 3-in-One to the bearing parts after a good cleaning."
BISSELL CARPET SWEEPER CO.
Grand Rapids, Mich.

3-IN-ONE OIL is a combination of three oils, specially-blended to clean, lubricate and prevent rust. Saves repairs on all home devices. Always keep it handy.

3-IN-ONE OIL

BETTER... *than the Old Oaken Bucket*

• Can't you recall the deliciousness of water from some long-remembered well . . . water that seemed so clear, and pure, and soft its memory lingers?

Such water rarely occurs naturally. Most water, even if clean and bacteriologically safe, has hardness or some chemical content to spoil its taste. But no matter what your water supply may be, it can be conditioned . . . freed of all offending impurities. A simple Permutit Water Conditioning installation, attached to your household water supply, will give you delicious soft water throughout the house.

And conditioned water isn't only better for drinking...foods cooked in it taste better. It gets things cleaner with less soap and less scrubbing . . . makes clothes last longer. It's better for your skin and hair. So much luxury sounds expensive. But it really isn't. A Permutit installation will actually save enough to meet the payments under the FHA plan. Let us show you how. Write for free booklet.

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Please send me copy of free booklet, "The Magic of Wonder-Soft Water."

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Dollar ideas

[*Continued from page 89*]

If Pie Doesn't "Like" You

When you want to get a pumpkin, lemon, or custard pie baked and ready to serve in a hurry, instead of spending extra time making a crust, butter your pie pan thoroughly, sift in some cornmeal, shake the pan until a good coating of the cornmeal sticks to the pan, pour in your filling and bake. For those who enjoy pie but cannot eat too much rich pastry, this is not only economical and quick, but more healthful as well. Mrs. D. H. Cook, Twin Falls, Idaho.

For Variety

For variety, and a delicious flavor, add boiled diced celery to macaroni and cheese, before baking. A tablespoonful of vinegar, and a few whole cloves add a delicate flavor to vegetable soup. Miss Pauline Lentz, Salisbury, N. C.

Filled Cookies From Accidents

When you fill the muffin pans too full of cake dough, so that your muffins have big flat pancaky tops baked on them, don't bemoan their spoiled appearance. Take them from the oven, and while they are hot, with a sharp knife slice off these offending pancaky overflows. When cool, put them together with icing or fruit filling, with the browned tops outside, and serve your family filled cookies. Mrs. Van Reisman, Oskaloosa, Ia.

Which is the Freshest

How to distinguish your freshest milk in refrigerator. Keep several rubber fruit jar rings near your refrigerator. Each morning slip one ring over your fresh bottle of milk. If you have an unused bottle from the day before slip two rings over the neck of the bottle. In that way you can easily keep your milk separated. Loretta A. McCarthy, Newark, Ohio.

Fruit Cocktails

In making a fruit cocktail, put canned grapefruit into the mixing bowl first. It will keep other fruits such as apples, pears, and bananas from turning dark as the juice forms a protective coating. Mrs. John C. Fritschler, Superior, Wisc.

Wake Without a Care

● You need not lose your priceless YOUTHFULNESS. You can enjoy utterly refreshing sleep which will keep you young and radiant.

Never before has any mattress contributed so much comfort, or been so beautiful or enduring.

Try it. See for yourself why its many extraordinary comfort features, which no other mattress can give you, have made Spring-Air the choice of the greatest hotels and institutions in America.

Made in the Inner-spring style or the Easy-to-Handle Sleep Cushion type. Either Tufted or Tuftless. Box Spring to match.

GENUINE KARR SPRING CONSTRUCTION Fully GUARANTEED

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A vital part of the Spring-Air mattress is its KARR Spring Construction — famous for its endurance—noiseless, elastic, conforming perfectly to your body. Ask for your Karr Construction GUARANTEE when you purchase. It is the strongest guarantee on any mattress.

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Spring-Air product standards are specified and, through inspection, maintained by the licensor, Charles Karr Company, Holland, Michigan, manufacturer of the spring elements used in completed Spring-Air products.

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Send FOR THIS BROCHURE telling how to have a faultless FIREPLACE that *really* heats, ends annoying cold drafts and *will not smoke*. Before *you* invest in a fireplace — learn the facts and avoid failure. Write BENNETT FIREPLACE CORP. 38 Wall St., Norwich, N. Y.

Pudding Molds

Pour the batter for steam pudding into jelly glasses to as individual molds. Fill th fourths full. Cover with the lids or with waxed paper faste down well. The steam of cook must not get inside the mold. F ter in the usual sized jelly glass cook thoroughly with thirty m utes' steaming. Miss Hester Ruby, Pomona, Kansas.

Spiced Pie Crust

Many people leave pie crust their plates, considering it ta less. I have found that every cru goes if I put spices, and someti coloring in my pie crust dough cream pie in a delicately colo pink crust looks and is good. M Luella Warner, Prophetsto Illinois.

Handy Sweetening

A jar of simple syrup, made boiling granulated sugar and wa for a minute or two, kept in the frigerator is very helpful in swe ening fresh pineapple, fruit sal or diluting chocolate syrup, Mrs. C. Crabill Warren, A Ohio.

Cake on Short Notice

I measure, sift, and mix all d ingredients of my favorite cak etc., and place them in separa labeled containers on my supp shelf. When I want a cake in hurry all I have to do is add liquid and bake. Several reci may be measured out at one ti thus eliminating washing uten a number of times and cleani up the kitchen mess every time bake. I paste the recipe right the container so it is all there gether. This surely is a time sav Miss I. L. Stewart, Whiting, I

Sides First!

Try icing the sides of your ca first; then the top. This insures smooth top, and permits you use any extra on the top. Mrs. M. Postlewait, Decatur, Ill.

Preventing Dumplings from Sticking to Spoon

When forming dumplings, d spoon in cold water each time ju before dipping spoon in dumpli mixture and the dumplings w drop easily. Mrs. Howard H. Ric Jr., Philadelphia, Pa.

Pie Baking for Small Families

To avoid having left-over p in the small family, make indivi

[*Please turn to page 9*

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Curtains for curtailed budgets

MILLICENT H. BRITTON

Most of us have more or less expensive ideas on the subject of interior decoration, but too many of us cannot afford to put our ideas into effect.

Take curtains, for example. Draperies are one of the most important items of decoration in any room. Light comes from the windows and attention is naturally drawn to light. Therefore, dress your windows so that they will bear inspection proudly.

"But" says you, "good looking draperies are expensive." Some of them are, to be true, but they need not be. If you can use chintz draperies, they may be yours at very little cost. Chintz drapes are cheerful and bright and will blend with almost any type of room. Department stores have many pairs of chintz draperies at a very low price. With a little thought, they can be made into lovely things.

Pleated chintz ruffling may be purchased for a few cents per yard. That, with the welting which may be bought the same way, will remake them into "things of beauty and a joy to behold."

Select the curtain with the proper colored background, choose pleated ruffling about 2" wide, of the predominating color, and welting of a contrasting color. Sew the welting to the edge of the curtain, then the ruffling.

You can finish the job nicely by making a valance of a strip of bias edging about 1½" wide (which may also be purchased finished and folded) in the color of the ruffling, sew a row of welting and a row of ruffle to each edge of it, slip it over the outside curtain rod so that it will cover the top of your draperies, and you will have a ten dollar pair of draperies at a cost of between three and five dollars. Make the tie-backs of one row of welting sewed to one of ruffle.

Floor length draperies give length to your windows. If you prefer straight drop curtains to the tie-back variety, substitute bias edging of whatever width you prefer, for the ruffling, and use either a narrow strip of contrasting bias between the curtain and the edging, or a piece of contrasting welting.

Incidentally, monk's cloth makes stunning draperies. In this case, the edges may be trimmed with contrasting material, ball fringe, or simply by fringing the edges. As the material is thick and heavy, it is more satisfactory to hang them by wooden rings and a curtain pole.

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They that cover the earth

Practical uses of mulches

ROBERT ROSS

WEEDS, weeds, weeds! They surely are a gardener's headache. And somewhere, it is said: that they diminish in number each year if they are not allowed to go to seed. No matter, the only time I have felt like a conqueror of the enemy is through a cagey use of mulches and that method of attack seems to smother weeds before they even establish their strongholds. The common dust mulch keeps me in the fray all the while and if weeds have one characteristic it is persistence and of a quality much greater than my determination, so I have consequently sought about for other means of defense and discovered; well, let's see, sawdust, strawy manure, also living mulches —these are the big guns.

The Chinese and the Japanese practice mulching and they are among the oldest gardeners in the world. Their ideas of using rice straw, cover crops, and even what might be termed a water-mulch over rice paddies are tried, proven, and successful. Our farmers or rather orchardists still are discussing, pro and con, the sod and hay mulch as against a dust mulch; yet each side seems to obtain fine fruit as a result, each using his pet method as a means, and then, Mother Nature, the best teacher of all, has always used natural mulches of leaves, needles, and plants themselves, and to rare advantage. And the home gardener can, if he will, accept some of these methods and benefit in more ways than one.

The common practice is what is called the dust mulch. By regularly stirring the surface of the soil, weeds do not have a chance to establish themselves; soil-moisture in the lower regions is retained; and yet water and nutriments can penetrate and the soil be more capable of sustaining the desired plant life. On the other hand mulches accomplish all these things but the biggest advantage is in labor saving. The time usually spent in cultivation can be easily put to other tasks, for weed seeds do not readily germinate in proper mulch material. As far as soil-moisture is concerned it will be found that even in extremely dry weather the soil is cool and moist under the mulch. If handled properly, all mulches eventually add humus to the soil which is a real advantage in every way. There is another point well worth mentioning and it regards clay soil. Every gardener learns that clayey soil must be lightened with sand and also must have drainage. Clay loam in itself is all right, the trouble is it is handled badly for the minute you expose clay to the sun and weather bakes, becomes hard, soggy, in ways a difficult medium. Bu and these are facts from obser tions—under a mulch clay soil entirely different. The mulch a as a thermostat, so to speak, a regulates the effects of sun and ra As a result the soil is usually mo fairly friable, and can maint appropriate plant life. All this true providing there is some s face drainage but that is not impossiblity in the average gard

Mulch materials are many a various as will be understood the accompanying table mulches. There is at least one m terial for each and every pu pose; some expensive and so can be had for the labor of ga ering. The French use straw manure among both flowers a vegetables and the plants havi a supply of liquid manure wi every rain do not waste a gre deal of time, they are so healt and vigorous, in completely co ering over the mulch materi Still unsightliness is apt to be t cry against the practice. The usu leaf mulch among Rhododendro is unsightly and messy but sa dust or peat moss are very ne in appearance. Yet in the wi garden, leaves are much in kee ing, perhaps adding to the gard in certain respects. So you see yo can choose a mulch which do fit its purpose both from the ae thetic as well as the economi aspects.

My neighbor, a farmer, uses mulch of straw with his own su ply of potatoes in a unique wa and has as a result more time fo his other work and chores. Th potatoes are cut and distribute along the hoed rows. A six-inc covering of straw is used as mulch. Directly he seems to fo get all about those potatoes ex cept I do see him occasionall giving them a going over for bug They break through the straw an look fine and when ripe naturall turn brown. No back-breakin task of digging for the boys fo friend farmer simply removes th straw and picks his potatoes. Thi might work with Tulips or Gladi olus; it's worth a try anyway with a few bulbs first. The fiel of experimentation with mulche is really promising.

In new gardens where soil im provements are bound to be part of the procedure, mulche serve their double purpose well In old or established garden there is always the way to save o the important task, maintenance

Table of Mulches

MULCH	PURPOSES	REMARKS
Leaves	Shrub beds—Wild garden plantings	Can be turned under in early fall before a new supply is added, supplying humus. Best in wind-protected spots.
Straw	Flower and vegetable Gardens	Cover ⅜ inches thick. Gives winter protection and if spaded into soil adds humus to the land.
Strawy manure	General. Shrub beds. Flower gardens. Vegetables. New plantings or old which need nourishment	Best applied in spring ¾ inches thick, but be sure plants are well up and free-standing. A real soil improver and excellent for winter protection.
Grass clippings	Deciduous Hedges	Better if left to mulch the lawn itself. Use a covering 1" thick.
Stone chips	Rock Gardens	Cracked stone (¼" or ½") moisture retainer, mainly. Use a one inch covering.
Mulch paper	Cutting Gardens. Vegetable gardens	Comes in rolls 18 or 36 inches wide with special instructions.
Peat moss	Ericaceous plantations	Should be well broken up from bale and cover the surface at least one inch thick after settling.
Hemlock needles	Ericaceous plantings and evergreen hedges	Need never be touched. Use a mulch 1 to 2 inches in thickness.
Sawdust	Rhododendron and Laurel plantings especially	Best to wet this mulch with hose after application, otherwise it is apt to blow away. Permanent after established. 1 to 2 inches thick.
Pine needles	Wild gardens, evergreen plantations, and hedges	Excellent for wild flowers requiring acid soil conditions. Need never be touched. Cover beds with 2 or 3 inches.
Living mulches	Established shrub beds. Hedges. Garden spots. Among young evergreens and new plantations	Euonymus, in variety English Ivy Periwinkle Honeysuckle Rose wichuraiana Pachysandra Ajuga reptans Phlox subulata Snow-in-summer Bedding Petunias California Poppy Sweet Alyssum Sedum, in variety Native Ferns

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Menu Terms

man Fried Potatoes—Cooked otatoes cut in round slices and ied in deep fat.
yère—Swiss type of cheese ade in France and Switzernd.
h Brown Potatoes—Boiled, opped fine, seasoned, packed rmly in a greased pan to the epth of about one inch, folded brown, in a cake, on both des.
d Cheese — Jellied, spiced, ressed meat from pigs' heads.
linière—Diced, spicy vegetales.
ked Beef—Thin long strips of eef, air dried.
enne Potatoes—Cut in long ices, thinner than for French ies and served very crisp.
enne Soup—Clear soup with opped vegetables.
enne Vegetables—Cut in long, in slices.
ppered Herring — Dried or moked herring.
rding—Strips of salt pork inerted into meat.
tice Potatoes—Deep fat fried, hin slices of raw potato perorated to resemble lattice work.
gume—Usually refers to such ried foods as beans, peas, and entils.
derkranz Cheese—Soft, rich amembert type.
mburger Cheese—Soft, rich, dorous cheese originally made n Belgium.
onnaise Potatoes—Sautéed with slices of onion.
acedoine—Mixture, usually of fruit or vegetables.
aître D'Hôtel—Yellow sauce. Butter, lemon juice, parsley, egg yolks, seasoning.
aître D'Hôtel Butter—Mixture of lemon juice, butter, parsley, salt, and pepper.
até—South American tea.
inute Steak—Sirloin steak without the bone.
uenster — Semi-hard, German, loaf cheese.
apoleons — Pastry strips with raspberry jam, cream filling, and frosting.
eapolitan Ice Cream—Bricks in three kinds and colors of layers.
esselrode—A frozen pudding of chestnuts, fruit, and cream.
eufchatel—Pasty, smooth, mild rich French and American cheese.
'Brien Potatoes—Cooked, cut in dice and fried with green peppers.
arisienne Potatoes — Small rounds, cut with scoop. Browned.
armesan—Hard, sharp cheese, grated for soups, etc.
ersillade (Parsley) Potatoes—Cooked potato balls melted butter poured over, sprinkled with chopped parsley.
Petite Marmite—A strong consommé with beef, chicken, and vegetables.
Petit Fours—Small cakes.
Pièce de Résistance—Main dish.
Porterhouse Steak—Taken from the loins. Has the largest portion of tenderloin.
Port du Salut Cheese—Semi-hard rubbery cheese from France and Quebec.
Pot Pourrie—Mixture of highly seasoned meat.
Praline—Southern candy of pecans, maple sugar or syrup and cream.
Prime Ribs—Forequarter of beef. Last six ribs.
Primula—Goats' milk cheese from Norway.
Purée—Pulp or paste of vegetables or fruit. Thick soup.
Ravioli—Italian baked main dish of flour, eggs, cheese, chicken stock, spinach, calf's brains and tomato sauce.
Riced Potatoes—Boiled and put through a ricer.
Rissole Potatoes—Cut into shape of large nut, with scoop, and browned.
Roe—Fish eggs.
Roquefort Cheese — Semi-hard, white crumbly, streaked with green mold—France and U. S.
Round Steak—Steak from top of hind leg.
Saccharin—Coal tar substitute for sugar.
Salisbury Steak—Chopped beef, cream or milk, bread crumbs, seasonings, formed into steaks and fried or broiled.
Saratoga Potatoes — Deep fat fried thin slices of raw potato.
Scalloped Potatoes—Thin slices of raw potato, baked in cream en casserole.
Scrapple—Meat from hogshead, corn meal, buckwheat flour, and herbs.
Scrod—Young cod.
Shoe String Potatoes — Like French fried, but cut very thin.
Sirloin—Hindquarters of beef, first rib of quarter to hip, or rump.
Sizzling Steak—Steak served on aluminum platter which has been heated so that steak and juices sizzle.
Spumoni—Italian ice cream.
Spare Ribs—Hindquarter of pork, middle under loin and above.
Squab—Young pigeon.
Stilton—English semi-hard white, blue streaks, spicy cheese.
Suzette Potato—Baked on half shell with whole egg and crumbs.
Swiss Steak—Pounded top or bottom round or shoulder pieces. Simmered slowly or cooked in casserole in oven.
Tabasco—Red pepper sauce.
Table d'Hôtel—Fixed price meal.
T-Bone Steak—Like porterhouse, but smaller.
Tenderloin—Hindquarters of beef, inside sirloin.

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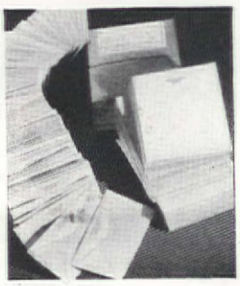

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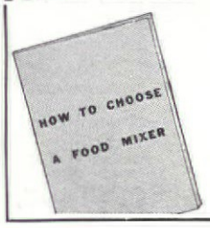

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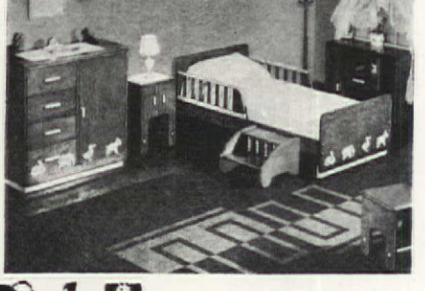

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Some tips for Mrs. Fixit

[*Continued from page 44*]

black insulating paper and see if each of the two screws inside has a bundle of wires hooked around. If one of the bundles is loose or burned away, that is the cause of the trouble.

To fix it, just unscrew the screws and pull out the cord. Then scrape away about an inch of the insulation and covering from each cable, and twist tightly the fine wires that comprise the cable. Then draw the cord back through the hole in the plug and bend one cable around one screw, and the other cable around the other screw. It doesn't make any difference which wire goes to which screw. Fasten the screws tightly being sure no fine wires dangle around loose. Replace the insulating paper and that's all there is to it.

Sometimes the flat plug at the other end of the cord—the end that attaches to the appliance—is at fault. It can be taken apart by unscrewing the screw in the side of the plug, and the wires fixed the same way.

Another electrical job that often needs attention is replacing burned out fuses in the fuse box—usually located in the basement. It is wise to have a supply of extra fuses on hand. They can be purchased for very little at any hardware store and kept in a handy spot.

Usually you can tell which fuse is burned out by the cloudiness or cracks in the little glass window on the fuse plug. Just unscrew the offending plug—it isn't any more dangerous than unscrewing a light bulb—and put in a new one.

Sometimes you can't tell, though, which fuse has come to grief. In that case you will have to try them all out—in the same manner as you find out which light has gone on a Christmas tree strand. In any event, it is wise to have the fuses in the box labeled according to the circuits they control so that when a short occurs you immediately know which circuit is not working.

Windows that refuse to open are an aggravating nuisance. If they are the kind that slide up and down the trouble usually is that the varnish on the upper sill where the lock is has caused the two panes to stick together. Just insert a screwdriver into the lock and pry the two panes apart. Don't try hammering the frame. It doesn't help and only loosens the putty from the glass. If the window squeaks and jerks instead of going up smoothly, rub some soap along the groove on either side.

The soap trick can also be used on drawers that refuse to open easily. Damp weather sometimes causes the wood to swell and sti but if you rub soap along the un edges of the drawer, the difficu will vanish.

Every now and then a doorkn will get to the point where it w not work the latch when you tu it. If you look at it carefully y will find a screw just back of t handle and you will probably d cover that this screw has beco loose. If the handle is not screw on tightly, you can't expect t latch to turn when you turn t knob. The remedy: a few twi with a screwdriver.

Sometimes the latch itself l comes lazy and doesn't snap c and back the way it should. Try drop of oil and work it in by tur ing the knob back and forth. this doesn't remedy the troub something is wrong inside the lo and calls for expert aid.

Window shades that jump ba up when you pull them down a another case for Mrs. Fixit. Ta the shade down and look at t ends of the roller. One end is pla with just a little knob sticking ou The other end has a ratchet a paratus that catches and holds t curtain when you let go. Som times, if the curtain is frayed a worn along the edge, threads w wind around the rachet and pr vent it from catching. Sometime especially in kitchens, grease a dust will clog it up. In either cas cleaning that end will solve th trouble. If, however, the rachet the spring inside the roll is broke you will have to call in an ad vanced fixer or get a new roll.

There are faucets and fauce but most of them work on the sam general principles, and most them leak at some time or anothe If you think you're equal to th task—and it isn't very difficul really—first turn off the water i the basement. Then with a wrenc unscrew the cap just below th handle of the faucet. Lift out th handle and down in the faucet pa you will see a rubber ball washe attached to a screw. The washe has worn out and permits the wate to leak through and dribble int the sink. Take the old washer o the screw and put on a new one, then replace the handle an screw the cap back tight. Of course different type and size faucets de mand different type and size wash ers. Once you know the kind you faucet takes, keep a supply of them handy.

Don't try to tack down buckling linoleum. Press the linoleum flat on the floor at the nearest seam or raw edge to the buckle and then pai off a thin slice from the edge with a sharp knife. A sixteenth of an inch is often enough to make it lie flat again.

If you attend to a stopped-up sink before it becomes too bad you can usually clean it out without calling in a plumber. There are a number of preparations on the

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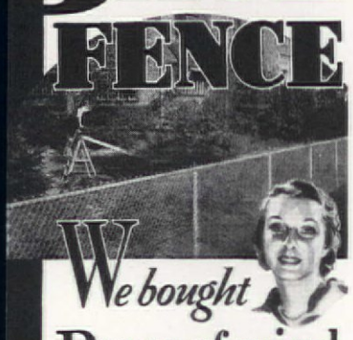

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PROTECTIVE BOUNDARIES

market that you can pour down and that will eat out the accumulation of grease and dirt. After you have permitted the preparation to stand in the drain for a little while, run some hot water into the sink and then work a plunger up and down over the drain. The vacuum thus created will usually dislodge any obstacle.

To mend window screens, take a piece of wire screening several inches larger than the hole and ravel the wires on all four sides until you have a wire fringe about a half inch wide. Then bend these wires up at right angles. Place the patch over the hole, letting the wire fringe stick through to the other side of the screen. Then put the whole screen on some flat, hard surface and pound the wire fringe flat with a hammer. This holds the patch firmly in place and makes a neat and not too-conspicuous mend.

One final bit of advice: if you haven't one already, get a small sturdy stepladder; and if you have one, then use it. Don't try to reach the top of a window or any other high place by putting a box on a chair. There are more household accidents caused by women falling from rickety tables, makeshift ladders, or some such unstable support than by anything else. A strong stepstool or stepladder is a wise investment.

Dollar ideas

[*Continued from page 94*]

ual pie shells on the backs of the muffin tins. The trouble is very little more if you find a large round cooky cutter that will cut the dough of exactly the right size to drop around each mold. A dozen or more can be made at one time and fillings of various kinds added just before they are served, topping them with whipped cream, chopped nuts, browned coconut, or meringue. This idea is particularly useful when members of the family are divided as to favorites in pie. MRS. A. L. NASLUND, Faith, So. Dakota.

Vinegar Has Many Uses

Vinegar has many kitchen uses other than that of seasoning food, some of which are as follows:

1. Wilted vegetables soaked in cold water to which vinegar has been added soon regain their former crispness.

2. A cupful of vinegar added to water in which salt fish is soaking will draw out much of the salt.

3. Round cheese wrapped in a cloth that has been thoroughly

[*Please turn to page 100*]

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Dollar Ideas

[Continued from page 99]

dampened in vinegar will retain freshness and flavor longer.

4. Very hot, strong vinegar will remove paint from glass.

5. Keep a glass of vinegar at your sink and rinse your hands in it after having them in strong suds. It is more convenient than hand lotion for kitchen use, because it can be applied more quickly and it does not leave the hands sticky. It is also cheaper and just as effective. Mrs. H. C. Cameron, Colby, Kansas.

Instead of Cracker Crumbs

Corn flakes or crackles may be rolled fine and used in place of cracker crumbs when frying fi salmon croquettes, etc., and w add to the flavor of same. M G. E. Hedges, Auburn, N. Y.

To Prepare Oranges

Pour boiling water on oran and let stand five minutes. T will make the white lining co away from the skin and they w be easier to prepare. Hazel Eva Hauser, Cedar Rapids, Iowa.

The Secret of His Fame

A Southern restaurant keep noted for the rolls that he serv

[Please turn to page 10

In landscaping your home consider simplicity and natural effects

[Continued from page 62]

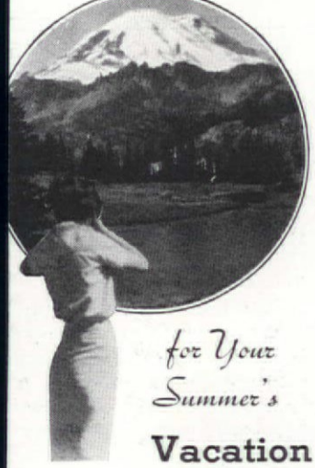
wood add to the appearance of the scheme as a whole.

Native material may or may not make up the entire planting plan, depending upon the style of the design, and the choice of the owner. A very attractive and unusual effect can be secured, however, by eliminating trees and shrubs having highly colored foliage. A planting which conforms to the ordinary country landscape is bound to be consistent, at least, and many interesting and beautiful combinations can be made with native material. These often promote a keener appreciation for similar situations which are common to everyday life. Birds appear more at home in such surroundings and the whole atmosphere is one of contentment and restfulness.

The maximum use and enjo ment can be obtained from a d velopment of this type by gradual decentralizing of the livi quarters from the house to t garden. Rather substantial t houses may be constructed near t house, yet occupying logical loc tions in the landscape desig so as to combine properly. The may take the place of shelter porches or terraces which othe wise would be a part of the ma structure. Shelters of a more sim ple nature may be placed b yond the tea house, the entire d sign terminating in a large pool similar feature. A long vist through the formal garden treate in this manner brings out the po sibilities of use as well as appea ance.

A phase of natural beauty which could not be otherwise realized is emphasized by the formal constructions

Look West



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A home built around little comforts

[*Continued from page 31*]

that go into a house is the finish hardware. I was pleased to discover that good reproduction wrought iron hardware could be had without having it made by hand. The HL and butterfly hinges, and similar pieces, make all the difference between a true reproduction and an imitation of a Cape Cod house.

The one thing which merits the most complete study in any house, and which usually gets too little, is lighting. This subject is now a special profession commercially, and well might a lighting engineer be called in on a house. Were it not for the fact that lighting fixtures can be made interesting in themselves, I would prefer to have all lighting concealed. But we found a maker of fixtures with some good ideas, and together with the architect, we had the principal fixtures made specially, at so little additional cost that I wonder how the manufacturers sell stock lights. As previously mentioned, we did not use a riding light at the front entrance, but a big square station lamp with a bull's eye reflector, set on a wooden bracket. In the first and second floor halls are the only ceiling fixtures. The former is a brass telltale compass card, correctly oriented. The drawing of this, of course, appears to have east and west reversed, until you hold it up to the ceiling. The latter fixture is a very realistic star fish. The dining room lights are wall brackets made of pewter trays, with candles before them. To get enough light and avoid the glare of exposed bulbs, shields were contrived, which are easily made from scallop shells about 5½ inches in diameter. They combine utility, ornamental and nautical flavor to perfection. The study has two salty fixtures: one a plain brass cabin lamp, swung in gimbals to keep it upright in any weather. The marine lamp manufacturers are now putting these out wired for standard current, and they give a thoroughly genuine note to marine reproductions. The other light, over the drafting table, was made by removing the clapper from a ship's bell, wiring it and hanging it from the ceiling by a four-strand rope spliced into rings at each end, with the wire concealed in the core of the rope.

These are just a few of the things that make our house interesting to us where it might have been simply a place to hang the old fedora. And best of all, there is no end to the possibilities that can be found in a house to improve upon the little things that count.

"My new Bissell cleans beautifully! You see—it's the *only* sweeper with real Hi-Lo brush control that automatically adjusts the brush to high or low rug-nap. *That's* why it cleans so much better! No catch-penny gadgets—but a *real* sweeper! A *better-built* sweeper—and better looking! Take a look at some of the new models!"

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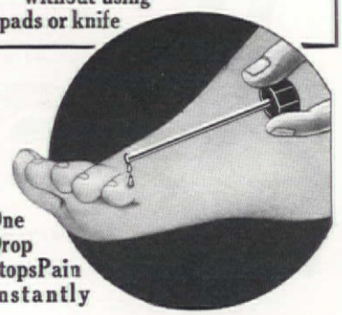
HOW TO GET RID OF CORNS

—without using pads or knife



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confided to me that the reason his rolls were superior in flavor to those served by other good houses, was that he baked his in covered aluminum pans, preferring those shaped like a Dutch oven. And that he always buttered the crusts a few minutes before the rolls were ready to remove from the oven. MRS. M. H. SAMMUT, Washington, D. C.

A Surprise for Children

A drop or two of vegetable coloring added to heavy cream as it is being whipped always proves a delightful surprise for the children's dessert and is a great help in carrying out your color scheme for the bridge luncheon. MRS. ROGER LINCOLN FOSTER, Oxford, Massachusetts.

New Test for Old Recipes

Dry orange peels until brittle and run them through the food chopper. Discard all the hard pieces by sifting and use the orange flour for flavoring. In conjunction with cinnamon, squash, pumpkin, and apple pies take on a delicious flavor. It can be used in fruit salad dressing, custards, ice cream, puddings, and elsewhere, where an orange flavor is desired. LINA R. DEMING, West Brookfield, Mass.

Creamy Choclate Fudge

If you wish your chocolate fudge to be of smooth and creamy texture, mix well the chocolate, sugar, and milk and let stand for about three hours before putting on the stove. Evaporated milk will add richness to the candy. MARTHA BONNETT, Talladega, Ala.

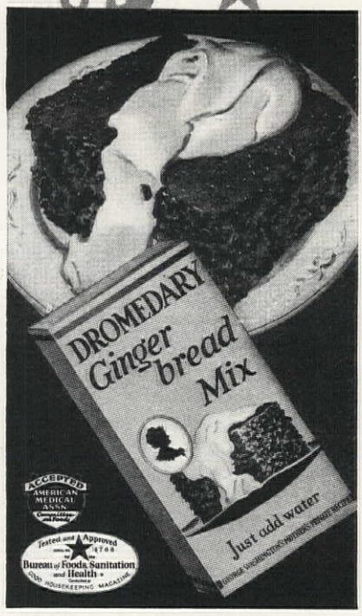
Cheese in White Sauce

One tablespoonful of grated cheese added to each cupful of white sauce before serving will give it the rich consistency of a cream sauce, made with real cream. If all small ends of cheese are grated and kept on hand, this uses them to advantage, and makes a sauce that is delicious as well as more economical than those in which real cream, top milk, or much butter is used. JULIA L. SAUER, Rochester, N. Y.

Pins Where You Want Them

Wrap a heavy piece of flannel or felt around the arm of your sewing machine, just above the presser-foot, to stick your pins into while sewing. This way, the pins are always right there handy and when taking them out of the material it is a quicker and much handier place to put them. MRS. H. H. BRUNELL, Alamogordo, N. Mex.

George Washington's favorite Gingerbread



made from his own mother's private recipe

By special permission of the Daughters of the American Revolution, Dromedary Gingerbread Mix is based on the 200-year-old recipe of Washington's mother. It is no trouble at all to make. Just add water and bake. We guarantee the most delicious gingerbread you ever tasted—or money back. So tell your grocer to send you some. P. S.—How would you like to own the *"Favorite Recipes of Washington's Mother"*? Just write us for a free copy. The Hills Brothers Company, 110 Washington St., New York City. Address Dept. 20.

New furniture has many ways with i

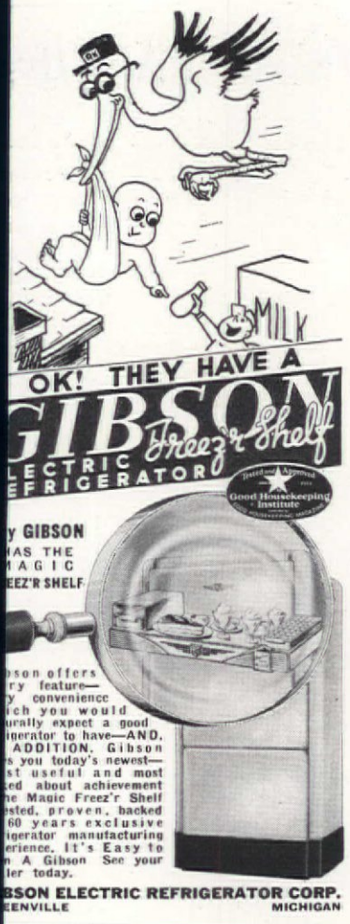
[*Continued from page 28*]

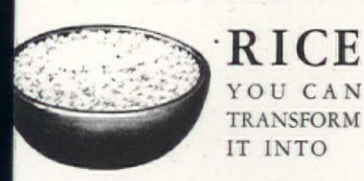
There are also many light-to woods in modern furniture; ha wood, with its fine silvery quali acacia, bleached maple cherry a the like, which can be classified "blonde" woods, elm, which is v light, and others similar. Th woods, of course, are best set against dark walls, brown, da green, or dark bright blue.

Upholstered furniture in modern group is full of intere Probably the most dramatic it is the so-called sectional so which can be bought and used an almost limitless number ways. Three-sectional sofas a the most usual. They consist two ends, with arms, and a cent without, which can be placed gether or separated in vario ways. Then there are the circul sofas, which come in quarter se tions as a rule, to be assembl as such or as halves. These, particular, are arousing a co siderable amount of interest. T third type in the group is th which has possibilities of ev greater adjustability. In it the are corner, end, and center piece which can be arranged in front a fireplace, against a wall, arou a corner, according to the arch tectural design of the room ar the groupings desired.

This "unit" idea, as a matter fact, is quite characteristic of muc of the modern furniture on th market, and is one of its adva tages. It need not be acquired a "suite," nor be used as such. F instance, in one collection the are three pieces of exactly the sam dimensions, a chest of drawers, desk, and bookshelves with cup boards. The three can be used t gether, side by side, in a livin room, the desk serve as a bed room piece, the chest and shelve with cupboards for linen, chin and glass in the dining room.

18th century furniture is ex tremely important in the 193 picture, and happily so. It has dignity, a refinement that neve will be outlived for many of us And it is the harmonious thing fo any of our homes. It is chiefly i mahogany, with some fine piece in pickled pine. In both case manufacturers are to be congrat ulated on the fine finishes they have obtained. We have soft satiny textures that have a fee and glow once associated with nothing but antique furniture. It is a great attainment that this is available. If any one style note for 1936 can be stressed, it is that of the Chinese feeling evident in pieces of Chippendale derivation. This is stronger than usual, and takes the form of pagoda lines, as





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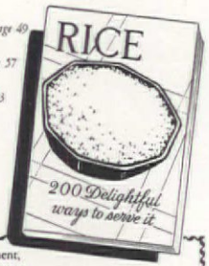
Try
Rice and Ham . . . *Page 49*
Moulded Rice Ring With Fruit . . . *Page 57*
Vegetable Cups With Rice . . *Page 33*



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in the case of a secretary pediment, and in the up-turned ends of coffee tables, and in fretwork decoration. In addition, a few odd pieces are done in black lacquer with Chinoiserie motifs in gold.

While not spectacular among the new furniture collections, mahogany in the Federal and Duncan Phyfe styles must be mentioned in any report that is complete. This is extremely satisfying to many of us and fits well into many of our houses. It is perhaps most successful in bedroom and dining room pieces.

Early American maple is as important as ever in the furniture style picture. Pieces for every room are available, including such 1936 additions as a chaise longue for the bedroom or sitting room, studio couches with maple bases, combination lamp tables, and the hundreds of thoroughly familiar pieces. There are many fine upholstered pieces to go in maple rooms, many chairs and sofas with the extra convenience of a table-arm or a rack at the side for magazines, knitting, and similar articles. In general maple this year is somewhat less rustic, less cottagey, with a dignity which makes it suitable for the larger house or the apartment in town.

Dollar ideas

[*Continued from page 102*]

Safe Razor Blades

When using a double-edged razor blade for ripping etc., lay a match along one edge and bind it on with adhesive tape. This gives a firm edge and prevents cuts. ANNA KERRIGAN, Connellsville, Pa.

Face Powder on Velvet

If face powder has fallen on a velvet or satin dress, wipe lightly with a white woolen cloth. Every particle will be removed. This holds good for felt or broadcloth. No amount of brush brushing will entirely remove powder. ELSIE CURTISS, Roxbury, Conn.

Lint on Woolens

A plain rubber bath sponge used as a brush will remove lint and dust from wool dresses quickly. This simple method has been found very useful especially for wool crêpe frocks. MARION SIMMS, Hollywood, California.

Thanks, Mrs. Lebohner

A very acceptable gift for a first wedding anniversary, which is the paper anniversary would be one or more year's subscription to THE AMERICAN HOME. MRS. G. F. LEBOHNER, Roslyn, L. I.

Artistic and modern in design—contains tuftless inner-spring mattress—luxurious as a twin or double bed—choice of colors and of models.

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HERE is a smooth surface for better sleep—the Perfect Sleeper. It's built as a mattress should be—*tuftless*, not only on the surface but through and through. It is luxurious, made of the highest quality materials and beautifully designed. And you can afford it. Box springs to match. At your department or furniture store. Sleeper, Inc., 30 Factories from Coast to Coast.

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Chicago, Ill.
Please send, free and without obligation to me, your illustrated four-color "Billy Sleeper" booklet describing the Perfect Sleeper mattress; also studio couches.
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Patent Applied for

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Another of the patented Studio-Cedar Chest Beds which have been previously shown in other designs. Write now for further information and name of dealer nearest you.

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PETER KLERNER FURNITURE CO.
Established 1873
1824 Main Street, New Albany, Ind.

These Choice New Things Cost No More Than Old Ones

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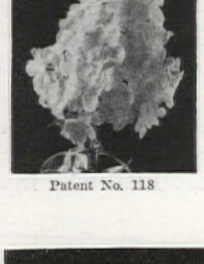
What's the sense of buying a lot of the usual old things this year, when you can have Wayside's new ones costing but little, if any more.
Here are just four of the many new Wayside things well worth your having. Send for Catalog. 16 of its pages have true color illustrations made direct from the blooms themselves. It is not too much to say there isn't a Catalog its equal issued in this country.



Patent No. 118

1 **New Korean Mums**
No use trying to describe them. See Catalog. Shown in color. Prices very reasonable.

2 **New Gaillardia Sun God**
A true chamois-yellow, clear and bright. Blooms 3 to 4 inches across. 3 plants for $1.25—12 for $4.50.

3 **New Gladioli and New Dahlias**
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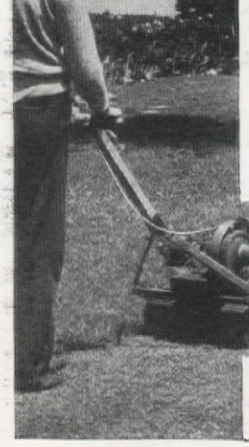

Jacobsen Power Mowers are designed to provide easy, economical lawn care. At a mere trifle of operating cost, either the roller-driven "Estate 20" or the wheel-type "Simplex" will do a nicer job without burdensome work—and in one half the time required with a hand mower. The "Estate 20" is suited to fine lawns that need frequent rolling. The "Simplex" is adapted to lawns where a roller-type mower is not desired. These machines are quality-built—of extreme simplicity—and priced as low as $125.00. Mail the coupon for detailed information. Jacobsen Manufacturing Company, Racine, Wis.

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GARDEN FACTS and FANCIES

Leonard Barron

NATIONAL Garden Week, being celebrated in the third full week in April, this year falls from the 19th to the 25th. Garden clubs in many sections have made arrangements to give some form of recognition at this time and thus gather new energy for a year of outdoor garden activities.

Definitely, garden clubs are awakening to a consciousness that gardening concerns itself with the growing of and acquaintance with plants. Consciously, they are making efforts to get back to the soil from which they started. The intensive phase of interior decoration known as floral arrangement seems to be subsiding to its proper place.

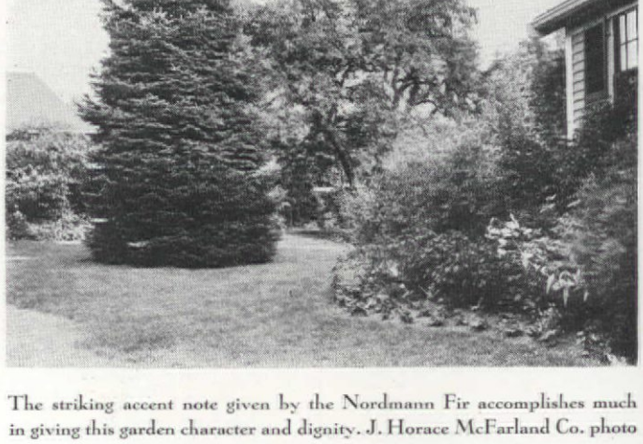
The Garden Club of Virginia has its seventh visiting garden week April 27 to May 3, affording an opportunity to many to visit privately owned historic estates which are not ordinarily opened to the public. Of course, there is a small entrance charge. The proceeds of these tours are used for the restoration of the grounds and gardens of other historic places. Among the historic gardens which have been restored by the Garden Club of Virginia are: Kenmore at Fredericksburg—the home of Betty Washington Lewis, the only sister of George Washington; Stratford, the home of the Lees and the birthplace of General Robert E. Lee; The Manse in Staunton, Virginia, the birthplace of President Woodrow Wilson; the grounds of the Lee Chapel at Washington & Lee University; and two places now in process of reconstruction—Wilton, said to the most beautiful and representative specimen of Colonial architecture in Virginia, and Sm Plantation in Surry County, grant to John Rolfe, the son Pocahontas, who is said to ha built the small, very charmi brick house, which has been cently restored. These places a more than one hundred others, a cient and modern, may be visit during garden week. Details of the special places to be visited t year can be had from Mrs. Thom S. Wheelwright of the Garden Cl of Virginia at Richmond.

In addition, the Fifth Annu Pilgrimage sponsored by the N chez, Mississippi, Garden Club the old estates of that histo region begins March 27 and co tinues to April 5. In recreating t days of the Old South at this tim twenty-seven ante-bellum hous will be opened to visitors.

Centennial of the Nordmann Fir

THIS year, gardeners can cel brate the centennial of t discovery of one of the most ma nificent of all the ornamental coni erous evergreens, the Nordman Fir, which commemorates in i name its discoverer in the Crime region. It was twelve years late true, before it was introduced int cultivation by way of England.

Its distinction as an ornament plant is that it has the darke green color of all the Firs. The is no question about that, an nothing in the whole category



The striking accent note given by the Nordmann Fir accomplishes much in giving this garden character and dignity. J. Horace McFarland Co. photo

3 ELEMENTS IN A PLANT FOOD AREN'T ENOUGH

All growing things must get *eleven different food elements* from the soil, say plant nutrition experts. Yet ordinary fertilizers—bone meal, manures, sewage products—provide only two or three. . . . That is why home gardeners, after spending time and money, so frequently fail to get the beauty they want.

Supplying ALL ELEVEN of the food elements needed from the soil . . . Vigoro will do all these things for your garden:

• Develop thick, springy turf with no thin spots. • Help choke out the weeds. • Develop deep, drought-resisting grass roots. • Develop large, colorful flowers with strong stems. • Help plants resist disease. • Give new life to trees and shrubs. • Develop early, delicious vegetables.

This year, take no chances. Use the *complete* plant food—Vigoro. It supplies *all eleven* of these necessary elements to your grass and flowers, to your shrubs and trees—and supplies them in scientifically balanced proportions!

You'll be thrilled when you see Vigoro's results in your garden—thick green turf on your lawn; flower beds full of big, gorgeously colored blossoms, thriving trees and shrubs; earlier, bigger vegetables.

You'll be amazed how easily, with this complete plant food, you can overcome many common gardening troubles due to partial starvation.

Over a period of many years, home gardeners everywhere have had such splendid results with Vigoro that they've made it by far the largest-selling plant food on the market.

Vigoro is sanitary, odorless, safe. Unlike bone meal, sewage and similar fertilizers, it does not encourage worms and pests, contains no weed seeds. It's easy to apply, either by hand or with an inexpensive Vigoro spreader. It's economical; you need only 4 pounds per 100 square feet. And results with Vigoro are *sure*.

Order Vigoro *now*—enough for everything you grow. And apply it early; *right now* is the best time to give grass and perennials a square meal.

All through your garden you'll see the beauty that comes from feeding this plant food that's *complete* with eleven vital food elements.

FEED EVERYTHING YOU GROW . . . WITH

VIGORO

THE COMPLETE, BALANCED PLANT FOOD

Timely TIPS FOR GARDENERS

WHEN you see beautiful flowers in garden catalogs—the very kind you hope to grow—remember that the best seeds and plants, even with plenty of fertilizer and long arduous hours devoted to their care, cannot be expected to produce lovely blooms unless the soil is properly conditioned.

The propagation of seeds and the successful growth of any plant or shrub, depend largely on what goes on in the soil—whether there's sufficient food, water, and air to nourish and develop a healthy root system.

Soil conditioning is unquestionably the most important factor in successful gardening and P.I.C. Emblem-Protected Peat Moss—"the Mother of Humus"*—is the acknowledged perfect soil conditioner. It readily makes humus—absorbs and holds water-soluble fertilizers for use of plants—maintains moisture constancy—aerates the soil and prevents baking—breaks up hard clay soils and gives body to sandy soils. Used as a mulch, it also reduces weeding and cultivating labor.

For best results buy your Emblem-Protected Peat Moss early—at least six weeks before you plan to use it. Spread it out over the ground. Let the moisture get into it—use a hose if necessary—then dig and mix it well into the soil and plant your seeds, perennials, shrubs, or bulbs.

Be sure to mix Peat Moss with loam and sand for your seed boxes and cold frames. This increases the percentage of seed germination and enables you to avoid transplanting losses later on. Always mix Peat Moss with the soil before you plant anything. This provides the natural atmosphere needed for the development of vigorous root systems.

If you are going to make a new lawn or renovate an old one, be sure to dig Emblem-Protected Peat Moss into the soil. Its remarkable ability to store moisture for long periods will keep your lawn fresh and green—even during summer's hottest spells. To make a satisfactory, all-around earth for rock gardens—mix your soil thoroughly with Peat Moss. This will give you the needed moisture and porosity.

Emblem - Protected Peat Moss is sold under various trade names by high grade dealers of horticultural supplies. Be sure to look for the P.I.C. Triangle stenciled on the side of each bale of peat moss you buy. It is there for your protection. It guarantees highest quality.

For the sake of your garden, make the "Squeeze Test" of your soil. Write today for details. Also for valuable bulletins listed below. They are FREE for the asking. *Trade mark

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HENRY A. DREER
305 Dreer Bldg. Phila., Pa.

coniferous evergreens has a more massive dignity. Given a good loam, the Nordmann Fir grows well up into the northern belt, and is a dependable tree from many standpoints. It isn't easily damaged in wintertime and carries a load of snow with real grandeur. Another attribute that makes it adaptable to garden planting is that it will endure some shade and will succeed equally in almost any exposure.

How long the individuals will endure in cultivation, we do not yet know. One hundred years has proven such a little time for adequate acquaintance. Its evident long endurance and the fact that specimens in cultivation have attained heights exceeding one hundred feet should give pause to the too ready planting of such a tree in very small areas unless there is a full understanding of future possibilities.

As an individual specimen tree, its deep, almost black, green tone gives it exceptional individuality and it is certainly one of the most handsome and most desirable of all the Firs.

What do moles eat?

CONFLICTING evidence accumulates. The mole is no friend of the gardener, that is sure. Whether he feeds on the bulb, or not, is really immaterial. From Great Neck, New York, Mary Clark writes:

"Do moles eat bulbs? They do! My home is in Portland, Oregon. Mother and the neighbors make ax holes in old pails and plant choice lilies in them for safety. Insects would go through the holes. They eat other bulbs too but seem specially fond of lilies. We have had years to watch and learn about these moles. If insects were eating the bulbs we would see some of them at least. And it would take quite a flock of bugs to clean out a whole tulip bed. There is no lack of mole hills when the bulbs are disappearing. A few people think the 'gray digger' may be responsible. Those are unobservant folks who have read that moles don't eat bulbs. However, I won't say that 'diggers' don't eat any bulbs. I've never looked into the matter."

And again from Avon, New York, Mrs. Selden contributes:

"An incident occurred here recently that may shed some light on what moles eat. In spite of all I have heard and read even in Farmer's Bulletin No. 1247 I submit these facts: A tray of peanuts was placed in the greenhouse to dry this fall. The peanuts, by the way, were illegal, being raised without benefit of U. S. Government permit—at all events, the ¼ bushel crop raised from a similar amount of seed was grown in our Western New York garden partly as an experiment and partly to amuse the

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children. Our greenhouse is a bit down at the heels and a mole—common eastern mole—came into the greenhouse, climbed the tray or wooden seed pan, and took out a peanut by pushing and shouldering it along and over the edge of the box out onto the bench and under a wooden sill where little Scalopus aquaticus had set up housekeeping. The gardener set a trap in the runway the mole had established in carrying away two or three dozen peanuts, and the mole was caught and killed in mouse trap. The gardener then investigated under the sill, where he found a lot of fragments of shells of peanuts apparently torn up with the hands or claws of the mole, but no trace was found of any of the peanuts. There was every reason to believe they had been eaten by the animal that made such an effort to get them out of the seed pan. This fantastic tale is vouched for by our gardener. Unfortunately, I was away when the incident occurred or I would have tried to investigate further. At any rate, the mole was seen rolling the peanut in daylight along the runway and was caught in a trap there."

* * *

A correction: The illustration on the top of page 30 of the February issue of THE AMERICAN HOME was actually Phlox drummondi gigantea Art Shades, but by a typographical accident it was labelled Petunia.

* * *

Flower Shows to come

March 14 to 22:
Seventeenth Annual National Flower and Garden Show, Fifth Regiment Armory, Baltimore, Maryland.

March 16 to 21:
Twenty-third Annual International Flower Show, Grand Central Palace, New York City.

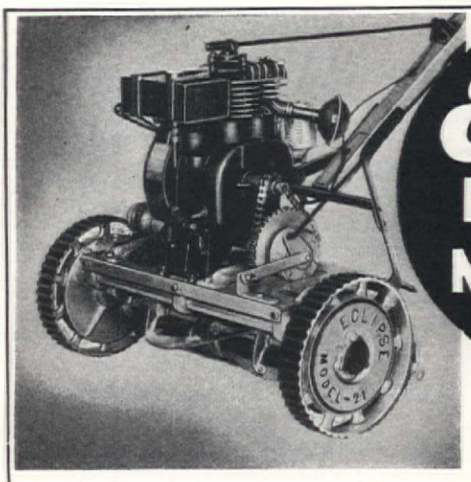
March 21 to 29:
Tenth Annual Chicago Garden and Flower Show, Navy Pier, Chicago, Illinois.

March 23 to 28:
Sixty-fifth Annual New England Spring Flower Show, Mechanics Bldg., Boston, Mass.

March 23 to 28:
Twenty-first Annual Philadelphia Flower Show, Commercial Museum, Philadelphia, Pa.

March 28 to April 3:
Annual Michigan Flower and Garden Exhibition, Convention Hall, Detroit, Michigan.

March 27, 28, 29:
Annual Convention and Show, Northwest Florist Ass'n., Davenport Hotel and Civic Auditorium, Spokane, Washington.



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Choose any Eclipse Power Mower with the assurance you will get perfect cutting, durability and economical service. Instant starting and ample power is provided by the nationally known Briggs & Stratton Four-Cycle Auto-Type Motor. Eclipse Power Mowers have proven their dependability by past performance. Latest models are improved for the future.

A POWER MOWER FOR EVERY LAWN

ECLIPSE LITTLE GIANT—20" Cut
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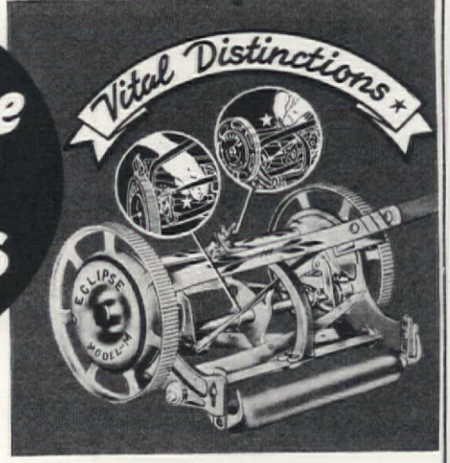
Priced from $137.50 f.o.b. Factory

Eclipse HAND MOWERS



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You get 29 advancements not found in ordinary Lawn Mowers. This is what Eclipse offers the home owner in 1936. Eclipse "vital distinctions" . . . . provide welcome savings by completely eliminating yearly sharpening and adjusting expense. In addition these features give you a keen edged, perfect cutting Mower every time you use it.

Let Eclipse speak for itself before buying any Mower. See it at your dealers during the ECLIPSE NATIONAL LAWN MOWER EXHIBIT . . . . April 15 to May 15.

ECLIPSE LAWN MOWER COMPANY, Prophetstown, Ill.

MAIL THIS TO ECLIPSE PROPHETSTOWN ILLINOIS

I am interested in Eclipse. Send information on
☐ Power Mowers ☐ Hand Mowers
Dept. A.H. 4

NAME .....

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Wonderful Bargains in Burpee's Dahlias

We have grown thousands of roots of Dahlias especially for these Bargain Offers, selecting easily grown, free flowering varieties that are showy in the garden and wonderful for cutting. If you will leave the selection to us of those varieties we may have when your order is filled, you will get some very fine Dahlias at a real bargain price. All are sent postpaid. Send your order now.

GIANT FLOWERED DAHLIAS

6 roots (1 each of 6 different varieties, each labeled, all choice Dahlias with a regular value of $3.00 or more) only $1.50.

12 roots (1 each of 12 different varieties, each labeled, all choice Dahlias with a regular value of $6.00 or more) only $2.75.

DAINTY POMPON DAHLIAS

6 roots (1 each of 6 different varieties, each labeled, all choice Dahlias with a regular value of $1.50 or more) only 85c.

12 roots (1 each of 12 different varieties, each labeled, all choice Dahlias with a regular value of $3.00 or more) only $1.50.

Please remember that the selection of Dahlia varieties, in these special bargain collections, must be left to us.

BURPEE'S SEED CATALOG FREE. Describes every flower and vegetable worth growing—all the old favorites and the best new varieties. The most helpful Seed Catalog any gardener could have. This year's Book is more interesting than ever and packed with valuable information. Write for your free copy.

W. ATLEE BURPEE CO. 550 Burpee Bldg. PHILADELPHIA

. . . Grow the best flowers on your side of the fence

Same soil, same sun, same rain—but *you* can grow stronger, healthier flowers, and have a sturdier, more drought-resistant lawn if you use Florida Humus. Unlike other "organics", Florida Humus is rich in nitrogen. It is *more* absorbent and *less* acid than peat moss. It is pure and odorless. It comes to you air-dried, conveniently packaged — ready for use.

Free Booklet

Mail coupon below for name of nearest dealer and free copy of *Nature's Way to Better Lawns and Gardens*, (which includes laboratory analysis of Florida Humus).

FLORIDA HUMUS

"Nature's Storehouse of Fertility"

Mined and Manufactured at Zellwood, Fla.

FLORIDA HUMUS CO., *Sales Dept.*
141 Milk St., Boston, Mass.

Please send me *Nature's Way to Better Lawns and Gardens* and name of nearest dealer.

Name .....

Address .....

..... A-4

NEW PULL-HOE *Weeds as it Cultivates* IN ONE OPERATION

EASY AS WALKING **5** Times Faster *Says Mrs. T. J. Walker*

No Backbreaking Chopping Motions. They end garden drudgery and long hours of hard tedious work. So reasonable in price and sold on MONEY BACK GUARANTEE.

GARDEX

"Soil-Flow" TOOLS

Try **GARDEX Pull Hoe.** It bites into the ground any depth desired—weeds and cultivates with easy pull, as you walk. No weeds can escape and side guards protect plants.

Write for Free Circular Today! Shows every tool—how new-principle works. Amazing time and labor savers. Tools sent postpaid if your dealer can't supply.

GARDEX, Inc.
Dept. 14 Michigan City, Ind.

MANDEVILLE *TRIPLE-TESTED* FLOWER SEEDS

offer a copyrighted feature that simplifies gardening, for a map on back of each packet tells exactly *when* to plant that variety in your locality. Mandeville Flower Seeds are displayed at more than 70,000 retail stores from coast to coast. You will find them at your local stores. All Mandeville seeds are triple-tested for germination, quality of flowers and completeness of mixtures. The Mandeville pamphlet, "Flower Garden Suggestions", is full of valuable information on what to plant, when to plant and when it blooms. This will be sent *free* on request, together with full details of our **Free Offer** celebrating our 60th Anniversary as Flower Seed Specialists.

MANDEVILLE & KING CO., Dept. J ROCHESTER, N.Y.

STEARNS POWER Lawn Mowers

You CAN AFFORD This Power Mower

STEARNS-made throughout with all the tested and proved features that have made Stearns power mowers famous. It is as outstanding in quality and performance as in price.

Simple and easy to start and operate, there are no complicated manipulations. The perfect balance of design assures greater ground coverage than the 18" cut would indicate.

Ask your dealer or write us for descriptive folder.

ONLY **$74.50** **18" cut**

4 other sizes up to 27" cut.

Prices from $94.50 to $235.00.

E. C. STEARNS & CO. ESTAB. 1864 SYRACUSE, N. Y.

Gardens and Morals

[*Continued from page 111*]

and that a healthy, happy, interested individual is an asset both to himself and to his community. Bodily fitness restores morale as does nothing else. Recently a group of famous persons was asked "What is your greatest wish for Christmas?" Andre Maurois, a gifted Frenchman, answered, "Give me good health and I will take care of the rest." A wise answer and one avenue to good health is the making of a garden.

We have always been taught to believe that laziness was an immoral vice. Being a farmer's wife, I think its dangers have been greatly overestimated. Gardening then, must be a highly moral force, because it completely eliminates the possibility of laziness. Merely to watch the constant and persistent activity of the garden pests incites one to a frenzy of industry.

Women should be especially interested in the physical reward of garden making, as it is the best known method of reducing. As a melter of superfluous avoirdupois, gardening has no equal. It beats the unpleasant chore of dieting, and is far more pleasant than the Turkish bath. Not only will gardening restore that youthful willow wand feeling but it may even change your personality for the better. I have a charming sister-in-law to whom that very thing happened. She too was bitten by the gardening bug. Formerly she was a creature who adored the glamourous trinkets of femininity. On her birthdays, her husband was wont to ask her what she wanted for a present (you see he is a very nice husband). Usually she asked for a bracelet or some such luxurious gadget so dear to a woman's heart. But since she has the gardening fever, she is different. Last spring when her husband asked what she wanted, he was completely amazed to hear her answer, with a wistful note in her voice, "Could you give me two loads of fertilizer?"

So if you have a personality that you want to change, perhaps gardening is more efficient than the various "courses" so highly advertised.

The recurring mental benefits from gardening are even more important. Today we hear so much of the advantages of a highly technical education, of a purely academic development, of an acquired culture. Yet none of these is complete in itself. No development of taste in art and letters, no focus of study in abstract sci-

LURE THE BEAUTIFUL SONG BIRDS TO YOUR GARDEN

No garden is complete without these sweetest and most useful of birds. Thousands of Dodson Martin houses—bird Sanctuaries prove that they get the birds. Carefully made—painted 2 coats—scientifically ventilated—height from floor to peak 26 in.—shipping weight 80 lbs. Special price—F.O.B. Kankakee $18.00.

No. 2 Flicker or Woodpecker House. Redwood-Cypress and Copper roof. 20 in. long—Shipping wt. 20 lbs. only $7.00. Ask for information on other bird houses $2.00 and up.

Send 10c for Dodson's 32 page book on Garden Birds and how to win them.

JOSEPH H. DODSON CO.
34 Harrison St. Kankakee, Ill.

DANDELIONS DIE UNBORN

New Kind of Rake Nips Seed Heads Off These Pests—Stops Crabgrass, Too

Most popular and valuable lawn tool in years. Curved sawtooth blade removes dandelion heads, crabgrass, and broad weed leaves, like plantain, that crowd and kill grass. **Won't injure grass roots.** Needed all season. $1.00 at your dealer's or send price, plus 15c for postage, to THE UNION FORK & HOE CO., 511 Dublin Ave., Columbus, Ohio.

Keep Lawn Clear

Always Ask For **UNION TOOLS**

6 SURE TO BLOOM HARDY GARDEN MUMS 25c POSTPAID

Strong Hardy plants. Best varieties, colors. **Harvard** (red), **Uvalda** (white), **Aladdin** (bronze), **Harvest Home** (yellow), **Melba** (carmine), **Normandie** (pink).

SPECIAL OFFERS

12 Gladiolus	35c	3 New Blue Lily	50c
6 Geraniums	45c	6 Petunias	35c
6 Snapdragons	35c	12 Pansies	25c
6 Roses	48c	6 Perennials, all diff.	49c
6 Hardy Phlox	49c	4 Hardy Carnations	48c

All plants mailed postpaid. Send your order today. New Catalog—100 pages of Plants, Seeds, Bulbs—FREE

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2 STAR ROSES $1

ACT AT ONCE

★ Ami Quinard H. T. Crimson maroon $1 ea

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HALF-PRICE TEST OFFER. Above 2 sturdy 2-year field-grown Roses for $1 postpaid.

1936 catalog showing 64 Roses in color is FREE

THE CONARD-PYLE CO., West Grove 253, Pa.

GUARANTEED TO BLOOM

2 HARDY BLUE NIKKO HYDRANGEAS $1.10

4 for $2 *Bloom June till frost*

6 New Fragrant Everblooming PINK VIOLETS $1.35

10 Different ROCK EVERGREENS	$1.80
10 Different PERENNIALS for Cutting	$1.25
10 Different PERENNIALS for Border	$1.25
10 Different ROCK GARDEN Perennials	$1.25
Exhibition CHRYSANTHEMUMS	
10 Large, incurved. 5-6 inch wide. All Colors. Everything Postpaid	$1.25

NEW MARKET PERENNIAL GARDENS Catalog Free.
86 Randolph Road, New Market, N. J.

GOOD NEWS FREE *for Rose Lovers*

With illustrations describing one of the most amazing tests of Rose Protection ever made against insects and diseases. *Sent FREE! Write today*

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ROSE MANUFACTURING CO.
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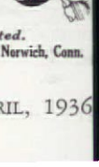
Trees of Select Quality for Spring Planting

We offer for spring planting 150,000 one year apple, limited quantity two year olds, best new and older varieties.

150,000 select Peach trees one year and June Buds. Nut trees all kinds. Ornamentals of all kinds. We specialize in growing apple and Peach trees for commercial orchardists. All stock thoroughly inspected for trueness to name. 1936 Catalog ready. It's free.

Bountiful Ridge Nurseries, Box E, Princess Anne, Maryland

Slick Up Your Dog With a "STRIPSLIK" COMB



Actually 3 Combs in 1—a Stripper, Vermin-Finisher and Trimmer. Entirely removes dead hair. Leaves coat clean, soft, lustrous. No stiff stubble. Adjustable for thick or thin coats. Steel construction. Send $1.50 for your "STRIPSLIK", with extra Trimming Blade FREE. Send 50c for Dog Comb-Brush Outfit ppd. ($1 value). Send $1 for Anti-Bark Bridle ppd. Stops wanton barking.

$1.50 POST PAID

Money refunded if not delighted.

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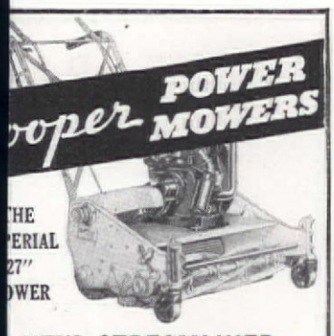

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RENGTH AND RIGIDITY

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ime and labor ing unit for ding large areas. oon tires will mar fine lawns.

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Get judgment of authorities your landscape designing ability— EE. A nation wide hunt for talent. what may offer YOU a big suc- Opens money making oppor- ties. Write for entry blank and picture for free test.

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PFEIFFER BARGAINS
PEDIGREED, HARDY PLANTS and BULBS

0 Glads ALL MED. (1-1¼") BULBS Sure-blooming. 2 each of 50 varieties, including "Picardy"; unlabeled—$2.00 value ... $1.00 POST-PAID

5 Irises ALL DIFFERENT PLANTS (unlabeled) in wide range of colors; strong, single divisions. $2.00 value ... $1.00 POST-PAID

Dahlias GIANT, DECORATIVE NAMED VARIETIES, ALL STRONG TUBERS: 1 Each: Jane Cowl (salmon); y's Beacon (crimson); Jersey's Beauty (pink); L. dever Warner (lavender); Mt. Hood (pure white); n Emma (golden-yellow), $2.00 value ... $1.00 POST-PAID

"Spring Bargain List" includes hundreds of equally fine bargains. Send for it.

A 4, The Pfeiffer Nursery, Winona, Minn.

ANURED PEAT MOSS
AKES GARDENS THRIVE!

NOW IS THE TIME to build beauty in your garden! Dig in Manured Peat Moss—an inexpensive poultry by-product. Manure has long been recognized as nature's own method of restoring soil fertility.

Millions of moisture-absorbing peat moss cells release the nitrogen of the droppings slowly—without burning or leeching—providing a constant supply of plant food in solution to make lawns and gardens thrive.

The Peat Institute of America has registered poultrymen in nearly every community who will supply this inexpensive by-product. Mail coupon for free booklet and nearest source of supply.

Free VALUABLE FOLDER

PEAT INSTITUTE OF AMERICA
Div. Peat Import Corporation
155 John Street, New York, N.Y.
Send folder, and tell me where I can secure Manured Peat Moss. AH4

Name
Address
City State

ence, can ever take the place of one's knowledge of the earth's processes and mysteries. The life of the earth is the fundamental spirit of all growth.

Gardening itself is a veritable education in the life of the earth. The whole history of education is incorporated in gardening. The ideal, the working plan, the labor, the consummation all take their place in the mental education by gardening. The moral quality is particularly apparent for a failure in a garden is never a defeat; it is an experience, and by experience we learn to live. As in all education, the reality rarely approaches the ideal, but we have the soul satisfying experience of attempting the ideal. Rarely indeed, does the answer in my garden look like the picture in the seed catalogue. But I have gained the strength of trying!

Some wit has devised a simile which is both true and very sad: "As deceptive as a seed catalogue." But as a text book for true education, nothing can equal a seed catalogue. It inspires with a standard of perfection that arouses every instinct of good intention. That in itself, is good morals.

Another virtue of an education by gardening is that it may be distinctly a matter of adult growth. Years matter very little in this job of making a garden. In fact, gardening has the moral value of being one of the most soothing antidotes to the swift rush of oncoming years. Just so long as we can bend our back and focus our muscles, a garden is a possibility. Chesterton makes a delightful paradox about education: "you are educated only as long as your education remains unfinished." Thus gardening is true education, for it is never finished.

Another mental discipline of gardening is the real appreciation of the law of order. Those who live beautifully know that the divine order is a part of natural life. Those who think beautifully know the value of orderly thought. A certain fine regard for order is the basis of true existence. Gardening certainly impresses this law of order and right sequence. By gardening, we are instilled into the orderly procession of the seasons, the steady march of life and death, the sweet precision of things done in their proper time, the whole orderly plan of the universe is profoundly understood. We even learn to live in a more orderly pattern. The mental insistence of a garden is deeply valuable to the education toward a better life.

But more than its physical benefit, more than its mental stimulus, a garden is a spiritual asset. There is found in making a garden the most important as-

LAWN RENOVATION

A THOROUGH raking, an application of Henderson's Lawn Enricher and a re-seeding with Henderson's Lawn Grass Seed will make sure that you will have a "Better Lawn" all next summer.

The raking will take out all of the dead grass and weeds that have accumulated during the winter. The Henderson Lawn Enricher contains just the fertilizing elements that your grass needs for proper nourishment and the **Henderson Lawn Grass Seed,** which is the best seed for general use, will thicken and improve the turf. It is a mixture of carefully selected varieties and is the result of years of experiment and experience. For special conditions we have other mixtures.

Prices: Henderson Lawn Grass, ½ lb. 30¢; 1 lb. 50¢; 3 lbs. 1.45; 5 lbs. 2.35; 10 lbs. 4.50; 20 lbs. 9.00. Transportation prepaid. Phone orders before 2 P. M. will be shipped the same day. C. O. D. if desired.

For new lawns use one pound to each 200 square feet and half the amount for renovation.

"HOW TO MAKE A LAWN" is the title of one of our leaflets by Peter Henderson, which treats of lawns and lawn making in detail. We shall be glad to send this without charge if you will fill in the coupon.

You may send me your leaflet "How to make a lawn" by Peter Henderson.

Name.....
Address.....
City..... State.....35

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Cactus Garden 50¢ POSTPAID
6 Flowering Varieties

These curious desert plants thrive, indoors or in Rockery. Easy to grow—produce beautiful and unusual flowers. Large, strong PLANTS such as usually retail at from 25c to 50c each. *Every plant a different variety;* the more plants you order, the more varieties you receive. Send 25c for 3; or 50c for 6; or $1.00 for 12. Free Flower and Vegetable Catalog.

FAIRFIELD SEED & BULB CO. Dept. C-436 Bridgeport, Conn.

FLAME GUN *quickly—easily* DESTROYS WEEDS and BRUSH!

Hauck Kerosene Flame Gun—2000°F. controlled heat—destroys weeds (seeds and all), brush, poison ivy, sumac, insect pests, etc. Hundred and one uses. Keeps walks, roads, driveways, fences, etc., free from objectionable growth. Inexpensive—Safe—Easy to Operate—Does work of 4 men. 10 days free trial. Free booklet. Deliveries from Brooklyn, Chicago, San Francisco.

GARDEN CLUBS—Write for unusual proposition combining community service and treasury profits.

Hauck Mfg. Co., 131 Tenth St., Brooklyn, N.Y.

WRITE FOR FREE BOOKLET

3 BLUE SPRUCE $1

Seven year old Genuine Colorado Blue Spruce. Bushy trees, twice transplanted. Average height 1 ft. Especially good color this year. 3 for only $1.00 Postpaid.

Our Spring catalog lists many other valuable Special Offers. We mention only a few here:

4 Ornamental Evergreens $1
1 Scotch Pine, 1 Savin Juniper, 1 Polar Spruce, 1 Am. Ar. Vitae. 1½ ft. All 4 only $1 Postpaid.

6 Flowering Shrubs $1
2-year-old, 1½-2 ft., 6 for only $1 Postpaid.

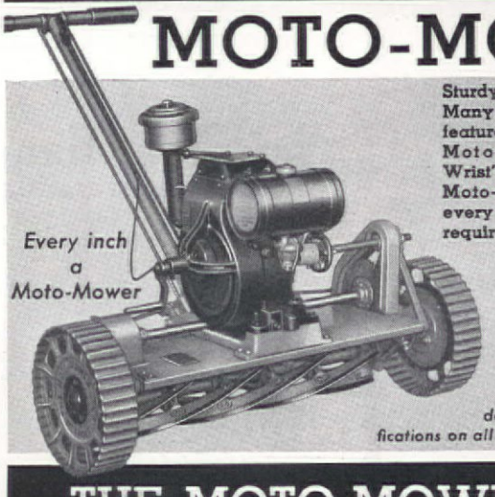
3 Beautiful Shade Trees $1
1 Am. Linden, 1 Chinese Elm, 1 Pin Oak. Average height 3 ft. All 3 only $1 Postpaid.

Write for a free copy of our Spring catalog.

Villa Park Evergreen Co.
520 S. Princeton Ave., Villa Park, Illinois

FOR EIGHTEEN YEARS THE PREFERENCE OF USERS OF POWER LAWN MOWERS

MOTO-MOWER



Every inch a Moto-Mower

Sturdy, powerful, dependable. Many exclusive and patented features, including the famous Moto-Mower "Twist of the Wrist" guiding. There is a Moto-Mower model to meet every service and pocketbook requirement. $78.50 and up.

Twist of the Wrist Guiding

Write for illustrated catalogue containing full descriptive matter and specifications on all 14 models of Moto-Mower.

THE MOTO-MOWER CO.
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Kill the Bugs with Your Garden Hose

Attaches To Ordinary Garden Hose - - Effective - - Economical

All Insecticides And Plant Foods Made In Cartridge Form

An Amazing New Invention for spraying plants, trees, shrubs, etc.,—without the labor and expense of heavy equipment—for gardens, large estates, municipal parks, library grounds, greenhouses—no mixing—ready for instant use—mechanically perfected to stir or agitate the solution, in cartridge form, so that it is deposited in correct proportions on objects to be sprayed.

GARDEN HOSE BRAND INSECTICIDES

NICOSTICK cartridges (Nicotine and Fish Oil Soap), an ideal and complete insecticide for the control of most plant pests, such as Thrips, Aphis, Green Flies, Plant Lice, etc.

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PROFESSIONAL GARDENERS RECOMMEND

April is none too early to start spraying if you want to be *sure* of protecting your roses and other flowering plants from damaging insects. Play safe and use Wilson's O.K. Plant Spray. If your dealer cannot supply you, write to

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Guaranteed to bloom

Colorful—Beautiful

No garden is complete without the beauty and fragrance of a Water Lily Pool. Water Lilies are easy to grow—no weeding—no watering—no hoeing. Certain to prove of fascinating interest.

SPECIAL . . . Lilies "Gems of Color". 1 Yellow Chromatella; 1 Pink Opal; 1 Blue Beauty. All three for $3.00.

NEW CATALOG *Now Ready* **FREE** (Canada, 15c)

Beautifully illustrated in natural colors. Contains everything about a Water Garden. Write for FREE copy today!

Wm. TRICKER INC.
Everything for the Water Garden
6401 Brookside Ave. 6416 Rainbow Terrace
SADDLE RIVER, N.J. INDEPENDENCE, OHIO

How to get

BETTER RESULTS *with your* GARDEN

GIVE your seeds and perennials a real chance to produce the beautiful flowers you want. Before planting your garden or lawn this year, first condition the soil with G.P.M. Granulated Peat Moss. When mixed with the soil this garden miracle worker readily makes humus, keeps the soil well aerated and stores up moisture and plant food for use of plants during dry spells. It stimulates vigorous root growth—the secret of all healthy plant life. Used as a mulch G.P.M. prevents soil hardening, cuts down weeds and saves many hours of cultivation.

For best results, insist on G.P.M. Peat Moss. Pressure packed bales assure more peat substance for your money. The "green" bale head distinguishes G.P.M. from loosely packed inferior grades. Order G.P.M. today from your dealer or direct. 20 bushel pressure packed bales, only $4.00.

GPM* PEAT MOSS

**Emblem-Protected—Your guarantee of quality*

DRICONURE—Finest quality pure organic fertilizer. Dehydrated cow manure with peat moss. Free from weeds. Will not burn. 3½ bushel bag $3.00.

SORBEX—Pulverized moss peat for seed flats, seed beds, cold frames and for top dressing lawns. Excellent root producer. 10 bu. bag $3.00.

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FREE Mail coupon today for Free sample and valuable folders on many garden uses of G.P.M. Peat Moss.

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The Improved 1936

MILBRADT POWER LAWN MOWER

Our new catalog will interest you

does a smooth perfect cutting job.

It is equipped with the exclusive Milbradt TWIN DIAGONAL-RIB Driving Roller. This rolls the lawn gently while cutting, also insures greater flexibility in handling over uneven ground and on grades.

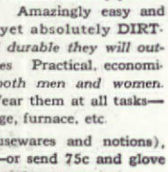
Sizes: 20", 27", 30", 60" gangs.
May be had with Sickle-Bar and Riding Sulky attachments.

MILBRADT MANUFACTURING CO.
Established 1895
2402-04 No. Tenth St. St. Louis, Mo.

Save Your Hands

with these SOFT-LEATHER

GARDEN GLOVES
(Washable)



A new type of glove, of specially processed lambskin, so *SOFT and PLIABLE that they permit almost barehand freedom* Amazingly easy and comfortable to work in, yet absolutely DIRT-PROOF *and so tough and durable they will outwear 6 pairs of fabric gloves* Practical, economical hand protection *for both men and women.* Wash them if you like Wear them at all tasks—gardening, housework, garage, furnace, etc

Sold at dept. stores (housewares and notions), seed and hardware stores—or send 75c and glove size to The NATIONAL GLOVE CO., Dept A4 Columbus, Ohio

National Eezy Wear Gloves

sistance to our personal philosophy. Through the intangible effect of this sensitiveness to the orderly life of the earth is acquired a strength that functions not only for our own personal resistance to unhappiness but contributes largely to our value as a citizen. We increase in decency, civilization, and culture. There is no really cultured person who does not respond to the life of the earth. Knowing and loving the earth does enhance this business of living. It establishes an escape and an experience that does aid us in the sordid round of detail. Nothing much matters when we are in the absorbing act of gardening.

It is amazing how gardening increases our sense of the mystery of life. This digging in the black loam of the soil, this planting of a tiny seed and its resultant wonders, does bring back something of that deep appreciation of the divine pattern that is akin to a religious ecstasy. You become not only conscious of the strange renewal of life but you become part of it. Once you have experienced that partnership with nature, it is impossible to do without it. A nostalgia for a garden possesses us when we are torn from it, and nothing makes us completely happy until we are on our knees to the earth again. A garden is at once a temptation and a challenge. We may work, sweat, plan, struggle; but one tall spire of curving delicate Columbine will rest our aching muscles; one straight shaft of heavenly blue delphinium will answer our wonder about life. A garden is the answer to all human doubt.

Although the physical, mental, and spiritual benefits do accrue to the personal regeneration of the gardener, and do serve to increase his sense of a happy philosophy of life, the greatest of all moral values of a garden is not what it does to the individual but to the community. Turning a deadening waste of brown earth into a riot of beauty and color, in short making a thing of beauty where none existed, is in itself an act of highest morality. If we can make our community garden-conscious, we have added to the happiness of the world—no small achievement.

We need beauty, kindliness, and happiness. All over this harassed world, we need the qualities that come from unselfish coöperation. Even if you and I persevere with a rich energy and a constant ideal of beauty, we may help by making a garden. This fusion with the earth, this dim vision of the eternal pattern, this eagerness for beauty, all grow with the making of a garden. All these splendid and fundamental virtues that we put into the making of a garden

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SUCCULENTS

atured in the April GARDENERS' RONICLE is an article on "Succulents d Cacti" by Ladislaus Cutak of the Mis-uri Botanical Garden. Those who grow ese plants (either indoors or in the gar-n) will appreciate Mr. Cutak's expert ad-ce. Among the many other fine articles in is issue, are "Lawn Care" by Charles K. allowell and "Herbs" by Annie B. Carter. nd 25c for your copy today or, if you efer, try an introductory subscription of months for $1.00. $2.00 by the year.

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Plants that like lime

[*Continued from page 20*]

The majority of trees grow best on neutral or acid soils, but Catalpa, Redcedar, Hickory, Walnut, and Yellow Locust are sensitive to soil acidity and thrive on well-limed soils. In fact, a native grove of Yellow Locust is always an indication of an outcrop of limestone. The Chestnut Oak and Walnut grow naturally on limestone, though the latter can be raised on slightly acid soil. The She-Oak (Casuarina) an evergreen of the southwest resembling the Pine, must have a strongly alkaline soil.

The late E. H. Wilson, in describing the various ornamental Crabapples introduced by him from Asia, said: "A good stiff loam is ideal for these Crabapples, and they do not by any means object to lime." Our Hawthorns thrive on heavy lime soils and the alkaline loving Buffalo-berries (Shepherdia argentia and S. canadensis) are beautiful plants when that simple need is supplied. The Bottle-Brush (Callistemon) demands an alkaline soil, and the beautiful Garlandflower (Daphne cneorum) will do much better when given a slightly limed soil. The Shrubby Clematis and large flowered Clematis climbers all do their best

[*Please turn to page 112*]

Gardens and morals

[*Continued from page 110*]

will in some measure find their sweet way into the heart of the beholder.

Deep in the oldest tradition of the human race dwells an affinity with the earth. From her fertility we gain bodily sustenance; from her natural law we gain stability of order; from her patient revivals we learn the lesson of resurrection.

There is a keen awareness of the mystery of life in the steady routine of a garden. The dull, dormant seed, sunken into the warm bosom of the earth; the welcome slash of the silver rain, the wonder of the first green shoot, the bud, the blaze of blossom, the whole cycle of life, unfolded and made known. Is it any wonder that uniting in this cycle, living and partaking of its mystery, every gardener who plants a seed, regards his garden as a moral blessing? I would teach morality by making a garden!

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Plants that like lime

[*Continued from page 111*]

on limed soils and the latter should also be placed where they can be sheltered from trying winds and hot sun.

The ideal bed for growing Cactus is a mixture of sand and old lime mortar placed in a sunny hot location. Some of our favorite perennials display a decided preference for alkaline conditions. All the Aquilegias, except the Rocky Mountain Columbine, love a limey soil and Delphiniums and Gypsophilas enjoy the same conditions—the very name of the latter even tells you so! Gladiolus will grow well in good garden soil, but if Sorrel (Sour-grass) be found in the same location, lime should be added. All the rhizomatous Iris need an open sunny place and prefer some lime or old lime mortar mixed with the soil. At the time of planting Peonies, five pounds of lime to each one hundred square feet of ground surface is advised by some good growers, and the gardener who raises lovely Flaxes will give them their favorite conditions—a light, limey soil with good drainage.

Among the annuals asking for alkaline soils are Mesembryanthemum, Sunflowers, Poppies, Candytuft, Sweet Alyssum, Impatiens, Carnations, Mignonette, Nasturtium (Tropaeolum), Phlox, Pansies, Hunnemania, Scabiosa, Dianthus, Stocks, and Asters. All these will succeed best in a loose well limed soil, the lime applied at planting time at the rate of one pound to twenty-five square feet of bed every two years. Sweet-peas do best in slightly alkaline soil secured at the time of planting by adding five pounds of lime to every one hundred linear feet of trench, on an average medium soil.

All the following rock garden plants grow most freely when set in well-drained lime-impregnated soil or among lime stones, in the sun: Dryas octopetala, Anemone pulsatilla (Pasque-flower), Androsace, Dianthus alpinus, Aethionema, Tulipa saxatilis, and T. kaufmanniana, Omphalodes luciliae, Aster alpina, Edelweiss, and the encrusted Saxifrages.

Polypodium calcareum, or Limestone-fern, is a form of the Oak-fern thriving among pieces of limestone rubble in the shade.

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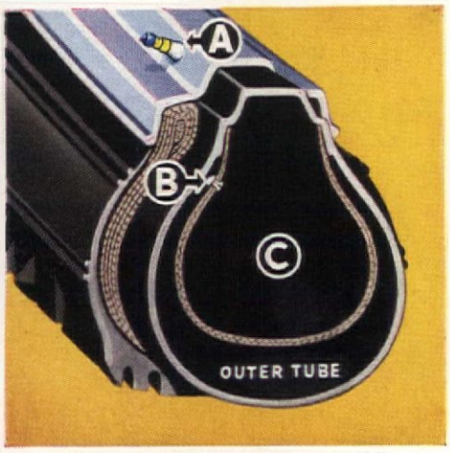

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