

HOUSE & GARDEN

UNIVERSITY OF MICHIGAN

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Price 35 Cents



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46

NOVEMBER 1938

DOUBLE NUMBER

SECTION I. HOUSE FOR TWO
SECTION II. HOME OF TOMORROW

To women
who sleep in
single beds

**THIS SUPER-SOFT BLANKET
KEEPS YOU TUCKED IN!**

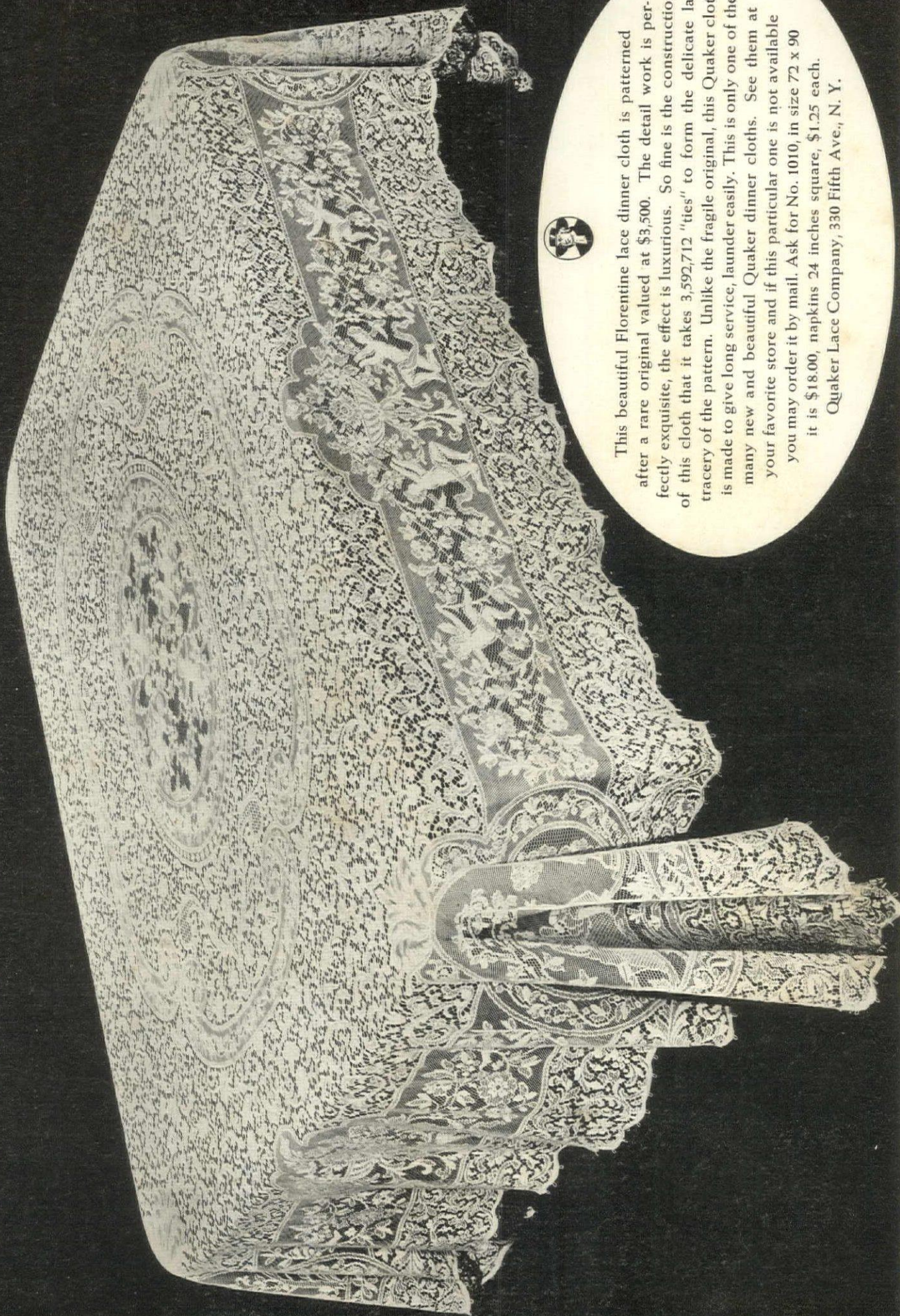
Sink into bed with a North Star Zephyr—and you'll hate to get up. To slumber beneath this super-soft blanket, made through and through with purest fleece wool, is the last word in boudoir luxury. It's custom tailored to keep you comfortably tucked in, whether you sleep in single, twin or double bed. Your choice of North Star's newest bedroom colors: ashes of roses, Delft blue, French blue, chamois, eggshell, dusk orchid, rosepink, Araby green, and white; each smartly bound with rich 5-inch silk-satin. *Zephyr* is a proud member of North Star's family of fine all-wool blankets. See—and feel—they at all leading stores.



SLEEP SERENELY UNDER
NORTH STAR
All wool
BLANKETS

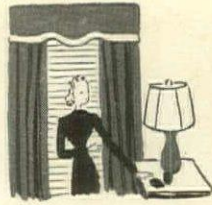
\$6⁹⁵ to \$60⁰⁰

A QUAKER LACE DINNER CLOTH THAT RIVALRS THE \$3,500 ORIGINAL



This beautiful Florentine lace dinner cloth is patterned after a rare original valued at \$3,500. The detail work is perfectly exquisite, the effect is luxurious. So fine is the construction of this cloth that it takes 3,592,712 "ties" to form the delicate lace tracery of the pattern. Unlike the fragile original, this Quaker cloth is made to give long service, launder easily. This is only one of the many new and beautiful Quaker dinner cloths. See them at your favorite store and if this particular one is not available you may order it by mail. Ask for No. 1010, in size 72 x 90 it is \$18.00, napkins 24 inches square, \$1.25 each.

Quaker Lace Company, 330 Fifth Ave., N. Y.



BOOKLETS



Just write to the addresses given for any of the interesting booklets listed here and in Section II. They're free unless otherwise specified.

Furniture

DECORATING THE HOME WITH MODERN is the title of a new furniture booklet, just off the press. In addition to a profusion of room scenes and groupings, an interesting feature is "Do's and Don'ts in Modern Decoration". For your copy, write to **DUNBAR FURNITURE CO., DEPT. HG-11, BERNE, IND.**

MODERN FURNITURE is a charming loose-leaf portfolio showing room settings and individual pieces designed in the modern manner, for the graciously livable American home. It offers an individual decoration service for those who may be re-decorating or furnishing a new home. Send 15c. **MODERNAGE, DEPT. HG-11, 162 E. 33RD ST., N. Y. C.**

HISTORICALLY AUTHENTIC Colonial Reproductions, shown in this booklet, are copied (with Henry Ford's permission) from pieces in the Edison Museum—or from masterpieces in other museums and private collections. Send 10c. **COLONIAL MFG. CO., 311 COLONIAL AVE., ZEELAND, MICH.**

OLD COLONY MAPLE FURNITURE poses some decorative problems—and solves them. Heywood-Wakefield pictures charming rooms and groupings of Colonial furniture to show how livable a home you can make with maple! Send 10c. **HEYWOOD-WAKEFIELD, DEPT. D-11, GARDNER, MASS.**

TRUTYPE REPRODUCTIONS. Two attractive booklets describe the grace and beauty of fine furniture copied by expert craftsmen from authentic Early American pieces. **STATTON FURNITURE MFG. CO., DEPT. HG-11, HAGERSTOWN, WASHINGTON CO., MD.**

Silver, China and Glassware

ALVIN offers folders on the newest patterns in sterling, with a price list to help you plan your flatware service. There's one on Mastercraft, a contemporary pattern; and on the popular Bridal Bouquet, Maytime and Chased Romantique. **ALVIN SILVERSMITHS, DEPT. HG-11, PROVIDENCE, R. I.**

ENJOY YOUR SILVER. You'll refer to this booklet for sketches of correct table settings, ideas on entertaining—information on the care of your silver—original suggestions for using silver with flowers. It shows the lovely Gorham sterling. Send 10c. **THE GORHAM CO., DEPT. HG-11, PROVIDENCE, R. I.**

HOW TO BE A SUCCESSFUL HOSTESS is one of the most enlightening booklets for the bride—a guide to smart usage—with chapters on correct and distinguished table settings—with menus, diagrams, photographs, and information on silver and service. Send 10c. **REED & BARTON, DEPT. HG-11-38, Box 990, TAUNTON, MASS.**

THE RISE OF WEDGWOOD tells of the beginnings of the famous Queen's Ware, Black Basalt and Jasper Ware—and the story of the master potter and his family. In a pocket at the back, there are loose-leaf color illustrations showing a number of the most prominent patterns. Send 10c. **JOSIAH WEDGWOOD & SONS, DEPT. HG-11, 162 FIFTH AVE., N. Y. C.**

ROYAL COPENHAGEN PORCELAIN. An unusually fine showing of modern and traditional open stock patterns of Danish porcelain and faience dinnerware. There are also beautiful vases, lamps, trays, and figurines bearing the famous Copenhagen trademark. **GEORG JENSEN, DEPT. HG-11, 667 FIFTH AVE., N. Y. C.**

ACHIEVEMENT is a little history worth reading—a story of the potteries that make fine Syracuse China. It tells of their pioneering in perfecting the manufacture of the vitreous, strong type of tableware known as "American China". **ONONDAGA POTTERY CO., DEPT. HG-11, SYRACUSE, N. Y.**

TABLE ARCHITECTURE works out a clever idea in crystal, with lovely, simple bowls, flower-holders and candlesticks that can be arranged in an endless variety of tasteful settings. Other Cambridge folders show exquisite designs in stemware and crystal dinner services. **THE CAMBRIDGE GLASS CO., DEPT. HG-11, CAMBRIDGE, OHIO.**

MODERN DECORATIVE TABLES is the work of an authority on table settings—a collection of fourteen tables charmingly arranged, with Fostoria crystal, for formal and informal occasions from breakfast to midnight supper. **FOSTORIA GLASS CO., DEPT. HG-11, MOUNDSVILLE, W. VA.**

MOODS IN GLASS is a little folder of exquisite decorative glass by Verlys, which originated in France, but is now made in this country for considerably less than the import price. Each "sculptured" bowl and vase is hand-molded and individually signed. **VERLYS OF AMERICA, DEPT. HG-11, 342 MADISON AVE., N. Y. C.**

Clocks and Gifts

CHELSEA CLOCKS will give you some new gift ideas. Some of the clocks illustrated use the ship's wheel design, in bronze—others have a ship's bell strike—or a twin set of clock-and-barometer. Others are smartly modern with no flavor of the sea at all. **CHELSEA CLOCK CO., DEPT. HG-11, 282 EVERETT AVE., CHELSEA, MASS.**

SETH THOMAS CLOCKS presents the 1938 models of this famous clock-maker, in celebration of the company's 125th anniversary. The fifteen models shown include self-starting electric-ships' bell and other chime clocks—traditional and modern designs for the entire house. **SETH THOMAS CLOCKS, DEPT. A, THOMASTON, CONN.**

TELECHRON says, "the perfect gift is time". And to help you select the perfect timepiece for every room, their pocket-size booklet shows more than 30 different electric clocks—all accurate time-keepers—to suit all sorts of decorative schemes. **WARREN TELECHRON CO., DEPT. HG-11, ASHLAND, MASS.**

"**IKEBANA**" II is a new booklet of 20 beautifully illustrated pages on Japanese flower arrangement, by native masters. It shows many of the accessories needed for this fascinating art of the Orient. Send 10c. **YAMANAKA & CO., DEPT. HG-11, 680 FIFTH AVE., N. Y. C.**

GIFTS 1938 is a catalog of carefully chosen gifts, to make your reputation as a giver of something useful, exciting, different. Everything from Mediterranean baking shells and sizzling platters to ski skates and weather forecasters—things to use and wear and enjoy! **ROBERT W. KELLOGG CO., 72 HILLMAN ST., SPRINGFIELD, MASS.**

DANIEL LOW'S new gift catalog is the annual book of Christmas suggestions by a famous old New England jeweler who has sold by mail all over the world for 70 years. It contains hundreds of gift ideas, from inexpensive trinkets to sterling silverware, watches and jewels—from smart travel accessories to fine china and glassware. **DANIEL LOW & CO., 215 ESSEX ST., SALEM, MASS.**

CHRISTMAS 1938 is F. A. O. Schwarz's famous catalog of games, toys and sports gifts for indoors and out—from all over the world. It's a never-ending procession of dolls, their wardrobes and houses; toy animals and whole farms; stores for the "big business" man; and kitchen equipment for the "littlest" housekeeper. **F. A. O. SCHWARZ, DEPT. HG-11, 745 FIFTH AVE., N. Y. C.**

ABERCROMBIE & FITCH—in their Christmas catalog—have gathered, from the far corners of the world, hundreds of distinctive gifts, with the accent on sports and the out-of-doors. There's also a collection of unusually fine toys for the children on your list. **ABERCROMBIE & FITCH, DEPT. HG-11, MADISON AVE. AT 45TH ST., N. Y. C.**

Decoration

CARE OF RUGS AND CARPETS. Do you know which weaves and colors wear best—what to do about shading, "fluffing" and missing tufts—about damages and stains? Here are some first-hand facts, a series of first-aid treatments—and information about Sloane's expert services in cleaning, repairing and re-weaving. **W. & J. SLOANE, DEPT. HG-11, 575 FIFTH AVE., N. Y. C.**

CARPET MAGIC, by Clara Dudley, tells when to choose wall-to-wall carpet, and when broadloom rugs. It gives you 12 complete room schemes, in full color, in which a decorator selects not only the rugs, but harmonizing draperies, furniture fabrics and wallpaper. **ALEXANDER SMITH & SONS CARPET CO., DEPT. HG-11A, 295 FIFTH AVE., N. Y. C.**

YEARS CAN BE ADDED to the Life of Your Mohawk Rug... says this pamphlet of practical pointers on the care of carpets. It tells how to sweep, clean, remove spots and chewing gum; and what to do about stains, burns and holes. **MOHAWK CARPET MILLS, DEPT. HG-11, AMSTERDAM, N. Y.**

HOW HOLLYWOOD STARS Curtain their Windows. A picture-booklet of gracious interiors, and close-ups of curtain styles and patterns that harmonize with every decorative theme. **QUAKER LACE CO., DEPT. HG-11, 330 FIFTH AVE., NEW YORK CITY.**

INTERIOR DECORATION and How to Learn It describes a home study course, directed by well-known decorators. The lessons are designed to make you an expert in decorating your own home—or to start you off as a professional. **ARTS & DECORATION HOME STUDY COURSE, DEPT. HG-11, 114 E. 16TH ST., N. Y. C.**

Travel

HAWAII tells its alluring story in a booklet (send for it if you have a ghost of a chance to travel westward). The spell of enchanted islands carries over into the fine photographs, and the very names of places such as Honolulu, Waikiki, Oahu! **MATSON LINE, DEPT. HG-11, 30 ROCKEFELLER PLAZA, N. Y. C.**

DESERT RESORTS of Southern California. Ten Palm Springs hotels combine their story in one booklet packed with pictures of that alluring oasis, with its mild sunny climate, majestic scenery, and every luxury, comfort and sport for the most perfect vacation. **PALM SPRINGS ASSOCIATES, ROOM 1, PALM SPRINGS, CAL.**

MIAMI BEACH invites you South for the Winter with a booklet literally overflowing with pictures of things to do and places to see—illustrating a lively story of a glorious vacation in the sun. Write for **BOOKLET H-2, MIAMI BEACH CHAMBER OF COMMERCE, MIAMI BEACH, FLA.**

"**GRIPSHOLM**" CRUISE Around South America describes an intriguing itinerary for a winter holiday, that takes you to the ancient Inca Lands and the magnificent cities of the Argentine, Chile and Brazil—then on to Para, and the lower reaches of the Amazon. **THOS. COOK & SON, DEPT. HG-11, 587 FIFTH AVE., N. Y. C.**

CARIBBEAN SOUTH AMERICAN CRUISES takes you to 8 exciting ports-of-call, giving you the option of such thrilling shore excursions as a 160-mile drive through Venezuela, or a visit, in Haiti, to the ruins of Henri Christophe's Palace of Sans Souci, and the famous Citadel of LaFerriere. **GRACE LINE, DEPT. HG-11, 10 HANOVER SQ., N. Y. C.**

THE DESERT INN. Send for the folder picturing this vacation hotel that preserves the tradition and spirit of early California. It will give you rates—and views of the 35-acre park that provides "everything under the sun for entertainment". **DESERT INN, SUITE A, PALM SPRINGS, CAL.**

SOUTH AMERICA. A brief folder of fares and sailing dates introduces you to the ships of "The Good Neighbor Fleet"—express liners that sail to travel-famous Rio de Janeiro, Santos, Montevideo, Buenos Aires and Trinidad. **AMERICAN REPUBLICS LINE, MOORE-McCORMACK, AGENTS, DEPT. HG-11, 5 BROADWAY, N. Y. C.**

THE FOUR SEASONS IN ITALY. A booklet of irresistible charm—filled with pictures of places and famous paintings—to help you plan your Winter in the Alps or on the Riviera, Spring in Sicily, Summer on the Lido, and Autumn at Lake Como. **ITALIAN TOURIST INFORMATION OFFICE, DEPT. HG-11, 626 FIFTH AVE., N. Y. C.**

(AS THE SUPPLY OF MANY OF THESE BOOKLETS IS LIMITED, WE CANNOT GUARANTEE THAT INQUIRIES CAN BE FILLED IF RECEIVED LATER THAN TWO MONTHS AFTER APPEARANCE OF THE REVIEW.)

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Besides the graceful *Louis XV* Model illustrated, the MUSETTE is available in 8 other charming and authentic Period Designs — *Colonial, Sheraton, Federal, Early American, Duncan Phyfe, Chippendale, Renaissance* and *Moderne*. MUSETTES are priced FOB New York from \$295 and may be purchased on Deferred Payment Plan.

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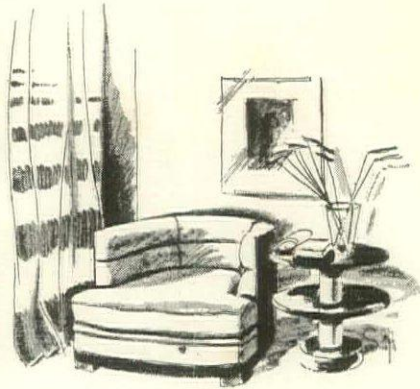
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Jewelers
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for the intimate meal

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Heavily plated on copper, with modified gadroon edge, the 7" platter is \$5. The 8" entree dish, with divider, but without cover is \$6.50. For the two pieces, \$10.95.

The covered entree dish, without divider, is \$7.50—or \$11.95 with the platter.

The covered entree dish, as pictured, with divider is \$9.00—or \$12.95 with the platter.

Shipping charges prepaid in adjoining states. Otherwise collect.

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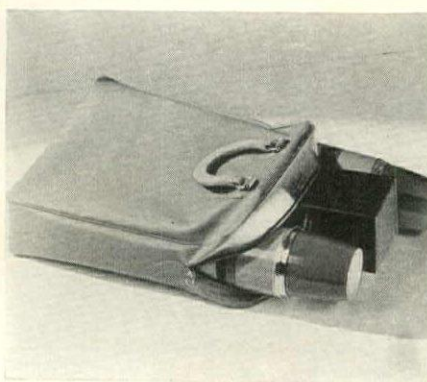
MAYBE you think you can't use more than one sewing basket, but acquire two or three and be converted to the neatness of sewing silks in one, buttons in another, darning equipment in a third. The left nest comprises two, the right three; about 12" across in natural, red and green straw. \$2.50 a set from Gunn & Latchford, 323 5th Ave., New York City



SPREAD the name of your country house to the four winds with a weather vane of your own design. This covered wagon is one of a large assortment of handmade wrought-iron vanes. 22" long, \$8.25. Name plate (2" letters), \$3.50, and \$.30 for each letter over ten. Order this from Carlisle Metal Silhouette Studios, 1548 Main St., Springfield, Mass.



THIS impressive push-cart should inspire neatness in any young person, suggesting as it does a five-o'clock parade around the nursery collecting all the toys in the play-box. Loaded with an exciting selection of playthings, it is bright red, the box part measuring 11" x 18". Costs \$9.75. F. A. O. Schwarz, 745 Fifth Ave., New York City



OUTING KIT

A MUST for Motoring and Football
An outing kit that contains two quart size thermos bottles each with 4 cups and a sandwich box neatly fitted in a pigskinlike case.

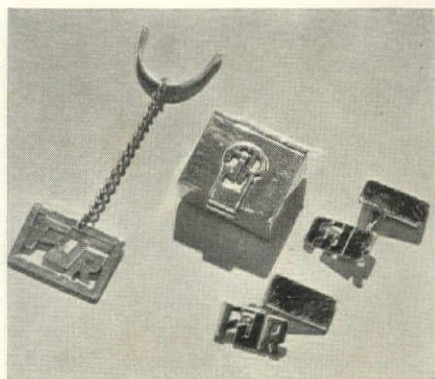
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AROUND

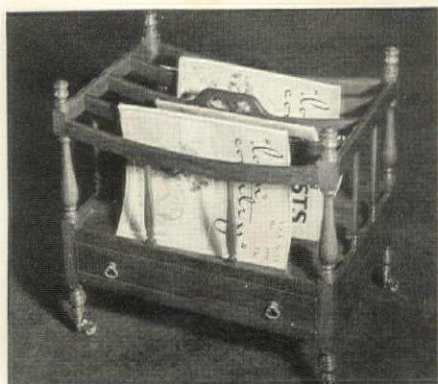
If you are interested in any of the things shown on these pages, kindly send your checks or money orders directly to the shops. In each case, the address of the shop is listed for your convenience.



INITIALLING makes the smallest gift a pretty special offering—therefore we give you this minute group, hand-made of sterling silver. The cuff links $\frac{3}{4}$ " long, the tiny pillbox 1" x $\frac{3}{4}$ ", and initial plate on the key chain 1" wide. Cuff links \$5 a pair; pillbox \$5; key chain \$4. From Can-Dle-Luxe, 542 Madison Avenue, New York City



FUNCTIONALISM enters the muddler field; the ends of these tiny spoons are bent up for correct muddling of the sugar, bitters and lemon peel. Of modern Sheffield silver they are \$5.25 a dozen postpaid; the old-fashioned glasses, in Waterford cutting, \$6.50 for six, express collect from Daniel's Den located at 48 Gloucester Street, Boston, Mass.



18TH Century invention, and boon for a long fire-lit winter evening is the Canterbury, to hold your favorite magazines, newspapers and book selections. The convenient little drawer is for cigarettes, pipe, etc. Of solid mahogany, it's 14" x 19 $\frac{1}{2}$ ", stands 16 $\frac{1}{2}$ " high. The price is \$40. Order it from the Biggs Antique Company, Richmond, Virginia

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A new and different gift! Let Harry and me send your friends, right from our orchards, handsome gift boxes of Royal Riviera Pears, so big and juicy you eat them with a spoon. So rare not one person in 1,000 has ever tasted them! "Tops of any fruit I ever saw or heard of," says Grantland Rice. Send only \$1.98 for each box, express prepaid anywhere in U. S. A. proper, to arrive date you name. Shipping weight, 10 lbs. Ideal for Christmas, birthday, or anniversary gift, and for convalescents. And don't forget a box for yourself! Season, Oct. 15 to Jan. 15. Money back if you are not delighted.

Harry + David BEAR CREEK ORCHARDS
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FOR SMART, MODERN ENTERTAINING—

SMOKED TURKEY



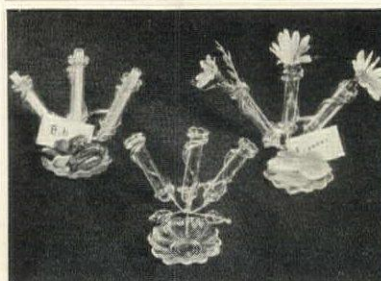
Bring your holiday entertaining up-to-date—serve the year's most talked-of delicacy, Pines-bridge Farm Smoked Turkey!

Your family and guests will be enthusiastic about the delicate white slices, the gamey dark meat of this turkey specialty. Expert curing after a famous Continental recipe, followed by slow smoking over fragrant green applewood fires, brings out unexpected nuances

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Order now for Thanksgiving and Christmas parties—and for those important names on your gift list. Turkeys arrive ready to serve, 7 to 15 lbs., smoked. \$1.35 a pound, express prepaid. Your money refunded if you are not satisfied. A postcard brings an interesting folder, TURKEY SMOKER.

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It looks like a crystal flower

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Cheese to please the connoisseur—English Stilton in Port, Holland Edam in Sauterne, English Cheddar in Sherry. In crocks that are packaged with convenient wire rack server in attractive and useful hand-box. After cheese has been consumed, rack and crocks may be used for many purposes.

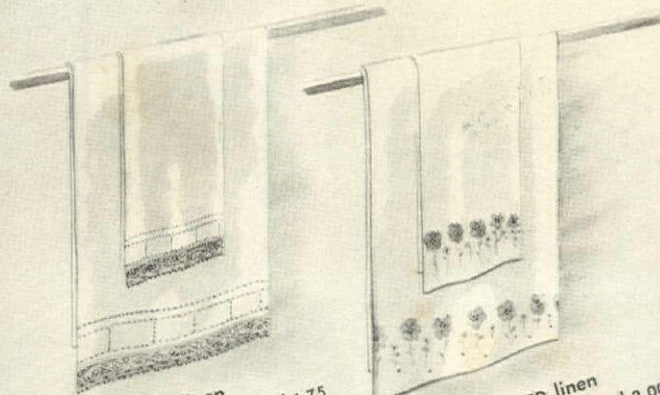
Set of three 5 oz. crocks...\$2.25
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Check or money order. If west of the Mississippi River, add 25c for postage.

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MILAN-LIKE LACE linen
finger towel 1.00. Hand towel 1.75

SWISS EMBROIDERED linen
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Matching breakfast sets 6.75

Gifts of HUNDREDS of UNUSUAL GIFTS Selected from the WHOLE WIDE WORLD

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Here is No. 309

A patented high grade tool made for real service. The handle (diameter 3/8 inch), which just fits the hand comes equipped with two standard batteries, replaceable anywhere at the "5 and 10" for a nickel apiece. 8 1/2 inches long. Worth its weight in rubies for use down cellar, around boats, on engines, etc. You could hardly find a male who wouldn't want one.\$1.00



No. 149.

Eat and drink comfortably in your car. This automobile serving tray lets you laugh at rain or the lack of comfortable picnic grounds. It can be set up at window ledge in 5 seconds inside your car. Rubber tips can't mar finish. Fits all makes of cars; is simple, roomy and steady. White duco. 12 x 9 inches. Folds flat when not in use.\$1.00
Four for \$3.85



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Gracefully modeled figure of charming proportions, delightfully poised, can be used in a fountain or pool or on a pedestal at the end of a short vista.



Lead 21" \$50.00
Lead 36" 150.00
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Garden Decorations

Illustrated brochure of distinctive bronze, lead, marble, terra-cotta, stone and composition stone on request.

Galloway Pottery on display

Erkins Studios

Established 1900

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18 x 8 x 6 1/2" high: \$10

Bowl No. 1010

For Planting, Cut Flowers, or Fruit

In high-fired turquoise glaze. Other colors on order. One of many designs in our extensive collection of Garden and Decorative Pottery.

Information on Request

GALLOWAY POTTERY

3218 WALNUT STREET PHILADELPHIA, PA.



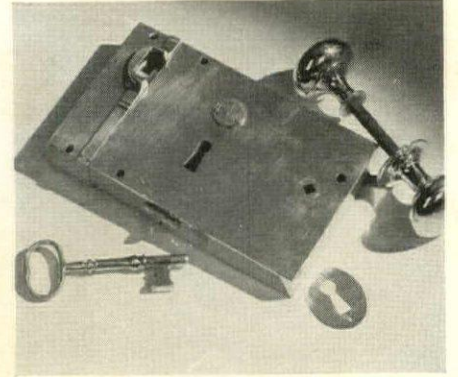
Love, The Peddler

knocks at your door to remind you of the permanency of a handsome gift of lead, bronze, or wrought iron fitting. Send for a catalogue.

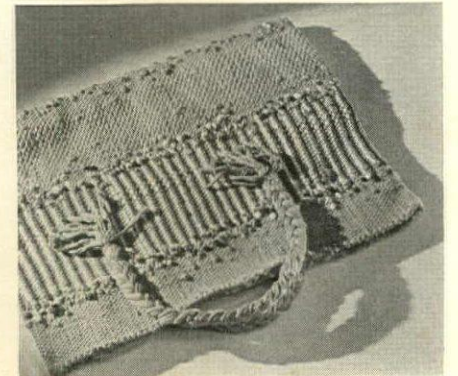
The Florentine Craftsmen, Inc. MANUFACTURERS
540 First Avenue New York

SHOPPING

WIDE doors of Kentucky mansions boasted locks like this, their size almost belying traditional Southern hospitality. This reproduction is 4 5/8" x 7 1/2"—one inch thick, and the key is 4 1/8" long! Specify thickness of door and whether lock will be at right or left. In solid brass, \$22.75 from Austin Brucklacher, 313 Camp St., Louisville, Ky.



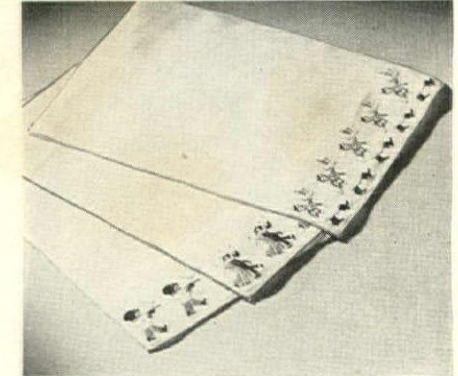
PAY your knitting the compliment of a hand-made background—a gay rag knitting bag from the Georgia mountains. It's a generous size—12" x 15". This one is Delft blue and white, but you can choose almost any color you like. Costs \$1.50 (\$1.75 with zipper closing) from High Acres Mountain Guild, Flowery Branch, Georgia



QUAINTLY flavored with a periwigged past are these little snuff-boxes, to hold saccharine or pills or aspirin for modern mademoiselles. The little round one, with silver fleur-de-lis design, is 1" across; the second, with tiny repoussé figures, 1 1/2" long. They cost \$1.25 each, and come from Malcolm's, 524 North Charles St., Baltimore, Maryland



COCKTAIL napkins—one of those things you can never have too many of—and these are so attractive they'll be abducted as souvenirs by the most moral of your guests! They're white linen, edged and hand-embroidered with little parades of waiters, dancers and other figures. 12, in assorted designs, cost \$5.50 from Coulson at 730 5th Avenue, N. Y. C.



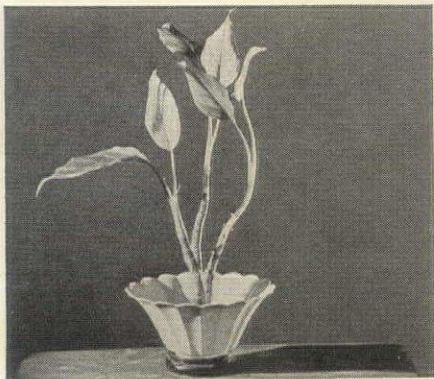
3-compartment cigarette box with hinged cover, monogrammed, has a silver deposit outlining the top, 6 1/2" long, \$7.50; single compartment box, 4 3/4" long, \$6.50. Hand-made sterling ash tray monogrammed \$4.00; plain \$3.00. Match box to match, monogrammed, \$2.00. (Underline initial of last name when ordering.) No C.O.D.

THE CAN-DLE-LUXE SHOPS Inc.
542 Madison Avenue New York

AROUND



THE tallest of these little brass ducks stands only three inches high, yet they might have walked straight from the barnyard onto your desk, so pert of line and lifelike of pose are they. To fit short candles, they are made of hand-polished brass, and cost \$2.50 a pair. Order some of them from Garret Thew Studios located in Westport, Connecticut



ORIENTAL symbolism calls this exquisite fluted bowl "Chrysanthemum", and its delicate flaring shape makes a charming background for these lovely fall flowers. Finely crackled in finish, it comes in oyster white, cream white, or turquoise blue. It measures 6½" across; with teak-wood stand costs \$5 from Yamanaka, 680 Fifth Avenue, New York City



COCKTAIL plates have surely made their appearance at your five-o'clock gatherings, and these have an 18th Century appeal to add to their 20th Century purpose. 5" square, they are in assorted pastel shades, hand-painted with scenes from Charles Dickens' stories. They cost \$6 a dozen from Rendezvous Gift Shop, Asbury Park, New Jersey



GILDING the lily again, we are, but, meeting a fat little mustard-pot like this, who could resist? For dressing up the lowly spice, nothing more dignified for your formal tables. It's modern Sheffield silver, 2" high, with a useful blue glass liner to hold the mustard. The price is \$8.50 and you can order it from Hampton Shops, 18 E. 50th St., N. Y. C.



Serve delicious Crêpes Suzettes and climax your dinner with this flaming Epicurean triumph of old New Orleans. Crêpes Suzettes are wafer thin pancakes, glorified with vanilla, sugar and orange peel; then ignited with brandy and served piping hot. These special Crêpes Suzettes Chafing Dishes are suitable for many purposes. Made in England, exclusively for Waldhorn of the finest silver plate. \$48. Recipe with each dish.

New Orleans Crêpes
Suzettes Dishes

WALDHORN CO., Inc.

Dealers in Antiques
ESTABLISHED 1881

ROYAL STREET NEW ORLEANS

INTERIOR DECORATION

FOUR MONTHS PRACTICAL TRAINING COURSE

Spring Term Commences February 1st

Intensive training in the selection and harmonious arrangement of period and modern furniture, color schemes, draperies, wall treatments, etc. Faculty composed of leading New York decorators. Cultural or Vocational Courses. Also two-year course in Design. Day or Evening Sessions. Send for Catalog 1-R

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Those who cannot come to New York may take the same subjects by the Home Study method. Students obtain personal assistance from our regular Faculty. No previous training necessary. Practical, simple, authoritative and intensely interesting course. Requires a few hours weekly in your spare time. Start at once. Send for Catalog 1-C

NEW YORK SCHOOL OF INTERIOR DECORATION

515 Madison Avenue Established 1916 New York City



Tomato Juice, Shrimp, Oyster
Cocktail Iceer
of lovely, glowing crystal
that makes your table sing!

Nothing is more beautiful than beautiful glass and nothing more versatile than these charming three-piece sets. They really keep things cold, too. Good gift idea!

4 sets \$4.50 postpaid anywhere in U. S.

Please send check or money order

MALCOLM'S

HOUSE & GARDEN STORE

524 N. CHARLES ST., BALTIMORE, MD. U. S. made

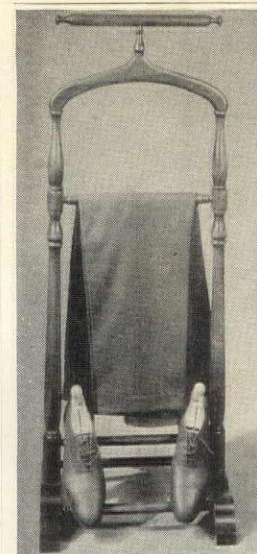


Monogram in Needlework

—makes the luggage rack gift more personal. It's new, easy to work and a smart gift for Christmas. Complete with yarns, monogram stamped on canvas. 8.50; with monogram finished in needlepoint, 12.50. Rack in ivory, mahogany or walnut finish.

Alice Maynard

558 MADISON AVE., NEW YORK



Valet Rack—for men who dress in a hurry! Saves time and temper. Keeps clothes neat. Holds underwear, socks, shirt, suit, shoes. Mahogany, maple, or walnut finish . . . \$ 9.85
Modern chromium . . . 24.75

FREE! LEWIS & CONGER'S BOOK of CHRISTMAS IDEAS for ORIGINAL GIVERS

This exciting 36-page illustrated book is crammed with gift inspirations for everybody from the gracious hostess to the globe-trotting uncle. Useful and out-of-the-ordinary presents fully described and illustrated. Prices to suit every budget. An easy way for out-of-towners to do Christmas shopping at one of New York's most talked-about stores. Just send in the coupon.

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- Please send me a Free Copy of your Christmas 1938 Catalog G-11.
- Please send me a Valet Rack. Finish Price
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Established 1830

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Green Turtle Soup

with Bellows Sherry or Madeira

Full flavored, delicious soup, with large luscious pieces of finest West Indian Turtle Meat, and our own imported Sherry or Madeira, as preferred.

\$1.75 per 30 ounce jar

New catalogues on request

69 East 52nd Street, New York
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CANEWOOD FARM HAMS



SUGAR CURED HICKORY SMOKED THOROUGHLY AGED

Cured on our farm these hams of the Old South are a rare delicacy. 9 to 20 lbs. 50c per lb., postage extra

Cooked hams furnished on special order. Safe delivery guaranteed.

CROSBY BROTHERS

Canewood Farm, Box 30, P.O. Spring Sta., Ky.

MY FINEST CALIFORNIA FRUITS SENT ON APPROVAL

Family Assortment
10lb. Delicious SUN-RIPE Fruits
Packed in 2 Redwood Boxes

2 1/2 lbs. LARGE WHITE FIGS } \$3.00
2 1/2 lbs. CALIFORNIA DATES }
2 1/2 lbs. MAMMOTH PRUNES } Express
2 1/2 lbs. WHITE RAISINS } Prepaid

Send no money now. Pay me after you taste them.



Canoga Farms, R.F.D. 2, Encino, Calif.

Gentlemen, kindly send me your special family size assortment of SUN-RIPE fruits all charges prepaid.

If after sampling the fruit I am not entirely satisfied I will return the rest to you at your expense, or I will send you the \$3.00 by return mail.

Name.....

Address.....

City..... State.....

Bank or other reference.....

If you wish to send check with order I will include a sample of my delicious DATE-NUTS.

Gleaming Glass



SWANS

To Grace Your Dinner Table or Your Mantel

An Unusually Decorative Flower-Holder

They come in Crystal, or in delicate shades of Blue or Green.

Swan 6 1/2" high.....\$1.25 each

Swan 8" high.....\$2.50 each

Prepaid in U. S. A.

RENDEZVOUS GIFT SHOP

252 Bangs Ave. (Dept. F), Asbury Park, N. J.

Large Fancy Paper Shell PECANS



A GIFT FOR THE GOURMET

or

A Fitting Complement To Your Own Holiday Dinner
Packed in 5, 10 and 20 lb. Packages

5 lbs. \$2.25

10 lbs. 4.00

20 lbs. 7.75

Sent express prepaid

SOUTHERN FARMS COMPANY

P. O. Box 405 Thomasville, Georgia

English Bone China



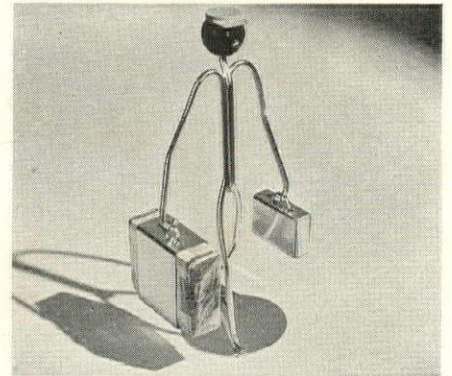
America's largest retail selection at lowest prices of open stock English Bone China. *New dinnerware booklet will be sent on request.*

HERBERT S. MILLS

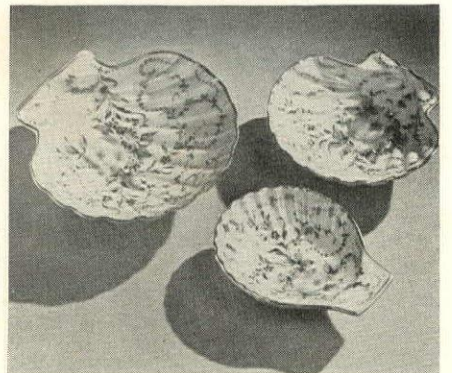
11 KING ST. E., HAMILTON, CANADA

SHOPPING

"Yas—suh! Yo' cigarette, suh, and yo' light right ready to hand. Thank you, suh!" Your cigarette quota will go up just for the pleasure of letting this Redcap serve you. He stands 8 1/2" high, is made of silver plate with a black plastic head, red plastic top. His price is \$3.00 and you may order from Scully & Scully at 506 Park Avenue, N. Y. C.



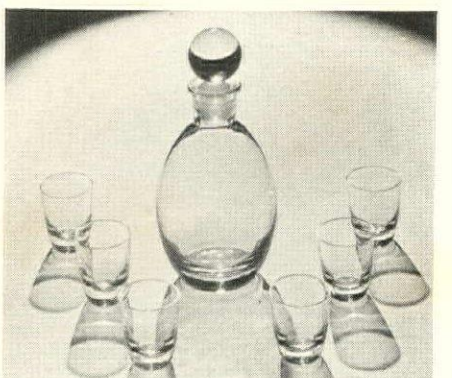
FRESH out of France come these exquisite scallop-shell ashtrays, delicate accent on a rococo console. The ground is white porcelain, hand-painted in gold, pale pink and pale blue. The largest measures 4 1/2" across, costs \$5; the two smaller ones cost \$4 and \$2.50 respectively. Order from Alfred Orlik at 395 Madison Avenue, N.Y.C.



BRIGHT conveniences for a winter fireside are these two English designs — helmet-shaped coal-scuttle and lyre trivet. The hand-hammered brass scuttle, 8", 9" or 10", is priced at \$6.50, \$7.50 and \$8.50. The trivet, 6" high in brass and wrought iron with wooden handle, costs \$5, easily carries a hot toddy-pitcher. Paleschuck, 37 Allen St., N. Y. C.

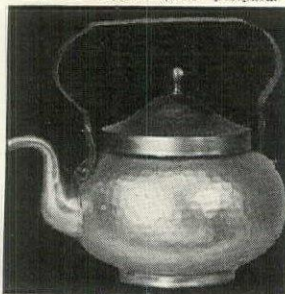


If your preferences are for whiskey neat and glassware simple, you should treasure this discovery. For cordials, too, it has forthright charm with your finest coffee service. Heavy-based, in clear blown crystal, the set of six glasses and decanter will cost you \$3.50. You can order them all from Reits Glassware, 613 Lexington Avenue, N. Y. C.



• DECORATIVE UTILITY •

Tea for two or ten! Beaten Brass KETTLE. Safely pewter lined. Also in copper. \$3.75 postpaid.



The SAUGUS POT to light your logs! No kindling needed. Simply fill pot with kerosene.



Black cast iron, brass trim. \$3.75 postpaid.

FOR FIREPLACE FUN!

Each of our solid brass TOASTING FORKS is of an unusual English pattern. \$1.00 postpaid.



Mail 10c for metal ware catalog 8-11

ADOLPH SILVERSTONE

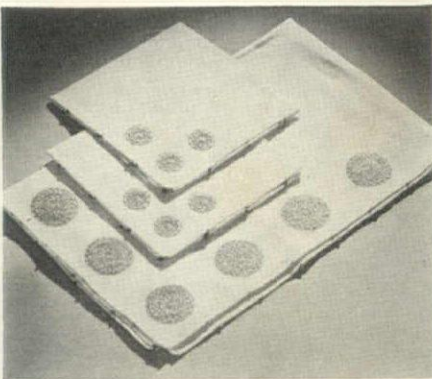
Established 1898

21 ALLEN ST. NEW YORK CITY

AROUND



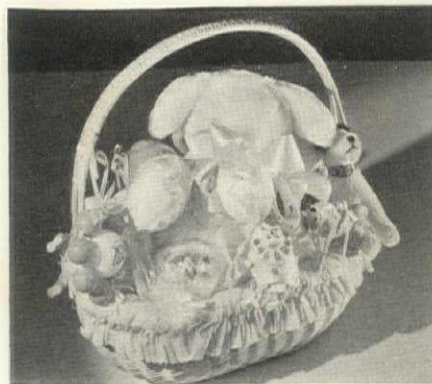
"GIRO", of course, is not one of the more useful animals in the zoo, but he has a peculiarly endearing quality which should carry him far in the eyes of the younger generation. He is made of nice brown leather, hand-stitched from nose to fringed tail, and stands 9½" high (at the head!). Available from Alice Marks, 6 E. 52nd St., New York City



BREAKFAST is brighter, your morning mail more inspiring, on a gaily naïve little breakfast set. This one caters to your taste for simplicity and restraint—it's of plain linen with chaste embroidered circles as its only decoration. White stitching on rust, or white ground stitched in rust, yellow or white; \$7.75 from Leron, 745 Fifth Avenue, N. Y. C.

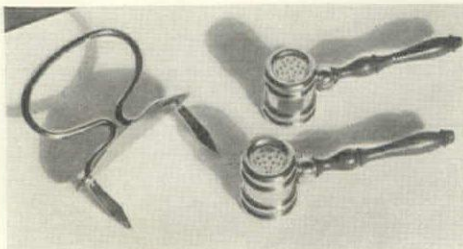


CHASTE finish to a perfect meal are fingerbowls plain as these, their clean line and delicate beaded ornament leaving our editorial vocabulary a downright dearth of description. They come in sets of eight, each 5" across, in assorted clear colors, pale amethyst one of the shades. \$7 a set from Lambert Bros., Lexington Ave. and 60th St., N. Y. C.



BOON to young uncles who profess limited knowledge of the recreational tendencies of two-year-old nephews and nieces, this wicker basket crammed full of rubber duck, pink elephant and other juvenile delights. The basket comes wrapped in Cellophane, tied with pink or blue. \$8.75 from F. A. O. Schwarz, 745 Fifth Avenue, New York City

For Thanksgiving & Christmas Tables



Roast Holder for the family carver. Nickel-plated brass, 2½" between the prongs, \$2.50.

Gavel Salt and Pepper Shakers. Non-tarnishable silvery metal, with brown wood handles, 4½" long, \$3.00 Pair.

(Illustrated Circular of Christmas Suggestions Upon Request)

MADOLIN MAPELSDEN • 825 Lexington Ave., New York

Primrose \$4.75
HAND-HOOKED RUG
24" x 48"

Early American designs. Wide variety patterns, colors and sizes. Write for FREE BOOKLET showing prices and photos of mountain arts and crafts . . . hand-hooked rugs, chair seats, hand-woven rugs, knitting bags, hand-made Georgia pottery, hand-loomed linen towels, table mats, etc. . . .

Special Offer—32" colorful hearth broom, Rhododendron handle. Worth \$1. Both rug and broom for \$5.

High Acres Mountain Guild
B. L. McIntosh, Guild Mgr., Flowery Branch, Ga.

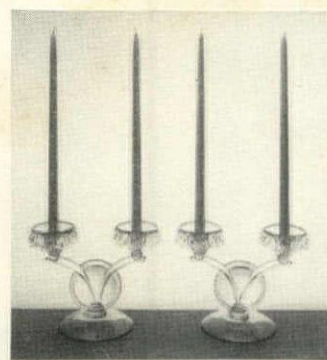
Ash Monitor
or **Candy Server**
\$1.25
POSTPAID. IN U.S.A.

A HANDSOME INEXPENSIVE - CHRISTMAS GIFT
made of sturdy metal - with wooden handle.

COLORS: Bone White, Dubonnet Brown, Green, Blue or Black.
Hand painted floral decoration.

Send 10¢ for "Hand Book of Christmas Gifts"

The Lennox Shop
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HEWLETT.
LONG ISLAND
N.Y.
Long Island's Unusual Gift Shop



Distinctive and appealing are the simplicity and gracefulness of these lovely candelabra. They are certain to add charm to any mantel or buffet. Made of very fine pressed Crystal, they measure 8" across top; 7½" high and 6" at base.

\$4.00 the pair
Plus Postage

Write for Catalogue "C"

REITS
613 LEXINGTON AVE. - N.Y.



"Ring for another" COCKTAILS

The base of this cocktail glass is a bell. When full, your guests can't swing the red dapper without spilling their drink. When it's empty—shake the glass and the tinkle of the bell calls for another round. An amusing party note. The price is \$7.50 ½-dozen. Shipped express collect.

LAMBERT BROTHERS
Jewelers Since 1877
LEXINGTON AT 60th ST.

Chinese boy bookends of metal in antique red or green bronze, gold trimmed, with ivory hands and face. 8½" high. \$10 per pr.

GIFTS for FALL BRIDES
GIFTS for FALL APARTMENTS
Send for new Gift Book "C"

OVINGTON'S
437 Fifth Avenue, N. Y.

FOREVER HERS

A gift exclusively personal
honey-white glaze, rich in quality and texture . . . a triumphant step forward in American made pottery.

Service For Eight (61 pieces), your monogram (as illus.) in black or blue.18.50
Without monogram.15.00

Order Now For Christmas Delivery

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our new address
507 madison ave. near 53rd street, n. y.
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washington, d. c. boston, mass.



Italian Chair \$37.50

Seat 17" high—Back 27" high

Florence monastery reproduction in Italian walnut. Distinguished but with a sturdy peasant flavor. Excellent for those who want the unusual by the fireplace, telephone or in the bedroom. Ask for booklet H-11.

A. L. Diamant & Co.

34 E. 53rd St. New York
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Sole American Agents for Zuber & Cie.,
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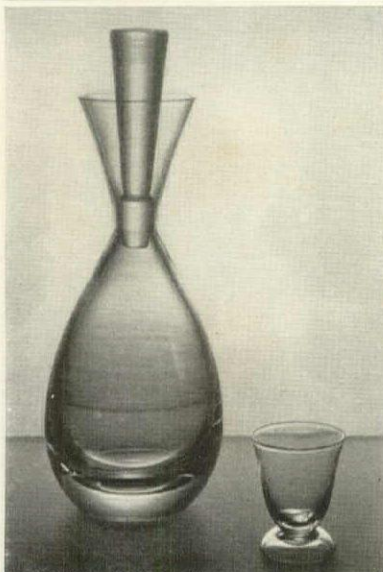
PHILODENDRON

In Original Wall Container

This perfect house plant thrives equally well in sun or shade . . . provides an effective note of grace and verdure for the fall and winter. . . Its fresh, bright green coloring adds the necessary touch to bare walls . . . at the top of stairs . . . in reception hall, club room or sun porch . . . or any part of your home. This beautiful plant is a needed accessory for new or old homes.

Complete, as illustrated, including genuine PHILODENDRON vine, in beautiful white flower container and enamel wall bracket. Special Price . . . \$2.00 (Postpaid). 25c additional west of Rockies or Canada. . . . Order Today.

THE PHILODENDRON COMPANY
Mount Washington, Maryland



cordials for festive occasions
bottle 3.50 each glasses 6.00 dozen
write for leaflet

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501 madison ave. at 52nd, n. y. c.
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**Authentic Model of
Famous Gloucester Schooner**

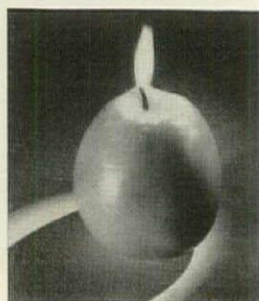
Ideal for home, club or office, this beautiful, full model of a famous Gloucester Fishing Schooner, handmade in every detail, is authentic in design and color. Typical of the finest in Gloucester's Fishing Fleet. Built by expert craftsmen on the ground renowned for America's greatest sailing vessels of bygone days. Nothing to equal it in design or price has ever been offered before. Overall length 12 1/2". Height 13 1/4".

Postpaid **\$5.00** in U. S. A.

LEBARON-BONNEY CO.
DEPT. 89 • BRADFORD • MASS.

*and be merry

LIGHT



Apple CANDLE

A new, popular decoration or gift for the dining table—or for soft, intriguing candlelight at bridges and parties. Its natural coloring and appearance make it a gem for Hallowe'en, Thanksgiving or Christmas. Burns 30 hours. 75c each; 6 for \$4.00 parcel post prepaid.

**PERSONALITY
DECORATING
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*Foreign Dolls
make
Fascinating Gifts*

To solve that problem of what to give, consider an authentic Kimport doll. You'll find miniature foreign folk type to please everyone on your Christmas list from darling daughters to dowagers of discrimination. Foreign dolls are smart, new, decorative, educational,—and lots of fun!

Chinese Farmer . . . \$6.50

58-PAGE CATALOG G
Sent free on request

KIMPORT DOLLS

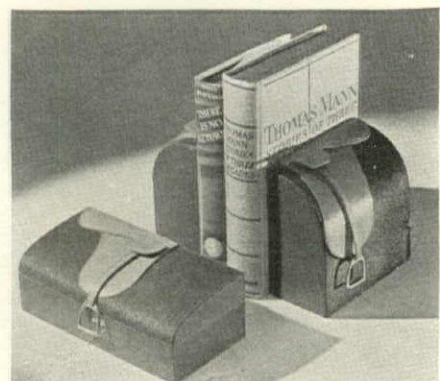
INDEPENDENCE, MO.

SHOPPING

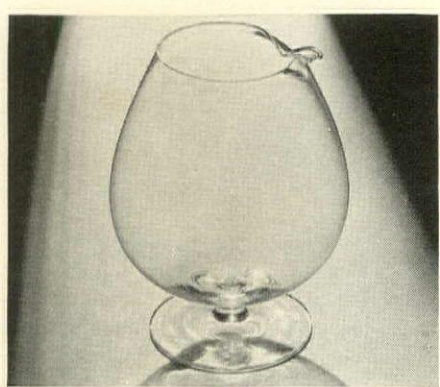
THE gentle tinkle of this crystal bell should inspire faultless service, sound a sparkling note for your fall tables. The precise cutting is reminiscent of Waterford, and will blend nicely with your finest stemware. The bell stands 5" high, the tongue hangs from a silver chain. Priced at \$2.25, Buchwalter, 689 Madison Avenue, New York City



VERY caviar present for a huntin' enthusiast, bookends and cigarette box of authentic detail. All three are of russet calf-hide, nice and furry; the saddles of calfskin, stirrups of silver-plate. The bookends, \$16.50; the case, \$10. With a music box in it to play hunting songs, the case is \$15.50. All from Tulsa Lee Barker, 382 Park Ave., N. Y. C.



CONCESSION to indolence, the new Martini mixer. It has, as you see, the traditional brandy-inhaler shape, modified with a perfectly dripless lip for pouring. You put in the ingredients and then swirl them around to mix. P. S. It does not spill—we tried it. It stands 8" high. The price is \$2.25 from Scully & Scully, 506 Park Avenue, New York City



Needlepoint Rug

Work your initials in a rug of coarse needlepoint. Rug canvas (4 holes to the inch) supplied with 3 initials with black and white outline worked. Rug wool supplied in 2 tones of any color to complete. 27" x 36"—\$12.00.

Postpaid East of Mississippi
Write for Catalogue of needlepoint

Sara Hadley
LACES—ART NEEDLEWORK
11 EAST 54TH ST., NEW YORK

Front Door Appeal!
Does Your Home Have It?

OUR NEW CATALOG, "Entrance Appointments", now ready, illustrating everything for the front door and hall. Letter Boxes, Foot Scrapers, Railings, Knockers, Lighting Fixtures, Name Plates, Signs, Bells, Hardware, Numbers, Door Stops, Chimes, Shrines, Interviewers, Period Porches, Card Trays, Candlesticks, etc., in Brass, Iron & Lead. Modest prices.

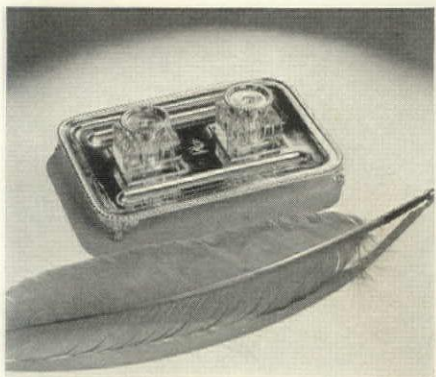
Weather Vanes
Send 15c in stamps for "Entrance Appointments"

KENNETH LYNCH INC.
Armors & Metal Craftsmen
8-14 37th Ave. Long Island City, N. Y.

AROUND



THE charm of an old-fashioned article on your very up-to-date end table. This ashtray is an accurate reproduction of a chemist's mortar and pestle, an antique in Mr. Lynch's own collection. He has reproduced it in bright pewter, 3" high, 4" across the top, and the price is \$3.50. Kenneth Lynch, 8-14 37th Avenue, Long Island City, N. Y.



MAYBE your casual jottings are no future scholar's belles-lettres, but you must acquire a certain amount of epistolary esprit with a Georgian pen-stand like this! The bottles are crystal, the gadroon-bordered, crested pen-stand is modern English Sheffield silver. Measures 7½" x 5½", costs \$15.00 from Peikin Galleries, 664 5th Ave., New York City



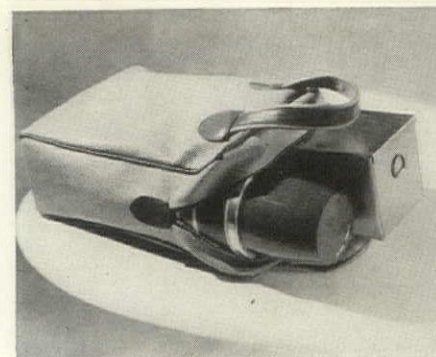
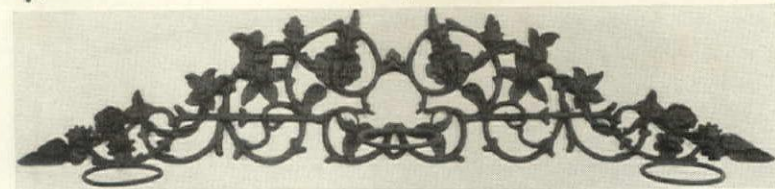
THE intriguing name of this ice-crusher set—"Jigger-Whack"—is enough to guarantee its success, and add to that the fact that it really works! You pack ice in the canvas bag and pound like anything with the little hammer, which conveniently turns out to be a scoop when the ice is fine. \$1.50 from Personality Decorating, 142 E. 57th St., N. Y. C.

FRAGMENTS OF OLD NEW ORLEANS

Antique in the truest sense of the word is this lovely flower pot holder, made from authentic fragments of the original cast-iron, lace-work patterns of the balconies in the French Quarter. Finished in mellow verdantique. Size 5½" x 11" with rings for three 5" pots. Price, \$18.00. Write for descriptive folder of other designs.

hinderer's iron works

iron craftsmen since the civil war
1607 Prytania St. New Orleans



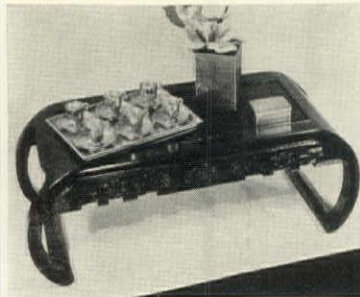
OUTING KIT, JR.

The Ideal Holiday Present!

The kit contains one thermos bottle 1½ pint size with 3 cups and a sandwich box neatly fitted in a pigskinlike case. Complete.....\$3.95 or OUTING KIT that contains two quart size thermos bottles each with four cups and sandwich box neatly fitted in a pigskinlike case. Complete.....\$6.85

SCULLY & SCULLY, Inc.
"The smart Gift Shop of New York"
506 Park Avenue Wl. 2-2590

A GIFT FROM THE ORIENT



Chinese carved teakwood coffee table. Mahogany finish. Size—40" Long, 16½" Wide, 14" High. Price \$42.50.

After Dinner Coffee Cups & Saucers. Black or Red-Gold Lined, with design in Gold. ½ Dozen \$7.50.

Lacquer Tray—11" x 16". \$3.50. Lacquer Cigarette Box—4 x 3 x 2. \$2.00.

Chinese Porcelain Flower Vase. Colors—Blue, Green, Brown & Yellow. Size 7 x 4 x 5. Price \$1.50.

Gunn  Litchford, Inc.
ORIENTAL IMPORTERS
323 FIFTH AVENUE NEW YORK CITY
Established 1921

VALE BARN PRESENTS



SPINET BATTERY LAMP

Styled after authentic old miniature kerosene lamp, in non-tarnishable lacquered brass. Complete with standard flashlight batteries and flashlight bulb. Refills procurable at any electrical supply store.

Price Postpaid.....\$1.50

Write for Christmas catalog

VALE BARN

East Canaan Conn.



PERSONAL CHOICE

Gay and gold for home or gift. Choice chocolates created for lovers of fine candy and priced for all. Definitely a holiday necessity. Make it your choice. 1 and 2 lbs. \$1 lb.

PLUM PUDDING

Feast's crowning end...rich with fruits, nuts, candied citron, lemon and orange peel...flavored with fine old brandy. In new maroon china bowl. \$1 \$1.25 \$2 \$3

RENAISSANCE CHEST

Gift of holiday gifts! A beautiful rose and gold chest...three drawers filled with miniature chocolates. Exclusive at Schrafft's. \$2.50

DUNDEE CAKE

A light fruit cake...lavish with raisins, currants, and other good things...and crowned with fine French almonds. In new gift box. 1½ lb., \$1.50 3 lb., \$3

SCHRAFFT'S

When in New York, don't fail to visit one of Schrafft's restaurants, where the finest American food is served.

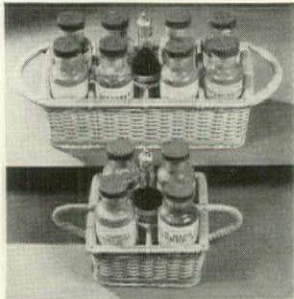
SCHRAFFT'S, 556 Fifth Avenue, New York City

Please send _____ I enclose _____

Name _____

Address _____

For out of town shipment add postage.



HOSTESS GIFT

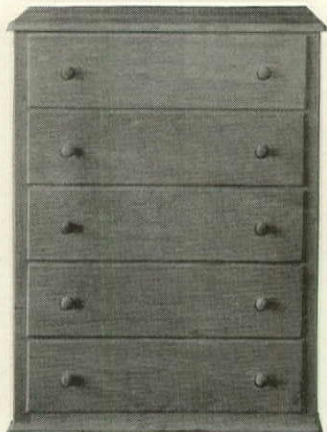
Spices and seasonings that add new excitement to food—imported from all over the world in these amusing baskets to make a handsome gift. Perfect varieties to use at buffet service, etc.

Variety Set of 5.....\$4.75
Variety Set of 9..... 6.75

Free delivery in the city.
Postage additional elsewhere.
Write for Catalogue "A"

maison glass

Imported Table Delicacies
15 East 47th Street New York



Modern Chest of Drawers

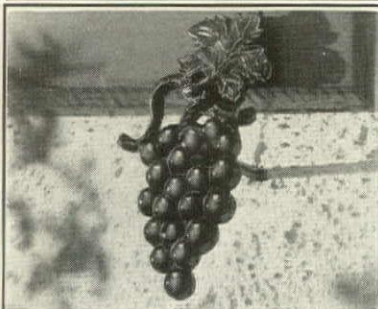
30" wide; 39" high; 16" deep

No. 62 . . . Base flush with floor. No dust collecting waste space. Price unfinished ready for finishing—\$9.00. Finished imitation walnut, mahogany or maple—\$9.90. Weight crated 85 lbs.

No. 61 . . . Same size except only 20" wide. \$6.00 unfinished, \$6.60 finished. Weight 60 lbs. in carton.

FORREST ADDITON

FLOWERY BRANCH GEORGIA



CHARMING, HAND-CAST SHUTTER DOGS

Inspired by a lovely old New Orleans design, these truly decorative shutter dogs will add finish and charm to your entire house. . . . Hand-cast. Rustless. 6 1/2" high. . . . Write for a pair. Your check gladly returned if you are not more than pleased. Kindly specify whether for frame, brick, or stucco house.

\$2.15
A Pair

Antique Locks, Hinges, Shutter Dogs—Originals or Reproductions—Gladly Shipped for Inspection

AUSTIN BRUCKLACHER
Old Kentucky Hardware
313 CAMP ST., LOUISVILLE, KY.



ECHOES OF THE PAST

Magic replicas of priceless 18th Century Chinese *famille rose* porcelain vases, bring fluorescent pinks and greens to your home. For the mantel or hanging shelf, they are 10 1/2" high with carved teakwood bases. \$20.00 the pair.

YAMANAKA & CO. INC.
680 FIFTH AVE. NEW YORK

SOMETHING NEW



For your odd ends of bric-a-brac try this wall-shelf! Highly desirable because of its combination of fine-grained wood and ornamental wrought iron. Comes in antique ivory or any color that you desire for only \$7.50. Length 20".

Express collect

Hand Craft Studio
782 LEXINGTON AVE.
NEW YORK, N. Y.

GIFTS FOR BIRD LOVERS



Mitchell
ALL-METAL BIRD FEEDER
Pat. Pend.

\$1.50 Postpaid

Approved By Audubon Society

This Merry-go-round feeder protects the birds from cats and other enemies.

Neat—Emerald green finish—Attractive

HUMMINGBIRD FEEDERS

5 FOR \$1.00
Postpaid

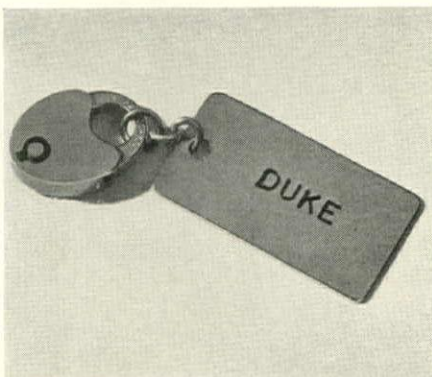


CHARLES M. MITCHELL
Sterling Junction, Mass.

SHOPPING



The parade of entrancing blue rabbits round this mug and its matching plate will keep the young master completely engrossed 'til the last spoonful of cereal has gone. The pattern is a traditional Chinese one, hand-brushed in blue on gray crackle glaze background. Mug \$2.50, plate \$4 are from Dedham Pottery Co., East Dedham, Mass.



"Oh where, oh where has my little dog gone?" You'll never have to ask it if, in addition to his license, he carries his own little identification tag wherever he goes, safely padlocked to his collar. His name is stamped on silver plate, 1 1/2" long, and tag and key cost \$1.50. Chic touch for favorite pup. Lewis & Conger, 6th Ave. and 45th St., N. Y. C.



ON THOSE big fall football weekends, protection for your chilly shoulders from the icy breezes that wander 'round cement stadiums. It's a chica robe (chica is Spanish for little)—3' x 4', meaning that it won't trip you when you stand up to cheer! All wool, and hand-woven in gray and two shades of blue. \$5.50. Knox Weavers, Santa Fé, New Mexico

NOW! ELECTRIFY OIL LAMPS

Without Drilling or Structural Changes



Amazingly Realistic. Duplicates The Oil Lamp Wick Burner DO IT YOURSELF No Tools Required

Yes . . . now you can electrify oil lamps merely by replacing the present wick burner with a Nalco Electrified Wick Burner which comes to you complete with switch and cord. Nalco Adapters are available in Standard No. 1 and No. 2 sizes as well as Acorn and Hornet. Also for special or Standard Lamps with Candelabra or Medium base.

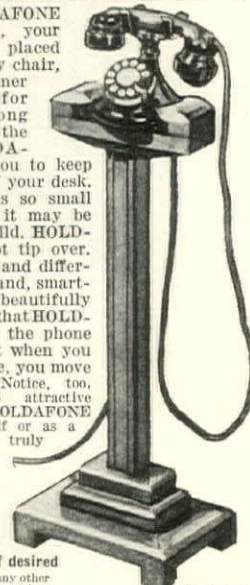
Every home will be enriched by the atmosphere of quaint simplicity which an electrified oil lamp with a Nalco Adapter provides.

Write at once for free literature and prices.

NALCO SPECIALITY SHOP
1008 Tyler Street St. Louis, Mo.

AT LAST: A Small, Portable Telephone Stand That Saves You Tiring Steps
HOLDAFONE

With a HOLDAFONE in your home, your phone may be placed beside your easy chair, bedside, or dinner table. Ideal for plug-ins or long cord phones. At the office, HOLDAFONE allows you to keep your phone OFF your desk. HOLDAFONE is so small and light that it may be carried by a child. HOLDAFONE will not tip over. Truly a unique and different telephone stand, smartly designed, beautifully finished. Notice that HOLDAFONE clamps the phone securely so that when you move your phone, you move stand and all. Notice, too, HOLDAFONE'S attractive lines. Order a HOLDAFONE today, for yourself or as a gift that will be truly appreciated.



Imitation Walnut \$4.95 prepaid
Solid Walnut De Luxe \$8.95 prepaid

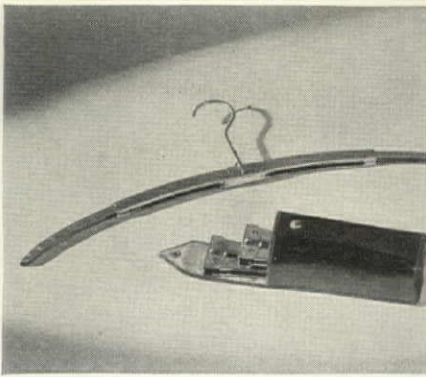
Sent on approval if desired

For information on many other models, write for catalog.

HOLDAFONE CO.
2245 Court Ave. Memphis Tenn.

Height, 22 inches. Weight, 6 lbs. Sturdily constructed of selected woods, smartly designed, beautifully finished. HOLDAFONE is patented.

AROUND



PERFECT and very budget-priced gift for your footloose friends, and a thrifty addition to your own weekend suitcase. These hangers are adjustable to full coat size (10 inches) or anything under, and when collapsed the three fit very neatly into their 5" satin-lined leather case. They are priced at \$1.25 and come from Daniel Low, Salem, Massachusetts



HERE'S background for that most satisfactorily indolent event, breakfast in bed. It's all of crystal, clear as morning, half the pieces decorated with tiny hand-painted forget-me-nots, and provides, as you see, for more ample a collation than we, for one, could possibly ask for! \$18.50 postpaid from Madolin Mapelsden, 825 Lexington Ave., N. Y. C.



For a true sportsman and a discerning connoisseur, these marvelously accurate models of colorful game birds. Mr. and Mrs. Quail, left, stand 6 3/4" high; the Pheasants, left, are in proportion. They were carved in wood by Salmon, sportsman-artist. Each group \$20 from Abercrombie & Fitch, Madison Ave. and 45th St., N. Y. C.



Exquisitely

Hand Woven

by Native Spanish Weavers, this small (3 ft. x 4 ft.) Pure Wool Blanket makes an ideal gift. Useful as a Sports Robe, Shoulder Shawl or Throw. Various colors and patterns.

Price \$5.50 postpaid
Send for descriptive pamphlet

KNOX WEAVERS
OLD SANTA FE NEW MEXICO

BAZAR FRANÇAIS

THE FRENCH EQUIPMENT STORE



EN CASSEROLE ONION SOUP

simmered and served in these little pots with crusty toast and grated Parmesan cheese, is the epicurean delight of the connoisseur.

Ovenproof, glazed inside and outside, cream colored top, with soft dark brown ring around the base, and dark brown cover. Sold in sets of four.

9 oz. capacity \$1.25 per set
12 " " " 1.50 " "

Delivery free within 100 miles of N.Y.C.

Prompt attention given to mail orders. Ask for our "En Casserole" pamphlet with "Recipes".

BAZAR FRANÇAIS

Established 1877

666 Sixth Avenue New York

"VICTORIAN LAMP"



No. GC1161—A lamp of rare charm is this Victorian chimney lamp, mounted on its marble base. The brass column

holds a spiral opal flint. It stands 18" high and is wired for electricity.

Express Collect. \$7.50.

B. PALESCHUCK
"The House of Metal Ware."
37 Allen Street New York City
Send for catalog G24
(Fireplace and Gift Suggestions)



SILVER-AND-GLASS SALAD SET

Sterling-rimmed cutglass bowl; sterling-handled Fork and Spoon. Attractive for year-round salad service. The trio, \$10.

Olga Woolf Ltd.

Suite 312—509 Madison Ave., N. Y.
PLaza 3-1401

SIMULATE the glow of CANDLELIGHT



CANDYLBEME LAMPS are the closest simulation to the soft, mellow glow of a real candle flame ever achieved in an electric lamp. Leading decorators and architects recommend them for the matchless lighting effect they produce. You cannot realize what a difference **CANDYLBEME LAMPS** can make until you see them in your own candle type fixtures.

ORDER NOW

If your dealer cannot supply you, order direct from us. Available with standard or candelabra base for 110 volt circuit.

Clear50c
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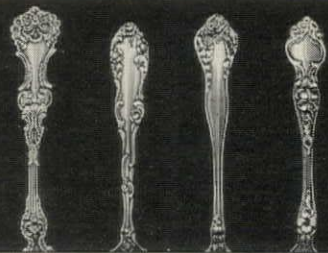
CANDYLBEME Lamps
PAT. APPL'D. FOR TRADE MARK REG.

BUTLER-KOHAUS, Inc.

2824 Olive St.

St. Louis, Mo.

Pompadour Old English Stratford Violet



Unusual Opportunity

To fill in your inactive and obsolete patterns of flat silver. We have accumulated more than three hundred of these patterns, such as:

Bridal Rose	Lily-of-the-Valley
Canterbury	Louis XV
Frontenac	Medici
Georgian	Norfolk
Les Cinq Fleurs	Orange Blossom
Lily	Lancaster

This silver has been used and refinished and is offered in first-class condition at materially under the price of new silver.

★ Unusual Silver ★

We have one of the largest stocks of unusual silver in the United States, same consisting of Tea Services, Compotes, Pitchers, etc., by America's Leading Silversmiths, also foreign makers.

Correspondence Solicited
Silver Sent on Approval

JULIUS GOODMAN & SON, INC.

45 South Main Street
Memphis, Tennessee

Cape Cod LOGGER



3 foot "Reach"

INVENTED BY A MAN TIRED OF STRUGGLING WITH FIREPLACE LOGS

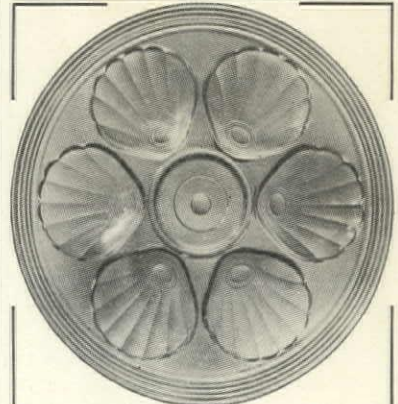
This new Cape Cod Logger grips logs like an eagle's claw and you can place them without burned fingers and scorched rugs. Made in wrought iron or polished brass finished handles. No more slipping, sliding or dropping logs—something long needed in every home with a fireplace.

\$3.95 • \$4.95

wrought iron finish polished brass finish

PATENTED

CAPE COD LOGGER CO.
North Attleboro, Massachusetts



OYSTER PLATE of Sparkling Bohemian Crystal

Places for six Oysters and center sauce compartment
Plate 10" in diameter

Six plates.....\$5.00
Nine.....\$7.25
Twelve.....\$9.25

Postage prepaid

MARY'S GIFT SHOP

The Gift House of the Adirondacks
Inlet, New York

SHOPPING

Ready to Serve DELICACIES



What could be more appropriate than to serve Paté in the original crock at your next party? In terrine to serve 5 to 6 persons, \$2.20 (Numerous other sizes)

Other Vendôme Specialties

Fresh Russian Caviar.....	lb.	12.00
Edam Cheese in Sauternes.....	8 oz.	.85
Genuine Smithfield Va. Ham	lb.	1.00
Whole hams, 6 to 10 lbs.....	lb.	1.50
Sliced.....	pt. jar	1.25
Brandied Plums or Pears.....	pt. jar	1.25

(plus postage)
Write for Catalogue "11"

Vendôme
The Recognized Caviar Specialists
415 MADISON AVENUE
Wickersham 2-2224 New York



Holland Pottery

The graceful lines of this imported decorative pitcher make it a perfect gem for holding your favorite flowers. It serves equally well as a dining-table accessory. The delicate hues and luster are produced by a special process of firing and glazing. Size approx. 5" x 9". In two colors, rose-gray or turquoise.

\$4.00 postpaid U.S.A.

THE POSTBOX BEDFORD, N. Y.



The central well in the beautiful spun aluminum

Cheese Server

just fits a standard glass of the famous Kraft cheeses.

A wooden top covers the well. Thus we combine beauty and practicality in a clever and sure-to-be appreciated present. You'll want to give yourself one, too.

by Russell Wright

\$1.95 postpaid anywhere in U.S. U. S. made

Please send check or money order

MALCOLM'S
HOUSE & GARDEN STORE
524 N. CHARLES ST., BALTIMORE, MD.

EL NIDO No 30
J W WHEELER Jr



THE MADISONS 50

FAMOUS FOLK OF CONNECTICUT

are marking their homes and estates with these smart new signs.

These reflecting residence markers shine in the headlights of cars at night with "letters of fire!" They possess Garret Thew's own distinguished spacing and design.

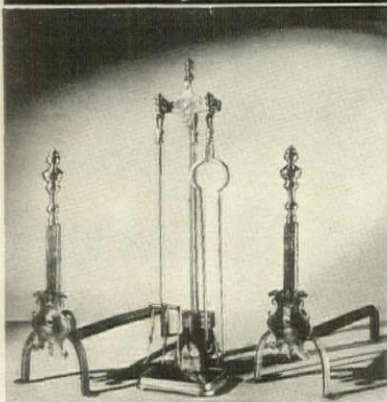
They are sand-cast in one solid piece of 3/4" aluminum. 24" wrought iron stakes.

The top sign, two lines with pheasant, costs \$7.50 plus 30c for each letter or numeral (choice of 1 1/2" or 2 1/2" letters.) For arrow or for single line with pheasant or flower motif, \$5.00 plus 30c ea. for 1 1/2" or 2 1/2" letters or numerals or \$1. ea. for 4" numerals or letters. The 4" numerals are especially desirable for house numbers.

These signs make swell Christmas presents but please send your orders in early!
Catalogue of weather vanes, original gift items and other signs upon request.

GARRET THEW STUDIOS
Box 71-HG Westport, Conn.

Firedogs of the Hearth



Sturdy enough for the largest log. Fireirons to match.

TODHUNTER
119 East 57th Street
New York, N.Y.
Hardware : Weathervanes : Signs



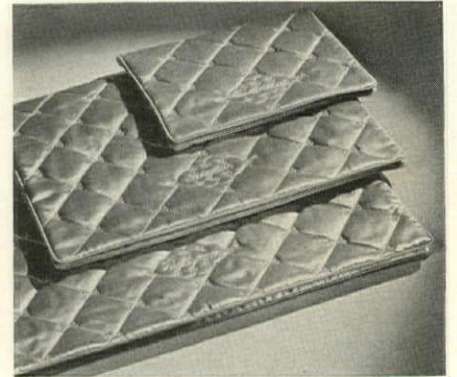
Nest of Mexican Pottery BAKING DISHES

Prepaid anywhere in U. S. \$4.25

These quaint four piece Guadalupe ovenproof baking and serving sets are decorated with gayly colored designs of native character. No two are alike, all are typically lacking in uniformity and perfection. Largest tray, approx. 2 1/2 x 10 x 12 inches. An attractive addition to any home.

La Casa de Manuel
220 S. EL PASO ST. EL PASO, TEXAS

SWEETER and neater, your closet shelves, if you entrust lingerie, handkerchiefs and nightgowns to these sachet-cases. Tailored, too, they're nicely made of quilted satin, in peach, ivory or blue, and scented wisely but not too well! The largest one measures 18 1/2" long; the set of three, \$18.50. Grande Maison de Blanc, 746 5th Ave., N. Y. C.



HERE, for the benefit of our anxious public, are the boudoir lamps—modern in style (so we thought) but on second consideration pretty charming for a very froufrou dressing table. They are clear bubbled crystal, and have plain clair de lune shades. They stand 16" high, cost \$7.75 each from Modernage, 162 E. 33rd Street, New York City



GIVE your dining room that sought-after but hard-to-define "collector's touch" with fruit-basket side chairs. They are of solid mahogany, all handmade and carved with a precision that speaks of centuries of fine craftsmanship. They stand 33 1/2" high at the back and cost \$29.75 each. Order them from Potthast, 509 Fifth Avenue, New York City



CARDS OF WOOD
Add Distinction to Your Christmas Greetings!

Made of Holly, Pine, Cedar, Maple, and other exquisitely grained woods—wafer-thin and flexible, 3 3/4 x 4 3/4", printed with appropriate designs and messages. Used for years by the discriminating. Send only \$1 for 8 assorted beautiful cards, with envelopes, and illustrated folder. You'll want to re-order before Christmas!

For Christmas remembrances we suggest attractive bookmarks of these same woods—\$1 for 5, all different, gay with colored ribbons, tree decorations (accompanying greeting cards and envelopes). Unique inexpensive gift. Order now.

B. L. MADDEN, R5-F, Ithaca, N. Y.

FREE!
THIS BOOK OF
2,000 XMAS GIFTS!

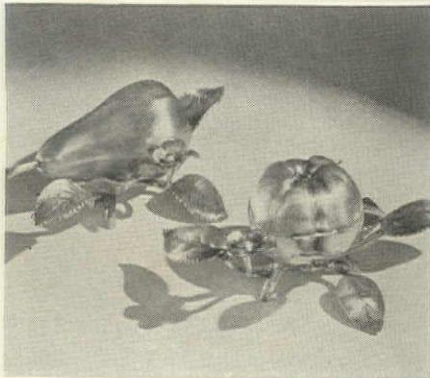
For him, for her, for the entire family!

Shop at home!

Do your Christmas shopping this year right in the comfort of your own easy chair! Avoid rush, worry and "same old" gifts with this remarkable book containing a world-wide selection of delightful gifts for everyone. They're smart, distinctive—and priced from only \$1 up! America's Oldest Mail Order Gift House (71 years) guarantees you full satisfaction—or your money back. Write now for FREE book, DANIEL LOW & COMPANY, 215 Essex St., Salem, Mass.

Gifts for Men
Accessories for Her
Home Decorations
Smart Leather Gifts
Watches
Diamonds
Silverware
Novelties
Greeting Cards, Wrappings

AROUND



EPITOME of the modern silversmith's art are these exquisite fruits, designed by Oscar Bach. In addition to their incredible finesse of execution, each has the advantage of an inner compartment — one for cigarettes, one with a glass lining for jam, etc. Life-size, they cost \$15 apiece from Ovington, 5th Avenue and 39th Street, New York City



ORIENTAL flavor for your American demi-tasse is suggested by this Persian coffee service, with its typically slender and graceful coffee pot. The set may be had either in copper or brass; all pieces are lined in pewter. The tray measures 11" across, and the whole set of four pieces costs \$6.75 purchased from Silverstone, 21 Allen Street, New York City



THIS beautiful Irish setter might be Milson O'Boy himself, so life-like in pose is he. Carved of wood, his coat bright burnished red, he'll hold his point forever on the desk in your gunroom. He measures 11½" long from nose tip to plumed tail, and costs \$8.00. He comes from The House & Garden Shop, 122 Millington Road, Schenectady, New York

Glareless

SHAVING & MAKE-UP MIRROR . .

A perfect light with a perfect mirror. Throws indirect light upward on face. No glare or shadow. Tray to accommodate toilet articles. Outlet for electric razor located below mirror.

Floor model B108 illustrated at left. Chromium finish, with plain mirror, \$32.50. With magnifying mirror, \$37.50.

Write for illustrated folder showing table and wall models from \$12. up.

NEWTON Electrical MIRROR INC.

174 WORTH STREET
NEW YORK, N. Y.



FIREPLACE FIXTURES TO TREASURE! A Rare Opportunity

You'll be proud to own this lovely Colonial set of Andirons and Fireset to match at these special low prices! Cast Brass Andirons, \$28.00. Brass Fireset, including tongs, poker, shovel and stand, \$24.00. Combination price, \$45.00.

WM. H. JACKSON COMPANY

"Everything for the Fireplace"
32 East 57th Street New York
Established 1827

THE **A&F** GREATEST SPORTING GOODS STORE IN THE WORLD



Send for...

THE 1938 "CHRISTMAS TRAIL"

A Gift Shop in a Book

Between the colorful covers of this book lies your complete directory to Christmas... page after page of unusual, thrillingly romantic gifts for everyone you know... gifts for sportsmen and sportswomen, for people with hobbies, for homes... gifts of that hard-to-find kind for which "The Greatest Sporting Goods Store in the World" is noted.

A postcard will bring this book to you.

MADISON AVENUE at 45th STREET, NEW YORK

ABERCROMBIE & FITCH CO.

CHICAGO: VON LENGERKE & ANTOINE, 33 SO. WABASH AVE.

The Largest Catalog of UNUSUAL TOYS



Now Ready for you!

BUSY COAL MINE
No. 2/194. No sit-down in this realistic mine. Machinery clatters, furnace fire flashes and a dump cart travels back and forth. All metal, 13" long. \$1.50

More than a hundred thousand discriminating shoppers used the F. A. O. Schwarz Catalogue in selecting Christmas gifts last year. Now, the new 1938 Catalogue is ready for you. Sixty-six large pages overflowing with exclusive and original toys, games and books for every age from first to second childhood. Actual photographs and accurate descriptions make buying from this catalogue as easy as in our famous New York, Boston or Ardmore shops. The coupon brings it to you promptly — gratis.

F.A.O. SCHWARZ
AMERICA'S FOREMOST TOY SHOP



F. A. O. SCHWARZ Dept. HG
745 Fifth Avenue (At 58th Street), New York
Gentlemen: Your Catalogue at once, please.

NAME _____
ADDRESS _____
CITY _____ STATE _____

MOSSE Linen



BIANCA SETS

(all monogrammed)
2 twin top sheets, with 2 cases, \$45.00. 1 double top sheet with 2 cases, \$36.00. 4 matching hand towels, \$15.00. To order by mail, just specify color and initials.

A charming guest room . . . a perfectly appointed bath adjoining. Just the setting for the new, matched "Bianca" bed linens and hand towels.

Top sheets and pillow cases of finest, snowy, percale with graceful, applique bands and skilfully hand-embroidered monograms in a delightful choice of the newest shades. Hand towels are of pure linen huck-a-back, decorated and embroidered to match. Colors: Peach, Turquoise, Maize, Delft Blue, Burgundy, Beige, Nile Green, Dusty Rose, Platinum Gray, Royal Blue.

Mosse

SAN FRANCISCO
478 POST STREET

659 FIFTH AVENUE
NEW YORK



The Vital Decorative Accessory

No matter how carefully you choose the furnishings of your rooms, those distinctive, finishing touches you need will not be yours until you give proper attention to the lighting. Above, new and ingenious Nautical Lightoliers that bring a salty air into hall, den or game-room. Lightoliers of this type cost from \$5.75 to \$14.75. Come to our showrooms for cheerful assistance and expert advice on lighting, or write to Dept. G-1 and ask for the book, "The Charm of a Light-conditioned Home."

Lightolier

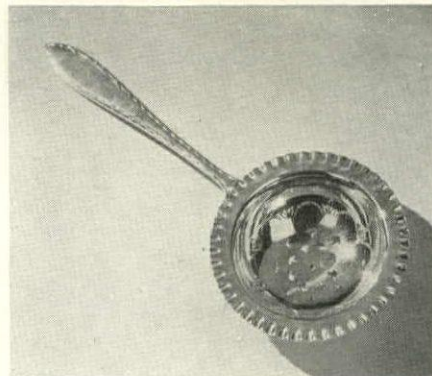
Creators of distinctive fixtures and lamps
11 EAST 36th ST., NEW YORK CITY
1266 MERCHANDISE MART, CHICAGO



SHOPPING

CREOLE CUISINE. Straight from the Deep South comes a selection of traditional New Orleans specialties which ought to make you at least the talk of the town gourmets for the excellence of your "little dinners". This selection includes diamond-back terrapin soup, soft shell crabs, shrimp bisque, clear green turtle soup with sherry, turtle soup Southern style and wet pack shrimp. Each item, besides being an event by itself, is capable of playing a starred rôle in any number of tempting dishes, recipes for which are given on each can. Particular praise is on our tongue for Shrimp Jambalaya, with wet pack shrimp, rice, tomatoes, onion, pepper, thyme and bay, blending into a glorious m \acute{e} lée.

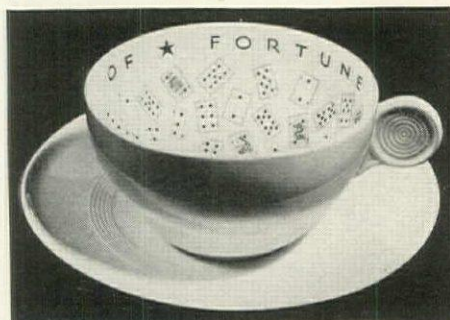
For your convenience a combination package has been worked out including all items: two ten-ounce cans of each soup, two cans of four crabs each, two five-ounce cans of shrimp. All this for \$5 (in the United States); you can order it from the New Orleans Delicacy Company, 3001 Coliseum Street, New Orleans, Louisiana.



CAFÉ D'ORLÉANS. Add to your list of spectacular demi-tasse recipes this old French-New Orleans variety, its advantage being that it takes less paraphernalia than any of the other flaming brews. You need only the little spoon shown above, which fits neatly over the top of a demi-tasse. A sugar lump saturated in cognac goes into the spoon first; then you set it afire, and as the sugar melts it drips down into the cup. Then the hot coffee is poured through the spoon to absorb the rest of the sugar and the cognac essence. The Georgian spoon, in English plate, costs \$3.50; in sterling, \$7.50. From Waldhorn, 337 Royal St., New Orleans, Louisiana.

ADD OCTOBER. Good news for admirers of those Lambert crystal demi-tasses shown on page 8 of the October issue. We were misinformed as to their price, and you will hear with joy that they are only \$12 a dozen instead of \$24. (Fine for budgets, but we thought they were worth every cent of two dollars apiece anyhow!)

HOW TO TELL FORTUNES with the Romany Cup



-amazing-uncanny!

The Romany Cup of Fortune provides a simple, new way for amateur or professional to delve into mysteries by Tea Leaves. Cup reading clearly explained in an attractive booklet given with each set of cup and saucer.

ONE DOLLAR A SET

add 25c for shipping on all orders of less than four sets, four sets or more shipped free.

CHRISTINE CHADWICK'S
House & Garden Shop
122 Millington Road
Schenectady, N. Y.

AROUND

PHOTOMURALS. For new wall interest in an unexciting room, did you never think of photomurals? The name, we think, is misleading, implying photographs as it does, for the list of subjects that can be used is really endless: Currier & Ives prints, maps, illustrations in children's story books, etchings and architectural paintings. These can all be executed in large scale, in colors which blend perfectly with your room scheme. Even a 3" x 5" postcard has been used with great success for a whole panel! Photo Mural Studios, at 101 Park Avenue, New York City, do this work—at surprisingly low cost. You send them the subjects to be reproduced, wall elevations and color swatches to indicate the scheme; and they submit pencil sketches of each elevation showing the murals in place and give you an estimate of the cost. Seems like a grand idea for that one big Christmas present to your house.



TRAVELING SPICES. We have yet to meet the testy grandsir who *insists* on carrying his own seasonin' wherever he goes, but we'll bet there are plenty of gourmets on your list who need only the suggestion! For them, the traveling spice set shown above, in blue, black or brown leather, plain or stitched russet. The spices included are rare seasonings from all parts of the world: Old Hickory smoked salt (grand on steaks), roasted onion powder, salamander sauce, celery salt, Singapore black pepper, grated green Swiss cheese, white onion salt, Hungarian paprika and Nepaul pepper (another Indian spice). Any five bottles from the above list fit in the 6½" x 10" case; the whole is \$12.50 from Hammacher Schlemmer, 145 East 57th St., New York City.

SPICED FIGS. "Freshly picked, tree ripened figs steeped slowly in a tangy pickling syrup containing cider vinegar, sugar and freshly ground spices." So reads the folder. Skeptics that we are, we had to try them to be convinced. We were. Anything more completely ambrosial we have yet to find. They come in little barrels, paraffin-lined. The tariff, postpaid, is \$4.50 a gallon. Canoga Farms, Reseda, Calif.

"THE SPOON IS THE ENEMY OF THE HIGH-BALL"

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The prices, delivered to your home, 4 dozen bottles to the case:

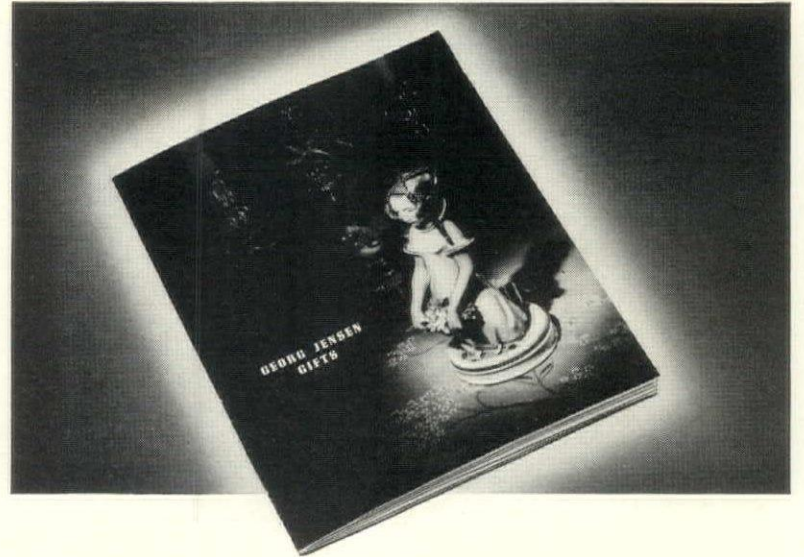
Splits (individual service) **\$6.00**
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Ash trays to Bracelets to Candelabra to . . .

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Bright metal horseshoe mounted on a hoof-print in polished walnut forms the base. Upright is covered with real leather strap. The head of a thoroughbred is painted in natural colors on the mellow parchment 10" shade. Height, 17". With cord and plug: \$10.00.



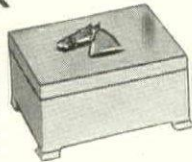
HIGHBALL GLASSES



for lovers of thoroughbreds! Crystal-clear glass, with horse's head cut and frosted on outside. Weighted to prevent tipping, have a hefty "he-man" feel... and hold a good l-o-n-g 14-oz. drink. 8 for \$10; 12 for \$15.

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 I enclose check for \$.....
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Name.....
 Address.....
 City..... State.....
 (..... Please check here if you own a saddle horse).

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The SPINETGRAND—The Grand Piano in Spinet form—is distinguished from all other pianos for its character, grace, and beauty. It should not be confused with the many consoles, verticals, or so called "Spinets" of upright construction.

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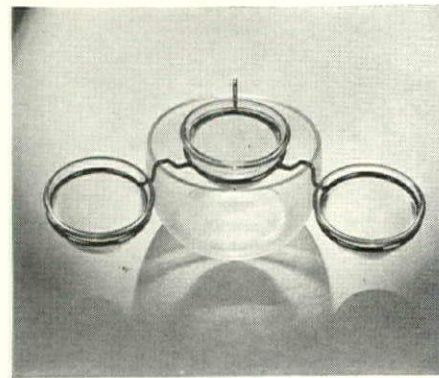
Where can I
find it?

You have seen travelers returning home laden with exciting shopping finds—with colorful pottery from New Mexico—authentic hand-hooked rugs from Virginia—fine furniture from a craft shop in New England—perhaps glassware or unusual silver. And you've longed to discover such things for yourself.

You can, of course—even without an actual tour of the country. You can find them in the pages of House & Garden. If it's a gift you're looking for, or an unusual accessory for your home, our "Shopping Around" columns will tell you where to buy it. And the price of a stamp will take an order clear across the continent, for whatever you desire!

SHOPPING AROUND

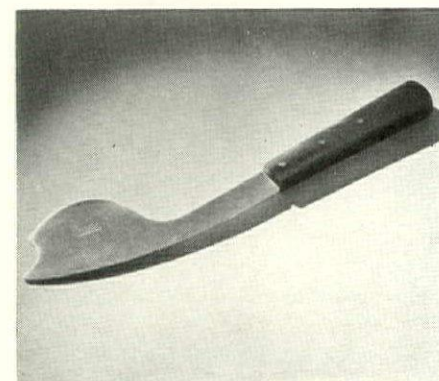
CAVIAR deserves its proper background and here it is, for you who glory in the chic of individual services. The bowl holds crushed ice, caviar in the center; and in the little side dishes go the traditional trimmings of chopped egg and chopped onion. The ice bowl is 5" across; the complete service is \$3.50 from El Futuro, 1283 Sixth Ave., N. Y. C.



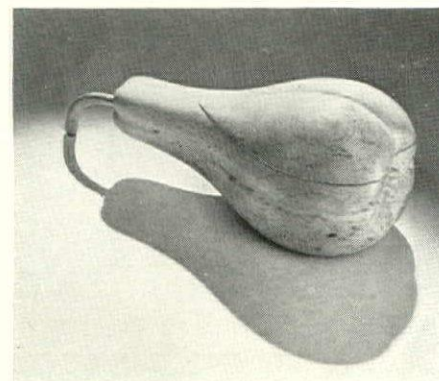
PREVIEW of a selection of connoisseur's Christmas cards is "Winter" by Rockwell Kent. Emphasizing the typical Kent snow-blue, it is printed on cream stock, greeting on the third page of its folder. At \$20, this card is one of a large selection in the 1938 catalogue of the Metropolitan Museum of Art, 5th Avenue at 82nd Street, New York City



HERE is another idea that ought to have been conceived earlier and saved countless slippery exasperations. It's a tomato-slicer; the edge is saw-toothed for clean slicing, and the wide fat part balances a juicy slice with perfect ease. It is made of stainless steel, 8 1/2" long, costs \$1.75 from Hoffritz, Madison Avenue and 43rd St., New York City



MORE modern camouflage—fruitwood pear which opens into a cigarette box. And, incidentally, the light wood is another of those perfect accents for a mahogany background. It is handmade, smoothly polished and carefully detailed; the cigarette compartment is pewter lined. 7" long, it costs \$10., Miriam Stevenson, 435 Park Ave., N. Y. C.



DOPEY'S MUSICAL CAKE-PLATE

Here he is in all his lovable "dopiness" mounted on a white metal base... going round and round... playing "Snow White" tunes..... \$5.00
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UNDER THE ROOFS OF MANHATTAN

THINK BACK, if you can, to 1923, when, if the size of your pocketbook and domestic entourage confined you to occupying less than ten or twelve rooms, you were considered to be a prospective and pitiful object of charity. Those dead, not to say dear, days have gone forever—both pocketbooks and apartments having shrunk noticeably. Unfortunately, however, individual room sizes shrank, too (probably in sympathy); and that, one feels, should have been happily avoided.

Consider yourself lucky, then, if you can settle your belongings at 320-330 Park Avenue (between 50th and 51st Streets). This is one of those "colossal" affairs, built in 1923, which is at present having its whole insides remodeled. Into the most modern of 3- to 7-room apartments; but with the size of individual rooms, mind you, not changed one whit. You get a scientifically planned full kitchen in even a 3-room grouping—fine for you to whom cooking and serving a dinner à deux is a fine art. Living rooms are anywhere from 18' by 22' to 19' by 28'—big enough to swing anybody's cat in! High ceilings and wood-burning fireplaces go with them; and the wide view of New York's famous eastern skyline is nothing to take casually.

While leases began officially October 1st, there were a number of choice apartments still available at this writing. Douglas L. Elliman Management.

IF YOU HAVE A TASTE for the traditional, old-school background that seemingly only European hotels know how to create, you should cherish the Ambassador. At Park Avenue and 51st Street, its location is as modern as anything but, once inside, you are sensible of a sort of timeless Gallic elegance, totally without ostentation, which you may look far and wide to find elsewhere.

The fact that the building is fairly old, high-ceilinged and very roomy may have something to do with this distinctly soothing quality. Most rooms have open fireplaces, tall windows, and a knowing, almost professional laissez-faire as far as being hidebound by decorators' conventions goes. Meaning simply that different woods, different periods live together in the same room, not only in harmony but with definite éclat.

Apartments are from two to six rooms—all with serving pantries, and no two rooms are alike. On the fourteenth floor, a group of terrace apartments is especially charming, with a sunny southward view. Complete hotel service is available.

The Trianon room, for dinner and

dancing, is an 18th Century dream of silver damask and deep red. The blue and gray Circular Lounge, for cocktails, opens off this; and for larger functions such as débuts, receptions, etc., the famous Embassy Room is all one could ask. Ownership-management of J. C. Thorne and J. J. Atkinson.

MODERN DECORATION as you like it is to be discovered in precious small doses, at least in New York. And the supply of this difficult but really pleasing style dwindles still more if you exclude the individually designed variety which necessitates a fairly ample budget and a long lease.

In fact, we've come to the conclusion that the Ritz Tower (Park Avenue at 57th Street) is a real mecca for you who want modern in the custom-made manner and for a lifetime or not, as you desire it. The top tower suites here are, to a room, in this style, and withal suave, livable and guaranteed to provide a peaceful background for the most delicate of nervous systems.

For it's quiet here—anywhere from the tenth up to the thirty-seventh floor you're perfectly safe in giving infinite odds on the number of pins you could hear drop. And pretty grand in outlook—from the four-room suites on floors 34-37 inclusive you have four separate views, with a complete catalogue of New York's bridges, rivers and assorted avenues and parks spread out floors below your feet.

Single rooms, for lucky spinsters or bachelors, are something to marvel at—also modern: one with deep gray walls, burgundy floor, rose, deep blue and burgundy upholstery. Terraces, believe it or not, are included with some of these—little Noel Coward ones, with awnings, and trees in green pots, and green canvas separating you from your neighbors' conversation. All very continental and gay.

Service pantries, to come down to earth, are included in each apartment, with a very ingenious system of service hall dumbwaiters to carry the hot dishes right into the pantry. No disconcerting loaded trays rushing through the living room when you are most nonchalantly affable over the cocktails.

The dining room downstairs is high-ceilinged, dignified, dominated by an impressive 18th Century tapestry, colossal in size, soft in color. Cuisine, of course, is famous enough to guarantee its excellence. The bar is a Greek fancy of Wedgwood blue, old ivory and rose—a very peaceful spot in which your five o'clock wit surely finds its proper background. John F. Sanderson, Managing Director.

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DOG MART



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The men of Scotland and the tiny islands to its north-east have a way with dogs. To us, who desire beauty, stamina and compactness of form in the dogs that share our town and country lives, they have given the Shetland Sheepdog, the gamest though smallest of their workers. And they have bred into the Sheltie all the qualities of mental and physical hardiness that make him a companion of endearing charm—a little executive that can be counted on to care for all we entrust to him.

FOR SOME TWO HUNDRED YEARS NOW, the Shetland Sheepdog has made his home in the sparse islands from which he derives his name. It is a strange, hard land, full of coldness and dampness where, because of the soil's sterility, the raising of sheep has become the principal occupation. Since the natives first started out to evolve a small dog of trigger fastness and unquestioned loyalty, the Sheltie has worked with man, in season and out, in rounding up the flocks and driving them over rocks and through snows to home. No one can guess how often the Sheltie's vigilance has saved his charges; or how often, as the flocks wended homeward, he has flashed back to the end lines, circled and brought back the straggler. The Toonie, as the breed is locally known, moves always with precision and economy of motion; he senses almost instinctively what is required of him, and he brings to his task exhilaration and initiative, always tempered with intelligence. A touch of that "executive-mindedness" in its native setting.

BRED TO WORK, the Sheltie comes of a race of hardy, tough, weather-beaten dogs. What he lacks in height (being just thirteen to fifteen inches tall) he makes up with a marvelous physique—a sturdily put together, compact body with wide, well-sprung ribs. His thick double coat affords protection from arctic cold and acts as an insulator against torrid heat. He has the rugged strength and endurance to cover many miles of ground, and his days in accompanying the



For all their exuberance and playfulness, Sheltie puppies are quick to learn, and even when but a month old will come when called and seem born housebroken. Three young ones at Mrs. R. R. Taynton's kennels

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DOG MART

flocks over slippery stretches of rock have given the dog unusually sound legs and feet. With his introduction to show circles in Scotland and England at the turn of this century, certain refinements were naturally made in the breed's physical appearance. Today, he is a "Collie in Miniature," retaining all the stamina and speed which have always been his heritage.

THE SHELTYE IS A MAN'S DOG for all his size—with a love for the great outdoors. He can tune down his buoyancy to a quiet, well-mannered enthusiasm in the house or in an apartment in town. But whether it be a long tramp through the countryside or the life in town, his master or mistress is always the Sheltie's first consideration. He will never indulge in a quarrel with a chance acquaintance, unless provoked to do so—not merely because of compulsion but rather because he wants to obey. He places a value on human affection, comprehends its significance. His close association with man these many years has ingrained in him devotion and loyalty.

WITH CHILDREN, the Sheltie is the most tender and considerate of companions. He will join in a romp or a rough-house scramble for hours and tirelessly go on from one game to the next. With the protective instincts of two centuries, it is small wonder that even from puppyhood he will watch over and guard his young charges. Always alert, he will never leave their side—even when a more enticing frolic invites him elsewhere. Neither dog nor man will dare to trespass when the Sheltie is about. He will judge a stranger, and instantly ward off unwelcome intruders—the ability to act on his own and to distinguish himself creditably once again.

SHELTYE PUPPIES are tiny replicas of fuzzy teddy bears of orange, sable, black or blue with their little, bright eyes constantly questioning the movements of things about them. They will play for hours together rolling over and

(Continued on page 22)



THE Sheltie comes of a race of hardy, rugged working dogs. He has still retained the stamina and speed that have always been the breed's right. Ch. Tiny Margaret of Walnut Hall. Mr. and Mrs. H. W. Nichols, Jr.

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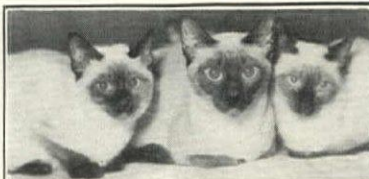
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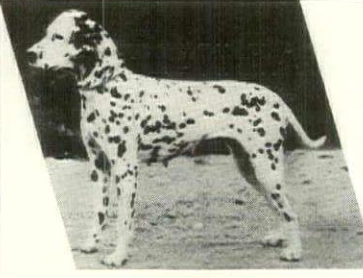


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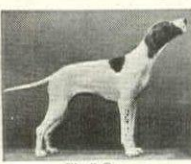


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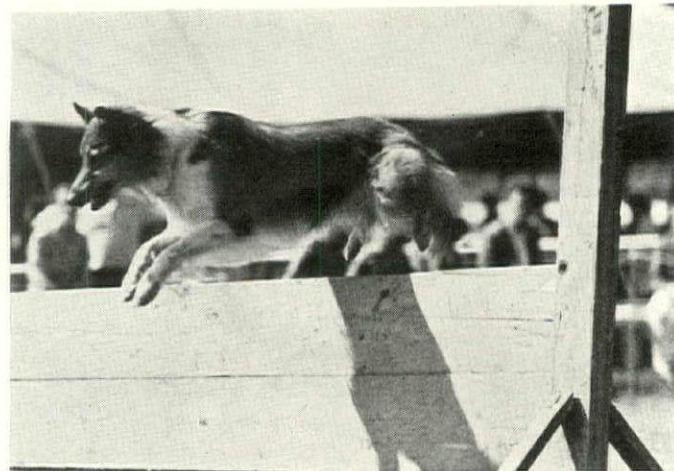
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DOG MART



THE Shetland Sheepdog in Obedience Test competition. At the recent show of the Mohawk Valley Kennel Club, Lake George, Topaz of Longleigh's C.D. takes the high jump in Open Class "A", Mrs. H. S. Andrews

(Continued from page 21)

over on the grass, running after each other's tails or their own, playing tug of war with a stick or ball and never seeming to tire of their play. The mother, ever watchful of her youngsters, will endeavor to protect them from their rougher companions by gently nosing out the offender. It is a sight to see the puppy playing with a little baby two or three years old, both of them still a bit wobbly on their feet. Finally when the baby is tired, the puppy will curl up quietly beside him and take a nap. For all their playfulness, the puppies are quick to learn, and even at one month, when they can hardly walk, they will come when called and follow to the kennel when bedtime comes. It proves the contention that even from puppyhood, the Sheltie is a decidedly tractable breed.

TRAINING COMES EASY TO THE SHELTYE. His marvelous tractability is a by-word with Sheltie fanciers. He gauges almost instantaneously what is wanted of him, and as a puppy, he can be house-broken in one lesson. In obedi-



SHELTYES always make charming house pets and companions. About the house they are well-mannered, clean and being from 13 to 15 inches tall, they are of a most convenient size. Owned by Miss Dorothy Allen Foster



DOG MART

ence classes, he exhibits poise, responsiveness to commands. He has the ability to co-ordinate and work out in that trained mind of his a way and a means of doing things in their logical sequence.

SHELTIE OWNERS ARE ENTHUSIASTS, and they have every reason to be. Here is but a small cross-section of how his loveliness and charm have made admirers for him among those who own one or many dogs. . . . "I have owned many dogs, but it is with the Sheltie that I have 'made home'—with all the connotations of warmth and security which the phrase implies." . . . "In the evening as you sit reading by the fire, your Sheltie curled up at your feet, still and content, there flashes up before you little pictures of his beauty and grace; when as a puppy, he learned to know the many things you taught him, and how he did each of those tasks with a charming devotion and a very intense desire to please you." . . . "Withal, in the Sheltie you have the ideal combination of the guardianship of the watchdog, the obedience and intelligence of the sheepdog and the loyalty and affection of both." . . . "Beauty of form and coloring, high intelligence, an eagerness to please, and an absence of jitteriness are the outstanding characteristics of our Sheltie."

THE AMERICAN SHETLAND SHEEPDOG ASSOCIATION has done much to make the public in this country acquainted with the Sheltie; but the little Collie from the Shetland Isles, with his immeasurable capacity for human friendship, has done more to earn a place in the esteem of those who value his many qualities of mind and physical make-up.



BEAUTY of form and coloring plus a high intelligence to perform capably the many tasks assigned to him are all among the Sheltie's outstanding characteristics. Here is Ch. Sheltieland Laird owned by W. W. Gallagher




Ch. Ferl—Flottenberg

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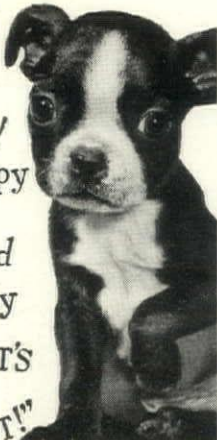
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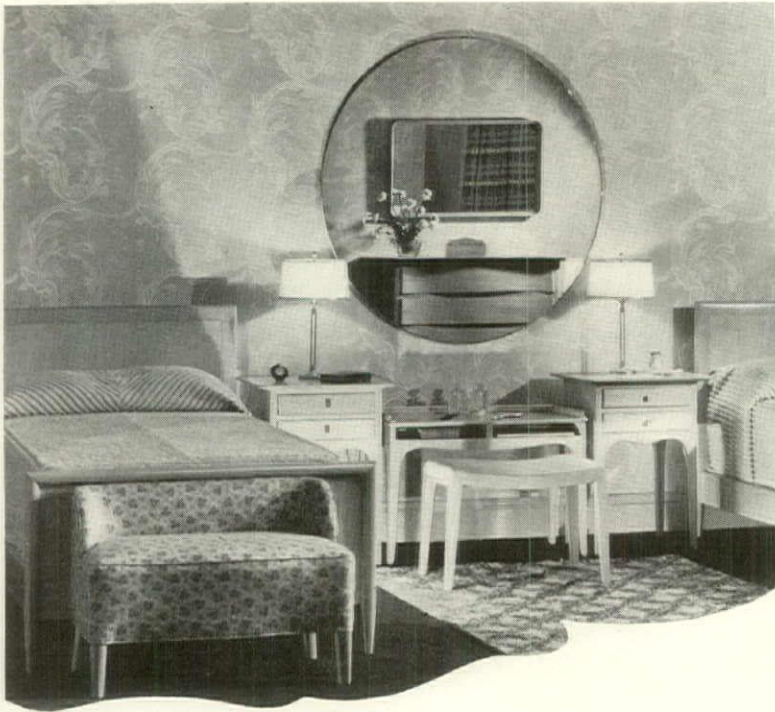
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HOUSE & GARDEN

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November, Section I



Our amusing cover is by Audrey Buller, artist of the June 1937 cover which was subsequently purchased for the Metropolitan Museum of Art in New York City

The next Issue

Continuing our great program of Double Numbers, the December issue will contain a First Section as full of delightful ideas as a pudding is of plums and a Second Section which gets directly to the heart of everybody's Christmas problem—gifts in good taste at moderate cost.

Devoted to the exciting theme "Christmas in the Home," the Second Section includes the following: First, a wonderful article by our old friend, June Platt, who favors a "Plush-lined Christmas."

Then we have Gifts for the Table: all the newest china, glass, linens, silver and gifts of food and wine; Gifts for the House, including furniture and accessories, equipment and appliances, and finally, Gifts for People. This part is probably the most fun since it includes Gifts for Children, Personal Gifts and Gifts for Gardeners.

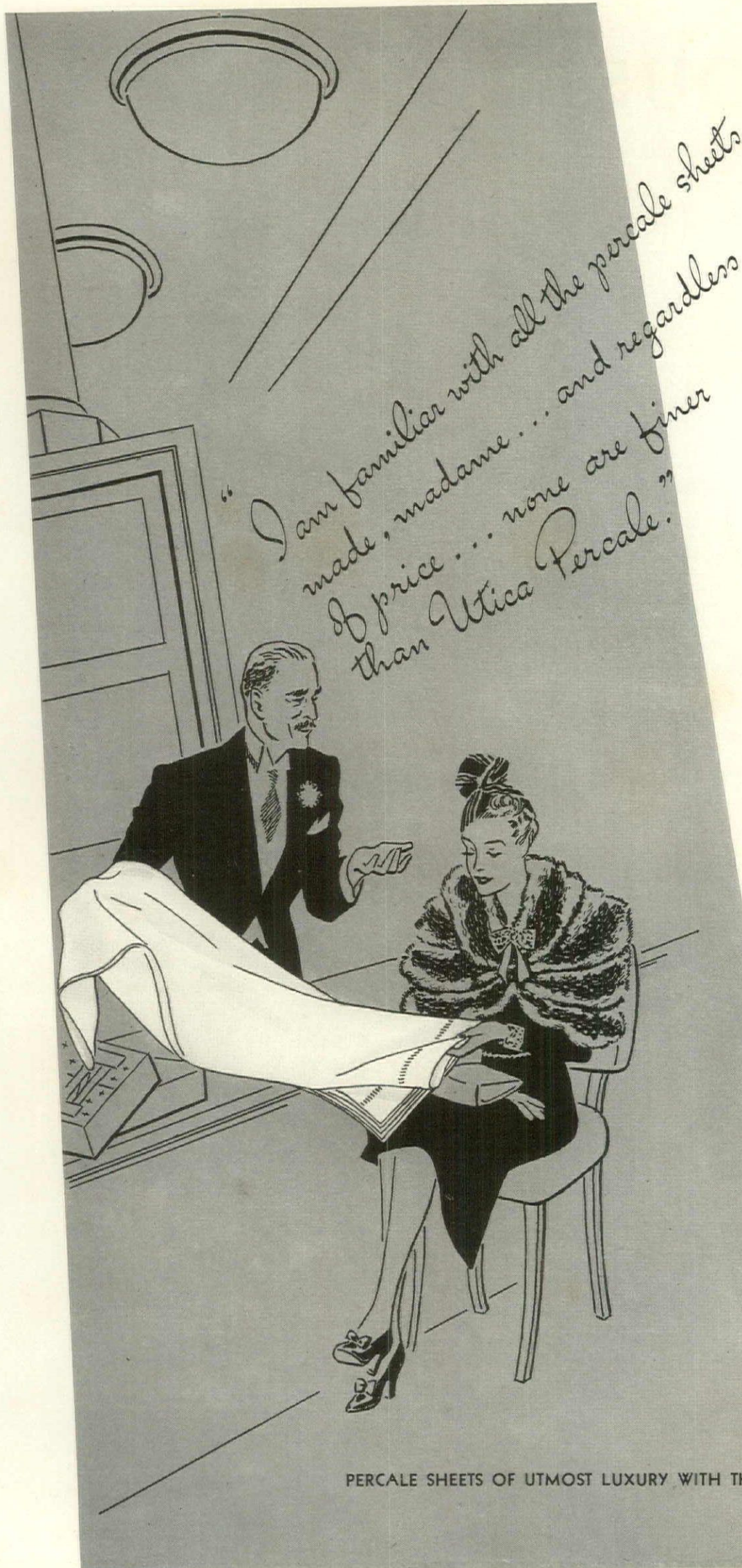
And just to make our Christmas gift to you complete, we are giving you in the First Section, a Portfolio of Distinguished Houses: from the Atlantic Coast, the Carolinas, the Great Lakes, Rocky Mountains, Desert Country, and the Pacific Coast. Don't deny yourself this Christmas package. And let it solve your gift problems!

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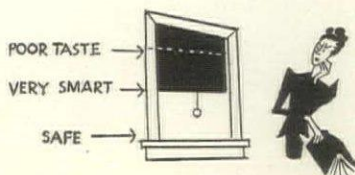
THE BULLETIN BOARD



GARDEN COLOR. Who says gardening interest in this country isn't increasing by leaps and bounds? Virginia can boast not alone an active Federation of Garden Clubs but also a Federation of Garden Clubs composed entirely of people of color. The average negro is blessed with the green thumb. These negro ladies, who have turned their wilderness yards into productive flowery paradises, comprise eighteen clubs in the State. They give their own flower shows—and good shows they are, too—attend lectures and are active in the effort to suppress billboards and other objectionable structures that hide the scenic beauties of the State. More power to them!

OCTOBER COVER. Many letters have been received concerning the cover of Section I of our October issue. The photograph by Fernand Bourges is of the living room in the Washington Square apartment of Mr. and Mrs. Joseph B. Platt in New York City.

BATHING 1791. Our search for the earliest American bathroom still blunders along. Perhaps after all we'll have to give the honors to the eccentric "Lord" Timothy Dexter of Newburyport, Mass. In the diary of the Rev. William Bentley, D. D., under the date of April 21, 1791, he mentions his visit to Dexter's house and, in describing the mansion, says, "there is a bathing room under the apartments of the nursery."



QUESTIONS AND ANSWERS. Life is real, my masters, life is earnest and the grave is certainly its goal and Death and the tax-collectors are the nemeses that haunt us all—and yet there come days when this vale of deficit seems easier to pass through—days when Loving Readers ask us leading questions. Such as the moral debutante who wanted to know if it is proper to keep the photograph of one's fiancé on one's bedside table. We replied that it was above reproach so long as a lot of other girls didn't have it on their bedside tables. . . . And then one poor bewildered soul wanted to know exactly to what distance the smart Eastern housewife lowered her window shades. Being a treader of the middle of the road, we told her halfway and let it go at that.

PESTS. Almost invariably, when one takes up gardening, he or she becomes philosophic. Like the correspondent who wrote us the other day. For eighteen years she lived in the heart of political Washington. Then she retired to a small country town and took to gardening. At the end of the first season she discovered that social and political pests have their exact counterpart in the green world—they are of two kinds, sucking bugs and chewing bugs.

STREET NAMES AGAIN. While we haven't embarrassed dealers in highboys, Sandwich Glass and Early American paper weights, our own circle of those who collect queer and picturesque street names is widening and widening as each mail contributes to our interesting store.

A New London scout brings in news of Spanyard Street, Fog Plain Road, Pepper Box Hill Road and Scotch Gap Road.

The Dallas watcher reports, near Grapevine, Texas, a Lonesome Dove Road, which runs past the Church of the Lonesome Dove. Dallas has its Mockingbird Lane, an important thoroughfare.

From Duxbury, Mass., comes Bumble Bee Lane and in Marshfield, Mass., is a Grasshopper Lane.

Woonsocket, R. I., reports in that State a Sin and Flesh Brook, Flat Top Pond, Rumstick Point, Dark Lantern Hill, Nine Men's Misery and Chopmist Hill.

Ipswich, Mass., runs a close second with Turkey Shore Road, Heartbreak Road and Labor-in-Vain Road. The upper end of High Street used to be called Pudd'n Lane, for reasons lost in antiquity. Heartbreak Road is named for the hill it circles, where the Indian maid watched in vain for her lover to come in from the sea. Labor-in-Vain Road follows a branch of the Ipswich River and is so named because where it enters the river it seems wider than the river itself, and fishermen, rowing upstream, were apt to mistake it for the main channel, only to find themselves caught in a swamp.



PACKAGE FIREPLACE. We Americans are a nation of "packagers". We do things up complete with paper and string. So it wasn't such a shock to find a western quarry offering a package fireplace. You merely state your desired color scheme, the height of your room and the size you want your fireplace, and they wrap up the necessary stones, all marked, and send them to you. You finish the job yourself.

PLANT TRILOGY. With "Roots, Their Place in Life and Legend", Miss Vernon Quinn rounds out as fine a trilogy of plant books as one could wish. The others were "Seeds" and "Leaves". Into each of these has gone wide scholarship for which her readers are deeply indebted. She has searched the storehouses of legend and ancient practice and brought forth for our enjoyment the lore of these three components of plants—set them down pleasantly and with many a merry touch. Marie A. Lawson framed the pages with picturesque and apt illustrations. We recommend "Roots", "Leaves" and "Seeds" to gardeners for their Winter reading.

We also put on our recommended list Allen W. Edminster's "Gardening As A Hobby"; Ruth Cross' experience story, "Eden on a Country Hill"; and the latest addition to the "Artistic Bouquet" literature, "Creative Flower Arrangement" by Dorothy Biddle and Dorothea Blom. Apropos the last, the International Horticultural Congress recently held in Berlin voted to make "The Art of Flower Arrangement" a permanent subject for further discussion at future congresses.

PLANTSMEN. Two names we shall be missing from the plant world—names of men who have furthered beauty in their particular lines: D. M. Andrews, who worked on Colorado plants and hybridized many fine iris; and Richard Deiner, whose petunias are among the garden's glories.

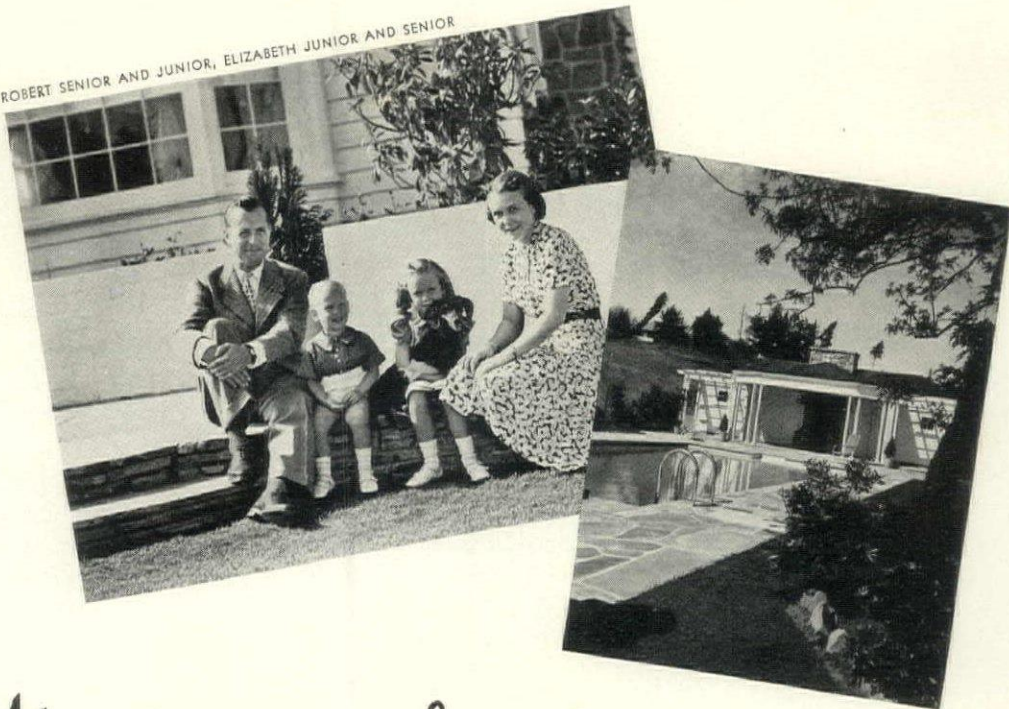
DESIGNER. Gardens on Parade, the Horticultural Exhibit at the New York World's Fair, of which we showed advance sketches last month, are being made from plans by William A. Delano, architect, and Charles Downing Lay, landscape architect.



ALL PHOTOGRAPHS BY DAPPRICH

Colonial simplicity dignifies the Robert Montgomerys' living room

ROBERT SENIOR AND JUNIOR, ELIZABETH JUNIOR AND SENIOR



The Robert Montgomerys live here

Mrs. Montgomery describes her home in Beverly Hills, Calif.

A FEW years ago, we thoroughly enjoyed the experience of renovating a farmhouse in New York and were so happy with the result that we decided we would like to build the same type in California. Of course, we realized it would have to be adapted to the California landscape. It was also necessary to remember that it would be a city house, not a farm. The contour of the location had to be considered, too. We had to assist us, Mr. Walter Wurdeman of Plummer, Wurdeman and Becket, Los Angeles architects, and for many months we worked with him, exchanging ideas until we had on paper the plans for an early American farmhouse, embodying almost all the little unusual and nice things that we had thought from time to time we would like to have in our own home.

When it was built, there was the entrance hall, finished in knotted pine. We had experimented for days to find a finish for that pine to make it look, not dark, not light, but just like naturally aged wood. When we were satisfied, we used it also in the library and for Mr. Montgomery's dressing room. On one wall of the hall we hung a prize picture. When we were in England at the time of the Silver Jubilee, we secured a signed copy of the Jubilee picture, painted by Munnings, of Queen Mary and King George V on their way to Ascot. In the light of later events, the picture has become particularly interesting because in the carriage ride the Prince of Wales and his brother who became, respectively, King Edward VIII and King George VI.

To the left of the entrance hall there is a slightly curved stairway to the upper floor. A shelf follows the contour of the stairway at about the height of the landing. We

have found this a delightful place for pots of trailing ivy and other plants with green glossy leaves.

The dining room also opens to the left. The furniture in this room is of dark mahogany combining Hepplewhite chairs and sideboard with a Sheraton table. At one side, there is a large bay window curtained with ruffled organdy. Because neither Mr. Montgomery nor I cares much for draperies, we have dispensed with them except in the living room and library. The rest of the house is entirely curtained with ruffled organdy. In the bay window of the dining room we have a small oval table, and as breakfast is generally a one-man affair at our house, this makes the most cheerful and convenient place for serving Mr. Montgomery's breakfast.

At one end of the dining room there is a built-in niche where I keep a complete Crown Derby tea set in miniature. Also, a tiny replica of my dining room table which I sometimes use as a centerpiece for dinner parties. The tiny table is equipped with a silver service, knives, forks and spoons about a half inch in size, place plates one and one-half inches in diameter, tiny goblets, candelabra and even salt and peppers.

The treatment of the dining room wall was a problem. In a copy of *HOUSE & GARDEN* I had seen a lovely White Plains home with a very interesting dining room wall. Upon investigation I learned that the decoration on the wall was a mural, not a wallpaper, and so I chose instead an attractive "American Revolution" wallpaper by Zuber. With its gay blues and reds, it is a happy choice and it is particularly beautiful in the soft glow of candlelight.

The Montgomerys wanted a Colonial

THE small powder room between the dining room and the library has a mirror-topped dressing table and it is papered with a gay red strawberry motif on a white background. The floor is red linoleum.

The library is perhaps the most used room in the house. The walls are lined with many shelves of books. Most of the pictures here and in the living room are hunting prints or original Beerbohm drawings. There is a large fireplace and the low chairs and couch are upholstered in soft tan leather. Mr. Montgomery complained that he never found a couch that was long enough and amused everyone by demanding that it be not less than ten feet long, very low and wide. Now our friends remark about how comfortable and attractive it is.

From the library there is a step down into the living room. For the living room fireplace, Mr. Wurdeman made an extensive study of New York and Pennsylvania farmhouse fireplaces and finally evolved our present one with a fireside seat and window. In front of the fireplace we have an old cobbler's bench that Edward Everett Horton found and gave us as a housewarming gift. Above the fireplace we have a few miniatures and a small drum that Mr. Montgomery found in a Bond Street shop. It is an exact copy of a regimental drum and is about five inches in diameter.

Radios are never made to look right in an early American home, so Mr. Montgomery designed the case for ours to resemble a mahogany desk. It has false drawers and one side opens for the sound box. The top of the desk opens to reveal the radio dials and the record changer. It is equipped with a Scott radio and a Capehart record changer. In this design, it "belongs" to our living room.

The selection of the rugs throughout the house took careful planning. In the living room are large oval braided rugs. Elsewhere we have braided rugs and hand-hooked rugs with the exception of the dining room, where there is a broadloom. A friend took Mr. Montgomery to a little shop in Ipswich, Massachusetts. Typically New England, the shop itself is very small, but back of it there is a huge barn filled with handmade rugs of all sizes and descriptions. The proprietor of the little shop goes, once each Spring, on a tour of the Eastern states buying from the women the rugs they have made during the Winter. From this marvelous collection, Mr. Montgomery selected several very large rugs and many small ones. We rather prefer using the small ones wherever it is practical.

Another thing that was difficult to fit into the type of house we wanted was the bar. We slipped it into a small closet-like space beside the library. Two bookshelves slide into the wall, a brass plate and shelf come down into place and there it is! Just inside is a trap door in the floor that leads to the wine cellar which is a complete, separate cellar.

Our kitchen is all-electric, done in white and red. The curtains are organdy, tied back with red ties and a red organdy carnation. The linoleum (*Continued on page 80*)

WHEN the Montgomerys began to plan their California house, they had one very definite idea—it had to be a Colonial farmhouse like the one they had remodeled a few years ago in New York. The new house was not to be a farm but a city house and, therefore, restricted by the shape of the site. As their ideas took shape Mr. Walter Wurdeman, Los Angeles architect, translated them into blueprints. The finished house embodies all the things they had always wanted—the big bay shown below, for example, was planned as a bright sunny background for breakfasts



Farmhouse



ABOVE: The two exterior views of the house show how the casual informality of a rambling New England farmhouse has been transplanted to Beverly Hills, Cal., and nothing has been lost in transit. There is still the rough charm of the stonework, the polished white doorway, and the simplicity of Colonial design, all blending with a landscape in character with the house. The top photograph shows how the Montgomerys adapted their house to its site

ABOVE: To preserve the early American atmosphere throughout the house Mr. Montgomery devised a false-face for the bar. The upper photograph shows the small room off the library in the dignified guise of a Colonial reading room. The scene changes, in the lower photograph, from dignity to gaiety—the bookcases slide into the wall and a brass plate and shelf drop down to form the bar. Directly behind this is a trap door to the wine cellar



ABOVE: Favorite room in the Montgomery ménage is the library. It is filled with the elements of comfort—a fireplace, books, hunting prints and the soft colors of natural pine walls, hooked rugs, and tan leather furniture. Mr. Montgomery has settled into a giant couch (over ten feet long) designed especially at his request for a “couch that was long enough”

Here they relax

BELOW, LEFT: The master bedroom is quaint without being artificial. The twin beds have ruffled organdy canopies with neat tie-back curtains on either side. The light gray walls and dead-white woodwork provide a contrasting background for the furniture which is upholstered in colored fabrics. Paul Sample's water color sketch of “The Red Barn” adds a spot of color

BELOW, RIGHT: Another view of the master bedroom shows the recessed window and the soft-cushioned sofa, upholstered in a light green flowered chintz. In a little antique shop in Ipswich, Mass., Mr. Montgomery found the hooked rugs which brighten the color scheme. In the background is a wing chair gaily finished in a pattern of flowers on a yellow ground





ABOVE, LEFT: On the walls of the dining room British redcoats and buff-and-blue Colonials re-enact scenes from the Revolution. The wallpaper, designed by Zuber, provides a colorful setting for the simple Hepplewhite chairs and Sheraton table. The niche contains Mrs. Montgomery's miniatures—a Crown Derby tea set and a replica of her completely appointed table

ABOVE, RIGHT: Since sunlight is as much a part of breakfast as coffee or the morning paper, the Montgomerys planned their dining room with this spacious bay window. And because "breakfast is generally a one-man affair", Mr. Montgomery enjoys the cheery atmosphere alone. The bright sunlight is softened by ruffled organdy curtains neatly draped across

BELOW: Around the huge open-hearth fireplace in the living room the Montgomerys have gathered intimate reminders of Colonial life which spell simplicity and comfort: the fire-side seat, an old wing chair, a cobbler's bench (a gift from Edward Everett Horton), and rough braided rugs. On the mantel are miniatures collected by Mr. Montgomery in London's Bond Street

Here they entertain



Fascinating Ivies

MANY experiments have been made during recent years to discover really satisfactory house plants to add to the limited list formerly available. Milady, having again taken seriously to indoor gardening—being modern, she must take even her pleasures and hobbies seriously—has been looking about for decorative new effects. But—being modern—she has also insisted that her finds be practical—that they shall succeed without endless fussing and nursing.

Strangely enough, one of the old favorites has provided what is probably the most varied and satisfactory single group of all the newer house plants—the ivy! Old mater familiae, *Hedera helix*—with all her heterogeneous daughters and their Hibernian cousins. Varied indeed is the selection which this intriguing clan offers to both the lover of plants and the searcher for unusual decorative effects.

Since before recorded time the ivy, more than any other vine, has entwined itself about our affections. Indeed, in its sentimental grip it almost vies with the rose, though it has had no flower, no color, no fragrance to help it gain its position. Undeniably the tracery of an unfolding spray of English ivy is one of the most beautiful of all the decorative designs in Nature, and hence its place as a classic example of perfection in delicate gracefulness was inevitable. However, the common English ivy, grown indoors in a small room, or among other plants in the window garden, is too coarse and unwieldy to be considered ideal for the purpose.

And so of late there has been a demand for a score or more of ivies which differ decidedly from the well-known *Hedera helix*. In fact, the ivy "collection" is now an interesting hobby. A group of species and varieties, exhibited by Margaret Finck McGovern and Mrs. Edgar Stix at a recent International Flower Show, attracted more attention than any other "family" exhibit in the whole show—with the possible exception of Colonel Spingarn's spectacular clematis collection. It was a revelation to thousands of gardeners in what the good old ivy has to offer window gardeners and decorators.

Some of these ivies are new horticultural varieties; others are species and old forms that have been known for a century or more, but only now are becoming generally available. They are finding a ready welcome today both because of their intrinsic beauty, and because they are more graceful, or smaller or more compact in growth, than the ordinary type. Several of them are so new in commerce that the nomenclature is still very much involved. It is to be hoped that the forthcoming edition of Standardized Plant Names will help to straighten it out.

THE CLIMBERS AND TRAILERS. The type of English ivy universally known is *Hedera helix*, popular for use both out-of-doors and inside the house. Ideal for either purpose under many conditions, it is nevertheless frequently "out of scale" in the window garden, and sometimes in the small plot out-of-doors.

Next best known is a form introduced from Russia, the Baltic ivy, *H. h. Baltica*, with smaller leaves, and somewhat closer growth. *Baltica* is commonly reputed to be hardier than the English type



Hand-shaped
or pedata ivy

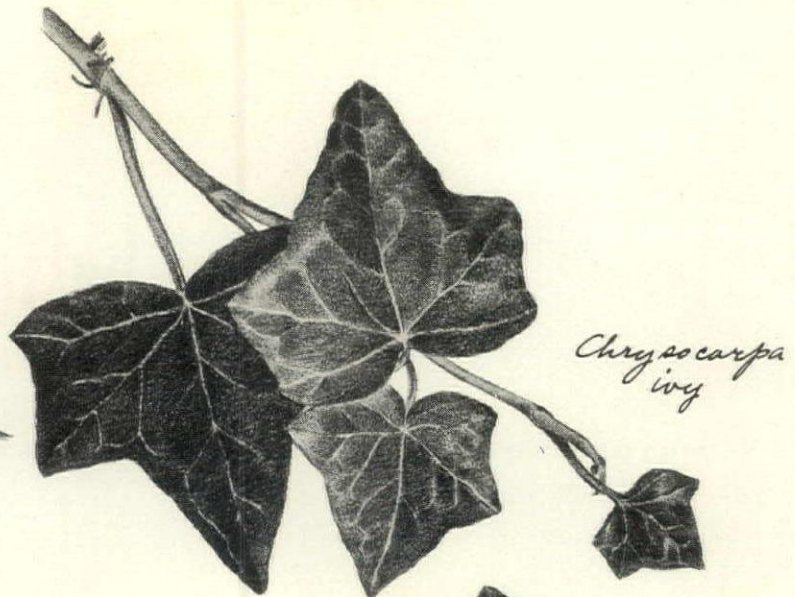
Miniature-leaved
English ivy



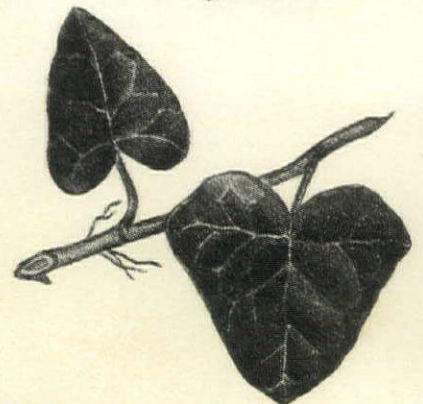
Bunchleaf
English ivy



Green centers
and white edges
Cavendish ivy



Chrysocarpa
ivy



Corsican
ivy



Fern-like
minima ivy

although Donald Wyman of the Arnold Arboretum informs me that there is some question on this point.

The Miniature-leaved English ivy, *elegantissima* or *gracilis*, is entirely distinct from *helix*, the leaves being only a fraction of the size, and the vines so slender as to be almost string-like. It is charming as a window climber or a trailer for a wall bracket. Its only shortcoming is that the small leaves are spaced so far apart that the plant gives a rather thin effect unless one secures a "made-up" pot of several plants, providing a generous number of leads.

Perhaps best suited for average house conditions are the lovely small-leaved Pittsburgh ivy, and its sub-form Pittsburgh Self-branching Improved. The latter is distinct in that it forms, as it grows, innumerable short side-shoots or laterals. These provide greater density, and give this particular variety the combined advantages of both the trailing and the "bush" types. Compact and yet retaining the gracefulness of the regular vine types, it is ideal for a table piece or for the window garden. I believe this variety is destined to become a leading house plant, particularly as it is an "easy" grower and retains its foliage well.

DWARF-GROWING FORMS. Often there is occasion to use ivy where long trailers would be decidedly in the way. Then one of the several compact or dwarf-growing varieties can be employed. They give a touch of pleasing green foliage in spots where few other long-lasting foliage plants could be grown.

Perhaps the best known of these "bush" forms is—or was until recently—*arborescens*, or Bush ivy, a type of *helix* grown from the flowering shoots of old plants which do not "run". But the leaves, like those of a lilac, are less attractive, and the whole plant rather coarse.

The Albany ivy, *H. h. dankeriana*, hailing from Italy, is much more attractive. It "stays put" better than any other ivy I know, neither growing out of bounds nor losing its foliage. A well-grown pan (made up of several plants) remains about five or six inches high, merely becoming more dense as new shoots are sent up from the roots. This ivy is reported to be subject to a "black spot" disease, similar to that attacking roses, but the specimen in my possession, kept under ordinary house conditions, has never shown any indication of it. In fact it has remained unusually healthy and vigorous—as, indeed, many others I have seen have always seemed to be.

For those who like something decidedly out of the ordinary, or for a strikingly modernistic touch, there is the crinkly-leaved, dense-growing and dark-toned Bunchleaf ivy—*H. conglomerata*. This is certainly one of the most distinctive of all. It apparently likes a bit more eastern light, or morning sunlight, than some of the others; and a fairly moist atmosphere. So far as my personal experience goes, I would not recommend it as a table plant, charming as it is for that purpose, unless it can frequently be changed to congenial quarters.

Conglomerata however is not a tender ivy. In fact, it is to some extent being used for the rock garden, where its dwarf form and picturesque foliage make it very effective. In one (Continued on page 83)

DRAWINGS BY TABEA HOFMANN

Bountiful buffet

*We plan a sideboard supper
for your Fall entertaining*



FOR COCKTAILS—A SILVER SHAKER AND TRAY FROM SAMUEL KIRK



ABOVE: BEVERAGE SET IN FOSTORIA GLASS

BELOW: KIRK'S SILVER TEA SERVICE; ROYAL DOULTON CHINA



Now is the time when all good ideas should come to the aid of the hostess. For the Fall is open season for entertainment as well as football and hunting. It is a time when gay groups gather around festive boards and chase the cares of Winter with sophisticated dinners, luncheons, and buffet suppers.

The party spirit is in the air. People talk of Thanksgiving, turkey, plum puddings and every one has an eye on Christmas which is just around that blustery corner. And so HOUSE & GARDEN has planned the colorful buffet supper table on the opposite page. It catches the spirit of the season and translates it into bright colors. The buffet is brilliant with gleaming silver and soft-toned china. It invites the guests to help themselves.

As a basis for the setting, we selected a rich mahogany sideboard. This and the Chippendale chairs flanking it and also the mirror of English gesso in gold are from Manor House. The gray rug is a high-ribbed broadloom from Lord & Taylor. The wallpaper which provides such a colorful background is Nancy McClelland's "Jeunesse" pattern.

The table appointments illustrate an interesting combination of modern and antique pieces. The contrast is seen both in the silver and the china. A pair of antique Sheffield candelabra from S. Serota date from 1800, while the flat silver, King pattern, the graceful silver salad bowl and the salts and peppers from Samuel Kirk are of contemporary design. The wooden salad servers are from Ovington's.

The centerpiece, piled high with Autumn fruit, is an antique porcelain compote imported from France by James Pendleton. The covered dish of Ridgway china is also an antique and part of a complete set from Alice Sydnam. In pleasing harmony are the Royal Doulton dinner plates of English bone china with gadroon edge. They are imported by W. S. Pitcairn and can be found at Wanamaker's. The gray damask napkins used on the buffet are in Léron's "Duchesse Lace" pattern.

To supplement the buffet service, we selected the pieces shown at the left. For cocktails, Fostoria's Chelsea glasses are used with a silver shaker and tray from Kirk. The French linen napkins, white embroidered with red, come from Léron. The beverage set combines Kirk's silver tray and a pitcher and glasses also in Fostoria's Chelsea pattern from Altman. On the tea table, from Manor House, there is Samuel Kirk's silver service to which we have added a lemon plate of Fostoria glass in the "Liberty" pattern, Altman. The cups and saucers from Wm. S. Pitcairn are in another pattern of Royal Doulton's English china with a gold gadroon edge. The tea napkins of French linen come from Léron.



ANTON BRUEHL • CONDÉ NAST ENGRAVING

Fine china and gleaming silver against dark mahogany enhance the beauty of our buffet setting



AMARYLLIS PSITTACINA.

Revolution in flower arrangement

Unusual materials for floral decoration

by Ethel Dodd Thomas

FLOWER arrangements are like the present revolution. They have been creeping upon us silently, leaving most of the dear old general public unaware that they have reached the point of dictatorship—specialists, anyway. Before the inevitable Hitler or Schiaparelli puts in an appearance, it might be as well to know what has been going on, outside of public print, in the homes of various modern American women.

Interior decoration, as such, has nearly reached the saturation point. Stop-lights are needed to check the rush of experts from coast to coast. What next? Flower arrangements. Not quite so easy? To be sure you can buy a yard and a half of flowers at any of the large shops and vases to go with them. Merely a symptomatic reflection of the armed forces at work in the field. For years we have had finely illustrated books, lectures galore on the subject. We have had the Garden Club trumpeters with their tape measures and solemn judges. All of which has helped immeasurably to bring flowers into the house with form and symmetry. These training camps have done their work and well, have brought us up to this present strategic point—that particular point where the Interior Decorator signs off and leaves the flower arrangements to go on under their own momentum. They have gone pretty far—have reached that ultimate goal where humor finds its place in any form of creative art.

It has been said that Elsa Schiaparelli, when she first came to America, spent time shopping in the five-and-ten Woolworth stores. La Schiaparelli has fun. She has brought humor into clothes. Just as Ely Culbertson has brought humor into bridge (and was it needed!) some years ago.

A humorous, and certainly an original table decoration was launched by a woman who didn't like to go out in the rain to pick her flowers. She used eggs. Pure white eggs in Chelsea comports. The lunch was gay, a *succès fou*. Everyone was enchanted with the white and silver table. This same woman, by the way, has used kale on her table, low Sheffield urns of the moss green leaves, long before Mrs. Constance Spry landed on our shores to tell us the success story of the "humble *Brassica oleracea*" in London, England.

If kale tickles the British fancy, we wonder about the use of broccoli, gone to seed. Americans like it. At least two elderly garden club madams put on a Helen Hokinson act the first time they saw it used in the house of a somewhat refractory member of their club. This woman did pretty daring things about her home and person in the color line. It was late October, after a New England frost, and these

two ladies were startled by a glowing, delicate chartreuse arrangement against a rich blue wall. They stared through lorgnettes, murmured: "Helianthus—Golden Glow." They were shocked into complete silence by the astounding information that they were gazing upon the broccoli flower from the ordinary vegetable garden.

Small wonder. This woman had recently taken a prize at an autumn flower show with none other than a Hubbard squash! The squash was as large as a big watermelon—soft blue-green. The top had been sawed off (did you ever try to cut a Hubbard squash?) lengthwise, leaving a boat-shaped receptacle with enough pulp inside for foundation work. Into this went the orange berries of *Celastrus scandens* (bitter sweet). Brilliant blue statice stalks. The ghost-like lacy purple skeleton of the elderberry flower. A few shiny black shoe buttons from the honey-suckle vines, the scarlet and emerald berries of *Lycium chinense*, matrimony vine. The whole was filled in with *Ampelopsis heterophylla*, the turquoise berries that have a patine like Ming pottery.

And, believe it or not, ye old patch of Rhubarb, down by the well, has picked up its bed and walked right into Flower Shows—come out with prizes, too. Both dried and fresh, the tall spikes are beautiful. It can be used in three forms. The plume-like white blossoms. The first chartreuse-green seed pods dotted in a smart London Tan. The final and lasting red-brown stalks that can be put into tall copper pitchers and kept, without water, almost as long as desired.

Everyone should grow purple cabbage. Line them up in terra cotta pots on the terrace in the Fall. Eat them in hors-d'oeuvres. Look at their jewel-like iridescent color night and morning.

And onions! Even if you so unfortunately belong to the poor-white aristocracy that simply won't allow one inside the house, you might be surprised to learn that the tall, perfect white accent in many a flower arrangement is the lowly, scorned onion gone to seed. Also leek blossoms have a place in the color chart. Violet, that doesn't fade, and can be thoroughly dried for Winter use.

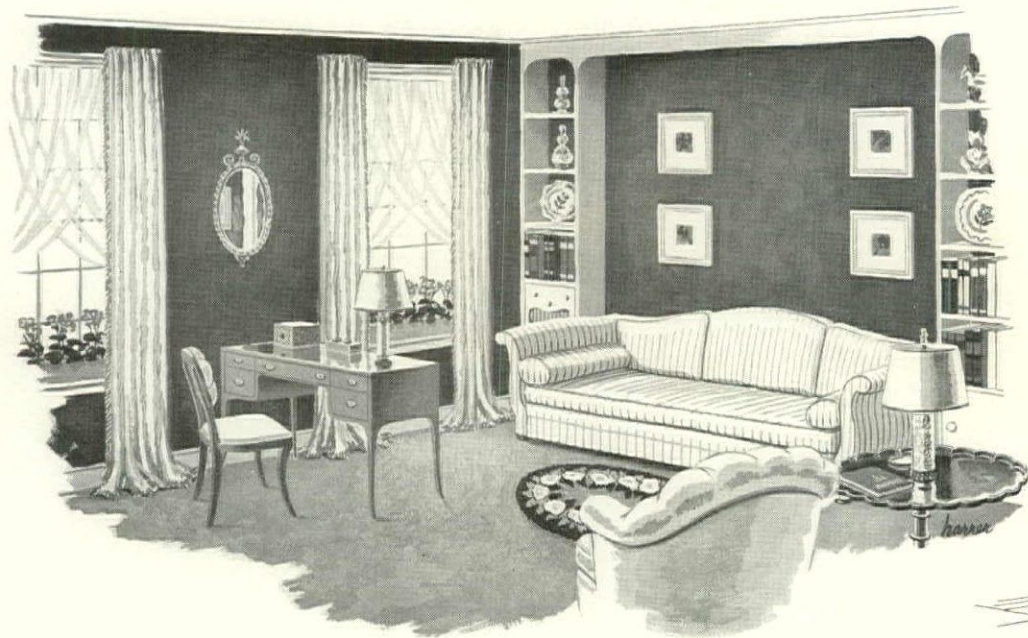
One of the most entrancing Tussy Mussy types of bouquets that ever had a paper frill put around it was made up of Lilliput zinnias, every color, and edged with a deep band of moss-curved parsley. All gardeners—should sing a song of parsley. Use it as a border for both vegetables and flowers. Try it sometime tossed into deep fat, as a garnish for steak. Parsley is not a facetious suggestion. The bizarre in (Continued on page 91)

AMARYLLIS PSITTACINA

From its collection of flower prints HOUSE & GARDEN selects this aquatint of *Amaryllis psittacina* by Mrs. Edward Bury. It first appeared in a book written and illustrated by her, bearing the title, "A Selection of Hexandrian Plants" and published in London in 1834. Mrs. Bury was one of those Victorian ladies who took both their botany and their art seriously. Plates of her drawings were engraved and the book published by R. Havell, who is remembered as the engraver of the elephant folio of birds by Audubon.

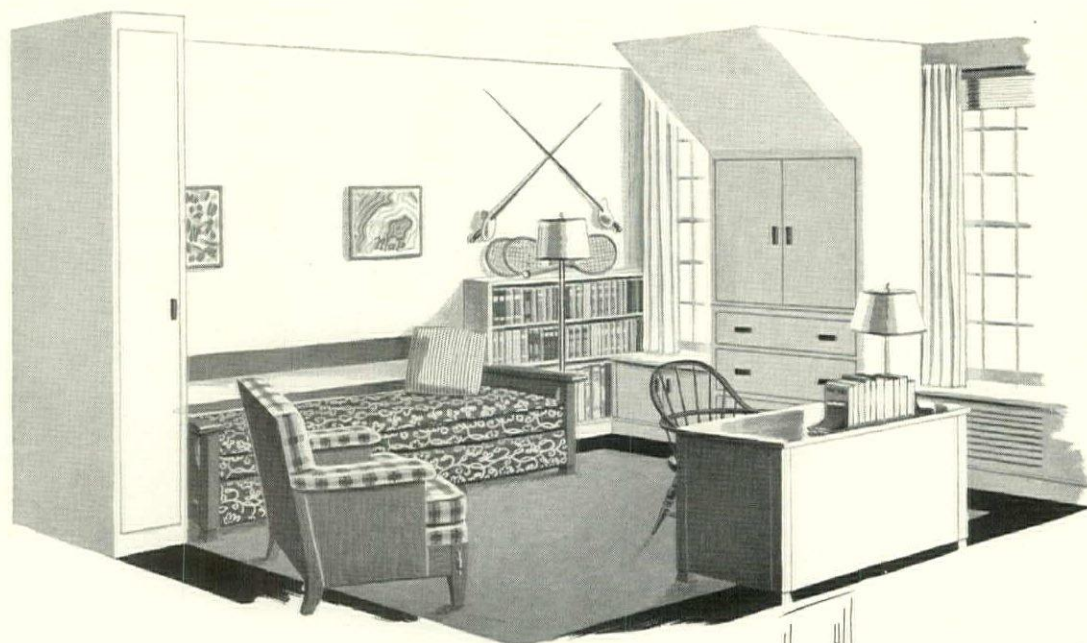
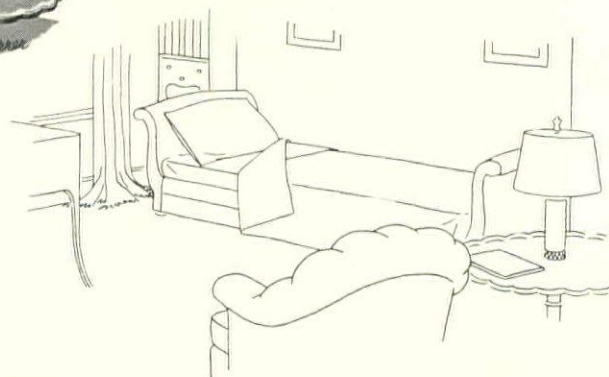
"Turnabout" Rooms

Many rooms in your house can be made to serve double duty if they are planned around one of these new sofa beds



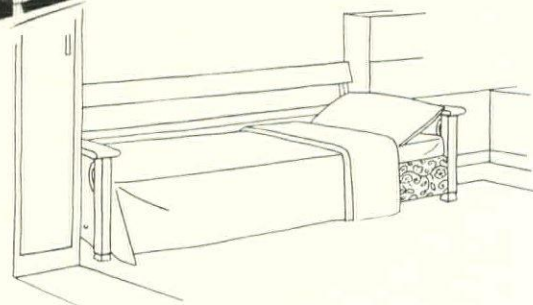
A mother-in-law's room

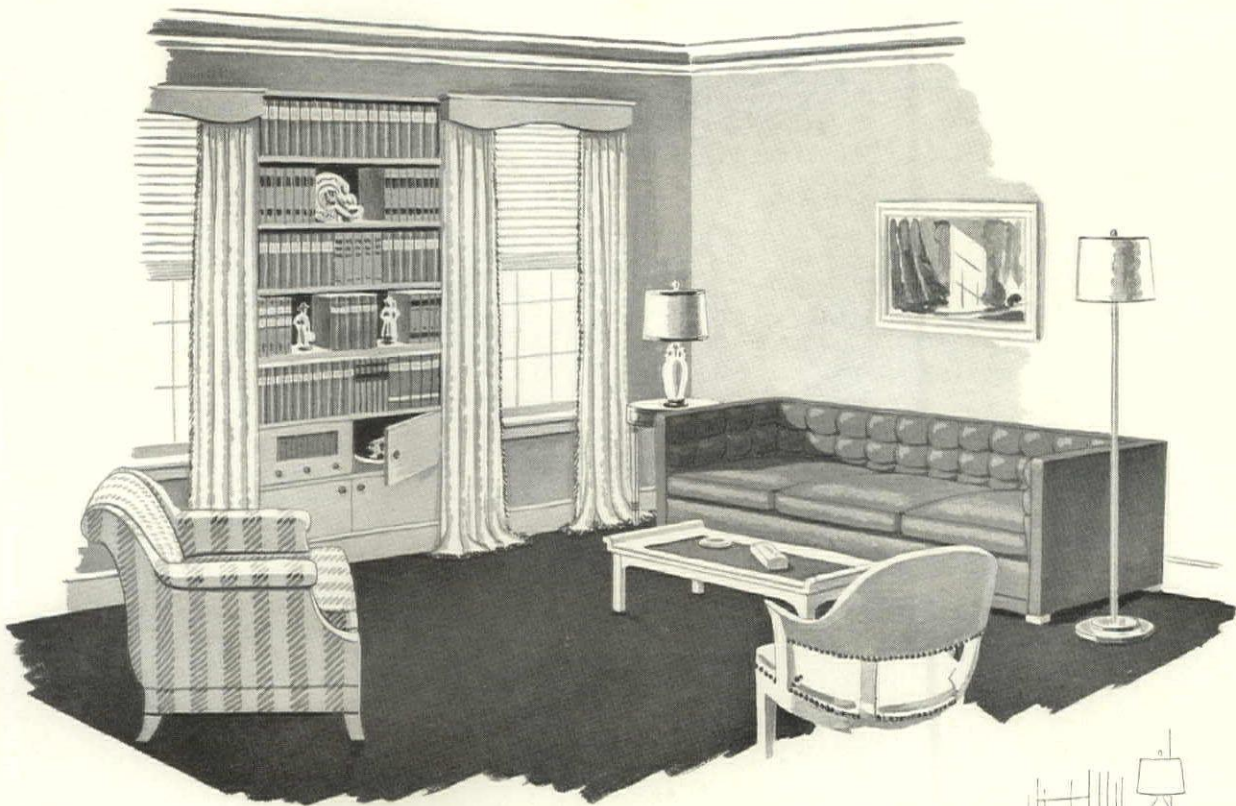
Mother-in-law can really enjoy this charming sitting room of her own and entertain her friends here. The sofa turns into a 36-inch-wide bed at night, by a mere whisking away of back cushions and the tailored cover over the top mattress. This cover tucks tightly over the bedding and the specially-built Simmons Beautyrest mattress, the sides of which are reinforced against sagging. From Hale. Detail sketch at the right shows the scheme in operation



For a young man

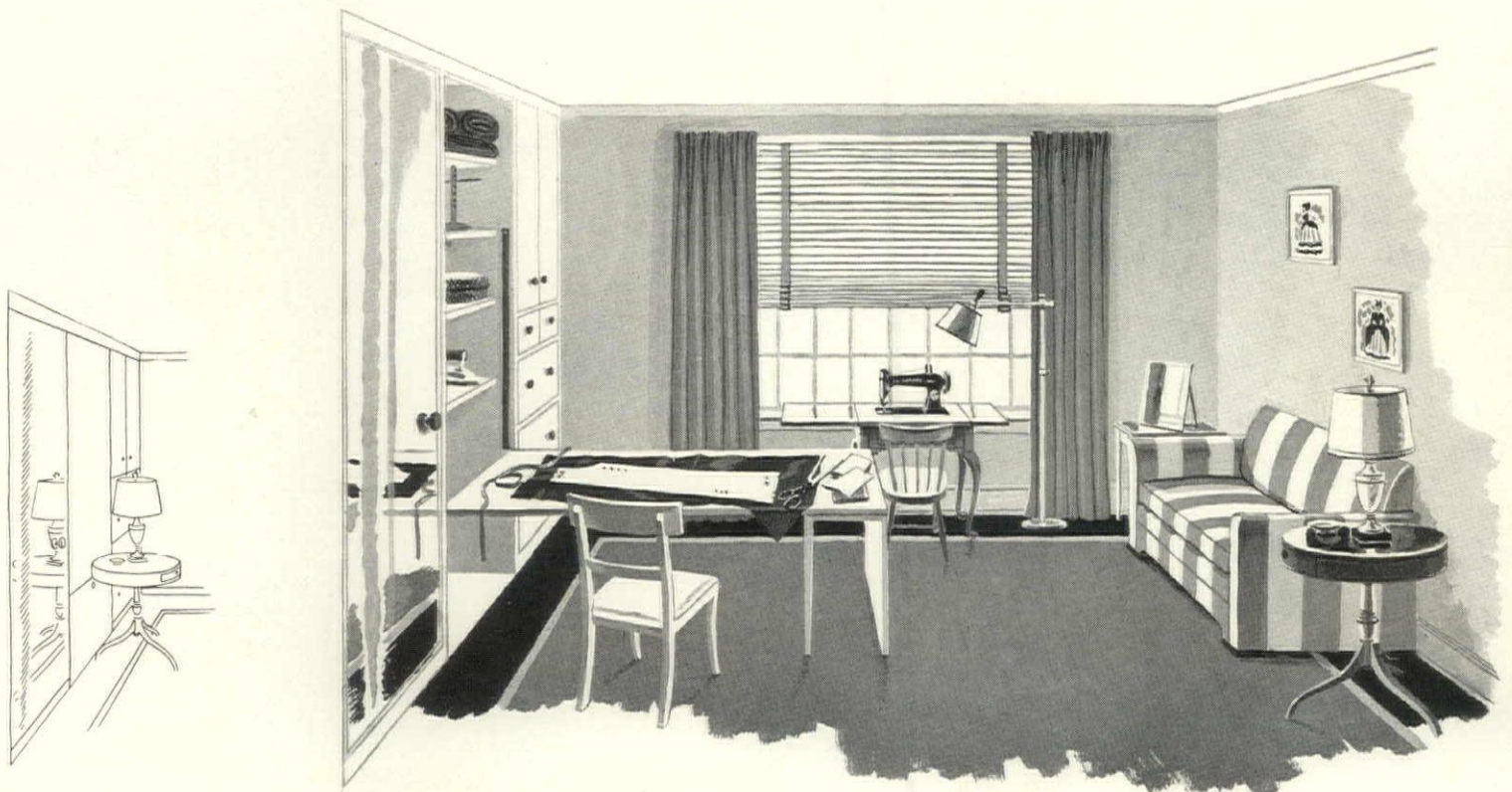
Make over the young-man-of-the-family's onetime nursery into a den with a real masculine touch. Hide the dressing mirror over built-in drawers behind doors and give him a business-like desk, adequate study lamps, and plenty of cupboard space. The sturdy maple lounge bed (single bed width) is ideal here, with its Serta-Sleeper box spring and mattress, and a cover that zips right over the bedding with short slide fasteners placed diagonally under each corner





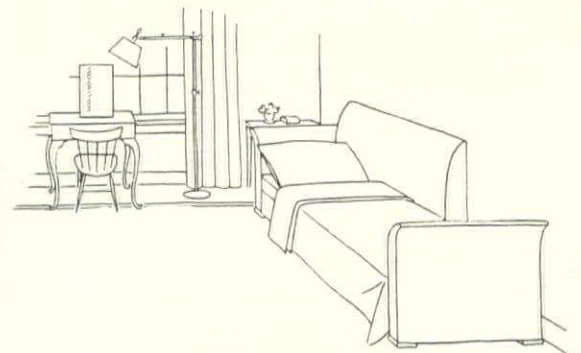
A library-guest room

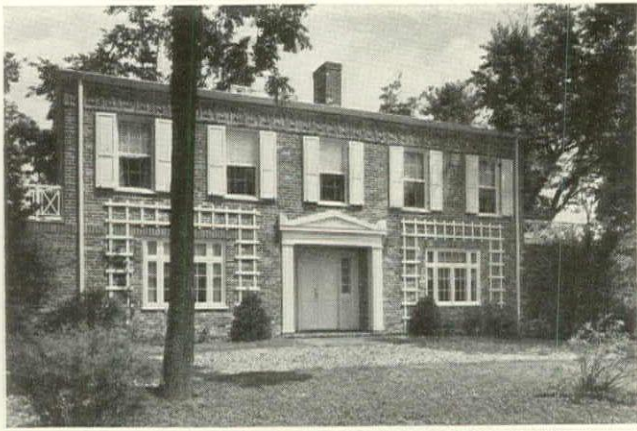
Try turning that small room, perhaps now a little-used guest room, into a library equipped with radio, phonograph, and books, where you can retreat when the younger generation is holding forth in the living room. A Simmons sofa bed that opens into a double bed makes it possible to accommodate an extra guest. A chest with mirror on the side of the room (not shown) is convenient as a dresser when needed. At right the sofa is used as a bed.



For sewing, or a guest

If you do any home sewing, make that small, back room a well-equipped work-room. Cover the floor with linoleum so you won't have to worry about threads, and install a big cutting board, preferably one that can fold up into the wall, and a full length mirror. A Burton-Dixie love seat that opens out to a single bed, gives you a comfortable place to sit for hand sewing, and provides emergency sleeping space. The sewing machine becomes a dressing table





THE HOME OF MR. AND MRS. ADRIAN ONDERDONK AT HAGERSTOWN, MD.

Maryland house rebuilt

F. S. LINCOLN



*Combining the charm of Colonial
with elements of modern comfort*

The dining room is worked out around a delightfully gay, pale green and white wallpaper in a tracery design giving a chinoiserie effect. The accents are deep blue. The crystal chandelier repeats the light feeling of the walls, and the same light note is expressed in the white silk rep draperies with blue fringe. The furniture is Federal mahogany from Statton

WHEN the old house of Mr. and Mrs. Adrian Onderdonk, in Hagerstown, Maryland, burned down not so long ago, it was decided to rebuild it on the same spot. The same foundations were to be used and the same beautiful old hand-made bricks dating back to Colonial times. But in order to provide the desired view of the terraces and the garden the house was reconstructed so that it would face in the opposite direction.

Although the plan was to keep the atmosphere and feeling of the old house, a few compromises were made for added comfort. And because the designer of the house, William Lemen Beard, and the decorator, Mrs. Helen B. Statton, worked so closely together both the interiors and exteriors are co-ordinated in an unusually effective manner.

The decorating problem consisted of creating a charming and livable home at moderate cost. The living room is designed in mocha and blue around a family portrait and a Kerman rug, with attractive detail in the shelves and paneling. Statton furniture is used throughout the house, expressing the sturdy American Colonial feeling in solid mahogany. Much of the charm of the rooms comes also from the especially designed draperies and bedspreads, created by Maidstone, Inc., the decorating firm in Hagerstown, Maryland, with which Mr. Beard and Mrs. Statton are associated. The floor plans and a rear view of the house and terrace are shown on page 79.



THE LIVING ROOM IS INVITINGLY SPACIOUS



FOR A YOUNG GIRL, EMBROIDERED FLOUNCES IN A BLUE AND PEACH ROOM



THE GUEST ROOM HAS A FOUR-POSTER WITH PICTURESQUE CANOPY



THE MASTER BEDROOM FEATURES WHITE NET DRAPED OVER ROSE RED



FOUNTAIN OUTSIDE THE WALL

Garden in Guatemala

"The House in Antigua"—tropical garden of Wilson Popenoe

THE WALLED BAROQUE GARDEN





DIPPING POOL IN THE WALLED GARDEN

WHEN Louis Adamic wrote his fascinating "adventure in beauty" called "The House in Antigua", he was describing the home of Wilson Popenoe. To botanists and gardeners Mr. Popenoe is known as an authority on tropical fruit.

His garden, a place of many gardens in fact, is one of striking, timeless beauty. Hidden away behind high walls is a paved space (on the opposite page) with raised beds ranging along the walls and down the middle, beds supported by high cement curbing in rhythmic Baroque curves. As shown above, at one end of the middle path a wall fountain spills its trickle into a dipping pool. These high beds (and how convenient they must be to work in!) are massed with multicolored flowers which soften the hardness of the cement coping without hiding its design. Vines spill over the wall in characteristic tropical profusion and frame the garden with luxuriant foliage.

Outside a high wall are the tall Baroque fountain and basin shown at the top of the opposite page. This garden is fascinating to those who tire of our usual informal designs.

Amateur forecasting — a fascinating hobby for some people — guides gardeners and sportsmen and protects us all from winter ills

Ice in November
enough to bear a duck,
All the coming winter
will be mud and muck.

A WEATHER-EYE

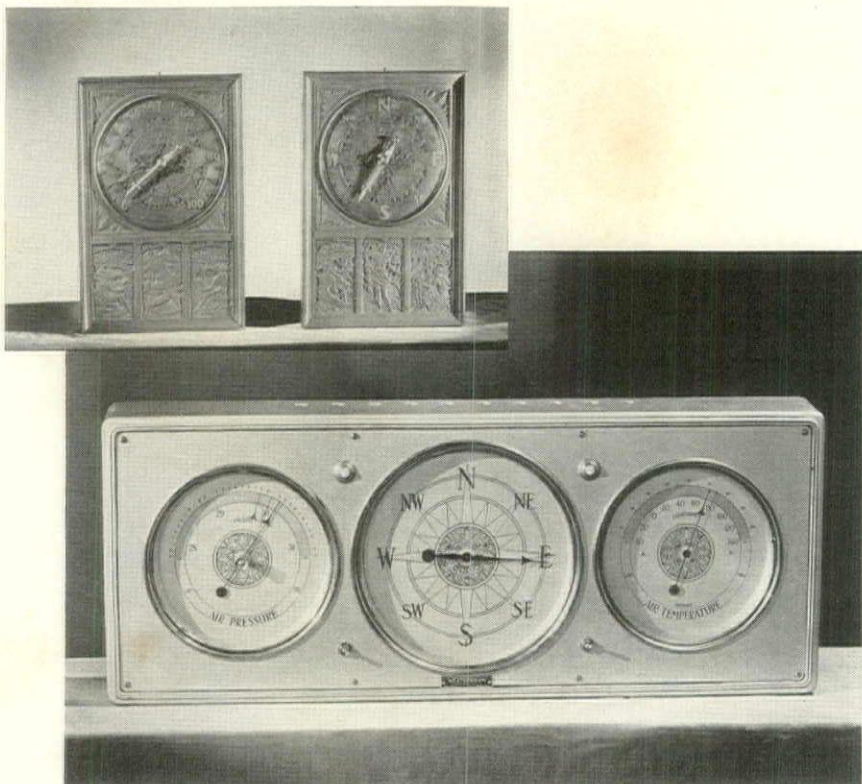
Our rich collection of traditional weather-lore gives homely evidence of an age-old concern with the weather and its changes. These old rules-of-thumb express the same sort of resignation before the inscrutable why and wherefore of the weather that we feel today, but they also prove that we have always tried to get the best of the inevitable by prophesying which way it would turn.

Although Job was apparently satisfied with the finality and truth of his statement that "Fair weather cometh out of the North" there were others, perhaps more practical than pious, trying to figure out when it would come and how long it would last. The wind still "bloweth where it listeth" but we want to know which way and how hard it will blow today. So we scan the sky and watch the winds as men have always done and then, being moderns, we check these weather-signs by instruments which record temperature, pressure and humidity for a reliable forecast.

Any family, forewarned by such predictions, is forearmed so that life can be planned to fit the weather. The garden will be protected from sudden frosts and heavy winds, skis and skates can be polished up for deep snow and clear cold nights, and everything made snug and tight before a "line-storm" or northeaster.

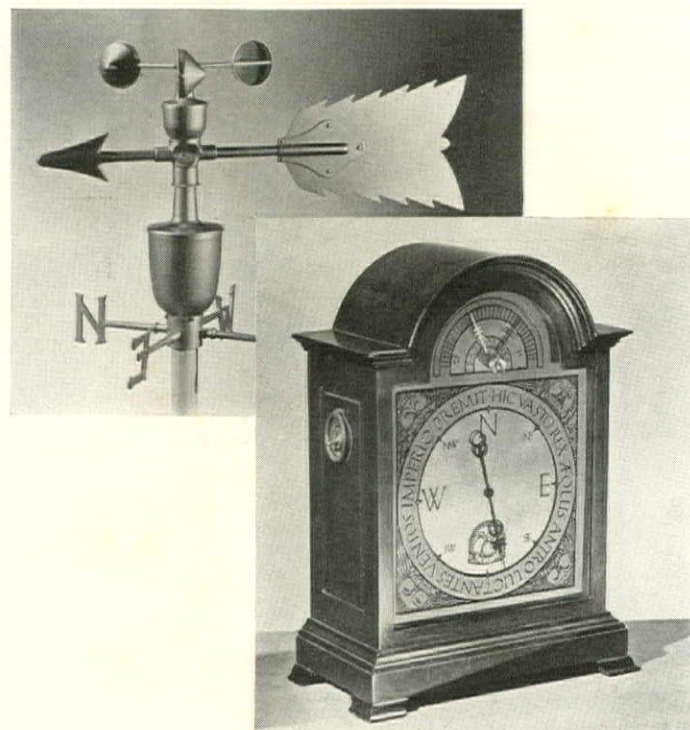
Such guidance is reason enough for predicting your own weather, but forecasting also has the makings of a perfect hobby. (Continued on page 81)

Bronze plaques indicate wind direction and speed, recorded by vane like the one at right



"The Weatherman", controlled by recording vane above right, gives temperature, pressure, wind direction and speed. Friez; from Abercrombie & Fitch

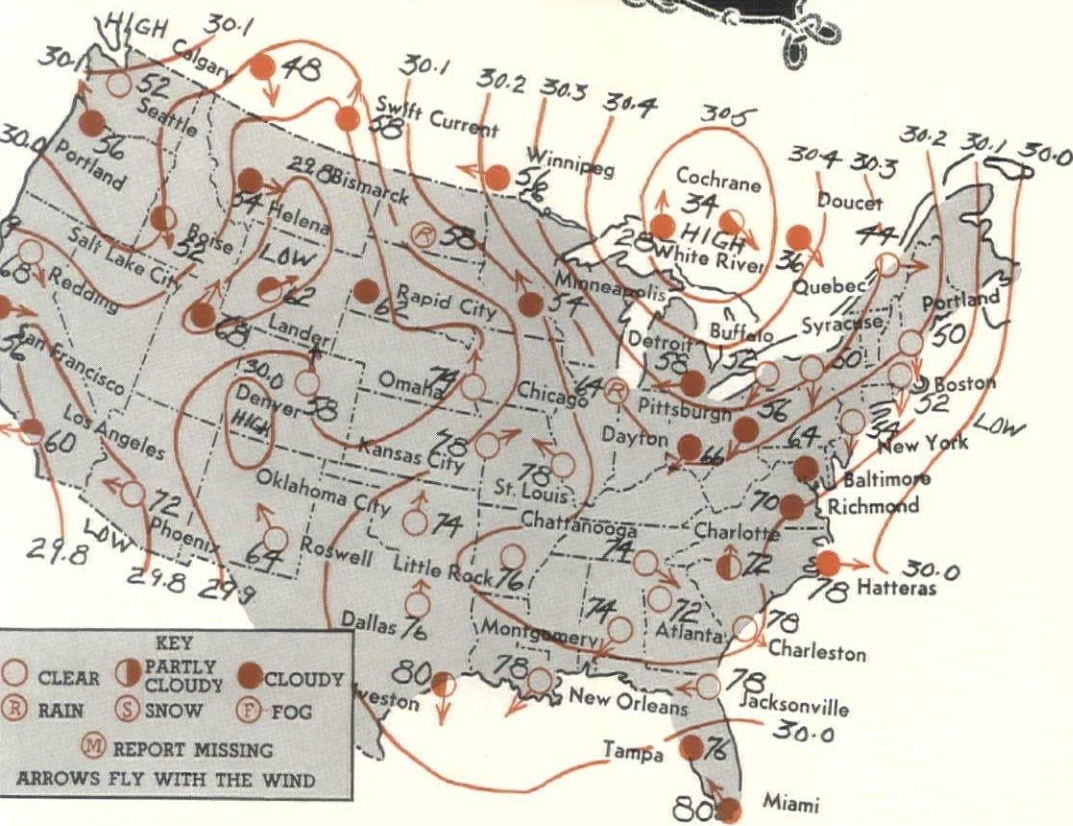
Weather vane and anemometer installed on roof and electrically connected to indicators shown



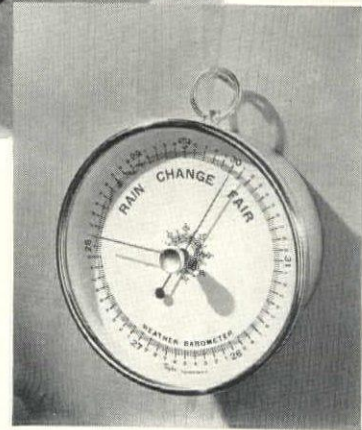
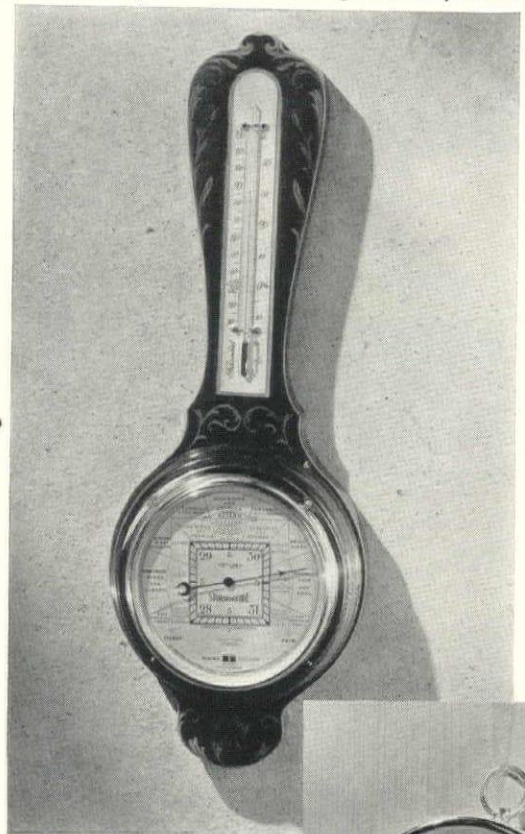
Georgian mantel indicator gives Weatherman recordings in a traditional setting

Red at night is the shepherd's delight.
Red in the morning is the shepherd's warning.

Mackerel skies and mares' tails
Make great ships carry low sails.



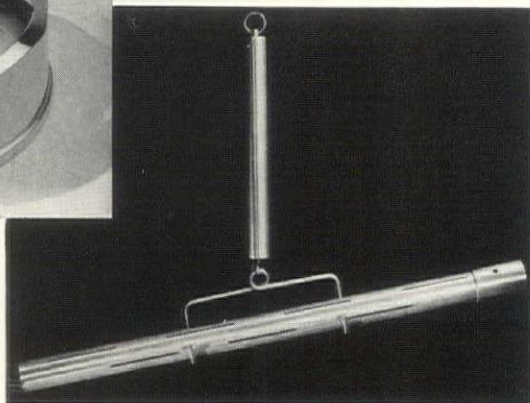
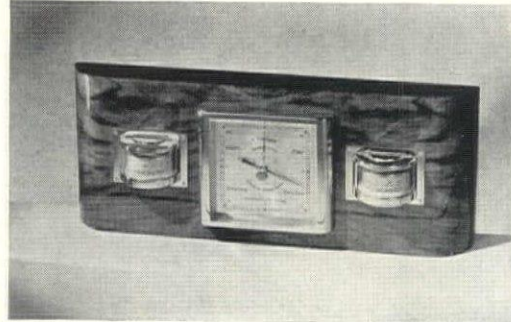
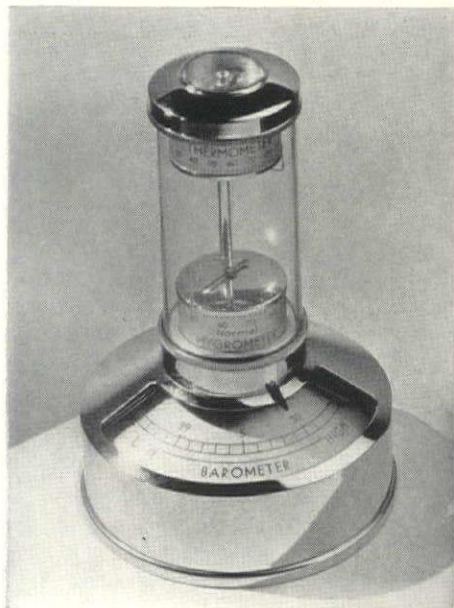
Taylor "Stormoguide": thermometer and barometer showing charted forecasting data. Meyrowitz



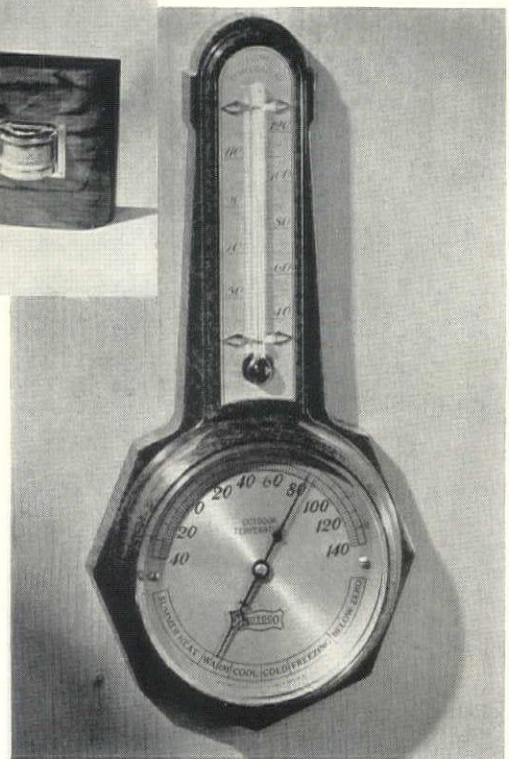
Handsome walnut desk set with a barometer, thermometer and hygrometer. Abercrombie & Fitch

This reliable aneroid barometer comes in a trim brass case. Taylor

"Meteorological Pillar" measures temperature, pressure, and humidity. Meyrowitz



For serious skiers the "Snow Sampler" gives snow depth and density (indicating its wetness). Friez



"Indoor-Outdoor" thermometer on outside wall gives both temperatures. Abercrombie & Fitch

Moonlight gardens of Ireland



LEFT: Because of the rare qualities of its moonlight, Ireland has long been known for its black and white gardens—gardens of yew, that, in the moonlight, are so dark green as to appear black. White flowers are combined with the yew as in this black and white water garden at Mount Stewart, Londonderry. Along the banksides are urns of spirally clipped yew holding large pots of white lilacs

BELOW: At the Flower House, Athlone, a new garden beside a narrow river is being planted. A railing of yew marks the hours of the day. Behind it and Father Time, are massed tall white flowers—lilies, hollyhocks and stock. In the foreground the planting is lower and consists of greenish white zinnias in beds. James Reynolds, who made these four sketches, designed the garden and also decorated the house





ABOVE: The Irish use a favorite device to frame a view or mark a boundary—they make arches of bamboo poles and on these train roses, clematis and other vines. These series of arches, when the flowers are blooming, look like waves of the sea, and if they are clothed with white roses, the moonlight effect is most lovely. This garden is in Clonmel along a winding river which lends its beauty to the scene

RIGHT: At Caledon are white and black tunnels, leading to the house, consisting of masses of clumpy yew, above which white fuchsias raise their flowers in riotous abundance. In other gardens, many of them cut by quiet, narrow rivers, the black and white effect is achieved by planting with the yew: white roses, mallows, lilacs, mockoranges, laurels, rhododendrons and white daffodils and lilies



Green-black yew and white flowers are massed for night effects



Contemporary Classic

FORMULA for a decorative exhibition: Take a round dozen foremost decorators; let each design a room incorporating all his or her pet ideas, color schemes, brands of style and period; let each design furniture and plan the room untrammelled by the usual limitations of architecture and client.

This is the formula Grosfeld House (New York furniture manufacturers) followed in their third annual show which opened recently. The results are fresh and exciting—in a way, prophetic. For here, work of the leaders of the profession may be seen which does not follow prevailing styles but which interprets those styles with an eye on the future.

In this exhibition, you notice a definite trend toward a contemporary interpretation of the classic styles, whether they are English, French or Italian in feeling. The furniture, designed by the decorators themselves, carries out the familiar motifs, stylized to suit the modernized background.

Joseph Mullen's living room on the opposite page takes its theme from the Regency and retains its feeling of elegance with simplified backgrounds and ornament. The walls are buff with white moldings, the pilasters and the unusual chimney face are glazed black; the doors are antique gold leaf. The impression of gold and black is carried out in the carpet, and in the dark rosewood of the breakfront cabinet and small tables. In contrast are chair seats in reseda green, the low bench before the fireplace and large sofa against the wall in ancient Chinese red.

The room done by Mrs. Truman Handy of Thedlow, Inc. (top right) shows modern influence upon Italian Baroque motifs. The walls are mauve gray with dusty gray bevelled-mirror trim and chimney breast. The furnishings and accessories range in color from light shell shades to deep terra cotta, and the room is dominated by a large white leather screen decorated in pale terra cotta and silver.

The bedroom (lower right) designed by Ralph Van Hoorebeke is definitely French in feeling. Its color scheme is built around the soft blue, peach and cream of a hand-blocked chintz behind the bed and indirectly lighted. The chest is classic in line and motif.



ABOVE: LIVING ROOM, THEDLOW, INC.

BELOW: BEDROOM BY RALPH VAN HOOREBEKE



EMELIE DANIELSON

Three rooms selected from the new Grosfeld House exhibit

Winter blankets for plants

Richardson Wright tells what plants to protect — and how

THE sun, which ordinarily is the friend of vegetation, can be its deadliest enemy in Winter. Its unpredictable rise in temperature arouses dormant plants to premature growth. Its heat thaws the soil around roots and subsequent freezing tears them from their anchorage. The sun, too, can scald evergreens and absorb essential dampness from around trees and newly set out shrubs. But heaving perennials is the sun's most serious offense.

Dampness will also prove fatal to some plants, causing their crowns to rot and weakening their fibre so that recovery, in Spring, is uncertain or very often impossible.

For these reasons Winter protection is given beds, borders, specimen trees and tender plants. The purpose of a protective mulch is to keep the soil frozen. Other protections ward off wind and sun and dampness. To the right is shown a method of protecting holly trees in the North from wind and sun-scald, by making a tepee of poles and burlap.



PLANTS with soft crowns, such as foxgloves, and with open stems, such as delphiniums, need to be protected in such a way as to drain water off them. In mulching a border, twigs or small fruit baskets should be placed over crown plants so that the mulch is held away from them. Straw or salt hay makes the best mulch.

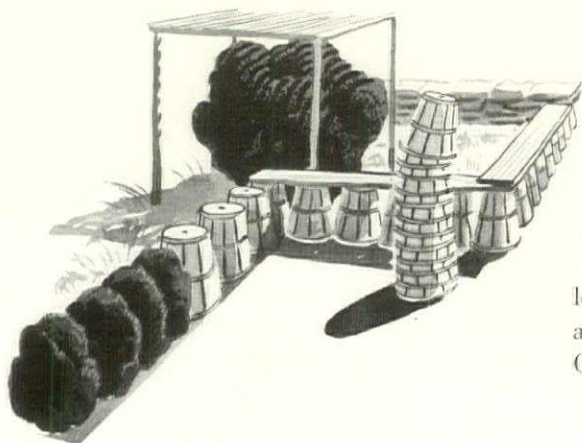
Around delphiniums, after the stalks are cut off, can be heaped sand or screened coal ashes which will afford drainage around the crowns and repel slugs that enjoy them in early Spring. This last operation is shown in the drawing at the left.

Manure should be used with discretion. Avoid covering peonies with it, using, instead, loose fibrous material or rough peat moss. Manure can be spread around lilacs, the roots of which are near the surface, but it should not touch the stems themselves.

VARIOUS lengths of chicken wire are useful in Winter protection. Young fruit trees, for instance, should be given a guard about 2 feet high to prevent rabbits girdling the bark, as shown at the right. If you prune your trees in early Winter, leave the lopped-off branches lying on the ground and the hungry rabbits can gnaw them at pleasure.

Wire is also used to make baskets around plants in which leaves are packed for a mulch. The ideal leaf for this purpose is from the oak; soft leaves mat down and cause rotting; their place is on the compost heap where they can disintegrate into leafmold.

Lengths of chicken wire are often used to keep leaf mulch in place. Lacking this, use pine boughs. Boughs and corn stalks can also be tied around semi-hardy vines, such as clematis, and their mulch is strawy manure or peat moss. All mulches can be most satisfactorily applied between the middle of November and the first of December.

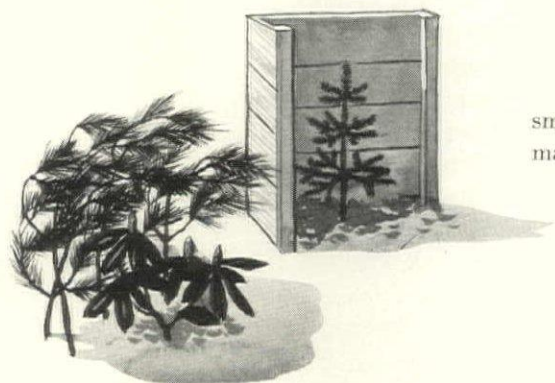
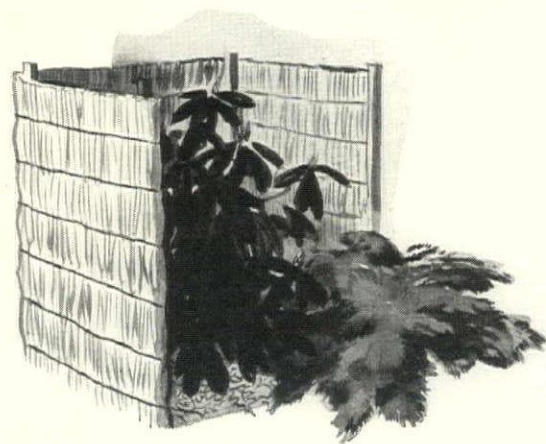


BOXWOOD often suffers from sun-scald. If the bushes are small, they can be protected with peach baskets, as shown at the left. Larger bushes are protected by slat houses, which are easily built.

In the rock garden one places collars of stone chips around woolly-leaved plants. When the ground has frozen—and this applies to all mulches—a blanket of oak leaves or salt hay is laid down and held in place with branches. Or use, instead, a mulch of glass wool which both insulates and ventilates.

NEWLY planted and young evergreens suffer from wind, sun-scald and absorption of moisture from the leaves and the soil. Water them thoroughly as long as the ground is open. After hard freezing, mulch to 12 or 14 inches with strawy manure or a heavy coating of oak leaves. Then build a shelter of straw mats or burlap on sticks, such as the one pictured at the right.

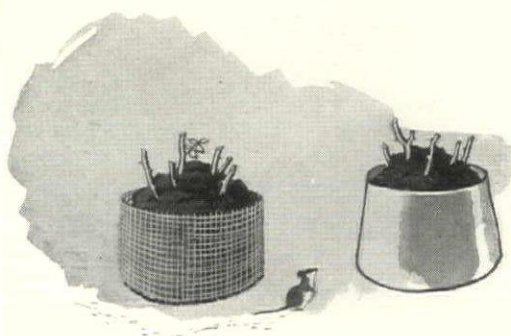
Retinispora plumosa and *R. p. aurea* burn readily if exposed to direct rays of the sun and severe Winter winds. Japanese fir and Veitch's silver fir will stand exposure. Other plants to protect with shelters made like those illustrated here are exposed rhododendrons and daphnes.



WINTER fences, such as that shown to the left, can be used to protect small evergreens. Shrubs shifted in the Fall should be given a heavy mulch of manure—to keep their roots from heaving—after the first hard frosts have begun.

Alert gardeners will also look into glass wool as a mulching medium. It can be used year after year, and is light and open. Glass wool has the added advantage of being transparent and giving light to plants.

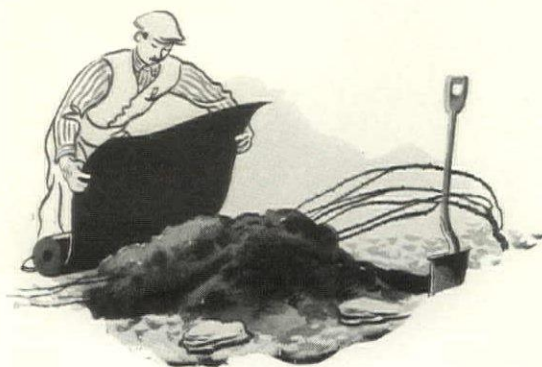
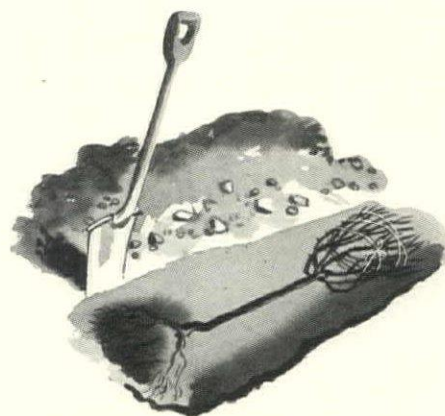
THE fruit garden must not be neglected in Winter protection. Heap manure around old rhubarb and along the lines of raspberries. The strawberry bed—hence its name—is given a coating of salt hay or rye straw. This is laid generously over the bed, as at the right, and boughs placed on it to keep it from blowing away. In Spring, roll off the straw, weed between plants and then roll back the straw and tuck it under the plants. The fruit ripens on the straw. Salt hay is the best to use because it does not sow weed seeds. Apply it about 4 to 6 inches in thickness.



NORTHERN gardeners are especially solicitous about their tea roses, hybrid teas and polyanthas. In open Winters, with successive thawings and freezings, the loss may be appalling. Consequently, care is taken to protect rose bushes. First trim them back to 9 inches. Then heap soil in a cone 9 inches high around each bush. Next, lay manure in the hollows to the height of the cones. Then pile leaves over all. Some surround each bush with a tin or wire basket (see left) in which earth is piled. These frustrate field mice. In Spring fold back the earth and dig the manure into the soil, thereby enriching the bed.

STANDARD roses, which are among the glories of gardens in more favored climates, offer a problem in protection. They can be lifted, potted in tubs and kept in frost-proof cellars over Winter. Or else they can be buried, as shown to the right. Sometimes it is possible to loosen the roots on one side and bend them over, after which soil can be heaped more easily on.

This method—loosening roots by removing soil and then pinning the plant down before mulching—is used by some northern gardeners for teas and hybrid teas. Plants that require no mulch and derive no benefit from it are established phloxes, peonies, Michaelmas daisies and such hardy types.



In extremely cold climates climbing roses have to be given particular protection by laying the vine on the ground and covering with soil and then tar paper, as shown at the left, to prevent water freezing around the canes. Climbers that are exposed to wind but cannot be taken down are often bound with cornstalks or bundles of straw. All vines—climbing roses included—should be well lashed into place before Winter. A mulch of manure can be put around the base after the ground freezes or before that if convenient. Some gardeners have found excelsior a good mulch, as it is both light and weedless.

In favor of Florida

*New inducements for your
Winter home or holiday*

APPROXIMATELY two and one-half million people go to Florida each year. Some stay for a brief two-weeks vacation; others for an entire Winter in homes they own. It is generally taken for granted that (whatever the cost) the sun, sport and society of this Southern State are the main attractions. But you may find, as I have, that the majority of those who choose Florida as a setting for their home or holiday do so because they feel that they are making a safe investment.

A typical selection of Florida homes, such as those shown on these pages, varies from Mr. Berman's compact modern house (opposite) to the more popular and more spacious Colonial homes with second-story verandahs. In every case full advantage is taken of the excellent climate to encourage outdoor living, and building sites near lagoons, inland lakes and citrus groves have been sold in large numbers in the last three years. In one community of about four thousand acres, for example, there has been an average building expenditure of ten million dollars a year over that period. For people are anxious to build homes where the standard of building guarantees only a small depreciation, where cellars may be dispensed with and heating costs may be minimized, where public utilities such as gas and electricity are reasonable, and where taxes are comparatively low.

It is probable that those who return to Florida year after year for their vacations find there some attractions which, though entirely personal, are nevertheless of interest. For this reason, I have questioned some friends.

For many years my neighbors in Florida seemed to be the kind "who mix'd reason with pleasure, and wisdom with mirth"; they had a good time. Modern comfort and excellent climate were taken for granted. Then, last Winter, I either began to know them very well or they had begun to ask a little more of their Winter vacation than entertainment. For while they still brought with them their hobbies and their work, they began to enjoy being alone when they wanted to—on the deserted beaches of the Coast, on the coral keys, and in the sheltered hammocks of the inland lakes. They wanted to be alone, they insisted, without being isolated from the rest of the world. And was not Florida an especially good place for privacy and for a laissez-faire attitude of living, they asked?

Frankly, I had never thought of the kind of privacy they meant. I was to learn that it was a seclusion which had all of the elements of rest and none of aloofness. To me, it was a new reason why so (*Continued on page 36*)



PENDLETON AVENUE HOUSE AT PALM BEACH



HENRY GIBSON RESIDENCE, MIAMI BEACH

GOTTSCHO



ENTRANCE TO THE PATIO OF W. A. WELLS, MIAMI BEACH



AT THE END OF WORTH AVENUE, PALM BEACH

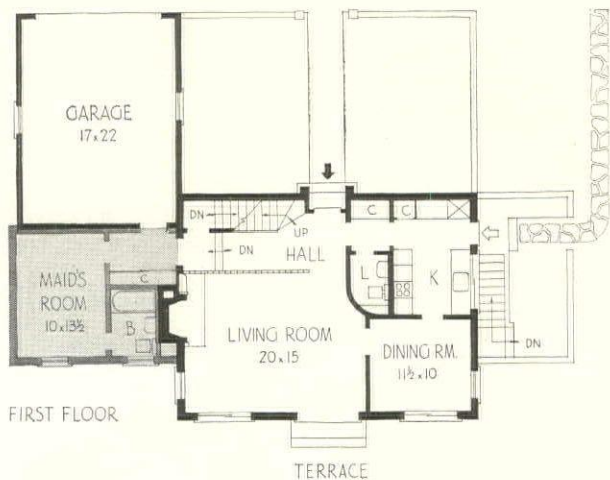


HOME OF DR. B. B. SORY, PALM BEACH



RESIDENCE OF H. BERMAN, MIAMI BEACH

GOTTSCHE



TYPICALLY HOUSE & GARDEN are the landscape plans for our House-for-Two which make the fullest use of the garden area. While the house is Georgian in feeling, it is modern in plan and in the design and placing of the windows. Of a new type, made by Kawneer, the windows are all aluminum, double-hung sash. The plans show, in shaded section, the wing which can be added in the future. The house contains 23,925 cubic feet; the future wing 6,110 cubic feet.

Our House for Two

A charming \$10,000 house designed for us by the winner in our Architectural Competition



A HOUSE-FOR-TWO is a special sort of house, or should be. It represents the pattern of living of a large group in the community—the young married couples. So we asked the winner of first prize in Class II of the last HOUSE & GARDEN architectural competition, Mr. F. C.

Stanton, of Bellingham, Wash., to design one. We left him free to build his plan and work out his style in relation to the problem. The only restrictions were those that had to do with the pattern of living itself.

For instance, we said, the house must be designed to fit on the average suburban lot of 75 by 100 feet; it should be planned so that it can grow with the family, and its exterior must be sufficiently conservative to be acceptable in any community. In other words, we were not concerned with exceptional young couples who need a house built around a studio, who want an ultra modern house or an unusual layout. We wanted a house which would be suitable for the typical young American couple with a typical design for living.

So our architect, with these specifications in mind, went to work. His house, to cost about \$10,000, depending on where it is built, has six rooms and attached garage, one bath and one lavatory. In general style and feeling it is Georgian, but in plan, placement on lot, and many of the details, it is modern. It is especially modern, of course, in its heating, kitchen and bathroom equipment.

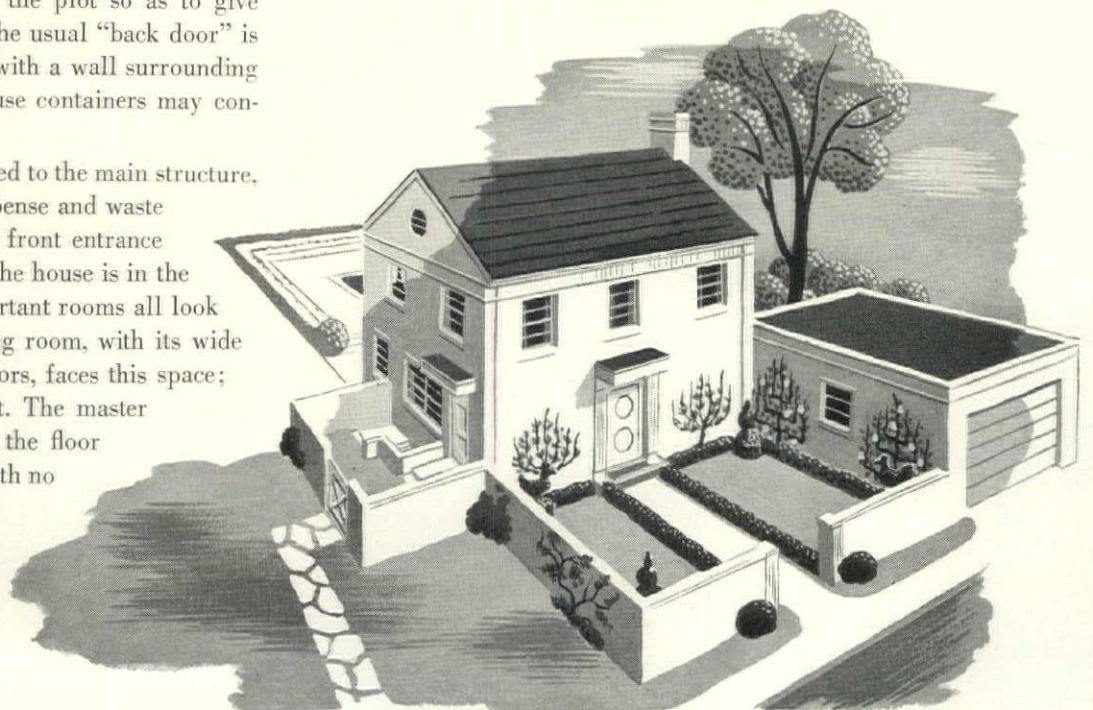
THE placement of the house on the hypothetical 75' by 100' lot is significant, as it has a definite bearing both on the exterior and interior design. You will notice that the house is set forward on the plot so as to give ample garden space in the rear. The usual "back door" is located at the side near the front with a wall surrounding a small "kitchen area" where refuse containers may conveniently be kept from view.

The garage, which is attached to the main structure, fronts on the street, saving the expense and waste space of driveways. Although the front entrance faces the street, the whole axis of the house is in the opposite direction. The most important rooms all look out on the back garden. The living room, with its wide windows and a pair of French doors, faces this space; the dining room also overlooks it. The master bedroom and the guest room on the floor above have also a garden view. With no downstairs windows facing on the street, the house has almost a European feeling of privacy.

THE planting and the planning of the garden therefore becomes of primary importance. It has been laid out in semi-formal eighteenth century fashion harmonizing with the style of the house, with ample space for bowling, badminton, croquet, or just sitting in the open in Summer. The tall shrubs are planted around the outer edge of the lot, leaving the center open for more formal arrangement—even for a small pool. Our hypothetical plot is blessed with a couple of good shade trees, but even if we had to set them out they could not have been placed more ideally. For they are located on opposite sides and the garden always receives shade from one or the other.

Although the rear garden is of major importance, the front yard is still the *Front Yard*, and in the good old American tradition puts its best foot foremost. In fact, the planting there is really necessary to the style and finished appearance of the house itself, for the windowless spaces on either side of the doorway, while they add greatly to privacy, are apt to look bare. The ideal thing to plant here is a pair of espalier fruit trees. They are decorative and produce a stylized pattern against the wall.

THERE are several features of the interior plan which are worthy of study, notably the glass brick partition between the hall and living room which lights an otherwise dark hall and makes it possible to place the stairway against the front wall of the house. The off-center fireplace in the living room is another unusual feature, and the aluminum double-hung windows with horizontal lights. The house is also planned, if you will notice, so that two more rooms and baths may be added in the space between the house and the garage without increasing the over-all dimensions. This addition is illustrated in the view of the house at the bottom of page 61.



Decoration



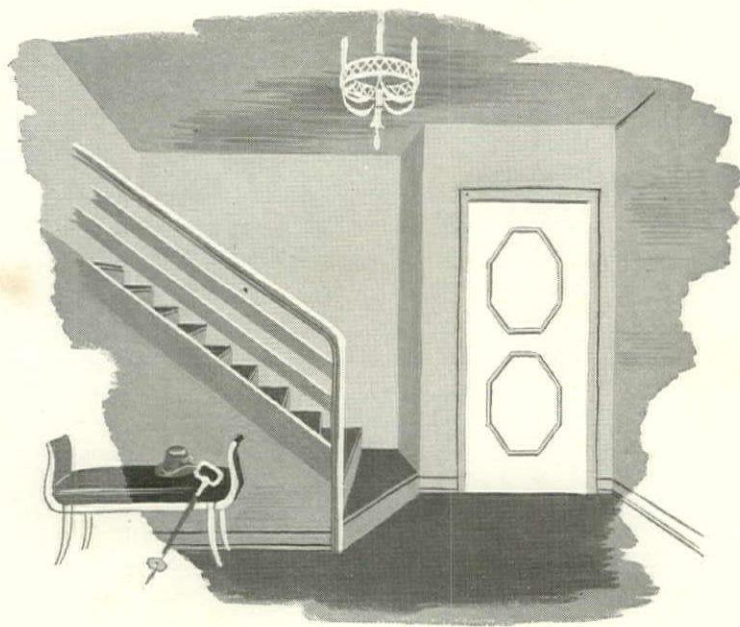
ON THIS and the following three pages is the complete story of the decoration of the House-for-Two. But since all houses which are well-planned have, from the very beginning, the close cooperation of the architect and the decorator—for no house is an accomplished fact before the interior has been consid-

ered—the plans and architectural details shown on the preceding pages have, of course, already indicated the decorative style of this house.

Such details as the metal stair rail, the aluminum Kawneer windows with their strong horizontal accents, the glass brick wall in the living room and the “open” plan of the first floor have all decreed that our house for this typical young American couple will be decorated with a distinctly modern flavor.

AND so when Mrs. Barclay Dodd, of the New York decorating firm of Mrs. Dodd, Inc., began the actual work of collecting materials and furniture for the interiors, she already had in mind the answers to the problems which had faced the architect, Mr. Stanton, and herself. She had a definite picture of the simplicity and good taste which would please those who were to occupy the House-for-Two.

Beginning with the main downstairs rooms, since the plan is fairly open, Mrs. Dodd planned the color

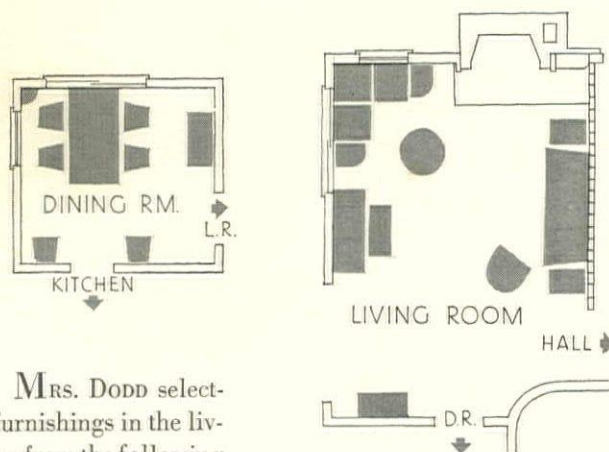


schemes of each room to harmonize and to flow from one to the other. The predominant color in the hallway is green, and green is used for accent in the living room. The dining room picks up the coral tones of the living room.

The living room is worked out in oyster gray, white, pale green, and coral ranging all the way from pale shell to flame. The furniture is grouped around two centers of interest. The first is the sofa in front of the glass brick

wall, with end tables and a lounge chair. The second group is the corner between the two windows. The windows have been draped as one unit balancing the off-center gunmetal mirror fireplace on the opposite side of the room. Sectional seats, in flame and white textured material, curve around a circular coffee table. Between the window and the garden doors (see plan below), a small rectangular mahogany piano has been placed. Most of the other furniture in the room, however, is light in finish.

THE dining room furniture is also of light woods—the modern table and chest are made of light natural oak. Venetian blinds in gray, having an attached valance top, reach to the floor and give height and formality to the room.

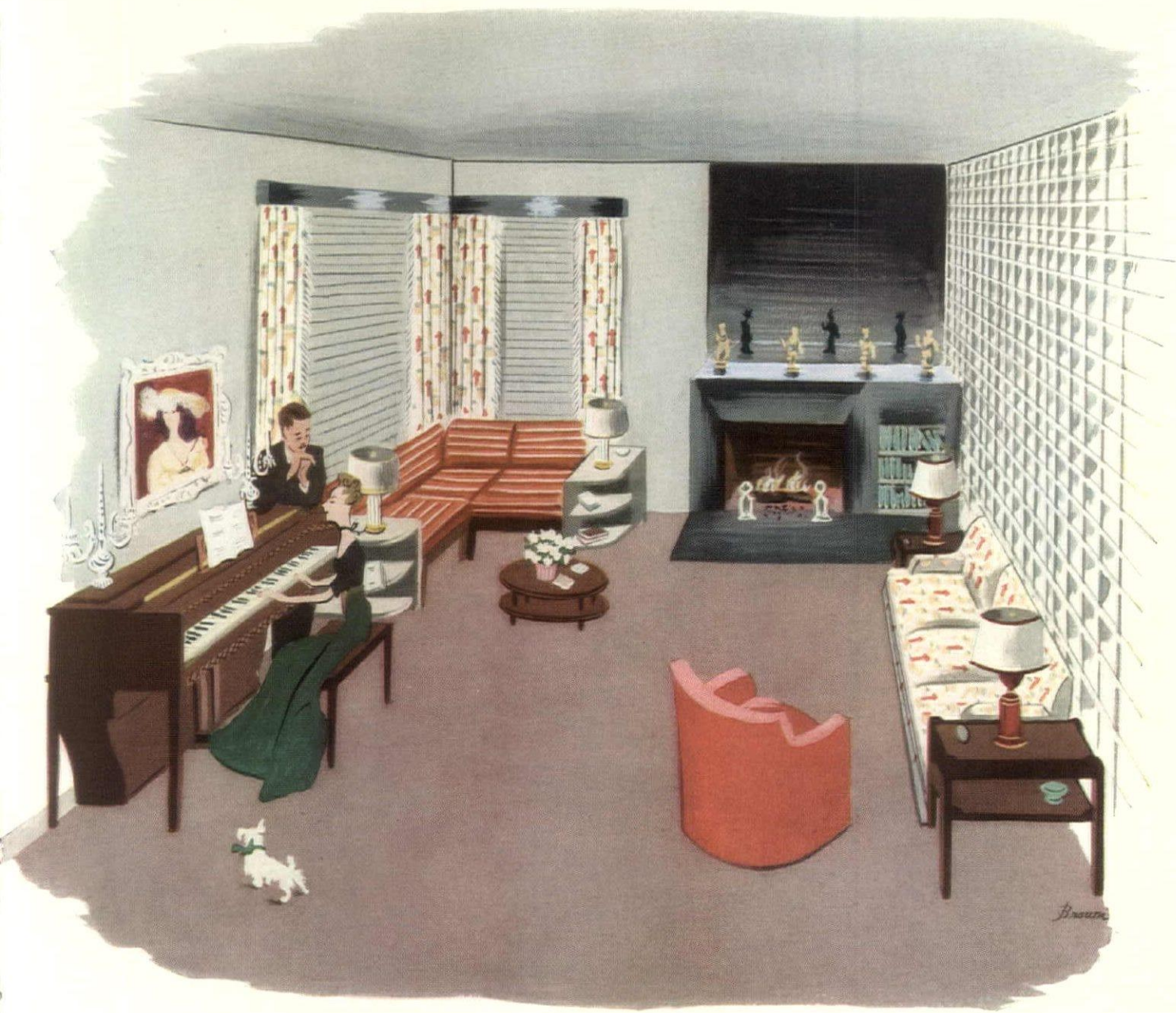


MRS. DODD selected the furnishings in the living room from the following firms: The sofa, curved arm

chair and round coffee table from Robert W. Irwin; sectional corner seat with matching end tables, from Jamestown Lounge; a pair of end tables (beside sofa) from Drexel Furniture Co., and Chippendale Musette piano from Winter and Co. All fabrics used in the room are from Schumacher except for the stripe on the corner seat, which is from Greeff; white loop fringe on the curtains is from Consolidated Trimming Co.; the rope fringe on the corner seat, Mansure. The carpet is Alexander Smith's caracul friezé. Lamps by window from Orrefors; other lamps and girandoles from Lightolier.

DINING room furnishings: The modern table and pair of chests come from Jamestown Lounge; the side chairs are from Statton Furniture Co. Draperies and leather upholstery for chairs, from Schumacher. The rug is the same shade of Alexander Smith's French gray twistweave as that in the living room; the French gray Venetian blinds both here and in the living room are custom-made Lido blinds from Carey-McFall Co.

The hall also is carpeted in Alexander Smith's gray caracul friezé, the same as is in the other downstairs rooms thus emphasizing the open character of the first floor. The details of the hall are modern, one wall is glass brick and the stair rail is of brushed metal giving a horizontal effect. The door is ornamented with an unusual octagonal panel. A graceful bench in light wood with curved sides—from Dunbar Furniture Co.—relieves the straight-line severity of the rest of the hall.

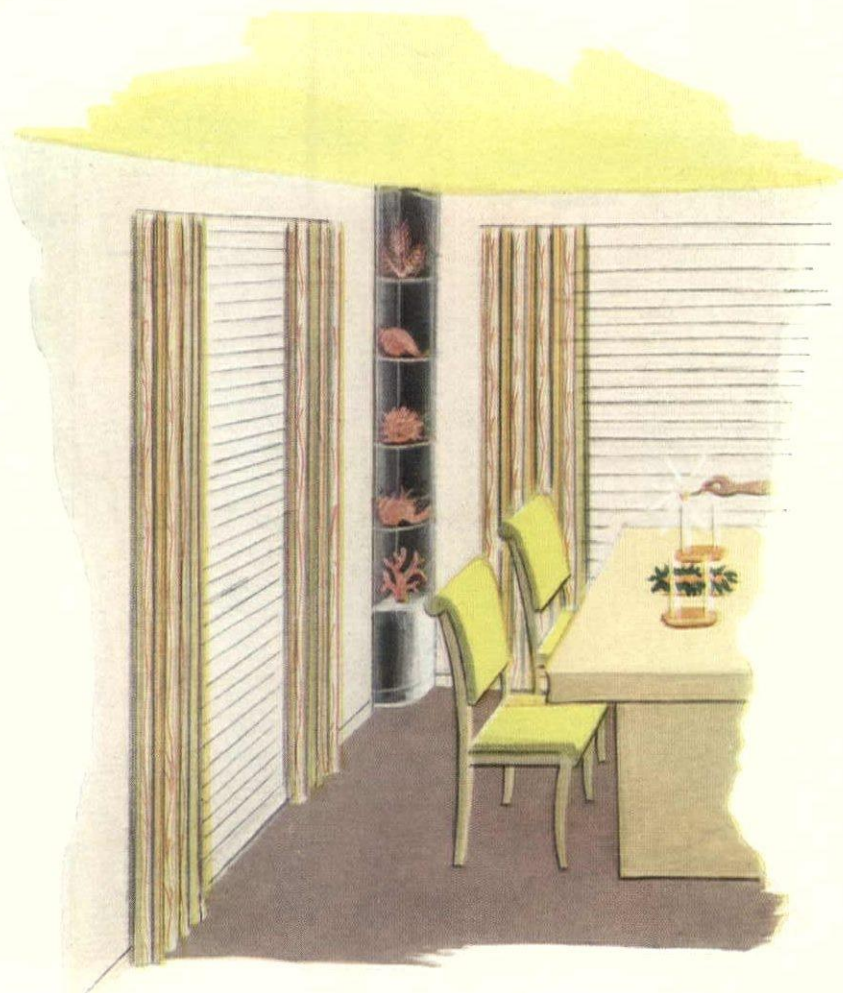


The Living Room

Because of the glass brick partition and corner windows, our living room lends itself naturally to somewhat modern treatment. Our decorator, Mrs. Dodd, has worked out the color scheme around the grays, shrimp pink, flame and green of a chintz in a modernized Chinese design. Gray prevails in the background, and gunmetal mirror covers the mantel and valances. The ceiling is shrimp pink, and flashes of flame in the upholstery stand out against the neutral walls. The piano is Chippendale in motif, modern in feeling

The Dining Room

The small dining room adjoining the living room repeats the latter's grays and corals. A new note is added as well in the pale yellow ceiling and gold leather upholstery of the chairs. The three colors are combined in the yellow, gray and coral striped draperies. The table is light natural oak, and in the corner, curved shelves, lighted indirectly, hold decorative branches of flame coral



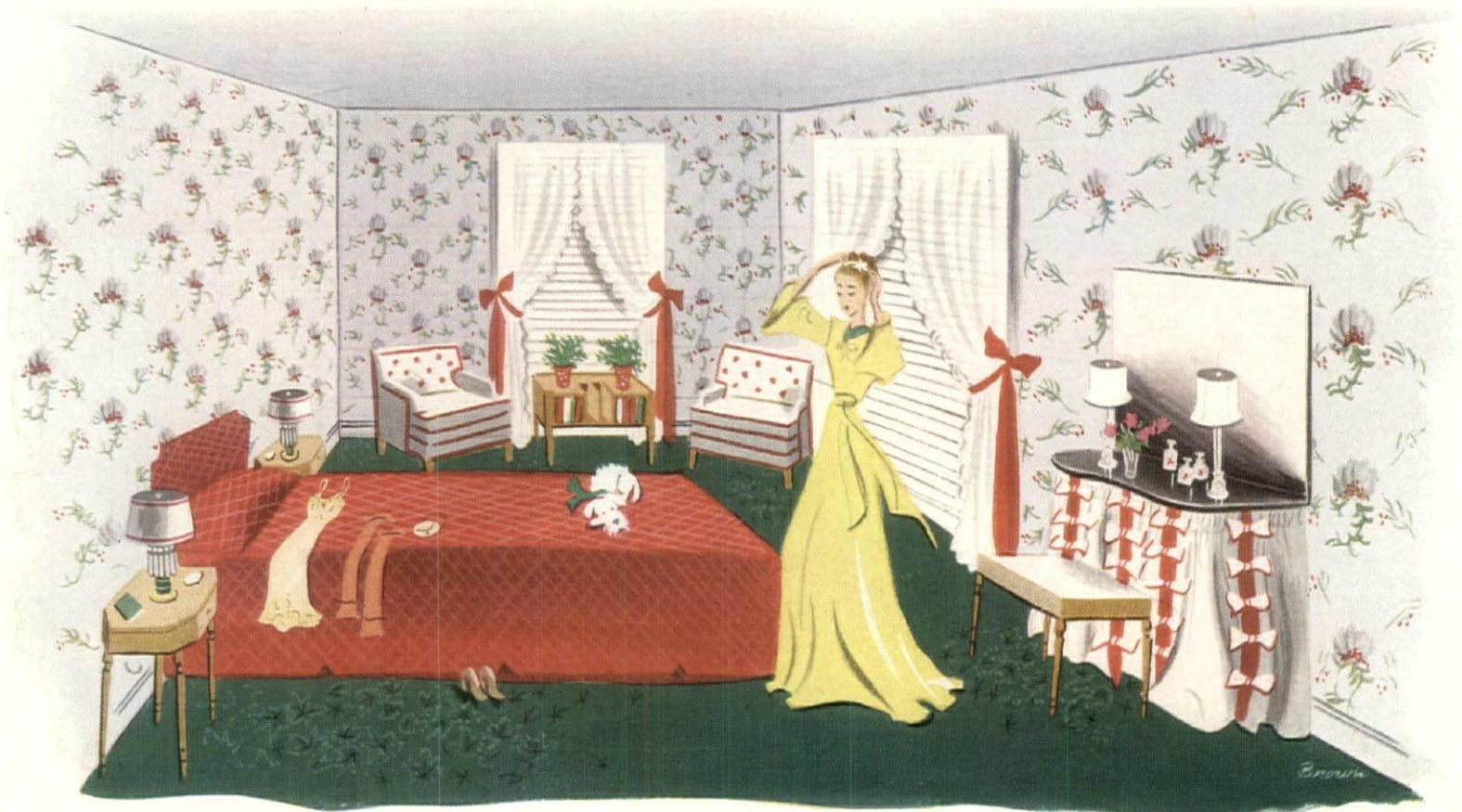


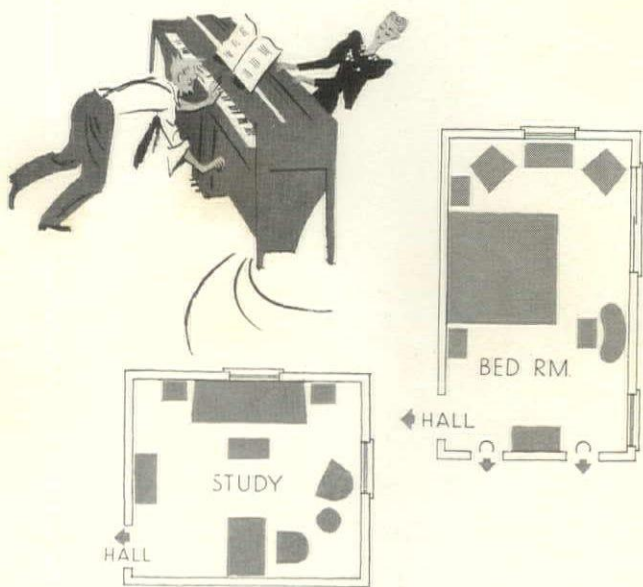
The Bedroom

BELOW: The master's bedroom is feminine without being froufrou, the color scheme is one of strong colors contrasting with white. The carpet is a clear green with an all-over foliage pattern, matching the trailing vine in the shell-and-berry motif of the wallpaper. The Federal red of the quilted taffeta bedspread cleverly repeats the deep berry shade

The Study

ABOVE: This upstairs study, converted from a bedroom, gives the man of the house a place which he may call his own. It also provides a comfortable upstairs sitting room. The room is done in deep, masculine tones of beige and green, and no one would suspect that the spacious sofa opens up into a bed when additional sleeping space is needed





UPSTAIRS, the house and decoration were planned to be less obviously modern and follow more traditional lines. The effect is young and gay, though, and particularly so in the master bedroom. Instead of tying the young couple down to a four- or five-piece "set" of bedroom furniture, Mrs. Dodd selected pieces having considerable flexibility. The bed she chose was one of those Siamese twins, joined together under a single wide headboard and bedspread. The twin beds, however, can be pushed apart at night. The head is slip-covered in quilted rose-red Celanese taffeta, to match the bedspread, and the same color is used on the dressing table skirt and as tiebacks for the crisp white Quaker net curtains. The color scheme is taken from the wallpaper with its bright red berries and brilliant green leaves against a white ground.

THE leaf-green carpet is a Hightstown twotone design, and the beds, with Simmons Beautyrest mattresses and box springs, are from Hale. The other furniture Mrs. Dodd selected is as follows: the dressing table bench, walnut bookstand table in front of the window, and the night tables are from Robert W. Irwin; the small upholstered button-back chairs are from Statton Furniture Co.; the highboy, in mahogany, which is not shown in the sketch on the opposite page, is from Drexel. The white net curtains, as we have said, are Quaker's; the bedspread and dressing table skirt are Celanese; the white satin stripe on the chairs and bench are from Schumacher. The wallpaper is Imperial's, and all lamps are from Lightolier.

Since there were three bedrooms on the second floor, it was decided to turn one of these into a study which the man of the house might appropriate at times. Here

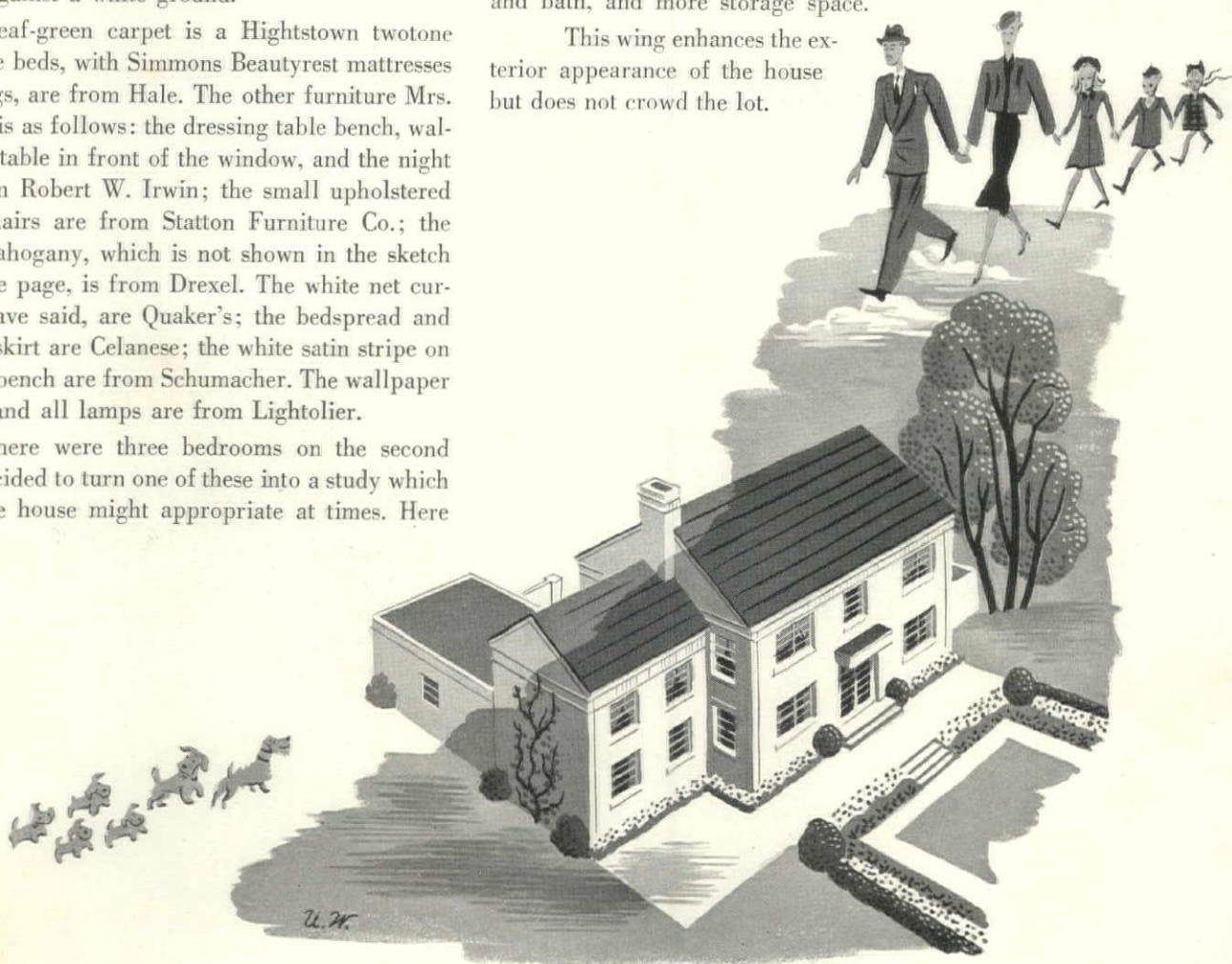
Mrs. Dodd placed a desk, as there was none on the first floor. She also put in a chest of drawers with a mirror, as well as one of those new comfortable-and-at-the-same-time-smart sofa beds. Thus in a pinch the room might be used as an extra sleeping room.

THE color scheme is masculine and restful though not overpoweringly so. The soft green wallpaper is from Thomas Strahan. Its beige and pale yellow touches are repeated in the ivory caracul twistweave carpet from Alexander Smith and in the gold draperies. All fabrics are from Schumacher; lamps from Lightolier. The furniture comes from the following houses: sofa bed, Simmons; kneehole desk (not shown in sketch) and chest of drawers, from Drexel; desk chair, coffee table, end tables, from Statton; barrel chair, Robert W. Irwin; two-tiered table, Tomlinson of High Point. Fringe on curtains is from Mansure; moss fringe on barrel chair, Consolidated Trimmings. Venetian blinds, Carey-McFall.

And so —

FROM the beginning we have looked ahead to the day when the House-for-Two will be a house for three, four, or even five. You turn that upstairs den into a nursery or take over the guest room for Junior, but eventually you will feel the need of the wing shown on the shaded portion of the plan. It adds a maid's room and bath with an entryway to the garage on the first floor, and on the second floor a guest room and bath, and more storage space.

This wing enhances the exterior appearance of the house but does not crowd the lot.



I LOVE COFFEE



Handsome copper bowl and ladle for Café Diable, after-dinner coffee and brandy mixed and served flaming. Hammacher-Schlemmer

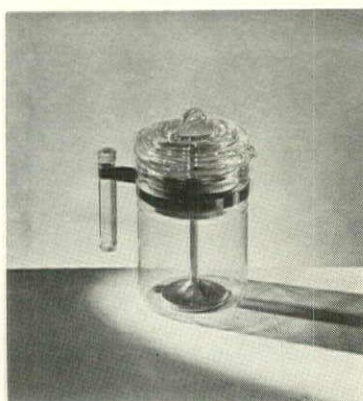
Large chromium coffee urn with walnut handles will percolate, serve and keep hot twenty cups of good coffee. Manning Bowman



This French drip coffee beggin in brown or blue vitrified china makes a perfect brew for the connoisseur. Hammacher-Schlemmer



This electric vacuum coffee maker, right, has an "Anyheat" control to brew and keep coffee just hot enough for hours. From Silex Co.



With a flame-proof glass percolator you can see when the coffee is strong enough. A handy size, it's easy to keep fresh and clean. Pyrex

To "use only the best coffee and plenty of it" is sound advice. Full-flavored blends for breakfast and after-dinner are shown at the right

Good coffee stimulates the mind and warms the heart

COFFEE and controversy seem always to have gone hand-in-hand. Shortly after the Arabs first discovered the pleasures of coffee-drinking, the pious Mohammedans began to object to its use, because the social, political and religious arguments it stimulated in the coffee houses frequently led to disturbances. Nevertheless the use of coffee spread, by way of the Venetian traders, to Europe and England where it was alternately praised for its beneficial properties and condemned for its supposedly harmful effects.

Public controversy in England ran high, with both sides printing lurid broadsides setting forth their claims for or against coffee until in 1675 Charles II issued a Royal Proclamation closing the Coffee Houses, but the feeling aroused was so intense the Proclamation was recalled just eleven days later. So the coffee houses remained and grew to be centers of controversy and good discussion. Fine points of art and weighty matters of state were settled at Slaughter's and Lloyd's of London over the coffee cups, and Daniel Webster claimed that the Green Dragon Coffee House in Boston was the (Continued on page 74)





Large brass samovar designed and executed in the grand tradition, with an electric heating element for convenience, from Silverstone

Fine India, China, Oolong and special blended teas to please the fastidious epicure in every mood. Bellows & Co., Macy, Charles & Co.

I LOVE TEA

Tea-drinking brings welcome relaxation to modern living

TEATIME for most Americans used to mean just one certain time of day, late in the afternoon, and tea itself was definitely a feminine dish to be served with charming small talk and gossip. Lately we have been learning the virtues of tea and finding them too versatile for any such limitations.

A good cup of tea is one of the better stimulants since it picks you up but does not let you down with a thud, sometime later. It has no food value as it contains only a moderate amount of caffeine which gives the mild tonic action, tannin for pungency and the volatile oils which produce the characteristic taste of tea. There are few penalties attached to taking your tea seriously for tests show that the average person can drink tea many times a day without ill effects. Diet-conscious tea drinkers will be glad to know that it produces a distinctly alkaline reaction.

So, teatime is any time when you want a pleasant stimulating drink—at breakfast, mid-morning, luncheon, late afternoon, midnight or maybe in between. Lin Yutang, who naturally includes "Tea and Friendship" in *The Importance of Living*, says that with the Chinese, the times for tea depend (Continued on page 75)



With this squatty brass kettle which heats electrically, fresh boiling water can be made conveniently at the tea table. Chase Brass & Copper



A fluted glass teapot warmer. A large vigil candle, burning inside the glass warms the pot which is set over a metal grid. Fostoria Glass



The detachable chromium jacket on the china pot above, has a heavy felt lining which serves to keep the tea hot. Hammacher-Schlemmer



Earthenware "tip-over" teapot has a special shelf inside for tea leaves. You tip it back in order to brew the tea. Hammacher-Schlemmer

From town dump— to Community Garden

THE DUMP IN 1934



*A successful example of beautification
that probably can be repeated elsewhere*

THREE years ago in the village of New City, the county seat of Rockland County, N. Y., there was a town dump. Like all such unsightly locations it was piled high with old automobile fenders, oil stoves and bed springs. Today on this site spreads a delightful and useful community garden. An energetic and far-sighted citizen directed the project, P.W.A. workers furnished the labor, new materials were scooped from the natural resources of the region, and because no money was available—none was spent.

The successful example in beautification is pictured on these pages. But because the problems encountered in New City are similar to those which may be found in other residential communities, they can be profitably enumerated.

The simplest matter—that of clearing the wreckage—was readily performed by P.W.A. workers to whom County Officials were glad to assign jobs that would involve a minimum of expense in addition to wages—jobs that would not compete with private enterprise.

The constructive part of the work presented the first difficulties. A garden, more specifically a community garden in the sense that it was to be of use to the entire community, was not easily designed for New City. For the residents of Rockland County are about as heterogeneous as could be found anywhere. There is a back log of native farmers with factory workers and laborers, and a superimposed strata of the intelligentsia. Obviously, to be of use to everyone, this garden would have to be unique. It would have to be in good taste and beautiful enough for the most discriminating citizen. And since there were no funds to pay for architectural, structural and decorative designs, the fact that the New City garden is adequate in these respects is credited to an indefatigable little lady, Mrs. Mary Mowbray-Clarke.

Mrs. Mowbray-Clarke is one of Rockland County's earliest settlers. She braved the difficulties of commuting before there were motor cars or hard-surfaced roads in order to come into Man-

hattan and fill her duties as proprietor of the Sunwise Turn Bookshop. Finally the bookshop was abandoned for a more active rôle of fighting passionately to preserve the native plants and natural beauty of Rockland County. As a result of this Mrs. Mowbray-Clarke has been made landscape consultant on roadside preservation and assists County Engineer Calvin S. Allison.

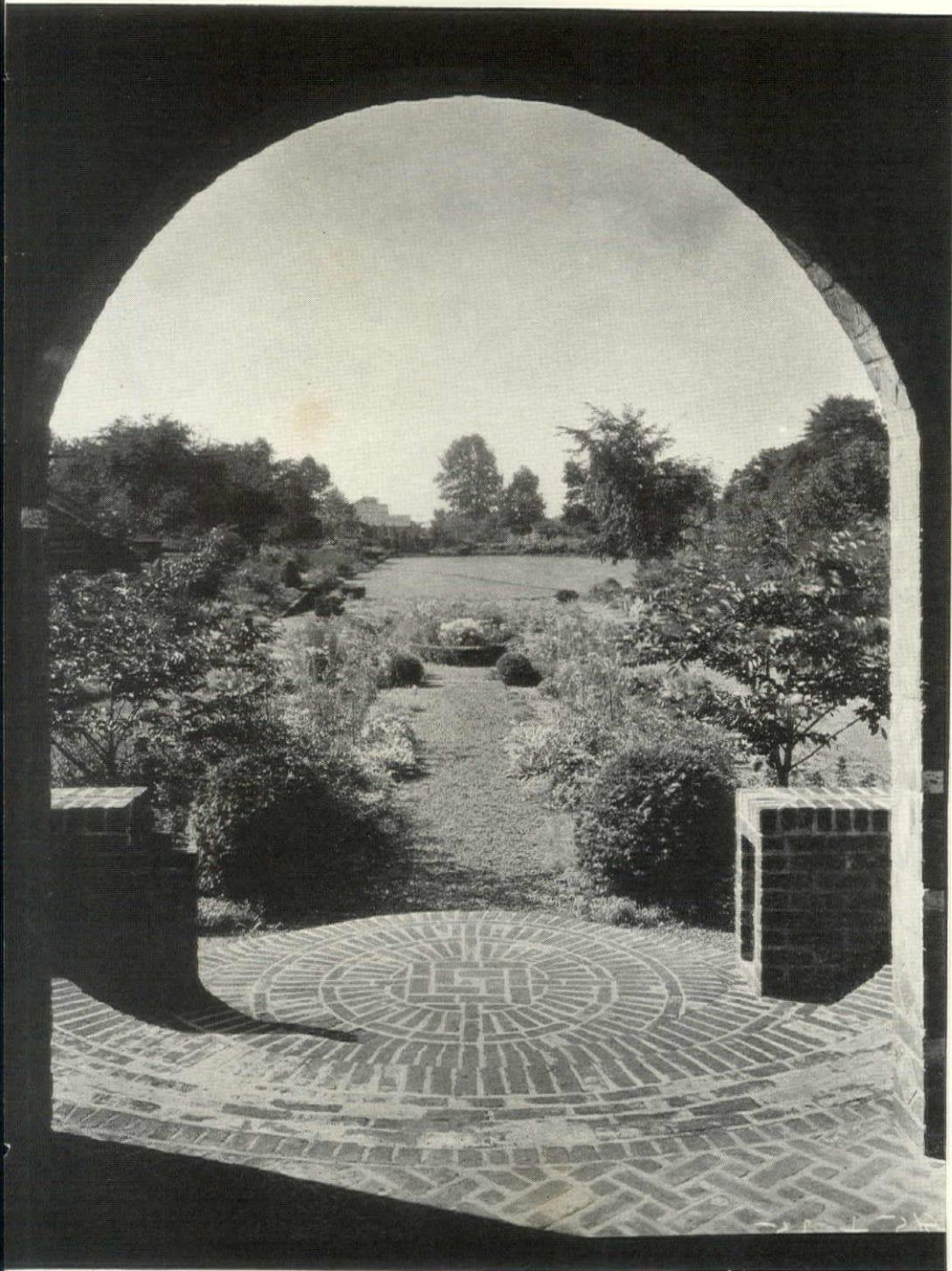
With energy and persistence Mrs. Mowbray-Clarke turned to designing New City's garden as soon as she had succeeded in smoothing the slopes of the town dump. Rockland County was settled by the Dutch. For generations its most widely-known industry was brick-making. Mrs. Mowbray-Clarke settled down to study the brick work in Dutch gardens. The 400 full-page illustrations in a booklet issued by the American Brick Manufacturers' Association was a source of help. So were the numerous trade publications that have popularized the manner of employing brick in Dutch garden construction.

Gradually the garden plans appeared on paper among them: a long wall done in a combination of alternating straight and serpentine patterns which gives an unusual light-and-shadow effect as a background for planting; a single brick lattice work, beautifully wrought; and a Dutch brick tea house of sturdy design.

Not expert brick masons, but inexperienced P.W.A. workers executed these plans under Mrs. (Continued on page 79)

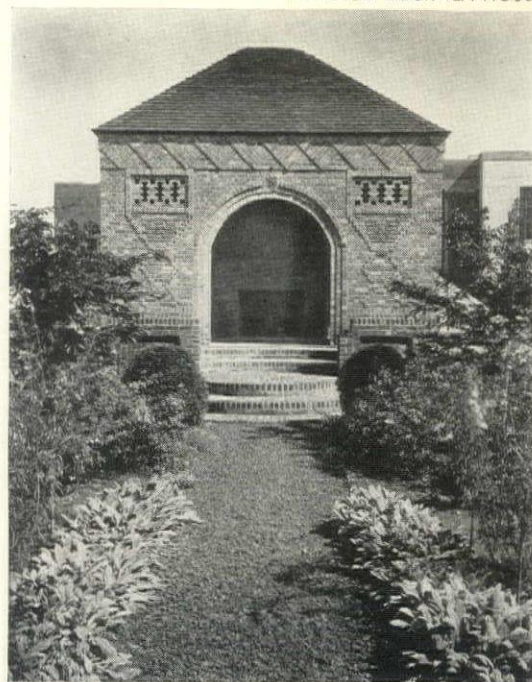


RUSTIC ARBOR AND OPEN WALL



VIEW FROM TEA HOUSE ARCH

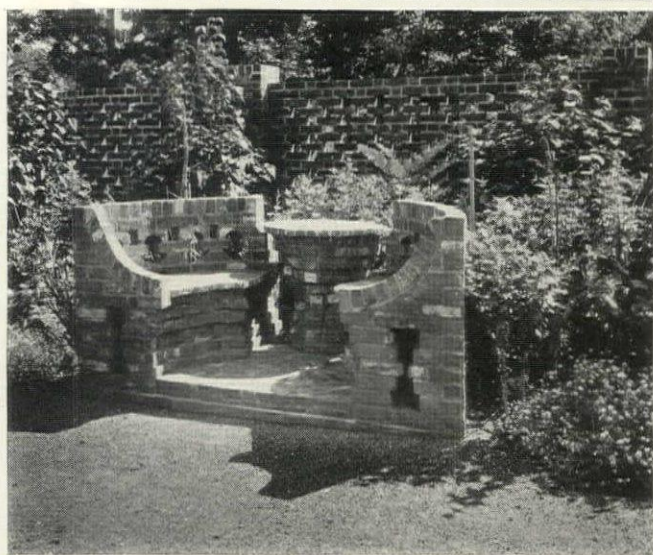
THE DUTCH BRICK TEA HOUSE



ONE OF THE PICNIC GROVES



OUTDOOR PICNIC STOVE



VARIETIES OF BRICK WORK

The Gardener's Calendar

*Though the hunter's moon hangs
high this month, the gardener still
finds work to do at home*



- 1** Late Fall is a better time to plant phlox than Spring. Use small divisions and enrich the ground thoroughly. . . . Collect, grade and bundle stakes.
- 2** If the ground is open early this month continue to set out peonies. Don't use manure in soil or for mulch. Cover with 3"-4" of loose material.
- 3** Tulips can go in as long as the ground is not frozen hard. Mulch only after ground freezes. . . . Keep rhododendrons and evergreens watered.
- 4** Geraniums of the bedding sort should be placed in the cellar now. Pat up and cut back. Water about once a week. Give the same treatment to fuchsias.
- 5** If you have not sown the vegetable garden to a cover crop, spade it deep and leave it rough, thus exposing grubs and pests to Winter extermination.
- 6** Fill window boxes now with small spruces and arbor vitae to give color in dark months. . . . Repot passion vine, trim back and keep cool till January.
- 7** Wrap trunks of newly-planted shade trees with strips of burlap puttee-fashion to prevent sun-scald. . . . After flowering cut back chrysanthemums.
- 8** As the lawn-mower won't be used any longer, clean and have sharpened and put away. Clean all tools not being used and rub with grease.
- 9** Burn cut-off foliage of delphiniums, lilies, peonies and twigs of roses to destroy lurking spores of disease. . . . Heap leaves for later mulching.
- 10** Order Amaryllis bulbs for the window garden, choosing large specimens. Put in the smallest container with bulb half above soil. Keep cool, shaded.
- 11** You can heap manure around old rhubarb plants now. Dig a few clumps with soil, allow to freeze outdoors and then box up for cellar forcing.
- 12** November is the month to plant roses. Have soil prepared. Plant roots firmly. Cut back and heap soil to top of stems. Mulch after freezing.
- 13** Make cuttings of forsythia, mock oranges and other shrubs. Bury in damp sand in cellar or cold frame. They will root readily in the Spring.
- 14** Today, plant paper-white narcissi in pebbles or prepared fibre. They will bloom for Christmas. . . . Store garden furniture, plan pieces to be repainted.
- 15** Start heaping up soil around roses, especially hybrid teas and polyanthus. You can also, at this time, give the rose beds a coating of bone meal.
- 16** As Winter protection is described on pages 52 and 53, it will not be discussed here. . . . Have you sent those promised seed packets to friends?

- 17** Save one cold frame for early planting next Spring. . . . Weed strawberry beds and flower borders of last minute weeds. . . . Bring potting soil indoors.
- 18** Give Saintpaulia, a little gem for window gardens, a shady corner. Keep roots damp. Remove flowers as they fade. Plants live a year.
- 19** For a list of ivies to grow indoors this Winter see pages 34 and 35. Try other foliage plants—araucaria, coleus, dieffenbachias and dracaenas.
- 20** November is a good month for dividing and transplanting garden ferns. . . . Cut suckers from bases of fruit trees and lilacs. . . . Buy bird feeding stations.
- 21** Little forcing frames over Christmas roses protect their flowers now blooming. . . . Work on compost heap, layering green stuff and manure.
- 22** Cactus soil should contain 25% sand. A light fibrous soil for ferns and begonias needs 50% peat moss. For acid soil, add 25% acid peat moss.
- 23** Any rainy day now, give the potting shed a general clean-up. Wash pots. Check over supplies for Winter use. Have you a good thermometer?
- 24** By this time foxgloves, Canterbury bells, pansies, English daisies, forget-me-nots and the tender "hardy" chrysanthemums are in cold frames.
- 25** Philodendrons enjoy being pot-bound. If the vines grow too long, you can train them along shelves. By the way—cut off a section and root.
- 26** Drain water from lily pools and board them over. Indoors start working on a terrarium or build a Wardian case for house propagation.
- 27** Begin feeding shrubs by punching holes with a crowbar around perimeter of the branches and filling with bone meal. Place manure around lilacs.
- 28** Those who own a greenhouse, even the smallest, are the envy of those who do not. Call on greenhouse friends—and don't resist the temptation.
- 29** Certain vegetables are sweeter for being frost bitten, especially parsnips and turnips. Keep them in the ground. Cabbages should be housed now.
- 30** Some months will pass before the new catalogs appear. Read some new garden books, the history of gardening or the travels of plant explorers.

A good winter diversion for gardeners is to search for seeds of unusual plants. This often involves getting catalogs from abroad or corresponding with plant lovers in foreign lands. Be sure, though, that you recognize the plants by their names. There's no use just raising a lot of botanical weeds.



Colonial dames concocted a hearty, tasty soup, still a favorite in Philadelphia



**YOU'RE LUNCHING IN
OLD PHILADELPHIA
...when You Taste this Soup at Home!**

LOOK FOR THE
RED-AND-
WHITE LABEL



Campbell's
PEPPER POT

YOU'LL think of Ben Franklin and William Penn, in the days of the coach-and-four; of powdered perukes and billowing skirts, and lunch at Ye Blue Bell Inn. In fancy, you'll hear the vendors cry: "Pepper Pot, smoking hot". For then, as now, Pepper Pot was a Philadelphia institution. Swank clubs and hotels, rooted in the Philadelphia tradition, serve Pepper Pot on special days, by popular demand. Campbell's make it the good, old-fashioned way from an original colonial recipe: A thick, rich soup of the traditional meat and vegetables . . . studded with macaroni dumplings, diced potatoes, and sweet pimientos . . . with fragrant herbs to give it that racy flavor that sets Campbell's Pepper Pot apart from all other soups. Wouldn't you like to try this famous soup of old Philadelphia tomorrow? Just ask your grocer for it.

BLACK-

AND RIGHT!



Black walls—blued-off like a raven's wing—with Sloane-designed bleached oak furniture for the House of Years' dining room. Table: \$250. Chairs: \$80 each, in muslin including labor to cover, Zebra-striped linen: \$3.75 a yd.

● Black walls are not unprecedented. But the way Sloane does them is! With discretion, imagination, cogent touches of orchid-green and white, Sloane makes of them a dining room in their current House of Years that stops you—then starts you planning one of your own.

● Sloane decoration is like that. Fresh, prescient—but mindful that you are going to live with it, not merely look at it. Sloane decorators will work out any idea, yours or theirs. They'll design and make furniture, rugs, draperies. Seek out antiques. Then put them together with the sure hand of experience and good taste.

W & J
Sloane

FIFTH AVENUE AT 47TH • NEW YORK

WINES AND FOODS

*Notes on a wine cellar and what to eat and drink—
a department written by the Editor—who is also
President of the New York Wine and Food Society*

MENU PUZZLES. Marvelous are the ways of translators of menus. They do just as the dictionary bids them, word for word. The North German Lloyd's elaborate and beautiful menu cards are perhaps the tops of transatlantic gastronomic announcements, but they add also to the merriment of passengers. We accepted with only a faint smile "Ice Coupé Baby", but when "Illustrated Cucumbers" appeared, we choked over our next six sips of Johannisberger.

WINE AND CHEESE. Cheese is careful of the company it keeps. Indeed some gourmets grimly hold that cheese and crackers should be eaten alone, without liquid accompaniment. They concede, however, that radishes go well with Gorgonzola, celery with Stilton, onions with Cheddar and pears with any Italian hard cheese such as Cavallo. The liberals of the gastronomic set widen the circle to include the following: with Stilton, beer or Burgundy; with Gruyère, Claret; with Port du Salut, Burgundy; with Cheshire, Port or Sherry; with Roquefort, Port; with Pont l'Évêque, Sauternes.

TEAS. The number of virtues attributed to tea would fill several volumes. Naturally, they fall into four classifications: the delight of the eye, the delight of the nostrils, the delight of the palate and the delight of the nerves. In this order should tea be enjoyed: its color, its fragrance, its taste and its stimulation. There are subtle differences in color between the various teas when brewed properly. Those who know not the smoky aroma of Lapsang-Souchong or the delicate perfumes of Jasmine Flower or Rose or Chloranthus have still awaiting a pleasure for their nostrils. China, Mother of Teas, claims medical properties for some of her teas. Bitter Orange tea is said to cure constipation and troubles in the gastrointestinal tract. Jasmine and Chekiang facilitate digestion. Yellow Mountain cures nervousness and Lemon tea is an antidote for drunkenness!

BRANDY ON THE SHELF. An old custom, as good today as it was in the days of our grandparents, is to keep a bottle of first rate brandy on the medicine shelf. About this medicinal brandy, a whole code of honor developed. It was held sacred. It was never to be used for casual tipping, never to be brought forth and paraded. Its purposes were essentially respectable. In case of emergency, in case of chills or accident, then it appeared as an angel of mercy. Woe betide any loose liver who would sink so low as even to draw the cork of that bottle for ordinary drinking purposes.

THE CARDAMON. And while we are on old-fashioned customs, did your grandmother have her handy box of cardamon seeds? Cardamon (or cardamom) is the fruit of *Elettaria carda-*

mom matom which is extensively cultivated in Ceylon and India. It comes to the market in three forms: the bleached fruit, which is a pearly white capsule containing ten to twelve seeds; green cardamons, which are harvested before ripening; and cardamon seeds, which develop within the pods of the two varieties mentioned.

The flavor of cardamon is faintly like that of Cologne—definite, clean and slightly warm. It is widely used in Scandinavia for pastry flavoring. The best capsules of cardamon are bleached and served at bars as a breath sweetener. Tincture of cardamon is found in the manufacture of pharmaceuticals. For this the green cardamons, roughly ground, are used.

We find this aromatic seed in bologna, headcheese, liverwurst and in many sausage products. The bleached capsules are popular in pickles for their flavor and the decorative touch they add. From a medical standpoint cardamon aids digestion.

A cardamon capsule, broken and dropped in after-dinner coffee, is a gustatory refinement highly prized by the Arabs who are the world's greatest experts on good coffee. For American palates one or two of the little black seeds in the capsule may be more pleasing in coffee. The seeds sprinkled on a breakfast melon make a delicious combination. To a fruit or a mixed, spicy vegetable salad, they impart a mysterious and wonderful flavor.

VERMOUTH USES. For a simple apéritif use Italian or French Vermouth, according to preference, with a twist of lemon peel. Serve very cold.

Vermouth Cassis consists of two-thirds Vermouth, one-third Crème de Cassis, plenty of ice and seltzer or a good charged water.

Vermouth and seltzer—one-third Vermouth to two-thirds seltzer, with ice, is a palatable and innocuous beginning. Or half Italian and half French served very cold without ice.

And, since garden ladies are going in so strong for herb dishes and drinks, we might suggest that the Vermouths are one of the easiest ways to take their herbs.

BREATHING WINES. Never judge a wine by the first sip. Let it "breathe", let it have contact with the air and its full flavor will emerge. This applies to both American and foreign wines, in fact, breathing definitely improves American Clarets and Burgundies and in the case of wines that are chilled, it seems almost essential.

WHICH ARE YOU? In London, when a hostess isn't certain of the tastes of her guests, she calls up the men and makes no bones about asking, "Are you a red or a white wine man?"

RICHARDSON WRIGHT

Greenbriar

GORHAM STERLING



A new design in sterling introducing a romantic note and a refreshing charm to contemporary silver.

The recurrent rhythm of the delicate flowers and sweeping lines form a graceful border for the tapering center panel which but awaits your monogram to personalize this lovely design in silver as your own.

GORHAM

AMERICA'S LEADING SILVERSMITHS
SINCE 1831

Announcing

SIMMONS STUDIO COUCHES

IN EXQUISITE PERIOD DESIGNS
WITH CONCEALED *Hide-Away Beds*

AMAZING THINGS have happened to this famous friend in need . . . the studio couch. Once, habitué of den and spare room, it now takes its place among the best in truly fine living-room furniture.

For Simmons, through the careful blending of acknowledged usefulness and authentic styling, has literally put the studio couch "on its feet" . . . sturdy feet, in the tradition of fine cabinetmakers. Thus, Simmons has brought *period design* to the studio couch.

In tune with the times, these attractive Period-Built Couches meet the growing need for smart, double-purpose furniture—superbly styled couches by day—comfortable double or twin beds at night.

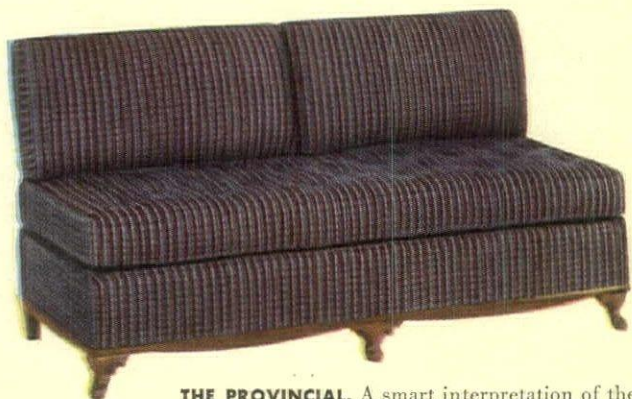
No longer need the trend towards smaller houses, more compact apartments, fewer guest rooms prove a handicap to hospitality—or a

subject for apology. So deftly has the Hide-Away Bed been concealed within the charming exteriors of these couches that it will defy detection by your most inquisitive guest. Yet, the new Hide-Away Action* . . . released by merely tilting the center leg . . . is so simple that, in a jiffy, a perfectly appointed living room becomes a thoroughly comfortable bedroom.

☆ ☆ ☆

Simmons Period-Built Couches are available in a wide selection of new fabrics and colors designed to satisfy the most discerning decorative tastes. Priced as low as \$49.95, complete, depending on fabric selected. They may now be seen in department and furniture stores, everywhere. Simmons Company, Merchandise Mart, Chicago, Illinois.

*Patent applied for.
Prices slightly higher
West of the Rockies.



THE PROVINCIAL. A smart interpretation of the French Provincial Period, custom tailored in a wide selection of fabrics. Mounted on handsome carved feet with matching wood molding. Concealed Hide-Away Bed with innerspring mattress. Makes up as either double or twin beds. \$51.95, complete.



THE LAWSON. Period-Built Couch in the conventional manner. Attractive harmonizing legs and wide selection of fabrics. Concealed Hide-Away Bed. Simmons Innerspring Mattress. Easily converted into double or twin beds. \$59.95.



SWEDISH MODERN. The latest vogue in smart decoration finds expression in this Period-Built Couch. Attractive legs and molding in natural wood. Colorful fabrics in contrasting harmonies. Either a double or twin bed at night. Complete with Hide-Away Bed and innerspring mattress, \$52.95.

SIMMONS

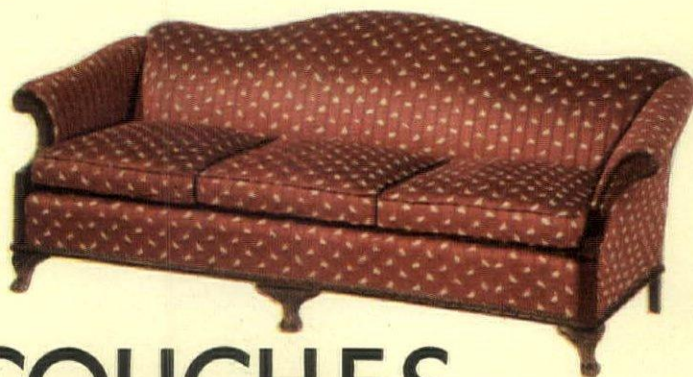


(Above) **DURING THE DAY** this delightful *Georgian Couch*, with its exquisitely fashioned Queen Anne legs, plays an important part in the decorative scheme of this room. Beautifully tailored and available in a variety of luxuriant fabrics, it carefully conceals its double features, \$49.95.

(Left) **AT NIGHT**, this fine piece of living-room furniture is quickly and easily transformed by the concealed Hide-Away Action into either double or twin beds. Complete with comfortable Simmons Innerspring Mattress.



THE GEORGIAN Sofa Bed (right) with beautiful Chippendale legs. Makes up as a double or two single beds. Unusually comfortable innerspring mattress, box-type seat and cushions. Custom tailored in a wide selection of beautiful new fabrics. \$79.50 up.



Period-Built COUCHES

Presenting

THREE NEW AMBASSADORS EXTRAORDINARY TO SOUTH AMERICA!

Fortnightly sailings from New York to Brazil, Uruguay and Argentina—every other Saturday.



Here in fresh new splendor are the BRAZIL, URUGUAY and ARGENTINA—three luxuriously modern express liners—now blazing a new trade and vacation trail to our neighbor republics beyond the equator.

Just to name the ports of call is to unfold a fascinating new world of travel. Rio de Janeiro, with the most beautiful harbor on all the seven seas—Santos, premier coffee port of the world—Montevideo and its magnificent beaches—Buenos Aires, gay capital of the thriving Argentine—all beckon you southward to lands which few North Americans have ever seen.

Stop at any you wish, but Buenos Aires, farthest south of all, is only 18 days away. Or a round trip offers you six glorious weeks of relaxation and comfort at sea, a stop at historic Trinidad on the return voyage.

The ships are America's largest turbo-electric liners, completely reconditioned, refurbished and equipped with every modern safety feature. They have acres of sun and sport decks, a veranda cafe, open-air swimming pools, spacious public rooms, a library that literally invites you to catch up on your reading afloat.

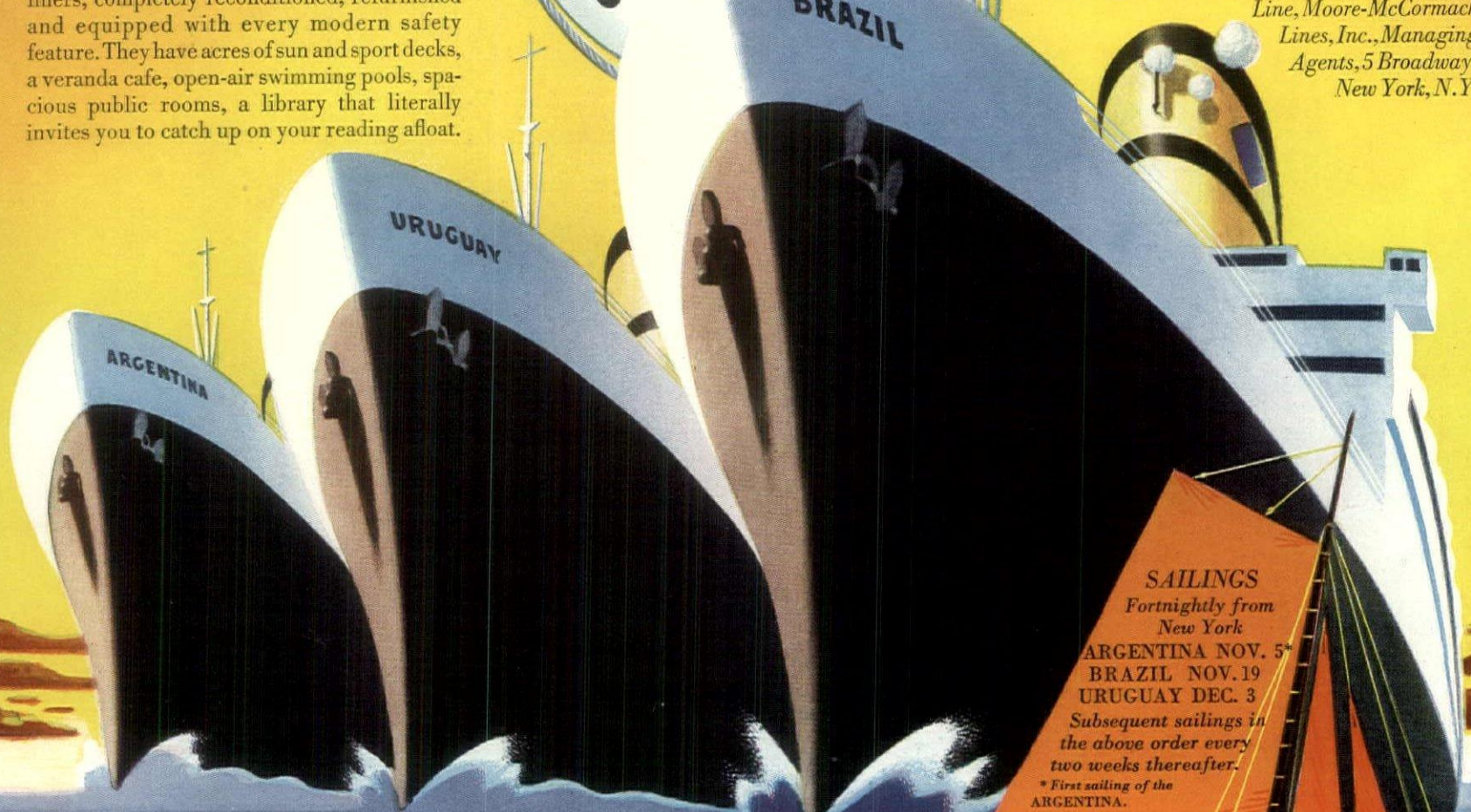
Every stateroom is more luxurious in its accommodations and appointments than your travel budget might usually permit. Most first-class rooms have private baths and many may be had en suite; all rooms have full-size beds, hot and cold running water, electric fans. The dining rooms are completely air-conditioned.

Thus, at your disposal, are all the facilities for both rest and play—which ever you want, whenever you want it. And ever at your service are a courteous staff and crew—at table, a cuisine that makes each meal a treat to anticipate.

Whether you travel for business or pleasure, a visit to South America aboard these modern liners holds forth new opportunities to you. Thousands recently discovered the allure of South American cruises. And with populations of 60,000,000, Brazil, Uruguay and Argentina offer matchless possibilities for the development of American business.

Before you make your winter plans, look into the many attractions The Good Neighbor Fleet has to offer for little if any more than stay-at-home cost—a six weeks cruise, at rates as low as \$550.

For complete information apply to your own travel agent or write to American Republics Line, Moore-McCormack Lines, Inc., Managing Agents, 5 Broadway, New York, N.Y.



SAILINGS
Fortnightly from
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ARGENTINA NOV. 5*
BRAZIL NOV. 19
URUGUAY DEC. 3
Subsequent sailings in
the above order every
two weeks thereafter.
* First sailing of the
ARGENTINA.

See the Americas First

VIA AMERICAN REPUBLICS LINE TO BRAZIL · URUGUAY · ARGENTINA

PLANTING THE STONE CURB

A STONE curbing along a paved walk, especially if the walk can be of good width, say, four or five feet, is always an effective garden feature. If the stones can be of slightly varying colors and textures so much the better.

Often it is possible to find stones patched with interesting mosses and lichens. Care should be taken not to disturb these growths; they add greatly to the charm of the finished curb. One should remember, too, that stone surfaces freshly uncovered from the soil require a very long time to lose this newly-dug look. Consequently only stones already weathered should be used. In placing the individual stones one should remember that the deeper they can extend into the ground the more likely they are to remain in place. It is often better to set them so they slant slightly away from the walk. This tends to prevent their being thrown out by the action of frost. The actual building of a curb of this sort is a comparatively simple matter. Finding the proper stones is the hardest part of the undertaking.

AS A PLANTING SITE

Once in place, the stone curb provides a fascinating planting site. It needs draping and festooning, not too lavishly, however. There is no point in covering the entire surface. It is a sort of intermediate form between dry wall and rock garden, and can be quite as interesting as either. There is, however, this difference—the curb is an adjunct rather than a main feature, and should not be exploited to the point where it detracts appreciably from the flower planting that is to stand above and behind it. The most effective method of keeping the curb planting subdued is the avoidance of over-bright colors. One might say that colors should be used in amounts varying inversely with their brilliance—which, by the way, may very well be the best rule for any type of planting. Here, at any rate, it is good practice. The soft, so-called pastel shades seem most appropriate. If these are used, little heed need be given to what the

plants in the bed behind them may be.

Over-regularity and its accompanying stiffness should be avoided. The plants used should, of course, be mainly low and spreading, with an occasional subject of low but more upright growth for contrast. Informality and as nearly a natural effect as possible should be aimed at. So one selects plants with different habits as well as colors: compact tufted specimens, loosely spreading sorts, and dainty trailing species. Occasionally fairly large masses of a single plant are employed to "tie" the curb planting to that of the bed. They should flower at different times, and, when out of flower, serve as foils for others yet in bloom. Many species and varieties of flowering plants are available, which perfectly suit this special purpose. Any rock gardener will know the things with which to grace a stone curb.

USEFUL SPRING FLOWERS

Here, however, I wish to mention briefly some of the sorts I have found especially useful. For very early flowering there is *Arabis*, and it is to be had in several varieties. Every gardener knows the more common single white form. But a single pink *Arabis* as well as a double-flowered white are also available. *Arabis* blooms with the early tulips.

For May flowering there is nothing more useful than the creeping phloxes, *P. subulata* in the catalogues. Its colors are several tints of pink and soft blue, bright rosy red and pure white. The lemon-flowered hardy *Alyssum argenteum* flowers along with these early dwarf phloxes. To furnish deeper blues there are a dozen types of forget-me-nots, more or less distinct in height and habit of growth. Of these some form compact little plants, others grow taller and stand upright, and still others are low and spreading.

With the one exception of *Myosotis palustris*, the water forget-me-not, all are annuals and should be removed after flowering, later flowering annuals being set in their places. That

(Continued on page 84)



Dwarf *Phlox subulata* in white, blue, pink or red according to variety is a good plant to spill its foliage and flowers over the edge of a stone-curbed garden path through the Spring weeks



FIRESIDE FIXIN'S

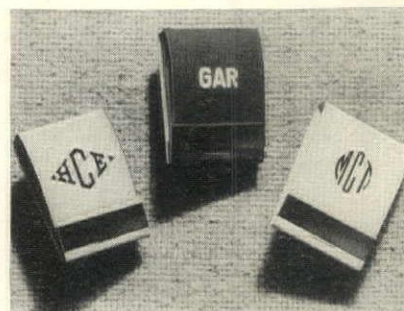
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I LOVE COFFEE

(CONTINUED FROM PAGE 62)

real headquarters of our American Revolution in the eighteenth century.

TYPES OF COFFEE

Coffee drinking may no longer be a matter of public concern but we still take it pretty seriously arguing loud and long over the different kinds and ways of making it. We drink a lot of coffee and we insist that it be good. Though coffee-making has changed little in the Orient where it was discovered six hundred years ago, in America we have made tremendous improvements in every step in the coffee-making process.

With over a hundred different coffees coming to our markets from nineteen countries, so many different combinations are possible that there is bound to be a straight coffee or blend to please every taste. For those who "can't touch it" there are several coffees low in caffeine like some of the Puerto Rican brands, or others with the caffeine removed by a special process.

When green coffee is roasted the berries swell up as the oils are "cooked." They are thus made ready for instantaneous solution with boiling water after the cells have been opened by grinding. Many coffee lovers pride themselves on roasting their own green coffee, but it is doubtful if any but the most expert can improve on commercial roasting as it is done today.

Since the true strength of coffee is determined by the grinding, not the boiling, it is generally true that the finer the grind the better the yield. The old practice of grinding your own coffee just before using it, is still the best way to keep the full flavor and aroma, though vacuum packaging and dated delivery systems have done much to do away with stale coffee.

USUAL TYPES OF COFFEE MAKING

The numerous coffee-makers available today can be classed under three general types: percolators, drip method and vacuum type. Of course there are those who still swear by boiled coffee, and many of them can turn out a very good cup, but this seems to be an inherited ability the secret of which seems impossible to learn.

The one thing to remember with all coffee methods is that correct

brewing is not cooking, it is extraction of the already cooked oils from the fibrous tissue or grounds. If the water and coffee are left together too long the brew will be bitter. The finished coffee is also spoiled by being boiled again, or by cooling, as this breaks down the fusion of the oils and water.

Good coffee should be served immediately or kept just under the boiling point. Many cooks claim their excellent coffee is due to the homely practice of stuffing the snout of the pot to prevent an unnecessary loss of aroma while it is brewing.

Talleyrand's description of the perfect brew still serves as a criterion for many coffee-lovers today: "Noir comme le diable, chaud comme l'enfer, pur comme un ange, doux comme l'amour."

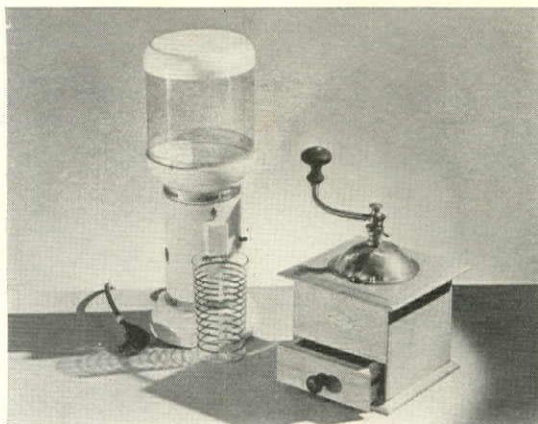
VARIATIONS IN COFFEE MAKING

Though we take a very pardonable pride in the coffee we have developed as our national drink, there are many variations, adapted by other countries, which are delicious and pleasant to serve. That famous coffee which was the pride of old Vienna was usually made by a pumping percolator, or drip method, and served with two parts of cream to one of hot milk, topped off with whipped cream. A rich dish, and perfect to serve with fresh rolls at an afternoon party or Kaffee Klatsch.

COFFEE AND CORDIALS

The French insist that coffee demitasse must be served with liqueur "for digestion's sake", so it is usually accompanied by cognac, Benedictine or other cordial. Some prefer to pour their cognac in the hot coffee and a popular American infringement on this old custom is the use of gin in after-dinner coffee.

From the South American countries comes a coffee custom which is making the early morning more bearable for many people. A small cup of very strong black coffee, known to the initiate as a coffee cocktail or "small black" served immediately upon arising or even better, before you are out of bed, will forestall the most persistent morning grouch.



For full flavor grind coffee just before making. Kitchen Aid's electric grinder; French hand-turned model from Hammacher-Schlemmer

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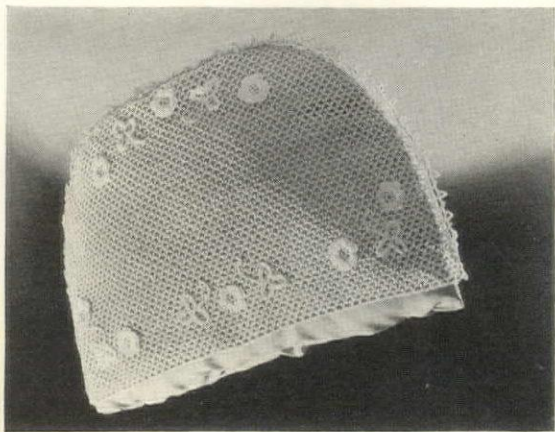
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Send free illustrated literature describing patterns which I have named in the margin.





There's nothing like a tea-cozy to keep the pot hot, but they are hard to find. Write us for full directions for crocheting this one

I LOVE TEA

(CONTINUED FROM PAGE 63)

only upon the atmosphere and the company. Since "tea is invented for quiet company as wine is invented for a noisy party", he claims it would be disastrous to drink tea "with babies crying around or with loud-voiced women or politics-talking men". Quoting Ch'asu, he lists among the Proper Moments for Drinking Tea:

- When one's heart and hands are idle
- When one's thoughts are disturbed
- Engaged in conversation deep in night
- Before a bright window and a clear desk
- When children are at school

If you have no leanings toward the contemplative life, you can take your advice from the tea-drinking English, and follow Dr. Johnson who regaled his witty friends hour after hour while his tea pot "had scarcely time to cool".

MAKING TEA

Good tea-making is a simple ritual which never varies and never fails. Everything that is used must be perfectly clean. This means the kettle, the earthenware pot, strainer, serving pot, cups and spoons and it also means that the tea itself must be kept away from other strong flavors which might affect its taste. The real tea lover enjoys the ritual and seldom leaves the kettle after it begins to sing. He may stop to take off the lid and watch the tiny bubbles called "fish eyes" as they form for the first boil, then he listens as the gentle singing turns into a "gurgle" and the small bubbles come up the sides of the kettle. When the vapor comes from the spout, just before a full boil "like billowing waves", he takes the kettle from the fire and quickly scalds the pot inside and out and empties it.

Into the still steaming pot he puts three-quarters of a teaspoon of tea for each cup and the same "for the pot". After the tea leaves have expanded in the steam he pours on the fresh boiling water and lets it stand, usually three minutes for China, or green teas, and four to five minutes for India tea or mixtures. Then he pours the tea fast off the leaves into a hot serving pot and sits down to enjoy it.

Whether you add lemon, cream, or milk and sugar to your tea is entirely a personal matter, disturbing only to the true connoisseur. Rum in hot tea is a grand Winter drink and the Russian custom of serving wild strawberry jam either in the tea or to be eaten along with it, makes a gala tea party.

Two tablespoons of common red wine in a cup of very hot tea, is one of the best remedies for chills.

Iced tea seems to be our own idea, a typically American drink. It should be made stronger than hot tea since it will be diluted with the ice and it is possible to make a whole day's supply at one time and still have it good if the tea is poured off the leaves, covered, and set aside to cool at room temperature. Don't put it in the refrigerator as it may lose its flavor and absorb odors from other foods. Incidentally, hot tea really does carry off in evaporation from the body more heat than iced tea and is therefore more cooling.

Beneath their lovely glamorous names, all teas are divided into three general types—black, green and oolong. These differences are due to the method of treating the leaf after it is picked. Green tea, from China and Japan, is withered and heat-treated almost immediately after it is picked. The leaves which are to be made into black teas, principally from India, Ceylon, Java and Sumatra, are put into dark humidified rooms for several hours before firing to bring out the natural leaf juices and essential oils of the tea. Oolong from Formosa represents another curing process between the green and black.

GRADING TEA

Teas are graded according to the size of the leaf and given such grade names as Broken Orange Pekoe, Pekoe, Pekoe Souchong and Souchong. Despite a firm American belief that Pekoe, Orange Pekoe, etc., mean high quality tea, the awful truth is that such grades refer entirely to leaf sizes and have little to do with the quality beyond the general principle that the smaller leaves are more desirable. It's the local conditions that affect the quality of tea; the altitude, temperature, rainfall and general climate in which it was grown.

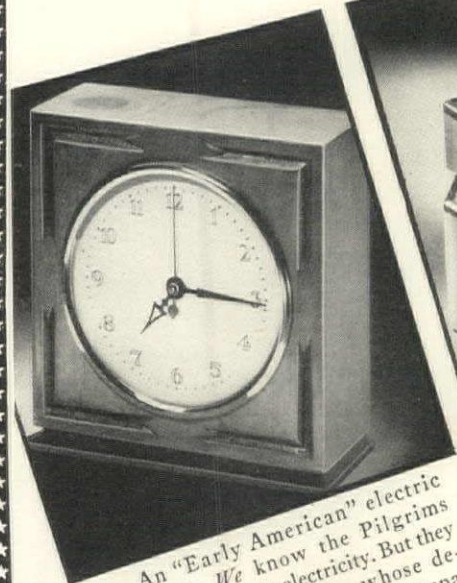
Most teas available to the consumer have already been blended by experts to provide uniformity, high quality and taste. In blending teas, allowance can be made for the special properties of water in different sections of the country. The importance of tea adapted to local water conditions can hardly be over-estimated and consequently good tea merchants are glad to work with tea drinkers in different parts of the country, supplying samples of different blends until the right combination of tea for the local water is found.

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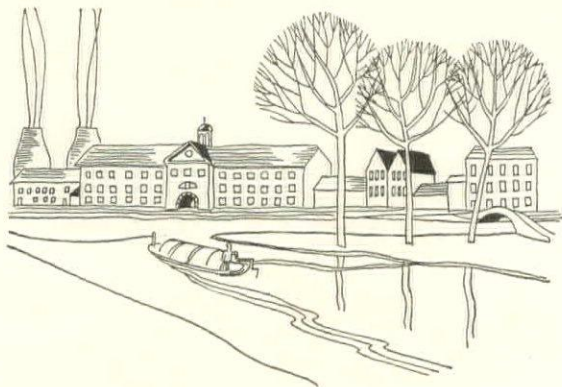
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THAT VERSATILE FAVORITE—THE APPLE

By JEANNE OWEN

ONLY poetic thought expresses the mood occasioned by a drive through the apple country in early Autumn where it is

“a goodly sight to see
What heaven hath done for this delicious land
What fruits of fragrance blush on every tree!”

Then, with the thought that new apples will soon be in season, we turn to a variety of dishes with which to tempt the masculine head of the house. For the apple is a masculine favorite. Just watch how carefully a man will peel and slice an apple to eat with his Camembert or Roquefort. How he will scan the desserts on a menu and beam with satisfaction on the item: *Apple Pie!* Parfait for the ladies, perhaps, but apple pie with its wedge of cheese, for the gentlemen. And so it has been since the days of Monsieur Dumas who wrote so romantically of kings, queens and musketeers—but so practically about apples: “Absolutely no water; cook the apples in butter and allow them to catch on the bottom of the pan to scorch a little, thereby giving them a grilled flavor.”

Fortunately for us there is more variety today in the preparation of apples which will please the feminine palate as well as the masculine gourmet. There is more variety, too, in the apples themselves. We have the clean, crisp breakfast apples, small green apples for pickling, crabapples for jelly, and cider apples that must be sweeter and contain sufficient tannin to do the right thing for cider.

English, German, Swedish, French and American housewives have their favorite recipes for apple cookery. Going into a discussion on the subject is a risk—very much like bringing up the question of eggnog or fruit cake with their sacred traditional recipes. But in the face of all authority we offer a few of the recipes we have tried and found very pleasing, knowing well that a bit of genius—the individual touch—will do a great deal for the simplest everyday dishes.

That old stand-by, the baked apple, takes a very important place in the family menu. Of course, freshly baked apples are the best. They should never be a left-over, nor should they ever be chilled as it leaves them tasteless and “wooden”. For variety of flavor, try these:

BAKED APPLES

Core the apples and fill the opening with orange or apricot marmalade. Sprinkle with ground cinnamon, put in a pan with a little water mixed with marmalade for basting, place in an oven (375°) for thirty to forty minutes, and test with a toothpick for tenderness. Add a little freshly grated nutmeg when done—a final touch which enriches the seasoning.

BAKED APPLES VERMONT

Use a large corer and pack the holes of big crisp apples with brown sugar, seedless raisins, chopped pecans and bits of butter. Pour a little maple

syrup over them, and add half a cup of hot water in the pan to baste the apples. When cooked, cool and serve.

APPLE PANCAKES

Two eggs, well beaten. Two tablespoonfuls of sugar and a pinch of salt—added to beaten eggs. Mix in half a cup of milk and one cup of sifted flour. Thin out the mixture with one more cup of milk and four tablespoonfuls of melted butter. Add a cupful of finely chopped apples. Cook the pancakes on a greased, hot griddle. Roll and serve with powdered sugar and a dash of lemon juice. Excellent with sausages. If the batter is too thin for the individual taste, add more flour—but very thin pancakes seem more appetizing.

STUFFED APPLES TO SERVE HOT WITH SUCKLING PIG

We owe the following delicacy to a charming Southern lady whose home on New Year's Day was open to all her friends for the Feast of the Suckling Pig and Stuffed Apples. We began many New Years with that ceremony, and the last always seemed the best—as everything rightly should.

One large tart apple per person. Cut a slice off the top (not the stem end) and with a little patience carefully scoop out the inside to form a cup. Discarding the core and seeds, finely chop the rest of the inside. Mix with brown sugar to taste, bits of butter, chopped walnuts, large meaty raisins that have been seeded, and a little finely-chopped citron. Add a dash of freshly ground nutmeg, and the same of ground clove. Flavor the apple stuffing with rum. Fill the apple cups quite high as the stuffing may shrink a little. Put in a baking pan, into which has been mixed hot water, brown sugar, nutmeg and rum for basting. The finishing point must be judged as the apples may vary, but ours in a moderate oven—325° to 350°—have taken almost an hour.

A YORKSHIRE DEEP-DISH APPLE PIE

Motoring to Scotland one year in the early Fall for a little “rough shooting” (could anything be more expressive of that whatever-you-can-get-for-the-bag expedition?) we stopped “somewhere” in Yorkshire for lunch. It was a crisp day and thoughts of roast beef and Yorkshire pudding were tormenting an appetite that has never needed coaxing.

We entered a dark, quiet dining room—the silent diners merely concerned with the business of eating. It was the Sabbath and there was no joy of living, nor signs of holiday enthusiasm. One took the lunch—very definitely—there was no choice and one took it without a murmur. The beef was served but it was stewed and disappointing, along with many other faults. The meal seemed long but at last, to restore our faith in a gastronomic world, a deep-dish apple pie appeared in all its perfection, and here it is for you:

For a ten-inch pie use nine crisp,
(Continued on page 77)

THAT VERSATILE FAVORITE—THE APPLE

(CONTINUED FROM PAGE 76)

tart apples, pared, cored and cut in thin slices. Mix three-quarters of a cup of sugar with the apples (it must not be too sweet) and put them in the dish with bits of butter between layers of apples, and four or five whole cloves scattered here and there. Pile the apples higher in the center so that the pie will not drop or, as they do in England for all deep-dish pies, put an old-fashioned egg cup in the center of the pie dish to hold up the crust. Add four tablespoonfuls of water and cover with the pastry rolled out about a quarter of an inch thick. The crust must not be too short or "wafery".

Put the pie in a glass deep-dish in a hot oven and reduce the heat after eight or ten minutes, then cook until the apples are tender. Remove from the oven and on top of the crust put slices of Cheddar cheese. Return the hot pie to the oven and leave it there just long enough to melt the cheese a little—the cheese must not bubble. Serve hot, passing a shaker of powdered sugar for those who like more sweetening.

APPLE SOUFFLÉ

Six egg whites, stiffly beaten. With this mix one cup of strained, smooth apple sauce, sweetened to taste and flavored with a little vanilla or kirsch. Turn the mixture into a well-buttered glass baking dish; set the dish in a pan of hot water and bake in a moderate oven (350°) twenty-five to thirty minutes. Serve immediately with the following sauce: Cream one-third of a cup of butter with one cup of sugar—add the yolks of three eggs slightly beaten, then stir in slowly one-third of a cup of boiling water and three tablespoonfuls of lemon juice. Cook in the upper part of the double boiler—stirring constantly—until slightly thickened and after removing from the stove, add three tablespoonfuls of the strained apple sauce.

SOUTHERN STEWED APPLES

Put six large, firm apples, peeled and quartered—and with the cores removed—in an enamelled sauce pan. Add half a cup of water and sugar to taste. Simmer for half an hour; then add the pulp of half an orange and the thinly peeled rind of one orange, one-half teaspoon of ground allspice, one blade of mace and a very scant teaspoon of ground cinnamon. Continue simmering until it forms a rich tender compote and serve during the meal.

VIRGINIA BAKED APPLE DUMPLINGS

Make sufficient biscuit dough for six apples, adding the well-beaten yolks of two eggs. Pare and core six medium-sized apples, and fill the cavities with a mixture of brown sugar, chopped pecans, ground clove to taste and just enough orange marmalade to make a heavy paste. Do not be sparing with the filling. Roll out the biscuit dough one-quarter of an inch thick and cut it in six-inch squares. Put one apple in the center of each square with bits of butter on the apple, and draw up the corners of the dough on top of the apple, sealing it by moistening the edges of the dough.

Beat one egg white and brush the outside of each dumpling. Shake coarse sugar over them, put them on a baking sheet in a hot oven for ten or twelve minutes and then reduce the heat and finish with twenty more minutes' baking in a moderate oven (325° to 350°).

FLORENCE'S PAN DOWDY

Fill a deep glass baking dish with as many sliced apples as it will hold—adding bits of butter generously here and there and sprinkling a little flour between layers. When the baking dish is full, pour in molasses slowly to fill every vacant spot or air pocket. Set in a very slow oven and bake four to five hours. When cooked, the apples are golden and transparent. Remove from the oven and cover the top with a thin flaky puff paste. Return to the oven and cook until the crust is ready. Serve warm—not hot—with thick cream.

SOME NORMAN RECIPES:

Normandy—that birthplace of so many excellent cheeses, boastful of its thick sweet cream and excellent cooking, is equally proud of its apples, from blossoms to Calvados.

There they have no "vin du pays", so they insist that every good regional dish in that smiling country be washed down with cider. Not to be outdone by the grape growers, they have given us Calvados, Applejack—to those whose memory goes back to less blessed days—but more tenderly matured and aged in the wood until it appears as a rival of the finest Cognac, Marc or Armagnac. Norman housewives give us the following recipes which we have chosen from a large collection:

OMELETTE AUX POMMES À LA NORMANDE

Core, peel and dice two large apples. Put them in a pan, with a closely-fitting cover, adding four tablespoonfuls of melted butter and three of sugar. Steam the apples until cooked—they must remain a bit crisp—and set aside. Beat six eggs, adding a pinch of salt, until very light and add a heaping tablespoon of sugar. Put a large piece of butter in the omelet pan and when it is melted—not sizzling—add the eggs. As they set over a slow fire, free the edges around the pan with a spatula. When the omelet is done to taste put the apples in the center, fold over, and slip the omelet gently out of the pan onto a hot platter. Sprinkle with powdered sugar and, for professional decoration, sear with a hot iron.

This is served as a luncheon dish at the end of the meal. Should you like the extra touch, pour over the omelet a small glass of Calvados and serve it flaming.

APPLE MERINGUE WITH RICE

Prepare the rice by boiling three tablespoonfuls in one quart of hot milk to which has been added a pinch of salt. The cover of the sauce pan must fit tightly and this must be cooked over a slow fire, stirring the rice occasionally. When the rice is almost cooked,

(Continued on page 80)



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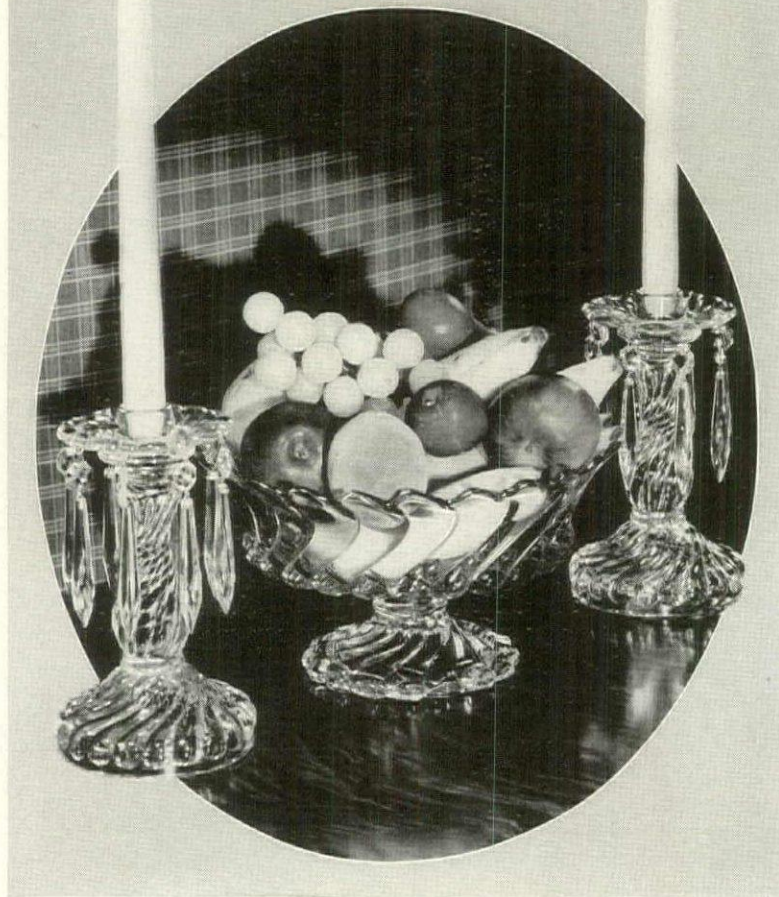
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SNOW ROSES FOR WINTER BLOOM

IF YOU have ever seen a well-grown plant of *Helleborous niger*, the Christmas rose, blooming in the sunshine on a crisp, cold December day, you will not find it hard to believe some of the interesting old legends that link this truly heavenly flower with the birth of Christ. It has a purity that seems almost ethereal, and your first thought is to protect its frail beauty from the cruel elements of Winter. Yet this is just what you should not do, for the plant under glass stops blooming very much earlier than the one under a blanket of snow. In Switzerland they call these flowers "Snow roses", and the colorful groups of skaters and skiers are seen returning home from the snow-clad mountains with armfuls of them.

In this section of the country, New York, New England, etc., the true *Helleborous niger* is almost always in bloom in time to supply flowers for the Thanksgiving dinner table, and if the plant is healthy there will still be flowers on it at the end of March. When the temperature gets down around zero the whole plant will wilt and become prostrate. But when it gets back to around thirty-two degrees or above freezing the stems rise up again.

These plants start to bloom before the snow falls in this climate and are apt to be spattered with mud by the late rains unless the soil around them is protected with leaves. It is a fact that the true *Helleborous niger* blooms from late November until the middle

of March, but it is in December that it is at its best. Unfortunately, at this time the bees are still actively hunting nectar for their honey, though the frost long since has deprived them of their lavish supply of garden flowers. They pounce upon these dainty morsels as though they thought them almost too good to be true. A spot is left where each little foot lights, for the petals are very much like the camellia or gardenia in texture, and turn brown wherever touched. A hailstorm will play havoc with them in the same way.

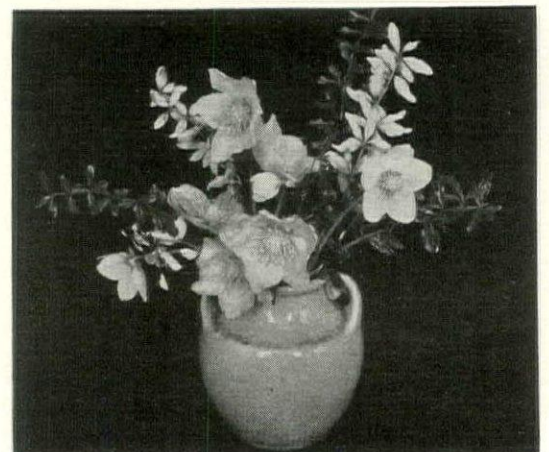
As early as October the buds can be seen pushing out of the crown, and from this time on care should be taken to keep them covered with the foliage, for if the strong light reaches them they will bloom before the flower has had time to develop properly or the stem has grown sufficiently tall. The plant is most beautiful when the buds reach above the leaves before they begin to open.

The Christmas rose is listed as an herbaceous perennial but is in reality an evergreen, for its deeply serrated, rugged, dark green leaves persist all through the Winter. In the vicinity of New York City they die down completely in the early Spring, and when cut off are replaced with new, bright green ones within a few days. In some parts of Europe it never loses its leafage. This is, no doubt, the reason that the plant increases so much more rapidly there than it does here. Healthy
(Continued on page 88)



Called by some Christmas rose, by others Snow rose, *Helleborous niger* is one of the few Winter outdoor flowers grown in the North

A vase of waxy white Christmas roses and evergreen holly-leaved barberry plucked in Winter will last fresh indoors for over ten days



FROM TOWN DUMP TO COMMUNITY GARDEN

(CONTINUED FROM PAGE 64)

Mowbray-Clarke's direction. She developed as much latent talent as she could among the workmen. Her good-humor and earnestness led them on.

The community garden stands today as an accomplished fact. The garden is entered by way of a commodious tea house. Beyond, through a great arch, is a long vista of the formal section of the garden. At the far end a charming open-air theatre serves to accommodate gatherings too large for the tea house.

Everywhere is evidence of how available materials have been turned to use. A delightful rustic pergola, for example, cleverly marks the change from the formal to the naturalistic plantings. This pergola is made of discarded telephone poles. For in Rockland County not even the Public Service Companies escaped from contributing their bit.

It is on the shaded winding paths of the naturalistic section that the garden has progressed far beyond the hopes of the creator. Nature came back with a rush. Wildings, formerly native but long since exterminated by local vandalism, have been planted. Patches of arbutus are reestablishing themselves. A chestnut, now old enough to produce a few nuts, has so far escaped the blight. A rugged vine, rescued from the brush hooks of the clearing gang, is covering large sections of the underbrush. A group of spicebush has grown lustily in an incredibly short time. A once-rubbish-clogged stream flows between fern-decked banks. In this wild area numerous clearings house individual family picnic spots equipped

with seats and tables of stone and wood.

Adjacent to this section are the substantial beginnings of other projects, all associated with the Dutch Gardens. Some visitors will be most intrigued with the water garden where the remains of an old grist mill will make an ideal setting. Others will be drawn to the rock garden. But for the local crowds, the new baseball diamond is the center of attraction with the children's playground, a shaded "rolling spot" for babies, and a safe wading pool for toddlers as close favorites.

In a large area recently acquired additional sport fields will be added, and a tract of woodland, quite different in character from the sloping stream bank, will be renaturalized. This extension has been made possible through the success of the existing community garden, for the inhabitants of Rockland County now realize that in Dutch Gardens they have a valuable asset.

No "do not pick the wild flowers" signs rear their unsightly heads in the New City garden. It is hardly necessary when there is such native pride in the development. As a precaution there are the "woods police"—school children and Boy and Girl Scouts who politely, but firmly, protect their playgrounds.

Perhaps what has been accomplished psychologically is even more important than the physical aspects of the garden. It has helped in a very real way to unite the different elements in a very diversified county. The New City Community Garden is an example that may be emulated in other localities.

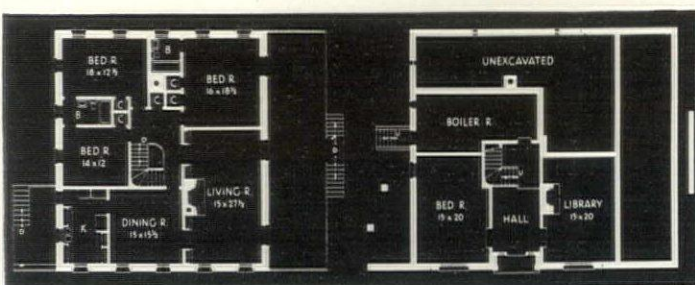
F. F. ROCKWELL

MARYLAND HOUSE REBUILT

(CONTINUED FROM PAGE 43)



In rebuilding their home in Hagerstown, Maryland, Mr. and Mrs. Onderdonk planned this terrace overlooking their garden in back of the house



Built on the old foundations the house was planned (first floor, left; ground floor, right) to make the utmost of the hillside building site



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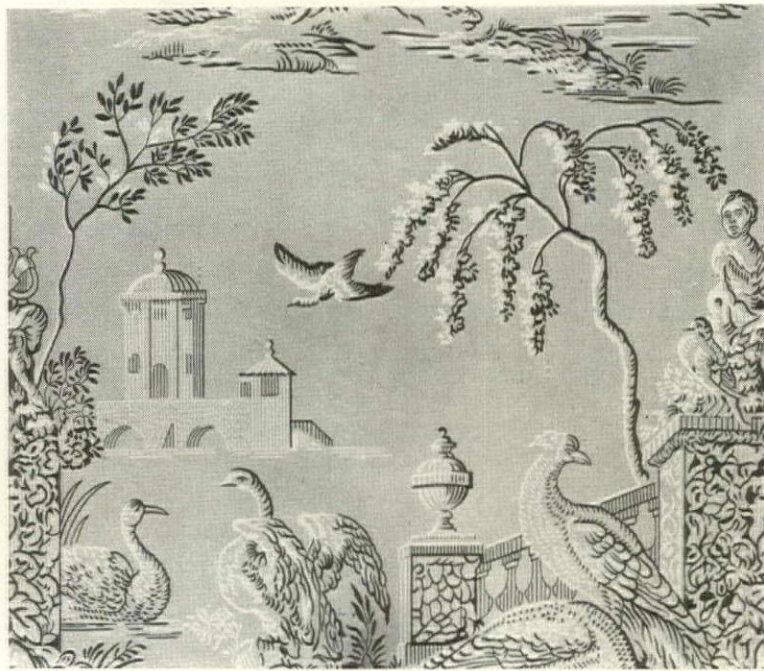
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THE ROBERT MONTGOMERYS LIVE HERE

(CONTINUED FROM PAGE 30)

is red with a border stripe of white. The drain boards are rubber tiling and the wall back of the stove is finished with stainless steel.

Upstairs, the children's rooms have overhead lights in the shape of large drums. Elizabeth's room is in blue and white and the paper has rural scenes on it. Robert has soldiers and drums on his wallpaper and the colors are red and white. They each have a dressing room and share a bath.

The master bedroom has twin beds with white ruffled organdy canopies and tie back curtains on either side. The walls are a light gray with dead white woodwork. Color is introduced by means of the upholstered furniture in the room. A sofa that fits into a recessed window is done in light green flowered chintz. An old-fashioned Martha Washington chair is in a red print and a high back wing chair has a yellow background with flowers. Over the fireplace in this room is a Paul Sample water color sketch of his "Red Barn" which is in the Metropolitan.

Off this master bedroom are two dressing rooms. We found that separate dressing room and bathroom made both rooms very small, so we decided to combine them. In my dressing room the tub is recessed and I have treated it like a window with rubberized silk curtains, ruffled and tied back. The difference between them and the organdy window curtains is not noticeable. The dressing table and wash basin with a mirror top extend across the room. The

wallpaper is blue with a small silver leaf figure. There is an overhead light in this room and I planned it of crystal balls to look as much like drops of water as possible. On the walls are some framed letters of Confederate Generals and one of Jefferson Davis, which were a gift to the "rebel" from her husband.

Mr. Montgomery's dressing room is in pine. It has a wash basin and a stall shower. We used structural glass on the wash basin, colored as nearly as possible to match the pine. There is a red leather day bed and a red leather screen. A Lassell Ripley water color and two original Thurber drawings adorn the walls.

The guest bedroom has an off-white paper with an urn and green-ivy motif. There are two Currier ship prints and a snow scene in water color by Paul Sample. This room seemed to need mahogany and so the four poster twin beds in here are dark mahogany.

With the exception of this guest room and the dining room for which I had the furniture previously, everything is done in maple. All the maple things we ordered from a place in Harrisonburg, Virginia, which is called the Virginia Craftsmen. They had previously done the furniture for our New York home and it had been very satisfactory. Their work is all done by hand, as nearly as possible in the old way, using pegs instead of nails.

ELIZABETH MONTGOMERY

THAT VERSATILE FAVORITE—THE APPLE

(CONTINUED FROM PAGE 77)

add half a cup of sugar. The mixture must be creamy when removed from the stove. Pour it into a shallow glass dish that can go into the oven—allow it to cool.

In the meanwhile core, peel and quarter four nice apples and drop them in a syrup made of two cups of sugar and two and one-half cups of water, and flavored with vanilla. When the apples are tender remove them from the syrup and drain them thoroughly. Arrange them on top of the rice, and cover, as you would a pie, with a meringue made of four egg whites (with a pinch of salt) beaten to a froth, adding one-half a cup of finely granulated sugar a little at a time—and a little vanilla. Bake in a moderate oven (325°) until the meringue sets.

POMMES À LA CRÈME AU KIRSCH

Prepare the quartered apples as in the above recipe. Cool and drain thoroughly. Whip rich cream with sugar to taste and flavor it with kirsch. Prepare in individual glass dishes by putting a little cream in the bottom of each dish, then the apple, and on top more cream. Sprinkle macaroon crumbs on the top. The cream can be flavored with anisette or rum.

POMMES BRILLAT-SAVARIN

A delicate dessert, named after that gentle philosopher who wrote so delightfully on the pleasures of the

table and the art of eating.

Arrange lady fingers at the bottom of a flat dish and sprinkle lightly with rum or Calvados. On top of the cake place apples cut in half and cooked in syrup as in the recipe above. One tablespoonful of apricot purée (or apricot marmalade thinned out) on each piece of apple, and some blanched and shredded Jordan almonds. When serving, pass a boiled custard sauce to which a little more of the rum has been added if desired.

FARMERS BISHOP

And as a tribute to the fruit which has served us such a variety of good things, why not on a frosty night when the cider presses have been generous, a glass of that delicious hot punch known as Farmers Bishop?

Take half a dozen oranges and stick them full of whole cloves. Put them in a baking pan, and bake in a moderate oven until the juice begins to exude. Remove from the oven and put them in a large pot—if you haven't a metal punch bowl that can be put over an alcohol flame. Add sugar to taste and one quart of Apple Brandy. Set fire to the Apple Brandy and after it has flamed for a few moments, slowly extinguish the flame by gently adding half a gallon of sweet cider. Keep the bowl, or pot, over a slow flame, add cinnamon and nutmeg to taste and serve it hot. Do not let it boil or you will lose some of the flavor.

A WEATHER-EYE

(CONTINUED FROM PAGE 46)

A nice combination of scientific study and natural "feel", it has a definite human value which appeals to many who have no interest in the usual collecting hobbies. It is a year-round interest which deepens with experience so that the forecaster improves with the years and his social success is assured for he can always find some reason to talk about the weather.

THERMOMETER READINGS

The most familiar weather instrument is of course the thermometer. With one of the new "Indoor-Outdoor" thermometers installed on an outside wall, this part of your weather observation can be made at a glance. Weather-minded fiends who gloat over the hottest day and the coldest night of the year should certainly enjoy the type of thermometer that records these extremes, in addition to showing the current temperature. A little indicator, moved by the double columns of mercury, marks the extremes in each column. The temperature may change, but the indicator now remains fixed.

Actual forecasting of the weather centers around the barometer which indicates coming, not present, weather by measuring the weight of the air, or atmospheric pressure. For whenever pressure changes, there will be weather changes of some kind.

ORIGIN OF THE BAROMETER

Barometers look terribly technical and the readings seem to be purposely confusing given, as they are, in inches and fractions—inches of what, and why? It's really both simple and logical. The first barometers were glass tubes containing mercury which rose or fell so many fractions of an inch as the pressure changed, whence comes the salty and familiar expression "The glass is falling". Since a mercury-filled glass tube about three feet long is not a very handy instrument, aneroid barometers, which work on a vacuum chamber principle, have been adopted for general use, but the pressure is still faithfully recorded in inches on the clock-like faces of aneroid barometers.

BAROMETER READINGS

The words *Rain*, *Change* and *Fair* are located at those points on the barometer dial where they are most frequently a good prediction. Although it is true enough that a steady reading of 30.0 inches frequently indicates dry and settled weather coming and 29.0 or lower signifies some sort of stormy weather, it would be more fool-hardy than weather-wise to plan a garden party simply because the barometer happens to point to the word *Fair*.

Weather forecasting is not as simple as that, being conditioned by the tendencies and rates of change in temperature, pressure, winds and cloud sequences. Consequently, the forecaster must learn to interpret barometric readings in relation to the other factors. The most frequent weather sequences ac-

companied different barometric readings have been charted for use with a plain barometer and similar information has been summarized on the face of barometers known as "Storm-guides", which also have an automatic signal to indicate whether the pressure is currently rising or falling.

ADJUSTING THE BAROMETER

Barometers should be kept inside because they work as well there as outdoors and they are only damaged by exposure. Unless a barometer is compensated for temperature changes, and so marked, it should be kept away from direct sun and sudden changes in temperature. All barometers must be adjusted to the altitude above sea level. This is usually done by moving the hand clock-wise .01 for every ninety feet above sea level. Some models have a special back plate with an arrow which can be turned to the correct altitude, thereby automatically adjusting the reading.

Shortly before the September hurricane which swept Long Island and the New England Coast during the autumnal equinox, the barometer in some localities fell from 29.1 to 28.1 in two hours and a half, giving ominous warning of the violent storm which was on the way. General barometric fluctuations become more balanced near the equator so that in the tropics a very slight drop, 0.10 inch in two hours, is usually considered dangerous. A specially-marked barometer known as the "Cycloguide" is particularly valuable in these regions. Preceding a tropical storm there usually are long, unbroken swells at sea, with the interval between the crests much longer than they normally are, and cirrus or high feathery clouds which seem to converge at a point on the horizon.

HYGROMETER READINGS

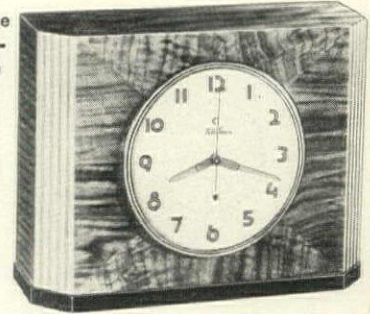
Hygrometers used inside the house are valuable in determining the relative humidity and comfort within the house, but of no use in weather forecasting. However with a wet-and-dry bulb instrument such as the "Hygrodeik" which mechanically indicates the dew point, practical prediction is possible. If the dew point is indicated below freezing, there will be frost instead of dew and the gardener can get a head start with his smudge pot and newspapers before his plants are ruined.

MEANING OF SKY-WATCHING

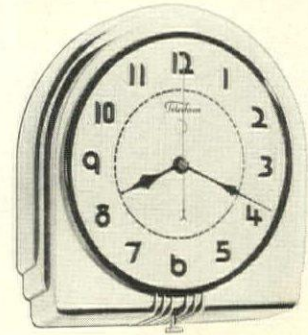
The continual sky-watching, which will always be the basis of forecasting, is probably its greatest charm. The forecaster can go cloud-gathering in earnest, learning the sequences of the different cloud formations. He will come to know the meaning of the cirrus or mare's-tail cloud, the wool-packed cumulus, the stratus or ground fog and rain-bearing nimbus as they move across the sky. Though he finds that he is matching the sailors and the shepherds in the accuracy of his predictions, he will never lose his interest in the weather.

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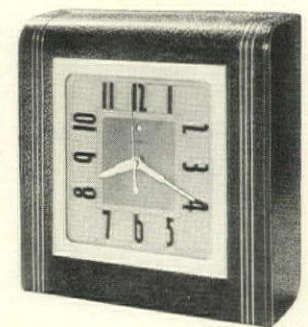
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THE GIANT LILY

THE lily family offers us many different types and forms of pleasing garden plants. The giants among them are the various *Eremurus*, the fox tail lilies. About eighteen species are recognized and they are native to the mountains and tablelands of western and central Asia. The species *Eremurus himalaicus*, which has white flowers, is found in the Himalayas.

The height of the floral shaft during the flowering period differs widely in the various species. Some are only two feet in height while others frequently attain a height of ten feet. The lowest of these giants is *Eremurus olgae* which seldom exceeds two feet and is a native of Turkestan. Its flowers are tinted a light rose.

As a contrast *E. spectabilis*, a native of central Asia, lifts its yellow flowers more than nine feet into the air. Of the same height is *E. robusta* a native of Turkestan and inhabiting regions nine thousand feet above sea level. Its leaves are frequently more than three feet in length with a width of three inches. Much lower is *E. bungei* with its yellow flowers, while the hybrid *shelfordi* is provided with coppery colored blossoms which, on their outer side, are of a reddish bronze tint. Another hybrid *tubergeni*, a cross between *himalaicus* and *bungei*, flowers early in the year and has light yellow flowers. Yellowish red blossoms are produced on eight foot shafts by *warei*; *himrob* has blossoms tinted a soft rose.

PLANTING

Although the various species and hybrids of *Eremurus* give the impression that they are hothouse plants, such is not the case. They are hardy although they do prefer a light covering for Winter protection. The large bulb is to be planted in the Fall. Flowers can only be expected when the plant is five years old. The bulb is peculiar in that it has numerous finger-like projections along its outer edge which, ray-like, radiate horizontally giving the appearance of a crown. These break off easily so great care must be taken that this does not occur. The roots, when developing, are fairly shallow.

Eremurus prefers a somewhat protected location where it will receive the full benefit of the sun. This is very essential if it is to thrive. The soil should be deep, moist (but not wet), fertile (but not freshly fertilized), and loose

so that excess water will run through quickly. The thick mop of leaves begins to break through the ground early in Spring and if a late Spring frost nips the plant, no flowers can be expected. Such accidental injury from frost must be avoided with suitable covering.

The *Eremurus* is like a gigantic flare of flowers and when these have burned out all that remains is a dried shaft thickly covered with seed pods which soon open and broadcast the seeds. At this stage the usefulness of the leaves has passed. They have produced a sufficient quantity of starches and other products which are stored in the bulb. This gives the plant the necessary strength for the next year's growth and also a sufficient reserve for production of next year's flowers. The leaves wither away and the bulb rests awaiting the coming of a new Spring.

PROPAGATION

Since *Eremurus* produces many seeds which germinate readily, the seeds can be used for propagation. But they must be sown soon after ripening. The seeds can be sown in shallow trays containing a sandy soil. Germination is hastened if the seeds are first placed in tepid water for a few hours until they begin to swell. Further cultivation of the seedlings can be carried out in the cold frame where they remain until they are strong enough to be planted out-of-doors. Growth and development of the seedlings is slow.

The seeds can also be sown out-of-doors but the bed should contain a very fertile soil as the young plants abstract much nourishment from it. After the second year the seedlings are to be transplanted. If they are placed in a light soil they will die. About the beginning of August when the leaves have died back to the ground, the young bulbs can be taken out. Here they are placed in the shade to dry and to ripen. About the end of September or the beginning of October they are replanted.

The old plants whose bulbs are to remain in the soil are given a light covering of peat moss about six inches high and three feet in diameter. This is done after the first frost has crusted the soil. Then the plants will pass through the Winter without damage. When they refuse to flower profusely, transplanting is essential for the soil has then been exhausted.

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SHEPARD HomeLIFT

FASCINATING IVIES

(CONTINUED FROM PAGE 35)

of the leading nurseries near New York, in a sheltered rock garden spot, it survived the severe winters of 1933 to '35.

WITH UNUSUAL FOLIAGE

The house gardener who wishes to make a collection of ivies will find many intriguing types to play with. Most of them offer no cultural difficulties. In fact, obtaining the original plants is one of the biggest problems—but this merely adds to the excitement of collecting an unusual number.

H. tortuosa, with curled, twisted leaves, gives somewhat the same effect as *H. conglomerata*, but is more freakish in appearance. A very charming sort is the almost fern-like *Helix minima*.

H. coreacaea is a nice trailer with small heart-shaped leaves—a slow grower. *H. scutifolia* has nearly smooth-edged, sharply-pointed leaves; while those of *picta* are fig-like, or even suggest ginkgo foliage. *H. palmata*, as the name implies, has leaves shaped like a hand—a rather fat and chubby one. *H. pedata* has an extra long center segment or point, suggesting the track of a bird's foot; while in *H. nepalensis* the entire leaf is so elongated and pointed as to appear somewhat like an Indian arrow head.

WITH VARIEGATED FOLIAGE

Many of the ivies have variegated forms. Like most variegated plants, they are less vigorous than their prototypes, but some of these ivies are well worth growing. Silver Queen, a form of *helix*, is an old favorite for a house or greenhouse plant. *H. dentata variegata*, variegated creamy yellow, is more vigorous, and used for outdoor planting as well as inside. To me the most pleasing of the variegated large-leaved sorts is *H. cavendishii* which has green centers, with broad edgings of creamy white. It is very compact, slow growing, and though it may lose its foliage it will reclothe itself nicely. The new foliage fortunately has leaves which are equally as large as the first.

The variegated miniature-leaved sorts, while interesting from the collector's point of view, are less satisfactory. *H. marmorata* or "discolor" has tiny leaves mottled yellow and white. It is difficult to keep in good condition, and even when in fair shape, it is unimpressive. *H. marginata minor* is another of

this type of difficult-growing ivies.

It is remarkable how many amateurs get the idea that ivies should be kept soaking wet. Possibly this is because cut branches of English ivy will often root readily and grow in water. But ivies in pots will not tolerate soggy soil! In fact, good drainage is one of the first steps to their successful culture and lasting happiness.

FOOD FOR IVIES

On the other hand, they prefer a fairly heavy loam—more on the clay side than for most house plants—and firm potting. Keeping wet pebbles and peat moss, or a moisture pad, under the pots is helpful. In watering, it is well to do a thorough job, and then skip several days. Frequent syringing of the tops is always beneficial.

While ivies will thrive without direct sunshine, most of them like plenty of light. Over-watering and lack of light are the two great causes of failure. A northern or northeastern window usually makes the best exposure, but this depends somewhat on shade from trees or buildings outside, and many other similar factors.

SPRAYING IVIES

Scale must be watched for. Brushing with wood alcohol will take care of this, and the treatment is also effective if mealy bugs spread from succulents or other house plants to the ivy vines. Black Leaf 40 sprayed on the affected plants will discourage mealy bugs if they have a real start. It is wise to segregate any plant which shows signs of the white fuzzy pest, thus avoiding an epidemic in the window garden. Red spider and thrip sometimes attack ivies also. Red-arrow (or a similar spray) and Black Leaf 40 will take care of these also. The latter is also recommended for the "black spot" previously mentioned. It is a wise precaution to keep ivies separated from cyclamens and other plants subject to thrip, thus maintaining a healthful quarantine.

Though the list of diseases to which ivies are subject seems a rather formidable one, the truth is they survive the rigors of life indoors far more successfully than most of our popular foliage plants and should be encouraged for house decoration.

F. F. ROCKWELL

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PLANTING THE STONE CURB

(CONTINUED FROM PAGE 73)

beautiful little spreading shrub *Daphne cneorum*, sometimes called Garland Flower, opens its heads of bright pink flowers in May. Its attractive evergreen foliage makes it particularly useful here along the garden path.

FLOWERS FOR SUMMER

For June flowering there are several campanulas of suitable character for curb planting. *C. rotundifolia*, of which the Giant Harebell is perhaps the best, sends up many slender stalks of dainty miniature blue bells. The harebells flower from early June through July. *C. muralis* forms compact six-inch tufts of glossy green foliage and bears flowers of blue-purple. The rock plant specialist will have other bellflowers for use here. The *cerastiums* also flower in June. Their flowers are white, and the foliage distinctive gray-green. Varieties differ mainly in the size of their leaves.

Vinca minor, better known as trailing myrtle or periwinkle, is another June flower. Its fresh green foliage and trailing habit make it particularly useful. The starry flowers are blue. Certain of the hardy pinks make interesting spots of color both in and out of bloom. They can often be induced to grow so their soft green mat-like foliage will fall over a curb.

For flowering in July and later

there are many perennials and annuals well-suited for planting along a curb. Among the perennials, to mention only a few, there is the extensive family of thymes, varying as to foliage and flower, all more or less trailing, and all good. Then there are the helianthemums. These are shrubby in character, low and spreading in habit, and have neat evergreen foliage. The inch-wide flowers, of a peculiarly satiny texture, are white, pink, yellow, or red.

FLOWERS FOR FALL

Among annuals which are in flower during the latter part of the season are the alyssums, of which there are several distinct classes. That known as Carpet of Snow is especially useful owing to its wide-spreading habit and low growth. The lobelia furnishes several useful types. One of the best is the brilliant blue-flowered trailing sort which grows so luxuriantly in window boxes. The very dwarf petunias are to be had in numerous colors.

Many other plants will suggest themselves. But with a plant list comprising only a portion of those mentioned above, one can make the barest curb into a thing of charm and beauty, a gracious finishing touch to perennial bed and walk alike and a constant joy through the seasons.

JOHN L. REA

THE GARDENER'S NOTEBOOK

VIOLETS. It is fashionable now to wear violets and fashionable to grow them. For the past few years discerning gardeners have been assembling violet collections and reserving frames for Winter culture of the tender florists' sorts. Most of the wildings can be grown outdoors. They generally ask for a rich soil on the acid side, some shade, and sufficient dampness at the roots. A bed for wild violets can be made by mixing 25% peat moss or woods soil with an equal part of compost or rich loam. In Winter they appreciate a mulch of leaves. Divisions of runners and old plants divided will give rapid increase.

For frame culture, the plants are planted in the Fall and finally covered with sash in late October. Plant double violets 8"-9" apart in rows 10" apart; singles 12" apart in 12" rows. Open planting helps avoid disease. Single flowers grow best in 45°-50° at night and a day temperature of 60°-65°. Doubles should be kept cooler. Keep plants well-aired and well-watered.

Cold frames for violets can be heated by electricity or, if they are beside the residence, by heat from a nearby furnace. Those who are not equipped to heat their frames must be content with dormant plants through the Winter, but will be picking flowers from these cold frames much earlier than from outdoor plants. Try Double and Single Russian, Governor Herrick, Prince of Wales, Rosina, Frey's Fragrant Single, Marie Louise Double, Snow Queen Single or Swanley Double. The last two are white, Marie Louise and Frey's

are violet blue and Rosina soft pink.

PEAT FOR SEEDLING. One of the easiest ways to make up a soil for seed sowing is to incorporate with garden loam a quarter of sand and a third of some finely ground peat moss. My experiments with Sorbex over the past few years have proven it an excellent medium—seedling roots grow freely and lustily. I have also found it beneficial for potting soil. It is easily assimilated and easily distributed in the soil, holding moisture in all parts.

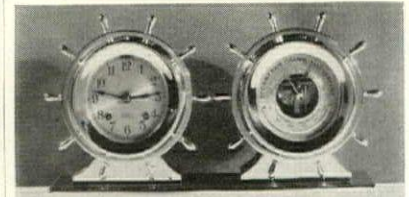
PRIZE IRIS. When Junius Fishburn, treasurer of the American Iris Society, made his selection of the 100 best iris for the September issue, he anticipated the prize winners which have been selected by the Society. The Dykes' Medal has been awarded to Copper Lustre and Junaluska. Awards of Merit went to Golden Treasure, Christabel, Cheerio, Siegfried, Wabash, Ozone, Jelloway, At Dawning, Amigo, Golden Bow, Aubanel and Sahara.

WINDOW GARDEN. Those who garden in Winter indoors need no longer fuss over their own home-made shelves. The *Windo-Garden* comes complete with material for a single, double or three-shelf assembly. They can be set up without interfering with the shades or Venetian blinds or curtains.

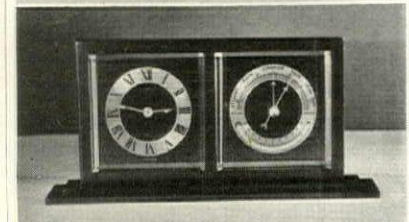
NEW PLANTS FOR NEXT YEAR. At this season, alert gardeners begin making lists of plants they simply *must* try next year. Let me suggest a few. The Boutonniere Daylily, hybridized by

(Continued on page 85)

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THE GARDENER'S NOTEBOOK

(CONTINUED FROM PAGE 84)

Dr. Stout of the New York Botanical Garden, produces miniature flowers in great abundance on a 36" plant. The colors are orange, yellow, and flushed rosy peach. The flowers are produced in August.

Pentstemon secundiflorus Benth, a native American, grows to 4' high, producing, from May to July, blue and lavender flowers. It is a good border plant.

Potentilla Warrensi wants sun but will be content with average soil. Above its strawberry-like leaves, which grow to 18" high, rise sprays of clear golden flowers.

A shade-lover is *Funkia Thomas Hogg*, a greatly improved plantain lily. White edges to broad green leaves and large deep lavender flowers in August give it distinction.

I would also set down in that recommended list the white Kansas Gay Feather, *Liatris scariosa alba*, and the Russian gray-foliage plant, *Perovskia atriplicifolia*, so widely grown in English gardens and some of the named varieties of Hellebore.

FOUR FRAGRANT VIBURNUMS. Most gardeners by this time have found room for the fragrant Korean *Viburnum Carlesii* which scents the Spring border, but there are others equally deserving. Try *Viburnum fragrans*, the North China species. It blooms earlier than *Carlesii* and its foliage in Autumn makes a distinctive contribution to the bronzes. The flowers are white or pink.

A newer comer is *V. Burkwoodii*, with flower heads the shape of *Carlesii's*—only larger and somewhat more compact. The last I would recommend is the Japanese *V. Bitchuiense*, with flower heads or cymes more open than the other three but heavy with fragrance. These four in any garden will heighten the loveliness of Spring and establish the pride of the owner.

COLD FRAME GARDENING. To those whose purse or space does not permit a greenhouse, the cold frame is an endless source of pleasure in almost all seasons. Even in Winter there are jobs to be done around them—aired on warm, clear days, and sheltered with straw mats and banked-up manure or leaves in zero weather. Faced south, they are apt to produce flowers a full three weeks before the blooms appear outdoors. If they are equipped with electricity, of course, they become efficient hotbeds.

ALPINE SEEDS. November and December are the ideal months for sowing alpine seeds and many of the species. These plants that come from regions covered with snow in Winter germinate more readily if they are frozen. So do the whole race of gentians and the majority of iris species. Sow them directly into the soil of the cold frame or in flats and leave off the glass. If during the Winter the snowfall is plentiful, then you may count yourself doubly blessed, for the snow keeps the seed in condition and supplies dampness into which the tiny roots can penetrate when early Spring germination starts.

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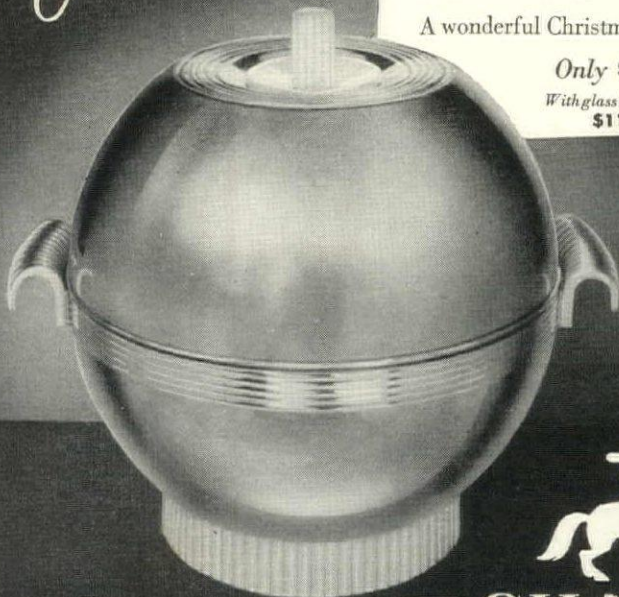
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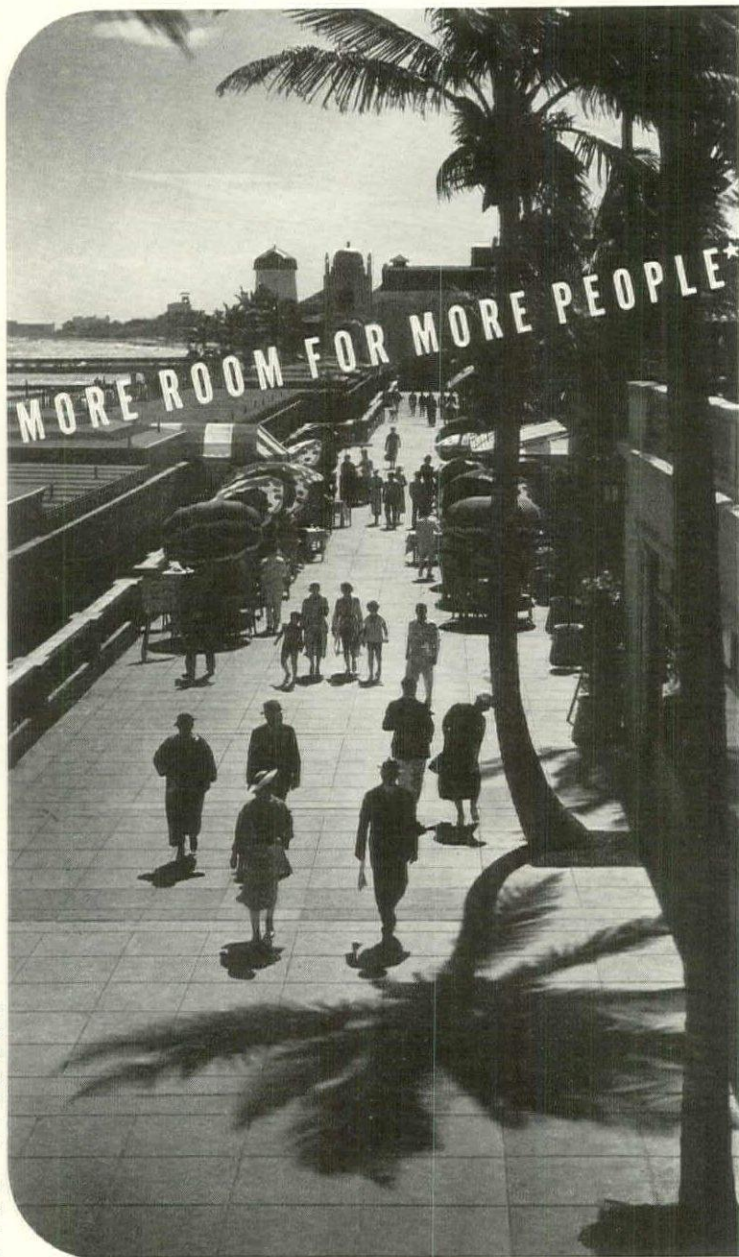


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IN FAVOR OF FLORIDA

(CONTINUED FROM PAGE 54)

many people were enjoying themselves though they did not share in all the fun that a Winter in the South can offer.

Then I began to wonder how many times I had trespassed on this enjoyment. And I recalled the day that I found a Chicago painter sunning himself on an island beach near St. Petersburg. I did not know the island well and hardly recognized him. Ordinarily he looked very small, hidden by canvases in his Rush Street studio. But in his present state of lethargy his hands and limbs gave the impression that they were long and useless. He was gazing absent-mindedly out toward the Gulf of Mexico and scarcely moved at my greeting. Vacationing? No, he answered drowsily, he was working. There was plenty to paint around St. Petersburg: the pleasure boats in the harbor, bayous where unusual lighting effects rivaled the beauty of tropical rivers; fences covered with crimson and purple bougainvillea. Not far away, at Winter Haven, were the incomparable cypress gardens. And at the Gasparilla Carnival, at Tampa, gaily-decked ships offered color excitement.

"And not only the landscape," he added as he raised himself on one elbow to light a cigarette. "A good chance here to study the human figure in action. Gosh, there are more people here engaged in sports than at any one of the Olympic games. Tennis, bicycling, fishing, hunting, riding, sailing, golfing, racing—all the sporting activities that I can't stand. I'll admit that I like to eat the bass and bream they fish out of this Gulf, though. Ever watched the 'Tarpon Round Up' they hold here? Awfullest mess of guides, boats, baits and tackle you ever saw. Good fish and good pictures, I must admit.

"Look at the water," he demanded. "Like the bottle-green of Mexican glass. A moment ago it was blue. It's pretty swell to spend a few hours on this deserted beach.

"I'm going back to town over the causeway," he concluded. "If you'll follow my car we'll be in the center of St. Petersburg in ten minutes. O.K.?" Certainly the Chicago artist did not show any resentment for my having interrupted his solitude. But this was not the case with a Palm Beach matron the previous season.

I had spent a profitable morning shopping in Miami. At noon, walking across the park that borders Biscayne Bay, I marvelled at the number of ships manoeuvring toward the distant piers

and at the number of planes swooping down from Central American ports. The restaurant I favored was crowded with passengers from a trans-Atlantic steamer, so I drove out to Miami Beach, that sub-tropical key across the bay. As I entered the drive off Lincoln Road I caught sight of a friend from Palm Beach—alone.

Over a sherry she told me that she commuted to Miami Beach to follow all the good races at Hialeah or Tropical Park. And, though I might think it odd, she drove the sixty-five miles by herself, had a good lunch, and read for an hour before joining her friends at the track. My companion settled her binoculars and a book on the table, but I remember excusing myself very abruptly to eat alone on the other side of the verandah.

Perhaps it is true that the residents of Florida have learned to respect privacy more than the tourists. Such, at least, was the opinion of a New York banker whom I stopped to see just outside of Jacksonville.

"This is the one spot in Winter," he declared as he led me across the lawn, "where I can do exactly as I like without anyone peering over the fence. Well, there is no fence, really, and no hedge around the garden.

"As you drove up I was making a scarecrow to set up among the Tung trees," the banker continued sheepishly, "and I had a grand time because I knew that no one was going to drive off Highway 78 to laugh at me.

"You know that's a wonderful highway," commented my host. "I can drive two miles to the 18-hole Ponte Vedra Golf Links, where the Southern Amateur Championship is to be held, to play golf. I can take my guests down to old St. Augustine or to Epping Forest, the estate of the late Alfred du Pont. Or I can drive them a little inland to the waters of Silver Springs. If you've never been there, you should go. There's a fascinating variety of water plants, flowers, and unique rock formations. Usually they're filming an underwater movie at the Spring. Visitors enjoy that, you know. Highways and entertainment should be near. But sometimes it is better to forget them—as you can here."

So it is that both those who go to Florida for their vacation and those who live there for the Winter months find much more than climate and comfort and congeniality.

HOUSE & GARDEN'S BOOKSHELF

ANNUALS. By Roy Hay. (Printed in Great Britain.) *New York: E. P. Dutton and Company, Inc.*

There is a wide variation in the treatment of Annuals in this country from that described by Mr. Hay. He assures his readers that Annuals, "with few exceptions," do not need a soil "artificially enriched"; and for those of us who know to the contrary, and also know what chemical provender must be administered to secure fine flowers, the book seems incompetent.

Nearly 200 genera receive particular paragraphic attention of the author, who makes mention of about 700 spe-

cies and varieties of species which he recommends for cultivation. In some selected instances, as with "Stocks", his instructive matter covers several pages, and if you wish to read it, you must look under the botanical name of the genus. The rigidity with which this large mass of valuable information is kept within the lines of scientific botany is certain to limit the distribution of the little book. On the other hand, the excellent photographic illustrations, some in color, emphasize the proposition that flower-growing is an art—to which scientific botany is no more than a step on the way.



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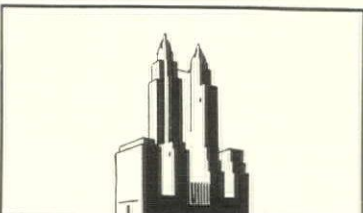
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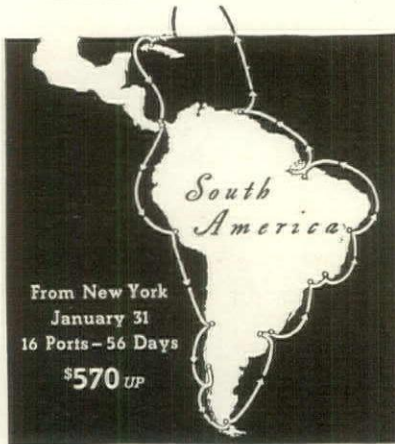
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SNOW ROSES FOR WINTER BLOOM

(CONTINUED FROM PAGE 78)

foliage should never be cut, for it is not too plentiful at best and the plant needs all it has to make food.

As a general rule we are most concerned about the welfare of our plants when they are coming into, or are, in flower. In this particular case, however, attention is definitely necessary in the Spring after the plant has finished flowering, is making seed, and is exhausted by the effort expended to complete the task. It is then that the plants need water and food to produce the strong, healthy, new leaf-growth so vital to their expansion and flowering.

These plants and their flowers like the cold weather and must have plenty of air, but they do appreciate protection from the wind, especially if provided by a low stone wall or even just a few big stones which help to hold moisture for the roots. A pocket in the rock garden is an ideal place for their growth, but this location is usually so far away from the front door or any of the paths used in Winter that they are not seen as often as if they were planted nearer the house. Keep these plants away from the hungry and thirsty roots of large shrubs or trees that rob them of nourishment and crowd their growing.

There seems to be a great difference of opinion as to whether the Hellebores like an acid or an alkaline soil. The finest one I ever saw was grown in a tulip bed where a quantity

of raw bone and little lime was used. And we know that those growing wild in Switzerland are found in the limestone sections. They will grow, however, where the soil is really acid but then the flowers are smaller, the stems shorter, and the growth slower.

Give them shade in Summer and sun in Winter and avoid a situation that is very dry. When planting add a liberal amount of well-rotted manure for its moisture-holding capacity. Raw bone is a good food, because of its alkalinity, and sand or coal-ashes will lighten the soil and allow air to get to the roots. In the early Fall, when the buds are just forming, and in the early Spring, when new leaf growth is starting, a feeding of weak manure water or of some complete fertilizer (5-8-7) will pay.

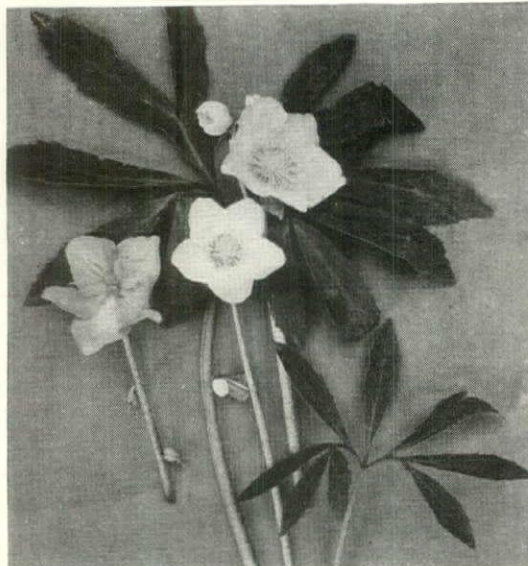
Propagation is by division of the parent plant. Pull the divisions gently apart to make plants of any desired size. Be sure that each section has at least one green leaf, and as these are few this will have to determine the number of young plants to which you are limited. Propagation by seed is very slow and not often successful even when undertaken by an expert. Only fresh seed will germinate. Sometimes under ideal conditions, when the seed pod is ripening, the stem grows longer and bends with the weight of the seed until it touches the ground. In this way the parent plant sows its own seed.

JULIA A. LATIMER



Arrange a collar of leaves around the Christmas rose or box them with a small frame to prevent the flowers being splashed by mud

The Christmas rose has an exquisite structure of white petals held erect on fleshy stems. As it ages the color is apt to turn pink



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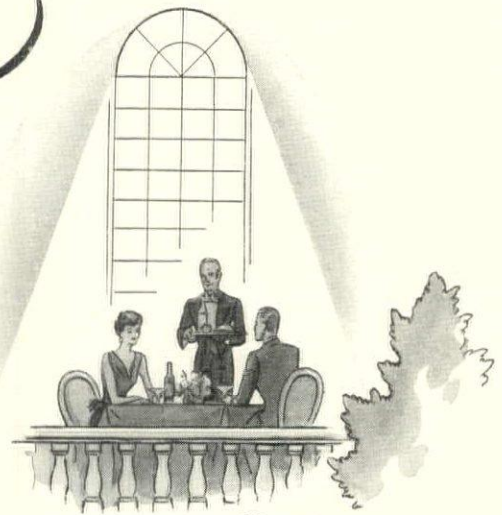
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GARDEN MART

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Early November is the best time to plant tulip bulbs. They should be set about four inches deep in well-drained, light soil, enriched with bonemeal. There is still time for peony planting. Good roots properly set now in the right location and soil should produce some bloom next year and make a really fine showing the year after. The transplanting of the majority of deciduous trees and shrubs is another timely garden activity. Before cold weather, give all the rhododendrons a thorough soaking with water and then put on a good mulch of peat moss.

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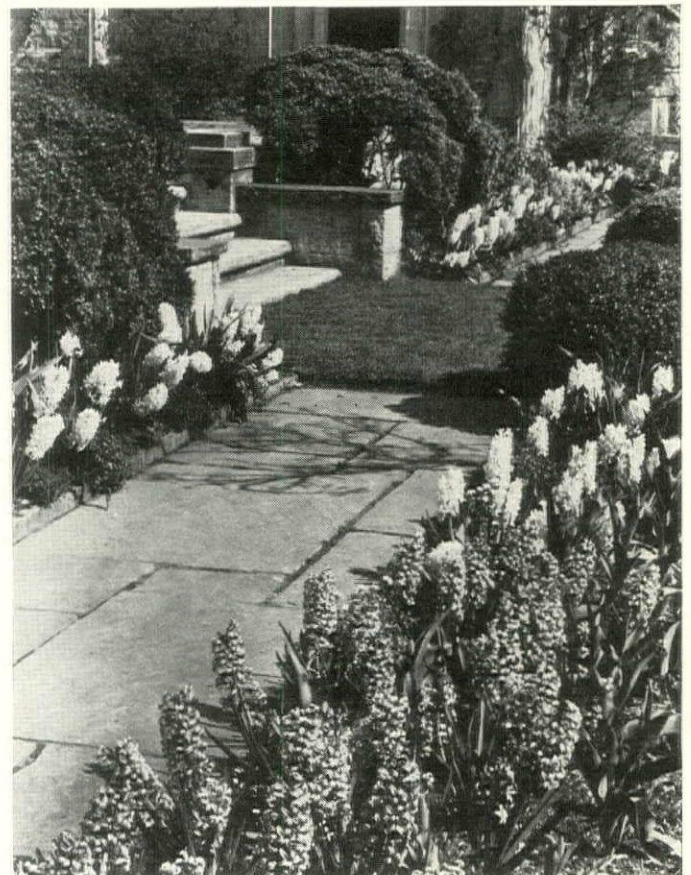
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REVOLUTION IN FLOWER ARRANGEMENT

(CONTINUED FROM PAGE 39)

flower arrangements has naturally been tried. Surrealism fortunately finds small scope on dining or living room tables.

But an arrangement of toadstools on a luncheon table was certainly an approach to this form. It was tried out, with some trepidation, by a tireless experimenter last Fall. Time, plus the most delicate handling, was required to carry out this scheme. Hours of searching over a large area of woodland with careful poking under fallen leaves.

No color camera or painter's palette could exactly reproduce the evanescent fleshy beauty of these fungi. Peach, coral, orange, mauve, purple, lemon yellow, dazzling white, deep brown, pale tan. Striped and dotted. Curious shapes—as large as a Jane Cowl dahlia, as small as a thimble. They were grouped on a bare, dark table in an oblong arrangement, filled in with porcelain colored *Ampelopsis* berries and their deeply-cut green leaves. Dull peach Italian service plates and pale blue glass were used to complete this striking decoration. Caution! A "time" element follows and quickly. These fungi collapse with great speed into a most unpleasant mass of pulp. Take them out before that happens. You can count on about thirty hours of perfection if you need that much time.

WHITE FLOWERS

Even the flowers grown in an ordinary cutting-garden today have taken on a trend. White rooms have become a platitude. Overdone, perhaps, in certain parts of the country, the West Coast in particular. But this universal use of white has done much to lighten both the house and the garden. A Grandmother gardener once said to her inheritors, "Always remember that white is the eye of your garden." The seed catalogues as well as the florist shops are flying white banners. We have a large selection of white flowers to work with, but a few have been overlooked by even the most devout Garden clubbers and flower arrangers.

In the early Spring, those of us who have old naturalized patches of bulbs can surely find the forgotten *Ornithogalum umbellatum* (Star of Bethlehem). Snow white and pale green stemmed. Crisp as a fresh apron. Dependable for a first white table. Lasts a week in the house.

For all-around Summer use, little used, is the *Vinca alba*. It has the luxury quality of a gardenia in both its shining dark leaves and wax white flowers. Used in a streamlined arrangement, with porcelain or silver figures, its architectural effect on the table seldom fails to bring exclamations of, "What is it?"

The Ismene lilies (Peruvian daffodil) are not used enough. They are easy to grow and make a superb white decoration, especially if combined with the graceful, fern-like leaves of *Polygonatum multiflorum major*, Solomon's seal. Don't let it get out among the Conservation Committees, but a woman was seen returning from a walk (on her own land), with an armful of cardinal flowers. She put them into a large vase of Ismene lilies, as accents. They carried the day for chic in her white room—became surprisingly modern.

COLOR COMBINATIONS

A white and silver arrangement that is rare because no one seems to grow *Actinidia*, that rampant Japanese climber, with pale, white silver coated leaves. It blooms in July. Its fruit flower, ranged along the stem, closely resembles an orange blossom. Used with *Lathyrus latifolius albus* (perennial sweet pea) that can be picked in long branches, it becomes a spectacular effect against a light wall. Anyone planning a July wedding should certainly rob an *Actinidia* vine.

In the Fall, after the last white flower is taken by frost, the *Artemisia* (Silver King) will carry a white and lasting effect into the house. It can be used successfully with the *Hetherdale celosia*, especially the silver-gold variety, that will often enough live up to its catalogue promise of being a shimmering plume of silver and gold. *Artemisia* can be the beginning and the end of a dozen striking combinations. Try it with zinnias.

Flower arrangements like any other art require time, study, patience. But, unless one is born with, or by some miracle of training has acquired, the acquisitive, selective eye that pounces upon the very right vine, shrub, vegetable or flower, be it found in rubbish heap or palace garden, any aspirant for generalship in flower arrangements is left far from the ranks.

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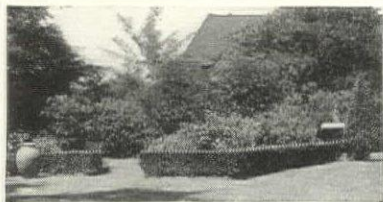
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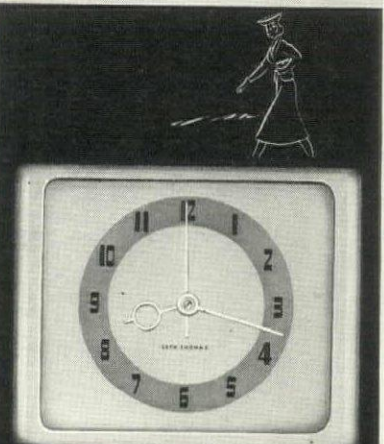
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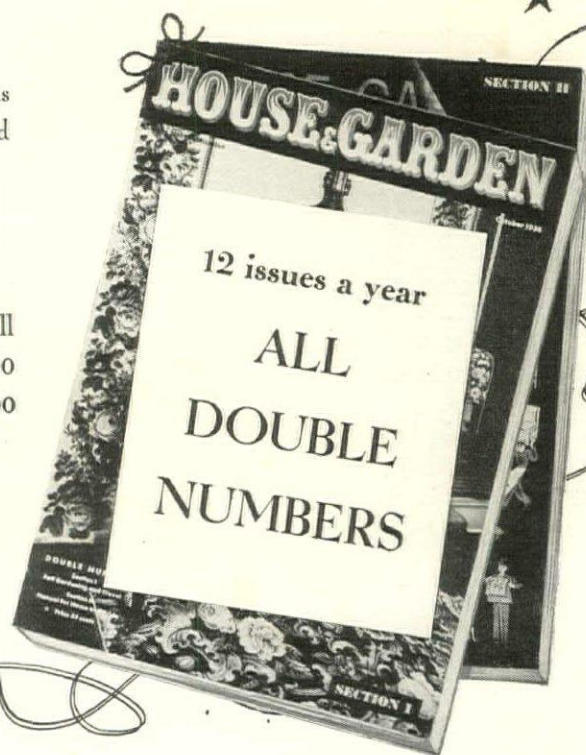
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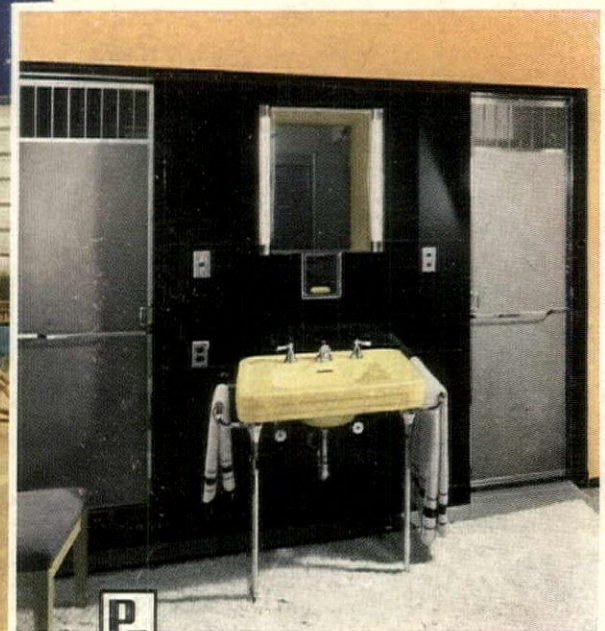
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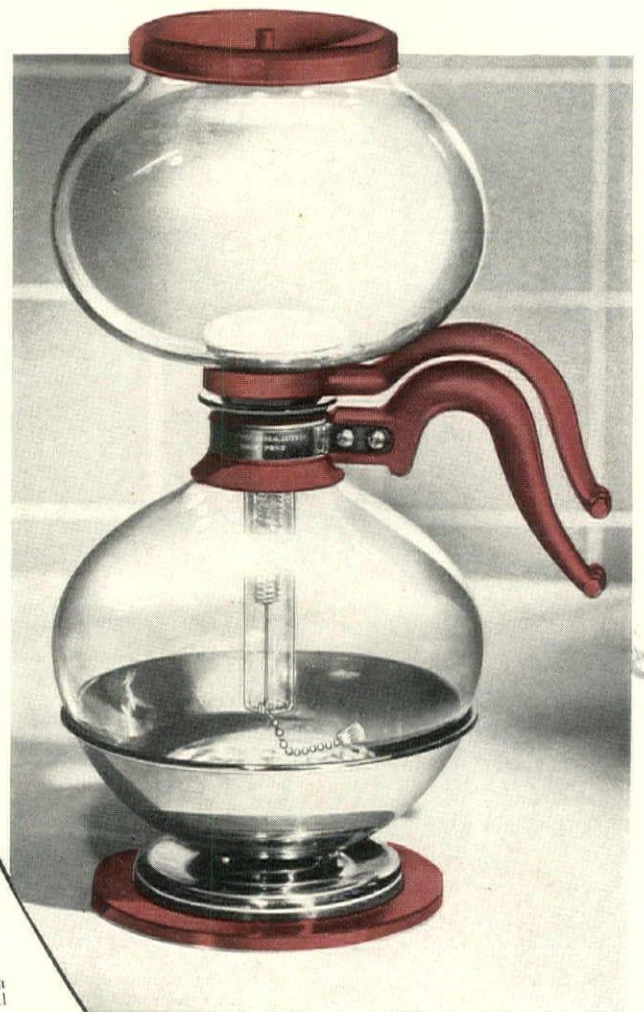
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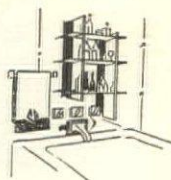


Delray 6-8 cup Model \$4.95,
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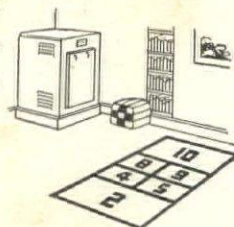
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"When we decided to build -

WE FOUND A WEALTH OF IDEAS AND INFORMATION IN THIS BOOK"



• "It's a wonderful book, this Home Owners' Catalogs. It came in the mail from a firm named Dodge while our architect was making preliminary sketches of our home . . . From that day to this it has been an inspiration and guide that has provided many practical ideas and helped us tremendously in the selection of building materials, equipment and furnishings . . . All through this house, from attic to cellar you have seen tonight many reliable manufacturers Home Owners' Catalogs these firms subscribe to free distribution of home which is why this book —not one penny! . . . And now it is part of our library—a book of memories—waiting until we or our friends embark on other building ventures." • Home Owners' Catalogs will be sent prepaid, by mail—without cost or obligation—only to those who comply completely with the restrictions given below.



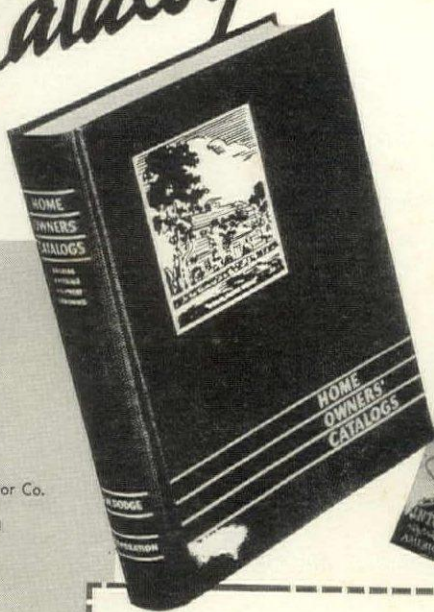
Home Owners' Catalogs

Published by
F. W. DODGE CORPORATION
 119 West 40th St., New York, N. Y.

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Combinations of the above firms' catalogs are included in each edition of Home Owners' Catalogs.



Complete sections from Home Owners' Catalogs—like those illustrated—provide comprehensive information on products and services, which is a reliable guide to the building of better homes—better equipped.



RESTRICTIONS—Home Owners' Catalogs will be sent only to owners who plan to build—or modernize—homes for their own occupancy within 12 months, east of the Rocky Mountains, costing \$4,000 or more for construction, exclusive of land. Every application must be accompanied by a personal letter giving (1) description of proposed home, (2) when you will build, (3) location, (4) expected cost, and (5) name and address of architect, if selected. Every application will be verified by a Dodge representative.

F. W. DODGE CORPORATION, 119 W. 40th Street, New York, N. Y.

H. & G. 11-38

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BOOKLETS



Just write to the addresses given for any of the interesting booklets listed here and in Section I. They're free unless otherwise specified.

Building and Remodeling

GLASS in Your Home offers inspired ideas for the modern use of glass as the keynote of decoration and home design. Its suggestions are illustrated with examples of the work of noted architects and decorators, including many beautiful interiors in full color. LIBBEY-OWENS-FORD GLASS CO., DEPT. HG-11-38, TOLEDO, OHIO.

INSULUX GLASS BLOCK discusses the advantages of architectural glass that is adding new light and life to modern homes. It goes thoroughly into construction details, and suggests effective applications of glass bricks in a present-day home. OWENS-ILLINOIS GLASS CO., DEPT. HG-11, TOLEDO, OHIO.

PRACTICAL SUGGESTIONS for the Interesting Use of Paint and Glass in Your Home is a colorful book on modern windows—use of mirrors—beautiful kitchens and bathrooms—interiors that use color cleverly, exteriors effectively painted. PITTSBURGH CORNING CORP., 2392-A GRANT BLDG., PITTSBURGH, PA.

STAINED HOUSES contains helpful suggestions on the use of Cabot's Creosote and Heavy-Bodied Stains; describes their advantages for shingles and clapboards; and shows houses so treated. Of particular interest is the Collopping process by which the stains "give the effect of dyes." SAMUEL CABOT, DEPT. HG-11, OLIVER BLDG., BOSTON, MASS.

OLD ENGLISH THATCH describes the charm and lasting protection of an individual type of roofing, made of chemically treated Palmyra Reeds. This thatch, approved by the F. H. A., is now in its second year in the United States, and is said to have a rated life in England of 350 years. OLD ENGLISH THATCH, DEPT. HG-11, STAMFORD, CONNECTICUT.

NU-WOOD INTERIORS. Page after page of them, photographed from actual installations, suggest many ways to use this interestingly textured wall and ceiling board that takes the place of lath and plaster, or goes over old walls. It insulates, deadens sound, is fire-resistant. WOOD CONVERSION CO., RM. 113-11, 1ST NATL. BANK BLDG., ST. PAUL, MINN.

BETTER WINDOWS is a booklet about the modern Light Sealair Windows, with solid aluminum or bronze frames that will not rust, warp, swell, shrink or rot. As the many photographs show, they fit with beauty into any type home, Colonial to Modern. KAWNEER CO., DEPT. HG-1138, NILES, MICH.

THINGS You Ought to Know about Casement Windows. Here's an adequate study of steel and wood casements, and the importance of good hardware to ensure convenient handling of every window in the house. CASEMENT HARDWARE CO., 408-L, No. WOOD ST., CHICAGO, ILL.

MAKE YOUR HOME BEAUTIFUL with Curtis Woodwork, says an attractively illustrated and fact-giving booklet on doors of all kinds, windows, mantels, china closets, stairways—all correctly and beautifully designed to fit your building or remodeling plans. CURTIS COMPANIES SERVICE BUREAU, DEPT. HG-11M, CLINTON, IOWA.

RAYDIANT RADIATORS goes into detail about a new type of concealed radiator that supplies both convection and radiant heat—gives more heat near your feet—holds the heat longer—and can be used in mixed installations in which some rooms use conventional radiators. WEIL-McLAIN CO., DEPT. HG-62, 641 W. LAKE ST., CHICAGO, ILL.

COMFORT THAT PAYS FOR ITSELF is an efficiency story, showing in graphic pictures the actual savings brought about by treating your house to a heatproof, fireproof blanket of rock wool—and your family to greater living comfort in all seasons. JOHNS-MANVILLE, DEPT. HG-11, 22 E. 40TH ST., N. Y. C.

BURNHAM HOME HEATING HELPS will help you decide which type of heating system is best suited to your needs. It expresses an impartial view of the various types of heating systems and the burning of various types of fuel. BURNHAM BOILER CORP., DEPT. HG-11, IRVINGTON, N. Y.

HEATILATOR tells of a new type fireplace on the principle of the warm air furnace—to circulate heat throughout the room, instead of toasting your face while your back freezes. It is a form around which any sort of fireplace can be built! HEATILATOR CO., 492 E. BRIGHTON AVE., SYRACUSE, N. Y.

PLANNED PLUMBING AND HEATING starts with bathrooms and kitchens—their color schemes—their planning and the new type equipment to make them compactly efficient—and charming. To solve heating problems, it also shows modern boilers. KOHLER CO., DEPT. 3-R-11, KOHLER, WIS.

PLANNING the World's Easiest-to-Keep House, by Constance Holland, tells the story of the modern, drudgeless home every woman dreams of, with helpful information on the selection of your range, refrigerator, house and water heating units. AMERICAN GAS ASSN., DEPT. HG-45, 420 LEXINGTON AVE., N. Y. C.

HOW MONEL Can Modernize Your Home is a practical guide to kitchen modernization, with before-and-after pictures, and views of appliances now available with Monel parts—tables, ranges, sinks, washing machine tubs, and other shining, stainless equipment. INTERNATIONAL NICKEL CO., DEPT. HG-11, 73 WALL ST., N. Y. C.

THE DOOR TO A NEW LIFE offers a "lift" to invalids and older folk. It's an illustrated story of the Shepard Homelift, easily installed in any home, operating automatically and safely on any lighting circuit. SHEPARD ELEVATOR CO., DEPT. HG-11, 2429 COLERAIN AVE., CINCINNATI, O.

Gardening

SCHLING'S BULBS includes Tulips of all types—among them such colorful varieties as the Cottage Tulip, "World's Fair", and the Breeder Tulip, "Sonate". Narcissi, Daffodils, Hyacinths, Lilies and bulbs of all sorts for Fall planting are pictured and described. MAX SCHLING SEEDSMEN, MADISON AVE. AT 59TH ST., N. Y. C.

RHODODENDRONS for Your Garden charts 35 hybrids—exciting new and unusual varieties—and worthy favorites among the older types—with their colors, habits, blooming dates and prices. BOBBINK & ATKINS, RUTHERFORD 23, NEW JERSEY.

STAR ROSES describes and pictures in full color dozens of the most satisfying Rose varieties and a few carefully selected hybrids for Fall planting. CONARD-PYLE CO., DEPT. HG-11, WEST GROVE, PENNSYLVANIA.

WHY AND HOW to Prepare Your Garden for Winter explains the causes of "winter kill"—due chiefly to temperature changes during cold weather—and how you can prevent it by mulching with an insulating blanket of peat moss. ATKINS & DURBROW, DEPT. HG-11, 165 JOHN ST., N. Y. C.

WINTER MULCH gives the "whys and whens" of peat moss for winter protection of your lawns, plants and shrubs, with a detailed description of just what peat moss is, and how this light, durable, weed-free covering guards against alternate freezing and thawing. PEAT IMPORT CORP., DEPT. HG-11, 155 JOHN ST., N. Y. C.

Homefurnishings

NORTH STAR STORY is "a little book about wool, from the lamb's back to the finished blanket". It takes you round the world on a wool hunt, and into the factory to see North Star blankets made, dyed, pre-shrunk and flaw-tested. NORTH STAR WOOLEN MILL CO., DEPT. HG-11, MINNEAPOLIS, MINN.

RESTFUL SLEEP. Do you know why sheets often become too short? How to judge quality? How to make a bed properly, and to launder and care for linens? It's all told here by an expert. UTICA & MOHAWK COTTON MILLS, INC., DEPT. HG-11, 801 STATE ST., UTICA, N. Y.

"WHAT—NO SILEX?" asks the cook on the cover. And inside pages answer with a dozen electric table models of the new-type glass coffee maker, including one with automatic control, and a perfect buffet service with two elements, one to brew and one to keep warm. THE SILEX CO., DEPT. 50, HARTFORD, CONN.

WHAT'S NEW IN HOUSEWARES catalogs the very latest in equipment for kitchen, pantry, closet and bath, as well as a host of fascinating accessories for entertaining—all ideal as gifts and for your own home. Booklet G. HAMMACHER, SCHLEMMER & Co., 145 E. 57TH ST., N. Y. C.

HOUSEHOLD NEWS is the Fall edition of Lewis & Conger's catalog—packed with important household accessories—with equipment for smart closet—bathroom and kitchen wares—aids for Fall cleaning—things from the Sleep Shop—and a grand collection of usable gifts. LEWIS & CONGER, DEPT. HG-11, 45TH ST. & 6TH AVE., N. Y. C.

TABLE ELECTRICS by Chase is a compact little booklet describing the Table Chef, Snack Server, Table Butler, Buffet Warming Oven, and Coffee Maker Service (to mention a few)—designed to start you on a successful "cooking at the table" campaign. They're ideal Christmas gifts, too. CHASE BRASS & COPPER CO., DEPT. HG-11, 10 E. 40TH ST., N. Y. C.

Dogs, etc.

ABERCROMBIE & FITCH will send you a 64-page book for dogs... to guide you in the selection of food, medicine, clothing, harness, luggage, and all kinds of accessories and equipment... and to show you how to keep your dog in perfect condition. ABERCROMBIE & FITCH CO., DEPT. HG-11, MADISON AVE. AT 45TH ST., N. Y. C.

GLOVER'S DOG BOOK has been published to help you keep your dog in the best of health. There are 48 pages on breeding, feeding, bathing, and training; also an excellent reference chart of common ailments, the general symptoms, and prescribed cures. H. CLAY GLOVER CO., DEPT. HG-11, 462 FOURTH AVE., NEW YORK CITY.

SERGEANT'S DOG BOOK—fully illustrated—tells you how best to care for your puppy and full-grown dog. It describes the symptoms of dog diseases, and up-to-date methods of treatment. There are also chapters on feeding, grooming and training. POLK MILLER PRODUCTS CORP., DEPT. HG-11, 1324 W. BROAD ST., RICHMOND, VA.

ENGLISH SUPER SADDLERY is a very complete 80-page catalog of the fine imported equipment for which English craftsmen are famous. It also lists racing goods, stable supplies, medicines—even books for horsemen. Booklet No. 114, THE "LITTLE JOE" WIESENFELD CO., DEPT. HG-11, 112 W. NORTH AVE., BALTIMORE, MD.

"BUFFALO" Portable Fencing System describes a simple-to-set-up metal fence—ideal for country estates, suburban homes, and as yard protection for dogs, pets and poultry. The portable sections are easily put in place without tools! BUFFALO WIRE WORKS, DEPT. HG-11, 308 TERRACE, BUFFALO, N. Y.

Other Important Booklets

MUSETTE shows beautiful period console models of one of the new pianos that have helped to make America "piano-conscious" once again, by offering finer quality in a smaller instrument. WINTER PIANO CO., DEPT. 258, 849 E. 141ST ST., N. Y. C.

GOURMETS' BAZAAR tempts the epicure with a list of food rarities—imported cheeses, delicious biscuits, fragrant teas, matchless coffees, spices—that add zest to living. There are superb cooking and serving utensils, such as Crepe Suzette Pans and a Café Diable Set. BELLOWES & Co., DEPT. HG-11, 69 E. 52ND ST., N. Y. C.

THE SPOON is the Enemy of the High-Ball. A gay booklet of recipes and rules for mixing drinks—with news of Billy Baxter's bubbly, highly carbonated Soda that's *self-stirring*... and the story of his extra-lively Sarsaparilla and Ginger Ale. RED RAVEN CORP., DEPT. HG-11, CHESWICK, PA.

FOREIGN FOLK DOLLS is a catalog of character dolls worth collecting—dolls made and accurately costumed by natives in many exotic places—from Lapland to Bombay—from Ecuador to Jerusalem and all the countries between! KIMPORT DOLLS, DEPT. HG-11, INDEPENDENCE, MO.

HOUSE & GARDEN

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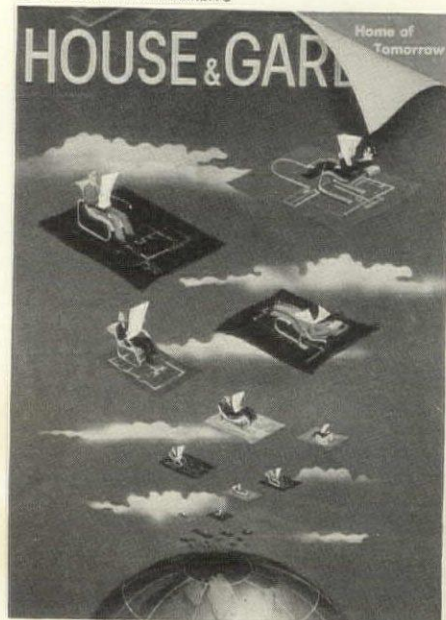
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COVER DESIGN BY GARRETTO



To help you build with foresight, **House & Garden** editors have carefully sifted every significant factor that promises to influence the **Home of Tomorrow**. In close association with experts from many departments of building and research, we have prepared a full report, presented on the following **36** pages.

MAN

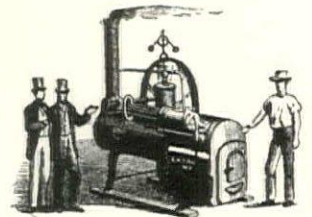
*is a mammal, warm-blooded and viviparous.
Intelligence distinguishes him from whales and apes.*



*Intelligence has enabled him to build up
complex civilizations. It has also enabled him to fell those
civilizations with increasingly complex engines of destruction.*



*But in the flux of history
inventive genius streams on unceasingly.*



*Mechanical inventions are reflected in the design of
shelter. So man has been led to expect ever higher
standards of comfort and convenience. But yesterday, today
and tomorrow, shelter must satisfy three basic needs:*

*Protection—against extremes of climate
and the encroachment of nature
and his fellow humans.*



*Privacy—(a more sophisticated form of protection)
for recreation and relaxation.*



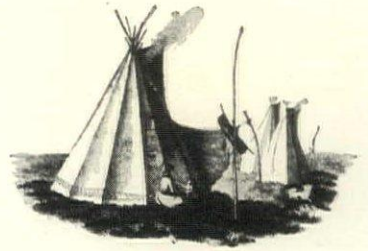
*Sanitation—cleansing and fueling the
human body. The most recently and fully satisfied
of the basic needs.*

*Shelter forms have been determined in the past
(and presumably will likewise be determined in
the future) in part by the materials available,
in part by the physical and cultural surroundings
in which the building is situated.*

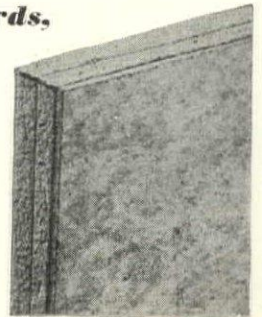
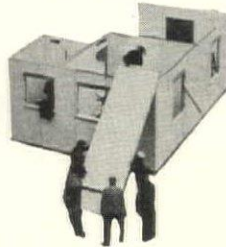


MATERIALS

To provide the protection and privacy which he desired, both for himself and his family, man first made use of natural materials in their elemental state.



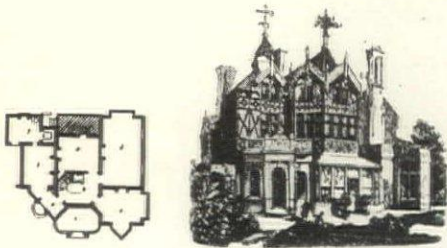
Soon these materials were skillfully regimented. Mud was turned into bricks, trees into boards, rocks into ashlar.



Today invention has made it possible to accomplish more complicated reformations of nature's elementals.

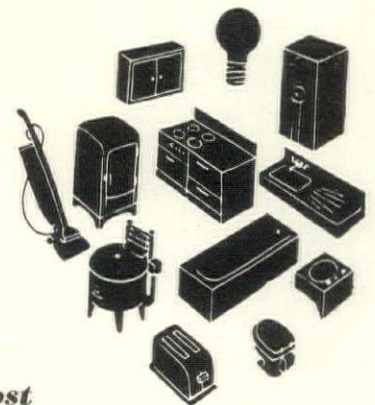
The resulting materials are more uniform, lighter and stronger than the elements from which they are formed.

These new materials have implemented that revolution in shelter design which was initiated by the development of central heating. Plan paralysis has been cured—Man dominates space.



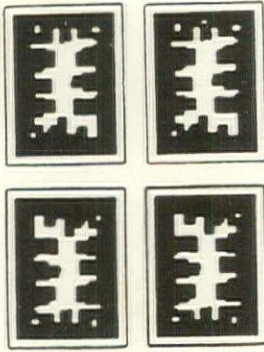
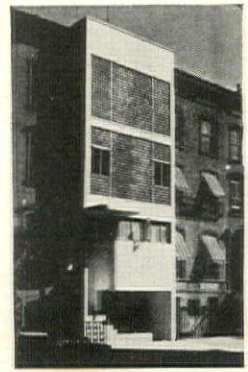
And so mere largeness and ornamental complexity is no longer an essential demonstration of wealth.

The walls, roof, floors and chimneys of a house now account for only 60% of its complete cost of construction. 20% of the cost is spent on mechanical equipment. This mechanical core becomes more complex, automatic, compact and essential.

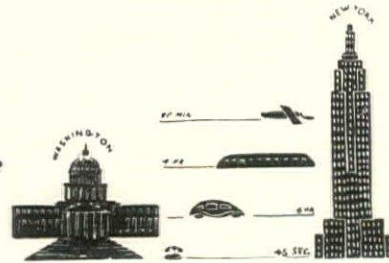


SURROUNDINGS

account in part for the shelter form. Extremes of heat and cold, badly designed cities pervaded by noise, dirt, and fumes—these necessitate control of sound and climate. Man dominates nature; it still remains for him to dominate his own creation—the machine.

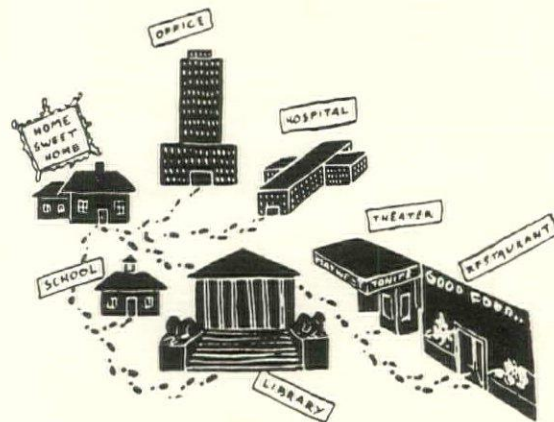


Transport is increasingly fast, comfortable and world-wide. The Home is measurable not in feet but in hundreds of miles.



Communication is even swifter than transport.

So the home, like the city, is becoming physically decentralized. More and more of its functions are being relegated to specialized buildings.



Socially as well as geographically, civilization is loosening up.



An increasing number of unemployed, shorter working hours and an aging population, all mean more leisure for more people.



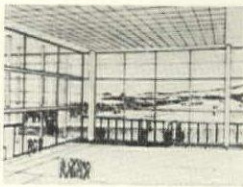
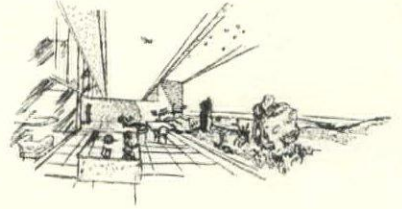
AND SO . . . WHAT?

What about the Home of Tomorrow

Will there still be individual homes satisfying the three basic needs of protection, privacy, and sanitation?

We believe so.

But we believe also that, with more complete mechanization, those needs will be satisfied more efficiently and at less cost and with less waste space,



And within decently planned communities with adequate communal space for more intelligent use of the increased leisure which will fall to the lot of all income groups.



TTHIS COULD BE DONE TODAY

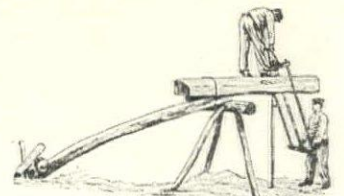
All that we have outlined above is technically attainable. It is held back only by economic and political conditions and by the normal lag of public opinion.



From the highways of the air we command a new perspective. Here are farmland and forest; here are rivers and highways; here is the planet EARTH. This is our canvas. On this we must picture tomorrow's home.

This canvas is not blank.

For more than 5,000 years man has been at work, thinking, restlessly searching out ideas and materials, building . . .



The Home of Tomorrow is already adumbrated in the Home of Today

Homes of Today

*Traditional design
plus modern equipment
is still the favored formula*



BALTIMORE, MD. T. WORTH JAMISON, JR., ARCHITECT



HARTSDALE, N. Y. BENSON ESCHENBACH, ARCHITECT



SCARBOROUGH-ON-HUDSON, N. Y. AUGUST VOLMER, ARCHITECT



BROOKLINE, MASS. RAYMOND STOWELL, ARCHITECT



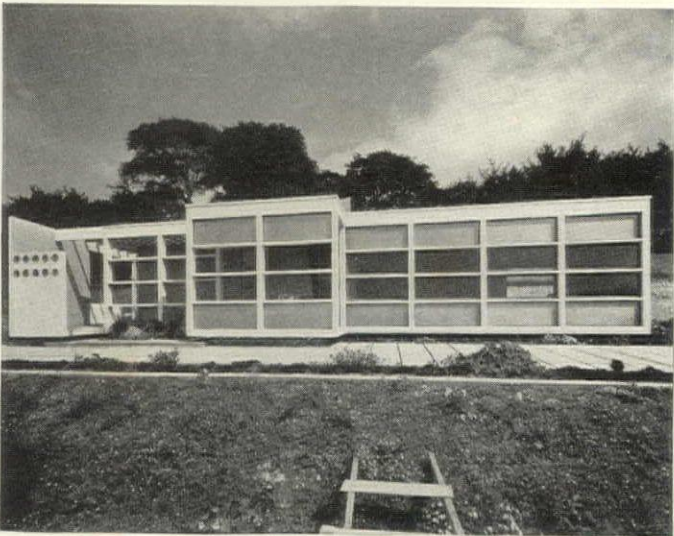
MASSAPEQUA, N. Y. RANDOLPH EVANS, ARCHITECT



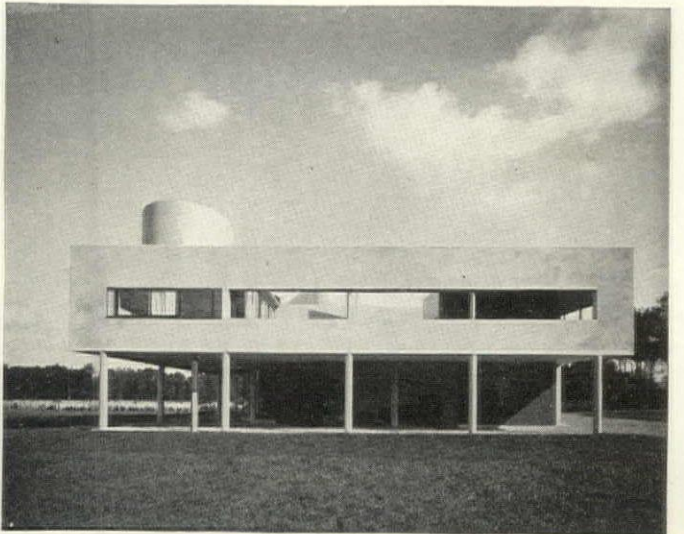
LOS ANGELES, CAL. RAPHAEL SORIANO, DESIGNER



WOODBIDGE, CONN. WILLIAM LESCAZE, ARCHITECT



WHIPSNADE, ENGLAND TECTON, ARCHITECTS



POISSY-SUR-SEINE, FRANCE LE CORBUSIER, ARCHITECT



BEAR RUN, PA. FRANK LLOYD WRIGHT, ARCHITECT

Modern design, involving new materials and technics, is gaining popularity

Homes of Today

*as exemplified by the Tugendhat House,
will bequeath to the Home of Tomorrow
their characteristic open plan*

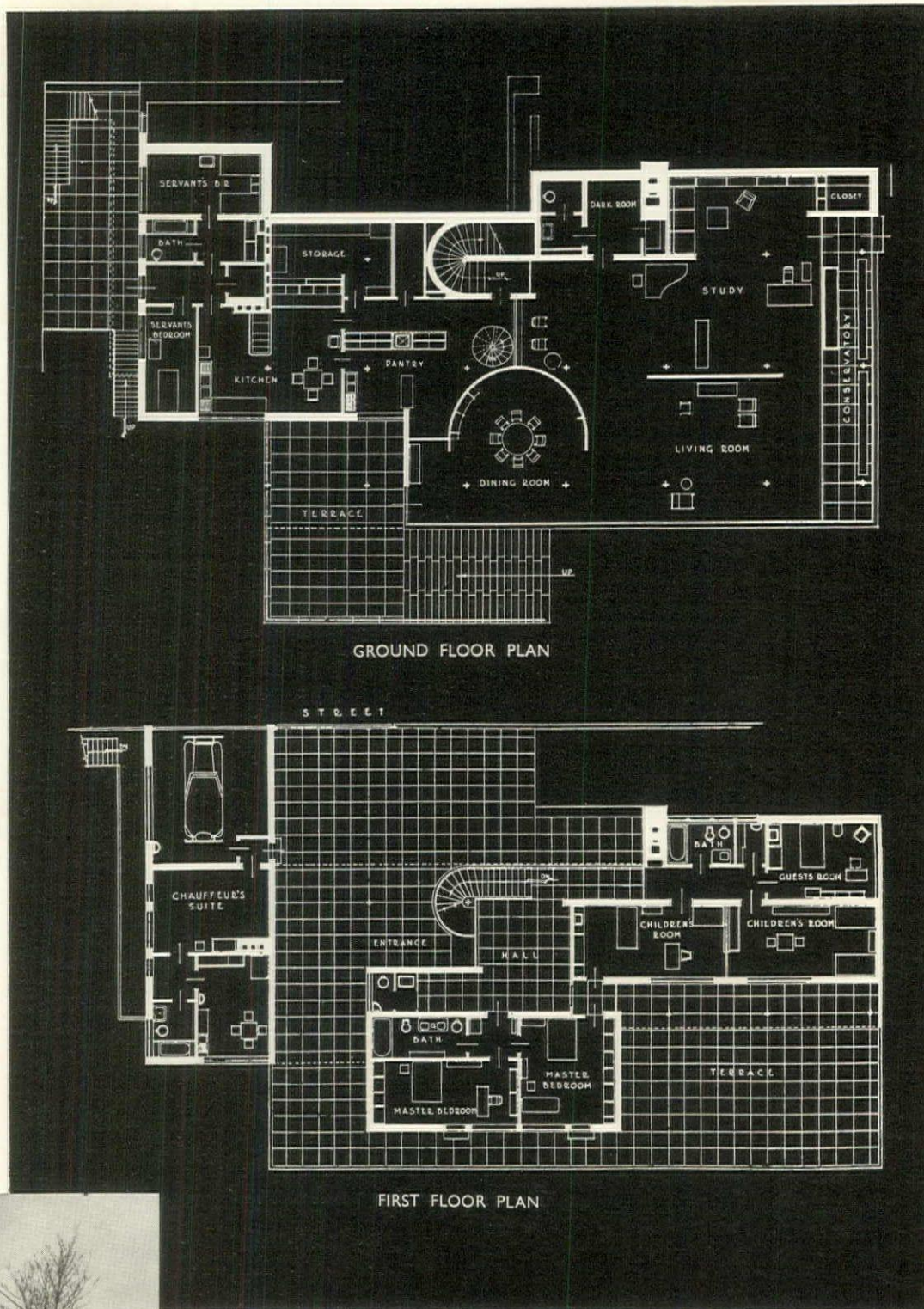
THE open plan is the outstanding contribution of modern architecture to the history of style. To give you some idea of its implications, we illustrate on these two pages one of its earliest and most complete examples—the Tugendhat House at Brno, Czechoslovakia, designed by the famous German architect, Miës van der Rohe.

The traditional plan is already breaking up under the impact of modern design. Even the traditional façade now often serves to hide the open plan characteristic of modern; for modern architecture has driven people to realize that in the long run plan and equipment may be more important than façade.

What the same people sometimes tend to forget is that no freedom of plan is possible so long as a predetermined façade fixes the size and position of doors and windows. The Tugendhat House, on the other hand, logically expresses the open quality of its plan on the exterior.

Central heating makes an open plan such as this possible, materials such as steel and glass make it practicable, the informality of modern living makes it desirable. Prophesying, we assume the open plan as inevitable in Homes of Tomorrow

BELOW: The house is built on a steep slope, so that the street entrance is at upper-floor level. The glass-walled living room and the sun terrace above turn their backs on the street front and look out over green fields



Designed by the famous German architect, Miës van der Rohe, the Tugendhat House was built eight years ago, yet its plan is more significant than that of many houses built today. Its outstanding feature is the immense open living area, articulated rather than divided by slight partitions. The house is built on a steel skeleton with columns 15 feet apart. The glass wall of the living room, being cantilevered from this frame, is uninterrupted by supporting pillars for, as a protective skin, it has nothing more than its own weight to support

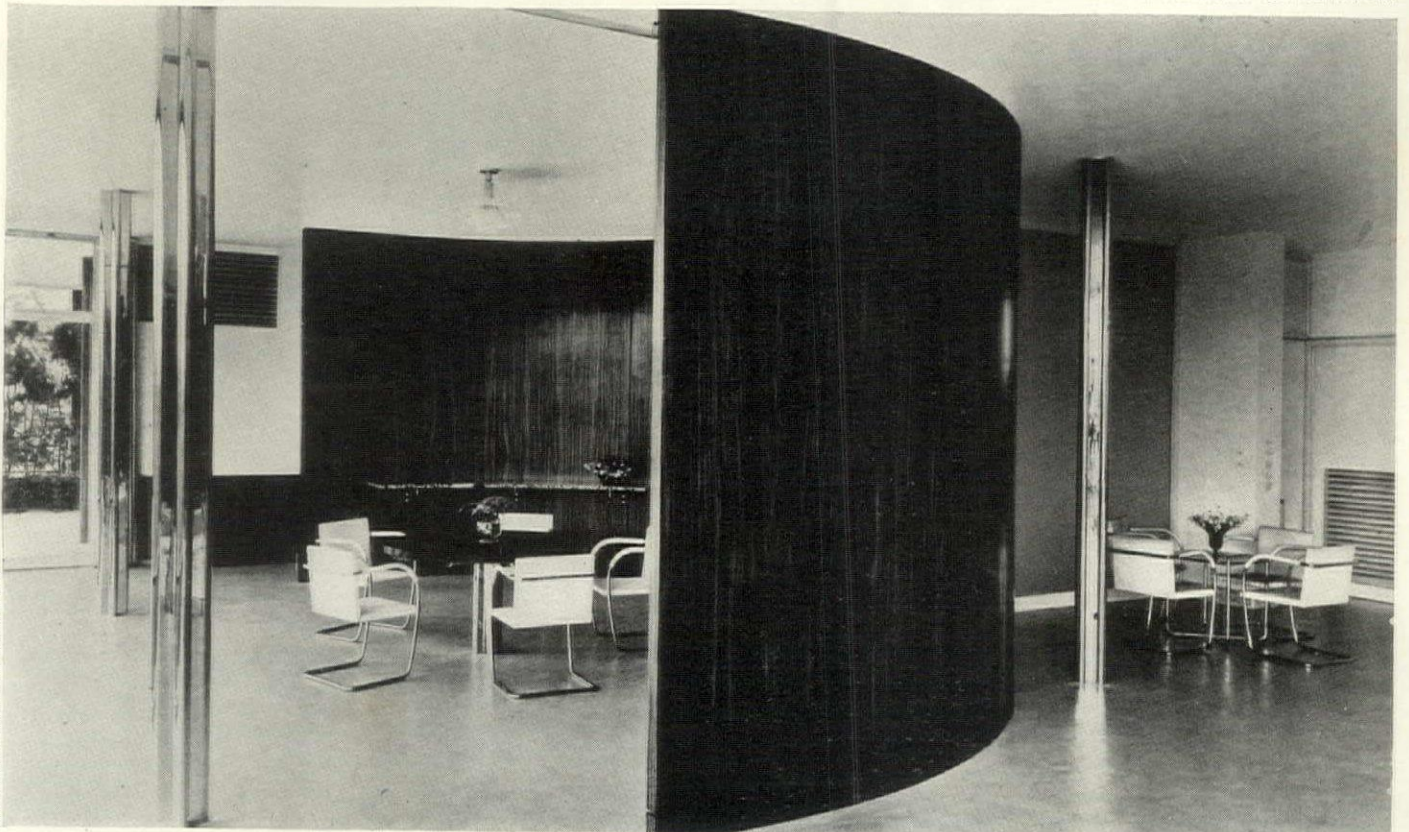


HEAVY CURTAINS ARE USED FOR PARTITIONING

The immense living space in the Tugendhat House is broken up by only two semipermanent partitions, a honey-colored onyx sheet marking the division between living section and study, and a semicircular panel of macassar ebony veneer screening the dining section. The divisions suggested by these screens may be made absolute by drawing heavy velvet curtains hung from the ceiling. The window walls can be lowered into the cellar at the touch of a switch, thus opening the whole room, like a sheltered porch, to the pleasures of open air and sunlight

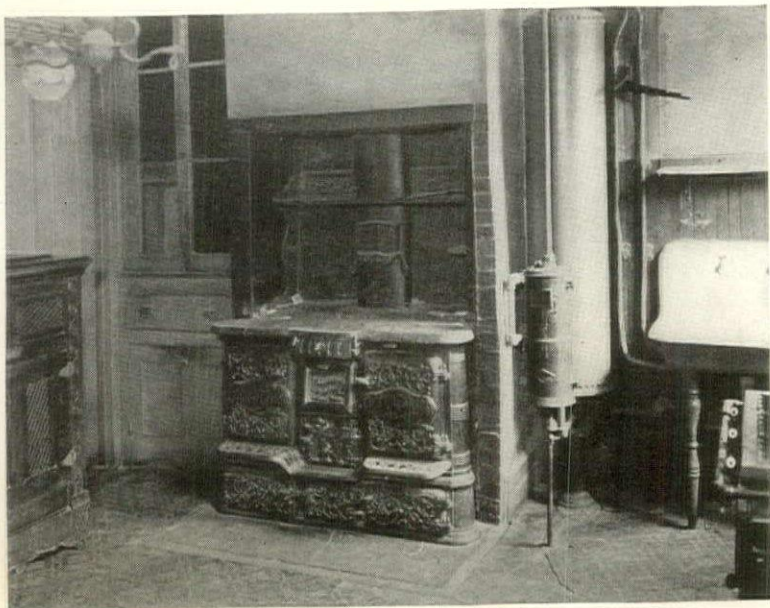


THE STUDY SECTION OF THE LIVING AREA IS FRONTED BY A SIMPLE CONSERVATORY



THE DINING SECTION IS SCREENED BY A SEMICIRCULAR PANEL OF MACASSAR EBONY VENEER

ALL PHOTOS: MUSEUM OF MODERN ART



Nor so very long ago, in a normally planned kitchen, stove, icebox, sink and water heater were inefficient and disintegrated units. Today, we have increased their efficiency and we are beginning to integrate their functions. Tomorrow this gradual integration process should be complete

Equipment

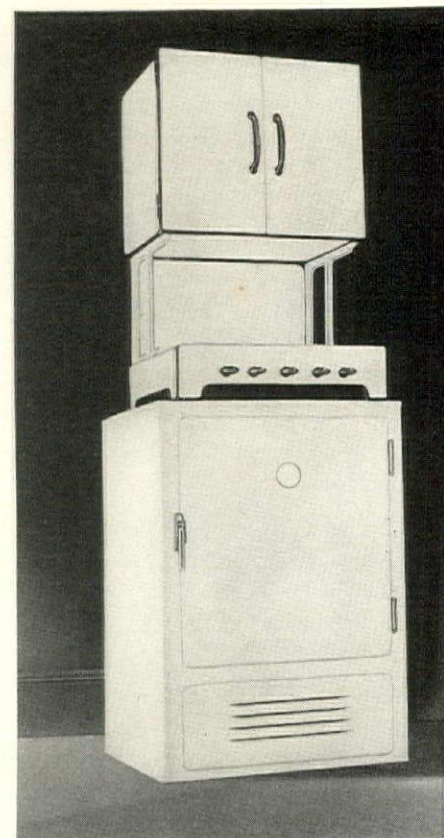
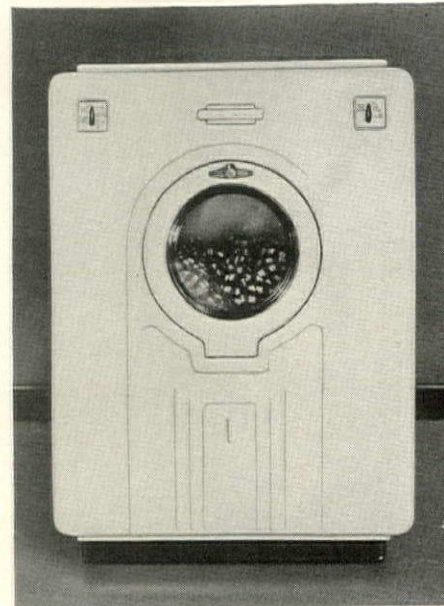
has become more efficient, and shows signs of becoming more compact, integrated and automatic



ABOVE: Equipment and storage space have already been reduced to a series of interchangeable, prefabricated units. Integration, carried one stage further, should reduce the number of necessary units and make the kitchen independent of partition wall support. General Electric

ABOVE RIGHT: The electric washing machine accomplishes automatically, within the space of a few cubic feet, a household chore which formerly demanded hours of physical labor and considerable space. Possible next step: a combined washer and automatic ironer. Bendix

RIGHT: The automatic refrigerator was a big step towards integration. It eliminated the labor and inconvenience associated with the supply of an icebox. Now gas refrigerator and range are combined to save space, may next be merged into a single unit. Servel-Electrolux



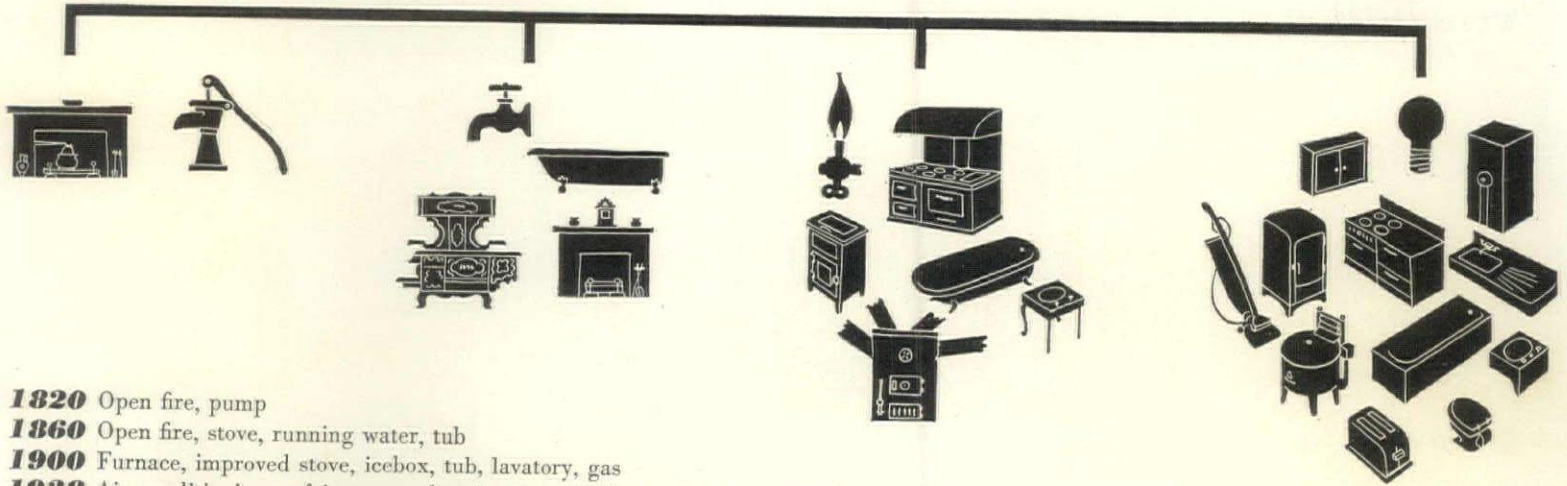
*The mechanical core of the house
has become increasingly complex and all-essential*

1820

1860

1900

1938

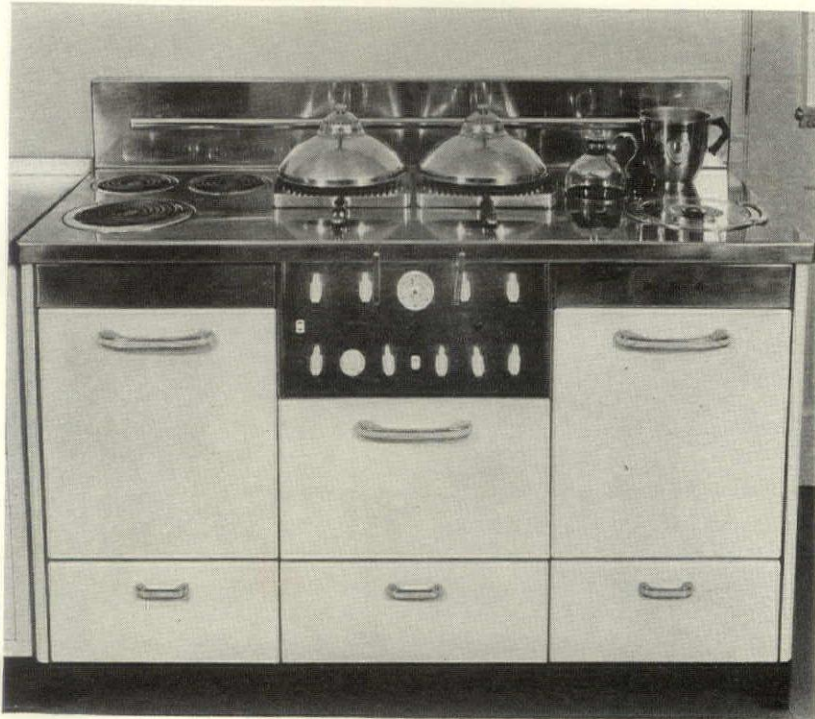


1820 Open fire, pump

1860 Open fire, stove, running water, tub

1900 Furnace, improved stove, icebox, tub, lavatory, gas

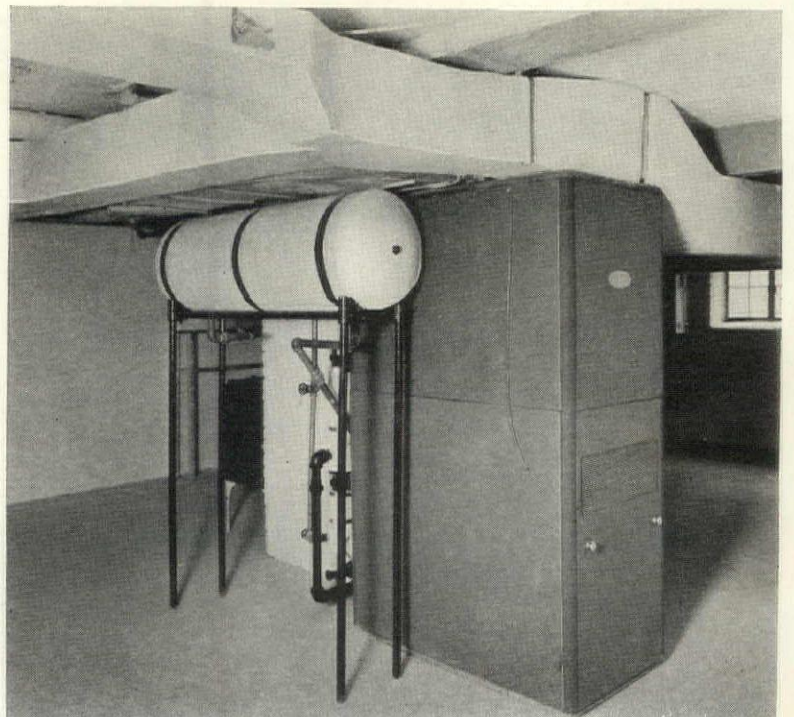
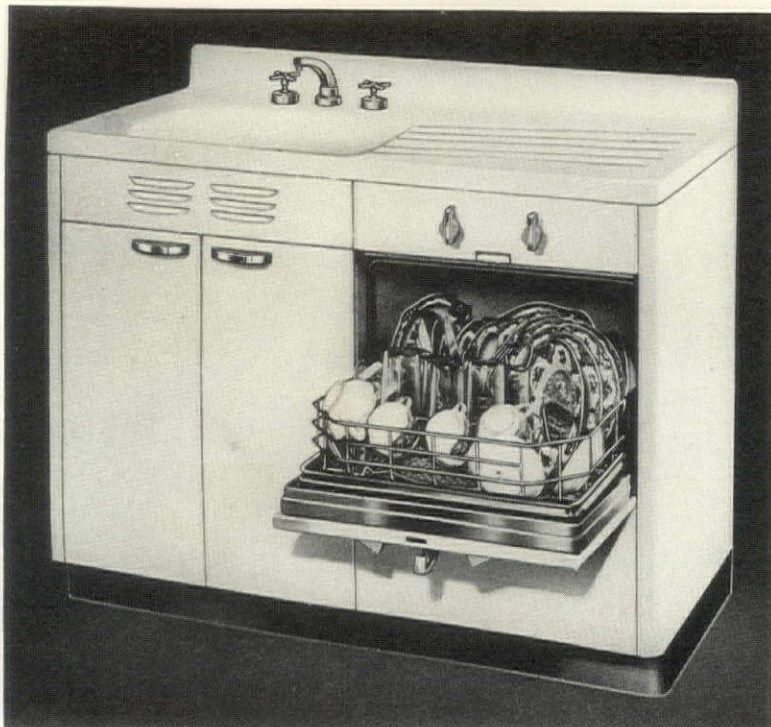
1938 Air conditioning, refrigerator, electric power, light, prefabricated kitchen and bathroom equipment, electric accessories



LEFT: This electric cooking machine combines in a single unit a complete range, two surface broilers with dome-shaped reflectors, a coffee-making machine, a mixing machine, an automatic toaster and a water heater. Specially designed and built by F. E. Wolcott. Silex

BELOW LEFT: The sink is becoming an increasingly complex and integrated unit. It now includes an automatic dishwasher, and a "Disposall" unit which grinds up all kitchen rubbish and washes it down the sewer, leaving only bottles and cans for removal. Hotpoint

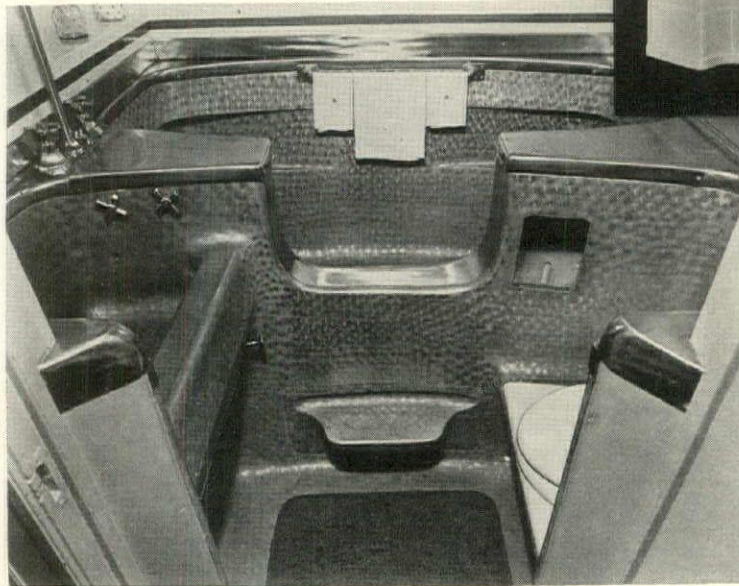
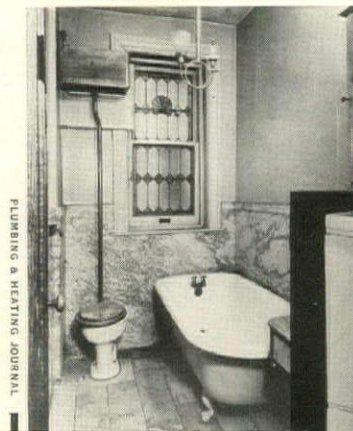
BELOW: This air conditioning plant, automatically fueled and adjusted, combines in a single unit all the functions formerly shared by open fires, radiators and fans. By the use of an air filter it also bars air-borne dirt, eliminates the necessity for constant dusting. Carrier



Equipment, faster than any other building factor, is being revolutionized by new ideas

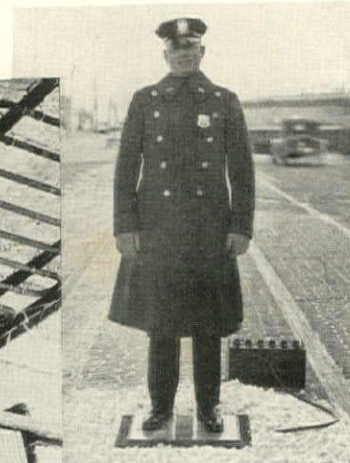
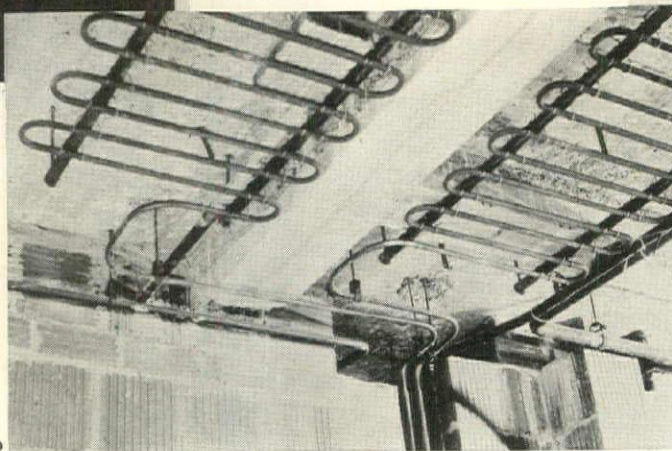
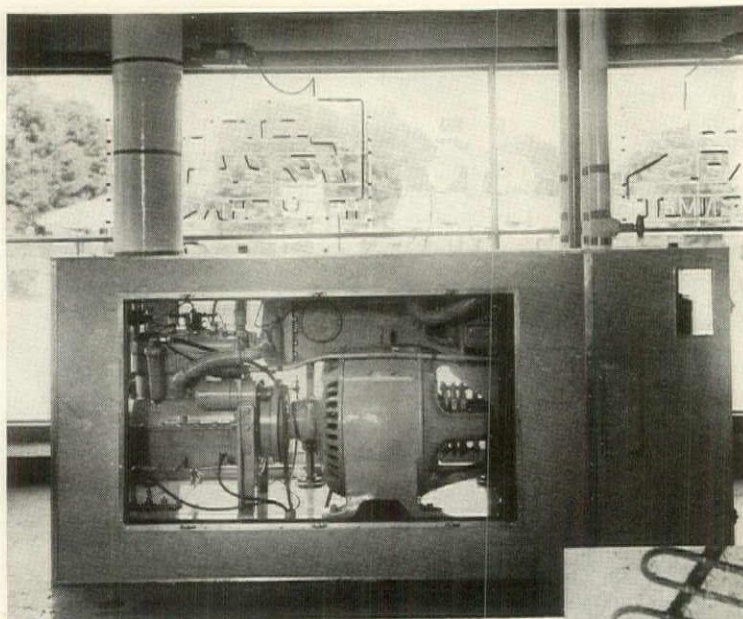
Integration in the bathroom

1. & 2. For several decades the only radical design change in the domestic bathroom has been the integration of the toilet and its supply tank. Crane. 3. Now the revolutionary "Five by Five" bathroom, designed by Buckminster Fuller, provides within an area of 25 sq. ft. a metal room containing a tub, shower, lavatory and toilet. This prefabricated unit consists of two large monometal stampings, weighs only 250 lbs. (as compared with the 1,000 lbs., average, of a comparable, standard tiled bathroom). Complete with fittings, it only needs to be hooked to water, drainage and electric outlets. As light and air are completely controlled, it needs no windows, may be placed in the inside corner of a bedroom, or in a large closet space

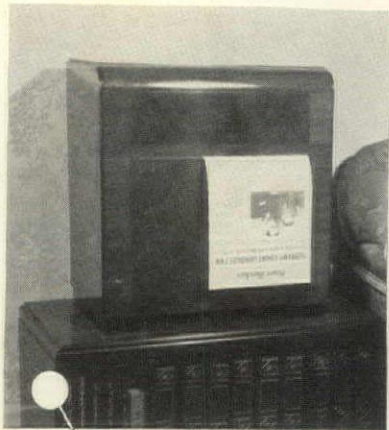


New economies in heating

1. The engine of this compact, automatic and economical unit supplies heat, light and power. By saving the heat usually dissipated in the cooling water and exhaust, more than 90% of the heat units in the fuel are delivered in the form of heat or power as the owner may wish, and at a fuel cost little higher than that of an ordinary furnace which supplies heat only. He-Li-Po. 2. Low-temperature panel heating will probably be more widely used in tomorrow's homes. The embedded hot water or electric coils (here shown in construction) are an invisible source of radiant heat, which, unlike convected heat, avoids stuffiness. Wolff & Munier. 3. In the future we may have electric elements in our clothes and warm up by plugging in



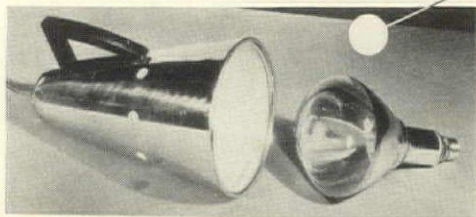
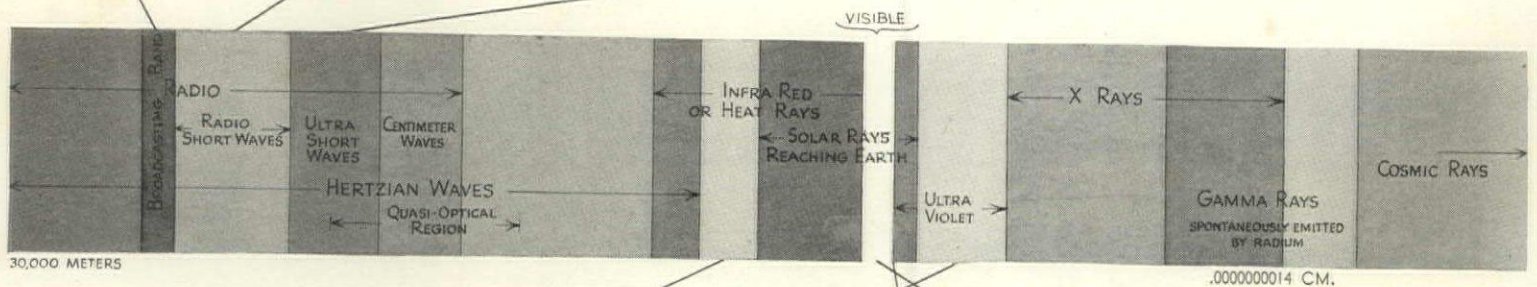
The radio newspaper receiver will print your paper while you sleep, give up-to-the-minute news stories. R.C.A.



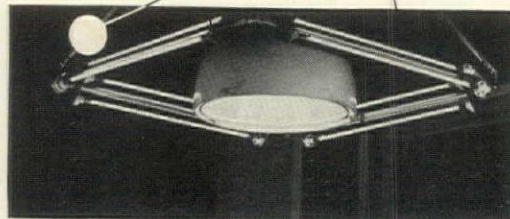
The Inductotherm, by the use of electromagnetic induction, produces fever. But it might be used in the future, embedded in ceilings, as a means of home heating. General Electric



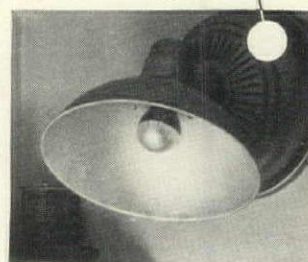
Television is just around the corner, will eventually enable you to see and hear news in the process of being made. R.C.A.



This type of lamp converts electric energy into hot, infra-red rays. It is designed for use in the destruction of dog fleas and moths, etc. Leray



Sterilamps convert electrical energy into cool ultra-violet rays, now widely used for many sterilization purposes. Westinghouse



A sunlamp can keep the advantages of natural sunlight on tap in the home. General Electric



Fluorescent coating on the inside of these lamp tubes converts ultra-violet rays into visible light of good quality. Westinghouse

Equipment related to the Ether Spectrum, which shows how light, heat and radio are at least first cousins

Shown on this page are a number of pieces of equipment, some of them in the experimental stage, which we think may play some part in the Home of Tomorrow. In relating this equipment to the Ether Spectrum, which runs across the center of the page, it must be remembered that in most cases these objects emit (or receive in the case of the radio newspaper and television set) rays over a wide wave band. For example, the electric stove is designed to emit a large amount of heat, but it also emits light. The incandescent electric lamp, on the other hand, is primarily designed as a source of light, yet only 7% of the energy which you feed into it comes out as light, the remaining 93% is emitted as invisible heat rays. The new fluorescent vapor lamps are cooler, convert more of the energy into good-quality illumination

Materials

*used in new ways
by industry, may determine
future residential design*

SHULMAN



THE MODERN CHARACTER OF THIS MUSIC ROOM RESULTS FROM UNTRADITIONAL DESIGNS, USING NEW MATERIALS. R. SORIANO, ARCHITECT

Building materials and design

A SIGNIFICANT and close relationship inevitably exists between building materials and building design. The familiar American skyscraper made its first appearance about 1890 as a result of a new material, structural steel. The architects of the early steel frame buildings, though still wedded to a classical tradition, attempted to express the nature of the steel columns by emphasizing the vertical elements in the exterior design. As the inherited precedent of age-old masonry construction gave way to a more rational utilization of the possibilities inherent in the light steel frame, the true character of the material emerged and a new architecture was born.

Numberless similar examples might be cited. The intelligent use of reinforced concrete, for example, in factories, grain elevators, warehouses, etc., has developed in these structures an admirable architecture characterized by the plastic quality of this material in its initial state and by the massive strength which it develops after hardening. Glass has become another major material in design, to the extent that we find industrial buildings and stores enclosed in great sheets of glass or by walls of glass brick. Here again, function suggested the use of a certain material and the design consequently reflects not only this function but also the inherent characteristics of the material itself, whatever these may be.

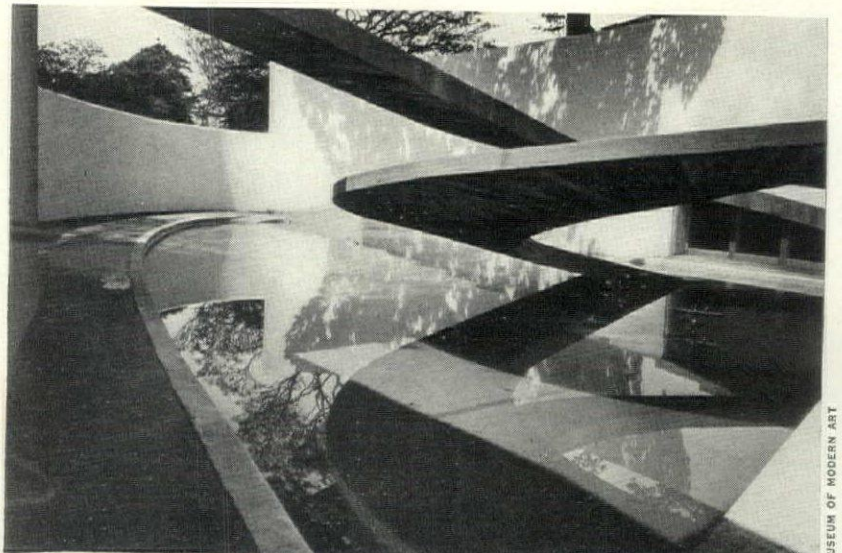
Curiously enough, this apparently logical method of attacking the problems of architectural design has, until recently, been much more in evidence in commercial and industrial design than in the design of homes. In the latter, function has been discounted to a degree in favor of traditional precedent, and materials have been denied that freedom of self-expression which they have enjoyed in non-residential design.

Obviously this condition could not continue indefinitely. The fruits of progress outside the home have proved too tempting to be refused admission. Having long ago accepted modern mechanical equipment as an indispensable part of our homes, we are now beginning to expand tentatively in the direction of modern materials intelligently employed for the construction of the home itself. In other words, our inherited tradition is only partly one of inherited architectural forms; it is also one of progressive acceptance and use of new ideas, new materials and forms, as these prove their superior worth.

We may therefore confidently look forward to a gradual "liberalization" of our residential design, first, because we properly demand that our homes function to our best possible advantage, and second, because the new materials and new forms which are the means to this end will inevitably lead us to a greater freedom of architectural expression and to the evolution of a sound and healthy new architecture.



STRUCTURAL STEEL HAS LONG BEEN A PRIME FACTOR IN INDUSTRIAL DESIGN



A PENGUIN POOL IN LONDON'S ZOO SHOWS WHAT MAY BE DONE WITH CONCRETE



THE DESIGN OF STREAMLINED TRAINS BEGINS WITH STRONG, LIGHT, STAINLESS STEEL

KERTZ

MUSEUM OF MODERN ART

BUDD MFG. CO.

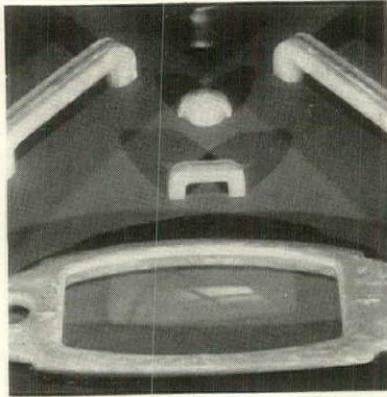
Materials

created by chemists.

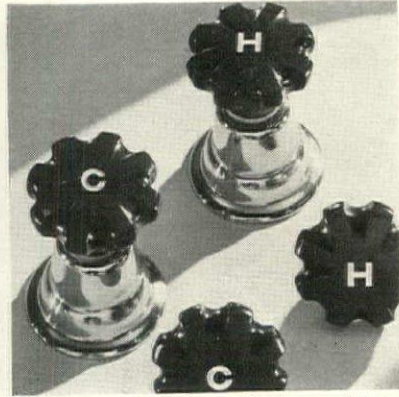
*An expanding world of synthetics
is supplementing nature*



From cotton, cellulose



From cellulose and nitric acid comes cellulose acetate. It is resilient and can be used to frame glass. Tenite



The same plastic may be formed into lustrous unbreakable faucet handles, horn buttons, or hair combs. Tenite



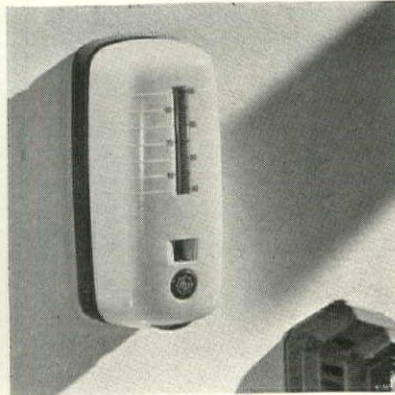
This lampshade made of thin wood strips in an open weave is covered with sheets of Plastacele. Parkwood



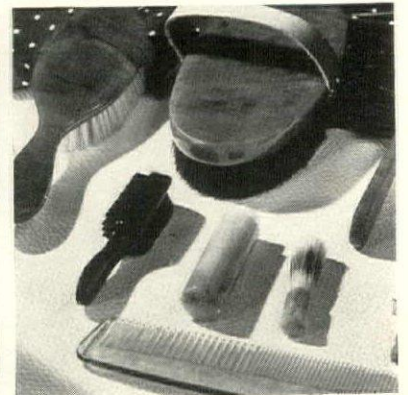
From coal, the phenolics



From carbolic acid (ex coal, via tar) and formaldehyde comes this laminated plastic table top. Bakelite



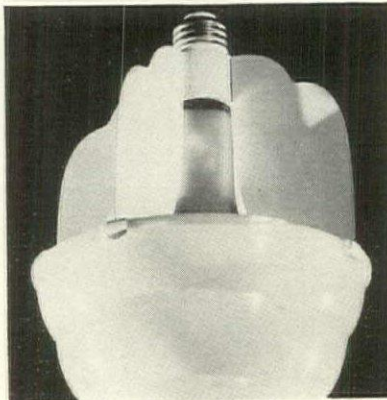
The molded case of this thermostat has a brown phenolic base and a top of ivory cellulose acetate. Tenite



Plastics is a young industry. Cast phenolics, in any color you choose, have only recently "arrived". Catalin



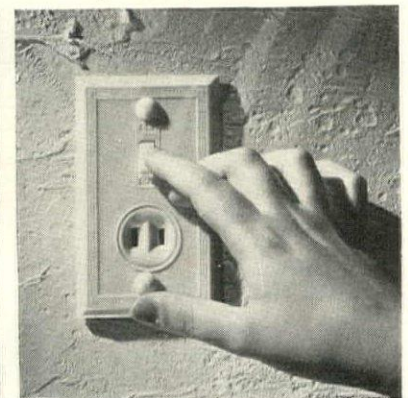
From the air, ureas



Mixing nitrogen and carbon dioxide with formaldehyde gives the basis for this translucent light shade. Beetle



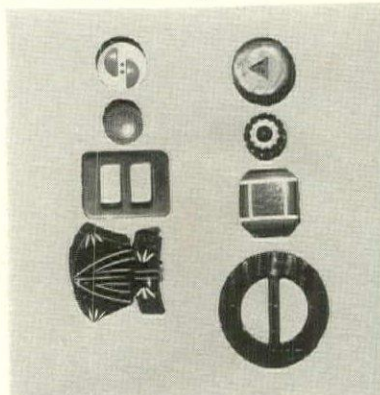
Large colored boxes, of complex form, can now be molded in one shot. This radio has push-button tuning. Beetle



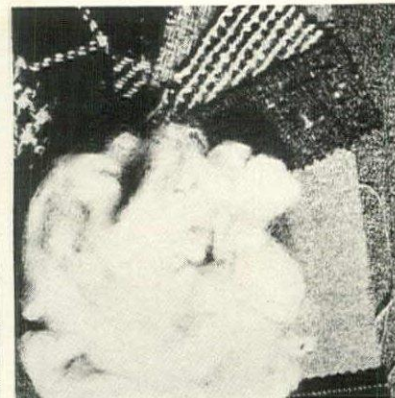
Colored plastics make it possible to fit electric switches and outlets into your own room color scheme. Beetle



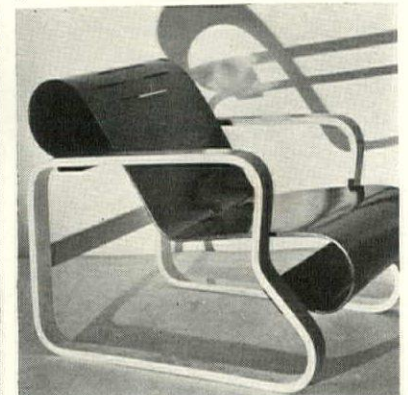
From milk, casein



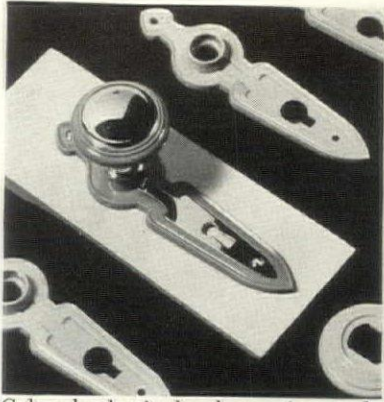
Sour cow's milk mixed with formaldehyde produces a hornlike material largely used for buttons and buckles



Casein may also be spun to produce synthetic wool which closely resembles the finest grade of natural wool



Casein glue made modern plywood feasible; plywood suggested this new chair by A. Aalto. New Furniture



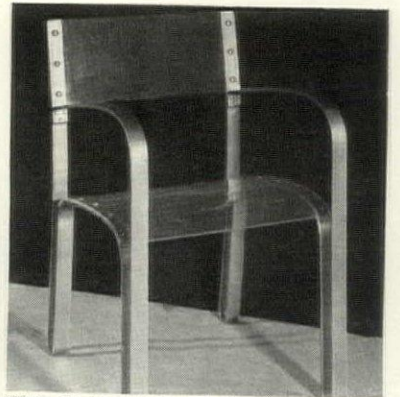
Colored plastic hardware is nearly related, chemically, to a photo film, safety glass and Cellophane. Tenite



Both plastic phone and rayon dress, though they appear quite dissimilar, are made of cellulose acetate. Tenite



Lucite, used in these coat hangers, is a new methyl methacrylate plastic as clear as quartz crystal. Du Pont



This lightweight chair, designed by W. D. Teague, has a seat and back of Lucite, an aluminum frame. Du Pont



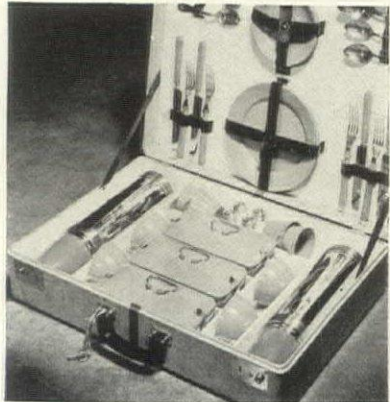
With translucent Venetian blinds of colored plastic, sunlight may be tinted to fit a color scheme. Bakelite



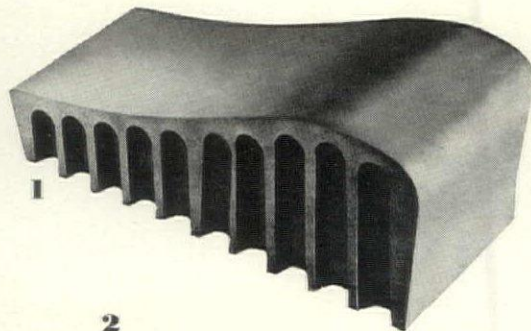
By way of the Radio Nurse's plastic mouth, nursery cries are relayed to parents in another room. Bakelite



Large sheets of plywood or building board, plastic-faced, may provide an inexpensive shell for future rooms



Lightweight and tough plastic ware is even now supplanting pottery in picnic and kitchen equipment. Beetle



2



3

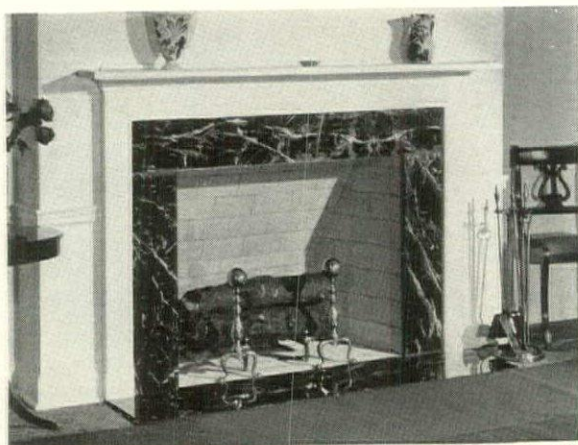
Other important new materials

1. Porous rubber upholstery eliminates the complicated process of chair springing. Dunlop. 2. Adjustable windows of Polaroid glass (on a Union Pacific car) give exact control over light. 3. Curtains woven of glass are fireproof, rotproof, in tensile strength exceed steel. Corning

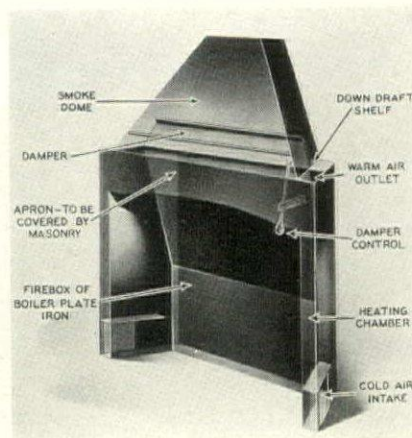


Prefabrication

*is already seeping into your home
by way of doors and windows*



Prefabrication has been a growing factor in homebuilding for some time. Factory-made trim, for example, helps to cut time and cost of work on the site. Curtis



One-piece metal fireplaces of improved type are prefabricated. The next step may be a metal chimney. Heatilator



Hardware, once made to order, is now available ready-made. Corbin

The Home of Tomorrow may be completely factory-built



E. F. HODGSON CO.

THE costumes of the ladies coyly posing in front of Camp Lotus (*above*) demonstrate that the prefabricated house is no infant. For Camp Lotus was hauled up to Maine in sections some forty years ago. Factory-made steel frames have long been in use for commercial buildings; and prefabricated units, illustrated at the top of these two pages, are standard products.

But within the last few years prefabrication has come to mean factory-built houses. This includes the panel house assembled on the site but composed entirely of comparatively large-sized, factory-made units. It includes also the house built complete in the factory, like an automobile, and then trucked to the site and lifted into place.

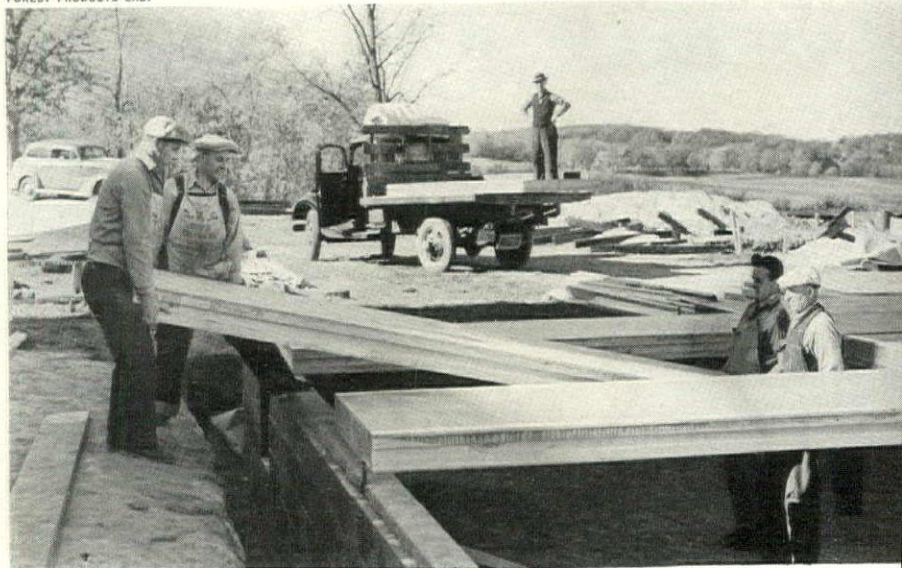
In last year's crop of single-family homes, less than two per cent were completely prefabricated in either of these two ways. And most construction systems of this sort depend upon a large output to show real economies over conventional building methods. But experiments go on, and prefabrication grows.

HOBART BROS.

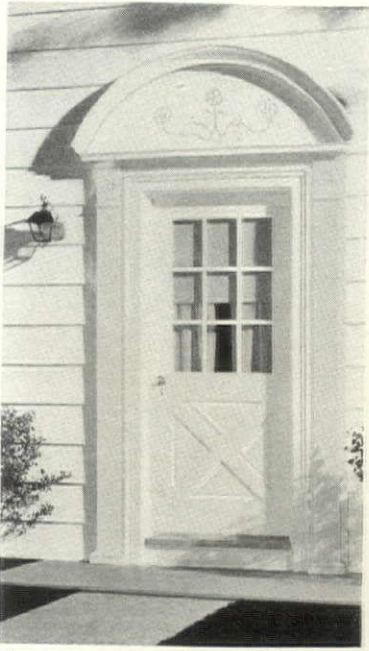


THIS WELDED METAL HOUSE IS BUILT ON AN ASSEMBLY LINE, LIKE AN AUTOMOBILE, THEN—

FOREST PRODUCTS LAB.



THIS WOODEN HOUSE IS COMPOSED OF FACTORY-MADE PLYWOOD PANELS—



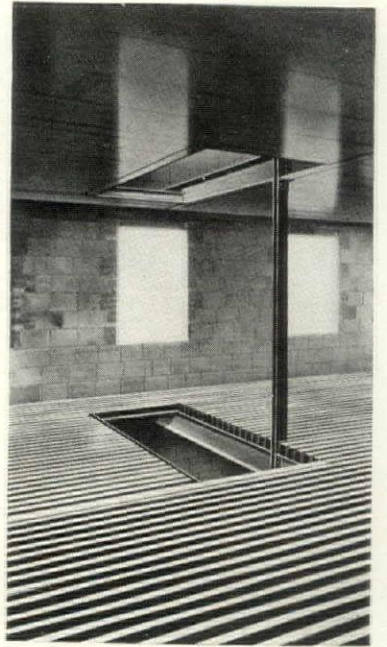
Doors are now sold complete with frame. The next step may be to include ready-fitted hardware. Curtis



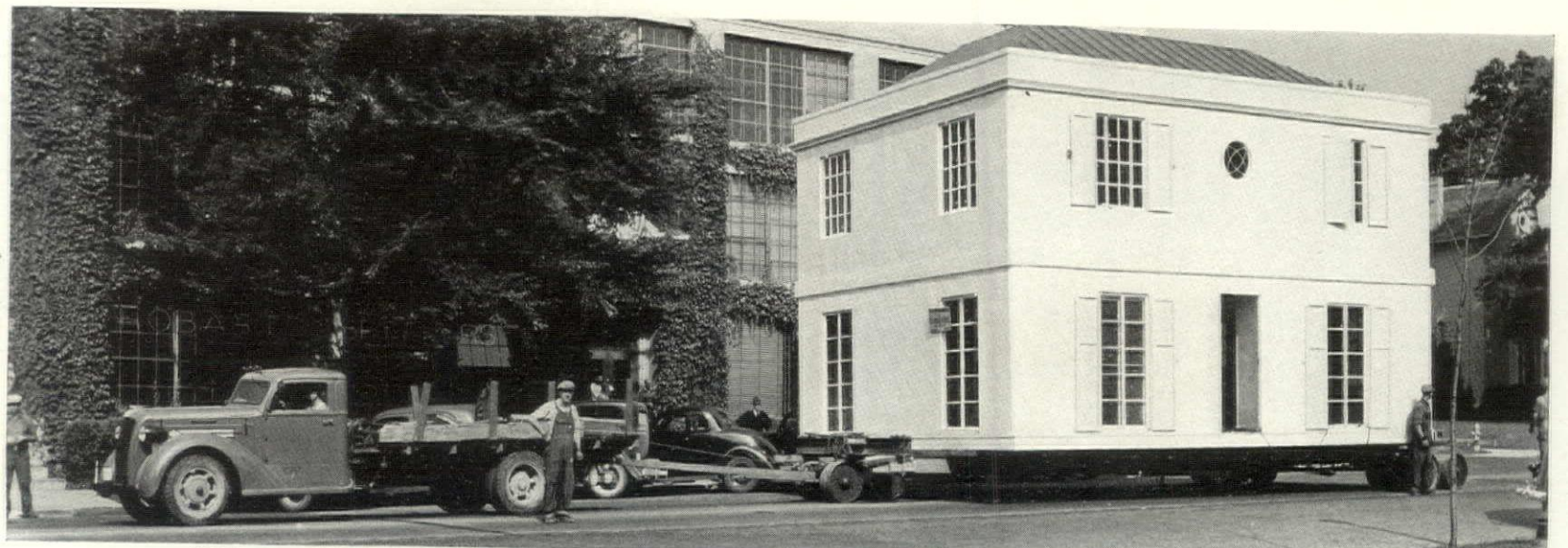
Flush plywood doors, and parquet flooring in large sheets are typical factory-made items. Johns-Manville



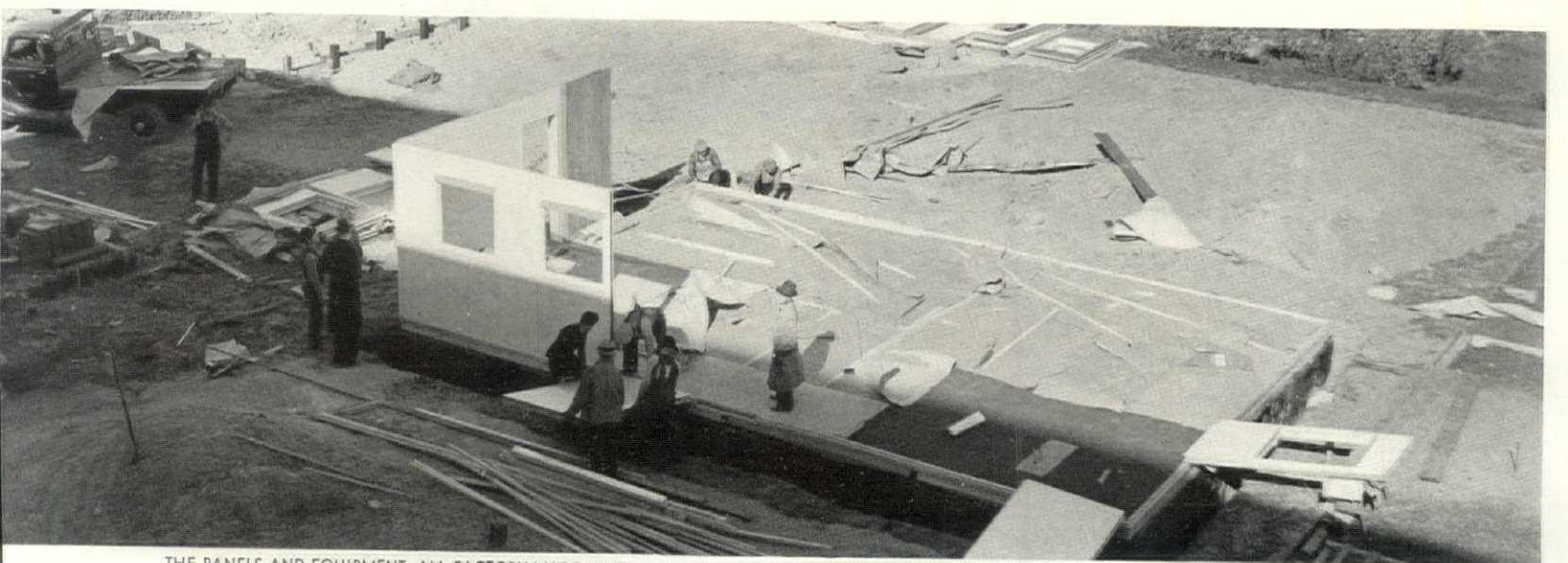
A prefinished metal window-unit complete with glazing, hardware and weatherstripping. Kawneer Co.



Steel floors in large units (quickly laid) provide a flat ceiling for the room below, are firesafe. Robertson



IT EMERGES FROM THE FACTORY A FINISHED HOUSE, WITH PLUMBING INSTALLED, PAINTING AND DECORATION ALREADY DONE, READY FOR TRUCKING TO THE SITE



THE PANELS AND EQUIPMENT, ALL FACTORY-MADE UNITS OF MANAGEABLE SIZE, ARE TRANSPORTED TO THE SITE, QUICKLY ASSEMBLED WITHOUT WASTE OF MATERIAL

Four Homes of Tomorrow

In the following six pages, four outstanding architects envisage for our readers the possible form and content of tomorrow's home

I. R. J. Neutra's Home of Tomorrow



Richard Joseph Neutra, 46, California architect, was born in Vienna; augur of logical modern, has built many experimental homes

IT IS Mr. Neutra's opinion that the dwelling of the future will be much more of an integrated industrial product than our present dwelling. And as such, the dwelling of the future will have to be most carefully designed for consumer acceptance. Failure to please or to function will spell the ruin of a large industrial enterprise; not just the ruin of a single contractor or architect.

As an industrial product this home of the future will be dependent upon a definite industrial process for its floor plan and appearance, its materials specification and equipment. So in order to present this home convincingly, we must give a synopsis of that process. We must go back to the chemistry of the raw materials used. Such materials govern the process of production and thus the type of the product.

The raw material for the house which Mr. Neutra envisages as the house of the future is diatomaceous earth, a substance formed of microscopically small shells a few geological ages ago in California and other places. This earth can be combined with various other materials according to the purpose which the finished material has to serve. Usually, however, it is combined with calcium hydrate, fibrous material, resin and a hydraulic binder. This Diatom composition is pressed into slabs and hardened under great pressure. Before hardening, the slabs are sprayed with an impervious, moisture-repellent surface layer which eliminates the necessity for all plaster work or other exterior finish on the site.

Diatom composition has many advantages. It is fire-resistant and can be worked almost as easily as wood. It has a low specific gravity and good insulation properties. In fact a thin double wall of this material is equal in insulating value to a 12-inch brick wall, though weighing only one-twentieth as much. Diatom is also strong (crushing strength 1,100 lbs. per sq. inch), but for structural members steel flat reinforcements are used, as they are in concrete.

This then is the material which would be used, and which, as you will see by the illustrations on the opposite page, has profoundly affected the general design of the house. One of the most interesting parts about the Diatom house scheme, however, is the man-

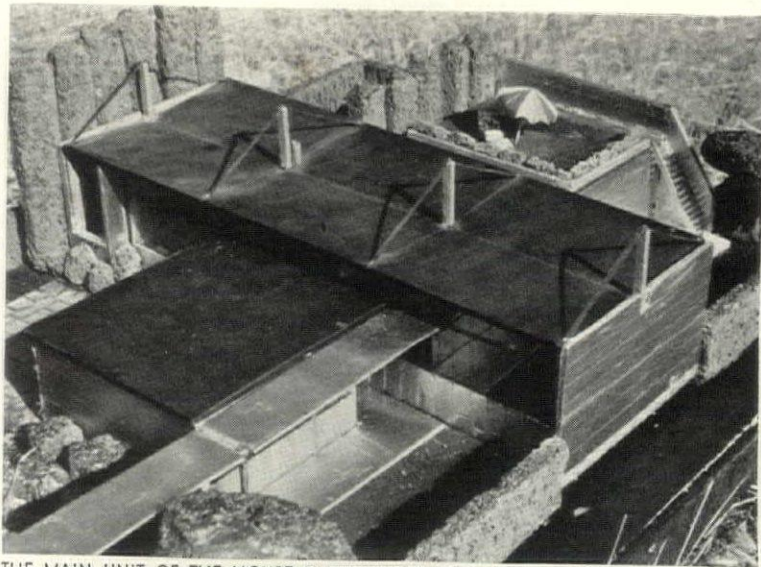
ner in which the house has been planned as a series of units to be added as more space is needed. The units may be grouped in many different ways. They may form a row of houses as well as individual dwellings.

The basic unit is the long *Corehouse*, its roof suspended from four columns running down the centre. The second unit contains a two-car garage with a trellised roof-deck, the third one is designed to provide for extra sleeping space; it contains three bedrooms and a bath. The overlapping roofs of the units fuse them into a single whole. The cruciform plan divides the outdoor living space into a protected patio for entertaining, a private garden which connects with the sleeping quarters, and a service yard on which the kitchen and garage open. Heating throughout the house is provided by radiation from metal panels set into the ceilings. Lighting both indoors and out are vapor tube lamps placed under the overhanging eaves.

Mr. Neutra has compiled data on the production cost which would suggest that the price of a *Corehouse*, plus garage unit, might be \$1,750. On the same basis, the third unit, to be added when more sleeping space was required, would cost \$425. These costs would include most of the furnishing.

Mr. Neutra's description of the Diatom House and its evolution is suggestive of the lines of reasoning along which most architectural thinkers are moving towards their various conceptions of the Home of Tomorrow. In general it may be said that these men have been spurred to invention by the plight of millions who are at present unable to obtain even adequate accommodation at a price which they can afford. Consequently their efforts, however widely they may differ in detail, are finally concentrated upon the eventual production of more desirable houses at a lower cost than anything available today for similar quality and size.

The enlargeability of Neutra's *One-Plus-Two* is a typical example of such attempts. On the succeeding pages you will see a cross-section of the efforts which are being made to discover ideas and construction methods by which your Home of Tomorrow will be much more efficient than that which you own today.



THE MAIN UNIT OF THE HOUSE IS SUSPENDED FROM FOUR PILLARS

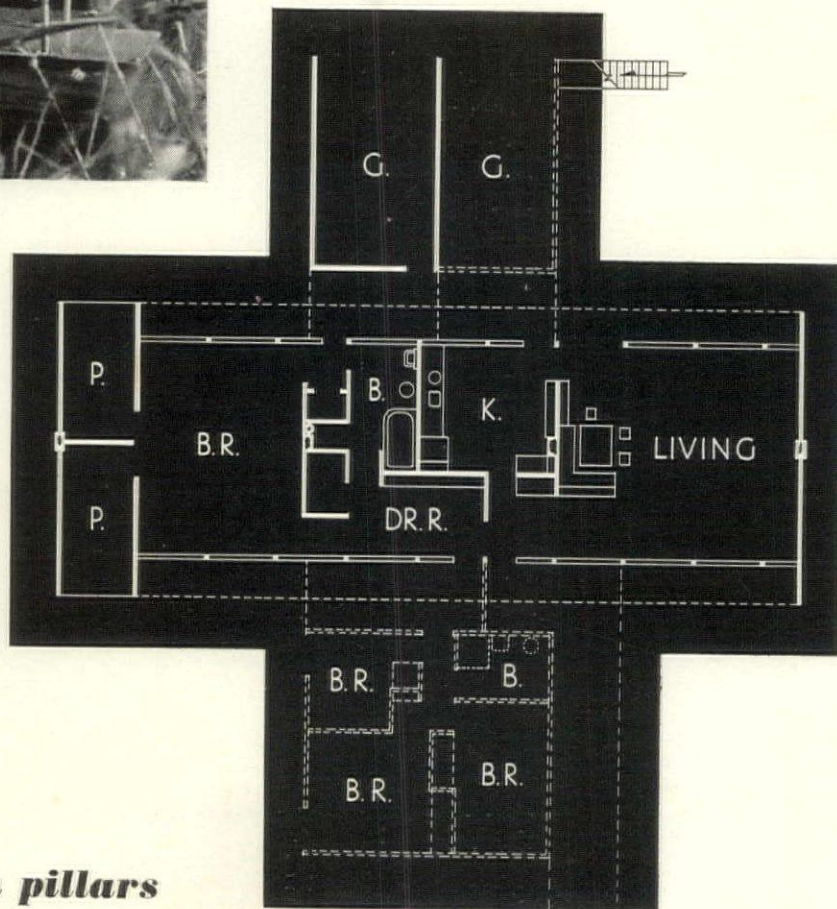


THE COMPLETE THREE-UNIT HOUSE IS CRUCIFORM, IN PLAN



ENTRANCE TO THE HOME IS BY A COVERED PATHWAY

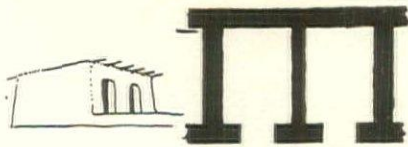
The *One-Plus-Two* house derives its name and the fundamentals of its floor plan from the idea that a house should be capable of expansion. This leads to the conception of the house as a series of interlocking units. The main unit consists of a living room, kitchen, bath, and bedroom with two sleeping porches. The two wings which complete the cruciform plan may be added later, if extra space is needed and finances allow. The unusual plan shape serves to divide the garden for outdoor living space



The *One-Plus-Two* house design, by Richard J. Neutra in collaboration with Peter Pfisterer, is constructed of lightweight, fire-resistant slabs of Diatom, a mineralized composition hardened under steam pressure. The weight of the house is borne on a series of four steel columns with precast concrete bases. This line of columns down the center of the house is a weight-bearing backbone

Neutra's house is hung from pillars

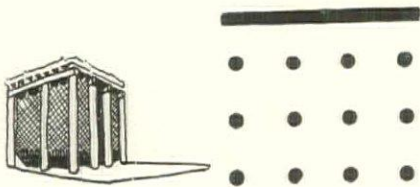
Plans: Past and Future



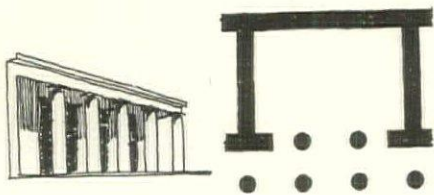
Nomads, in the dawn of history, built rude shelters of mud with walls three feet in thickness. Poles gave support to the mud roof



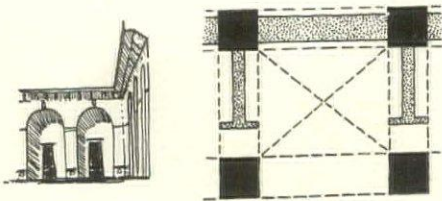
Assyrians, having carts and rollers, were able to build with large stones. Walls thinned to two feet; roofs showed almost no progress



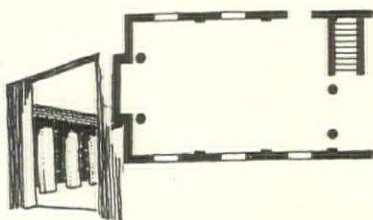
Persians, before the reign of Darius, substituted wooden posts for stone walls, increased the ceiling-height, initiated the "open plan"



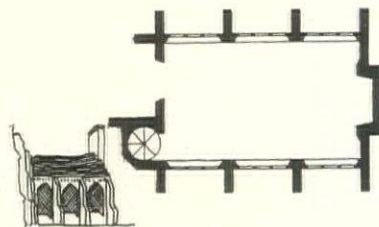
Greeks applied the principles of the wooden post and lintel, developed a great architecture in stone. Walls remained unavoidably massive



Romans perfected the masonry arch, gained plenty of floor space, but lost advantage by having to screen the broad openings with stone



Early Christians eschewed somewhat the Pagan arch, spanned the voids between stone piers with glass



Europeans, home from the Crusades, developed the Gothic arch, extended "walls" (buttresses) outward



Elizabethans solved their small home problem by means of a timber frame filled in with cheap masonry



Pilgrims labored with the whip saw, made planks to sheath their houses, introduced the all-wood home

2. William Hamby's Home of Tomorrow

He says the past prescribes the future



William Hamby, 38, New York architect from Kentucky; contributor to industrial designs, China Clippers—and houses

"OUR objective in designing this 'Home of Tomorrow' (shown on the opposite page) was to continue logically the trend of history, to anticipate the use of a new structural method, the refinement of plastic materials, and also to provide an arrangement which would make family life entirely simple and pleasant," writes Mr. Hamby, our second forecaster.

"The accompanying small plans, which show graphically the historical development of home-planning and the progressive trend towards thinner walls—as materials, methods and tools improved—speak for themselves. Therefore, we shall speak here primarily of the design and organization of our Home of Tomorrow.

"The plan consists of several individual rooms, combined with a large common room, and provided with the necessary storage compartments and a traffic shed for autos, and perhaps a family airplane.

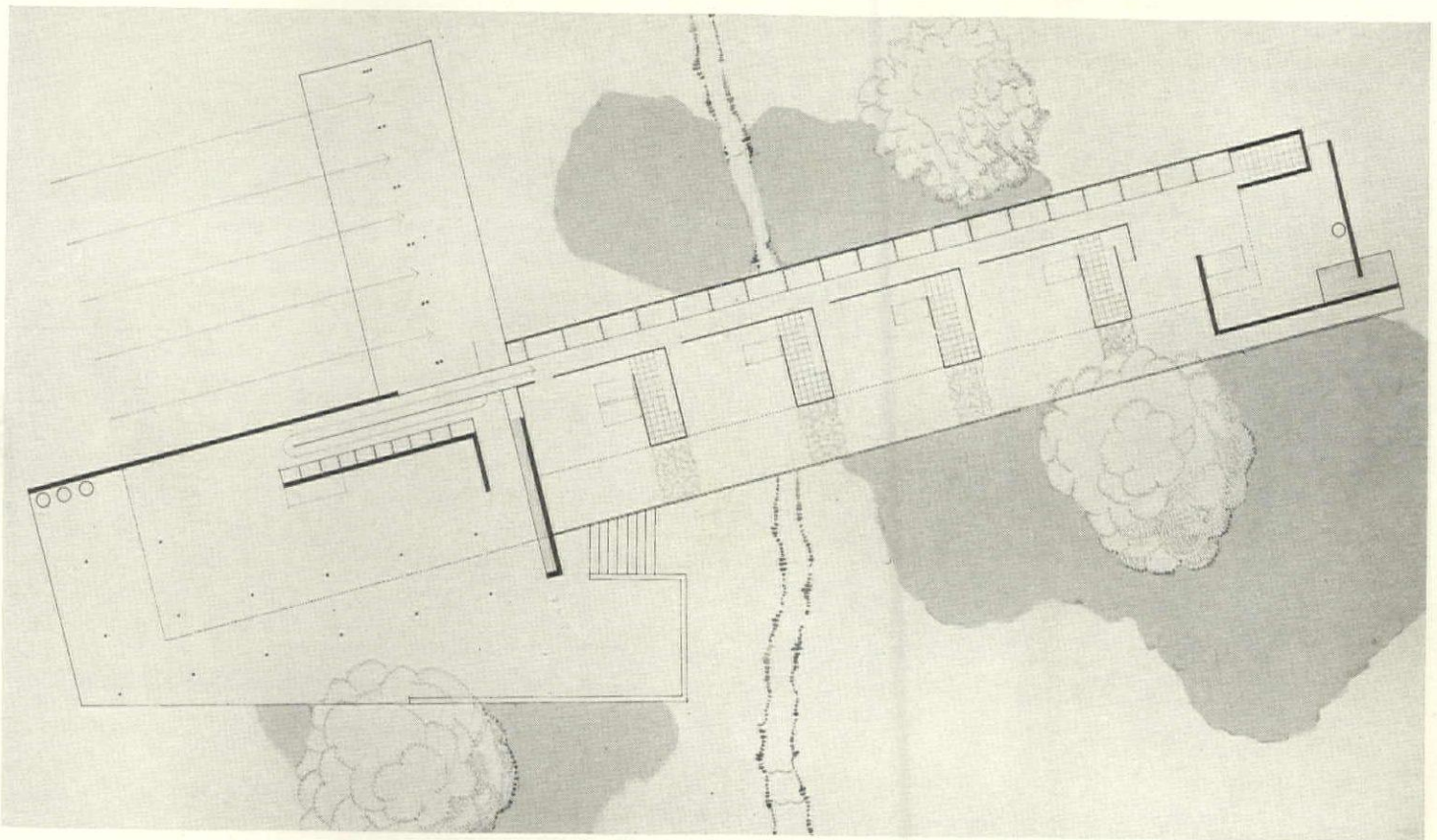
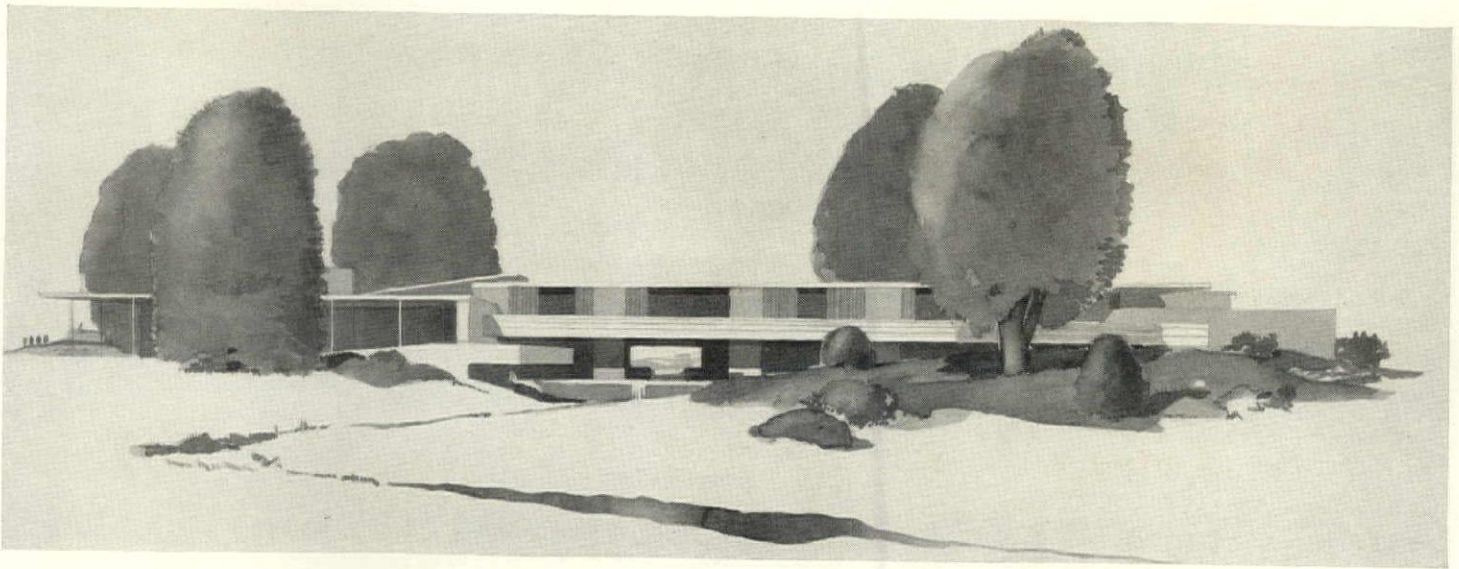
"The entrance to the house is on the ground level, slightly below the level of the common room, and under the long ramp which leads to the corridor flanked by private rooms and closets.

"Adjacent to each of the individual rooms, which are about 14 by 18 feet in size, is a cleansing area which not only embraces a bathroom and storage space for the individual's wearing apparel, but also an individual and completely automatic laundry and vacuum cleaner. The south wall of the individual's room is constructed entirely of transparent plastics, which will open the room onto a private terrace.

"It should be noted that the two rooms at the right end of the plan are connected and would be presumably used by the parents of the family. The floor of the end bedroom—the mother's room—extends out into a spacious walled garden or patio.

"Each member of the family will therefore have a little house of his own, which will be so complete that it would eliminate the necessity of having an elaborate arrangement of common rooms, such as libraries, studies, sewing rooms, breakfast rooms, etc. For the purpose of joint family activities, a large common area is provided at the left end of the plan. This room is an intimate part of the terrace and garden, but can be closed off by drawing curtains. In the center of this space is a fireplace, and to the right of the space is an area which should be devoted to eating.

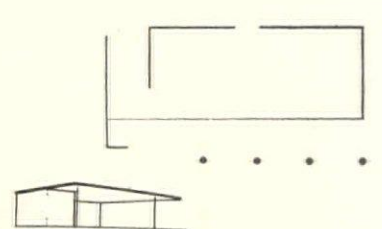
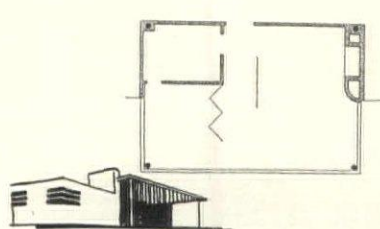
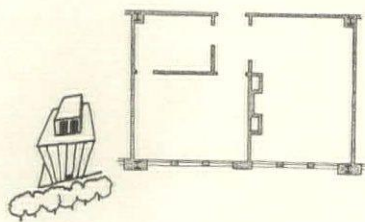
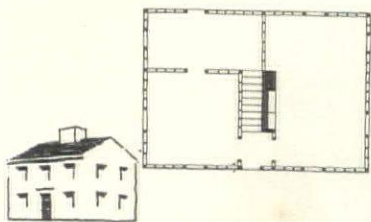
"Adjoining this space for eating is a buffet. This buffet is completely automatic, as elsewhere described, but is so ar- (Continued on page 38)



Description of plan for Mr. Hamby's Home of Tomorrow

Top of plan is north. Four bedrooms in wing projecting to the east are reached by a ramp connecting with the long closet-lined corridor. Each room has individual terrace to the south, and a "cleansing area" with square-tiled floor. There is a patio at

eastern end of this wing. Western wing is composed of living-dining-terrace area (terrace projects to the south). Food is prepared and stored along black L-shaped partition. Entrance to house (follow arrow from garage, at north) is under ramp to bedrooms

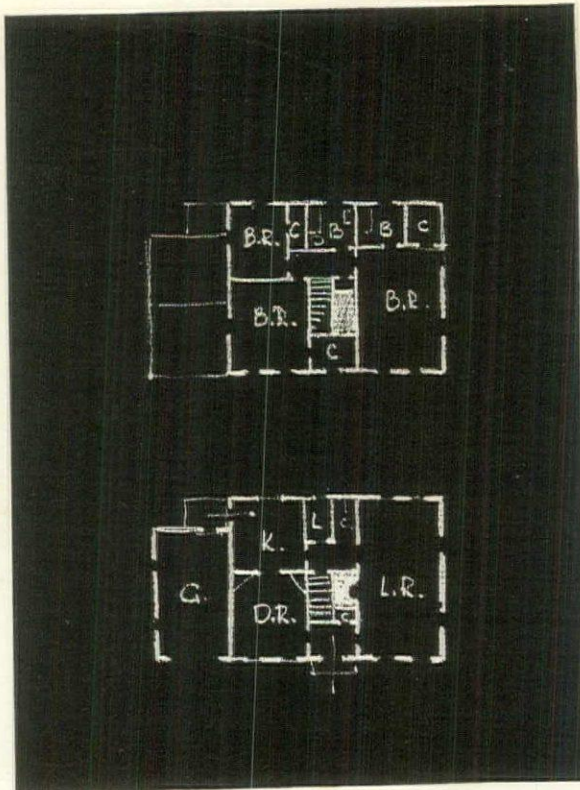


Colonials had the buzz-saw, produced multiple uprights (studs) economically, standardized the wood frame

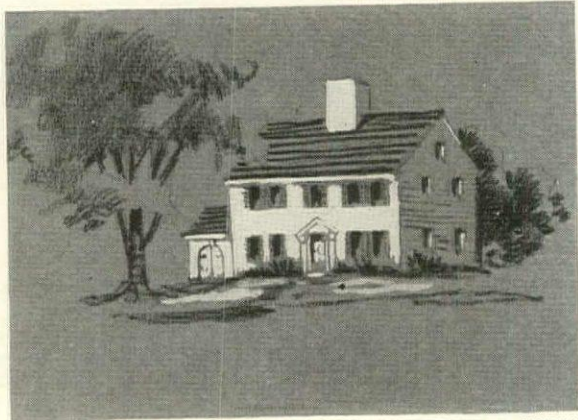
Metropolitans of the twentieth century built high with steel. Partitions were thin, non-structural screens

Contemporaries with advanced ideas build houses of light steel, much glass and very thin wall sections

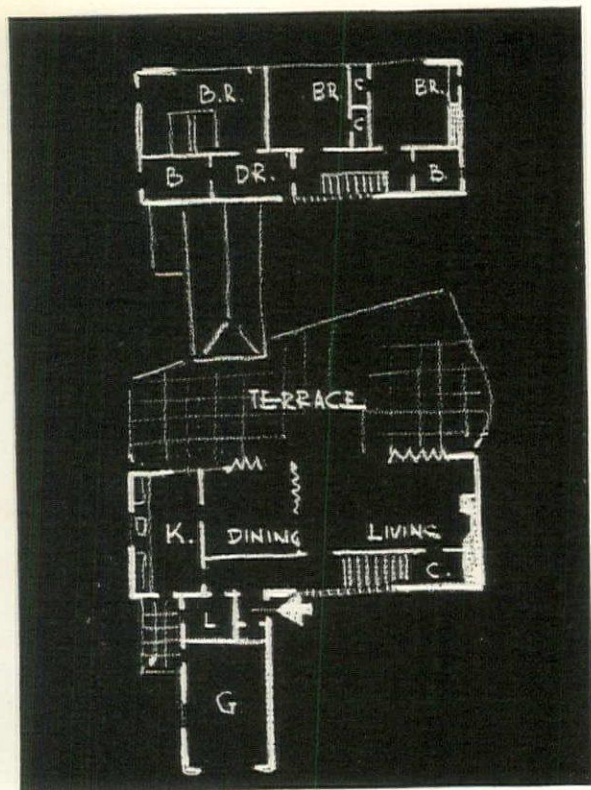
Tomorrow's Builders may attain the ultimate in streamlined homes with thin, strong, plastic new materials



This typical plan is constricted by the central chimney and stairhall prescribed by Colonial tradition



TODAY



Tomorrow's design ignores tradition in providing larger windows and most favorable orientation of all rooms



TOMORROW

3. R. B. Wills's Home of Tomorrow

He would retain the best elements of the home of today



Royal Barry Wills, 43, of Boston, is a notorious lampooner of Modern and his deft Colonial designs rarely fail to win prizes

"DOMESTIC architecture in America," according to Royal Barry Wills, the well-known Boston architect, "is at present passing through a transitional period. For almost one hundred years our homes have been designed in a period style; in successive stages we have had the Greek Temple, the Italian Villa, the Spanish Palace, the Elizabethan Manor House and the Colonial. And now we seem to be heading towards confusion. Instead of having these styles appear in successive stages, we have them all at once.

"Were it not for the modernists, this might go on and on forever. 'Tell me the fate of the Modern house and I will tell you what the Home of Tomorrow will be' would be an easy way to solve the riddle of our coming domestic architecture in America. Unfortunately Modern has come in too much as a style. People accept it as such. They feel it is new. Actually it has had some period of development, but it is still in the adolescent stage in this country, and seems to be passing through a phase of exhibitionism. These indications may be 'growing pains', and they

may not. Modern is at least making itself felt. Its effect on domestic architecture will be permanent and lasting.

"Modern prides itself on being *functional*. But is it? Unfortunately the Modern house lacks appeal. It is too much of an engineering approach to a specific problem. Its flat surfaces breathe revolt. It has the appearance of a series of shoe boxes, more or less ingeniously superimposed. It makes a good house. It is often functional. Unhappily it is more suited to Central Europe, where it was developed, than to the North American climate. Flat roofs are fine in warm countries; so are large windows where much ventilation is needed.

"A fundamental concept of the Modern house is that of bringing the outdoors into the living rooms. In most Modern houses it looks as though all the neighbors might be brought in too. Then again where traditional houses are composed in a plan of so many cubicles to enclose the functions of the home, in the Modern house these spaces are often thrown all together, so that in place (Continued on page 43)

4. Le Corbusier's Home of Tomorrow

A plan for reconstructing town and country



MUSEUM OF MODERN ART

Le Corbusier, 50, Swiss, né C. E. Jeanneret, works in Paris. Emotional polemist for modern. Says "the house is a machine for living"

"THE garden cities of the future," says Le Corbusier, famous French architect, in a message specially written for HOUSE & GARDEN, "will be built up into the air, replacing the present garden cities which spread out laterally.

"In attempting to provide the townsman with a 'natural' setting, we have everywhere created 'garden cities', and the towns have spread out into immense suburban wastes. We have to get to and from these new paradises every day. So we have built railroads and highways. To install and maintain these has cost enormous sums of money. And who pays for these means of transportation? We pay. We all pay, whether we live in the town or in the suburbs.

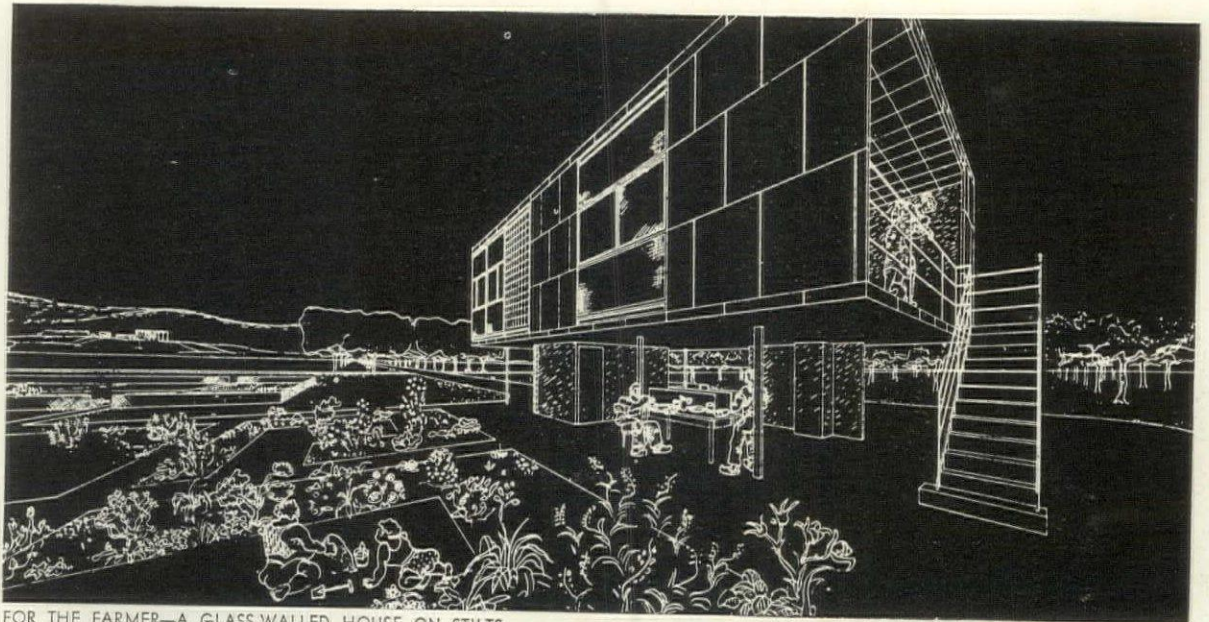
"We pay not only for the machines themselves but also for the employees who work the machines and for the repair and renewal of the machines. Add to these charges the cost of water and gas pipes, electricity and telephone lines, and then put

down the sum total. You will see that it represents each day and for every single one of us the price of several hours work—work which we must in this case give free. And for what? What does this work produce? It doesn't produce shoes or clothes, bread or books. It doesn't even produce movies. It doesn't produce much of anything.

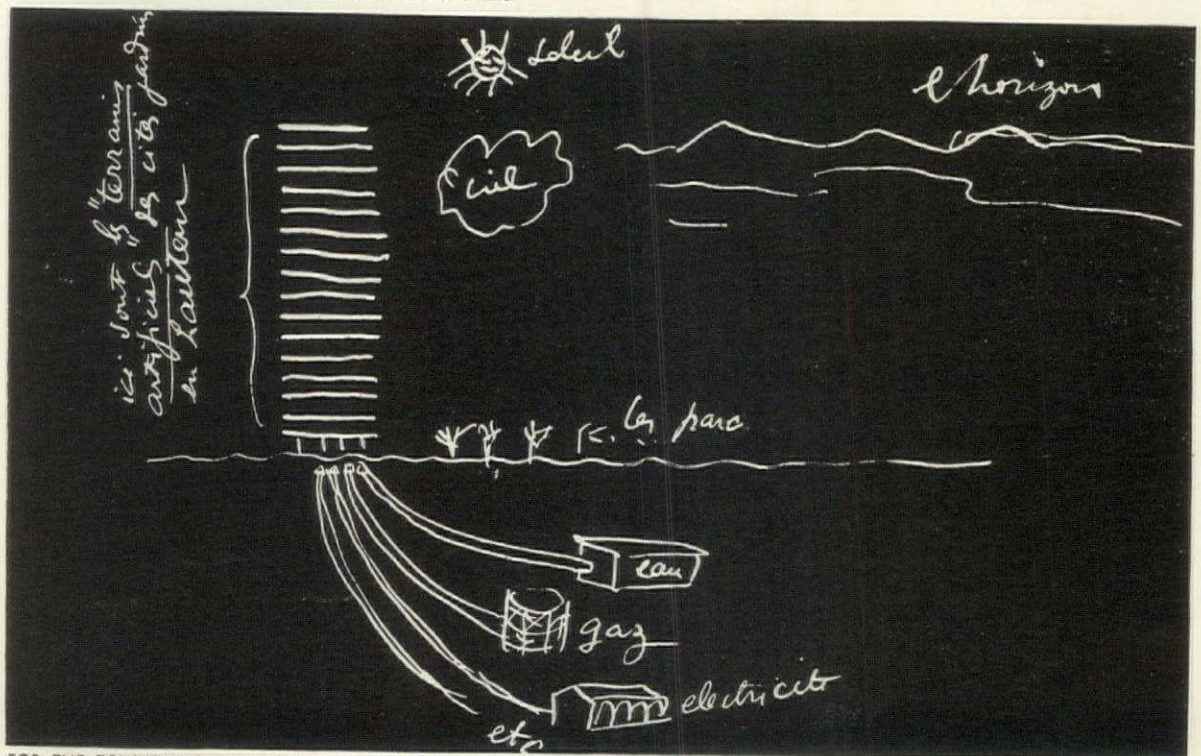
"And to these hours of work given every day to produce nothing, add one, two, or three hours passed in trains, in buses or in automobiles. Add up these hours. Is it reasonable to allow ourselves to be subjected to this undeclared slavery?"

"But modern building technique offers a solution to our problem. Instead of continuously building suburban garden cities, we must build our garden cities up into the air.

"You will say that the suburbs offer pure air, sky, trees and flowers. But the new vertical garden city offers purer air, more (Continued on page 42)



FOR THE FARMER—A GLASS-WALLED HOUSE ON STILTS



FOR THE TOWNSMAN—APARTMENTS IN A SKYSCRAPER "GARDEN CITY"

The City of Tomorrow

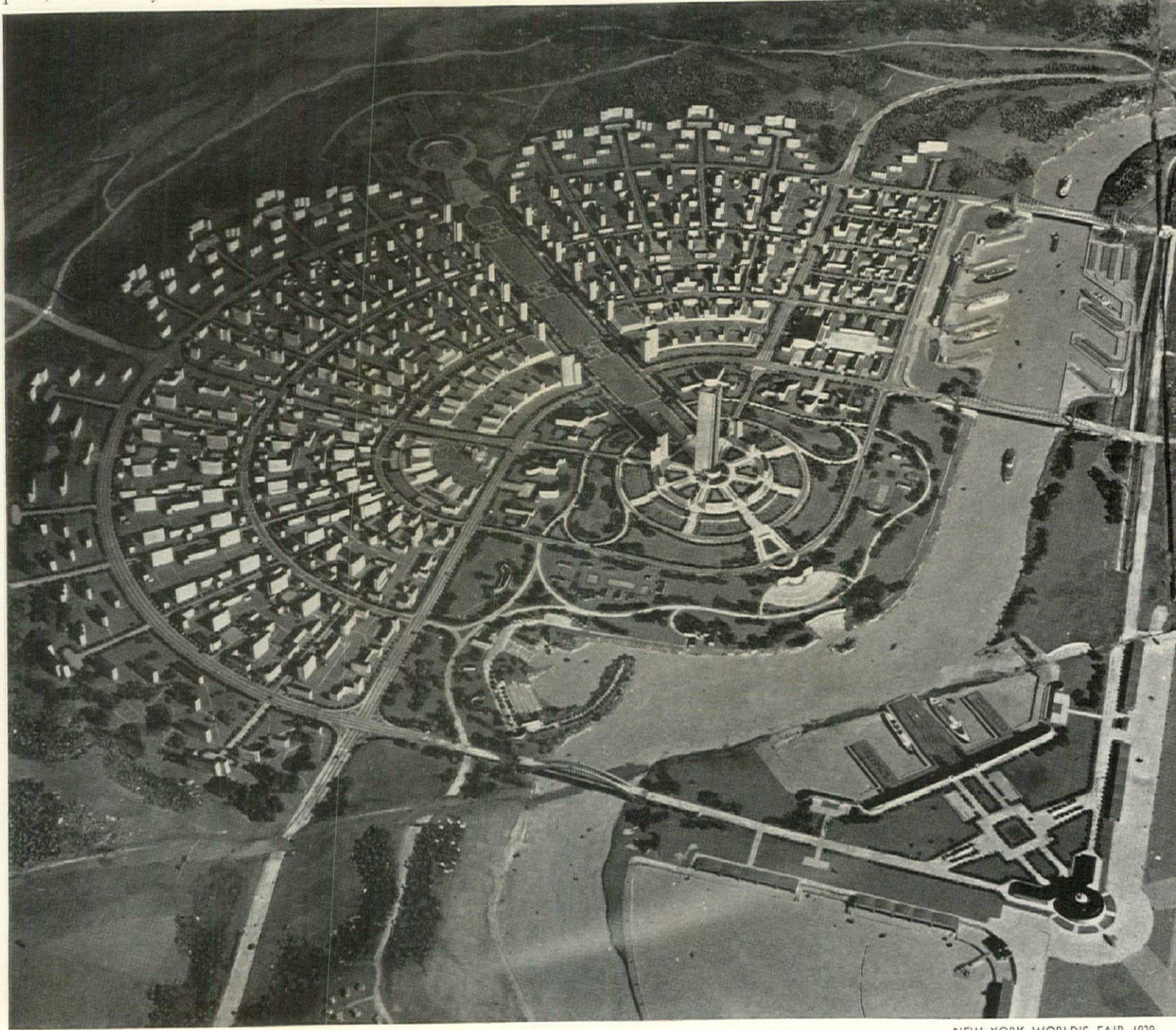
*to be shown in model form at
the New York World's Fair, will
be ringed with satellite towns*

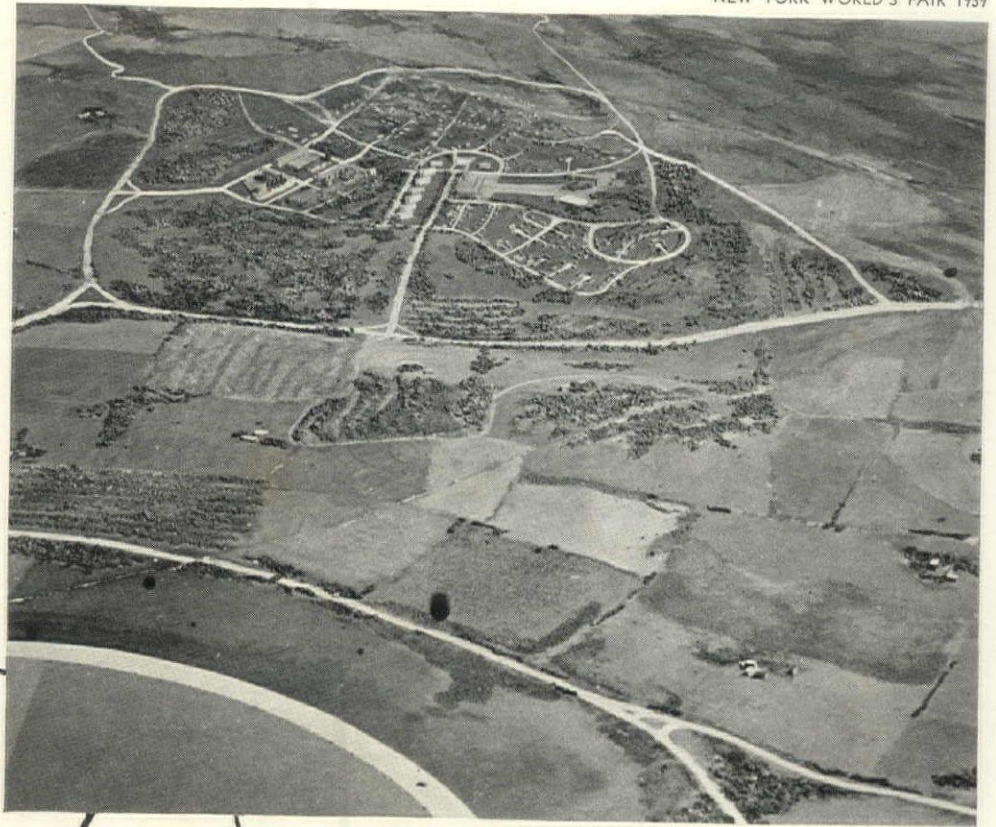
WHATEVER form it may take, the Home of Tomorrow will not exist in a vacuum, but as one small element in a larger community. "Democracity," the model designed by Henry Dreyfuss for the Perisphere of the New York World's Fair, suggests the ideal (yet already practicable) form which such a community may take. Here is no vast megalopolitan city of the future but one of tomorrow morning, its plan already foreshadowed by Ebenezer Howard 36 years ago.

You will notice that this scheme, shown in diagram on the opposite page, does not confine itself to the plan of a single city but lays down the outlines of a whole region. A central city serves as the cultural, administrative and transport hub of eleven satellite towns, all interconnected by broad highways. Around all these centers stretch wide belts of parks and agricultural land.

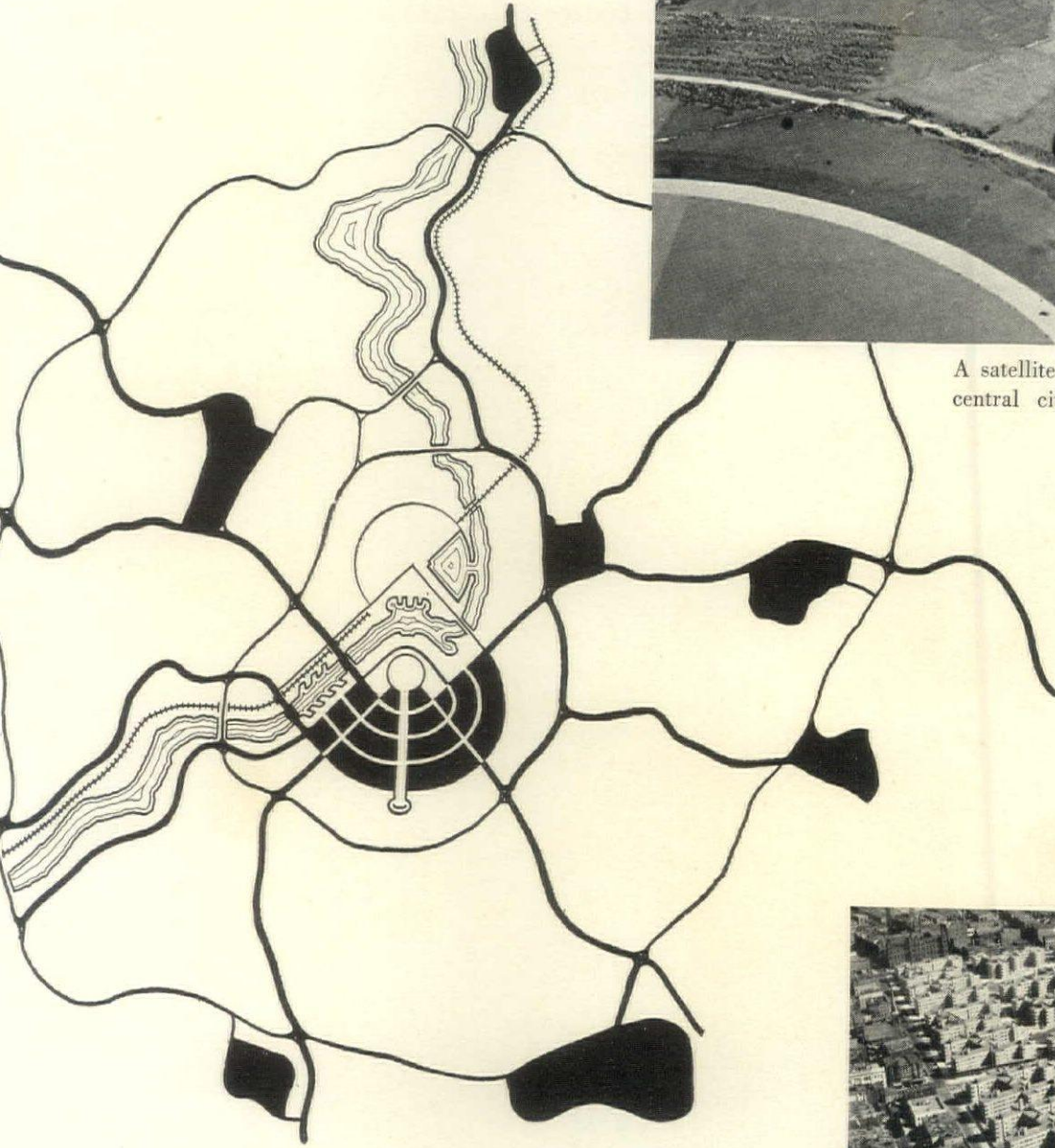
Each satellite town is complete in itself with manufacturing, residential and agricultural sections. They depend upon the central city only for those services which it is not economically feasible to provide in comparatively small towns.

The central city, composed mostly of low buildings and large parks, is served by a terminal for ships, trains and planes





A satellite town, complete in itself, though dependent on the central city for regional administration, amusements, etc.



FARM SECURITY ADMINISTRATION

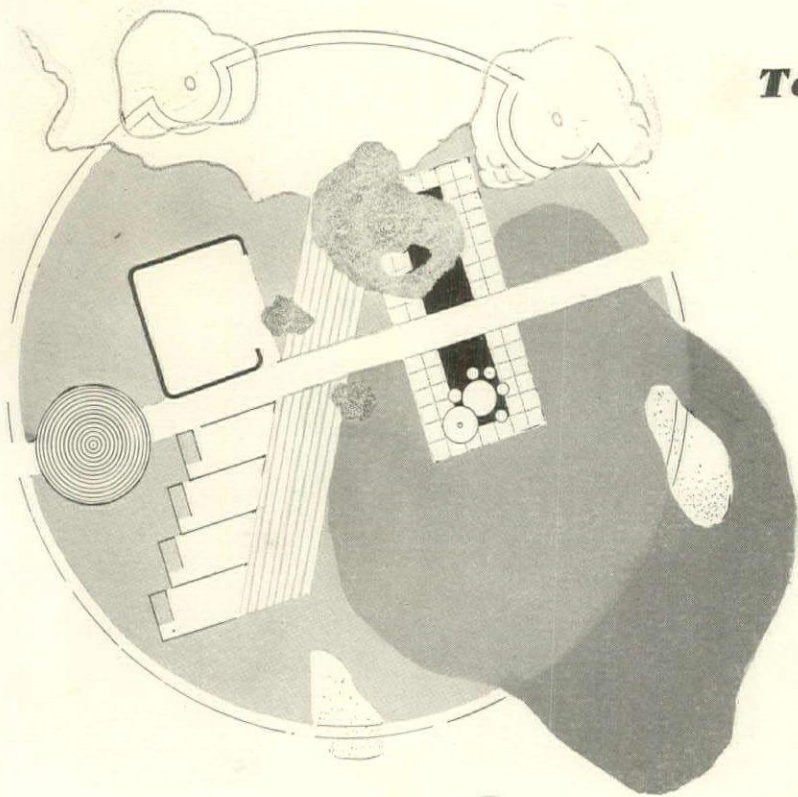


A start has already been made toward the City of Tomorrow. Williamsburgh Apartments (above) in Brooklyn, N. Y. contrast sharply with the existing chaos around them. Greenbelt, Md. (left) may be the forerunner of other similar satellite towns

After Tomorrow

anything can happen.

*Two experts evolve revolutionary,
but feasible, homes*

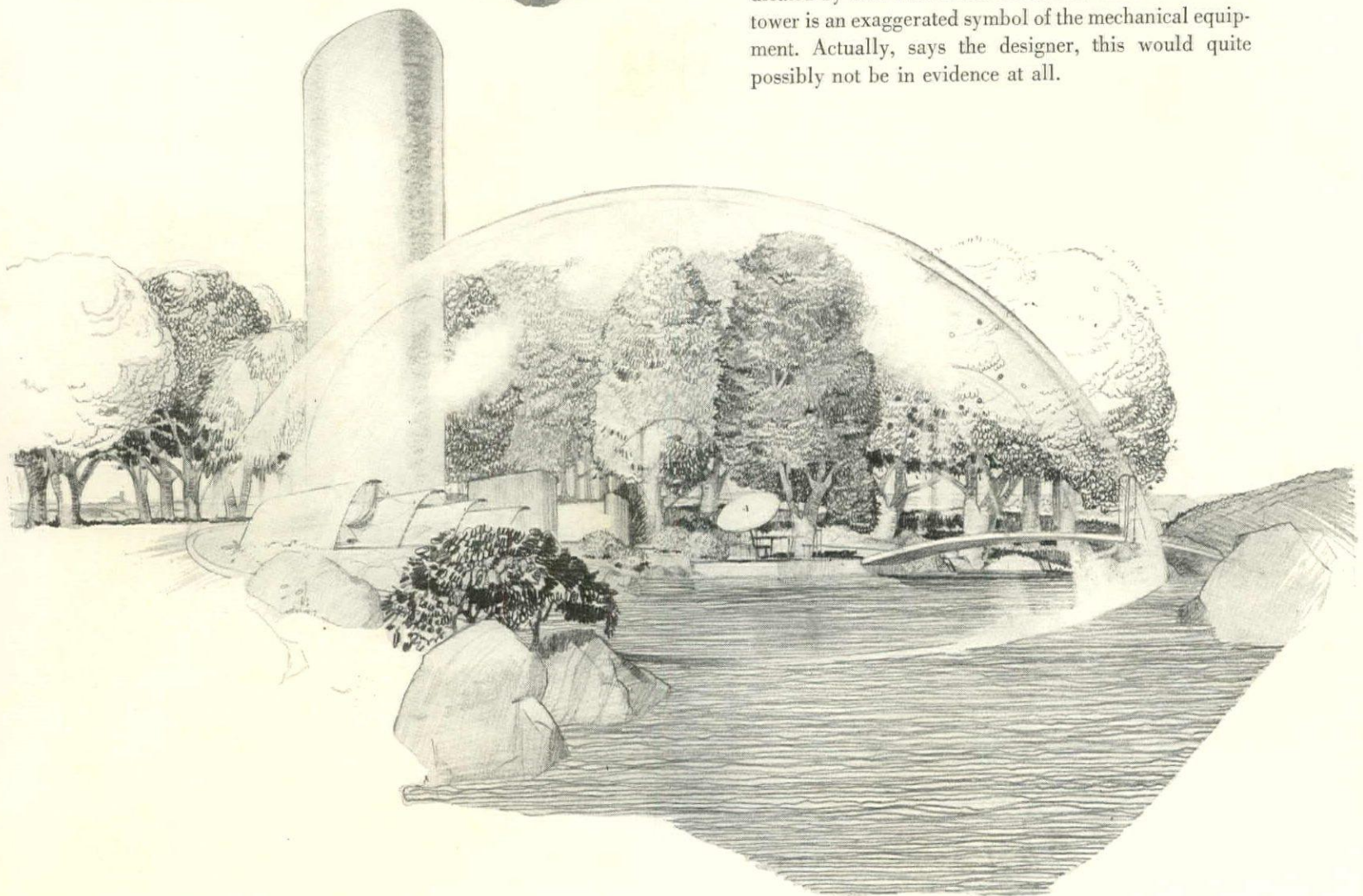


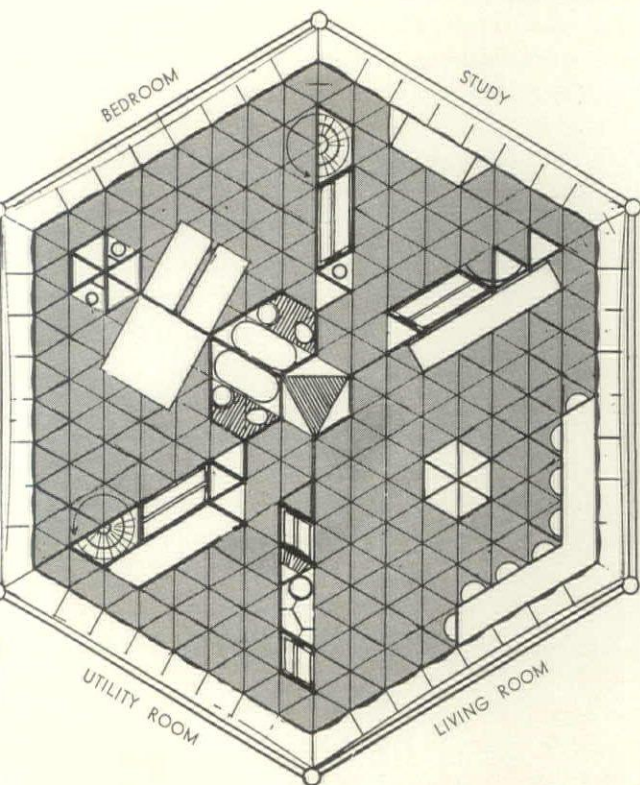
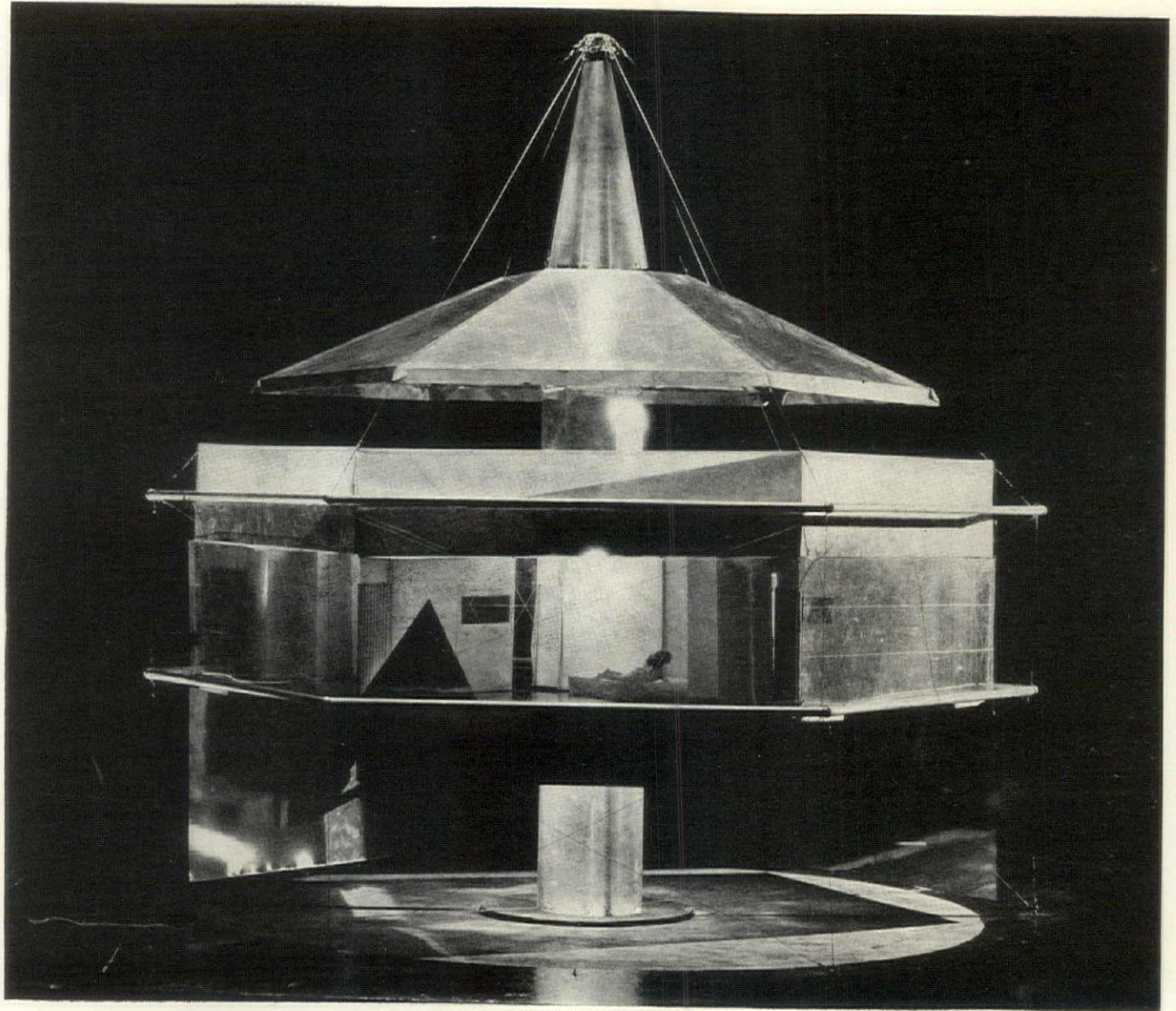
Techneden house is all-embracing

PROJECTING present technological progress into the future, William Hamby, architect, proposes as our future home a kind of mechanically controlled Eden.

The double shell of this home, indicated by the circle in the plan at left and by the dome in the drawing below, is made up of sections of light, unbreakable plastic, transparent as glass. Any degree of darkness within the home may be obtained by manipulating the shell to polarize the light. Climate is completely controllable, so the shell embraces the whole of your favorite building site, including trees, gardens, etc., kept continuously in Summer foliage.

Having thus ideally disposed of the major problems of shelter, provisions for recreation, convenience and privacy may be arranged at will, and in the simplest terms, within the shell. The dining table is at the edge of the pool; a light U-shaped wall offers seclusion for reading, etc. Sleeping and "cleansing" areas are indicated by four screen-like structures. The monumental tower is an exaggerated symbol of the mechanical equipment. Actually, says the designer, this would quite possibly not be in evidence at all.





Dymaxion house hangs from a mast

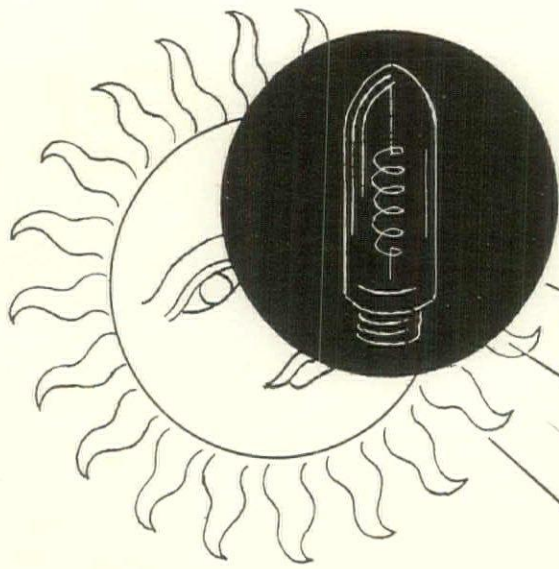


R. Buckminster Fuller, 43, engineer, philosopher, inventor of revolutionarily logical houses, bathrooms (p. 14) and cars (p. 36)

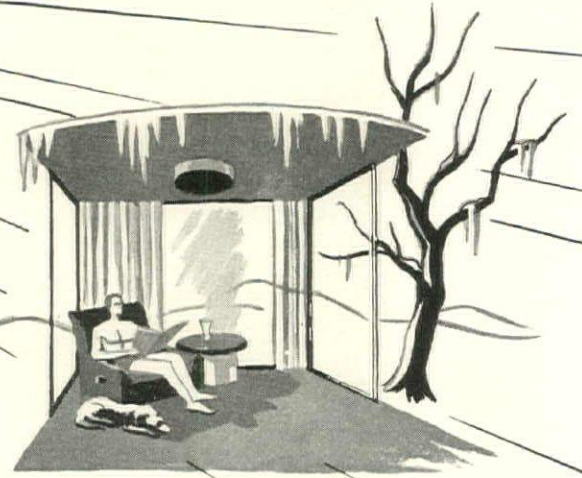
THE Dymaxion House is based on the assumption that the Home of Tomorrow will be the end-product of a scientifically-commanded industry. It will be mass-produced and will be in a class with the automobile as a commodity. The system of construction demonstrated in this model would be applied to all buildings, large and small, in multiple units if required to serve some special condition.

The house is suspended from a central mast containing a triangular elevator and all services, including light, heat, sewage disposal and air conditioning. Fresh air is drawn in through "nostrils" at the top of the tower; sewage conversion and fuel tanks are located at its base.

A tubular metal chassis is suspended by steel guys from the mast top and forms an hexagonal frame. Cables are woven in a triangular pattern horizontally within the hexagonal chassis and serve to support pneumatic floor coverings which neutralize any sag in the decking. Bracing guys anchored to the ground insure rigidity of the frame, so that the complete structure is as rigid as the roadway of a modern suspension bridge. A metal hood hung from the mast gives protection to the roof deck. (Continued on page 40)



Warmth at 0° air temperature



Black Magic

***Heat waves now harnessed by Science
may warm tomorrow's family and create
a new way of living***

IN OUR research laboratories—precursors of tomorrow's world—men are being warmed in the coldest of air. Heat is being supplied to them by the black ray—an electro-magnetic vibration that resembles a radio wave. Stimulated by the black ray, flowers will bloom in air which is at the freezing point; birds will preen themselves as under a Summer sun and families may enjoy open-air comfort regardless of temperature.

Three years ago, an electrical manufacturer constructed a laboratory room in which men could be warmed and cooled by black rays without changing the air temperature. Last year, a heating manufacturer sent around the country a little silver box equipped to produce air at 50 degrees below zero. In one side of the box was an opening in which a hand could be inserted. A demonstrator passing the black ray through the box from the outside could warm that hand instantaneously in the sub-zero air without raising the air temperature.

Insulation, and even glass, that will control the passage of the ray have been perfected. The insulation may be used to provide a shell-like structure that will replace the house of today—or men may live someday within structural shields of the new glass, or of some similar substance.

Perhaps there will be no houses at all as we know them. We may abandon the enclosure for a simple, open, adaptable structure epitomizing the sliding wall houses of Japan or the recently built open-wall houses of California.

Efficient broadcasters of the black ray, like floodlights, may provide warmth from all sides, while we live outdoors with only movable protection from wind and storm. Men may live in a series of perpetual gardens—where the rays not only warm the inhabitants but keep flowers in bloom, while snow clusters on the streets outside. It is not beyond the realm of possibility that even the streets themselves will be warmed by the rays, as now they are lighted. And not only may the gardens and streets be warmed by control of the ray, but they may be cooled by it

as well, for science has demonstrated that the ray can also be used to draw heat out of the body.

Although it is quite properly termed the heat ray, the black ray is not heat. It does not warm the air but it produces heat when it strikes an object. Heat from the sun travels to us in this way through 93,000,000 miles of space. Known to science as an ether wave, the black ray is really part of the mysterious basic energy of the universe. Akin to it are not only radio waves, but ultra-violet, x-ray, and the gamma rays produced by radium. A very infinitesimal part of this basic energy we know as light. The black ray is longer than a light wave but shorter than radio waves (see chart on p. 15). These emanations of energy travel with the speed of light: 186,324 miles per second.

With perfect accuracy, the black ray might be termed either a very long light wave or a very short radio wave. It is, in fact, the infra-red ray, but many engineers prefer to call it "black" because it is invisible and because infra-red is often associated with a red glow.

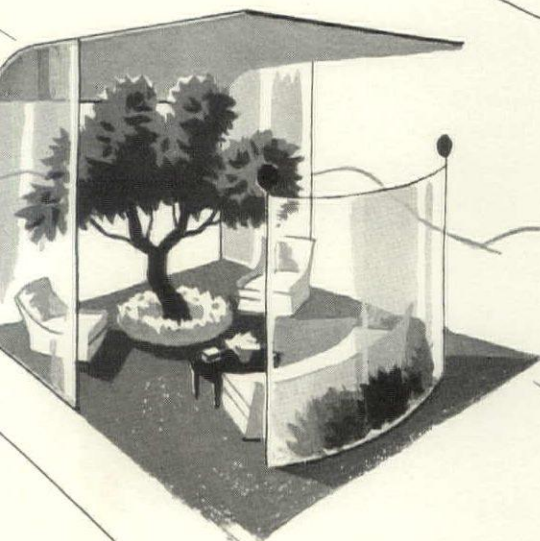
Knowledge of the ray's existence is not new. Herschell first discovered it during the eighteenth century in his experiments with light. Classified as radiant heat, it has been accepted (though little understood) as the means by which heat reaches us from the sun. It has been accepted as the source of the heat we feel in cold air before an open fire.

Without ballyhoo, present-day engineers are at work perfecting ways to control the black ray for residential heating and cooling—Chubb in the laboratories of Westinghouse, Elliot Harrington at General Electric, Goerg at American Radiator. None will discuss his work. We know only that they are proceeding toward a concrete application of the principles that pure science has developed.

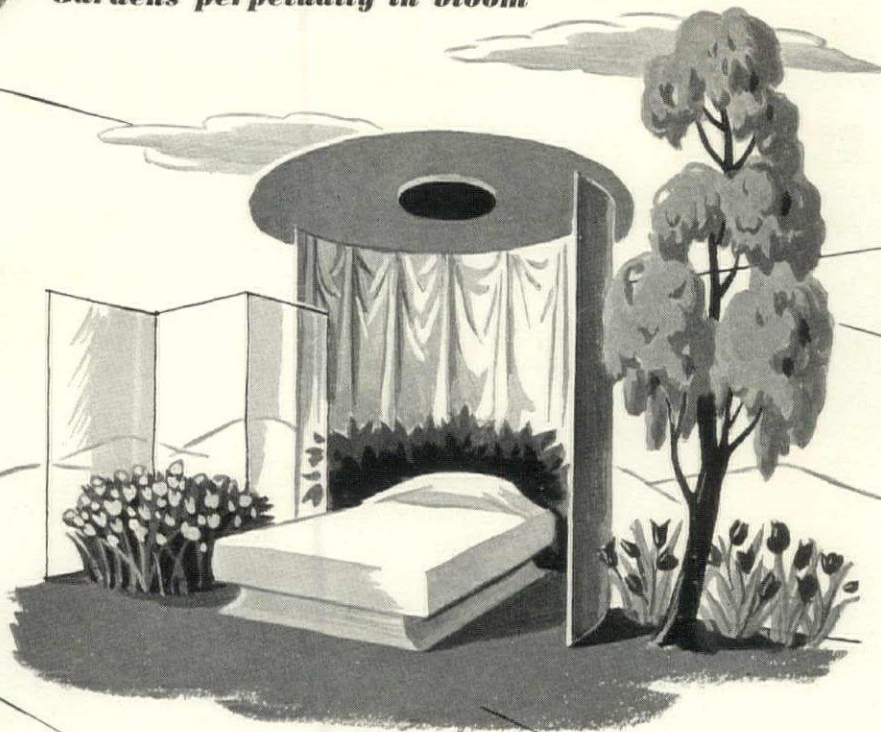
Similar to light, the ray travels in a straight line. As light does, it decreases in intensity as it travels. With a low initial intensity, it must be broadcast (*Continued on page 40*)



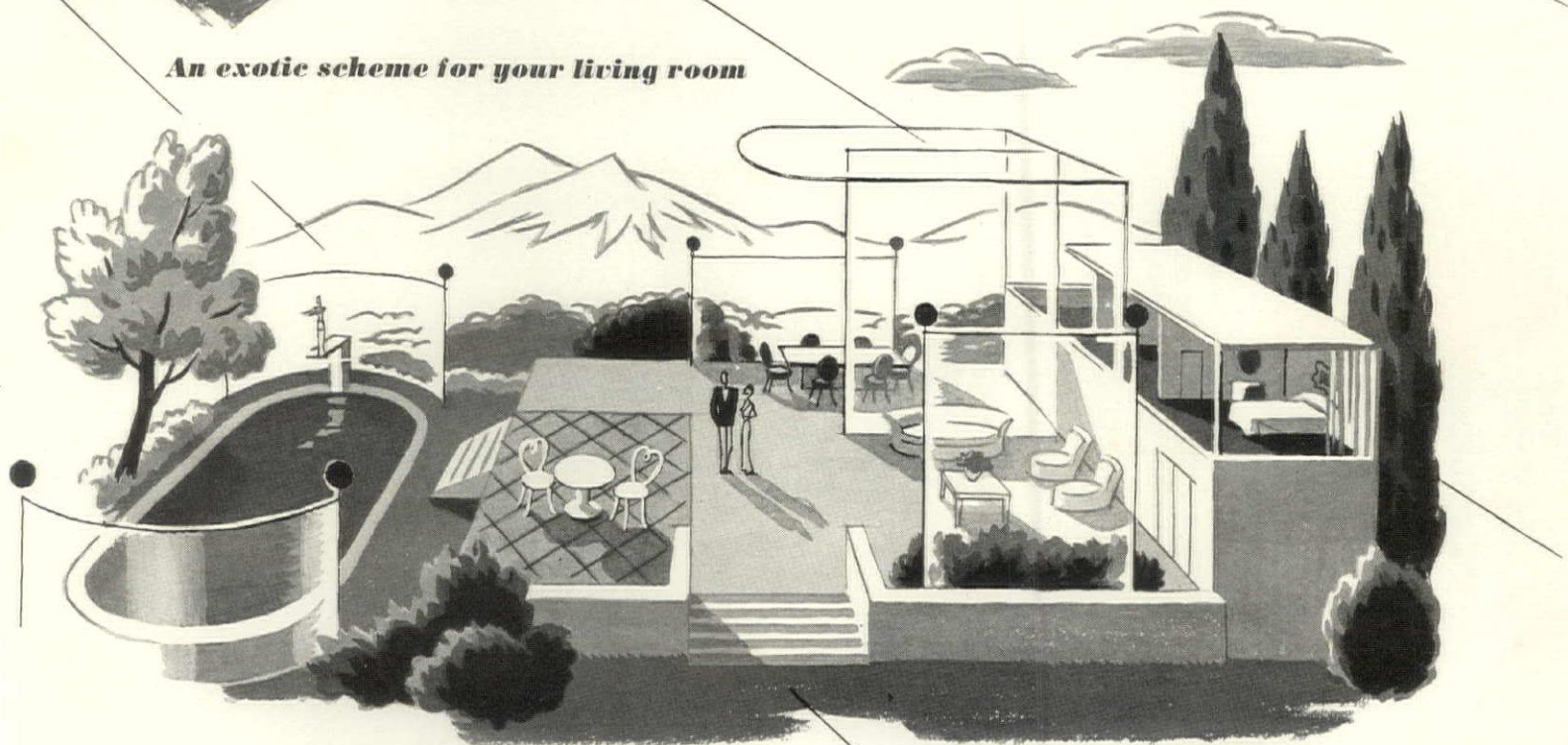
Gardens perpetually in bloom



An exotic scheme for your living room



Verdant decor for the bedroom



DRAWINGS BY URBAN WEISS

Comfort in all weather without enclosures

Landscaping

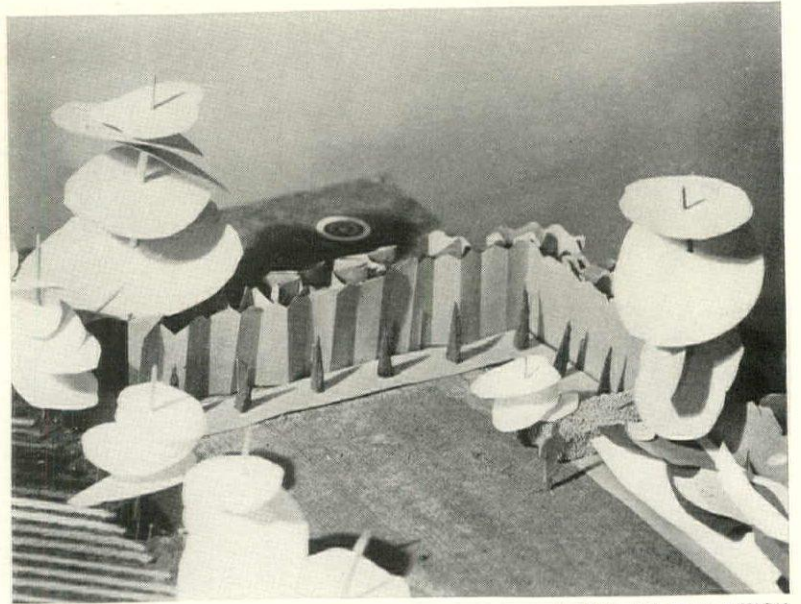
Modern houses and modern life require changes in garden plans

WILL the gardens of tomorrow go modern? As a result of the increased building of homes in the modern style will we see a revolution in garden design?

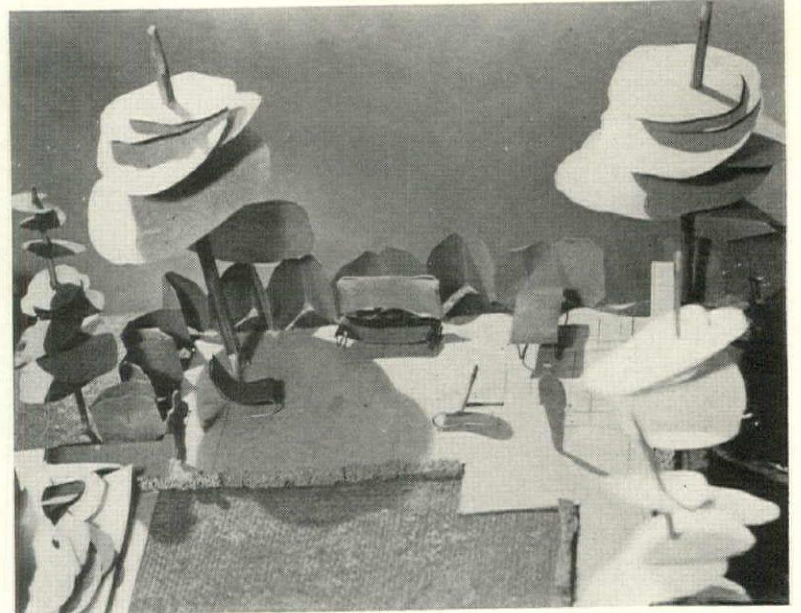
So far, architects of functional houses have not devised a scheme of plantings that also are functional. There is, however, an effort being made to reduce the expense of garden up-keep by having less grass to grow and paving more of the garden area. Flowers are grown in beds between this paving, often solid blocks of flowers of one color. This checker-board pattern, in which flower beds alternate with paving stones, has appealed to some.

There is also evident a movement to adopt some of the ancient forms to modern usage. The maze, a feature of Elizabethan gardens, is being reproduced in low-clipped boxwood and used as a decorative pattern. In England, contemporary garden designers are planning country gardens so that they appear to extend into the surrounding country, which is merely the reverse of the naturalistic school headed by Humphrey Repton a century ago. Repton brought the country right up to the front door.

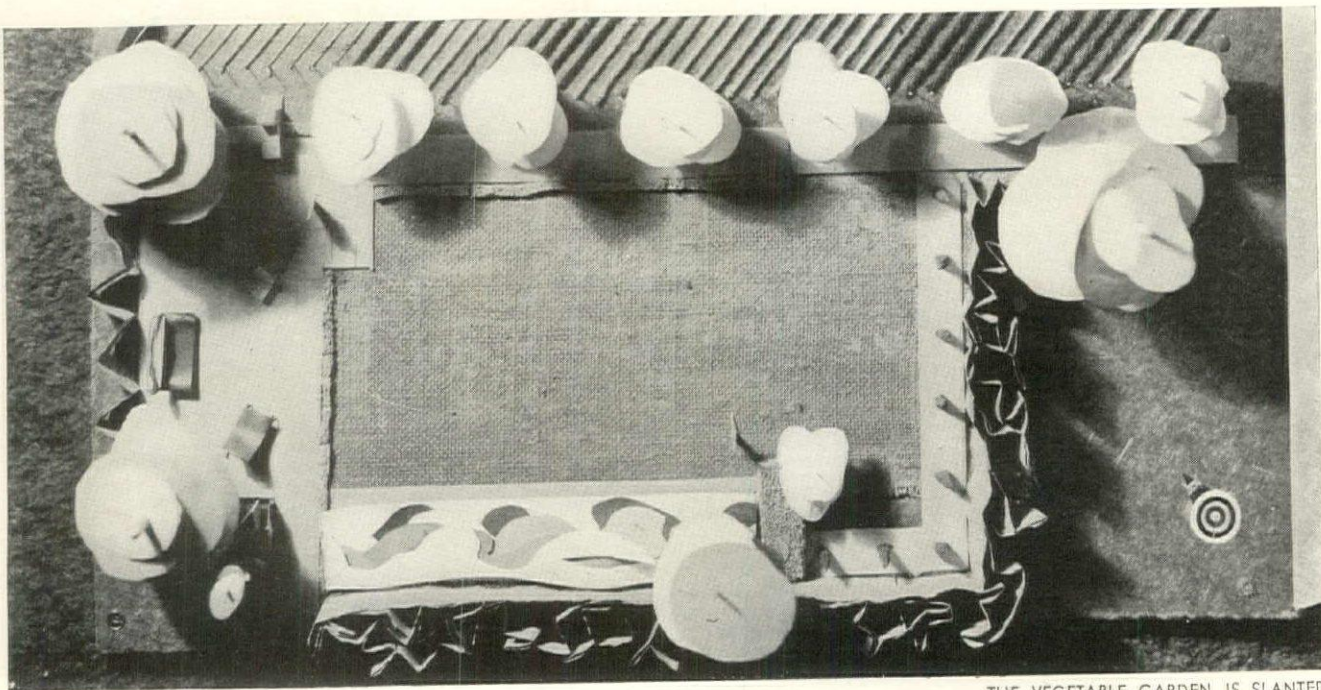
Recently James C. Rose, a young American landscape architect, has tossed in theories for the modern garden which may be taken seriously by those who follow the course of garden design. The traditional garden is built on an axis, developed from one "station point", thereby making a garden to be looked at. Mr. Rose's designs have no axis and his gardens are to be lived in. Along the main axis and side axes, the traditional plan developed a number of smaller gardens, whereas the modern will treat the house and grounds as a unit with divisions of space determined by its various uses and functions.



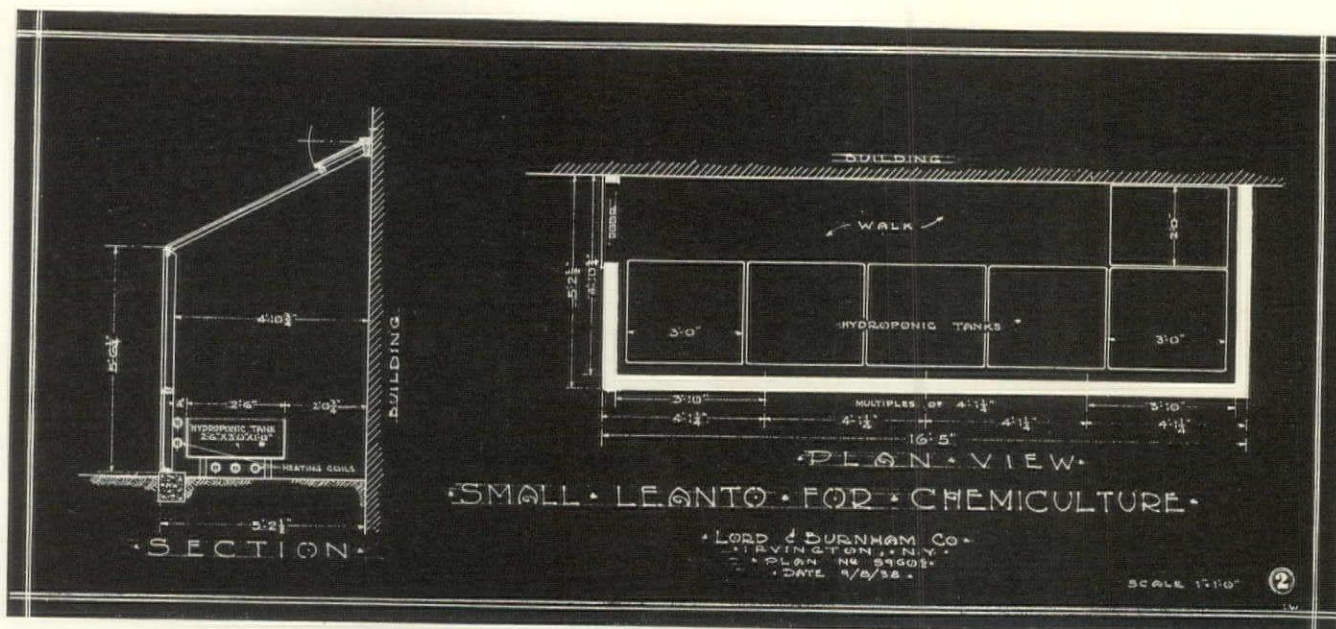
A JAMES C. ROSE DESIGN



A GARDEN TO LIVE IN

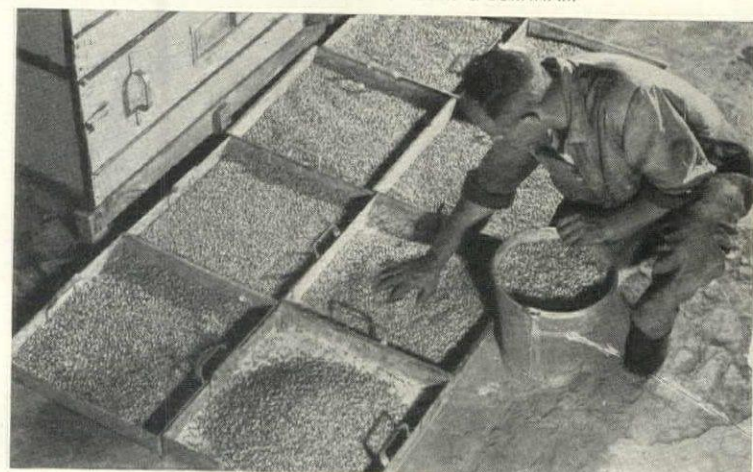


THE VEGETABLE GARDEN IS SLANTED



A CHEMICULTURE GREENHOUSE DESIGNED BY LORD & BURNHAM

Gardening
Food production
with chemical solutions
save space and time



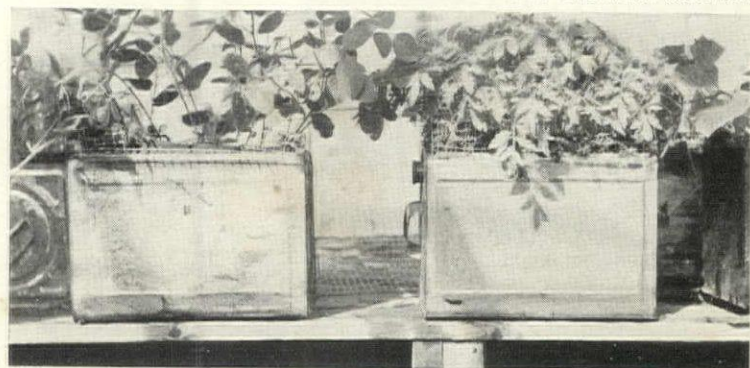
GERMAN SEED CULTURE IN DAMP OVENS

HYDROPONIC gardening, which has recently caused so much discussion, is really an old science brought up to date. The theory is to supply in solution—which is the way plants take their food—the food that plants need. This, combined with the required heat and light, makes for rapid growth and continuous production. The necessary chemicals are placed either in water or in sand.



POINSETTIAS GROWING IN CHEMICAL SOLUTION

To what extent will home gardeners adopt this method? And what are its advantages? The equipment may be as lowly as the oil cans shown at the lower right or as professional as the greenhouse plan, above. One subdivision builder is considering the idea of adding one of these small hydroponic greenhouses to each of his properties so that home owners can have their vegetables all Winter.



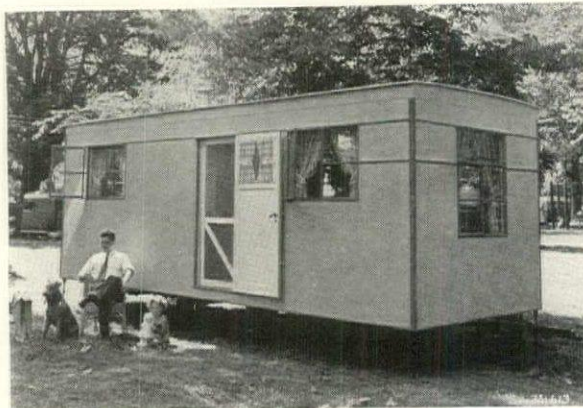
TOMATOES IN OIL CAN WITH CHEMICALS

It is doubtful if the average gardener will entirely abandon his Summer vegetable rows and flower borders, even though he can produce food in an amazingly short time from tanks that contain chemical solutions. The day of completely soilless growth is perhaps far distant, for the growth of plants without soil is certainly no easier than the old-fashioned method. Hydroponic gardening, however, may supplant present greenhouse methods.

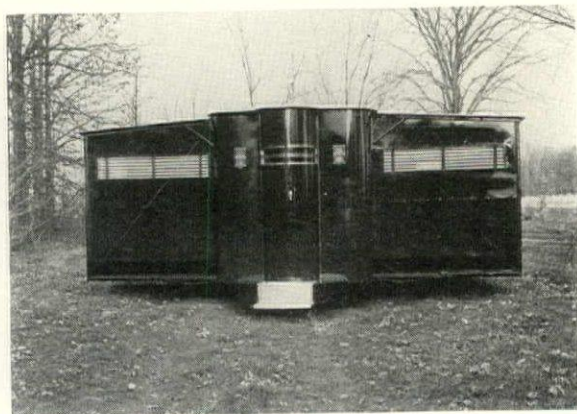
There are several advantages in this new style gardening. It eliminates soil diseases and the effects of drought and poor soil. It also may eventually make possible the growing of food to a prescribed analysis. In this may lie its most important contribution. If a chemical formula can be developed to produce, say, so much calcium in tomatoes, then those calcium-laden tomatoes would become a factor in the prevention and cure of rickets. The same might be developed in other vegetables, so that physicians could prescribe them, knowing what they will give the patient's body.

Mobile homes

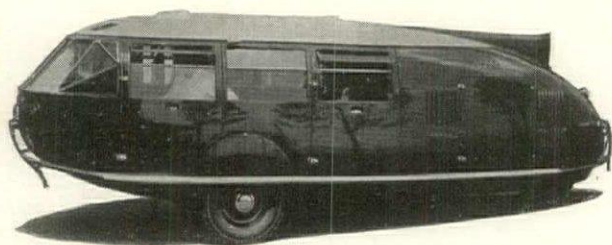
*may be only a vogue,
but they are stirring up ideas
for low-cost housing*



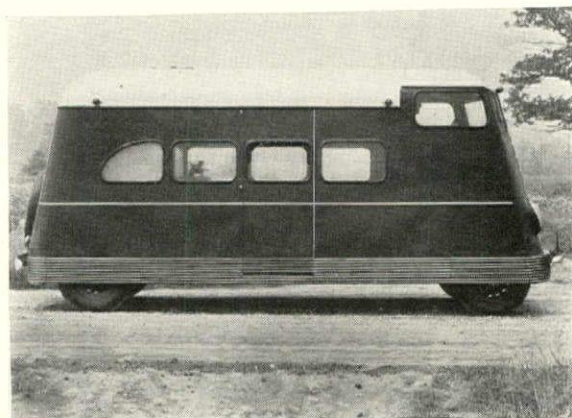
The trailer cottage is designed to provide low cost, semi-permanent shelter. Several of these units may be combined to form a more spacious home. Covered Wagon



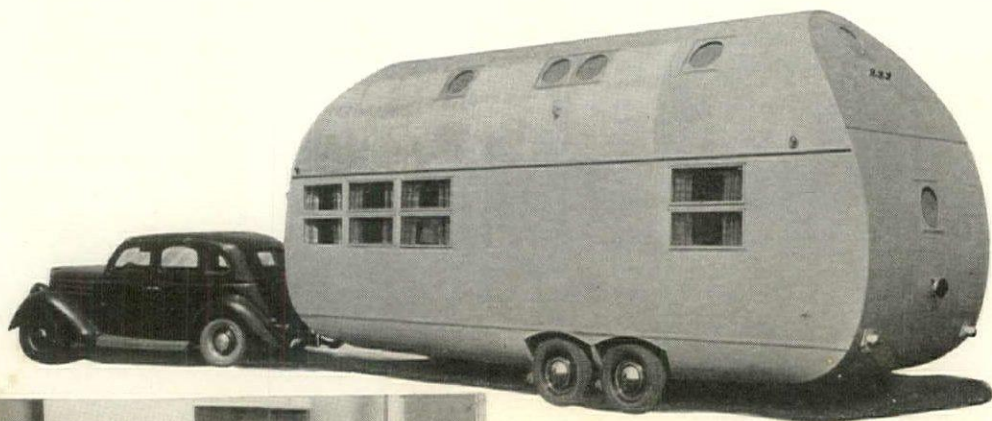
These two large wings which, extended, form an exceptionally large living space, fold up as walls for the center section when this trailer is on the road. Stout



Automobiles will also be improved. Buckminster Fuller's Dymaxion car, a rear-engined three-wheeler, streamlined above and below, is a forward-looking suggestion



For those doomed by business to a migratory life, the next step may be to make life easier by travelling in this completely-equipped motorized trailer. Stout



For low cost shelter midway between the trailer and a fixed house, Corwin Willson has designed this two-story portable structure. It is conveyed to the site on a wheeled dolly, then jacked up on six piers and connected to utility outlets. Upstairs (*far left*) are four beds and a bath. Downstairs (*left*) is a living-dining room, also equipment for heating, cooking and washing

HOUSE & GARDEN'S BOOKSHELF

DECORATION FOR THE SMALL HOME. By Derek Patmore. *New York: G. P. Putnam's Sons.*

This is the book many people are looking for. Without scorning past accomplishment, or violently championing modernistic atrocities, most of which have nothing new about them—the author recognizes that modern living demands something really new and gives the reader ideas that can be easily put into practice, and not vague theories and impractical advice.

"It must be remembered," he says, "that the great decorative styles of the past were only evolved because each successful society throughout the centuries had the courage of its own likes and dislikes. For instance, society in the eighteenth century created a remarkable series of decorating styles because it had the taste and discrimination to select the best from the past and add to it something new of its own. We should try to follow their example and attempt to create a modern style which will mirror and reflect the manner in which we think and live."

THE ERA OF THE SMALL HOME

We should like to quote the whole of his opening chapter on "The New Way of Living." Its comprehensive glance is so sane.

"It is the aim of this book to deal with these new methods of living—the era of the small home—and I will try to show the many helpful ways in which contemporary interior decoration has adapted itself to meet the demands made upon it. Small rooms need a special treatment of their own, and this book is an attempt to illustrate how such rooms can be decorated and furnished."

In this attempt, the chapters follow the sequence of importance. First: "Practical Schemes for the Small Living Room," "How to Decorate a Small Dining Room," "The Small Bedroom," "Planning the Entrance Hall, the Small Bathroom, and Kitchen." Each chapter is followed by eight or more full page illustrations with fully descriptive data—an important point, we think.

For good measure he throws in a chapter on "The Small Country House and How to Decorate It," "Color in the Small Home," "Lighting and Heating the Small Home," "What Fabrics to Use and The Importance of Decorative Accessories," and, most important of all—"A Last Look Around."

A book we like. G. G. G.

ANNUALS FOR YOUR GARDEN. By Daniel J. Foley. *New York, N. Y.: The Macmillan Company.*

In the name of "the beginner," we must quarrel loud and long with Mr. Foley. Professing effusively in several places that his little book has been prepared "for the beginner in particular," he straightway forgets from that moment what every such beginner, in the blaze of his accumulated enthusiasm, expects of his first garden, and abandons him to those stretches of bare ground between the tiny two-leaved seedlings where, for weeks upon weeks he must pull weeds and work his forked hoe before being greeted by the first flower.

However, Mr. Foley casts an anchor to windward in advising these beginners to seek the advice of some seedsman (in his catalogue, no doubt), and warns them that they cannot expect much in the way of a planned garden until "after a year or two" of experience!

It is true that it is easier to have a flowerful garden of perennials than of annuals, but given the April protection of the coldframe that hovers hither and yon throughout Mr. Foley's treatise, some of the low-growing annuals may be had in bloom early in May—and from then on, a continually expanding collection may be enjoyed.

PLANTING INSTRUCTIONS

It is well to disregard entirely any arrangement in visible rows, unless, indeed, there be space devoted to a cutting garden. For the usual limits of the beginner's garden the "mixed border" type is best—the plants being set (if there is a coldframe) or the seeds sown in irregular curves, so that as soon as may be, the soil shall be hidden by the growing foliage. Assuming that the garden space surrounds a central grass plot, the plants (or the seeds) of the lowest-growing varieties should go next the grass edge, and the taller ones (as to their height when blooming) toward the rear.

Mr. Foley's book gives most of these heights—and the others can be had from that catalogue. His recommendation (for Zinnias) that the plants be set a distance apart equal to half their blooming height is a good rule to go by, and the empty spaces in between should be set with from one to three different plants reaching the same height.

A variety in this form of planting may be enjoyed by making the line of the sod irregular, and planting "capets" or "promontories" here and there of taller growths, with narrower margins of the low border kinds.

RECOMMENDED ANNUALS

The varieties recommended for planting the garden of Annuals are the choicest of those in cultivation; many of them having been voted medals for excellence. A complete list of these forms a valuable chapter in Mr. Foley's book. Moreover, he has given in most cases a scholarly record of the origin of our cultivated annuals, and a history of the way in which they received their common names—and expresses his regrets that one of them (as the reader will discover) was not named "Moses in the Bulrushes."

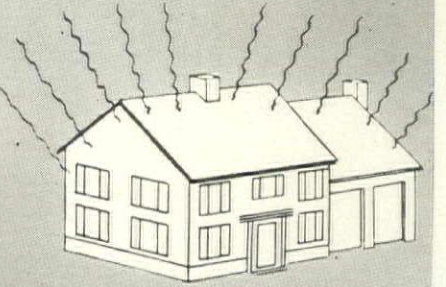
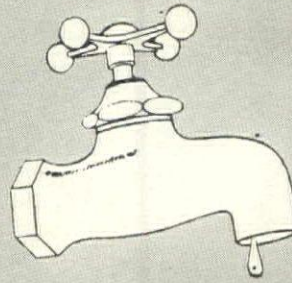
The book is illustrated with 32 colored plates in the highest type of the art and of the very newest of the late introductions:—and these plates may be counted on to recall to the beginner the beauties of his first garden after it has been laid waste by his first winter's frosts.

THE GARDEN OF PINKS. By L. B. Bailey. *New York, N. Y.: The Macmillan Company.*

An exhaustive work—as is the habitude of Professor Bailey—this book

(Continued on page 39)

YOU FIX LEAKY FAUCETS IN A HURRY—



But you allow Heat to leak out of your house year after year

-destroying comfort
-endangering health
-wasting fuel

YOUR HOUSE NEEDS TO BE INSULATED WITH J-M ROCK WOOL

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The facts about insulation—the subject every home owner is talking about. Twenty pages. Many photos. Send for it before you buy, avoid disappointments, save money.

HERE'S a fascinating free book that shows you how quickly and easily you can insulate for year-round comfort with J-M Rock Wool. Explains how the cost can be met with convenient monthly payments—and, most important, gives you the facts you need to "buy" insulation intelligently.

Do you know that certain insulations do only a half-way job? Leave thin spots, voids to let heat out during winter, in during summer? Do you know that installing home insulation is a job to be trusted only to carefully trained workmen? That inexperience and carelessness cause expensive "heat leaks"?

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facts, proved in more than 150,000 installations—J-M Rock Wool, "blown" insulation that is applied only by approved contractors.

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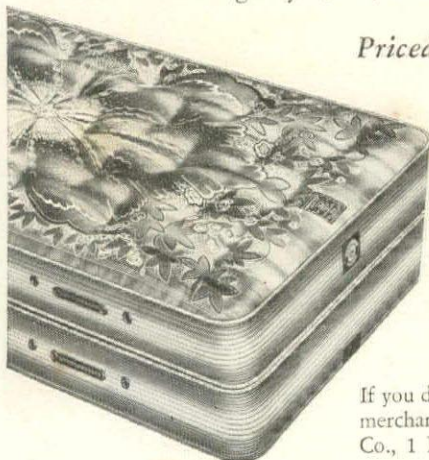
*Three Brides...
Three Generations...
One Choice...*

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Grandma's trousseau... grandma's house
aren't her granddaughter's choice today.
Yet 1938 brides, too, say:

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After all, a house that has been building mattresses for 85 years most surely knows how to put America to sleep. Ostermoor claims a magic secret for eight and a half decades of success. Supreme Quality! The new Innerspring Ostermoor is luxuriantly comfortable, of course. From its pastel tinted covers of damask down through a multitude of soft fleecy cotton layers, Ostermoor is the work of mattress craftsmen. It can't bunch into lumps; can't sag into hollows and its cushioned coils match every curve your sleeping body forms. An Ostermoor will give you, too, ideal sleep comfort each night.



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If you don't know the local Ostermoor merchant's name, write Ostermoor & Co., 1 Park Avenue, New York City.

WILLIAM HAMBY'S HOME OF TOMORROW

(CONTINUED FROM PAGE 24)

ranged that it could be converted from a 1938 model kitchen, which, of course, must be operated by a maid, or by a family member who does maid's work. If it becomes necessary to have a maid, her room could be added to the plan on the ground floor just under the first individual space.

STORAGE SPACE

"In normal family life now, and we presume in the future, many impedimenta are collected, such as bridge tables and other game equipment. Besides this family impedimenta, each individual has seasonal wearing apparel and personal belongings requiring storage. These are accounted for on the plan in the two long batteries of storage units. It is impossible to predict the exact arrangement of each storage unit until the individuals' requirements are surveyed.

"Above the buffet is located the power plant, including the generator for refrigeration, and refuse incinerator.

"The shape of this plan is a product of an assumption. This assumption may, or may not, be valid tomorrow. We have assumed that all the principal rooms in the house should face south. Further, if the southern exposure is desirable for one room, it is desirable for all. We have also assumed that the view is to the south, and that the entrance is to the north. This assumption is made because rooms having large glass areas to the south, with sufficient bulk of enclosed air to the north, are the easiest of all rooms to heat. In spite of the fact that our heating plants of tomorrow will be extremely efficient, the trick of using the sun to help heat the house will still be economy.

"As to the construction of the Home of Tomorrow, we visualize the application of what airplane designers call 'monocoque' construction. This, in principle, involves the use of the 'skin' of the house, as well as its frame, to support the strains and stresses to which the building is subjected. This principle is applied to all airplane designs, never to present-day houses. This will evolve a lighter structure, because all of it will share the work.

NEW MATERIALS

"We also have new materials, for instance, plastics. Plastics can be used as adhesives or as thin transparent sheets for the house of tomorrow. Plastic adhesives are already being used to produce a wood veneer, to bind this wood veneer to a skeleton, making skin-stressed slabs of great strength and durability. Plastics in the form of transparent sheets will make it possible to build enormous frameless lightweight doors and windows. These sheets, when 'polarized,' will offer complete control of light.

"One should not conclude that all the houses in the future will be built with monocoque construction, in plywood and transparent sheets, but rather that the development of this construction will cause stone, concrete, steel, and wood also to be 'streamlined.' Houses, of course, are not all structure; hence we have with us today on this

threshold, a multitude of needs, and the gadgets and systems to fulfill them. The housewife of today will tell you what she wants of tomorrow. Listening to her, we can conclude that there will be greater organized storage facilities, greater control of weather and sunshine, more bathrooms, more privacy for the individual, more provision for the growing child, greater efficiency of operation, and a sweeping simplification of mechanical gadgets.

"To aid the architect in fulfilling these requirements, we find ourselves surrounded today with schemes and gadgets, which if not practical now, certainly indicate that they will produce practical results. We must be careful in considering the possibilities of today's inventions, not to 'jump off the deep end.' For instance, when we consider the effect of the electric eye on the control of a child, we should not conclude that the child will be haunted by this mystic control. Let us consider, however, that we have, say, a small swimming pool located near the yard where the child is allowed to play. An electric eye could certainly be used to allow free access to this pool and yet warn the mother when the child had approached the danger zone—unnoticed.

AUTOMATIC MACHINERY

"We have today automatic laundry equipment which is doing such a good job that we may soon expect a small machine which will not only wash and dry the clothes, but iron them and stack them. If one expects difficulty in designing this machine one should consider the fact that manufacturers today can produce wrinkle-proof fabrics. Also the fact that inexpensive machines can be individual, thus minimizing the problem of sorting.

"There is little use in discussing the potentialities of air conditioning, other than to mention the fact that the present Diesel-driven electric power package offers an enormous amount of power at a very low cost. This power can be used not only for heating and cooling, but also for the above-mentioned laundry and for things such as dishwashers. It is practical to design a machine with the use of live steam, as well as the use of hot and cold water, which will not only dispose of the garbage, but wash, sterilize and shine dishes and utensils. This machine can also act as a storage compartment for the dishes and utensils. The perfection of such a machine will completely simplify food preparation.

"The unlimited power that will be available in the house of tomorrow indicates that the house will have a vacuum cleaning system even better than that now used in office buildings. Further, with this available power, we can expect in the future to flush the whole bathroom with a cleansing solution, and dry it with a blast of warm air. This would suggest the future popularity of using the whole bathroom as a shower, such as the French now do.

"We could go on and on with this sort of thing, as the American inventor is an industrious person, but we have indicated enough to equip what we believe would be a completely comfortable house."

AMERICA'S QUALITY MATTRESS FOR 85 YEARS

HOUSE & GARDEN'S BOOKSHELF

(CONTINUED FROM PAGE 37)

of 150 pages describes all the accepted species and the chief botanical varieties of the genus *Dianthus* (the Pinks) figuring as horticultural subjects in the United States and Canada, up to the close of the year 1937. The pinks have been garden favorites of the author from his early boyhood; and he devotes a few pages to interesting reminiscences relating to them before they began to gather the importance which is theirs today. Not the least of these is the mention of his intimate connection with the beginnings of the great commercial industry of growing carnations.

THE "BACKGROUND"

The expansive nature of the task to which Professor Bailey has set himself has so impressed him that he gives a full account of the material at hand from which he has put the book together—the "background" he calls it—evidently with the wish to assure his readers that they are getting all there is; and he points out that this is the first book in which an attempt has been made to resolve the garden pinks into their several species. First, he tells that he has fifty-four kinds growing in his own garden (besides those in a lot of other gardens to which he has free access), and more than 1,000 specimens in his herbarium; about 175 photographs from life; and a card-index record of 735 names of the different species and botanical varieties recognized by botanists. From this assemblage he has collated seven groups, under the titles: Rainbow Pinks; Cluster-head Pinks; Maiden Pinks; Cheddar Pinks; Cottage Pinks; Carnation Pinks; and Rock-garden Pinks. After general remarks upon the differences between the several groups, there follows a series of chapter-like sections, one for each group, with closer detail as to type, and suggestions as to cultivation.

The section devoted to Carnations covers generous space, with much history and also instructive matter as to the commercial growing of the prevailing type of this widely popular flower, and with a full list of the named varieties now being marketed. The section upon the alpine species of *Dianthus* used, or useful, in rock-gardens includes a liberal list of acceptable species; and Professor Bailey adds his advice that rock-gardeners using pinks compare notes with other enthusiasts in that line. The Professor halts his own story to insert two extensive sections devoted to detailed advice from specialists, one upon insect pests, and the other on fungoid diseases attacking the pinks.

A REVIEW OF SPECIES

The latter half of the book is given over to a minute review of upward of 200 species, including enduring variations which have been perpetuated by professional florists through the rooting of cuttings of "sports" which showed some distinctive character as compared with the parent plant. The 43 full-page plates in black-and-white which illustrate the text are free-hand drawings from life of the very highest excellence, by Florence Mekeel. Not only are they admirably true to the various types, but are accented by the

artist with a rare appreciation of the beauty and grace expressed in the peculiar poses of the Pinks.

DOGS AT PLAY. By Paul Hubner. *New York: E. P. Dutton and Company, Inc.*

It seems probable, at first glance, that there will be two groups of people who will lose their tempers over this little album of dog pictures. The first group is in general of a bellicose disposition, on one point, anyway, and is composed of those who have dogs of their own—and every dog owner knows that he owns the best dog in existence; and the dog believes it just as firmly as his master does. The judges at dog shows may not agree with either of them, but neither one cares; they are sufficient unto themselves.

The other antipathetic class will be of the people who are used to doing their own photography, and who like a good, clean-cut focus on the objects they make pictures of; and who everlastingly hate the "platinum print" (real or imitation) with its lack of detail and its flat, lifeless masses—especially offensive with white objects and actually nauseating with the black ones. Where the two inadequacies are intermingled, there is no dictionary word that is sufficiently expressive.

It is at this predicament in the book market that Mr. Hubner is likely to rise up and call attention to his dedication of the little book to two very young children, and to point out that both of the excited temperamental classes may have been led astray by the use of the word "dog" in the book's title; and that with the exception of the two or three ancients, who were stolidly posed under stern commands, all of the creatures at play are *puppies*, and will beyond a doubt prove a great delight to the young children of any family who, up to their latest birthday, have never owned either a dog or a camera; and who will gleefully applaud the energy displayed in the pictures—as contrasted with the lack of verve exhibited by their little, stuffed "doggie-booff" on wheels, which has to be persuaded to move in its wooden way by a piece of string actuated by emotional exertion at the further end. These children have not yet arrived at the age when Milk Bone is an item on the grocer's bill, and the drumstick of the turkey has to be laid aside for some relative of Fido. It is not difficult to believe that the little lad appearing in the eighteenth picture is one of the two mentioned in the dedication.

In the matter of variety, in several of the pictures the doggies are posed effectively with other denizens of the farm on which they are being brought up. The affectionate regard of the cow and the pig for their picture mate is evident; with the horse it is plainly an exposition of good natured endurance. The cat has squatted in preparation for instant flight and would have left before, if it had not been for the grandfather of all the dogs beside him. On the other hand, having one's picture taken seems to have been a commonplace with the ducks, the turkey and the handsome White Leghorn rooster, all of which are model poseurs.

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for this
TANKFUL

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from large surfaces on all sides. House heating using this principle to a limited degree is already in use.

The rays can be reflected, refracted and polarized, however, as light can be. Through refraction and reflection, they can be broadcast in high intensity from a small surface and dispersed by a specially-shaped reflector to give a mild warmth as light is dispersed from a single point. Similarly, through refraction, they can be contracted or dispersed through a lens as light can be.

They can be sent from one point and reflected back and forth to strike all points in their virtually instantaneous movement of 186,000 miles per second. Through the use of this principle, the reflective insulation that has been perfected may someday provide an eggshell structure that controls the passage of the ray for comfort, leaving man free to complete the details of his home as he chooses.

GLASS CAN CONTROL NEW RAYS

Glass presents a picture of myriad possibilities. One type of glass permits the heat rays to pass but admits no light. Another permits light to pass but excludes the passage of the heat rays. Still another will allow light to pass but permits the black rays to pass in only one direction.

Out of the glass blower's art, reduced to a science, man may fashion the homes of the future. With glass that permits the heat rays to pass but excludes light, he may provide the equivalent of our interior partitions. Since light is excluded, he will gain privacy. Through the passage of the heat rays, warmth can be supplied from a remote central broadcaster.

The houses may be built as our houses are today or they may be merely a series of shields—open mobile structures, in a perpetual garden where heat broadcasters and absorbers playing from all sides warm men in Winter and cool them in Summer through control of the black ray.

Since we can direct the path of the rays and no two persons ever agree on the amount of heat that they want, each person may be able to dial his own heat supply for the area in which

he sits or stands. He may dial different heat supplies according to his activity, turning on extra heat when he drops into a chair, much as he now turns on a reading lamp.

While we shall still want movable protection from wind and storm, the heat ray may transcend the problem of humidity control that we have recently begun to consider important in our air conditioning. In Winter we create any need that exists for humidity by increasing the capacity of air to absorb moisture as we heat it. If we use the black ray for heating, we shall not warm the air.

NO HUMIDITY CONTROL NEEDED

Further, recent study indicates that the effect of humidity on the heat action of the body is an emergency action that operates only when other methods fail, so that control of the black ray may someday provide comfort without need for humidity control.

Working in his laboratory in Pittsburgh, Dr. L. W. Chubb has used the ray to warm men in air below the freezing point and to make them shiver in air at 104 degrees above zero.

As long ago as 1792, Prevost discovered what science has sometimes called the cold radiations. Actually, they are not cold radiations at all, for there is no cold. The coldest substance that science has ever found has one-tenth of a degree of heat in it. Science has imagined, but never attained, an absolute zero that is hundreds of degrees below the zero point on our ordinary thermometers.

OUR BODIES EMIT BLACK RAYS

Every object has its heat. By virtue of that heat it becomes a generator of black rays. The heat sets molecules in motion. Their movements disturb the ether as current in a radio antenna disturbs it, creating about the object waves shorter than those of radio—the black rays. The human body with its blood temperature of 98.6 is sparkling continuously with these unseen black rays as radium gleams in the dark.

Nature has provided for this action by generating an excess of from 50 to 100 calories of heat every hour in the

combustion of food to maintain the blood temperature. Under the laws of balance, this excess is given off both to the colder air that touches the body and, across space through the black rays, to colder objects near us.

By providing absorbers that are capable of receiving the excess through the self-generated black rays, men can be cooled without cooling the air. Rays emitted from all parts of the body can be reflected or refracted to these absorbers just as they can be reflected and refracted to all parts of the body from a broadcaster.

Actually, it is to control and facilitate the flow of the body's heat excess that we warm and cool the air today. Unknowingly, we use the tempered air, supplemented slightly in heating by rays where there is an exposed radiator or the warm surface of a stove, to warm and cool the walls and objects near us. In this way, we regulate the capacity of these objects to absorb heat sent out through the black rays at the same time that we regulate the air's capacity to absorb body heat.

Through science we may someday do directly what we now do indirectly—warm and cool men by control of the black ray regardless of the air temperature—indoors or out.

Man may be free to follow the dictates of his aesthetic taste in the creation of his home. We may build only as we are interested in seclusion, in color harmonies, and in mobile protection from wind and storm.

Year in and year out, we may work and play out-of-doors. Even our skyscrapers may be a series of open terraces. Our streets may be warmed and cooled. Our drawing rooms may be under a gnarled oak. Our dining rooms may be a perpetual arbor and our bedrooms a literal bower.

We have speculated freely on developments in television, on death rays for war, on food in pellets and on incubator babies, but when we have talked of our homes, we have envisioned only a modified version of the house of today. The 20th Century mind, jaded though it may be, has yet to catch pace with science.

ALFRED BRUCE

DYMAXION HOUSE HANGS FROM A MAST

(CONTINUED FROM PAGE 31)

The curtain walls are of hexagonal, blown glass, vacuum lozenges let into a wire frame. They may be transparent, translucent or opaque according to need. By the use of prisms, mirrored-surfaces and lenses, a central white flame in the mast serves both the lighting and the air conditioning systems. The light is shuttered centrally to control its volume and color, and is diffused to all parts of the house. This eliminates separate fixtures and wiring.

The house is designed throughout to eliminate *having* to do things. All equipment is designed to reduce physical drudgery to a minimum. The cooking grills, in the words of the designer,

"are like pianos and have nothing to do with a servant". Revolving closets and an incinerator pocket are standard items of equipment. So is the laundry unit which will hand you back your dirty clothes washed, dried, pressed and ready to use, within three minutes. All floors and partitions are soundproof, all furniture is built-in, the beds are pneumatic, and air conditioning eliminates the necessity for bed clothes at night.

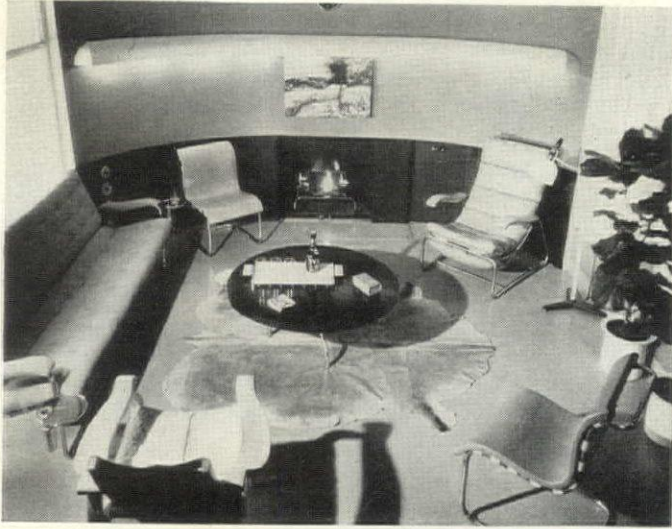
The house would be brought to the site in parts and assembled by the manufacturer's service men. The five-room house weighs only 6,000 lbs., complete with all accessories and furnishings, and could be erected within a day.

The designer estimates that the cost of this type of house in quantity production should not exceed 50 cents per lb.

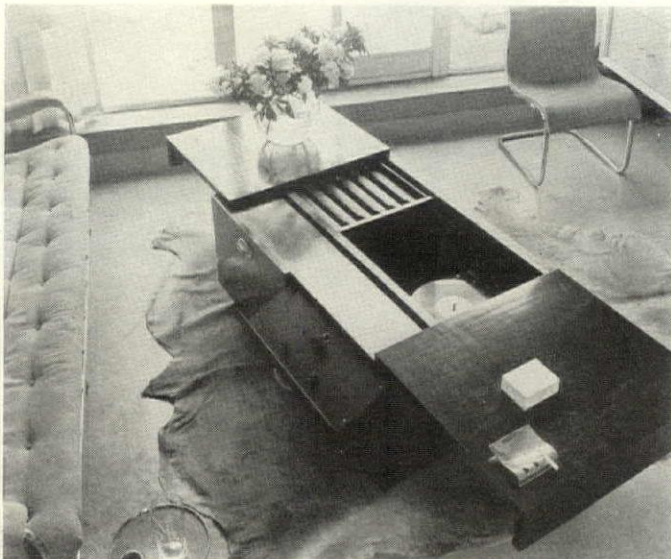
Mr. Fuller points out that this model of Dymaxion house does not represent his conception of the ultimate mass-production house, nor does he even consider it typical of the first models which will actually go into production. But the model, in the opinion of its designer, represented the most scientific answer to the various requirements of the problem at the time of designing. Today a slightly different design might evolve; for the Dymaxion principle is, in final analysis, simply an attitude.

THREE USEFUL ROOMS IN ONE

WHEN Russel Wright, an industrial designer in New York City, found that he had one long narrow room which would have to serve as his chief living room, dining room and showroom, he had to concentrate on the function of every small space and every bit of furnishing. The results are pictured in the illustrations showing how the elements of room construction have been revealed in an interesting, even dramatic, manner; how much of the furniture has been designed for a triple purpose.



This living room center serves also as a showroom. A fireplace is centered on a gray curved wall which provides a show place for drawings



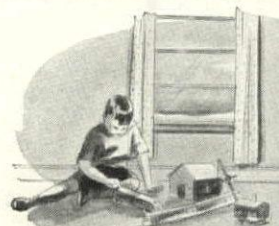
Beside a sofa with an adjustable back for straight-sitting or reclining is a radio-victrola table with a sliding top for convenient extra space



The same dining room center shows a glass wall giving access to a terrace; a storage cabinet with desk compartment, room for books, linen

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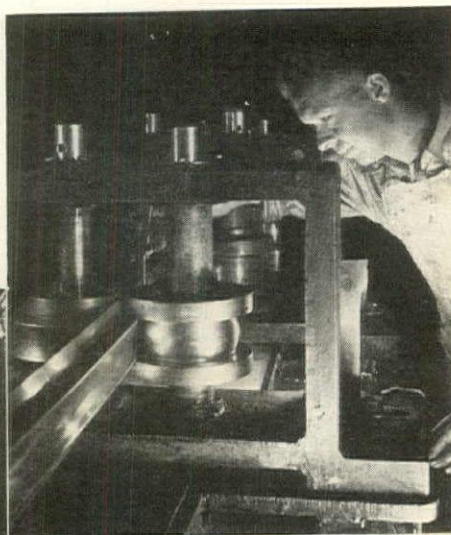
If you stir a carbonated drink with a spoon, or glass stirrer, you throw out the bubbles; when the bubbles are out, the drink is flat; a flat drink is no good. Doesn't that make horse sense?

Learn to serve carbonated drinks the right way, the Billy Baxter way, the scientific, common sense way. You will never regret sending for our booklet and serving self-stirring

BILLY BAXTER

Your dealer can supply you; if he will not, order from retailer advertised in shopping section of this magazine.

RED RAVEN, CHESWICK, PA.



ABOVE RIGHT: The beginning of a modern railway coach. Strips of stainless steel are fed through a series of rollers, and then pressed into various shapes for structural members and exterior sheathing

ABOVE LEFT: No hammer and nails in this business; instead the steel is instantaneously spot-welded with this newly-perfected electric welder. Here the steel window frames are being securely fitted

LE CORBUSIER'S HOME OF TOMORROW

(CONTINUED FROM PAGE 27)

sky, as well as beautiful parks, lawns and forests, and playing fields adjacent to your home. The vertical garden city eliminates lengthy travel between home and business. The city becomes a city once again—a 'green city'. Life can be lived more largely. No longer is our time stolen from us; on the contrary, we have considerably more leisure.

"The country must also be 'reconstructed' so that it is just as attractive to live in as the town. The present-day farm is a remnant of past centuries. The new farm will be healthy, bathed in light, a tool which the farmer will be eager to maintain in good order. Sitting in his living room, he will have a clear view on all sides like the captain of a boat. For the house will be set on pillars, open at ground level but closed in by curtain walls to form a living and sleeping space on the second floor. Living in a house so modern and so efficient will not only increase the countryman's comfort but also give him some of the advantages usually confined to the town."

NEW MACHINES FOR OLD CHORES



THIS "Precipitron" is designed for more efficient air cleaning. It first shoots a positive charge of electricity into the dust particles which, thus ionized, are drawn to a series of negative collector plates. Westinghouse



It Stings the Fuel Bill This Yello-Jacket BURNHAM BOILER

If you have ever been stung by an eight cylinder yellow jacket, you have a fair idea of the rumpus this new Yello-Jacket Boiler can play with your fuel bill.

Besides stinging the bill for heating your home, it also furnishes your bath and kitchen with a constant supply of hot water at practically no cost.

You don't even need the usual hot water storage tank, The Biltin Tankless Taco Heater that's part of the inside of the boiler, does the trick.

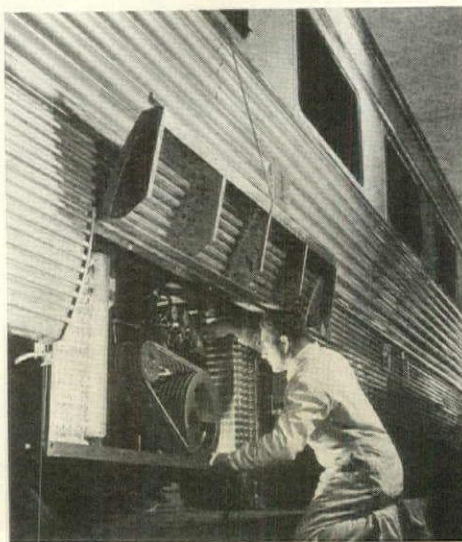
The jacket of this new boiler is especially good looking. Color is a pleasing light dandelion yellow, in an egg-shell finish, baked on enamel.

You can use any fuel, any way you want to. Coal, oil or gas.

That no boiler is anything like this new Yello-Jacket, you'll see for yourself, when receiving the booklet about it, that you will be sending for. That is, if you want your fuel bill stung.

For burning oil, you can have the burner outside in view. Or cover it attractively with the "front porch" which is made to match the rest of the jacket.

Burnham Boiler CORPORATION
IRVINGTON, N. Y. ZANESVILLE, OHIO



ALL PHOTOS: E. G. BUDD MFG. CO.



ABOVE LEFT: Air conditioning is an important factor in modern travel comfort. This technician is making final adjustments on the streamliner's compact cooling unit before the car leaves the shops

ABOVE RIGHT: The interior of the finished coach is as modern as the stainless steel structure which it conceals. The carpets, wall coverings, trim and upholstery are worthy of a fine modern home



THIS cold stove will fry an egg but will not burn a newspaper. By electric induction the molecules of the frying pan are rapidly magnetized and demagnetized, bump together, generate high temperatures. General Motors

ROYAL BARRY WILLS' HOME OF TOMORROW

(CONTINUED FROM PAGE 26)

of living room, dining room and hall you just have one big area and sort of ooze from one part to the other.

BORROW FROM THE PAST

"We must start afresh—but not with Modern! Let's keep all the features of the old that are good, and take all the features of the new that are good. The past may not be good to copy, but it is accumulated experience and should not be thrown aside.

"It tells us, for one thing, that all good architecture has been local. The Home of Tomorrow, then, cannot be the same in all parts of the country. The pitched roof is good, so let's save it. Big windows are good, let's save them. Functional planning is good, let's save that. Let's orient the house to the sun; we're a nation of sun-worshippers anyway. Let's keep rooms where we need them; let's not open up everything.

"Equipment must be as modern as Modern. Heating must be improved. Present heating equipment is awkward and clumsy, ill-suited to our needs. It seems possible that individual units in

each room will be the solution of the heating problem—a sort of 'Back-to-the-Stove' movement, but this time, perhaps, electrical units set in the walls. Electricity is getting much cheaper, so are thermostats, motors and fans.

"Bathrooms are too expensive. We must, and will, have a unit bathroom. Fixtures should be combined; enamelled iron is too heavy, there must be a new material for fixtures, some form of plastic. We feel the necessity for a flexible soil pipe too.

"A new wall covering, to replace tile, is necessary; laying tile slows up construction too much. Plaster is on the way out. We need a new cheap dishwasher; it should cost not much more than a sink. And we need a new type flooring, like linoleum but much cheaper, if possible.

NO CELLARS

"Cellars are out. They are too damp, messy and unhealthy. A cellar is a big expense, and with electric heating possible the last excuse for it is gone. Storage must be provided,

however, and space for tools. The garage must be near the street; no more shoveling of snow.

IN THE FUTURE

"The Home of Tomorrow will be built as a shell, just like an office building, with partitions of easily changeable construction put in later. Plastics will produce cheaper window frames and sashes; lightweight glass is already on the market, and it will soon be possible to dispense with balances on double-hung windows. Doors will soon come complete with frames and hardware. Chimneys will be of iron or steel, sufficiently insulated so that they are safer than brick. Roll roofing, of a type now being developed, will supersede ordinary asphalt shingles. Painting will be largely eliminated, as wall boards will be prefinished in the factory. Building laws will be changed; they are ridiculous now. With all these improvements construction time will be easily reduced to less than 30 days. And that, of course, means a saving in dollars."

QUESTIONS AND ANSWERS ON COLORS

HOW TO TREAT A ROUND LIVING ROOM

My living room is small and round in shape. It has three windows and three doors. I am thinking of painting the walls and woodwork "off-white" and the ceiling and backs of the bookshelves a light apricot. Would the contrasting colors make the room look smaller? If so, what do you suggest to make it look larger?

W. L., Montgomery, Alabama

ANSWER

Off-white walls and woodwork will make the room look spacious and light but if you paint the ceiling apricot, the contrasting color will tend to bring the ceiling down and make the room look lower and smaller. As you like apricot, why not paint the walls and woodwork a light tint of this color and make the ceiling off-white? You can then paint the backs of the built-in bookshelves a darker apricot, if you so desire. Inasmuch as you have three doors and three windows in your living room, I assume that you have quite a good deal of woodwork and for this reason, I would suggest that you paint it the same color as the walls.

This treatment can always be used effectively if the room is large enough. Upholster the club chair in a small self-design chevron patterned fabric and the ottoman in a solid color.

WHAT COLORS WITH CHERRY WOOD?

I have encountered various problems in furnishing a three room apartment. I plan to use cherry wood Early American furniture throughout. The living room rug is medium blue and gray rose. Please suggest a color scheme and material for sofa, barrel and wing

chairs. Could subdued paper be used for the walls or is paint preferable? What color woodwork? What color for the bedroom using one of the living room colors plus white?

M. R. W., New York City

ANSWER

Taking into consideration your medium blue and gray rose rug, I would suggest that you paint the walls and woodwork of your living room a very pale clear yellow or else a pale shade of soft gray. Choose a gay flowered chintz in blues, soft rose, green and white with touches of yellow, if possible. Cover the wing chair in the same chintz and have the barrel chair upholstered in a soft rose colored fabric with a self-chevron design. If you prefer paper for the walls, use a quaint Colonial design. However, painting the walls a light color will make the room look larger. In the bedroom you might use a Colonial wallpaper with a tiny floral pattern in red, blue and green on a yellow background. The curtains could be of the same yellow as the paper, with a very narrow blue trim. Make the bedspread medium blue. The dressing table skirt can be of chintz with a tiny flower design of red or rose and lighter blue. Cover the dressing table seat in red or rose and use ac-

cents of this same color in your lamps and accessories.

CAN BLUE AND YELLOW BE COMBINED?

Would you please give me some suggestions for a color scheme for a bedroom—curtains, rugs, spreads, wall-paper and an easy chair? The room is on the north side, quite light and the size is 13' x 12'. I do not want to use green or brown. The woodwork is ivory and the furniture mahogany. I had thought of using blue and yellow.

H. C., New Haven, Conn.

ANSWER

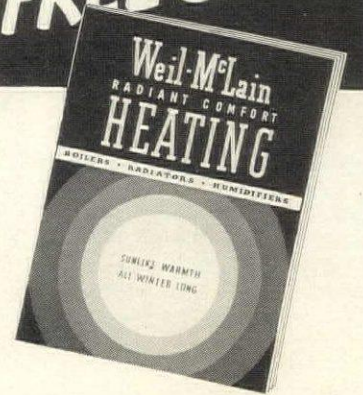
Blue and yellow would be very effective in your bedroom if used in the following manner. Make the curtains of yellow, blue and ivory striped silk material and have glass curtains of ivory colored thin silk. Have your wallpaper in a turquoise blue and a deeper blue rug for the floor. Your bedspread may be white with a yellow trim and the easy chair can be covered in a yellow chintz combining blue and some other soft colors. A slightly different idea would be to have the wallpaper in blue, white and yellow, plain yellow curtains, deep apricot chair and the rug and bedspread the same as mentioned above.

EDITOR'S NOTE

For the illustrations used on pages 4, 5, 6, and 7, acknowledgments are due to: New York Public Library, Museum of Modern Art, Forest Products Laboratory, Johns-Manville, William Lescaze, Le Corbusier, Federal Housing Administration, Fairchild Aerial Surveys, Gomez

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