The New
Atwater Kent Radio
With the
Golden Voice

NOW hear famed high-lights of opera, concert, drama, screen—the masters of melody, laughter, song—in all the wonder of their own individuality—through the golden voice of the new Atwater Kent.

Hear a gorgeous tenor, as the golden strains of the famous "Vesti la giubba" aria from "Pagliacci" pour from his million-dollar throat.

That dance tune you love so much—you can almost see the swing of the baton as the blazing rhythm and golden melody surge through your living-room.

Whatever your kind of music or choice of program, get it as it really is, through the golden voice of the new Atwater Kent—true, pure, glowing with life.

Prove at your Atwater Kent dealer’s how this rich, unrivalled golden voice is ever present—whether the station is near or far; whether at full volume or soft and low. The new Atwater Kent models with the golden voice, ready at dealers’ stores August 1.

Home is the real place to judge the golden voice of the new Atwater Kent. Your dealer will gladly arrange a home demonstration. And let him tell you about the attractive time payments.

On the Air—Atwater Kent Radio Hour, Sunday evening 9:15 (Eastern Daylight Time) WEAF network of N. B. C.

Atwater Kent Manufacturing Company
A. Atwater Kent, President
4743 Wissahickon Avenue, Philadelphia, Pa.
TIFFANY & CO.
JEWELERS, SILVERSMITHS, STATIONERS

CLOCKS
A Large Selection
Within a Wide Range of Price

MAIL INQUIRIES RECEIVE PROMPT ATTENTION

FIFTH AVENUE & 37TH STREET
NEW YORK
It’s easy to create such charming rooms with Kittinger Furniture ∫ ∫

A FEW pieces added occasionally to each room in your home... replacing furniture that has long passed its usefulness and charm... brings new dignity and heirloom beauty within the reach of modest... incomes.

KITTINGER faithfully reproduces many genuine old pieces... creates modified designs of authentic Period influence to meet present-day comfort with luxury.

You will find a wonderful new satisfaction in choosing from over seven-hundred pieces in the Kittinger Line of harmonious Period design... from hall, through living room and dining room, to bedroom. There are also many distinctive pieces for the executive office, apartment, club and hotel.

A cordial welcome awaits you here

You will be well repaid with a visit to our nearest showroom... with your decorator or dealer if you desire... that our representatives may help you in a more careful selection... within your means. In New York—at 205 East 42d St.; in Chicago—at 455 East Erie St.; in Buffalo—at Factory Showroom, 1895 N. Elmwood Ave.; and in Los Angeles—at Factory Showroom, 1500 S. Goodrich Blvd. For current literature, address Kittinger Company, Dept. 106, North Elmwood Ave., Buffalo, N. Y.

KITTINGER Distinctive Furniture
Decorators and their clients are cordially invited to visit the new Johnson & Faulkner Building, conveniently situated on Fifty-third Street, just west of Park Avenue in New York. Every detail of this building has been designed for the special purpose of presenting decorative fabrics in the most modern and convenient manner. Here one may inspect, under ideal conditions, a comprehensive display of faithful reproductions of antique tapestries, brocaded silks, damasks, embroideries, as well as printed linens and other quality textiles. Indeed, one will find in the new showrooms an almost unlimited choice in the selection of any type of decorative fabric that may be desired.

JOHNSON & FAULKNER
Established 1823
NEW ADDRESS
43-49 EAST 53rd STREET, NEW YORK
Wholesale Only

BOSTON
420 Berkeley Street

PHILADELPHIA
1528 Walnut Street

CHICAGO
1512 Heyworth Building

PARIS
50 Faubourg Poissonniere

SAN FRANCISCO
442 Post Street

LOS ANGELES
816 South Figueroa Street
CLOCKS

That Add Beauty
To The Fleeting Moments

A clock is symbolic of your wish for long life and happiness when you present it as a gift. For yourself, it strikes an animated note in the decorative setting. To all who behold it, it can be a thing of artistic creation and notable performance. Altman clocks are widely famed.

Panel clock for mantle. Dial is a hand-painted reproduction of an old tapestry. Mounted on green-and-black marble base. 18-jewels, 8-day movement . . . $125.00

3-piece French clock set of white Italian marble and beautifully detailed bronze figures. 8-day jeweled movement . . . . . . set $250.00

English clock made in the manner of those three centuries ago. Quarter hour strike, walnut case, etched dial. 8-day jeweled movement . . $95.00

Desk or boudoir clock with ruby crystal fish ornament. Nickeled frame. 18-jewels, 8-day movement . . . $75.50
In this new pattern—in bone china—has been produced the first Wedgwood design from an entirely American inspiration. For its creation, the artist traveled to the West to see one of America's glories—the wild flowers of the plains and prairies in the early Spring. Here, indeed, he found a new enchantment, scarcely to be equalled in the whole world; this he has happily symbolized in Wedgwood's latest design—Prairie Flowers.

Upon request we shall be pleased to send you a copy of our illustrated booklet.

Josiah Wedgwood & Sons, Inc.

160 FIFTH AVENUE • NEW YORK

Mark on China
Potteries: Etruria, Stoke-on-Trent, England

Josiah Wedgwood & Sons, Inc.
The Corner Shop mirrors, both Collectors’ Pieces and reproductions, are brought from abroad. Our aim has been to offer practically every type of mirror for every type of home and we think we have achieved it. Come and see if you think so too!

Photographed above: An Italian mirror carved and gilded, $198.00
A charming French trumeau, $119.00

MACY’S
34th Street and Broadway
New York
SWIMMING POOLS
We plan and build private swimming pools.

Our Department for Tiling has installed some three hundred indoor and outdoor swimming pools in the United States and Canada, using tile especially manufactured for us for this purpose.

We also specialize in tiles for Sun Parlors, Loggias, Terraces and Bathrooms, and have had long and varied experience in the actual execution of this special work. Our staff of experts is at your service, and we are ready at any time to consult and advise on work required. You are invited to communicate with us direct, or through your Architect or Decorator.

Wm. H.

OVER A HUNDRED YEARS OF SERVICE TO THE
enjoy life to the full ~~~
at play and in repose

ONE spot, beloved over all... your garden! Whether it be large or small, the secret of its charm is in how skilfully you complement the bounties of Nature with the beauties of human creation. For generations it has been our privilege to cooperate in giving to the gardens of our patrons, that atmosphere of charm and distinction that contributes to the full joy of living. Indeed, taste and appropriateness are as important in garden fitments as in the furnishings of a home—while lack of ornamentation is felt as much in a garden as it is in a room. Thus it follows that suitable and ornamental pieces for the well-considered garden should be carefully chosen with a view of expressing one's own individuality. This may be done in two ways: either by personally exploring the Old World hiding places that may thus disclose the indescribable charm of Old World Gardens; or by relying on our years of experience in garnering these treasures for you.

We offer a fascinating variety of hand-hewn marble and stone furniture imported from garden-loving Italy—each piece destined to enrich and embellish the garden of some distinguished American home. If you cannot come, write us so that we may proffer suggestions and send photographs of available pieces. Address us at New York, Dept. HG.

God gave all men all earth to love,
But since our hearts are small,
Ordained for each, one spot should prove
Beloved over all.

—Kipling

Jackson Company
2 West 47th Street, New York
318 No. Michigan Ave., Chicago

Prominent Families in The Social Register
Happily

Reminiscent is this

Charak Mixing Table

The original mixing table is illustrated on page 203 of "A Handbook of The American Wing", published by the Metropolitan Museum of Art, New York City. The above illustration shows the right decanter drawer slightly opened. It is an authentic reproduction of the original.

Thomas Sheraton—born in 1751—was the last of the great English woodworking designers. His furniture is noted for lightness and grace obtained by a harmonious and perfectly proportioned combination of undulating lines. Sheraton built the first roll-top desk and, incidentally, the first twin beds.

The hospitality of Colonial Days is delightfully suggested by this beautiful mahogany mixing table. Its marble top and decanter drawers bespeak a design thoughtfully evolved for a particular use; the tamboured roll-top is a delicate bit of complicated construction. The original, which is now in the Metropolitan Museum of Art, formerly graced a fine old Baltimore mansion. The Charak piece is a faithful reproduction in every respect. See the opposite page for list of stores where the Charak mixing table may be seen. Charak manufactures an extensive selection of authentic reproductions of Early American Furniture for living room, bedroom, dining room and hall.

Charak Furniture Company, Inc. — Boston, Mass.
### DEALERS LISTED BELOW

#### DISPLAY THE Charak MIXING TABLE

<table>
<thead>
<tr>
<th>State</th>
<th>Dealers</th>
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<tbody>
<tr>
<td>ALABAMA</td>
<td>Hawkins-Israel Co., Inc.–Birmingham</td>
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<tr>
<td>CALIFORNIA</td>
<td>City of Pittsburg–San Francisco</td>
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<td></td>
<td>A. P. Martin Co.–San Francisco</td>
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<tr>
<td></td>
<td>Guy Belden 1355 E. Green St., Pasadena</td>
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<td></td>
<td>Penn Furniture Co. 150–2nd St., San Mateo</td>
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<tr>
<td>CONNECTICUT</td>
<td>The Thompson Shop, Inc. 32 Elm St., New Haven</td>
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<td></td>
<td>C. Funk &amp; Son, Inc. 11 Prospect St., Bristol</td>
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<td></td>
<td>Wayside Furniture Shop 120 Turnpike, Milford</td>
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<td>Greenwich Electrical Co.–Greenwich</td>
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<td>G. Fox Co.–Hartford</td>
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<td>DELAWARE</td>
<td>Elwood Souder Sons &amp; Co. 9th &amp; Orange St., Wilmington</td>
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<tr>
<td>DISTRICT OF COLUMBIA</td>
<td>Woodward &amp; Letshep–Washington</td>
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<td>ILLINOIS</td>
<td>Marshall Field Co.–Chicago</td>
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<td>Beyer-Marshall Co., Inc.–Peoria</td>
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<tr>
<td>INDIANA</td>
<td>Sandier &amp; Recker Furniture Co., Inc. 45 S. Meridian St., Indianapolis</td>
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<tr>
<td>KENTUCKY</td>
<td>Dave Boss 1323-1325 Bardstown Rd., Louisville</td>
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<td>C. F. Brower &amp; Co.–Lexington</td>
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<td>LOUISIANA</td>
<td>Marc Antony 1432 St. Charles Ave., New Orleans</td>
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<td>Johnson Furniture Co.–Shreveport</td>
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<td>MAINE</td>
<td>Bangor Furniture Company–Bangor</td>
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<td>MARYLAND</td>
<td>John C. Knipe &amp; Sons 325 N. Charles St., Baltimore</td>
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<td>MASSACHUSETTS</td>
<td>R. H. Stearns Company–Boston</td>
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<td></td>
<td>Scherber Studios 664 Boylston St., Boston</td>
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<td>John H. Power &amp; Sons Co. 645 Washington St., Boston</td>
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<td>Wm. Leavens &amp; Co., Inc. 33 Canal St., Boston</td>
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<td>Forbes &amp; Wallace, Inc.–Springfield</td>
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<td>Red Lion Shop–Springfield</td>
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<td>Botzack Furniture Co.–Taunton</td>
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<td>Robert K. Wesson, Jr.–Worcester</td>
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<td>MINNESOTA</td>
<td>The New England Furniture &amp; Carpet Co.–Minneapolis</td>
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<td>MISSOURI</td>
<td>The Lambert Furniture Co. 911-919 Washington Ave., St. Louis</td>
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<td>Robert Keith Furniture &amp; Carpet Co. 2356 &amp; Baltimore Ave., Kansas City</td>
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<td>NEW JERSEY</td>
<td>Shults &amp; Behle 1000 Broad St., Newark</td>
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<td></td>
<td>Atlanlan Bros., Inc. Harrison St. at Central Ave., East Orange</td>
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<td>Lane Studios 41 Church St., Montclair</td>
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<td>John Hummer 35 W. Ridgewood Ave., Ridgewood</td>
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<td>Wm. J. Converse Sons &amp; Co. 139 N. Broad St., Trenton</td>
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<td>NEW YORK</td>
<td>B. Altman &amp; Co. 215 W. 35th St., New York</td>
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<td>Arnold H. Warmoltz 692-694 Fulton St., Brooklyn</td>
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<td>Whedon, Inc. 230 Delaware Ave., Buffalo</td>
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<td>Wm. M. Whitney Co. 11 N. Pearl St., Albany</td>
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<td>Willard Shop, Inc. 244 Fulton Ave., Hempstead</td>
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<td>Henry King’s Sons–Patchogue</td>
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<td>Weinberg’s, 589 Main St., New Rochelle</td>
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<td>E. M. Alsheid 416 S. Salina St., Syracuse</td>
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<td>Robert J. Shaw, Inc. 335 S. Broadway, Yonkers</td>
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<td>NORTH CAROLINA</td>
<td>Thomas–Yelverton Co.–Wilson</td>
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<td>W. T. McCormick &amp; Co. 433-435 S. Tryon St., Charlotte</td>
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<td>Hatfield Equipment Co.–Winston-Salem</td>
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<td>OHIO</td>
<td>Halle Bros.–Cleveland</td>
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<td></td>
<td>The A. B. Canfield Co. 112 West Fourth St., Cincinnati</td>
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<td>The M. O’Neil Co.–Akron</td>
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<td>John P. Demco Co. 1312 Sycamore St., Cincinnati</td>
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<td>PENNSYLVANIA</td>
<td>John Watanasak &amp; Sons Philadelphia</td>
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<td>Boggs &amp; Reul, Inc.–Pittsburgh</td>
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<td>Watt &amp; Shand, Inc.–Lancaster</td>
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<td>Penney’s, Inc. 45th &amp; Market St., Harrisburg</td>
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<td></td>
<td>Huff Music Store, Main &amp; Market Sts., Bethlehem</td>
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<td></td>
<td>Troup Bros., 3 N. Market Sq., Harrisburg</td>
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<td>Sammy &amp; Werner–Allentown</td>
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<td>RHODE ISLAND</td>
<td>Jos. Marcus Co.–Providence</td>
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<td>Riber’s Wayside Furniture Shoppe–Westerley</td>
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<td>TENNESSEE</td>
<td>Period Furniture Co. 2410 West End Ave., Nashville</td>
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<td>Boggs-Rice Co.–Bristol</td>
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<td>TEXAS</td>
<td>The Case Co., Inc.–Houston</td>
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<td>Fiske &amp; Co., Inc.–Fort Worth</td>
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<td>The Case Co., Inc.–Beaumont</td>
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<td>VIRGINIA</td>
<td>Boggs-Rice Co.–Bristol</td>
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<tr>
<td>WISCONSIN</td>
<td>Knole Furniture Co.–Milwaukee</td>
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**CHARAK FURNITURE COMPANY, INC.**

Faithful Reproductions of Early American Furniture in Mahogany and Maple

**FACTORY AT BOSTON, MASSACHUSETTS**

<table>
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<tr>
<th>NEW YORK</th>
<th>BOSTON</th>
<th>PHILADELPHIA</th>
<th>CHICAGO</th>
<th>LOS ANGELES</th>
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<tr>
<td>One Park Ave.</td>
<td>90 Clarendon St.</td>
<td>2409 Chestnut St.</td>
<td>KNAPP &amp; TUBBS, Inc.</td>
<td>R. G. BINGHAM</td>
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<td></td>
<td>830 So. Walton Ave.</td>
<td>7216 Beverly Blvd.</td>
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Upon request, we shall be pleased to send you a copy of The Charak Primer—a very interesting little book, telling the story of Colonial Furniture in the American Home.
THE modern household requires its electrical fixtures to be numerous and conveniently located, and to this end the various stores are showing accessories which permit the operation of two or three electrical appliances where only one was formerly used. For example, by means of multiple tap devices it is possible to operate a toaster, percolator and one of the new egg boilers in a room equipped with only one available outlet. These devices set upon a table and the various plugs are fitted in. Two portable fixtures, each having four outlets, are shown in a mottled marble effect and in a blending of black and scarlet. The plugs are made to harmonize. Another fixture is conical in shape and the plugs can be tapped in at any point by merely inserting the prongs into two parallel grooves which circle the cone. Available in a color combination of black and red.

A colorful and practical addition to the breakfast table is a device with a clock mechanism which will assure you of having eggs cooked or coffee "perked" just the right number of minutes. The plug attached to this feature is cut into the electric outlet and then the plug from percolator or egg-boiler is set into the timer. An adjustable lever starts the current and controls the number of minutes it is to run. Two outlets are provided, one operated from the clock mechanism and the other independent. The case is moss green and designed along modernistic lines.

Bakelite has been used for all these devices. One of the best insulators against electricity, bakelite is incapable of corrosion and its appearance is colorful and lustrous.

FOR the many who enjoy informal buffet suppers Oxington is offering Sunday night supper trays, of a lacquered metal in a wide variety of colors, including orchid, yellow, gold, peach, red, orange and two shades of green. The trays are twelve inches wide and seventeen inches long, and come in sets of four or eight. Accompanying each is a fringed doily and napkin set in a harmonizing color with a checked or appliquéd fruit design.

OF a similar appearance to the above is the invalid's bed tray, for either child or adult. These are long enough to reach almost across a single bed and are mounted on short
Colonial Coverlets
Prices Greatly Reduced
Hand Tied Canopies
Valances, Hooked Rugs

Authentic reproductions of old designs woven in the mountains of Virginia. Colonial Wing Chairs.
"Country Style Tabler"
Write for free booklet giving histories of the old designs.
LAURA H. G. COPENHAVER
"Rosemont" Marion, Virginia

MARY RYAN is showing kitchen ensembles that are
bound to bring additional charm to even the gayest of
kitchens. The set consists of a tin waste basket, a cover for
cake, a tray, and a wooden jar to keep cookies or biscuits fresh.
The last is built along the lines of the old-fashioned cookie
jars of fond memory. Such a wide selection of color combina-
tions is available that practically every kitchen, no matter
what its color scheme may be, can be outfitted with an appro-
ropriate set. The schemes on display include black with a red
polka dot, blue with white, yellow or green dot, green with
an orchid dot, and a number of others.

Artcraft Furniture
A wide array of charming and unusual pieces, sold unfin-
ished or we will finish to order.

FINISHED DEPARTMENT
In addition to our Unfinished pieces, we have a fascinating Finished Department, specially featuring Colonial furniture.
Our beautiful catalogue showing 23 room settings, with full descriptions and prices, sent on receipt of 25c, stamp or coin.

Artcraft Furniture Co.
235-217 East 58th St.
New York City

PHONE: W ICKRETHAM 3647

Formerly at 201-203 Lexington Ave.

DIRECTOIRE DAY BED. LENGTH 6' 6", WIDTH 2' 4", HEIGHT 2' 10"

DIANE TATE AND MARIAN HALL, INC.
801 MADISON AVENUE - NEW YORK
Old English and French Furniture

Bookcases
Large or small—wide or narrow—unpainted or fin-
ished to conform to any decorative scheme

HEARTHSTONE FURNITURE COMPANY, INC.
224 East 57th Street, New York City

GARDEN FURNITURE
Outdoor garden ornaments of Pompeian Stone, Laid, Terra Cotta and Marble will be found on exhibition in our Studios.

THE ERKINS STUDIOS
253 Lexington Avenue at 35th Street
New York City
A distinctly individual linen or blanket cabinet

The FLORENTINE CRAFTSMEN, Inc.
Masters of the Metal Arts
45 East 22nd St., New York
Phone Murray 2229

No. 111 English Colonial lantern, made in three different sizes, also with chain for ceiling use, wired complete and furnished with either antique white or amber glass.

PERIOD FURNITURE

PORTER AND PORTER
625-627 PEACHTREE ST. N.E.
ATLANTA, GEORGIA

INTERIORS

ANTIQUES

The Fine Art

of making lovely chintzes has been extended most graciously to THE VENDEE a chintz by Paul Dumus, Paris, with its graceful groups of sun-ripened fruit and full blown flowers. Occasional brightley feathered birds contemplate the luscious fruit on live lovely backgrounds. Price $1.65 a yard.

For The Room

whose walls need brilliant color and an arresting design, the scenic wall paper DECOR CHINOIS by Zubler & Cie, Alsace, is the ideal choice. Birds and flowers of strange device are used to form a fascinating pattern of Chinese intricacy.

THE DEAUVILLE

Smartly stippled with color and delicately hand outlined with flowers in the small bedroom of THE DEAUVILLE. The help here go fast, but very low rents. The smart and charming little den is furnished with a small room delightfully. Finished in old ivory stippled with green.

Illustrations upon request. Can be ordered through your local Decorator or direct from

A. L. DIAMENT & CO.
Importers, Jobbers and Retailers of Interior Furnishings
101 & 119 Park Ave., New York
1515 Walnut St., Philadelphia

STAYBRITE NO-TARNISH TISSUE

Banish Tarnish
from choice Silverware-
Wrap your least used pieces of silver in Staybrite No-Tarnish Tissue. When you want to use them, lo-and-behold, you find them gleaming in their fullest brilliance! This chemoically treated, patented tissue is now available in better class department stores, twenty-four sheet rolls 25¢ a roll. Or write for special 48 sheet package $1.00 prepaid.

Windsor Locks, Connecticut

Leathered, felted, and furnished for ceiling use.

Mr. Child plans and supervises residencess throughout the East and South, and these books also show representative examples of his work.

"STUCCO HOUSES" (cloth) 14¢ a
26¢, 24 designs mostly two-story, $15.00 to $100,000 to erect. English, French, Italian, Spanish styles. Price $10.00 delivered.

"VONIAL HOUSES" 11 3/4 x 19 inches, 30 two-story designs, $15.000 to $300,000 to erect. Price $5.00 delivered.

Each Contains: Exterior Views, Plans, Descriptions, Estimates, Check this call and see the books

HENRY T. CHILD, Architect
Suite 227, 298 Walnut St., & 4th St., New York
to be seen along with some fine old wall paper screens suitable for 18th Century French and English rooms. An unusual collection of old brocades, maps and prints affords plenty of material for screens of all types.

THE Screen Shop features every type of screen but leather, although leather is used for bindings and hinges when desired. All the screens in this shop are so finished that they are waterproof, washable with soap and water, and practically indestructible. Turquoise blue silk moire with a printed stylized flower design makes an attractive screen for a bedroom furnished in the contemporary manner. Painted marine views form excellent themes for a screen in the boy's room, as do also designs picturing air adventures. A black screen with brilliantly colored birds, flowers, and fruits is suggested for a Chinese Chippendale room. Attractive screens for children's rooms are painted in soft colors with applied Mother Goose motifs.

TERRE COTTA HARDWARE IN NATURAL COLORS

Genuine Reed Furniture

We are constantly Furnishing Prominent Homes, Hotels, Clubs, and Yachts with Distinctive Reed Furniture, and Decorative Fabrics.

 Vie THE REED SHOP, Inc.
 137 EAST 57th STREET, NEW YORK

578 Madison Ave. New York, N.Y.

We are makers of Wicker furniture for the new Breakers, of Palm Beach, The Dunes Club, Miami Biltmore, Hotel Commodore and most prominent clubs and homes in America.

FREE ILLUSTRATED CATALOG

Gran Central Wicker Shop Inc.
217 East 42 nd Street, New York

Inn Wood Basket


HABITANT SHOPS
BAY CITY MICHIGAN

VOGUE'S BOOK OF ETIQUETTE

The reasons for good manners, and the rules and customs which families of breeding and tradition observe today in social intercourse.

530 pp. $4.

VOGUE
GREENWICH CONNECTICUT

STUDY INTERIOR DECORATION AT HOME

Delightfully arranged courses for professional and cultural use. No previous training required. Unlimited opportunities in this fascinating profession. Full instruction in selecting and assembling period and modern furnishing, wall treatments, fabrics, color schemes, draperies. Home study course conducted by leading New York decorators. START AT ONCE. Full information may be obtained by sending for free booklet 2G.

Also

RESIDENT DAY COURSES

Start October 3rd. Send for catalog 2R

The NEW YORK SCHOOL OF INTERIOR DECORATION
370 Madison Ave.
Established 1918 N.Y.
SOME TIME YOU MAY NEED TO BE DOCTOR

IT ISN'T simply a matter of being prepared . . . though troubles are apt to come when least we expect them. But common sense and consideration for other people would seem to imply, especially when one is traveling, that ordinary medical precautions should be taken.

In a moment of emergency . . . a ragged cut . . . a burn . . . perhaps a serious fall . . . there is comfort in knowing that antiseptics, clean bandages, and adhesive tape lie within easy reach. Even administered by unpracticed hands, they bring relief and peace of mind until a doctor can attend . . . and not infrequently, prevent a critical illness.

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Graybar Building, Lexington at 41st
New York City

HOUSE & GARDEN readers, because of their natural interest in gardens and fine architecture, are logical real estate prospects. If you have property to sell, why not advertise it in House & Garden?

The House Itself Grows Overnight—Its Beauty Grows for Years

IF YOU WANT AN ATTRACTIVE, COMFORTABLE VACATION HOME—AND ONLY YOUR DREAD OF THE FUS AND DELAY OF BUILDING HOLDS YOU BACK—THE HODGSON METHOD IS THE ANSWER TO YOUR WISH

You choose a floor-plan from our booklet; we build your home in sections and ship it to you ready to erect. With local help you can have it put up in a short time, without litter, confusion, or unexpected expense. If you want us to handle the job completely, we will send a Hodgson construction foreman to supervise all details.

People of means are choosing Hodgson Houses, even when price doesn't count. For the quiet charm of a Hodgson House comes from architectural "fitness" and good taste. Each year its beauty seems to increase... so simple are its lines; so well does it blend with rugged landscape or leafy background.

The sections fit tightly together, held rigid by heavy key bolts, and the finished house is sturdy and durable. Hodgson Houses everywhere have withstood the severest storms. You will have no repairs for years. Selected cedar and Douglas fir are used in construction. Details are carefully finished. Solid brass hardware, glass doorknobs, Walls, roof and floors are insulated with Celotex.

Our free illustrated book G gives you a great variety of pictures, plans and prices. Also shows furnishings and outdoor equipment. Write for it today, to E. F. Hodgson Co., 1108 Commonwealth Avenue, Boston, Mass., or 6 East 39th Street, New York City.

HODGSON Houses
A Beautiful Home owes much of its charm to its windows.

Home builders realize today more than ever before the importance of choosing only highest quality glass for windows. For no other single factor contributes so much toward making a home truly beautiful and truly livable as do beautiful windows...

Home builders and architects everywhere have accorded Libbey-Owens-Ford glass an overwhelming preference because Libbey-Owens-Ford is of highest quality — with a rich, sparkling lustre — truly flat and exceptionally clear... To achieve the utmost in window beauty always specify Libbey-Owens-Ford “A” quality glass.

Each light carries the familiar L·O·F label — for your identification and protection.

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Libbey-Owens-Ford
flat drawn clear SHEET GLASS
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Sound in health; character and excellent dispositions the result of careful mating. Every Chow puppy will be ideal as pet or companion for child or adult.

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Chow Chow

Obedience

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We have a large collection of superb dogs of selected breeding by noted stud dogs. Puppies are healthy, of correct type and sturdy. They are free of eye and skin diseases. Quality—not Quantity

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Scotties possess the personality and character that make their possession a never-ending joy and give a sense of protection to all the members of the family . . . .

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Puppies of Family-European and English Bloodlines

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Also breeders and exhibitors of high class Airedale, Scottish and Wire-Fox Terriers.

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All the Beauty, Grace and Distinction of the Collie in One Fourth the Size

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Puppies out of best American and imported stock.

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They are after the famous

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FEED AND TRAIN your dog

KEEP HIM HEALTHY

But to put in condition, fill him, with, exercise, training, dairing, gives twenty-five hints

Q-W DOG REMEDIES

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Your Dog's Own Home

Give your dog a home of his own. Order it from Young's, all assembled, can be painted to harmonize with your residence. Made from solid kiln-dried lumber that won't shrink. Durable and fireproof. Priced from $8.50 to $40.

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205 Depot St. Randolph, Mass.


STONOR DILLY DAILY, the dam of this litter, was Winner Bitch at Hound Shows this year.


STONOR DILLY DAILY, the dam of this litter, was Winner Bitch at Hound Shows this year.


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**THE DOG MART OF HOUSE & GARDEN**

**Sergeant's**

**Medicines for Dog**

The Standard for 53 Years. Safe, effective remedies for all dog ailments. Sergeant's Dog Medicines and Dog Food carried Exclusively by the Birdy Antarctic Expedition. FREE DOG BOOK on diseases, care and feeding of dogs. Ask for your copy. FREE ADVICE on your dog's health. Write for FREE SAMPLE BOX. POLK MILLER PRODUCTS CORP. 1050 W. Broad St., Richmond, Va.

**English Bull Terriers**

Beautiful, Affectionate. Fond of children. Registered A. K. C. puppies for sale. COLEMAN KENNELS 3022 Delaware Ave., Cincinnati, O.

**Perfection Dog Food**

For Dogs. All Breeds and All Sizes. 3-lbs. 65c; 10-lbs. $1.50. Shipped direct in carriers of 16 tens at a time. Please mention House & Garden in your order.

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**2 Squab Books Free**

Bred specks and meat quills. Sold by millions at higher prices than pigeons. Write for free book. Sellings time is now. B. E. 38. Send 20c for complete set.

**SHEPHERD (Police) DOGS**

Choice Shear and Foundation Bred—All Ages. Prize winning puppies for sale. PYE KENNELS (Reg.) MARION, OHIO.

**Dondale Irish Setters**

Special Assortment No. 1-A Makes a yard 7' x 14' x 9' high...including gate...which can be added to later as your needs increase. Costs only $26.50 (add $1.00 extra if you desire "Buffalo" Patented Fence Clips). Send check, money order or N. Y. draft. Shipment made promptly F. O. B. Buffalo, N. Y. (Public sale No. 1776-11-1780). Write for Booklet No. 83-F.

**Buffalo Wire Works Co. Inc.**

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**IRISH SETTERS**

Puppies and Grown Dogs that are true representatives of the breed. Boarding, Grooming, Showing. MILSON KENNELS Rye 1721 HARRISON, N. Y.

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**Here's Just What You Need To Protect Your Pups and Small Animals**

Here's just what you need for the protection of your dogs or other small animals. "Buffalo" Portable Fencing System makes a neat, strong, roomy enclosure. Simply and quickly erected. Easily moved about from one spot to another...making yard rotation easy. Our Special Assortment No. 1-A makes a yard 7' x 14' x 9' high...including gate...which can be added to later as your needs increase. Costs only $26.50 (add $1.00 extra if you desire "Buffalo" Patented Fence Clips). Send check, money order or N. Y. draft. Shipment made promptly F. O. B. Buffalo, N. Y. (Public sale No. 1776-11-1780). Write for Booklet No. 83-F.

**The Dog Mart of House & Garden**

350 Madison Avenue, New York, N. Y.
Insist on BOTH EFFICIENCY and STRENGTH in the Insulating Material you buy.

Efficiency is important, because some insulation boards have greater insulating value than others. Likewise, some have greater Strength than others.

Insulite, the all wood-fiber insulating board, combines both efficiency and strength. A full half inch thick, Insulite gives an eighth more insulation than ordinary 7/16 inch thick insulating boards. And a recent test of four well known insulating boards also shows Insulite has 14% greater strength.

When you build, efficiency makes your home warmer in winter; keeps the cold out; cuts down your fuel requirements; and in summer, Insulite insulation also keeps out the hot rays of the sun, and makes your home cooler.

Greater efficiency and strength are not the only advantages of Insulite. Used as sheathing, it has several times the bracing strength of lumber horizontally applied; as plaster lath, Insulite grips plaster with twice the strength of wood lath.

The use of Insulite is economical, even in the first cost, because the large broad panels are easily and quickly applied, cutting labor costs, and eliminating waste.

Before you build or remodel, make sure the insulating material you use is both efficient and strong. Write for samples of Insulite and make the tests pictured on this page. The results are convincing. Let us send you our free booklet, “Increasing Home Enjoyment”. Write today.

Please send me a sample of Insulite to test, also, your free booklet, “Increasing Home Enjoyment”.

Name: ____________________________
Address: __________________________
City: ____________________________ State: __________
"Fix up the house" with the saving from the lowest cost heat you can buy

Most home owners must look ahead to make room in a crowded budget for seasonal bulges in expense. This year, when planning for the winter, give some serious thought to the heater in your basement. Replace it with a Spencer, and your new heater will pay all the cost of "fixing up the house for winter," besides a comfortable saving that you may keep.

This Spencer Magazine Feed Heater is really a remarkable invention. When it was created, thirty-three years ago, all boilers and furnaces were made with the flat grates dictated by years of tradition. These flat grates require large size fuels to meet technical requirements for draft and combustion. Since small size fuels need a thinner fire bed, and should be fed a little at a time to the fire, the Spencer was built to meet these requirements. Its grates are not flat, but sloped. Its fire is not fed by hand, but by gravity, that makes fuel roll down from the magazine.

The result was not merely a heater that would burn low cost small size fuels—but a heater with automatic fuel feed that gave remarkable control of temperature to secure healthful uniformity. Early Spencer owners told their friends—and the Spencer grew. Even today more Spencers are sold upon the simple recommendation of other Spencer owners, than through any other source.

You can save heating costs by burning small size fuels in Spencer Heaters—No. 1 Buckwheat anthracite or small size by-product coke. You save all the difference in cost between these small fuels and large sizes. No. 1 Buckwheat anthracite for instance costs about half as much as large sizes—and you save all of this difference in price. In addition to this saving, you secure unusually uniform heat—day and night—with all the convenience of a heater that needs attention only once or twice in twenty-four hours. Write for the Spencer Book, "The Fire That Burns Up-hill." It explains the Spencer operating principle in detail.

SPENCER HEATER COMPANY, WILLIAMSPORT, PA. Division of Lycoming Manufacturing Company.

Everybody knows that ordinary heaters require refueling frequently as the fire burns to ash. With a Spencer, fuel is put only once a day into the magazine—illustrated below at (A). Fuel covers the grate to a sloping level controlled by the magazine mouth (B). The fire bed stays at the level shown at (C), for as fuel burns it shrinks to ash (D) and settles on the Gable Grate (E). As the fire bed shrinks more fuel feeds down automatically from the magazine, which holds enough fuel to feed the fire for as long as 24 hours, with only one shaking of the grates.

SPENCER MAGAZINE FEED HEATER

The shrinkage of burning fuel lets more fuel feed automatically from the magazine.
Protect and beautify your home

When you realize what re-roofing with Johns-Manville Asbestos Shingles will add to your home in beauty and real protection, you will not want to postpone this improvement.

First you should remember that once J-M Asbestos Shingles are in place you have re-roofed for the last time! You have ended roofing expense!

Unlike ordinary roofing J-M Asbestos Shingles actually improve with age. Years of storm and sun only serve to strengthen and toughen them. And from the day J-M Asbestos Shingles are on your home, flying brands will no longer carry menace to your family—your property will be completely protected from roof fires.

This protection in the popular American Style Shingles is now available to you at new low prices. Improved manufacturing processes and increased volume have made possible substantial reductions in the price of J-M Asbestos Shingles in a wide range of colors. You can now have, at most reasonable cost, attractive shades of red, green, blue-black and mulberry, with additional blends that provide an almost unlimited variety to choose from.

Choose from this wealth of color

Among these new economically priced Asbestos Shingles you may select distinctive shades, or harmonious blends of modern colors that will bring new beauty to your home—colors that will exactly suit its surroundings and style of architecture. Moreover, a roof of these sturdy, colorful, fireproof Johns-Manville Asbestos Shingles is so decided an improvement that it will add definitely to the value of your home.

The method of applying J-M Asbestos Shingles is simple and economical. Your roofer can easily lay them over your old, worn-out roof, without creating any dirt, or rubbish, or damaging your lawns, flowers or shrubbery.

Since delay may mean costly damage to your house and its contents, plan at once to re-roof now before Fall rains and Winter storms arrive. Our "New Book of Roofs" is filled with interesting ideas for the home owner — how you can protect and beautify your home. May we send you a free copy?

Be safe when you drive

Never forget the necessity of good brakes. J-M Brake Lining is made to meet the severe strains of modern traffic. Tell your garage man to re-line with J-M Brake Lining. It is always wise to rely on Johns-Manville.

Johns-Manville

Rigid Asbestos Shingles

This trademark is also the stamp of quality on Asphalt Shingles, Insulating Board, air-packed Home Insulation and acoustical materials, besides industrial products.
NATURAL STONE TOO COSTLY?
NO LONGER

New way of producing and using ILCO Riplstone brings it within price range of common materials

HAVE YOU, perhaps, envied the beauty of the costly residence of stone, but never considered it for your own less expensive house? Then send for a description of the new way of using stone which makes it practicable for any residence.

ILCO Riplstone is Indiana Limestone prepared for use as a facing material—just as brick or stucco is used. The stone is sawed into strips by machinery at the quarries. These strips, carefully selected as to color, texture and pattern, are shipped direct to your building site. There they are broken to lengths and laid up in the wall.

By this method, you can have the permanent beauty of Indiana Limestone for little more than if you built of other materials. The soft, warm color-tones of this fine natural stone never change except to become more attractive with age. ILCO Riplstone actually proves an economy in the long run.

Let us send you full particulars of this interesting development in building; or put us in touch with your architect. For literature, send the coupon below.

INDIANA LIMESTONE COMPANY
General Offices: Bedford, Indiana
Executive Offices: Tribune Tower, Chicago
TWO NEW EIGHTS BY CHRYSLER

SET NEW STANDARDS FOR EIGHTS

Eights of breath-taking style and smartness . . . Eights of magnificent luxury and riding ease . . .

Eights of silky fleetness, so smooth that touring at any speed is just like coasting or floating . . .

Eights so flexible you can lift your foot off the accelerator at any speed without noise or vibration, and when you step on the gas you feel a tremendous surge of silent, velvety power . . . Eights with Multi-Range 4-speed transmission and gear shift, giving two high-speed gears . . . Eights with such extremely low center of gravity that you take turns at high speeds without sidesway . . . Eights with the safest and surest stopping ability, made possible by Chrysler weatherproof internal hydraulic brakes . . .

Eights designed with that skill and fineness only to be found in Chrysler engineering . . . Eights built to the finest standards in every detail . . . Eights of such manifest quality that you would guess the prices to be much higher than the prices actually are . . . Eights you will be proud to own . . .

Eights you will thrill to drive . . . Eights you surely should examine before buying any new car.
JUST as inevitably as there lies far below the polish and luxury of the modern ocean liner a region of human toil and mighty striving machinery, so surely is the quiet charm of the perfectly appointed house built upon a basis of bare-faced, practical utility. Not all the grace of the Directoire nor the substantial richness of the Jacobean can much avail if the heating plant is inadequate or the kitchen range refuses to cook.

So let the service consideration of the house be paramount—second not even to the architectural style or the mode of the furnishings. The edicts of good taste embrace electric wiring as well as window treatments.
Speeding Service on the Sampler

Wherever summer sports or journeys may take you, there you can buy that favorite of sports-lovers and travelers—Whitman’s Sampler. Even the quaint little resort shops have Whitman’s in the season, always supplied direct from the makers, not through middlemen. You will find Whitman agents in larger towns listed in the Bell Telephone Classified Directory.

Whitman’s Chocolates
Favorites in Forty-Eight States
The Bulletin Board

Garden Visits. Only the nearest gardener will refuse to show his place or permit strangers seeing it, yet there is a limit even to this hospitality. The cry has come from Macedonia in the person of two garden owners whose places were shown in the May House & Garden. Scarcely had the magazine appeared than a pigmy descended on a Baltimore garden shown in that issue and out of sixty persons in the pigmy forty-one came because they had seen it pictured in these pages. But the desperate cry came from a garden owner in Buffalo who simply can no longer work in or enjoy his garden: since it was pictured in this magazine, 2,500 persons have come to share its beauties. And still there are people who say that gardening interest in America is really negligible.

Blue and White. There was a time when blue was the orthodox color for dining rooms, but by slow degrees it has been creeping into other parts of the house. More blue upholstery fabrics are being sold today than heretofore. Which reminds us that only last year House & Garden demonstrated this blue movement by showing how an entire apartment was decorated in various tones of blue to give an effect which was pleasing and notably unified.

Another noticeable feature is the popularity of white lamp bases. They come in immovable shapes and sizes and fit all kinds of pusses. Against pale blue walls what is more interesting and notably unified.

Intelligence and Machines. One often hears the remark, "What's the use of my buying the latest machines when my cook won't use them? She prefers her own old-fashioned ways." And in that comment is both a criticism and an explanation of why much household equipment fails to give the best results.

No machine is capable of functioning more than the intelligence of its user. If the user doesn't understand how the machine works and how it should be cared for, the blame lies not on the machine but on the user. It is absurd to expect untutored raw Irish, Finish under any other kind of servant to run a household machine that even the owner doesn't understand. No household should buy a piece of new domestic equipment until its use is demonstrated both to her and to the servant who is to use it. The general facts in relation to its care and maintenance should be thoroughly understood.

Practically every manufacturer of complicated household machinery offers these demonstrations. One has merely to ask for them. In many cases repair service is available, a fact that should be remembered when purchasing machines. But all the repairing service in the world cannot supply the intelligence and understanding necessary to make a machine function properly. Even fool-proof machinery depends on what kind of fool is running it.

A Great Teacher. The world of taste is poorer today by the passing of Frank Alvah Parsons, President of the New York School of Fine and Applied Arts. Under his tutelage hundreds of young men and women enjoyed the experience of a strict education in the arts and hundreds of others who heard his lectures and read his books felt the stimulating and human inspiration of a man of unerring taste. Interior Decoration owes its greatest growth to his influence. If the homes of America are in better taste today than they were twenty-five years ago, much of the credit is due to that quarter of a century in which Mr. Parsons labored so valiantly.

Tree Conference. Everyone who is interested in trees as indispensable, aesthetic and practical assets to the American scene should welcome the coming of the Sixth National Shade Tree Conference in Cleveland on August 27th, 28th and 29th. The Conference is composed of commercial tree experts, plant pathologists, foresters, horticulturists and others engaged in scientific or regulatory work. The hall will be open to the public without charge.

JERRY INSURANCE. Last spring fire greatly damaged the first house in the land. The White House was nearly destroyed because of faulty fireproof construction. Wide mortar crevices were found in the four inch chimney. This chimney with its unplugged flue was dangerously close to a partition, which, in turn, was not of approved construction, nor fire-stopped as it should have been. Official quarters, at last, make wordy explanation of the facts.

If the home of your president is "Jerry" built, where, indeed, may we look for a well built home and how shall we recognize one? The matter goes far deeper than flues, fire stops and foundation footings. "Most I," asks the perplexed home seeker, "qualify as mason, carpenter, heat, and plumbing contractor, electrician, plasterer, sheet metal worker, roofer, tile setter and painter to erect your own house."

Codes and catchwords set up by manufacturers, associations, labor groups and a host of organizations are helping. But the security they give reaches only a flag. For many of the thousands that buy or build yearly. Only a few of these families, perhaps 10 per cent, feel they can afford to have their architect supervise construction.

Building or buying has been made easier by the owner usually on the short end. In literally millions of cases he has held the bag and very often been overwhelmed by the back-wash of "Jerry" workmanship, a fact grudgingly enunciated by the annual billion dollar bill for repairs.

Oddly enough, hope for relief from this baffling condition comes from an unexpected, though logical, source. Financial institutions, realizing they must protect their investments until mortgage payments are substantially reduced, are organizing departments to inspect dwellings upon which they have made construction loans. As it is far more economical for the great bulk of home owners to pay from income rather than from capital, this factor of periodic inspection should be looked after when financing arrangements for the new home are made. A building and loan association in Shreveport, La., initiated the idea. So gratifying have been the results that other associations are adopting the plan.

"Buyers" should insist that first quality materials are specified and used. But do not assume their use is a guarantee. Good materials may be assembled, through carelessness or ignorance, in a "Jerry" fashion, the result will be costly, disappointing and dangerous. Every house should be critically surveyed by a competent inspector at least eight times during construction.

The Flag at Home. The business of living in high class tenements, otherwise known as apartment houses, has caused to be rising from many a household a touch of equipment once considered essential. It was a pretty poor home that didn't have a lamp, a bed and a toilet. But 100 years ago a fly on the American scene should welcome the coming of the Sixth National Shade Tree Conference in Cleveland on August 27th, 28th and 29th. The Conference is composed of commercial tree experts, plant pathologists, foresters, horticulturists and others engaged in scientific or regulatory work. The hall will be open to the public without charge.

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Form And Light In Modernism

Seen from below, the fixture which provides illumination for the stair-well of a modern penthouse creates a striking pattern of massed elliptical arcs and circles. Pairs of clear plate glass discs separate drums of monel metal and sanded glass. The ceiling is developed in plaster and mirror. Robert E. Locher, decorator.
Modern Lighting Departs
Radically From The
Methods Of The Past

Ely Jacques Kahn

An essential element in the decoration of the modern home is that of illumination. One has been accustomed for so long to consider electric fixtures as accessories to be hung, or lamps to be placed after a room is finished, that it is particularly important to realize in the newer conception of the interior that lighting is one of the major considerations in the basic scheme.

In the first instance, the purpose of artificial illumination is primarily to substitute for sunlight a quality of light that will produce in a given room an effect obtainable from purely natural sources. As a matter of fact, the characteristic lighting fixture is merely a silly recollection of the sconces, oil lamps, torches, chandeliers, that, quite simply and intelligently, permitted our fathers to use the torch, oil, candle, in as logical and attractive a manner as the restricted ingredients might have permitted. The normal reaction to any new material was followed in the application of electricity. The engineers whose wisdom and brilliance effected the incandescent lamp, the theory and practice of transmission of electric current, turned over their startling discoveries to small-souled creatures who cautiously turned gas fixtures into electric monstrosities, charming candle containers into quasi-Colonial what-nots; oil lamps into mongrel forms that have the main virtue of not requiring the trimming of the wick.

The present day sees a new possibility before it. Electric light is not confined to any restriction but that of simple technical considerations known to the most elementary student of the subject.

The layman, the woman considering the lighting of a room, has little choice. One is offered the stock of the average fixture concern that may have the merit of good workmanship, as far as the actual metals or glass are concerned, or one is propelled into so-called modernistic aberrations of glass boxes, distorted with triangular metal trimming. The difficulty is both with the purchaser and the manufacturer. The designer is almost negligible, for, quite unfortunately, the men whose judgment might direct many people towards happier solutions have much to do on specific work of more important calibre, with the result that the average buyer finds relatively little available.

The purchaser must realize immediately that illumination is necessarily an integral part of the design of a room. The entire color scheme, the accents, the dramatic quality that gives character is in a very considerable degree effected by the light, the shadows, the half tones that are the result of intelligent arrangement of lighting sources. Where one

(Above) An ornamental glass plaque, one inch thick and approximately 27 x 40 inches, is decorated with an under-the-sea motif. This is illuminated from below, which brings the carving into relief. The metal stand is finished in silver. Designed and executed by Kantack & Co., Inc.

(Right) An unusual double tiered ceiling fixture, 18 x 30 inches, for the hallway is made up of black glass plates. The light filters through the sanded glass sections. The supports of the fixture are made of monel metal. Robert Locher, designer.
wants light to be purely decorative, to obtain a sparkling note at this or that point, the lighting unit with its necessary metal, wood or glass, will be designed to fit the location properly. A room is very often trite because all of it is strongly illuminated—precisely the reverse of natural sunlight, whose rays, coming from one source, cause flickering shadows and the calm contrast of one wall, at least, in strong color. A room may be quietly lighted, as a library for instance, where, for special work, additional light is available. The sort of lamp which will combine the ideal features of a smoking stand, book rest and flexible light, is still to be produced, for the designer concerns himself far too much with applied decoration. It is almost becoming a truism to assert that function is the basis of design. The architects are gradually discovering that in their big buildings, for the pressure of practice tells them that the historic nonsense they have dished out for years is not only becoming tiresome, but likewise expensive and downright ugly to the eye that has seen the clean sweep of the aeroplane, the stream line of an automobile. Function in the big building may seem to be quite normal, but actually the development from the strange encyclopedia of architectural ornament which the tall building of 1900 demanded to the sweeping simplicity of Raymond Typically German in design is this wall bracket, approximately twelve inches high. The fixture of dull silver and striped opaque glass, was made by Schwitzer & Graef of Berlin. It is suitable for use in simple modern interiors. Contempora

(Above) There are no lamps in the living-dining room of B. Hertzberg shown above. Illumination comes entirely from such built-in sources as the drop shelf below the ceiling, one corner of the fireplace wall, and a corner behind the built-in sofa. Howe & Leese, architects.
Hood's Daily News Building of 1930 meant years of agony, explanation, study, and above all, courage.

In residential work there is, of course, a two-fold obstacle to the consideration of new forms, new principles. In the first instance most people hesitate to experiment, particularly in places where they will be subjected to direct and personal criticism. One is tempted to go Colonial or English because it is so much more comfortable to be free of any strain of thinking. One is also wary of change in the home, because, as a practical matter, one reasons that if for some cause or other one might want to dispose of one's property, the innocuous is always acceptable.

In Europe, almost without discussion, the new mode is taken for granted. Holland, Sweden, Germany, Austria, France, and lately England, have their national characteristics accented in domestic work.

This large fixture (4 feet by 6 feet) is the center panel of the high ceiling of a gallery. The light is filtered through and between thin fins of sanded glass bound in monel metal. Robert Locher

An interesting fixture designed for the stepped walls of a modern penthouse bar, executed in white sycamore with moldings of black ebony, is developed in mirror, clear plate, sanded glass and monel metal. It is suspended from a decorative mirrored and metal trimmed ceiling. Robert Locher was the decorator.

(Right) The dining alcove end of the living room in the apartment of B. Herberg has a lighting fixture affixed to the wall over the mirror. This is made up of two shelves of plate glass with a chromium metal backing. African walnut is the wood used for table, chairs, and alcove. The upholstery fabrics are in brown tones, and the pillows green. The wall on one side of the room is chartreuse, the other is a grayish blue. Howe & Lescace, architects.
A concealed light illuminates the niche which holds a beautiful glass vase filled with metal flowers. The fixtures at either side of the niche are of white metal with amber colored glass. This group is in the library of a New York apartment of which Ely Jacques Kahn was the designer and architect.

Desk lamp with concealed light, 18 inches high, chromium finished base, formica trim, hard rubber shaft. Dull chromium finishes a lamp with a shade that tilts at any angle. A sheet of opal glass conceals bulbs. Alabaster cylinders and chromium make a lamp which has two ways of lighting. Nessen Studio

but it is clear that the spirit is not a transient one—a freak of the moment. In America it is very likely to become a surface disturbance if the public does not take the trouble to probe more deeply into the philosophy of the movement and is content to accept metal chairs, triangles or zig-zags as the product of thirty years of intense artistic activity in Europe.

In America, in particular, the use of light is so lavish that the need for intelligent design is particularly important. The use of bulbs that glare to the eye is no more absurd than the possibility of the sort of sanitary conveniences in use fifty years ago as compared to the efficiency of our highly developed bathrooms. The spotting of lighting brackets on every wall is arrant nonsense, unless in a decorative scheme the particular accents are desired. In a dining-room one finds wall lights so absurdly arranged that wax candles on the table are actually necessary. There is no quarrel with the use of candles if one's taste is in that direction. Thank our stars that there is a diversity of opinion. Let there be, however, the possibility of agreeable lighting of the room, dramatizing the guests about the table with its sparkle of linen, silver, and flowers.

One particular feature that has not been seriously developed is the use of light in conjunction with the various metals, stones and glass, to produce actual notes of decoration, much in the spirit of a tapestry or a painting. Time and again the element of decoration required demands something more than a flat mass of color. Combination of flowers, cactus, fish; the reflections of decorated surfaces in mirror settings offer endless possibilities not only in brilliancy of form, intensity of lighting effects, but actual masses of color with the combinations of onyxes, alabasters, marble, various metals—the whole gamut of material that lies at the artist's hands.

The first requisite is the stimulation of the owner to realize that experiment is the soul of a civilized being. As long as the client is smugly content with a third rate
Columns of Oriental walnut trimmed with ebony and white holly contain the lights which illuminate the study of Dudley Sicher. The desk, corner cabinet, and side benches are of French walnut. The linen window curtain is in shades of brown, edged in orange, with the window box painted green. Jules Bussy, designer and decorator.

Given such a public demand, fulfilment will inevitably follow. America is not in the habit of failing to produce that which is sought with sufficient earnestness. Among us, perhaps, genius is more dependent upon tangible stimulation than is the case abroad, but of its existence, however latent, there can be no doubt. In fact, already there are definite signs here and there of achievements in design which are far above the general level. Individuals are at work whose originality and vision mark them as true creators. Many steps must yet be taken, but the first surveys have been made. It rests with the American people to determine whether or not the highway shall be built.
The Decay Of Tinkers Recalls
Olden Days Of Repairing

ONCE upon a time (which is the way to start all good tales) an Italian had never before been in this country and the Englishman had not visited here for five years. Chancing to meet in a Connecticut garden last summer, they began comparing notes. Said the Briton: “As I walked the meaner streets of your cities I missed patched shoes. Your poor people may have the soles and heels of their shoes repaired, but to wear patched uppers is evidently too much for their pride.”

“Pride?” broke in the Italian, “pride has nothing to do with it. They don’t have to have them patched. Everyone here is rich. When a thing shows sign of wear it is abandoned or destroyed like a queen bee when she no longer can lay eggs. In this country they don’t repair things. Their dump heaps are proofs of their prosperity... Let me tell you what most impressed me. I was passing the outskirts of a small town. In an open lot, heaped one on another, were hundreds of automobiles. Worn out, to be sure, but a vast pile of tin, steel and iron that could well be salvaged for other purposes, left there to rust and rot. Such wastefulness! Such prodigality!”

As they spoke there came to mind the fact that in all the sixteen years of living in this Connecticut valley only once could I recall a tinker having appeared at the door. The countryside has lost another of its picturesque itinerants, thought I, and recalling how in his time Charles Lamb has written on The Decay of Beggars, so would I write of the passing of the tinker from our rural byroads.

IN the beginning the peddler or itinerant merchant was also a tinker. He peddled tinware and could repair it, or he peddled hardware and could fix a lock. As business increased he left tinkering to others—to umbrella makers and scissor grinders and the Gypsies who worked in iron and copper and the quick-fingered fellows who knew the secrets of locks. Foreigners they were mostly; born nomads who lived on little and slept anywhere and drove their petticoats and slippers and in wagon they went from house to house, some following a regular itinerary, some never calling that way again. And against their arrival the thrifty housewife saved the leaky pot and the broken umbrella and the clock that wouldn’t strike. How picturesque these old fellows appear from the lush highlands of our prosperity! How unnecessary they seem today!

In the old days they helped to make thrift a cardinal virtue and to prove waste a deadly sin. Nothing was abandoned until it grew beyond repair. Then, like as not, it was hid away in the attic or a barn corner because some of the parts might “come in handy” some day. Nor were they then forgotten and left to corrupt and gather dust. Our forefathers had an ingenious gift for making things “do”. Constantly these derelict bits of household life were resurrected and made to serve another useful purpose.

According to contemporary economists this type of saving and thrift would be the worst sort of citizenship today. We live in a machine age. To maintain prosperity we must keep the machines working, for when machines are functioning men can labor and earn wages. The good citizen does not repair the old; he buys anew. The shoes that crack are to be thrown away. Don’t patch them. When the car gets crotchety, haul it to the town’s dump. Give to the ashman’s oblivion the leaky pot, the broken umbrella, the clock that doesn’t tick. To maintain prosperity we must keep those machines going. Always we must be prepared to consume their enormous production. To the modern economist, then, the tinker is anathema, an anachronism of an evil time that must never be revived.

DURING the past few decades has arisen another influence that would appear to push the tinker and his kind deeper into the irreparable past. It is called “the factor of obsolescence.” Styles, which are now altered with dizzy speed, soon make things obsolete. New models of motors, new kinds of household apparatus, new styles of curtains, chairs and tables, glassware, silver, china, linens, the hat on the head, the shoes on the feet, the clothes on one’s back—each of these is constantly being made obsolete, constantly being pricked into a faster tempo of change. A new fear has come upon us: we dread the accusation of being old-fashioned and not abreast of the times. Among some classes it has become well nigh a fetish to abandon possessions that fail to measure up to the latest taste... Meanwhile those relentless machines, newly geared to each new style, pour forth their flood of temptations and necessities.

Were both these influences universally felt, Americans might well appear to be merely a people given over to acquiring and abandoning, a people breathless in the race of style changes, hctic to keep abreast of their machines. And were that true, our ultimate corruption would be just around the corner. Such is far from reality. Thrift was never so much a virtue as today nor wastefulness a sin. Each of these has merely taken on a new face. Thrift is no longer a negative virtue. It now consists in intelligent acquiring and intelligent using of what we acquire. Good silverware will always be good silverware. Thrift in buying it is demonstrated when we choose good patterns and can be assured of the best of materials. The washing machine of today may be superseded five years from now, but the thrifty housewife buys the best there is on the market with those immediate five years of service in view. And so on down through the hundred and one purchases we make.

A KNOWLEDGE of good merchandise is the beginning of modern thrift and the cure for wastefulness is an intelligent using and maintenance of the things we acquire. Despite our Italian and British friends, despite the rabid economists and the attrition of changing styles, Americans still have recourse to tinkers. For there never was a decay of tinkers. They have settled down now and taken on new and specialized names. Once they came to us; now we go to them. These are the only differences. The tinker is always with us and will always be, so long as sane people inhabit the globe.

RICHARDSON WRIGHT
To Link The Lawns And Garden

A broad flight of steps bordered by a succession of potted plants connects the sunken garden with the grounds of the Evander B. Schley place at Far Hills, N. J. Ellen Shipman was the landscape architect. Other views are shown on pages 55, 56 and 57.
Marbled paper with French cream ground covers the walls of a man's bathroom in the home of Mrs. William Robinson Simonds at Southampton, L. I. Henna and dark brown marbling on baseboard and window trim correspond with the dark colors in the paper and are echoed in the rubber floor. The rug is plain tan chenille and curtains are of plain net over red henna linen. Thedlow, decorators. (Below) In Mrs. Dodge Shurne's New York apartment a bathroom has been carried out in the Directoire manner with yellow walls and green marbling beneath dado and columns. White swans and painted flowers in mauve, white and yellow are on the upper walls. Curtains are green taffeta and cords over them and those outlining the recess are plum. Diane Tate & Marian Hall, Inc., decorators.

Long Island And New York

Contribute Two Bathrooms

Done In Contrasting Styles
Another charming bathroom in Mrs. Simonds' seaside house has been so treated as to give it an old Venetian atmosphere. The painted awning is a gay yellow and the walls have been finished in chalky blue with flowers in pink tones that suggest Botticelli's handling of blossoms. Below the dado a yellow-pink balustrade rests on a mauve base. The rug is an Aubusson in colors which harmonize with the general treatment of the room. (Below) Mrs. Shurze's dressing room walls are painted to imitate white drapery with plum colored and yellow fringe. The diamond shaped medallions have a yellow ground on which white figures are superimposed. The dressing table is covered in plum colored taffeta trimmed with yellow and green, and the plum tone in it is repeated in the ground of the Savonnerie rug.
**Accessories**

**To Lighten**

**Kitchen Tasks**

*Elizabeth Hallam Bohn*

In character two kitchens lately visited were as far apart as the poles, although the perfection of each was fascinating in its own way. One kitchen was very old and the other extremely new.

A peaceful lived-in quality breathed from the old kitchen. The musket above the hearth reflected the spirit of the intrepid Colonial housewife who had stirred the pot hanging from the crane and baked "yards of pies" in the Dutch oven. The cradle and spinning wheel close at hand bore witness that in those days, women's work was, indeed, never done. Iron pots, hand-made toasting forks, trivets, and all the appurtenances of old-time cookery were of necessity cared for and protected. So it was that they, too, descended unto the third and fourth generation.

The second kitchen also had atmosphere. It had snap, speed, and color. For it represented a model home workshop of the 20th Century. Stainless metal, monel metal, chromium plate, aluminum, colorful enamel and porcelain—the everyday materials of the new era—fashioned the mediums through which the silent servants, gas and electricity, prepare, cook and clear away meals today, with a minimum of time and
effort. And should a new piece of equipment be needed, the genie of modern merchandising provides it at the lifting of the kitchen extension telephone.

The major pieces of equipment have all been described in previous issues. Some are shown in the accompanying illustrations.

But there is far more to the well-equipped kitchen than these important pieces. For the manufacturers' ingenuity has developed the most alluring gadgets and smaller bits of equipment which ever opened wide the home-maker's purse and justified their existence forever after.

In each of the equally important divisions of kitchen activity, preparing, cooking, and clearing away meals, the smaller devices eliminate lost motion and save unbelievable time. The large electric mixer, chopper, and "general help" is not a new invention for it developed into home proportions from the heavy appliances of commercial kitchens. For the large family, or one of constant and numerous guests, the time and labor saved in preparing large quantities of food more than offsets the first expense, which compares with that of any good piece of permanent machinery. By following the explicit directions given by the manufacturer, and starting with simple whipping, beating and mixing, the most timid or untrained develop confidence so that the choppers, cutters, and ice-cream freezer attachment can soon be deftly handled.

Three speeds are provided for different purposes and the machine runs on ordinary current while a handsome and compact cabinet holds the attachments not in use.

For the kitchen more modest in its catering, come equally effective, smaller electric beaters and mixers. These compact and powerful little machines, with their aluminium...
Recent Developments In Building
And Residence Equipment Fields

Gayne T. K. Norton

A NEW all-steel welded, insulated, porcelain-lined refrigerator, adapted to ice or mechanical refrigeration, bids for popularity on three counts. First: on the front of the cabinet is an indicator or safety signal that tells when foods are being maintained in a temperature low enough to prevent growth of dangerous bacteria. Second: the door is opened by pressure on a pedal, allowing one to approach the refrigerator with food in both hands. Third: a daylight base provides several inches clearance between cabinet and floor, promoting both cleanliness and easy cleaning.

A TIME SAVER

BUILDING costs certainly may be lowered by the use of time-saving products. Even the lowly butt-hinges may help. By means of a “non-mortise” hinge a door may now be hung in ten minutes. The labor cost saved is appreciable. A handy man about the house may now successfully and easily perform what used to be the difficult operation of hanging a door.

Without losing any of the attractiveness of finishing hardware, this unit may be used for all cabinets and cupboards, for wardrobe and interior doors, and for small house exterior doors. It eliminates uneven mortises, prevents marring trim; it can be applied after painting of trim; it simplifies the matter of changing the swing of a door. It equalizes the space, about one-sixteenth of an inch, between door and jamb at each side—doors are usually tight against the jamb on the hinge side while fit is not so snug on the lock side.

AIR MIXER

We now have an air mixer and air diffuser said to increase comfort within the house in winter and summer. This unit is no mere electric fan. It enjoys the protection of a basic patent.

Perhaps you have noticed how cigarette smoke floats in a horizontal streak. Breathed air, we are told, floats in similar streaks and dissipates just as slowly. Air that settles in each level must be mixed and diffused, so that temperature and moisture are equalized, if the atmosphere of a room is to be healthful.

Operating silently and without causing a rushing of wind or violent drafts, this unit stirs up stagnant air at the breathing level. A small universal motor is completely enclosed in a neat base of white metal. The motor drives a vertical shaft to which two blades, non-metallic and mounted at a peculiar though carefully determined angle, are attached; the blades are enclosed in a spherical brass guard. Attractive in appearance and accident-proof, this cousin of the fan stands 19 inches in height; diameter of the guard is 10 inches; weight is 15 1/4 pounds.

The value of this airator is increased by a nicked deodorizing case that may be attached to the top of the guard. This case holds a compound which sweetens the air drawn through the guard as the blades revolve, neutralizing odors and spreading delicately pleasing perfumes if desired. One of these cases is included with each unit.

NEW FLOORING

Up to a few years ago an owner who wanted to beautify the interior of his home with hardwood flooring was forced to put up with much inconvenience. Besides the actual laying of the wood strips, scraping and sanding were necessary, resulting in a great deal of dirt and dust. Offensive odors of finishing materials made the work even more objectionable. Worst of all was the loss of use of the rooms for the ten days or two weeks required to do the work.

Such is not the case now. A flooring is being sold for use in old and in new houses that is completely finished at the factory. The strips are filled and then varnished twice on the surface and treated on back and edges with a special moisture resisting compound.

To owners of old homes this flooring has a distinct appeal in the speed, convenience and cleanliness of installing. Furniture is moved to an adjoining room for the day usually required by two carpenters to refloor the average-sized room. The floor is ready for use when the last nail is driven.

This tongue and groove flooring, in the new house, also, has advantages. It is always difficult to secure a satisfactory hardwood floor installation. The flooring may be of high quality and delivered to the building well seasoned, but due to the inevitable dampness in new construction it is impossible to protect it against absorbing some moisture. Hand-scraping or machine-sanding, and painters' finish on moisture-laden wood should be avoided. These difficulties are largely overcome by this new product.

SHUTTER-awnings

An entirely weatherproof shutter type of awning constructed of sturdy, well seasoned cedar is specially designed to give protection against sun, rain, snow and wind. Each one is made to fit the window, veranda or sleeping porch which it is to shelter.

Offering all the advantages of both shutter and awning, this device does not keep out necessary light, yet the direct rays of the sun cannot enter and rain or snow cannot beat in; complete circulation of air at top and bottom is permitted under any circumstances or conditions.

Shutter awnings may be left in place throughout the entire year. Adjustment of the blades to a fully or partly open, or to a closed condition is made by simply turning a control placed inside the window. Blades may be finished in any desired color. This awning is delivered fully equipped for use.

FOR PROTECTION

Another sense organ has been given to the robot and the trials of the burglar have been increased. While we are just becoming acquainted with the electric eye and grid-glows tubes, an unheard of pressure-sensitive instrument is placed in our hands.

This is a waterproof, dustproof cable, of (Continued on page 98)
The Schley garden at Far Hills is centered in two connecting patios, of which the upper one is shown on this page. In its center is a sunken pool fed by four splashing jets, from which the water is drawn to supply the basin in the lower garden. Low Box hedges outline the planting beds, which have round recesses in which are set large decorative Mediterranean oil jars.

New Jersey Follows Spain In A Garden Within Patio Walls
(Above) The brick path which runs along the east side of Mr. Schley's paved terrace is bordered on either side with beds of such flowering plants as Peonies, with Lilies and Chrysanthemums set in for later bloom. Polyantha Roses, Hemerocallis, Delphiniums and Pansies. Throughout both gardens tall Cedars, Flowering Crabs and Cherries, standard Wisteria, Lilacs and occasional large Box trees give light and shade. (Left) Pots with Heliotropes, Geraniums and Fuchsias dot the steps to the door which leads out of the upper garden on the east side and thence to a walk ascending the hill. Either of these two gardens could stand by itself with perfect effect were the available area more limited.

Two Connecting Units
Complete In Themselves
Form A Garden Ensemble
(Right) Colored Spanish tiles form the risers of the steps to the paved terrace and make a striking contrast to the white walls of the garden and house. A large Crab tree and carefully trained Rose and Clematis vines make interesting shadows on the walls and provide a cool green background for the bright colors of the flowers and tiles. (Below) Large pots of blue Agapanthus are set on the edges of the gay-hued tile pool in the lower garden. Flower beds close in the pool and narrow paths lead to it from four sides. Except for these small beds and the narrow planting strip against the wall, the whole court is paved with colored stones and pebbles carefully worked out in floral designs.
The Apotheosis Of The Closet

With cleanliness placed second on the list of virtues, surely order is a good third. And order begins at the closet. In this linen closet the severity of such a purely utilitarian space is offset by decorative Japanese tree patterns painted in brown, white and peach on mirror panels, shelves edged with peach silk moire bordered in blue ribbon and lace, and walls also in peach. Mrs. George Herzog, designer and decorator.
The interior architecture of the R. E. Lasater residence at Winston-Salem, N. C. is carried out in the Georgian taste with furnishings mainly French and English 18th Century. In the living room, copper hued curtains contrast pleasantly with hydrangea blue walls. To one side of the dining room doorway is a splendid Sheraton secretary bookcase. Balancing weight is given the opposite side by a Louis XVI chest over which hangs a gilt mirror flanked by black and gilt brackets. The Sheraton side chairs are upholstered in a gold striped fabric. In front of the chest stands a Louis XVI armchair in old white covered with a gold striped fabric. The Chippendale sofa is in a yellow grounded chintz. Amethyst satin covers the Directoire armchair. The rug is an Aubusson pattern in terra-cotta blues, mauves and greens on biscuit. (Right) The dining room has oyster white walls and curtains of red taffeta damask. The mahogany dining table is a Duncan Phyfe piece while chairs and console are Chippendale. An antique Farahan rug colored in deep blues, gold and crimson covers the floor. The W. E. Browne Decorating Co.

A Portfolio Of Interiors

From Two Southern Houses
Fine 18th Century pieces, the result of many years of collecting, furnish the home of S. C. Porter, Atlanta, Georgia. In the living room, curtains of red taffeta hang against pale lemon yellow walls. Chairs are covered in red, green-blue and gold brocades and damasks. Much old china, Chelsea, Rockingham, etc., is in evidence.

The library in this house has its walls painted a very pale green. Here the curtains are of blocked linen in rust, gold, green and violet. On the Hepplewhite sofa is a wool material grounded in rust red and sprigged with gold and green. Various chairs are covered in gold, green, prune and tète de veau. The rug is in a solid rust tone.
The spacious dining room has gay walls of a greenish turquoise, damask curtains are patterned in deep amethyst, gold and rust. Chair seats are covered with a diamond figured damask in turquoise and gold. Sévres jars grace the mantelpiece and above it hangs an old Chippendale mirror framed in carved and gilded wood.

Dining room table, sideboard, cupboards and the mantel are old pieces from Charleston. Some of the Chippendale chairs are American products and some English. The china seen in the cupboards is mostly crown derby, Worcester, spode, etc., in rich coloring. Porter and Porter were the decorators of this residence.
Josiah Wedgwood and His Portrait Medallions

Gardner Teall

Before me is an exquisite portrait medallion in blue and white jasper ware. It is one of hundreds which the genius of Josiah Wedgwood conceived, and to which the art of John Flaxman and others gave perfect form. Although not one of the rarer medallions, it is rare enough, for of the great number of these ceramic portraits Wedgwood produced and marketed, few have survived.

In the last quarter of the 18th Century scarcely an English home of any pretension to taste was without one or more of these medallions. A large number must also have been found in American homes before the Revolution. Others undoubtedly were sent to the American market after the cessation of hostilities, as Wedgwood included many portraits of patriots in his selection of subjects. Wedgwood himself was an ardent sympathizer with the Colonists throughout their struggle for independence. He contributed generously to a fund raised in England to ameliorate the sufferings of those Americans who were then there imprisoned. That alone should endear his memory to Americans, and as this present year marks the bicentenary of his birth, it is fitting that we again pay homage to his memory.

Josiah Wedgwood was christened at Burslem, July 12, 1730. The exact birth date is unknown. He lived to hear himself acclaimed the greatest potter of his day. A man of genius, integrity and courage, progressive, genial and kindly, he stands as an immortal in the annals of ceramic art.

Of a long line of fairly well-to-do Staffordshire potters, he was the youngest of the thirteen children of Thomas, who was a son of Thomas and a grandson of Thomas: three Wedgwolds of the name and Josiah's eldest brother made the fourth. Josiah Wedgwood was, indeed, a born potter: even his great-great-grandfather, Gilbert Wedgwood, had been a master-potter.

Very far from being a strong boy was Josiah. He was frail in physique, and throughout his life suffered from physical infirmities. But however he may have suffered in body, his mind was ever alert, his disposition ever cheerful. As a day Scholar he attended a school kept by a Mr. Blount in the town of Newcastle-under-Lyme, some two miles from Burslem. Not a boy in the whole school was more diligent at his lessons or more eager to learn. But when he was nine, his father's death put an end to schooling. As his eldest brother, Thomas, had inherited the patrimony, young Josiah found employment, after a little, at home in the pottery. Undoubtedly the boy had been loath to give up school; in after years he felt that this early break had proved a handicap to him in all his undertakings.

I think these early years were not without much happiness for Josiah, despite his delicate constitution and painful ailments. He loved the fields and the woods, stream and meadow and all nature with a passionate love. Natural history was, perhaps, his chief delight. He started a little museum in an empty shed, making shelves for it which he filled with all sorts of things he collected. Not only was Wedgwood a born potter, but a born collector as well. He never gave up his early interest in such things. When his became a state of opulence, he surrounded himself with natural history rarities, objects of art and curios.

It was the same with books: Wedgwood loved them and collected a fine library in which he justly took great pride, and of which he made good use. Apropos of this, he once said in a letter to Thomas Bentley, his friend and partner, "My wife says I must buy no more books till I build another house, and advises me to first read some of those I already have. What nonsense she sometimes talks!"

The town of Burslem, "Mother of Pottery," entertained William Ewart Gladstone in 1863. On that occasion Gladstone (then Chancellor of the Exchequer), de-
livered an address in memory of Wedgwood. In the course of this he said: "Relentless criticism has long since torn to pieces the old legend of King Numa receiving in a cavern from the nymph Egeria, the laws which were to govern Rome, but no criticism can shake the record of that illness and that incapacitation of the boy Josiah Wedgwood which made him a crier of his bedroom and an oracle of his own searching, meditative, fruitful mind." Gladstone was particularly referring to the serious illness from smallpox which young Josiah suffered, and the after effects which some twenty years later necessitated the amputation of a limb. Although at the age of twelve he had shown remarkable skill at the potter's wheel, he had to give up that part of the work and after this illness to turn to other mysteries of the craft, such as modeling forms, constructing moulds, casting, mixing clays, applying glazes, and attending to decoration. All these things were occupying him when, at fourteen, he became regularly apprenticed to his brother.

Young Josiah had, of course, some holidays and hours of leisure. These he employed profitably. If he had been denied the schooling his love of books led him to regret having missed, still in the world's wide academy of effort, contact and experiment he learned invaluable lessons never to be forgotten and thereafter to be well applied to his progress. Josiah's mother died in 1748. Two years later, on reaching his majority, his apprenticeship to his brother terminated, and he came into the modest legacy of £20 which had been left by his father.

Now a master-potter, young Wedgwood set out on his own account and formed a partnership in the small pottery known as Alders' at Cliff Bank near Stoke-on-Trent. After a year or two there, he went on to Fenton, a few miles from Stoke and there became the partner of Thomas Whieldon who was looked upon as the foremost potter in Staffordshire.

Before Wedgwood's advent in the world, John Astbury, a Staffordshire potter of Shelton, had produced tea-services in red pottery, ornamented with small stamped reliefs in white. This was soon after the year 1700. In 1720 Astbury introduced the use of calcined flint in the body of his wares, an innovation which led to the manufacture of the Staffordshire salt-glaze wares which brought renown to the district's potteries. By the year 1750, some seven years after Astbury's death, marbled and tortoise-shell wares were made in Staffordshire, but the wares still remained somewhat fragile. Elsewhere in England certain potters had succeeded in their attempts to produce porcelain. Reports of these activities undoubtedly fired Wedgwood's imagination, and spurred him on to further experiment and effort. Therefore let us turn, for a moment, to a brief and swift survey of some of the factors which encouraged these other English potters to seek advancement in their art.

Even before the year 1714 when good Queen Anne bid adieu to all earthly sorrow, the art of the potter was securely enthroned in the acquisitive affections of the English dilettante. Almost everyone in England who was anyone had a bit of rare china to display. Macaulay tells us that even statesmen and generals were not ashamed to be renowned with'spruulcollecting interest usualiv answered their caustic comments: "Old China," said she, "is below nobod'y's taste, since it has been the Duke of Argyle's whose understanding has never been doubted, either by his friends or his enemies." That seemed to settle it.

English potters were not slow to react to the advantage given them by those more peaceful pursuits of "statesmen and generals" who tuned to the taste that was the Duke of Argyle's, and it meant something to the potter that Lady Mary Wortley Montagu as naturally answered their caustic comments: "Old China," said she, "is below nobody's taste, since it has been the Duke of Argyle's whose understanding has never been doubted, either by his friends or his enemies." That seemed to settle it.
If there were a law, and one there ought to be, for the prevention of cruelty to trees and shrubs, the Goldenbells or Forsythias would be entitled to claims amounting to millions of dollars. No group of shrubs is so maltreated as these most joyous and most cheerful of spring blooming plants. If they escape mutilation in the autumn sweep-up in suburban gardens and parks, they almost invariably suffer devastation during the spring cleaning mania which in particular assails the suburbanite in February, March or early April, according to climate. In the autumn when cleaning up the fallen leaves there appears to be an irresistible desire on the part of most gardeners to crop the heads of any shrub within arm's reach. In the early spring an overwhelming impulse to do something in the garden takes possession of people and the first thing they usually do is take a pair of shears or a knife and with these tools do untold mischief. Wherever one goes in March or early April one sees the Goldenbells sheared back into vegetable solids—mere bundles of sticks—devoid of all grace or pretense of beauty and bearing but a few scattered blossoms.

It is seemingly useless to rail against this ridiculous custom and yet by hook or by crook something must be done to stop it. Cannot such folk get the simple fact into their heads that in cutting off these branches they are robbing themselves of myriad blossoms? Surely, realizing this they would be content to wait until the flowering season was over; at that time they may step in and prune away to their hearts' content, and the sooner they do it after the blossoms have fallen the better for the bushes themselves. This rash mutilation of Forsythias is similarly inflicted on other spring blooming shrubs with the same dire results.

Pruning appears to be something which the man in the street fails to grasp and yet the principles are as simple as simple can be. The broad, general rules of pruning bushes are:

Those that flower on the previous season's wood should be pruned immediately after they have blossomed.

Those that flower on the current season's growth should be pruned early in the spring.

The first group includes all the spring and early summer flowering subjects; the second, those that flower at mid-summer and early autumn. If these two broad

Finest of all the Goldenbells is F. spectabilis, a sport from F. intermedia which is in itself a hybrid. This is a strong growing sort with exceptionally large, rich yellow blossoms which are borne in great profusion along the spreading stems.
groups of flowering shrubs could be visualized and pruned as stated above, gardens would enjoy a greater wealth of bloom and the plants themselves would give fuller pleasure to their owners.

Of all the shrubs which blossom at the blush of spring Forsythias or Goldenbells are surely the most joyous; their clear yellow bells borne in utmost profusion are like so much bottled sunshine and never fail to uplift the heart and cheer the spirit of the owners and of the passerby. Indeed, among all the wealth of shrubs that we can grow in our gardens, none gives a richer display of pure yellow than do these Oriental plants.

Again, no group of shrubs is more accommodating than the Goldenbells; they appear to be immune to the vitiating conditions of town and suburban areas. In the heart of great cities they blossom as freely as in the open country. The smallest of town gardens or city parks can have its bush or group of these yellow blossomed shrubs. Neither smoke nor chemical laden atmosphere, cats nor dogs, have lasting ill effects on Goldenbells. No pest bothers them, least of any importance, and they even put up with a niggardly fare. They are as tolerant as any shrub can be and in spite of all the abuse they undergo, they come back smiling every spring. Of all plants they most cheerfully practice the biblical advice of "turning the left cheek also." None the less, like all other plants, they need good food and proper attention.

In the first place, they are never happy where their feet are wet during the winter. In a natural state one and all grow wild on rocky mountain slopes and should be so planted that their roots will enjoy good drainage during the winter months. Loam is their favorite diet and if a liberal supply of fertilizer be mixed with it, the response these plants make is most gratifying.

Pruning has been mentioned, but if Forsythias be used as specimens on a lawn or in a border, the wood three years old and upwards is best cut away just above the surface of the soil. This will induce strong new shoots to spring up and keep the bush orderly and within bounds, but if they be planted in groups for the purpose of making a bold display very little pruning is necessary. In fact, only such as will keep the plants confined to the area allotted them. They are best in my opinion as a tangled mass and if left alone they will form under these conditions an almost impenetrable thicket. The old original species Forsythia suspensa produces long, whip-like branches which root where they touch the ground. Here is a plant of which proper use is not made in American gardens, there is nothing better for trailing over a bank or for being trained against a wall or fence and allowed to drape the opposite side. It is no use as a shrub in the ordinary sense of the word but as a partial climber and as a drapery it is a plant of great merit, and one which ought to be more abundantly used than it is at present.

The propagation of Forsythias is a simple matter and one that the rankest amateur may, if so minded, practice with success. All that is necessary is to take in the late autumn leafless stems of the previous season's growth, cut below a joint into short lengths and insert them in sand in a frame or cool greenhouse. Also many shoots are sent up from the base of the plant and these with a sharp spade or trowel can be removed with roots attached. Then as mentioned in the case of Forsythias, the free shoots which lie on the ground root at the tips without artificial aid. Planting may be done in spring or fall in the cooler districts and calls for no special remark, except that

(Continued on page 118)
Impressions Of The Newer May Tulips
And Their Companion Flowers

Louise Beebe Wilder

DURING the past spring I had under special observation in my garden a hundred different varieties of May Tulips in lots of from half a dozen to thirty of a kind. Some of them were hot off the grower's griddle, so to speak, very new creations; others were older friends. They were disposed about the garden informally in an endeavor to give to each a harmonious setting, a pleasing companionship of shrub or plant, or an offsetting background. As not all the varieties were familiar to me some of these arrangements were less successful than others, but on the other hand some even of the chance associations proved most happy and worthy of being recorded.

To convey accurately by word of pen the color of a Tulip is not an easy matter, and for this reason: From the unfolding to the fall of the petals a Tulip in most cases passes through three color phases, and each of these phases may be as different as possible from the one that went before. Familiar to most gardeners is the gradual suffusion of the petals of what are known as the Picotee Tulips, from a hem-line of carmine until the original color is quite lost, and many other varieties not in the Picotee class undergo almost as radical a metamorphosis. Many a lemon-colored Tulip pales to almost white before its span of life is over; mauve or lavender Tulips fade, or sometimes acquire a rosy tinge as they age; numerous pink and cherry-colored varieties show a suffusion or illumination of amber upon first opening which later disappears, giving place to a flatter tone, and these same Tulips may assume a purplish cast before...
the end. The superb Mrs. Harold Irving Pratt which opens with an almost indescribable blend of amber, rose and beige with tender Fuchsia lights on the exterior of the petals, turns jinker, is it ages, showing livelier suffusions, and in its last phase is much the color of M. soulangiana. Most constant in their colors are the reds and scarlets, from the dusky tones of such as Zulu and Jubilee to the sharp, thin color of the new and beautiful Halley, but even these undergo some change. All of which goes to explain why disappointment is often experienced when our Tulips do not exactly be in the descriptions of them found in catalogs and garden books.

It is difficult to choose among the newer pink and cherry-colored Tulips, so many and so enchanting are they. Rosabella (Cottage) is a beauty, a large, pale flower, flushed on each petal somewhat after the manner of a sea shell and with a quite delectable fragrance. It was loved among white Columbines with the gray foliage of Thalictrum platanum as a background. Eleanor Pratt (Cottage) is also of the first quality, a long, deep-cupped flower with bluntly pointed petals, white with gray shadowings about the base and a feathering along the edge of the petals of soft Fuchsia-pink which gradually spreads downward until it constitutes a deep suffusion. Lovely with

**Anchusa myosotidiflora.** Los Angeles is one of the rare pink-flowered Breeder and very new, a large and graciously modeled flower of Persian-like pink with white and delicate amber featherings reaching up from the white base. This Tulip has the appearance of having flushed deeply. It is lovely with *Phlox divaricata.*

Flamingo (Darwin), though not so new, is indispensable. Its color is the clear, pure pink that looks well with any of the silvery lavender sorts such as Euterpe with drifts of gray-leaved Nepeta. Leda (Cottage) is an enchanting rose-pink Tulip that makes a fine effect above a floor of bright blue Pansies. Kriemhilde (Darwin) is new and of the first merit, a pure pink flower with silvery edges, brushed lightly with fawn-color on the exterior of the petals. Luscious is the word that comes to mind in describing it. It has a perfect companion in the beautiful Darwin Remembrance, L’Ingenue (Darwin), just appeared upon the horizon, is pink and delectable, deeply flushed with a stronger color and with a white base and blue halo. *Anchusa myosotidiflora* is its proper companion with patches of Thrift in the foreground.

The two Princesses, Elizabeth and Mary, both Darwins, make delightful additions to the borders planted among Bleedingheart.

(Continued on page 106)
How To Grow The
Chinese Primroses

E. H. M. Cox

GARDENERS on both sides of the Atlantic are taking more and more interest in Chinese Primroses. In the British Isles some of them come under the category of universal plants, and no doubt in time this will be the case in the United States. I have heard some Americans say, however, that they cannot be grown in the Northern States, but that is not quite true. I know of gardens in Boston, Glencoe, Illinois, and Clinton, New York, where many of them are growing away happily. You will find, as the English have, that much depends on understanding their few simple cultural requirements.

The number of Primulas discovered in China during the last twenty years is enormous: somewhere in the neighborhood of two hundred species. Of these a large proportion will never become garden plants, either because they are not sufficiently attractive, or because they come from a great altitude in the Chinese Alps and will not take kindly to cultivation. Those which are flourishing are, as a rule, plants of thin wood-land, and in that fact lies their success or failure in cultivation. I find that gardeners are inclined to grow

(Top) Among the more difficult Primulas which are exceptionally worthwhile is P. litoniana, with purple flower heads coming from scarlet buds and suggesting in shape the odd spires of the Kniphofia. This is a good one to try after experience with the easier species has been enjoyed

P. involucrata is a white with small shiny leaves and wide-open flowers carried on six-inch wiry stems. It is one of the choicest of the easily grown Asian species. When the plants have made several crowns they should be divided after flowering, to avoid undue crowding next year

Bottom}

Reginald A. Mathy
them as rock garden plants and then their disappointment begins. Situations in which many of the best garden species are found in the wilds are the edges of Bamboo brakes, Birch coppices, or near the outside of mixed or conifer woods, where sunlight can flicker through the branches even in full leafage. The soil is always full of humus and is amply supplied with drainage. There is a plentiful supply of moisture during the growing season, but the soil is never stagnant during the winter.

You will see from this that they like partial shade, a porous soil with plenty of humus, and ample drainage. Now, this does not prevent them from being grown in rock gardens provided that you can supply those conditions. They not only grow better, but look more imposing if they are planted in groups; so the small pocket among the rocks is useless. They must have at least a foot of soil, as their root systems are large for the size of the plant. In the British Isles we grow them in the following situations in order of preference:

The wild garden, in thin woodland.

Among shrubs in a shrub border, which gives the requisite amount of light and shade, and a fairly cool root medium in summer.

In groups on the outskirts of the rock garden.

I see no reason why they should not succeed admirably under more or less similar conditions in the United States, except that you will have to pay particular attention to shade and to an adequate supply of moisture during the summer.

As you are not allowed to import Primula plants without a permit, I tabulate briefly our English method

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(Top) Another worthy Asiatic kind is P. sikkimensis, with narrow leaves and lemon-yellow flowers. Other good species in this group with its characteristic large heads of nodding blossoms are fortinana, a large-leaved yellow, and secondiflora, plum purple in color and quite striking.

Primula bulleyana belongs to the candelabra group and bears its orange-yellow flowers in whorls. Like other Asiatic Primroses it needs aeration in winter and should be mulched only with some material which will not form a sodden mass over the crowns and rot them very badly.
Eleven Colorful Pillows Easy To Make

Designed For Terraces And Winter Sun Rooms
(On chair) Tangerine linen pillow with orange squares and coral edging. Of tangerine linen, ½ yard, of orange ¼.

(On settee) Boxed pillow with squares cut from one on chair, ¾ yard orange and ¼ yard of orange and tangerine.

(Below) Of modernist black figured linen, trimmed with box-pleated ruffle of blue and cording of orange. It is 20 inches by 14, with a 2½ inch boxing. Use ½ yard of figured linen, ¾ yard of plain chintz for pleating, 4 yards cord.

(Left) A black figured pomegranate linen makes an effective pillow 24 inches square with flaps 2½ inches wide lined with coral linen. It requires ½ of a yard of the figured linen and ¾ yard of coral for the facing of the flaps.

This triangular coral linen pillow reverses usual procedure. Flaps lined with a figured linen and the body coral. Its base is 33 inches and its sides 20. ¾ of a yard of coral linen and ¾ yard of figured is needed for its making.
An English Cottage For A Suburban Site

Lyle Boulware, Architect

Its exterior design is a reflection of the serenity and quaint charm of rural England, while interior appointments and planning are in line with the best practice here, this small house fulfills every requirement of the ideal suburban residence. Walls are of stucco with occasional introductions of half-timbering and rough siding. A breakfast alcove is provided in the kitchen. The owner's chamber has an attached bath, while the other bedrooms are served by a bath opening on the hall. A servant's room and bath may be provided in the third story.
It often happens that a house utterly outmoded and inadequate for present-day occupancy has a splendid situation. Rather than tear the old place down and build an entirely new residence, the person who covets the site should look into the possibilities of utilizing the present structure as part of the new house. Often the age-mellowed walls of the old house will serve as model for the treatment of the new. This idea was carried out in the residence of Ross C. Smith at Birmingham, Alabama. The old house, as indicated by the shaded portion of the plan below, has been turned into a service wing. All the other parts are entirely new. At the right is shown the sheltered walk which leads to the garden room.

Jesse W. Green, Architect

An Old Alabama House Is Expanded For Modern Living
Except in the immediate vicinity of the house, Mr. Smith's property has been left very much in its natural woodland state. Even when noted but a short distance from the residence, the contours of the surrounding landscape interestingly silhouette it, as in the picture above. Here we see another view of the cloister shown on the preceding page.

A succession of Gothic arches in whitewashed brick support the roof above this terrace. At the extreme left in this photograph is the gable end of the living room. Between it and the cloister are the principal entrance to the house and a range of morning room windows. Through a butler's pantry the kitchen opens to the morning room. At the left is a corner of the flower room, which besides offering a place for arranging and watering flowers and storing vases and jars connects the morning room with the outdoors.

Whitewashed Brick Walls

Accent A Rural Setting
As with the houses of Mediterranean inspiration, this residence has been built about a hollow square which makes a fine shaded courtyard, usable, in the mild Alabamian weather, as an outdoor living room during most of the year. Low shrubs border the court and vines are beginning to clamber up the house walls. Appropriate and practical pieces of outdoor furniture are grouped about and a wall fountain adds the musical note of tinkling water. As the residence is located upon a slope the gateway at the right in the illustration above leads to a staircase descending to the ground level. To the left of the gateway is the bedroom of the daughter of the house. A portion of the old part of the residence is at the right. In the photograph at the right is a corner view of the courtyard, showing the fountain niche also illustrated above. Jesse W. Green, architect

A Flag-paved Courtyard

Treated Patio Fashion
A most distinctive feature of houses patterned after the Norman manner is the irregularity of roof lines. And the residence of J. R. Morton at Greensboro, N. C. is no exception to the rule. Here we find sections of the roof beginning a few feet from the ground and at every stage upward.

The Norman Style In North Carolina

W. D. Lamdin, Architect

The house is composed of two wings meeting at right angles. At the junction is a round tower housing a staircase. Alongside the tower is the principal entrance, which leads to a hall offering access to first floor rooms, and, by means of the tower stair, rooms on the second floor.
Wiring The House For Radio Convenience

Tyler Stewart Rogers

If the present census which, to the astonishment of most householders, has enumerated radios, supports the estimates of radio manufacturers, it will be proven that nearly one-half the families in the United States possess receiving sets. More than ten million homes with radios, and with more or less troublesome aerials stretched out-of-doors or hung from windows! Ten million homes with wires along the walls bringing aerial and ground connections and often battery and power wires to the radio.

It is strange how few of these homes have made radio really convenient; how few have concealed from sight these unattractive wires; and how very few have made it possible to hear radio programs successfully in the various parts of the house.

After all, radio has become a family habit. It is not longer either a plaything of a moment, or merely the hobby of the head of the house or his son. Some families awake to the radio and stretch the languor out of their muscles to the accompaniment of its setting-up exercises. Many go to bed with its programs still lingering freshly in the mind. Radio is the consolation of the invalid and the convalescent. It provides the obligato for bridge games and conversation in the living room, and for both intimate and formal meals in the dining room. Radio has even helped solve the servant problem through exercise program without going downstairs to the receiver in the living room and without starting the speakers in any other part of the house. The aerial is shown under the roof-tree. To the right is a radio outlet box of the type placed in wall or baseboard where the receiver is located.

The sketch above presents a clear picture of the manner in which rigid conduit for radio wiring (represented by the heavy black line) is concealed within walls and floors to carry wires from a standard radio set in the living room to speakers in other parts of the house. The aerial is shown under the roof-tree. To the right is a radio outlet box of the type placed in wall or baseboard where the receiver is located.

The house within which radio programs be heard well only in the room where the receiver is located? Why not in the dining room, in the bedrooms, in the recreation room in the basement or attic, and even occasionally in the servants' quarters? Few people realize that most standard receiving sets made today will operate successfully from two to nearly a dozen separate speakers which can be situated in any part of the house. With an ordinary commercial set, such as the manufacturers have been producing during the last three or four years, one can quite easily have "radio in every room" as the modern hotels advertise.

More than that, radio can be made convenient in operation as well as in installation. There are practical devices already marketed which permit remote control of the receiver. A speaker in the bedroom, for example, can be switched on for the morning exercise program without going downstairs to the receiver in the living room and without starting the speakers in any other part of the house. This sort of convenience can be had at relatively low cost. More expensive devices enable one to press a button and not only start the radio but, through other controls, one can tune in to any desired station and even select any one of a group of phonograph records and start it playing on the modern radio-phonograph. A convalescent confined to her bedroom upstairs can have such a control box by the bedside or wheelchair and entirely control the operation of either the radio or the phonograph in another part of the house.

In the next few years, this sort of radio convenience will become more common-place, for radio manufacturers have already reached the conclusion that present-day sets have practically reached perfection in faithfully reproducing programs, and they are now casting about for refinements and conveniences that will further stimulate the sale and use of these instruments.

Without question, the home of the future will be wired for radio just as the home of today is wired for electric lights and electric power. And the remarkable thing is that wiring the home for radio is an exceedingly simple and relatively inexpensive matter which any family today can plan for their future home.

It is not necessary to know anything about the mechanics or the science of radio reception to provide real radio convenience in the modern home. The mystery of radio may remain a mystery forever so far as the householder is concerned, just as electricity itself still is a mystery to the scientist or engineer who uses its force in countless ways.

Here is a plan which will provide real

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In an "L" formation, with wings embracing an old-fashioned dooryard garden, this shingled cottage achieves distinction through sincerity and simplicity. The one-story wing contains the living room, also used as a dining room. This may be entered directly from the front garden or from a reception room opening off the entrance vestibule. Besides these rooms, the first floor contains the owner's bedroom and bath, breakfast room, and service rooms. A guest room, maid's room and a bath make up the second floor. This is the home of Mr. Guy White, North Tonawanda, N. Y.

Charles Umbreit, Architect

After The Pattern Of Cape Cod
A Modern House Based
On Traditional Lines

Julius Gregory, Architect

In the creation of a thoroughly modern house it is not imperative for one to discard all traditional forms and details or always to adopt the modernist's scheme entirely. The two can be combined. The mass and silhouette and general form may be an accustomed design; the details and the handling of building materials quite new, ingenious and up-to-date. This was the method pursued by the architect of the home of Louis Wiltzette at New Rochelle, N. Y. The form is traditional; the detail of the brickwork is Mr. Gregory's individual contemporary expression. No radical departures from customary good arrangement have been made in the planning of rooms and floor layouts, although such matters as fireplace trim, wall finishes, etc., have been taken as far as possible away from usual stereotyped treatments.
The general formation of Mr. Wilputte's house is shown at the top of the page, while various details may be more clearly noted in the lower photographs. In mass the residence resembles the Georgian country house; such details as cornice trim and moldings about window sash are quite in the contemporary vein. The brick pattern at the cornice has been repeated as ornament above the windows of the breakfast room wing, seen in the illustration at the left. Walls are mainly stone although the entrance bay and occasional other features are carried out in brick. The roof is slate and all walls have been whitewashed.
The Old And The New In Architecture Together
Create A Country House

Although the entrance portico, shown in profile at the right, has somewhat the atmosphere of a traditional Georgian mansion the columns and pilasters have been constructed in brick—an unusual material for this purpose. The variation in texture between the walls of the entrance bay and the other exterior surfaces may be noted. It is just such houses as this one that mark transitional periods between the different architectural eras. New influences always come in gradually: they never arrive full blown. In this manner each architectural style has left its own indelible traces upon the styles that followed
Planting Aids To Foreign Architecture

For a house that would be improved by a shaded terrace, but not by a porch roof, the Virginia creeper awning on the residence at Concarneau, France, shown above, offers an interesting and practical solution. The sketch to the left suggests the use of this feature on a residence of the Colonial type. Photographs and drawings by Gerald K. Geerlings

A row of clipped trees such as the one at Monikendam, Holland, in the photograph above, has been applied in the drawing at the left to a living room terrace that lacked privacy. At the right the trees provide shade for a dining terrace. Clipped Arborvitae, Pine or Spruce trees are best for this sort of work in America.
Suitable For Our American Residences

Architecturally the bald gray house above, photographed at Nayland, Suffolk, is completely lacking in every essential of beauty. The climbing vines of Wisteria, however, transform this elevation into a colorful, well-designed façade. The sketch to the right suggests dividing a bleak exterior by means of definite Wisteria panels which vary in width.

From the Cotswolds comes this idea of trimming English Ivy to a definite line. To the left, where horizontal emphasis is at variance with vertical feeling, the Ivy accents the vertical. At the right, an end bay is vertical in emphasis, and an abutting portion horizontal. Ivy grown to an even height helps unify the details.
As with all good small houses, simplicity is the keynote of the distinction this residence obviously attains. Walls are of brick and the roof may be shingled in any of a great variety of excellent materials—cedar splits, slate, tile, etc. The deeply revealed entrance doorway has been designed in a graceful Colonial fashion, with a simple pediment above the opening, supported by fluted pilasters. The living room is in a wing of its own, opening on a side porch and separated from service rooms by the entrance hall and the dining room. On the second floor are three bedrooms and two baths. The largest bedroom has a fireplace and an adjoining dressing room. Each bedroom offers unusual closet space and every room of the house has at least double exposure.

Jonas Pendlebury, Architect

Brick Walls For A House

Taken From The Colonial
ONE cannot expect to continue in good health while continually going around with wet feet. It is equally foolish to expect long life for the house afflicted with constantly wet cellars and foundation walls reeking with moisture. Such a condition of affairs is neither beneficial to the house nor healthy for the people who live within its walls. Modern demands upon the home stress greater utilization of basement space than ever before. This has been a logical sequel to the attractively designed heating boilers placed upon the market within the past few years and is still more due to the present day efficiency which looks upon unused cellar space as an economic waste.

Foundation walls should be of masonry materials primarily intended to support the superstructure while holding back the earth surrounding the cellar excavation. For this service poured concrete, stone, brick, tile, or concrete block may be selected, depending upon such factors as cost, material readily available locally and the weight of the upper walls. Any of these when properly laid up to the correct wall thickness may be depended upon to support the house without damage or danger, but this is not enough in these modern days. The construction of foundation walls must go beyond mere safety and provide water-tightness.

WATERPROOFING METHODS

A little thought devoted to the protection of the basement walls and floor will well repay the progressive home owner. Conditions surrounding the average residence construction do not involve expensive precautions, but where unusual conditions do prevail, with actual water pressure encountered, a real waterproofing job will be necessary. This will involve special study and should be referred to proper experts for satisfactory results.

Poured concrete is deservedly popular for foundation walls. It is not, however, as dense a material as it might appear to the casual observer. After the concrete has set, it will be found to contain innumerable pores, called voids, which, by capillary attraction, draw water into the wall from the surrounding earth even where no hydrostatic pressure is in existence. Some concrete will be found denser, therefore more water repellent, than others. This depends largely upon the amount and ratio of the ingredients used. The resistance to the inroads of water may be increased by adding to the concrete mix a compound which subsequently becomes a part of the wall. From this fact such waterproofings are called integral. Their function, whether in liquid, paste or powder form, is to nullify capillary action by rendering the voids in the concrete water repellent after the wall has set and the temporary forms have been removed.

MANY-UNIT WALLS

Foundation walls built of stone, brick or block cannot be treated by the integral method. These types of walls are laid up of many units held together by Portland cement mortar, and while waterproofing is sometimes added to this mortar the wall material itself may be porous, thereby nullifying this precaution. A more logical method is to apply a protective coating to the exterior face of the wall, extending it from the finish grade level down to the footings. Thus the entire mass of the wall is kept dry.

With an irregular surface such as a stone wall, a plastic waterproofed Portland cement troweled over the outer surface will fill the crevices and create a smooth surface admirable for keeping out surface water. To meet adverse moisture conditions the exterior face of the wall may be brush coated with tar or asphalt waterproofing preparations. These offer the advantage of flexibility, as they are sufficiently elastic to seal tightly hairline cracks which may subsequently appear in the wall. They are invariably black and where they cannot be kept hidden below grade should be plastered over with cement. Either of these waterproofing methods may be applied over poured concrete walls as readily as over any of the other types.

All of the methods so far mentioned for keeping water out of your cellar have either been integral within the wall or applied on the exterior surface. This is desirable because it keeps the walls themselves dry and of course is easily feasible for the man who is building his own home. For the man who is buying a house or is living in one where waterproofing of the cellar walls seems to be desirable, some method of treating the walls on the inside will be more practical. Either of the methods suggested for coating the exterior surface of the foundation walls may be adopted with success on the inside. The black asphalt will be more objectionable on the inside and some means of covering it should be provided.

It has long been customary to finish basement floors in Portland cement over a concrete base. Integral waterproofing can be added to this finish if you would have a perfectly dry floor. With the basement floor laid down some weeks or months after the foundation walls are built, the joint where floor and walls meet is the weak point in the construction. Where the ground is very damp an added precaution may be taken by filling the crack around the base of the walls with hot tar. The plasticity of this material will permit expansion and contraction of the concrete without opening up joints through which water might seep.

The careless home owner is more often responsible for the wet conditions in his basement, about which he complains so bitterly, than he sometimes realizes. The earth around the house should be sloped away from all foundation walls, and rain water from the roof should be led away from the house and not allowed to soak into the ground close to the foundation walls as is so often found to be the case where the basement is wet after every heavy rain.

INTERIOR MOISTURE

With all moisture held outside and walls dry as a bone, what do you hope to do with your basement? Will it simply be a storage space for odds and ends or have you some modern idea of furnishing it as a play room or a den, or of devoting it to some other purpose which will involve expensive finishing and furnishing? If the latter hope is in your mind you may not yet have taken suffi-
1. An electrically driven fruit extractor for oranges, lemons and limes stands 12" high on a base 10" in diameter; the goblet, which is removable, is 9" high, $22.50.  2. An electrical beater and mixer, so braced that it can stand alone, is 13" high, and serves many purposes, $24.50. Beside it stands an egg cooker, which comes in green, yellow and blue, $5.00.  3. A double action coffee and water urn is so arranged that the percolated coffee comes from one spigot and the hot water from another. It can also be used for tea. Its coffee capacity is nine cups. It stands 11" high and is priced at $45.  4. The uses to which this food preparer can be put are amazingly diverse—no less than eighteen attachments provide as many helps. $120.00 as shown. Other attachments extra.

5. Add to the diversity of electrical percolators this style in which coffee is dripped to the full strength without being boiled. The water is on one side and the percolated coffee on the other. It is of copper finished in nickel. Capacity six cups, $14.75.  6. This electric broiler can be used alone or to augment a stove. Chops and steaks can be placed in the grill and broiling heat is applied each side. A drip pan catches the fats. This type, finished in chromium, is 19½" high and 11 across, $65.  7. Among the advantages of this tea pot is that the tea leaves are placed in a tea ball which can be lowered into the water or lifted according to the strength of tea desired, 9" high, $14.25.  8. An electric pleating machine, 6" by 9" and 8½" high. $27

**Electric Machines To Speed Domestic Activities**
1. To avoid the messiness in handling eggs we suggest the following economical bits—collapsible wire egg holder, 25 cents; an egg separator for 18 cents and scissors to crack boiled eggshells, 44 cents. 2. The common flour sifter has been glorified into this—a double screen held and operated by pulling on the handle. Handles come in blue, yellow, red and green to fit any kitchen color scheme, 94 cents. 3. A Goldbergian egg alarm rings the bell when the sandglass, set for 3, 4 or 5 minutes, is emptied, $1. Below it is a butter curler for $1.25, and in front of the curler a simple lemon server that comes in a set of six for $1.25. 4. A gyrating vegetable peeler does its work speedily and economically. The handle is blue. Its price is $6.94.

5. In this group are the following—a four-blade rustless cleaver and wooden chopping bowl, $1.34; a bread slicer that guides the knife and cuts even slices, 94 cents, with the added virtues of being available in blue, yellow and green; and a pineapple eye snipper, 49 cents. 6. This nickel-plated guillotine is designed to slice a whole tomato at one drop of the saw-tooth blades, $7.50. 7. To make spices and seasonings easily available comes this rack in green, yellow, blue and ivory, with its equipment of sifter cans. It is 14" long, 3" high and 3" wide so that it occupies very little space, $1. To avoid burned hands we suggest using these tongs which will easily extract corn from the pot and potatoes from the oven. Three sizes—6, 9 and 12". $2 the set.

Kitchen Labors Lessened By These Modern Devices
The Gardener's Calendar
For August

This Calendar of the gardener's labors is planned as a reminder for taking up all tasks in their proper seasons. It is fitted to the climate of the Middle States, but may be made available for the whole country, for every one hundred miles north or south, allowance is made for a difference of time from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

**SUNDAY**

3. Seventh Su- rprise. A fine dew of early spring's first new bud or feathered bud opens the eye. The first green shoots around the dogwood and forsythia will show instantly while results in better autumn flowering. The new shoots from the ground up will be well under way.

4. Evergreens of the kinds that have been desired to be formed should receive their final pruning for the season. New shoots from the ground up will be all noticeable, as this discrimination will make them until next year, when in so well will stand with marked leaf.

5. Camellias of buds that are just showing. The blooms should receive their final pruning for the season. New shoots from the ground up will be all noticeable, as this discrimination will make them until next year, when in so well will stand with marked leaf.

6. Transplantation. The raspberry plants may be more carefully with the pruning shears. It is the time to cut off any long stems. The new ones tied in place on the trellis. One should look on this kind of support with care, as the leaf is not a good one to support.

7. Hot, sunny weather is always to be prepared for the possibility of the development of the red spider. The red mite is very sensitive to spray of oil. All oil should be applied under the foliage. Spraying with a lightweight engine is better than 'watering. The more serious in- festation.

8. The plants in the potential danger band, and indeed, in the annual planting of the vine, should be covered by a tent. The skirtings allowed to develop and rise to the need for further growth of the vines.

9. The snow and ice that have been present should be removed. The protective cut of the vine should be made. The snow and ice will help keep the vines from being damaged. This is the best time to have the snow and ice removed.

10. The snow and ice that have been present should be removed. The protective cut of the vine should be made. The snow and ice will help keep the vines from being damaged. This is the best time to have the snow and ice removed.

11. One of the early spring's first new buds or feathered bud opens the eye. The first green shoots around the dogwood and forsythia will show instantly while results in better autumn flowering. The new shoots from the ground up will be well under way.

12. King Philip's War ended, and the Shakespearians attain a new level in their performances. The play is well received, and the audience is overjoyed with the results. The new ones tied in place on the trellis. One should look on this kind of support with care, as the leaf is not a good one to support.

13. Don't forget the strawberry plants in the garden. A little extra care will help the plants to produce a good crop of fruit. The plants should be watered well, and the fruit should be picked often. A little extra care will help the plants to produce a good crop of fruit.

14. While the snow is still on the ground and the plants are covered, the plants will be able to survive the winter. The plants should be watered well, and the fruit should be picked often. A little extra care will help the plants to produce a good crop of fruit.

15. Evergreens can be transplanted in the garden now with good chances of success. The plants should be watered well, and the fruit should be picked often. A little extra care will help the plants to produce a good crop of fruit.

16. The winter weather that has been present should be removed. The protective cut of the vine should be made. The snow and ice will help keep the vines from being damaged. This is the best time to have the snow and ice removed.

17. The snow and ice that have been present should be removed. The protective cut of the vine should be made. The snow and ice will help keep the vines from being damaged. This is the best time to have the snow and ice removed.

18. The barn roof and the weather will be a good time for the barn roof to be cleaned. The barn roof will be cleaned and the weather will be a good time for the barn roof to be cleaned.

19. E. H. Wilson made the announcement that the Royal Fives will be held in New York. The announcement is made that the Royal Fives will be held in New York.

20. Do not make the mistake of cutting down the Fives forage. Fines throughout the summer are necessary to maintain the Fives. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

21. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

22. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

23. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

24. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

25. Hay and straw are the first things that are needed for the winter. The time is now to prepare for the winter. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

26. Varying snow and the weather will be a good time for the barn roof to be cleaned. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

27. This is a good time for the barn roof to be cleaned. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

28. Fertile trees will need the protection of the Fives forage. Therefore it is necessary to maintain the Fives. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

29. Fertile trees will need the protection of the Fives forage. Therefore it is necessary to maintain the Fives. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

30. Fertile trees will need the protection of the Fives forage. Therefore it is necessary to maintain the Fives. The hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

31. Eleventh Sunday after Trinity. Good weather is an absolute necessity, and the hay should be baled and sold, and the Fives will be cleaned and the weather will be a good time for the barn roof to be cleaned.

**MONDAY**

First Quarter, 1st day, morning, E.
Fall Full Moon, 9th day, morning, W.
Last Quarter, 17th day, morning, W.
New Moon, 23rd day, evening, W.

First Week: Sultry, gentle winds, threat of thunderstorms.
Second Week: Cloudy and cooler, following heavy rain.
Third Week: Clear and brisk, strong winds.
Fourth Week: Hot wave, clear, increasing humidity.

Garden Character

Every garden has its own special and separate character, which arises partly from the tastes of the owner or his gardener, but still more from the situation, aspect and soil of the garden. It is this that saves our gardens from monotony, if the condition of every garden were the same; it is to be feared that the love of following the fashion of the day would make our gardens painfully alike. But this is prevented by the happy knowledge that in the climate of the Middle States, but may be made available for the whole country, for every one hundred miles north or south, allowance is made for a difference of time from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

Old Doc Leamon Says Charity's All Right. But—

"Generally speaking," I say to folks in our society, "eats as full of the milk of human kindness as must, but right well I wouldn't like to have the look of the old lady.--Yes. It's kind of on the edge of turn in's ear, like, and all the flowers of the Holstein family.

"Jake Holstein and his wife ally been kind of on our concern, 'cause o' how shiftyless they'd do 'bout it, fourteen kids in their rambleshack old house back on the Frogpond Road. 'Bout the only work they ever do is tryin' to scare the wolf away from the door, so when their cow died two weeks ago, and Miss Capshawle had her 1930 baby born, the neighbors took up a collection for her ten dollars. So we shooped it, and gave it to the old lady for the new cow. But I'll be gol-danged if she didn't go and put all it into a second-hand flower pot! My wonder what charity ain't none too popular round here just now!"
That peculiarly ingratiating and refreshing savor of snow-white celery! It is one of Nature's most delectable gifts. And in a well-made soup, it has a rare appeal and wholesomeness. Let our famous French chefs express this to you in one of their inimitable masterpieces—Campbell’s Celery Soup. It is, too, a wonderful soup for the children’s diet, especially when creamed. 12 cents a can.

MEAL-PLANNING IS EASIER WITH DAILY CHOICES FROM CAMPBELL'S 21 SOUPS

Your choice . . . Every soup you ever want, at its delicious best!

- Asparagus
- Bean
- Beef
- Bouillon
- Celery
- Chicken
- Chicken-Gumbo (Okra)
- Clam Chowder
- Consomme
- Julienne
- Mock Turtle
- Mulligatawny
- Mutton
- Ox Tail
- Pea
- Pepper Pot
- Printanier
- Tomato
- Vegetable
- Vegetable-Beef
- Vermicelli-Tomato

LOOK FOR THE RED-AND-WHITE LABEL
Josiah Wedgwood (Continued from page 61)

ter (1751), Plymouth (1768) and other potteries through the reigns of the Georges pushed forward, making every effort to compete with the potteries of the Continent and of the Orient which were nesting in the hospitable cabinets of English collectors. All these English manufactories guarded their trade secrets with extreme care. Those others who might have dreamed of real achievement for themselves in this competitive field had mainly to rely upon the encouragement of the results of their own indefatigable experimenting.

Of such was Josiah Wedgwood, and although he did not produce porcelain commercially, his beautiful wares were the nearest approach in their final perfection. During five years or so of partnership with Whieldon he experimented industriously with clays and glazes and firing processes, making great advance. In 1734 he invented his green glass. Tea-services with the various pieces in caldflower and pineapple forms, colored after nature, were produced at this time.

IVY HOUSE

Josiah Wedgwood returned to Burslem in 1759. There he started in on his own account at Ivy House pottery, producing salt-glazes and green and yellow-glaze wares. He was then twenty-nine. Three years later he extended his business by taking a lease of the additional premises of Brick House, and there established his Bell Works pottery. At this time (1762) the fine white earthenware of Staffordshire was reaching its zenith. Wedgwood's manufactory was the most important one, in matter of quality, producing it. In this year, when a trip to Liverpool to look into the matter of transfer printing for the decoration of pottery, he met Thomas Bentley, one of the foremost merchants, and citizens of that town, who was to become his closest friend and partner. Also in this year Wedgwood made and presented a beautiful candle service in his cream ware to Queen Charlotte on the occasion of the birth of the Prince of Wales (afterward George IV). This brought Wedgwood, then thirty-two, the appointment of Potter To Her Majesty The Queen. A later time he received a like appointment as potter to the King. "Queen's Ware" was the name Wedgwood thereafter bestowed upon the beautiful cream ware of which the candle service had been made. It had a lightness of body hitherto unknown in English pottery. Its surface was covered with an exquisite glaze of great beauty and brilliance, but it was soft in tone. Moreover the forms of the various pieces exhibited great originality in their conception and were quite unlike anything that had gone before.

Josiah Wedgwood was thirty-four when in 1764 he married a cousin, Sarah Wedgwood. Throughout his lifetime she was a devoted companion and true helpmate. She had a goodly dowry, and as she had a "head for figures"—Josiah disliked accounts—it is probable that she was of great assistance to him in the management of his enterprises. To her alone he entrusted the secrets of all his formulas, and during his absence from the pottery she was the only one entrusted by him with the mixing of clays for the finer ornamental ware.

The year following Josiah's marriage, the Queen ordered an elaborate tea-set from him. This was completed in the Autumn. It surpassed all of Wedgwood's previous productions and made secure his post and prospects.

The year 1766 also marked another important event in the life of Josiah Wedgwood. In this year the Grand Trunk Canal in the potteries district was opened. To this project, of which Wedgwood was twice refused the first sod for the Canal. Although he disliked accounts, Wedgwood was far from being impractical. He had a keen sense of trade values and amassed a large fortune. His foresight was unusual. "What do you think," he wrote to his friend Bentley, "of sending Mr. Pitt (the future second Lord Chatham) to America? A quantity might certainly be sold there now and some advantage made of the American prejudice in favour of that great man." Later Wedgwood did send Mr. Pitt to America, in medalion portraitures.

Some of ceramic relief portraitures from wax models were done in white glazed pottery having grounds of a deep brown. A portrait of himself was thus produced. There was an oval medalion of Bentley in soft pottery relief, with color applied to the white field. But the finest early medalion portraits were those in his basalt ware, the reliefs in white biscuit, the ground color burnt in.

THE PARTNERSHIP

Thomas Bentley became Wedgwood's partner in producing ornamental or artistic wares in 1766. These were distinguished from the more utilitarian products which were being manufactured under the supervision of Thomas Wedgwood, a cousin. Bentley had become imbued with a love for Classic art during a long sojourn in Italy. Nothing could have been more helpful to Wedgwood than a partner of such tastes at the time when a Classical renaissance was sweeping Europe. Wedgwood himself caught this fever, and to this fact, strengthened by Bentley's own taste, knowledge, enthusiasm, learning and advice, we owe some of his greatest artistic achievements.

Wedgwood and Bentley sought out some of the best artists of the day to design for their fabric. Bentley had a wide circle of friends and acquaintances who helped in finding artists. Among these was Benjamin Franklin, who brought John Flaxman, then a precocious young artist, to Bentley's attention. Bentley, in turn, introduced him to Wedgwood, for whom, later, he modeled so many fine medallic portraits in wax. Flaxman worked for Wedgwood from (Continued on page 92)
Silver

IN DESIGNS TO COMPLETE
YOUR DECORATIVE PLAN

A thoughtfully related decorative scheme distinguishes the most gracious of modern homes. From the architecture of her house, to its furnishings and appointments, the discerning hostess carries out a consistent and harmonious effect. And now...this same discriminating good taste may be exercised in the selection of her tableware, for TREASURE Solid Silver is designed in all the accepted decorative styles, whether Early American, Early English, Georgian or Spanish. Each pattern is STERLING, of course...a standard of taste and gracious living that needs no comment.

There is a jeweler in your city who sells TREASURE Silver; he will be glad to show you the various lovely designs in this Sterling tableware. You will be interested in receiving "The Modern Way to Choose Your Silver"...the new TREASURE booklet, describing in fascinating detail how you may select your silver to harmonize with the decorative ensemble of your dining room. A copy will be forwarded promptly if you will kindly address your request to Department B1.

MARY II—WILLIAM AND MARY

With the Early English dining room... or the closely related Colonial type of interior... the Mary II and William and Mary designs are in perfect accord.

ROGERS · LUNT & BOWLEN CO.
Silversmiths—Greenfield, Mass.
Member of the Sterling Silversmiths Guild of America
Josiah Wedgwood
(Continued from page 90)

1755 till 1767, the year in which he departed for a seven-year sojourn in Italy. Among Flaxman’s portraits were George III., Queen Caroline, William Pitt, Warren Hastings, Lord Nelson, Benjamin Franklin, Dr. John Forster, Dr. Samuel Johnson, David Garrick, The Duchess of Devonshire, Admiral Lord Howe, Lord Ambrose, Sir Frederick William Herschel, Mrs. Siddons, Mrs. Barbauld and others, and also portraits of Wedgwood himself and Bentley. At the time of his introduction to Wedgwood, Flaxman seemed to have made but a sorry impression, judging from the following extract from a letter he wrote Bentley in 1775: “I am glad you have met with a modeller, and that Flaxman is so valuable an artist. It is but a few years since he was a most supreme coxcomb, but a little more experience may have curdled this of his blood.” It must have, for some years later Wedgwood declared him to be “the greatest artist of the age.”

Franklin’s portraits.

Well indeed might we treasure one of the Wedgwood medallion portraits of Benjamin Franklin from Flaxman’s hand; produced in some seventeen different sizes and colors and produced in 1777. Wedgwood also brought out other Franklin medallions—one modeled by Mrs. Patience Wright, another after a bust by Caffieri, and one after a terracotta plaque by Jean Baptiste Nini, a French sculptor; director of the terracotta works owned by De Chaumont, Franklin’s host at Passy, Undoubtedly Franklin referred to this far-cup portrait of himself when he wrote the following, from France, to his daughter Sarah (Mrs. Bache): “The clay medallion you say you gave to Mr. Hopkinson was the first of this kind made in France. A variety of others have since been made of different sizes, some to be set in the lids of snuff-boxes and some so small as to be worn in rings; and the numbers sold are incredible. . . . It is said by learned entymologists that the name Doll, for the images children of arms sold are incredible. . . . It is said by learned entymologists that the name Doll, for the images children of this country.” This was written July 3, 1779.

The famous Etruria pottery works was founded by Wedgwood in 1769. There, some four years later, he began the production of his beautiful jasper ware. One of the most interesting incidents was the long audience given Wedgwood and Bentley by the King and Queen at Queen’s House (now Buckingham Palace) in December, 1770. Bentley wrote a friend that “The Queen has made many compliments, true politeness, engaging affability, and sweetness of temper, than any great lady I have had the honour of speaking to”, and he had spoken to many. Some of their enthusiasm undoubtedly went into the beautiful medallion portrait in blue and white jasper ware which Wedgwood and Bentley made from the fine model by Flaxman. Although the political opinions of the two partners in the matter of the policy towards America were well known, it seems not to have interfered with Court favor and royal patronage. Perhaps a little better, just then, was more valuable to sovereignty than someone who was merely a good patriot. Wedgwood and Bentley had Finding appointed showrooms in London, visited by the nobility and gentry. It was, indeed, a fashionable rendezvous. There at Nos. 12 and 13 Greek Street, Wedgwood’s was first exhibited Wedgwood’s marvelous copy of the Portland vase. Another feature in Wedgwood’s cap was the completion in 1765 of a superb dinner service, ordered by the Russian Empress, (Catherine II.) for her palace at Tsarskoye Selo. The present dinner services are also shown in Greek Street: Mrs. Delany describes her visit to this exhibition in one of her letters. It is a tribute to Wedgwood’s character that his success and wealth were poetic of so little envy. Many of the visitors to the Greek Street showrooms of Wedgwood commissioned portraits of themselves or members of their family.

Of the other class of portraits, “Heads of Illustrious Moderns,” advertised for sale some years before more subjects produced between 1773 and 1787. But so rare these become that a search for any of them leads one to echo François Villon’s plaint, “Mais où sont les neiges d’antan?” Thomas Bentley’s death, in November, 1780, was a great blow to Josiah Wedgwood, for this cleared out of his life a friend who was “Blessed with an elevated and comprehensive understanding, informed in variety of science,” pronouncing “A warm and brilliant imagination, a pure and elegant taste.” Also “His extreme abilities, guided by the most expanded philanthropy, were employed in forming and executing projects for public good. He thought with the freedom of a philosopher, he acted with the integrity of a virtuous citizen.” If a man who keeps undeniably great advantage derived to Josiah Wedgwood from his intimate association with Thomas Bentley. Although the catalog inscribed from his epitaph, still they were such, and a tribute to Wedgwood should certainly not exclude one to Bentley.

An Offer

The year of Bentley’s death, Wedgwood visited the Continent and the porcelain manufactory at Meissen, near Dresden, then operating at a loss. Wedgwood believed that under good management it would prove to be very profitable and he offered £100 a year to be allowed to take its supervision entirely upon himself but his offer was declined. Undeniably Wedgwood greatly desired to have the satisfaction of manufacturing true porcelain, as the patents of the Bristol potter, Richard Champion, (friend of Edmund Burke), prevented his doing commercially in England. Wedgwood did resent this and his attitude in the matter was singularly unlike his freedom from professional (Continued on page 94)
THE EAGLE encircled by a wreath, against a star-strewn ground, was a favorite decorative motif when these United States were young.

The design for this damask was inspired by the wonderful eagles carved in wood by the noted portrait sculptor, William Rush, and now displayed in Independence Hall, Philadelphia, where his wood statue of Washington also stands. Similar eagles were a prominent part of the White House decorations when Thomas Jefferson was President.

And since the eagle, the wreath, and the star and rosette-studded ground were also typical of the Napoleonic era, you will find this distinctive damask no less appropriate for Empire and Directoire interiors.

Among the many beautiful fabrics in the Schumacher collections you will find reproductions and adaptations from the great periods of the past, side by side, with the most stimulating of modern designs. Your decorator, upholsterer or the decorating service of your department store will gladly obtain samples for you—whatever your decorating need.

"Fabrics—the Key to Successful Decoration"

This generously illustrated booklet suggests a wealth of decorative possibilities for fabrics. It will help you to plan intelligently with your decorator...and to discover many new sources of charm for your home. It will be sent to you without charge, upon request.

Write F. Schumacher & Co., Dept. E-8, 60 W. 40th St., New York, Importers, Manufacturers and Distributors to the Trade only of decorative drapery and upholstery fabrics. Offices also in Boston, Chicago, Philadelphia, Los Angeles, San Francisco, Grand Rapids, Detroit.
WHITE HOUSE Installations

are the De Luxe

Kitchen and Pantry Equipment for Fine Town and Country Homes

MADE entirely of steel, the established leader of all constructional materials, WHITE HOUSE Units are permanent, sanitary and scientifically efficient. They give lasting protection against all the damaging and unsanitary casualties by insects, dampness and fire which affect old-fashioned wooden installations. Backed by ninety years of manufacturing experience, they are the first choice of home owners who demand the best.

They are finished with three coats of beautiful baked enamel, in spotless white or attractive color. Electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Mosaic Metal pantry sinks are furnished with WHITE HOUSE Installations. Write for gray catalog.

JANES & KIRTLAND INC.

Established 1840

101 Park Avenue New York City

For Keeping The Cellar Dry

(Continued from page 85)

Josiah Wedgwood

(Continued from page 92)

Josiah Wedgwood, Hugh Owen thought that Wedgwood needlessly felt a fear of competition which rendered ineffectual, for a time, the better feelings of a noble nature.

Four years after Bentley's death, Wedgwood was elected a Fellow of the Royal Society, and Sir Joshua Reynolds painted his portrait. In 1787 followed his election to the Society of Antiquaries. Two years later his cousin Thomas, partner in the "useful wares," died, and in 1790 Wedgwood took his own two sons and his nephew, Thomas Buerley, into partnership. Following this move, Wedgwood spent the greater part of his time in his beautiful home, Ettruria Hall, collecting books and prints, and adding specimens to his cabinet of natural curiosities. There he entertained generously and he loved to show his guests around the extensive gardens which he had developed with great care.

In this then lovely spot Wedgwood's declining years were spent in happiness and good works. Death came to him in 1795, in his sixty-fifth year, finding him ready to set forth on the Great Adventure. He was buried at Stoke-on-Trent. There within the chancel of St. Peter's church is his monument, designed by John Flaxman—a large medallion portrait. Wedgwood's epitaph tells you that "he converted a rude and inconsiderable manufactury into an elegant art and an important part of the national commerce," and that "By these services to his country he acquired an ample fortune, which he blandly and generously dispensed for the relief of misfortune." But best of all, "His probity was inflexible, his kind­ness unwearying, his manners simple and dignified and the cheerfulness of his temper was the natural reward of the activity of his pure and useful life." It seems particularly fitting that John Flaxman should have been called upon to give us the last picture of Josiah Wedgwood in that memorial portrait medallion with which the great master-potter himself could have found no fault.

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In this then lovely spot Wedgwood's declining years were spent in happiness and good works. Death came to him in 1795, in his sixty-fifth year, finding him ready to set forth on the Great Adventure. He was buried at Stoke-on-Trent. There within the chancel of St. Peter's church is his monument, designed by John Flaxman—a large medallion portrait. Wedgwood's epitaph tells you that "he converted a rude and inconsiderable manufactury into an elegant art and an important part of the national commerce," and that "By these services to his country he acquired an ample fortune, which he blandly and generously dispensed for the relief of misfortune." But best of all, "His probity was inflexible, his kind­ness unwearying, his manners simple and dignified and the cheerfulness of his temper was the natural reward of the activity of his pure and useful life." It seems particularly fitting that John Flaxman should have been called upon to give us the last picture of Josiah Wedgwood in that memorial portrait medallion with which the great master-potter himself could have found no fault.

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Free Wheeling! You need not use the clutch except to start or back up

FREE wheeling, latest of Studebaker's many engineering advancements, takes half the fatiguing footwork out of driving. Gone are the nervous strain and physical strain of constant gear shifting—you need use the clutch only to start or back up!

Here is the first car created, which a woman can drive all day, yet leave serene and fresh as when she entered it. It is the first car literally to float along, in gear and fully controlled, yet free and silent as though there were no gears.

We know you'll like this different car. You'll like the smart new beauty of its contours and appointments—its longer wheelbase and wider doors, seats and windows—its slim, silvery radiator, Ovaloid headlamps, and tiny parking lamps gleaming on its broad, sweeping fenders. You'll like the spirited speed of its 122 horsepower World Champion engine, and the indescribable thrill and thrill of free wheeling. Take one and drive it—today!

The World Champion President

NEW SERIES STUDEBAKER EIGHT
The Authentic Mantel MAKES the Room

num enclosed gears, are easily handled and cleaned. They fit into any utensil and for cakes, mayonnaise, eggs or any mixing where an even rotary motion is needed, they serve their turn, quickly, inexpensively, and efficiently.

Alluring is the stainless steel meat slicer which cuts the roast into uniform slices while the protecting guide prevents all possibility of trouble. When its job is done, it folds itself in half for compact storage. In new models, too, come the familiar meat grinders, vegetable graters, and pates, puree strainers and fruit sorders which work by hand power, there is even a tearless onion slicer—all designed to make food preparation easier and the foods themselves more attractive. The electric juice extractor which gathers into its abhor glass bowl the last drop of orange or lemon juice, it fastened to the table through a simple protective device which prevents all sliding as well as marring of a fine enamel table top. Ice cubes come out of the rubber refrigerator pan by simply bending the tray; an ingenious can opener, clamped to table or wall, helps make modern cookery still more up-to-date.

SMALL FEATURES

Forks, spoons, shears for preparing fish, vegetables or fruits, even choppers have followed the stainless steel route to the housekeeper's heart while a new spoon develops a blunted point which fits perfectly into any bowl. And it is now possible to have worn silver plated flatware chromium plated at a minimum cost for service use or the automobile hamper.

The kettle singing on the stove has ever been the symbol of all that is homelike and the kettle of today combines its cozy qualities with truly modern efficiency. For it is a two-purpose kettle and boiling pot of that super-metal alloyed of chromium, nickel, and aluminum—strong as steel, brilliant as polished silver and light as air.

Of chromium nickel steel come the new kettles and saucepans in variety, the latter hanging close to the scene of their operation on super plates, steel pan-and-cover-racks, each with a row of sturdy sliding hooks with space for the cover behind each pot. Strout tongs of stainless steel and chromium plate, or the hot pan-lifter, with its pinerie-like grip protect against a too hot oven or spluttering grease. An up-right broiler for a single burner eliminates the use of the oven, holding anything under 10 x 8 inches, and saving all the appetizing juices, or a brand new smokeless and odorless type for use under the flame, conducts all drippings through an inverted cone into a reservoir which cannot overheat.

One of the metropolitan shops makes a specialty of "nationalized" cooking utensils so that the chefs of all nations, who ply their art within its cosmopolitan limits, and for hundreds of miles outside, can obtain the appliances with which they are familiar. Here, for instance, the Frenchman finds his favorite Bain-Marie of shining copper (with pots and pans to match). Or the American, educated to this invaluable means of keeping foods hot can secure the same compact model with veins of porcelain and a water pan of our favorite aluminum.

An epicure was he who invented the glorious asparagus boiler, alas in aluminum. The perforated inset tray lifts the asparagus out without breaking, when cooking is done. And should one wish to cook the entire dinner at once, a waterless cooker with its bronze base, makes this possible without a mingling of flavors. Twelve minutes is the astonishing cooking time for a chicken in this wonder pan, with its hopping arrow atop as a guide to the cooking going on beneath.

The cleaning away of a meal has ever been a dreary task. But with an automatic dishwasher built into the kitchen sink, or standing firmly in its own portable cabinet, the age-old bugaboos becomes merely a matter of scraping the plates into the pedil operated refuse receiver, unobstructive in its apple-green satin finish, and stacking them in the machine. One of the convenient pulls which appear from beneath the sink on an extension arm at the touch of a trigger may be preferred for waste. If the size of the family does not warrant a full-fledged dishwashing machine, an effective appliance clamps onto the faucets themselves, and serves as mop, soap, and water supply, combined, without the need of a dishpan. For those who cling to old tradition, there comes the fibre dish tub, with its soft cushiony surface, to guard fine china, and a new dish drainer with its own tray to give a modern touch to an ancient ceremony.

Kitchen efficiency assumes another phase when incidental laundry activities must have a place in its schedule. As urban kitchens grew smaller and smaller, and spacious basements disappeared altogether, the makers of laundry appliances trimmed their sails to the winds and designed all sorts of "little sister" equipment, especially indispensable where the main laundry is done at home, or where many tiny frocks and undies are constantly going through the wash.

For Laundering

Before kitchen laundry equipment is bought, the electric company should be consulted regarding the wiring to see if the circuit is adequate to the load it must carry. For only by wise planning of outlets can laundry tasks be simplified to the fullest possible extent. There should be an outlet in the wall just high enough for the iron, another for an electric fan. One should care for the washing machine and another for the ironer, if the latter fits into the household scheme.

A novel washer of the junior type follows an entirely new principle, that of the coffee percolator. The hot water is automatically sprayed over the clothes and then by suction drawn through every fibre of the fabric. Light in weight, it works on any direct heat. Another small machine adapts the vacuum cup principle.
EVERYONE knows that the distinguished Packard Eight provides today's supremely luxurious transportation. But not everyone knows that Packard ownership need cost no more than motoring in vehicles of lower price and less distinction.

The facts are these: Operating costs in the aggregate are no greater for a Packard Standard Eight than for any other car of like size, no matter what its price. And depreciation cost is no greater when the owner keeps his Packard a little longer than he is accustomed to drive lesser vehicles.

Thus a car delivered at sixteen or seventeen hundred dollars and traded in after two years or so costs fully as much in depreciation as a Packard Standard Eight driven some three years. And records show that most Packard owners do keep their cars much longer —both in months and miles!

Apply these facts to your own motoring. Compare the actual costs of your present car with those of a Packard Standard Eight—which any Packard man will gladly supply. Perhaps you, too, will find that you are paying for a Packard without enjoying its beauty, its distinction and its luxury.

And if you are paying for a Packard, why not have one?

PACKARD

ASK THE MAN
WHO OWNS ONE
Create Loveliness

with House & Garden

Given: a house, any house—and a budget, any budget ... September House & Garden can help you build a world of charm in even the most discouraging corners of your house.

A veritable diamond mine, this issue ... whether you wish to decorate your entire house anew, or intend to make only a few changes in the present scheme.

You will find it teeming with suggestions for furniture arrangement ... color schemes ... upholstery fabrics ... new types of rugs ... draperies and bed coverings—innumerable details that distinguish the truly beautiful house from the accurately planned but merely commonplace.

A series of interiors have been designed for you by some of the finest decorators in the country—yours to follow in fact ... or to combine with your own inspiration.

September House & Garden On Sale August 25th

One of The Condé Nast Publications

Other Valuable Ideas In September

House & Garden:

What is Regency Furniture ... French Provincial decoration ... clever new features in building contrivances ... white rooms, the new vogue ... electric clocks for every room in the house ... a variety of gardens, and how to care for them in the fall months ... photographs of American Colonial, Swedish Modern, and Mediterranean architecture and decoration.

35 cents a copy
Here's a nautical room with bunks for two and a compass for a floor.

"We'll sail to Spain and back again—yet never touch the deck." For this unique Armstrong Floor, planned specially for this room with several colors of plain linoleum, has a spot-proof Acceulac-Processed surface. Light waxing and polishing keep it spick-and-span.

EDGHT bells and all's well aboard the good ship Home. No coaxing now to get lessons done—and not a hint of mutiny when it's high time to turn in.

A very wise captain of this crew of two has planned a really remarkable room. What red-blooded boy wouldn't be won entirely by the double-deck bunks, genuine ship's lanterns, old sea chest, a "wireless" that works—and a floor that makes you want to sail the seven seas.

That floor effect is a bit ingenious. But so is the material of which it is made. Armstrong's Linoleum—yes, the same that has served you in your kitchen and bath for years. The same that today is finding its way into every room of many of the country's finer homes.

Imagination is the big reason. Imagination in the blending of rich, enduring colors, in the creating of smart, fashion-setting designs. And now, imagination on the part of America's home planners who are discovering in linoleum a welcomed versatility that permits them to fashion their own floors.

Perhaps you'd like to try your hand at floor design the next time you decorate. At least, there's a fascinatingly new story awaiting you if you'll but call at some local linoleum, furniture, or department store. Ask about the new Armstrong's Linosets and Linostrips (something quite new in linoleum) that make it so easy now to plan original floor effects. Learn anew that Armstrong's Linoleum of today is as stylish as the latest Paris fashions, the smartest motor cars.

Why not surprise your family with a really very different room? Hazel Dell Brown, decorator, will help you do it if you write for her latest book, "New Ideas in Home Decoration." It's packed full of novel suggestions not hard to carry out. Many rooms illustrated in full color. It also brings you a "Decorator's Data Sheet" and an offer of Mrs. Brown's personal assistance. Just send 10 cents to cover mailing. Armstrong Cork Company, Floor Division, 932 Mulberry St., Lancaster, Pa.

Armstrong's Linoleum Floors
for every room in the house
PLAIN • INLAID • EMBOSSED • JASPÉ • PRINTED • ARABESQ • and ARMSTRONG'S QUAKER RUGS
THAT TAKES BLACK AND WHITE,
KODACOLOR AND TELEPHOTO MOVIES

It's a matter of
seconds to slip
one lens off and
another on the
new Model K
Cine-Kodak.
Takes f/3.5, f/1.9,
and f/4.5 (long-
focus) lenses.

Pressing a handy
button automatically reduces the
speed from 16
exposures per
second (normal)
to 8 per second.
A big advantage
in dull
light.

Two features of the new Model K give
it this wide range of use . . . interchange-
ability of lenses, and half-speed operation
at the press of a button.

For ordinary use, the f/3.5 lens is com-
pletely satisfactory. But instantly inter-
changeable with the f/3.5 is the faster, more
versatile, f/1.9 lens. The f/1.9 is required
for Kodacolor, home movies in color.

Still a third lens, fitting the Model K, is
the f/4.5 long-focus for telephoto effects.

The half-speed feature gives each pic-
ture a longer exposure, a great help in
overcoming poor light.

The capacity of the Model K is 100
feet, though 50-foot reels may be used.
Its spring motor is crank-wound.

The Model K is richly finished in beau-
tiful leathers — black, brown, blue and gray
— and is sold in a combination carrying
case with room for extra film, Cine-Kodak
Filter Outil, and long-focus lens. Equipped
with f/1.9 lens, the camera weighs
only 3 pounds, 11 1/2 ounces.

Your Cine-Kodak dealer is now showing,
in addition to the Model K, the new
Model M Cine-Kodak. Equipped with
f/3.5 lens only. The lightest camera taking
100 feet of 16 mm. film. It is finished in
black only with carrying case to match.

Model K with f/3.5 lens is $110, with
case . . . with f/1.9 lens, $150 with case.
Long-focus lens for telephoto effect and
Kodacolor Filter are sold as accessories.
Model M, with case, is priced at only $75.
Complete outfits — Cine-Kodak, Koda-
scope Projector, and Screen — as low as
$145. Eastman Kodak Co., Rochester, N.Y.
WHEN the threesome happens to be you, a good book and a box of Schrafft's — then three is good company!

And to prove it — just take a box of this delicious candy home with you when your favorite easy chair coax es you to spend an evening there.

Until recently, these famous Schrafft's candies were available only to a few people — they were sold only in New York, Boston and Syracuse. Now they are sold by dealers everywhere — in cities and towns throughout the country — in stores near you — wherever good candies are sold. And you'll find them surprisingly better than any candy you ever before tasted!

D'or Elegant — $2.00 a pound; Chippendale — $1.50 a pound; Dresden — $1.25 a pound; Juliet — $1.25 a pound; Plain — $1.00 a pound; Pall Mall — $1.00 a pound; Nuts, Fruits & Creams — $1.00 a pound.

Schrafft's
CHOCOLATES AND FINE CONFECTIONS

W. F. SCHRAFFT & SONS CORPORATION • New York and Boston • OWNED AND OPERATED BY FRANK G. SHATTUCK COMPANY
Developments In Building
(Continued from page 54)

SAFETY WINDOW

An in-swinging window is weatherproof when closed and draft-proof when opened. Both sides of all sashes can be washed from the interior. It will not rattle and can be operated with ease. Really a safety window, it may be secured in bronze, aluminum or steel.

A SHOWER UNIT

For homes without a shower or where an extra shower is desired, there is now obtainable a receptor and compartment that form a complete, water-tight enclosure, with curtain or glass door, wherein the shower may be enjoyed.

Precast terrazzo receptor provides a permanent, leakproof floor for this shower. The receptor can either be placed on the finished floor or set into the rough flooring. Laying of lead pan and grouting are saved. Cracks, and leaks, will not be caused by settlement, shrinkage, expansion or contraction of building walls and floors.

The receptor has a smooth floor surface, finished to prevent slipping. It is made of white cement and black marble chips, and will harmonize with almost any type of floor. Walls of enclosure are secured to an extension of a steel flange which, together with steel mesh, reinforces the receptor.

To fit various corner or other locations several models are offered. A four and a half inch flat chromium plated metal strainer and drain set with receptor floor allows for two inch waste pipe connection. Height at which the receptor is set will vary with relation to finished floor. Installation on rough floor with finish floor laid to sides of receptor is recommended.

Supply pipes to valves and shower head are behind one wall of the enclosure. Enclosure is shipped in "knocked down" form to simplify handling and installation. Any finish may be given to the enclosure walls.

To Lighten Kitchen Tasks
(Continued from page 96)

of its grown-up sisters and holds silk underwear, or luncheon cloth and napkins, up to two pounds. An aluminum tub makes it light to handle, and when stored away it occupies a space only fourteen inches square and fifteen inches high. Still another highly colored little machine washes by the oscillating cylinder system. After clothes are clean, a button is pressed and the basket in which they were washed becomes the spinner that dries them.

To complete the kitchen laundry, an effective ironing machine for the kitchen transforms itself into an efficient kitchen table when its work is done. A simple model which operates by hand is small enough to fit into a closet when not in service.

So as we look upon the detail which has been simplified in kitchen administration by the introduction of many small labor savers, we are inclined to paraphrase the philosopher and observe that, "progress is made up of trifles, but progress is no trifle."

SOMETHING you have been waiting for . . . a cabin ship with de luxe comforts! » » Decorations by such artists as Guy Arnoux . . . rugs by Aubusson . . . great wide modern windows that flood every Salon with sunshine, dazzling modern lighting . . . a lavish sweep of deck for sports and lounging . . . ventilating system throughout the same as that of the "Ile de France" » » Every cabin with its bath or shower . . . adjustable heat control and plenty of trunk space » » English speaking stewards who anticipate every wish . . . French Line cuisine, known the world over » » The "De Grasse," the "Chomondeley" and the new "Lafayette" manned by French seamen, whose ancestors tamed the Atlantic before Columbus, form the cabin service across the "longest gangplank in the world" to Plymouth for London . . . a few hours later Le Havre, the port of Paris, down the gangplank to a covered pier . . . a waiting express . . . three hours and the city Napoleon loved.

House & Garden

The New LAFAYETTE
Decorated in l'art moderne as France Decrees the moment

French Line

Information from any authorized French Line Agent or write to 19 State St., New York
In planning the fall decorative scheme for the town apartment, consider the refreshing qualities of Celanese Fabrics. Color in Celanese Fabrics is a living thing, as vital as light refracted through a prism. Decorators will tell you that in no other material can you secure that illusive quality of sunlight filtering through glass curtains of Celanese.

Celanese Fabrics are essentially practical. They resist city dust and grime; they cleanse readily, retaining their full beauty and fine body; they hang true without the need of weights; they are not harmed by dampness; they will not mold or mildew; their colors are unusually fast, and, unlike any other type of fibre, they will not shrink or stretch.

Celanese decorative fabrics are versatile, meeting every modern need. Celanese Permanent Moire and Celanese Mirrocel for formal rooms; Celanese weaves of taffeta and satin for bedroom and boudoir; Celanese voiles and ninons for glass curtains, and Celanese marquisettes and jacquard ninons for incidental uses are among the many materials available. Now bedroom ensembles in color and fabric may be attained through combining Celanese overdraperies with Palmer Comfortables, covered in identical materials of Celanese.

Celanese yarns, fabrics and articles are made with synthetic products manufactured exclusively by the Celanese Corporation of America, 100 Madison Ave., N.Y.
MODERN AS TOMORROW—

MODINE CONCEALED COPPER RADIATORS

The presence of Modine Concealed Copper Radiators in the modern home lends a spirit of quality that is lacking in those with less modern heating appointments. This clean, comfortable, in-the-wall, out-of-sight whole structure is a spirit of quality that is lacking in those with less modern heating arrangements.

When the house is designed, the electrical contractor should be asked to install rigid conduit raceways running from the living room, or some convenient point where the main radio instrument is likely to be located, to the dining room, to the reception room in the basement, to one or two of the bedrooms and, if desired, to the servants' quarters. Four or five outlets will usually be sufficient in the average home, but the same system may be expanded for the larger house by merely providing these raceways to every room where some day there may possibly be a desire to install a reproducer or speaker. The rigid conduit raceway merely consists of specially prepared iron or steel pipes joined together with threaded connections just like so much water or gas pipe. The conduit is run through the walls or floors during construction and is completely concealed when the house is finished. In fact, exactly the same type of material is used in the better homes for wiring the entire light and power systems, because of the greater protection rigid conduit affords to all electrical systems.

From the radio point of view, the use of rigid conduit is most important because it "shields" the radio wiring system from interference by other electrical currents running through the house, and it also permits the wires that may first be installed to be withdrawn at any time and other wires pulled through the raceway to meet changing radio requirements, or perhaps to provide for television.

APPROXIMATE COST

If the entire house is wired for electricity in rigid conduit, the cost of this extra radio wiring (which is entirely independent of the other systems) is reduced to a matter of forty or twenty-five dollars for each outlet, or from one hundred to one hundred and fifty dollars for a system that will permit radio convenience in four to seven different rooms. But even if only the radio wiring is run in rigid conduit, the cost would only range from twenty-five to thirty dollars per outlet.

Where these channels are brought to the surface of the wall in each room, they come to what is called an "outlet box," which looks very much like the ordinary outlet for an electric switch or convenience connection. The plate that covers this outlet looks more or less like a combination convenience and switch plate. An accompanying illustration shows the general appearance of one of these outlets as it would be installed in the room where the radio receiver itself is to be located. The outlet plates in the other rooms, where only a speaker is to be situated, are considerably smaller. When choosing the location for these outlets, it should be remembered that most radios today are electrically operated and that many loudspeakers also require a power supply and, therefore, a pair of convenience outlets for the regular electric light systems should be brought to the same point, or at least to a place in the baseboard nearby.

The aerial, which has always been such a troublesome problem in radio wiring, may be installed in the attic, or it may be an outside aerial if one demands long-distance reception. From the end of the aerial, it is brought down through the walls to the outlet plate in the room where the receiver is to be situated. This wire should not be enclosed in any metallic covering, such as rigid conduit, because in this case, the shielding of the wire actually reduces the effectiveness of the aerial.

THE GROUND

The troublesome ground connection, which all receivers should have for satisfactory performance, is made within the outlet box itself. A wire is merely connected to the rigid conduit raceway that carries the radio connections to the various parts of the house. At some other convenient point, the electrician will install a ground clamp connecting this conduit to a water pipe, forming the most effective ground connection known.

That is all of the preparatory work that need be done to prepare the new home for radio convenience. The standard receiving set at present has three connections which must be made—one for power from the house-lighting circuit, one for the aerial, and one for the ground. These three sets of wires are plugged into the outlet plate and the radio is ready to operate without other wires being visible in any part of the house. Then the day will come when a separate speaker or reproducer is wanted in the dining room or possibly in one of the bedrooms above. When the electrician is called, he will remove the plate from the radio outlet box in the room where the speaker is to be placed, will run wires from this outlet down to the radio outlet near the receiver.

Within an hour, he is ready to install the speaker in the dining room or bedroom and to make a simple connection to the standard receiving set. Instantly the second speaker is ready to operate. Similarly, each of the other outlets may be connected either when the system is first installed or at any subsequent time and almost any desired arrangement of local and remote controls may be provided to suit the owner's fancy.

This is a suggestion for achieving radio convenience in the upgraded home. It is simple and inexpensive that few home planners can afford to neglect its advantages. In fact, it may be a profitable investment, because it is more than likely that a few years hence, real estate advertisements will offer as the last evidence of modernity that the house for sale is "wired for radio and television." Radio is no longer a mere piece of furniture like the old portable table. It is fast becoming an essential fixture in the well-equipped home.
Steel is Style

in Modern Kitchen Cabinetry

The new kitchens have cabinets and cases of sanitary, immaculate and permanent steel.
The colors may be as varied as you wish . . . the vogue being a combination with the inside cases a darker tone than the exterior finish.
An assembly of Olean Quality Standard Units can be so arranged as to provide for both the exigencies and the emergencies which any kitchen may be called upon to serve.
The exquisite enamel finishes do not mar or scratch. Their lustre will endure with the years.
A booklet "STEEL IS STYLE" has been prepared for the convenience of anyone interested in the new mode of furnishing kitchen and pantry. Your copy will be sent on request.

OLEAN METAL CABINET WORKS, INC.
OLEAN, N.Y.

OLEAN

Metal Cabinets
The information on the restoration of old pieces of furniture, the extent to which restoration is advisable, and the best and most economical manner of accomplishing it are given with the knowledge born of experience and a wisdom which is certainly "from above."

The subject of refurnishing is gone into fully, while the materials for restorations of all kinds are described and even pictured as are the tools necessary for doing the work.

Mr. Homer Eaton Keyes, the Editor of Antiques has written a Foreword to Mr. Taylor's nine chapters. The titles of these chapters, most of which bear upon the restoration and refurnishing of old furniture, are: I Antiquaries and Authenticity With Comments on Authenticity, II Remarks on Collecting, III Remarks on Collecting, IV Word on Collecting, V The Philosopy of Restoration, VI Some Details of Restoration, VII Removing Old Finishes and Preparing for New Ones, VII Refurbishing, VIII Brasses and Hardware, IX Evidences of Age, Use, Wear, and Authenticity, X Rustic Versus Age, XI Misprints and Forgery, XII Frauds and Fraudulent Methods.

The book also contains a short index, and is well illustrated.

In Chapter II, Mr. Taylor says: "Occasionally we meet an enthusiastic collector who proudly announces, 'I never restore anything. I just bring the pieces home and stand them about, quite as I find them.' I can understand such a point of view but as a policy for home-furnishing it seldom works very well. If we examine his collection, we discover it more or less wrecked, wobbly, and not in condition to do its duty. We find Windsor chairs whose backs come out with a touch, tripod stands propped in corners to hold them upright, drop-leaf tables with broken hinges, chests of drawers with their drawers stuck fast and bases missing or broken. We find chairs so cut down that the seat may be no more than ten inches from the floor, trembling bowlegs and lighthearted beds, seats and chairs in such a condition of decrepitude that they are liable, at any moment, to collapse under the startled visitor. Indeed a lengthy stay in the midst of such furniture might be characterized as a dangerous adventure.

"So our problem becomes: What do (Continued on page 104)"
The chairs in this suite are exact copies of the originals made by Chippendale for Marie Antoinette.

This Georgian dining room suite exemplifies the beauty, charm, and dignity that has been so characteristic of Shaw Furniture since the manufactory was founded by Jacob Forster of Boston a century and a half ago.

Over this long period of years, during which there has been an unbroken continuity in the business and like continuity of personality, surpassing quality has been the standard of accomplishment.

Those who appreciate the finest quality in furniture will be warmly welcomed at the Shaw Showrooms in Cambridge and New York, where a most comprehensive display may be inspected. If, however, a personal visit is not convenient, a copy of the Shaw illustrated booklet "H" will be mailed to the reader upon request.

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NEW YORK SHOWROOMS
730 Fifth Avenue at 57th Street
RESTFUL SLEEP
Where the sun’s white heat and the winds’ chill blast can’t come

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IN COLOR!

Make your sleeping porch attractive, fashionable and more enjoyable

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What is convenience worth?

CONVENIENCE has no price! And when complete convenience means such a slight addition to the cost of your new home—you can’t afford to neglect the Kerneinator in building.

Your architect knows—as ask him. He will tell you how the handy hopper door—in or near the kitchen—removes the last obstacle to complete housekeeping convenience by providing effortless disposal of rubbish and garbage.

Write today for attractive booklet.

KERNER INCINERATOR COMPANY
1930 North Water St. Milwaukee, Wis.
OFFICES IN 125 CITIES

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House & Garden’s Bookshelf
(Continued from page 102)

we want to collect and in what condition are we willing to accept our acquisitions? Shall we confine our attention to the later things which may often be found whole and sound, or shall we bring home the more or less wrecked earlier pieces which may require considerable restoration?"

And throughout his book Mr. Taylor gives the sound sensible advice for which his years of experience and a broadminded view of the subject eminently qualify him. His reverence for the beauty expressed by master workmen and his enthusiastic joy in their accomplishments are so tempered by a judgment controlled by common sense that his book is a really authoritative text book upon the subject. It is a valuable addition to American,

G. G. G.

LANDSCAPING THE HOME GROUNDS.

The appearance of this thoroughly workable small handbook of landscaping should fill a large, deep vacancy in the literature of horticulture. True, we have had other books on the subject, but few if any of them could be characterized as really practical for the lay reader. Like all the arts, the subject is a difficult one to teach by the printed word, even its customary phraseology is none too lucid per se. The result has been volumes into which the average reader, no matter how earnest, has found difficulty in sinking his figu-

tive teeth.

Happily, Mr. Ramsey has turned the tide. You can open Landscaping The Home Grounds with full confidence that it will give you real, tangible help and that that help will be authentic and in the direction of sane, sound design. It is a "how to" book of the better kind, clearly written and profusely illustrated with diagrammatic sketches and halftone photographs which visualize a wide range of landscaping principles and details.

R. S. L.


THIS is a wonderful little book, surpassing in condensation, intelligibility and practicalness all others of its kind that have come to notice. It leaves nothing in its field to be desired by the trucker, the intelligent farmer or any one who is interested in understanding about "commercial" or chemical fertilizers. And now that simple old-fashioned manuring has been reduced to very small proportions it should be of interest to all who have to do with the growing of plants. So it is to be wished that the scope of the work might be extended in order more directly to benefit those who garden on any scale at all, and those who have to do with ornamental and fruiting plants of any kind. For these classes of persons there would be interest in having analysed many more of the synthetic fertilizers now appearing under various trade names. There is uncommonly clear treatment of the most essential elemental chemical fertilizing substances in their various better known forms. The reaction of each—that is, the tendency to make soil acid or alkaline—and the precise effect of each upon garden and field crops, are set forth.

Of especial value is the table upon page 103, in which are grouped the various crops according to their degree of responsiveness to nitrogen, phosphorus and potassium, respectively. Precautions to be observed in some instances by checking such responsiveness are given very wisely where each of the various "carriers" of these elements is described. Particularly to be guarded against is nitrogen in its tendency to produce quick and apparently splendid results but a growth that because it is watery and succulent is in most crops undesirable, while any fertilizing element tending toward slight acidity will control scab in potatoes. (May the reader infer this for the bulbous roots of plants like the Peony also, and hence be content with giving such plants not more lime than is contained in the bonemeal that is ordinarily used for them?) Economy can be secured in various ways, e.g., by employing Murate of Potash instead of wood-ashes; by confining the fertilizer to the rows; by a general planning for residual results that shall benefit crops the following season. The use of acid phosphate or super-phosphate of lime in reducing and rendering more available animal manure and other forms of humus-making material, the making of "artificial manures" and, in connection, the improving of the tilth of the soil constitute perhaps the only topics that might well have been given more attention without transcending the scope of the volume.

F. B. M.
In bedrooms the CUSHIONED FLOOR preserves fresh cleanliness and quiet order

In your home, when friends and family seek their rest — in bedrooms — the yielding Cushioned Floor, freshly, surely, underfoot forms quiet welcome. Made of rubber, it combines a muffling resilience with mellow beauty. Use it if you choose without other floor coverings. For bare-foot informality it carries no alarms — it is warmly comfortable. It is non-resonant, absorbs sound and avoids the scuff of footsteps. Chair and bedstead legs leave no scar upon its pleasing patterns. Year after year the trim crispness of the design remains unchanged, quietly beautiful, diligently clean.

Goodyear Rubber Flooring is quickly and easily cared for. Cold water is usually enough. In all the rooms of your house, so effortless is maintenance, more and more will you value its convenience. It reduces fatigue in kitchens. Water will not harm it in bathrooms. In living rooms and dining rooms its dignified beauty and comfort create a lasting and generous hospitality. While in bedrooms, for rest and quiet, for simplicity of care, for order and beauty, no other household comfort will so fully merit your warm approval.

For attractive booklet, descriptive of this modern floor material, write to Goodyear, Akron, Ohio, or Los Angeles, California.

GOOD YEAR
RUBBER FLOORING

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A DAINTY BEDROOM

This graceful, floral motif expresses charm in every line — the delicate, soft tones are truly restful.

And to think that this and one hundred and fifty other designs and colorings are now available in Sanitas, the original cloth wall covering.

Do a room or two in Sanitas this Fall. You will find correct designs to match your present drapes and furniture. The transformation will not be expensive.

Sanitas is made of strong cloth, finished with a non-fading, water-proof and non-cracking surface. Clean it like woodwork, with a damp cloth.

The Sanitas trademark on each roll is your guide to quality — look for it to guard against substitution.

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Let us send you samples and a copy of this guide to good wall decorations.

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Ask your dealer to show you the Twenty-fifth Anniversary Sanitas Sample Book containing the complete line of styles for every room in the house.
Yes... mighty careful of the milk... but how about the mug?

You’re mighty careful to give your children the best milk—certified, pasteurized, germ-free. And yet, if you pour that milk into a hand-washed glass or cup, the chances are you’re mixing it with an invisible army of germs. Sounds horrible, doesn’t it? But it’s too, too true. All dishes, to be sanitary and safe, should be washed in water far hotter than any hands can stand. That’s why a Walker Dishwasher is now considered a vital health-measure in the modern home.

Physicians have so far been our best customers—more doctors have Walkers than any other single group or profession. This isn’t an accident. Doctors have been the first to realize the dangers that lurk in the dish-rag. One look through a microscope at a food-soiled plate... and you’d want your family to have the protection that a Walker assures. For complete information, use the coupon.

Quick Facts About Walkers

Self-Cleaning—the same water action that washes the dishes, cleans the machine itself.

Pots and Pans—a Walker washes, rinses and dries anything that can be washed by hand without laborious scouring or scraping.

Simple—no complicated pumps, strainers or moving sprays... so simple that a youngster can operate it.

Saves time—a Walker actually saves a month out of every year.

Safe for china—even your finest china is safer than when washed by hand—it never moves in a Walker.

Good Housekeeping—keeps the kitchen much tidier. Dishes accumulate out of sight in the gleaming porcelain enamel bowl.

Sanitary—doctors approve it because it washes dishes with water far hotter than hands can stand. Only in this way can bacteria be destroyed.

Open territory is available to a few progressive representatives

Approved by Good Housekeeping Institute

Walker Electric Dishwashers

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Long established in European finance, this type of investment trust has won wide acceptance in this country the past few years. Its supporters claim, as one of its most interesting features, that it provides an additional factor of safety through its fixed plan for diversified reinvestment... the merits of which the prospective investor can thoroughly examine before actually investing his money.

If you would like to know more about "fixed" investment trusts, write to us for any of these descriptive booklets:

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THE CONDÉ NAST PUBLICATIONS

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Impressions Of May Tulips

(Continued from page 67)

Forget-me-nots and Nigella. Princess Elizabeth is the lighter in tone and shows topaz lights when first opened and a most exquisite ammonia white when rounded form. Princess Elizabeth is more brilliant, several tones nearer cherry, and boasts a smart white midrib down the center of each petal, and a tall and stately habit.

Indescribably brilliant and luminous, Barbara Pratt (Cottage) is outstanding among the new Tulips. It is a beautifully modeled flower, long and yet rounded, of a brilliant rose-pink color, seemingly overlaid with golden light. It is finely scented and maintains its fine color until the petals fall. It is a beautiful against evergreens alone, or mingled with the Darwin in Anton Mauve against Persian Lilies with a floor of Viola Jersey Gem Almost as fine, and of a later vintage, is Aegar (Cottage), one of those deep rose-pink flowers in whose coloring amber plays a subtle part. It was near a clump of pale yellow Iris Halfdan with yellow and white Pansies and a bush of white flowering Almond and looked well. Venus (Darwin) is as pink as a June Rose and shows exquisitely against gray-white Persian Lilies. Deeper in color, a light Jazp red Dido is outstanding and most desirable. It is a fragrant Cottage variety beautifully modeled and with topaz lights along the edges of the petals. The lovely Lily-flowered Sirene is well known. White and blue flowers are its most becoming associations.

Duke of Portland (Darwin) is new, a splendid large flower carried on a long sturdy stem. The color comes nearest to that made famous by the American Beauty Rose, the whole softened and toned down by a Plum-colored bloom on the exterior of the petals. It makes a rich effect with the deep purple Robinson. Alabash, also a Breeder, is another fine new variety. In the color chart it comes nearest to light jasper red in color but the flat hue converts little of the rich beauty of the living original. It makes a fine companion for the deep-colored Bishop with a planting of Brocade crimson and the darkest violet Pansies. Buff Beauty (Cottage) is a rose and coral and amber flower that makes a glowing bed with brown Wallflowers and an edging of Apricot Violas. It is very fragrant. Quintness (Cottage) is more like a Breeder in coloring, but its long, graceful shape and pointed petals proclaim its class. It is the color of Indian Amber, light at the edges of the petals, and with a bronze-purple bloom on the exterior. The old Hamme Hales is still much sought for in this class, and Jessa is a newer variety that has a great deal of merit.

All the lavender, mauve and purple varieties of Tulip are of the first importance for use in the beds and borders, for they soften and reconcile the more brilliant hues. Older kinds which are all in demand are Antoin Mauve, Euterpe, La Tristesse, Ron (Continued on page 112)
**Portrait of a Lady**

*not quite*

There is sweetness, delicacy, and breeding in this face. And rightly so, for hers is a family of splendid traditions.

Its men were always men of courage and gallantry. Old New Orleans and Louisville, Virginia and Kentucky, knew them well and honored them.

Their names are written brilliantly in the history of their times. Its women were always fair, always aristocratic—ladies every one.

In the winsome, lavender-and-old-face annals of the South, their romances and their lives form a lovely chapter.

Surely if any young woman inherited the right to be called a lady, it was Lila... the sixth Lila... with her breeding and her charm silhouetted against the rudeness that is 1930.

And yet... and yet—her friends avoided her, and behind her back people whispered the damning truth. Too bad she couldn't have overheard. Halitosis (unpleasant breath) is the unforgivable, social fault. It doesn't announce its presence to its victims. Consequently it is the last thing people suspect themselves of having—*but it ought to be the first*.

For halitosis is a definite daily threat to all. And for very obvious reasons, physicians explain. So slight a matter as a decaying tooth may cause it. Or an abnormal condition of the gums. Or fermenting food particles skipped by the toothbrush. Or minor nose and throat infections. Or excesses of eating, drinking and smoking.

Intelligent people recognize the risk and minimize it by the regular use of full strength Listerine as a mouthwash and gargle. Night and morning. And between times before meeting others.

Listerine quickly checks halitosis because Listerine is an effective antiseptic and germicide* which immediately strikes at the cause of odors. Furthermore, it is a powerful deodorant, capable of overcoming even the scent of onion and fish.

Keep Listerine handy in home and office. Carry it when you travel. Take it with you on your vacation. It is better to be safe than snubbed. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

*Full strength Listerine is so safe it may be used in any body cavity, yet so powerful it kills even the stubborn B. Typhosus (typhoid) and M. Aureus (pus) germs in counts ranging to 200,000,000, in 15 seconds. (Fastest time science has accurately recorded.)*
Can he get at your flower beds?

Of course he’s just a lovable dog but, like any other dog, he loves to tear up your lawn and scratch around your flower beds and shrubs. Cyclone Fence keeps stray dogs outside and keeps your own dog in your back yard. Bars would-be intruders of all kinds. Keeps your children out of dangerous streets. Provides real home protection and privacy.

Cyclone Fence is made of durable copper-steel, erected on H-column posts, set in reinforced concrete foundations. Installed everywhere by Cyclone-trained men.

Write for information.

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Pacific Coast Division:

STANDARD FENCE COMPANY, Oakland, Calif.

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The Garden Scrap Book

SWEET ALYSSUM. Midsummer usually brings to the edges of Sweet Alyssum a period of dilapidation which makes them sorry-looking things indeed. Dry weather and heat, following on the heels of the prodigal efforts which the plants have already put into blossom production, reduce them to poor ghosts of their former cherry-sweet days.

Much can be done to revivify these indispensable annuals by clipping them back, cultivating and encouraging them with good sprinkling of sheep manure. Follow this with thorough waterings once a week, and you will be rewarded by additional bloom which, while it may not equal that of the earlier season, is distinctly worth while.

LAWN CARE. The lawn in late summer usually becomes rough and uneven from worm castings, so it will need rolling before it goes into winter quarters. Do not mow the grass too late in the season. Give it a chance to make sufficient growth to furnish mulch for the roots during the winter. It is also best to omit the mowing after the end of August. Postpone it until spring, merely raking off the autumn leaves this fall without digging down to the roots of the grass to take away the mulch of its own dead foliage.

Grass seed may be sown at any time all winter with excellent results, especially when the snow is on the ground. Then it can be seen against the snow and even distribution becomes a matter of inspection. The melting snow swells the seed as it carries it down to the soil and brings it into close contact with the earth so that early spring germination is assured.

Take care of the lawn this summer, and fall and you will be rewarded next spring with an extra luxurious growth. Do not use lime. It doesn’t do any particular good and is not conducive to the growth of weeds nor are acid conditions.

WESTERN TROUBLIES. California has introduced into garden culture a number of handsome species of Erythroniums or Trout-lilies that are reliable bloomers, large flowered and in a variety of color including rose, yellow, white and pink. The Californians have proved perfectly hardy in the Eastern States and are among the most attractive of the spring flowering bulbs. Some of them have two or three flowers to a stem. Unlike the Eastern Erythroniums, the Californians do not send out underground runners to propagate but increase from seed. They are small bulbs to be planted about four inches deep. A few dozen of these in some shady spot will make a beautiful group and are well worth a trial.

They are now stocked by most dealers and the California dealers handle them in quantity. They bloom in early May, usually a little later than the natives in the Eastern woods. The pink and rose species are unusually fine and the big yellow ones are as beautifully colored as their Eastern relative and seem to be more robust growers.

SMALL TULIPS. When the order for Tulips is being made up, it may be well to include a few kinds suitable for rock garden planting. The best of these are commonly known as Rock Garden Tulips. The Candy-stick Tulip (Tulipa clusiana) is a particularly curious and interesting species which thrives well under rock garden conditions. It grows only eight or nine inches high, and has a small flower on a slender stem, the outer petals being chervy red and the inner petals white with crimson edges.

This Tulip needs to be planted eight or nine inches deep, and prefer a somewhat sheltered place with a light soil. It can be grown in the house as well as in the rock garden, being forced in the same manner as other Tulips.

A sweet-scented wild English Tulip, T. hybrida (fluctus odorata), is a good rock garden Tulip, although not often seen in this country.

PHLOX SEEDLINGS. One of the hardy Phlox border is the self-sown seedlings which never try of trying to obtrude their usually inferior hues into the carefully calculated color scheme. Their inferiority of blossom is generally so marked that one wonders how they can be the offspring of such pleasant parents.

Perhaps the best way to cut down the prevalence of these interlopers is to prevent the old plants from ripening seeds. It may be a bit tedious to go through the border every few days, nipping off all blossom heads that have dropped their petals, but such a plan, thoroughly executed, will completely forecast all self-sown seedlings. Unless it is done, even the finest collection of named Phlox varieties will wholly change its character in the course of two or three years.

SEED SOWING. Fall sowing of seeds of many perennials has been found to be a practical means of securing good germination, particularly seeds of those plants which are usually slow and uncertain. Seed of the Globe-flower or Trollius will not germinate until it has had a winter of thawing and freezing, even if sown as ripe in midsummer.

Any of the slow germinating perennials may be fall sown. Among these are Delphiniums, Columbines, the various Irises, Primroses, Meadow Rues and others. Those of faster germination, such as Pinks, should be left until spring. All of the Pansies and the various Iri.ses, Primroses, Meadow Rues may be sown to good advantage in the fall.

Delphiniums germinate most readily at low temperatures. Unless sown cold, they may not show above ground at all in warm weather. Sown in March or early April, however, germination usually is good. Fall sown seed also shows good germination. Columbine seed (Continued on page 115)
INVEST A FEW DOLLARS IN HUMUS
Get a Thousandfold Reward in Healthier Plant Growth

Every Lawn—Every Border—Needs WESTOVER HUMUS

Nature is such a perverse and undependable creature in the matter of supplying air and water to her growing things!

That is why a few dollars' worth of humus brings such high dividends in gardening success. Whether your garden exploits extend to acres and acres, or merely to a small lawn and shrub border, you need humus to promote healthy growth. It is a required form of insurance against errant Nature’s irresponsibility.

Every one of the noted show gardens of America makes lavish use of leafmold humus. All the landscape architects and growers strongly urge the use of it.

Richard Ferris, professor of science, has contributed an interesting article about humus in June House & Garden. Read what he says:

... It lightens the too solid mass of heavy or clayey soil with thousands of little reservoirs of free water to entice the roots of plants which could never have forced their way into the packed clay, and, when the water is gone, leaves a multitude of little air cavities which will never fill up again. The soil has been permanently improved. Humus is the gardener's “money in the bank”—a bank which never fails to return one’s deposits with astonishing mùay.

WESTOVER Leafmold-Humus is 89% organic matter, the living essence of all the helpful substances found in growing plants. Gardens, lawns, trees, and shrubbery thrive and grow bountiful upon Westover Leafmold-Humus.

It is odorless, convenient, and positive in results. You have only to spread a half inch or more over the soil...spade or plow it under...and nature will do the rest.

Now is the time to insure your lawn and garden against the August drought with Westover Leafmold-Humus! A 100-pound sack, spread one-half inch thick, will cover 65 square feet.

Price $1.50 a sack. 12 sacks for $15.00 (f. o. b. Stamford). Special quotations on truck-load quantities

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You Can't Be Too

Careful about Details

... they are so important, and reflect your pride in your home and its surrounding grounds. Your fence, too, must be beautiful, yet provide adequate protection and be sturdy enough to withstand wind, weather, and time.

French Provincial Woven Wood Fences, constructed of live young chestnut palings woven together with Copperweld wire, are sturdy, quaintly charming, and readily adaptable to every type of architecture. In full five foot sections, ready to erect.

French Provincial

Woven Wood Fence

Robert C. Reeves Co., 101 Park Avenue, New York City

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lawns and gardens must have healthy growth

-Skinner System of irrigation provides the proper rainfall so essential to this growth—never causes it to be "too much of a good thing." Twenty-five years of pioneering and development make it the outstanding leader, with a record of having successfully solved every watering problem presented to it.

No matter what your watering requirements may be, there is a Skinner System consolided heads, overhead lines or portable sprinklers to adequately take care of it. Skinner is easily installed and used at a cost so low it will surprise you. Once installed Skinner is always ready to give your lawns and gardens the rainfall they need.

Our booklet "RAIN" explains Skinner System in detail. The coupon below brings this, without obligation. Mail today.

RAIN WAVE PORTABLE

This efficient portable sprinkler (illustrated) will water an area of 60 by 40 ft. or 5600 sq. ft. Automatic shut-off throws beautiful area of water. Sold in 10 day trial. Check coupon for details.

THE SKINNER IRRIGATION CO.

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I am interested in having rainfall for my lawn and garden whenever it is needed, at the "turn of a valve". Please send me your booklet "RAIN" without obligation.

☐ Check here if you desire details on "Rain Wave" portable and the 10 day trial offer.

Name

Address

Forsythias To Greet the Spring

(Continued from page 65)

By Robert C. Reeves Co., 101 Park Avenue, New York City

... it is wise to put a mulch of manure around them after the task is completed to encourage the next season's new growth.

There is a strong family resemblance between all the species and forms but this similarity may be misunderstood that in some flowers the little capitate stigma reaches to the throat of the bell. In others two pollen laden anthers take the place. Here we have a long style and a short style which is intimately associated with cross pollination. It is the old pin-curl and thrum-eyed condition of which the classic example is the common English Primrose. An interesting anatomical character which is not without its practical value since it is an infallible guide to identification in two species and the hybrid may be mentioned. In F. suspensa the center of the stem between the joints is hollow, no pistil being present; in F. viridissima the pistil is present and is arranged serially in places, being described as Lamellate. By cutting down a stem any time of the year these two species may be distinguished. More interesting still, in the hybrid F. intermedia some lengths of the stem are entirely without pistil; in others lamellate pistil is present; in others it is present at aberrant intervals. Is not this an interesting heredity trait? If your dealer wants to sell you F. viridissima or F. suspensa for the hybrid F. intermedia, you have but to split a clone longitudinally to check up on the accuracy of his name!

A point about Forsythias which is well understood for the flowers but not so well as it ought to be by the amateur is the period when the blossoms are carried. This, like many other flowering plants of this nature, invalidates the rule and so it is not surprising to learn that many fine varieties have been named since the introduction of F. intermedia with a greater plenty; moreover, they are a rich deep yellow and larger than those of any other sort. If one Forsythia only could be planted, it should be this most showy hybrid.

Similar to F. spectabilis but with longer, rather smaller flowers is the variety viridissima. A worth mentioning is the variety primuliflora which originated in the Arnold Arboretum many years ago and has clear primrose-yellow blossoms. Another sort with pale yellow flowers is the variety poliata, but except to those interested in collecting it has little value. A distinct variety of Forsythia with pendulous branches and rather light yellow flattish flowers much crowded together on the branches.

Forsythias in general, omitting the rather tender F. viridissima, may be considered bud hardy as far north as Boston, Massachusetts. In ordinary winters they bloom freely even farther north but since some of the buds are killed in the Arnold Arboretum, however, one can plant them at least as far north as the Massachusetts border with reasonable certainty of having a display of blossoms. What is needed is a Forsythia bud hardy as far north as St. Lawrence Valley. This desirable species with superior qualities has been supplied by F. aurea, a recent introduction from northern parts of China. It is a sturdy shrub, with ascending, slightly pendulous branches, forming a bush of stiff habit, from six to eight feet tall. The dark is pale yellowish green, quite different from that of the Chinese species and their hybrid progeny. The flowers are pale yellow, small, but abundantly produced, white with pinkish tips. It is one of the plants which it was my good fortune to have been produced from American gardens by means of seeds collected in 1917. It has flowered freely for a number of years past in the Arnold Arboretum and each year more...
**Madonna Lilies**

Home-grown Bulbs from The Green Mountains

Ready NOW!

White as freshly fallen snow; fragrant as the rarest perfume from the Indies; the loveliest of the entire lily family. Lilium candidum grows well in open, sunny places, needs but little attention, should live for years, rewarding you with many blooms in Mid-July.

Solid, home-grown bulbs, direct from the bulb beds,
45c each, $4.50 per dozen, $35 per 100
Imported bulbs (ready in September) 30c each
$3 per dozen, $22 per 100

Complete printed instructions for planting and culture sent with each order

**Regal Delphinium (Hardy Larkspur)**

We offer one of the finest strains of hybrid Delphinium available today—from seed produced by one of the greatest English growers—fulfilling every promise the name implies. Heavy compact growth, large individual flowers in long dense spikes, in colors ranging from pink shades to deep blue and mostly double—they are truly regal.

35c Each  
$3.50 Dozen  
$25 per 100

If you do not have our catalogue of perennials, lilies, rare orchids and ferns, shrubs and evergreens, please advise us; a copy will be mailed at once.

F.H. HORSFORD, Box A, Charlotte, Vermont

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**Why Bugs Leave Home**

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**WILSON’S O.K. PLANT SPRAY**

Destructive insect pests multiply rapidly at this time unless checked by the use of a good standard insecticide. Protect your flowers, plants, shrubs, and evergreens now, by spraying frequently and thoroughly... particularly on the underside of the leaves... with Wilson’s O.K. Plant Spray, the nationally recognized standard insecticide.

Recommended by the Officers of The Garden Club of America
1 quart $1.00 1 gallon $3.00 5 gallons $12.00 10 gallons $20.00

Wilson’s WEED KILLER is the answer to those obnoxious weeds, poison ivy, etc. ... simply dilute with water and sprinkle ... 1 gallon $2.00, 5 gallons $8.00. And then there is Wilson’s RHODY-LIFE, a wonderful soil stimulant (not a fertilizer) for making the soil acid or ideal for growing Rhododendrons, Azaleas, Laurels, Pines, Spruce, Blueberries, and other acid-loving plants. Wilson’s RHODY-LIFE may be applied at any time of the year... 100 pounds $5.00, 1,000 pounds $45.00, 2,000 pounds $85.00.

“Insects and Their Control” is the title of a new book by Andrew Wilson illustrating the various insects and scale that attack plants and trees, with directions for their control. Price $2.50 postpaid.

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**Anchor Weld Iron Fences and Gates**

Strength, beauty and distinctiveness are the characteristics of Anchor Weld Iron Fences. Their simplicity harmonizes with every type of landscaping and architecture. A fully illustrated catalogue sent on request. Just call or write the nearest Anchor Office.

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**ANCHOR FENCES**
Impressions Of May Tulips
(Continued from page 106)

old Gunu, Mauve Clair, Dream, William Copeland, Melicent and a number of others. Valentin (Darwin) is an especially fine variety, heliotrope in color, that is lovely against white Lilacs with clumps of pale yellow ironwort. Iris and patches of known Pansies. Remembrance is a new Darwin of great charm, a pure Lilac-colored flower with pale edges and delicate rose featherings on the outer petals. It grows here in a little group with the pink Kriemhilda and Kingsbay with masses of double-flowered Arabis and a pink Crabapple tree behind. Le Mogul and Solomon are Breeders of good color, the one pure lavender, a cool color, with delicate suffusions of a deeper tone, that makes a most interesting planting above bright blue Pansies; the other soft pinkish-mauve which I found very nicely supplemented by a foreground of the new Viola Jersey Jewel that has a good deal of red in its composition. King Max is unrivaled for a deeper tone and the Bishop (Darwin) with its fine purple color makes a brave show with Chaenomeles allioni as a good companion.

Of the newer dark-colored Tulips that are of such value in deepening and strengthening the effect of the borders, none is finer than the new Mystery, a superb, square-built Darwin, redder in tone than Zulu but still very dusky. It is splendid rising above a glancing of Bleedingheart and mingled with Barbara Pratt and Valentin against Lilacs. William The Silent (Bredere) is also outstanding among the new Tulips, a very dark plum-color with deeper shadowings and a wide cup. Velvet King is a particularly fine Tulip of the Darwin type, and would have a bright future for it is not at all too soon to start locating them in the garden, though it is distinctly tinged with lemon at its first opening. It should be planted among Bleedingheart, Anemone and the earlier white Florinttce Iris. Kings Bay is a new Darwin, creamy in tone with a straw-colored suffusion on the outer petals. It is attractive for use among the Lavender and pale pink Tulips.

And then we have Vesta (Cottage), a translucent white flower with faint opalescent lights when it first opens; and Earl William, one of the daintiest of all varieties, cream-white with a hairline of Fuchsia-pink on the edges of the petals and faint, almost indiscernible flecks of the same color on the surface and a delicate lemon suffusion. It counts as a white Flower in the gardener's larger scheme of things.

No flowers bring to the garden at any season greater beauty or more splendid color than do Tulips. Those mentioned in the foregoing pages are but the high lights of the many superb new varieties to be had. They are all of fine form and upright carriage and a gardener could not do better than to choose among them. It is not at all too soon to start locating them in the catalogues.

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Name

Address

City State

(Continued on page 114)
comes up thickly when sown in the fall. The soil should be firmly packed above it either with the flat of the trowel or by stepping upon it. This seems to assist germination of the seed materially.

Galillardias may be sown this fall and they will be on the job bright and early next year.

The fall seed bed needs unusual care in the way of a substantial mulch. After the seed rows have been planted, give a good cover of straw, hay, pine needles or autumn leaves held in place with brush or light boards. The bed must be protected from the wash of fall rains and from the melting snows so that the seed will not be washed away.

BRAMBLE FRUITS. Brambles are a sort of compromise between a shrub and an herbaceous plant; that is, their canes have but one fruiting season. Proper pruning is dependent on this habit and signifies that the old canes must be cut out as soon as they have fruited.

The work of pruning may be deferred until fall or winter, but it is better if done as soon as the crop is harvested. Brambles are all prolific in producing new canes, and these must be thinned, leaving not more than four or five for the fruiting season. These fruiting canes must be nipped back when they reach the desired height, that is, they should not be allowed to grow higher and then be cut back. So checking the growth causes the plants to throw out vigorous branches near the ground and makes well-balanced bushes. Red Raspberries are an exception and should not be pinched back.

FALL DELPHINIUMS. These indispensable perennials, when well established, will give a very satisfactory second crop of bloom in the autumn if they are specially treated with this end in view. The spikes will scarcely equal those of June, but are well worth the effort otherwise.

Unless you have already done so, cut off the old flower stalks about a foot and a half or two feet above the ground, and work a couple of handfuls of raw ground bone into the soil around each clump. Then water thoroughly, repeating once a week unless the rain intervenes. This treatment gives plants the extra encouragement called for by a second flowering season.

EVERGREENS. August is one of the two periods in the year which are adapted to the planting of evergreens, the other is early spring. By planting this month, and keeping them well watered until cold weather, the chances of their coming through safely are better than with delayed planting. The work of pruning may be deferred until fall or winter, but it is better if done as soon as the crop is harvested. Brambles are all prolific in producing new canes, and these must be thinned, leaving not more than four or five for the fruiting season. These fruiting canes must be nipped back when they reach the desired height, that is, they should not be allowed to grow higher and then be cut back. So checking the growth causes the plants to throw out vigorous branches near the ground and makes well-balanced bushes. Red Raspberries are an exception and should not be pinched back.

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To Grow The Chinese Primrose
(Continued from page 69)

Seldom repeats itself, but if by any chance you failed to buy Schilling Quality Bulbs at our import prices of May and June, you will be glad to know that we still can offer a limited number of the collections listed below during the months of July and August only, at prices far below those that will obtain later.

Send for our Special Bulb List. N.B.—these are all top size, finest quality bulbs, in excellent grade—most of them not mixed. Plant each variety separately and be sure to appreciate the individual colors and forms of your bulbs—each one of them a perfect specimen of its variety.

100 Single Early Tulips in 10 named varieties $6.00
100 Double Early Tulips in 10 named varieties $6.50
100 Darwin Tulips in 10 named varieties, brightest flowers on market $7.00
100 Cottage Tulips in 10 named varieties, The Tulips of Grandmère 
3.30
100 Breeder or Art Tulips in 5 rare named varieties $2.50
100 Grape Hyacinths, Beautifully budded, bulbs in touching order for early forcing $1.50
100 Redfillis for naturalizing $1.50
100 Glory of the Snow, blue, Chinese, or Oriental, best of the earliest Spring flower for naturalizing $1.00
100 Peat's Narcissi $1.00
100 Crocus, in 5 colors $1.00

Total Value $57.50

Special Offer $50

The choice collection of 100 Darwin Bulbs.

* * *

**To Grow The Chinese Primrose**

important part in the breeding of future Forsythias of still finer sorts.

The European species which was discovered in Albania in 1897 and named F. europaeus, is a very tall growing shrub with relatively few, upright and stiff branches. Indeed, the plant is rather gaunt in appearance. It is the tallest of the species and bears liripetalous yellow blooms. Unlike the others, it alone possesses valuable in hybridizing it will not add much to the beauty of its family.

Recently a Forsythia was discovered on the mountains of the western part of Japan and fittingly named F. juniperina. So far as I know it is not in cultivation. For those who garden from Newport, Rhode Island, south, the existing species, hybrids and varieties of Forsythia supply about all that can be expected of any one group of shrubs. For those who garden northward the story is different and the need of hardier races is very desirable. It is high time that some of our newer nurseries attend to the breeding of ornamental shrubs to supply this present deficiency. There is abundant raw material even in the small genus Fortziana, for the experiment is being made. What that great French family of Lemoine has done for our gardens is surely worthy of emulation by the rising nurserymen of America.

![To Grow The Chinese Primrose](https://example.com/thumbnail.png)
will be good, for they are practically in a dormant condition now and can be moved with a minimum of shock. During September and October they will probably make new roots and become fairly well established.

Evergreens should be dug only after a heavy rain or artificial watering. Holes to receive them are prepared in advance, with plenty of peat moss or leaf mold mixed with the soil, especially if the latter is of a clayey or sandy character. In the actual planting, work the soil very thoroughly among the roots, firm it well and drench with water. A melch of peat-moss or dead leaves will do much to conserve the moisture and lessen the need of subsequent watering.

PEONY BEDS. Although Peony planting can hardly begin until the end of September, August is the time to prepare the soil so that it can settle to its permanent level before the roots go in. Unless such settling takes place there is danger that the crown will eventually be too deeply or insufficiently covered to give their best results.

There is such a thing as over-feeding Peonies, though they do need rich soil. Thoroughly rotted barn or manure may be dug in to a depth of two feet, with a sprinkling of lime to correct tendencies to acidity. It is important to get the nourishment in deep, for the roots are long and should be encouraged to go down.

IRIS PLANTING. Every two or three years the clumps of German Iris should be divided in late July, August or early September to obviate the overcrowding which results from the natural expansion of the plants. The simplest way to do is to take a sharp spade and cut downward through the clump, dividing it into several pieces, each with from one to three "hands" of leaves intact. Each of these is replanted at once, barely covering the rhizome itself but spreading the true roots outward and downward to a good depth.

WATERING DAHLIAS. As their flowering time approaches the Dahlias ought to be kept growing vigorously by the application of plenty of water if the natural supply is deficient. Unless this need is taken care of there is almost sure to be a diminution in the size of the blossoms and even in their numbers.

When watering is done, do it thoroughly, as with any other kind of plant. If the hose can be turned in and allowed to trickle slowly, so much the better. Otherwise, use a large watering can and return to each plant several times, allowing each application to settle in well before going on to the next one. The soil ought to be wet to the depth of a foot immediately around each plant. Cultivate the surface next morning to check evaporation.

IRIS BARGAIN. The Garden Scrap Book describing Linacre Rustic Fences, as installed on some of America's finest exterminated...estates and suburban properties. The Linacre Line includes Woven, English Hardie and Post-and-Rail Fences, sturdily constructed of seasoned, weather-resistant woods. A Linacre Fence requires no paint, and age only adds to its beauty. It is economical in first cost, installation and upkeep.

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NEW JERSEY FENCE COMPANY
22 LOGAN AVE. BURLINGTON, N. J.

KILL ANT COLONIES
—at their source!

THESE unsanitary and destructive pests are now quickly destroyed at their source...in the nest.

The Antrol System consists of small glass containers, filled with special Antrol Syrup, and placed around your house or garden according to simple directions. Ants carry the syrup to their nests for food...the entire colony is soon exterminated...surely...permanently...and at little cost. Antrol is safe to use around children or pets.

Get the Antrol System from your leading seed, hardware, or drug dealer today. If he does not have it, mail the coupon below giving dealer's name. We will send you free, instructive booklet on pest control, and refer you to nearest Antrol dealer.

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Please send me without cost or obligation illustrative booklet on pest control.

Name...

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Good Gardens

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It really pays in dollars and cents to buy the strong well-grown plants...the healthy, carefully-selected seeds...the clean fertilizers...the strongly-made garden tools...that are put out by the reputable firms advertising in these pages.

You don't have to buy replacements, when your stock is good to begin with. You get better blooms, in better colors, with less nursing. You aren't distracted by pests introduced through inferior material.

Look over these pages now, and make your orders at once. If you don't see what you want, ask our Information Service...we'll be happy to serve you, without obligation, of course.

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New York City

The Garden Scrap Book

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HOUSE & GARDEN
Graybar Building
Lexington at 43rd
New York City
TRADE LITERATURE
OF INTEREST TO THE HOME OWNER

Each month there will be briefly reviewed on this page a number of the new brochures, pamphlets and catalogs which have been issued by concerns in the building, decorating or gardening fields. This issue is devoted to manufacturers in the decorating field.

• WALLPAPER

Which Wallpaper and Why. How to select the proper wallpaper for the rooms in your home is the subject of this booklet. The different topics discussed are wallpaper in relation to the type of architecture, the sizes and shapes of the rooms, the proper colors, the treatment of panels and the correct use of borders. The Wallpaper Association, 20 East 45th Street, New York City.

• DECORATIVE SCREENS

Lloyd Screens. Color illustrations depict several attractive decorative screens by Lloyd. Each page in this folder shows a different screen. All are substantially made, and special types can be made to order on short notice. Dimensions and prices of each screen appears under the illustration. A number of decorative hampers are also shown. W. H. S. Lloyd Company, 48 West 48th Street, New York City.

• WALL COVERINGS

What Sanitas Can Do to Modernize Your Rooms. The advantages in using Sanitas, a washable wall covering, are set forth. Sanitas is so composed that it will not crack, tear, blister or peel. It is made in a variety of colors that complement one another and which offer helpful suggestions to the home owner. A chart shows the many lovely color schemes, for draperies, wall handlings, upholstery and floor coverings. Each page in this catalog many designs in Sanitas Towels are reproduced in color. The text is accompanied by illustrations in color. Leinen Whiteman & Co., Inc., 391 Madison Avenue, New York City.

• FLOOR COVERINGS

Decorating Your Home. The many lovely color illustrations of interiors decorated in various residential and commercial buildings in Holland, France, Germany, and the United States are shown. The text is accompanied by descriptions of the color schemes, which are all guaranteed. Mohawk Carpet Mills, Amsterdam, N. Y.

• COLONIAL FURNITURE

Colonial Reprint by Cushman. A selection of Colonial reproductions is given in this booklet, all of which are made by the descendants of the craftmen who created the originals from which these pieces were copied. In many cases the reproduction of the antique is carried to the fullest extent, even to the wear and rounded chair rails. H. T. Cushman Mfg. Co., North Bennington, Vermont.

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• RADIATOR ENCLOSURES

Dreams Do Come True. Types of Hart and Cooley Radiator Enclosures are depicted in this catalog. In describing these enclosures, one of the points brought out is that the rugged construction and insulated tops make them very useful as furniture. There are four panel designs to choose from and a choice of several colors. The Hart and Cooley Mfg. Co., New Britain, Conn.

• B ED S

The Health-Quality in Sleep. This booklet tells why Simmons sleeping equipment promotes healthy sleep. The equipment provided by this company consists of an all-steel bed, the Simmons Ace Spring and the Beautyrest Mattress. Illustrations suggest color schemes for six bedrooms in which various designs of beds have been used. The Simmons Company, 666 Lake Shore Drive, Chicago, Ill.

• GLASSWARE

The Charm of Colorful Steuben Glass. A wide variety of Steuben glass in brilliant colors and in crystal, is shown in this booklet. In addition there are decorative vases, goblets, bowls, cigarette boxes, dressing table sets, etc. Each piece is blown and modeled by hand. Stock numbers and prices accompany the illustrations. Steuben Division, Corning Glass Works, Corning, New York.

• ELECTRIC DISHWASHERS

The Dawn of a New Day. Photographs of several models of the Walker Electric Dishwasher appear in this catalog. Several reasons are given which show what an advantage it is to have an electric dishwasher. In addition to its labor-saving qualities, this machine provides for sanitary dishwashing. Inquiries from readers, and several testimonial letters are reproduced.

• METAL CABINETS

Olean Quality Metal Cabinets. The cabinets shown in this folder have many distinguishing features, all of which are described. Made of steel and finished in Dynaco, they are both practical and decorative. They are available in ten widths and six styles. This provides enough variety in size to fit any style kitchen without the necessity of building special cabinets. Olean Metal Cabinet Works, Inc., Olean, N. Y.
"Can't you see it? A real house—brass pipe and everything!"

Your new home! It may be your first or your second—but there’s the same thrill in planning it!

For you want that home to be just right. That’s why you choose copper for your downspouts and gutters . . . copper or bronze for your screens. You know you’re wise in choosing a rust-proof metal for this outside equipment that’s exposed to the weather.

But isn’t it just as important that your water pipes be proof against rust? Just look for a moment at the very real savings that come from an investment in Chase Alpha Brass Pipe.

In repair bills alone Chase Alpha Brass Pipe saves its cost many times over in actual cash. Then there’s the saving in all the laundry that can be stained by “brown” water from rust-clogged pipes.

And isn’t your comfort worth something? No waiting for the water to run clean . . . no miserable trickle in the bathtub when a faucet’s opened downstairs!

Worth considering, don’t you think? Especially since Chase Alpha Brass Pipe costs very little more than pipe that rusts. For instance, there’s only about $75 difference in a $10,000 house.

Chase Alpha Brass Pipe is available everywhere through plumbers. Every length is stamped with the name and Chase-mark at twelve-inch intervals.

LOOK AT THESE FIGURES!

For this $7,500 house, Brass Pipe costs only $18* more than rustable pipe.

Less than $75* extra to put Brass Pipe in this 7-room home. Waldron Faulkner, New York, architect.

About $100* extra to equip this $15,000 house with Brass Pipe. W. S. Matthews, New York, architect.

Roger H. Bullard, New York architect, designed this $50,000 home. Even with its 5 bathrooms, estimates show that Brass Pipe adds only $388* to the building cost.

"Amounts will vary slightly in different localities, but are usually ¼ of 1% of building cost.

CHASE Alpha BRASS PIPE

A PRODUCT OF THE CHASE BRASS & COPPER CO.—Incorporated—Waterbury, Conn

Makers of Chase Downspouts & Gutters, Screen Cloth, Plumbing Supplies, Copper and Brass in Sheets, Tubes and Rods for every industrial use.
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While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of an occasional change or omission in the preparation of this index.
In the Price Range of old-fashioned Radiators

CONCEALED HEAT for your HOME

It used to cost much more. And architects said, "It's worth the extra cost. In the new beauty and spaciousness it brings to every room, the freedom from bulky obstructions to perfect decoration, Trane Concealed Heat is worth every penny it costs."

But Trane engineers, the men who first developed concealed heat, for homes, were not satisfied. The price was too high. They went to work to make it possible for you to buy Concealed Heat in the same price range as old-fashioned radiators.

Today these engineers have good news for you. Concealed Heat is no longer a luxury that overloads your building budget. Now you can install these efficient, modern heaters in your home at a total cost in the price range of cast iron radiators.

Proved in the hardest tests of all—great commercial buildings, apartments, hotels, hospitals, all types of public buildings—thousands of Trane Concealed Heaters have demonstrated the working efficiency of their design.

They are easily and quickly cleaned.

They bring new spotlessness to every room. They produce no grime, no sooty streaks to mar the drapes, walls and ceilings.

They respond instantly to your need for more or less warmth. Heating starts or stops the instant you turn the heater on or off.

They provide healthful heat. Air stratification—heat stagnated at the ceiling, no air circulation, cold floors—is broken up by the constant, gentle flow of warmed air coming from the outlet grille and circulating throughout the room.

They save you 10 to 15 per cent on your fuel bill.

And Trane Concealed Heat, the source of all these new luxuries of living, is now installed at a total cost in the low price range of old-fashioned radiators.

For the complete story of this modern, low cost heating method, mail the coupon at once. Learn all the facts about Trane Concealed Heat and how it helps to make your home more beautiful and an even pleasanter place to live in.

TRANE CONCEALED HEAT
In Walls or in Cabinets
In Homes that the Younger members of the Family find Attractive

Sons and daughters enjoy the consideration shown in providing enough telephones to meet the requirements of their active lives.

This younger generation in today's homes is an unusually busy and interesting one. Its young men and women have their own varied interests, their own plans and pleasures and obligations. And fortunate is the family in which this individuality of its members is fully considered in the arrangements of the household.

Homes that sons and daughters find attractive are equipped with enough telephones. There is one in Tom's room, another in Peggy's, another in Janet's. There is one on the sun porch, where the young people and their friends gather. Calls from these telephones can be made without disturbing other members of the family. And the young people feel that the parts of the house in which they live and entertain their friends really belong to them. Just as they enjoy having the use of a car, they enjoy the convenience of their own telephones.

This added telephone convenience, which means so much to all the family, is very moderate in cost. Your local Bell Company will be glad to help you select appropriate locations for telephones in your home. Just call the Business Office.

Laughter... and the talk of youth... and the pleasant hours when the summer sun slants across the lawn. When the thought occurs to the young people to call their friends, or when their friends wish to get in touch with them, the telephone is right at hand. A modern note that suits the mood of youth... and plays its part in making the home more livable for every member of the family.

The final touch that makes a girl's room completely her own... a telephone on her bedside table... for ease in arranging her day's program.

A young man appreciates having a telephone in his own room... it's mighty handy for him—and for all the rest of the family.
The wide, wide world is the painter's studio—your home is his canvas. His work hangs not in the obscurity of the gallery to gratify a few. It stands upright in the light of day, performing the combined job of beautifying, of protecting, of prolonging the life of one of your cherished possessions—your home. And to Dutch Boy White Lead falls the honor of selection by 8 out of every 10 of such men... because Dutch Boy retains its beauty a long time, because it makes possible just the shades and tints you want—because it won't crack or scale and so demand burning and scraping when repaint time rolls 'round. And just one reason more... with Dutch Boy your painter mixes the paint to order to suit your particular job. Write for free booklet—"The House We Live In"—which gives suggestions on the decoration and protection of the home. Address the branch office nearest your home.

NATIONAL LEAD COMPANY

New York, 111 Broadway—Buffalo, 116 Oak Street—Chicago, 900 West 18th Street—Cincinnati, 659 Freeman Avenue—Cleveland, 620 West Superior Avenue—St. Louis, 722 Chestnut Street—San Francisco, 2240 24th Street—Boston, National-Boston Lead Co., 800 Albany Street—Pittsburgh, National Lead & Oil Co. of Pa., 316 Fourth Avenue—Philadelphia, John T. Lewis & Bros., Co., Widener Bldg.

AND NO ONE KNOWS PAINT LIKE A PAINTER
20,679* Physicians say "LUCKIES are less irritating"

"It's toasted"

Your Throat Protection against irritation against cough