Texaco helps mine
64% of the nation's copper

Of all the copper produced by the United States in a single year, two-thirds is provided by mines using Texaco Lubricants.

Mining companies choose Texaco for the same reason that it is preferred in every branch of industry, commerce and transportation. Today it would be difficult to point out a single lubrication problem that Texaco has not solved. Texaco Lubricants, exposed to the white heat of a steel ingot—or to pressures of tons per sq. in., are rendering effective lubrication. Even in acid mine-waters Texaco provides an effective lubricating barrier against corrosion.

In each of our 48 States, in every civilized nation—wherever wheels turn and pistons flash, Texaco has effected almost unbelievable economies in wear reduction. This has been made possible by the development of specialized products for specialized needs.

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Refiners of complete line of Texaco Petroleum Products, including Gasolines, Motor Oil, Industrial Lubricants, Redwood and Marine Lubricants, Farm Lubricants, Road Asphalts and Asphalt Roofing.

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HOUSE & GARDEN

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GEORGIAN MAHOGANY BEDROOM GROUP, by KENSINGTON

The Character and Scope of Kensington Bedroom Furniture

KENSINGTON bedroom furniture, while retaining the character and the charm of old work, is designed for the home of today. It is as convenient and adequate in service as it is decorative.

Whether the need is for a bedroom with the quiet elegance of a Georgian mansion, or the simple charm of an English cottage or Colonial farmhouse, a wide choice of distinctive and beautiful furniture is found in Kensington designs.

All Kensington Furniture is made and finished by hand throughout in the best possible manner, and is a permanent investment in beauty and utility.

Examples of all of our work may be seen at our Showrooms, arranged so as to give an accurate impression of how the furniture will look in the purchaser's home.

The purchase of Kensington Furniture may be arranged through your decorator or furniture dealer.

Write for Illustrated Booklet B and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR
ESSENCE RARE
HOUBIGANT
PARIS
THE MOST PRECIOUS OF PERFUMES
MONOGRAMMED STEMWARE

ALTMAN STEMWARE—FOURTH FLOOR
Summer Windows
Attain Fresh Charm Through
SHEER CELANESE

A new, decorative note for summer suggests two sheer fabrics—the over-draperies of Celanese Ninon, the glass curtains of Celanese Voile. Twin gossamer textures combine to achieve an effect of delightful airiness and cool charm... soft colors, subtly blended, pleasantly diffuse summer sunlight.

Draperies of Celanese are most practical, too... for they shed dust readily... they are not harmed by rain or dampness... they do not shrink or stretch... will not mold or mildew... they may be cleaned or washed with equal success and ease... and the lovely colors are unusually fast.

CELANESE Decorative Fabrics

Celanese yarns, fabrics and articles are made of synthetic products manufactured exclusively by the Celanese Corporation of America, 180 Madison Avenue, New York City
Transplanting Paris

At a famous numero of the rue de la Paix, appraising eyes review passing creations... Somewhere on the rue St. Honoré a man who has bought millions of gloves for us selects several of the better new styles... One shrewd young man knows where to go in Paris for marvelous costume jewelry; another for hosiery more sheer than shadows; another for tapestries that few may own but none fail to admire. These are some of Marshall Field and Company's large staff of resident representatives in Paris. In addition, scores of men and women from Field's in Chicago visit Paris periodically. Alert, fashion-wise, their purchases reflect an intimate knowledge of Continental correctness. You are cordially invited to come to Field's for almost anything you might like from Paris.

Marshall Field and Company
CLASSIC BEAUTY MADE LOVELIER
STILL BY ORINOKA DRAPERIES
......GUARANTEED COLORFAST

It still was "Little Old New York" when Duncan Phyfe set up his shop in Partition Street to make fine furniture for the local aristocracy. Today one of his chairs is a prize to be coveted by museums and collectors; and fortunate indeed are those who can number among their heirlooms a dining-table with the delicate pedestal and reversed curves for which this master craftsman was so famous.

In present-day rooms which would recapture the classic beauty of Duncan Phyfe's interiors, the choice of draperies is all-important. Only fabrics which are perfect in color, design and texture may be used in a decorative plan that makes so much of the flawless line and the perfect balance. Orinoka has created such materials for all rooms in this classic early-American style. Antique brocade, flowered with prim roses, makes the unusual draperies in a characteristic Phyfe interior. Alcona satin in a clear, soft color lines the brocade and falls in supple folds at one edge of the window. Rayham gauze, two-toned, filters the sunlight.

The colors of these lovely curtains are absolutely fadeless, for Orinoka guaranteed fabrics use only threads hand-dyed by a special process. The gorgeous tones are as integral a part of the material as the yarn itself. The designs are skilfully woven—never printed. Orinoka guaranteed draperies may be washed as often as you wish. They may be hung in the sunniest windows. Their colors are fast to both sun and water. Their rare designs bring distinction to any home. Insist on Orinoka—and insist on seeing the guarantee tag attached to every bolt. The Orinoka Mills, 183 Madison Ave., New York City.

ORINOKA COLORFAST DRAPERIES ARE
GUARANTEED SUN AND TUBFAST

BACK OF EVERY YARD of Orinoka Sunfast Fabrics you buy stand The Orinoka Mills with this assurance: "These goods are guaranteed absolutely fadeless. If the color changes from exposure to the sunlight or from washing, the merchant is hereby authorized to replace with new goods or refund the purchase price." Look for the guarantee tag on every bolt.

An early-American dining-room, decorated in the style of Duncan Phyfe; from the 1930 Orinoka booklet.
In the Manner of Old England’s Craftsmen

DIGNIFIED formality with intimate charm is realized in this stately dining group by Kittinger . . . reminiscent of Old England during the reign of “Good Queen Bess.” Developed throughout in solid American Walnut or Renaissance Oak, with that skill which has enabled Kittinger to preserve the full appeal of Period craftsmanship . . . and yet built with modern methods that assure enduring quality at a cost far lower than most people imagine.

To fully appreciate the beauty of this “Haddon” dining group, see it at one of our main showrooms conveniently located throughout the country. Or, we will be glad to send you names of representative Kittinger dealers in your vicinity, together with educational literature on Period Reproductions for home, office, club or hotel. Address Kittinger Company, Dept. 103, North Elmwood Ave., Buffalo, N. Y.

SHOWROOMS

Buffalo New York Chicago Los Angeles
At Factory, N. Elmwood Ave. 635 East 44th St. 433 East Erie St. At Factory, 1500 S. Goodrich Blvd.

KITTINGER
Distinctive Furniture
Charak Cape Cod Wing Chair, with down cushion. This unusual piece is available in either maple or mahogany.

Charak Three-legged Table reproduced from a table exhibited at the Metropolitan Museum, New York. When the top is turned the corners of the frame support the drop leaves. May be had in pine or mahogany.

Charak Bombé, or Kettledrum Mahogany Desk—an exact reproduction from an original. A beautiful example of the highest type of workmanship.

Charak Furniture is authentic in design, and unsurpassed in quality of workmanship and materials—yet it is moderately priced. Whether you desire an occasional piece or furniture en suite, you will find an inspiring range of choice in the Charak reproductions.

If your dealer or decorator cannot show you Charak Furniture, we suggest a visit to any of our open showrooms as listed. If this is not convenient, we shall be glad to forward you our new booklet, “The Charak Primer”.

CHARAK FURNITURE COMPANY, INC.
Faithful Reproductions of Early American Furniture in Mahogany and Maple
FACTORY AT BOSTON, MASSACHUSETTS
May, 1930

Janet Gray

tells you about

things you can buy by mail

from Lewis & Conger

Bean Cutter, $2.50
It slices string beans for me—diagonally. I slide the beans through two holes, and turn the handle. Takes only eight minutes to slice a whole quart.

Tomato Slicer, $7.50
Slices a whole tomato in one fell swoop. Nice, tidy slices, too. Bring the cutter down just once—and there lies your tomato ready for salad. Heavily nickel plated.

Shoe Racks, $2.00 pr.
I put Shoe Racks on every bedroom closet door in the house. And now the family’s shoes look so orderly I can hardly believe my eyes. The Racks are bronze finished, 20” or 24” long. No-Space Hat Holders, $2.00 for set of six
They hold hats out from the wall—the brims don’t get curled up. Also there’s no danger of a hat being knocked to the floor. Below each ring is a hook for a hanger.

Ping Pong Table, $42.00
For our round folks the Big Chief I found up the cellar—and put a Ping Pong Table down there. Now the young people of the neighborhood congregate there and many is the jolly time they have. The Table has folding legs and a hinged top, so it folds up when not needed. Painted green, with the courts outlined in white. 5 ft. x 9 ft. Ping Pong Set, $3.75. Smaller table, 4 ft. x 8 ft., $35.00.

Guest Rack, $15.00
I’ve bought several of these with an eye to the week-end guests the youngsters so cheerfully bring home. The Guest Rack prevents crowding of the clothes closet. It has a hanger, a skirt or treater hanger, shoe trees and pegs for clothes. Mine are nicely finished in mahogany. But you can also get them in walnut or ivory.

No-Battery Flashlight, $10.00
Well, at last I’ve found a flashlight that never fails at crucial moments. The No-Battery Flashlight always works. Has no battery to get out of order—that’s why. Generates its own electricity in fact. All I do is give the handle a twist or two—and there’s light. Mine is finished in coral color. I’ve also seen them in green or khaki color.

Luggage Stand, $9.75
Worth its weight in gold in any family—and especially in mine because we have so many guests. With the stand in full view, everyone can easily plump their bags down on the bedspreads or on the chairs. The Stand holds luggage at a comfortable height for packing. When not needed it folds up. Mine is of solid mahogany. Good-looking ones come in solid walnut and solid maple, too.

No-Space Hat Holders, $2.00

Stool. But when the lid is turned back it reveals a chromium-plated foot rest with loads of space beneath for brushes, polishes and clothes. In maple or mahogany finish.

Duette, $9.85
It’s really surprising how much I’m saving on dry cleaning since I bought the Duette. If dry cleaning is a pain, quickly, just put in frocks, gloves, etc., pour on the non-explosive Duette fluid, turn the handle a minute or two—and out come my things beautifully clean. The Duette can also be used as a washing machine. I use it in that way for the baby’s things. Duette fluid, gal., $1.75; 3/4 gal., $1.50.

Scottie, $2.25
He’s a Bottle Opener. His jaws clamp firmly over a cap and promptly remove it. 3 1/2” high, in silver finish.

Zig Zag Corkscrew, $2.00
Pulls corks with no effort at all. All you do is screw it in, extend the jointed handle full length and out pops the cork without argument. Both Zig Zag and Scottie make him as bridge prizes, I’ve found.

Garment Bag, $5.75
So often dust sifts through unlined bags. But it won’t with this new Garment Bag. It is of sturdy cretonne, lined with a pro- cessed rubber. It’s absolutely damp-proof—not to mention damp-proof and moth-proof. I’m getting several for my summer things. A Talon Fastener zips the bag open and closed. Room for seven hangers.

Zig Zag Corkscrew, $2.00
Forks and Trowel, $1.50 pr.
Handles of seasoned ash, blades of English steel.

This is your Order Blank

LEWIS & CONGER, 45th St. & Sixth Ave., New York City

Send me the following articles. (Please mention colors and sizes where necessary.)

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Free delivery within 100 miles of New York. Beyond that, express collect.

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MELLOW STURDY OAK
in the
ELIZABETHAN MANNER

All the staunch warm beauty of the times of Queen Bess is echoed in this Elizabethan suite of Oak. The buffet china cabinet and server with combination drawer, cupboard and shelf space . . . the practical refectory table . . . the unusually comfortable chairs—all make this suite as livable as it is authentic. : : : This is but one of many suites that we have created true in design, and perfect in construction, finish and workmanship. We make a specialty of fine furniture which will conform to the size and architectural lines of your home—whether it be period or modern in type. : : : This suite may now be seen in the fine stores throughout the country.

JOHNSON FURNITURE COMPANY
JOHNSON-HANDLEY-JOHNSON CO. • GRAND RAPIDS, MICH.
Creators of fine period and modern furniture
IT DOESN'T MATTER where you're going . . . a week or two at a pine resort . . . Britain . . . a ranch in the heart of the Rockies. But it is important that you travel unencumbered. You want to take those things essential to your journey . . . and nothing more. • For that very reason, no man should be without a toilet case when traveling. In felicitous arrangement, it encloses every article he needs. Mirror, razor and brushes are always where they should be . . . he knows exactly where to find each object, every time. • To men of informed taste, the selection of a toilet case is a simple matter. They govern their purchase, as they choose other pieces of fine leather, by the presence of a tiny golden keystone R. That imprint is to be found upon every article manufactured by C. F. Rumpp & Sons, Inc. It is an infallible assurance of quality . . . the record of pre-eminence attained, as pre-eminence will always be attained, by the application of fair and worthy business principles. • C. F. Rumpp & Sons, Inc., manufacture fine leather articles of every description, excepting luggage. At the better leather goods stores, department stores, jewelers, and stationers.

C. F. RUMPP & SONS, INC. PHILADELPHIA AND NEW YORK ESTABLISHED 1850
ALWAYS you have wanted the best that money can buy. That is a natural and laudable desire whether applied to an automobile or some other product of man's creative enterprise.

For the ambition to own and enjoy the finest things in life is the very motive and mainspring of human progress.

In the world of motor cars money can buy nothing finer than Nash design, Nash engineering or the materials that go into Nash cars.

The eminent professional ability of the great Nash engineering organization is recognized throughout the industry.

And Nash skilled craftsmen are inspired and encouraged to their best effort by the knowledge that Nash standards countenance only the highest quality workmanship.

The expert coordination of all these elements produces for Nash today the finest in motor cars—with engineering features which assure you of greater riding comfort, of finer performance, and, above all, a car of long life and dependability.

TWIN-IGNITION EIGHT
TWIN-IGNITION SIX  SINGLE SIX

NASH "400"
Fantom—the modern Recessed Radiator conserves health and saves space

The New American Fantom Radiator achieves two things... it safeguards the family from getting "under the weather," and it saves space by being recessed under the window. With its flat surface, flush with the wall, it becomes an integral part of the architectural arrangement. And it may be painted to match anything from a drape to a divan.

From the flat surface of the Fantom radiates clean, radiant heat, like the radiant heat from the sun—fresh, pure and healthful; while from the grille work at the top a steady flow of genial warmth brings comfort to every corner of the room. This is the most modern type of radiator, meeting all heating requirements without sacrificing space requirements, and suited precisely to your architectural requirements.

It has won immediate preference by architects, engineers and owners, and is installed in leading hotels and office buildings throughout the country.

With "American" Fantom Radiators upstairs and an "Ideal" Boiler downstairs, your home or other building is equipped with the best that can be made today, and is assured of healthful warmth and comfort for a lifetime with minimum cost and care.

Write us for descriptive literature, and call in a reliable heating dealer for detailed cost. No obligation whatever.

AMERICAN RADIATOR COMPANY
40 West 40th Street, New York

DIVISION OF
AMERICAN RADIATOR & STANDARD SANITARY CORPORATION

About Your HOT WATER SUPPLY
The Hotcoil Heater gives constant hot water and operates with the utmost economy. Write for details.
For a modern and correct color scheme in your bathroom, choose a Church Toilet Seat.

Available in many different shades.

In no room of the house is it so easy to add a note of modern color, quickly and inexpensively, as in the bathroom. Here a Church Colored Toilet Seat, with Bathroom Stools and Chairs to match, can be made the central theme. These beautiful pieces of bathroom furniture will add life and warmth to your bathroom. Complemented by such furnishings as colored bath mats, towels, window and shower curtains, Church Colored Toilet Seats and Bathroom Furniture make it easy to create the latest color effect. A complete range of beautiful pastel shades and lustrous sea-pearl tints give you an opportunity to create the very color scheme you have so long desired. . . . And Church Toilet Seats, Bathroom Stools and Chairs are so durable! They really become a lasting improvement. They will always retain their original color and bright, beautiful luster. They have been sold by good plumbing stores for more than a generation. Send for our color folio, full of suggestions on beautifying the bathroom in the Church way. C. F. Church Manufacturing Company, Dept. H-5, Holyoke, Massachusetts.
May, 1930

The ALHAMBRA
The delicate tracery of this creation reflects the Moorish influence of ancient Granada.

Modern hardware that inherited all the beauty of its honored ancestors

In creating McKinney Forged Iron Hardware no attempt was made to "modernize" the designs which had stood the test of generations during the age when artistry in metal was at its height. Instead McKinney used today's knowledge of the arts to retain every line and curve and hammer-blow. Each piece of this famous hardware is accurate for application, thoroughly rust-proofed and priced so that modest-sized homes may enjoy its enduring beauty.

McKinney Forged Iron Hardware is furnished in six original designs. Those illustrated are: the Warwick, which bespeaks the spirit of old England; and the Alhambra, which reflects the Moorish influence of ancient Granada.

Three others — Heart, Tulip and Curly Lock—are essentially Colonial in character; while the sixth — Etruscan — is of Southern European extraction.

Everything needed in hardware for any home is available in every design. Entrance door sets such as handles, drop rings or levers operating cylinder locks; hinge straps and strap hinges; interior latch sets; hammered old brass and iron knobs or lever handles; garage hardware, and door studs. Each design is furnished in three rust-proof finishes — Dead Black Iron, Relieved Iron and Rusty Iron. The Relieved Iron often is designated as Flemish or Swedish Iron.

That you may study the various Forged Iron designs and make the selection which fits the personality of your home McKinney offers a beautiful Brochure. Between its covers you will find illustrations of interesting doorways, trimmed with the proper hardware. Other illustrations show shutter designs and attractive kitchen arrangements.

To receive a copy of this Brochure just fill in the coupon and mail it to Forge Division, McKinney Manufacturing Company, Pittsburgh, Pa. There is no charge.

McKINNEY HARDWARE
"The Jewelry of the Home"
"My lovely things were laid away tenderly in the chest upstairs. The other day, I went to get an extra blanket. At first I couldn't believe what I saw... then, I had to. All my efforts to protect delicate silks and woolens had been in vain... my most precious things were riddled with moth holes!"

In exactly this way millions of dollars worth of clothing and household effects are needlessly destroyed each year by moths. The odors of cedar, moth balls, camphor and the other "repellents" are now found by the United States Government* to be almost worthless when used under ordinary conditions. For example moth proofing solutions are not mentioned in Government Bulletin No. 1353 which fully describes approved methods of preventing moth damage.

It is no longer necessary to entrust valuable clothing, blankets, etc., to the inefficient and futile methods of the so-called moth-proofing solutions and moth preventatives. The Plymetl Vault offers complete protection by a Government approved process. It employs a truly effective method of destroying all moth life... a method completely dependable and yet extremely simple. Because of this fact, the Plymetl Vault is far superior to cold storage. Refrigeration merely stupifies the moths; a few hours in a warm closet renders them just as destructive as ever... the Plymetl Vault kills all moth life without the slightest injury to the most delicate fabrics.

*For many years these materials have been called moth repellents and it was believed that odors would keep moths from entering a closet or drive them out if they were already there but we now know that such is not the case," says Mr. Abbott, Government Expert.

In addition to being an absolute safeguard against moths, the Plymetl Vault keeps dirt and dust from your clothing—cleaning bills are reduced to a minimum. It is also practically burglar-proof—its steel walls and multiple tumbler lock are beyond the skill of the household thief.

Because of its fireproof construction the Vault is frequently built in as a permanent and distinctive feature of modern apartments and homes. A floor space only two feet square allotted to the Vault provides a convenience of recognized worth.

A Plymetl Vault is an excellent investment in clothing protection—the money you will save by fully safeguarding your clothes will buy you the permanent protection of this personal clothes vault.

Let us send you further particulars—fill out the coupon for complete descriptive literature and prices.

Progressive distributors and dealers are invited to send for particulars of our interesting sales plan.

Haskelite Manufacturing Corporation, 120 S. La Salle St., Chicago, Ill.

I am interested in learning more about Plymetl Clothes Vaults. Please send complete information.

Name
Street
City
State

I will not be obligated and I understand representative will not call unless requested.
Shimmering beauty for your walls lies in this fabric whose luster never fades

Whether your home is mellowed
by the calm dignity of fine old furniture,
or sings with the brightness of the newer mode,
Permatex makes every wall a background of harmonious beauty.

To the eye, this new fabric gleams with the luster of satin.
Beneath your fingers its suave sleekness
slides with the richness of old silk. Its glowing luster will never dim—
its lovely colors resist the sun.

And, with all that, Permatex is waterproof, cleanable—
at the whisk of a damp cloth
it is freshly new, radiant as ever.

Permatex is presented in such a range of colors
that every decorative scheme can be provided, every desire met.
Your decorator will be glad to show you samples.

Permatex wall covering is a further development of its
wide-spread acceptance for drapes, curtains, upholstery and slip covers,
displayed by H. B. Lehman-Connor Co., Inc.,
58 W. 40th Street, New York, or any of their branches.
Environment that adds much to living

Because its pure beauty of design and sincere quality are conducive to higher ideals of home environment, Valentine-Seaver living room furniture becomes much more than a mere vehicle of physical comfort or decorative expression. It raises home life to a higher plane. The Valentine-Seaver sofa and chair illustrated are very typical. The sofa is an 18th Century French adaptation with graceful back and arms and serpentine front. It is Valuxsea down-cushioned and covered in rich antique velvet. The George Washington chair, a replica of the Master's Chair in the Masonic Lodge at Alexandria, Va., is covered in Jaspe Epingle, a very smart style of frieze, and Valuxsea down-cushioned. Valentine-Seaver living room furniture has long enjoyed preference among people of wealth. Yet it is easily available to those of moderate means. Should you not recall the name of a Valentine-Seaver dealer in your locality, please write us. We shall be happy to tell you his name and send a copy of our book—"Modern Furniture for the Living Room."
A RHYTHM OF COLOR FOR THE TABLE BEAUTIFUL!

THIS exquisite Gobelin Pattern rendered in Spode's Bone Porcelain is an adaptation of a Tapestry design from the great Period of Louis XIV. The deeper shades of rose, blue, and green have been wrought with an emotional verity that reaps warmest approval. Discerning hostesses at once envision the fascinating possibilities in table decoration when combining this Gobelin Pattern with colorful glass, sparkling silver, and fine linen. It is as expressive of individuality as it is of that most charming and cultured Period in French history. You will love it for the added pleasure it will bring to yourself and your guests. Not every store is privileged to show you this beautiful pattern. Write for name of the Spode dealer nearest you.

Copeland & Thompson, Inc, 206 Fifth Avenue, New York City.
The new Colorcovers are the perfect blankets for your summer home.

Colorcovers are styled and colored in the spirit of the day, with an artistic distinction hitherto unpossessed by blankets. The ultra smart patterns and harmonizing color combinations offer you a new and charming decorative medium.

You can use them on every bed, change them as often as you change your decorative scheme, without extravagance.

At your favorite shop, ask to see the new Colorcovers.

W. S. LIBBEY COMPANY, Inc.
44 WORTH STREET, NEW YORK CITY
202 WEST ADAMS STREET, CHICAGO, ILL.

W. S. LIBBEY COMPANY, INC., 44 Worth Street, New York
Dear Sirs: Please send me your booklet "A Message from Virginia Hamill," containing hints on bedroom decoration and color ensemble by this famous authority, and showing complete range of COLORCOVERS.
The portrait of Josiah Wedgwood by Sir Joshua Reynolds has been reproduced on a Queensware plate as an anniversary souvenir.

The Two Hundredth Anniversary of the birth of Josiah Wedgwood is being celebrated this year at Stoke-on-Trent, and a program of unusual interest has been planned for the week of May 18th to 24th. This program includes a loan exhibit of Eighteenth Century Pottery, an important exhibit of Modern Pottery, an historical and industrial pageant to take place daily, a Military Tattoo, and other features. Voyagers to England are cordially invited to attend this celebration, and to visit Etruria, where they will be afforded every facility to inspect the Potteries and the interesting collection in the Wedgwood Museum.

We shall be pleased to send you, upon request, a copy of our illustrated booklet.

Josiah Wedgwood & Sons, Inc.
OF AMERICA

Mark on China

160 FIFTH AVENUE - NEW YORK
Northwest corner of 21st Street
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England
MODERN Modine Concealed Radiation—built of copper, and hidden away in the wall, out of sight — lends the touch of complete harmony to room settings of any period.

Unobtrusively, it floods the room with a congenial warmth and permits of easy control that assures an even comfort in all weather. A Modine equipped home is a distinctive home because its heating is the heating of tomorrow.

Your architect or heating contractor will be glad to tell you about Modern Modine Concealed Radiation. Or a query addressed to us will bring complete information about this better method of room heating with steam, vapor, vacuum or hot water heating systems.
Pride of Craftsmanship
Builds America’s Finest Motor Car

Less than two years ago, a group of earnest men took over the management of Pierce-Arrow. The task was approached with the confidence of long experience—but also with a great reverence for a fine name, a distinguished achievement.

What makes Pierce-Arrow fine is something more than engineering genius, more than excellent materials, more even than its own high ideals. It is the effort of men whose pride is in the work of their hands.

Today, in the great Pierce-Arrow plant, are builders of automobiles who work to standards that their fathers followed—standards of fineness and precision that are regrettably rare in this machine age.

And if that sounds like foolish idealism, Pierce-Arrow is proud of the distinction—and of the approval of men who work to a tradition that forever bars the unworthy.

It isn’t a problem in such circumstances to build America’s finest motor car. It would be difficult to do otherwise—and, in the presence of its builders, to call it Pierce-Arrow.

THREE NEW GROUPS
132 to 144-inch Wheelbases
$2095 to $6250 at Buffalo
(Custom-built Models up to $17,000)
EAUTIFY YOUR HOME
MULTIPLY YOUR COMFORT
WITH ASSOCIATION AWNINGS

Your home may be stately and impressive . . . small and cozy, or halfway between the two. But any home is more attractive . . . cooler and more comfortable with ample awnings. The new awnings set the pace in this color age . . . vibrant, scintillating . . . brilliant for architectural contrast . . . subdued for subtle harmony. Select your awnings with care . . . better yet, select your awning maker. Membership in the National Tent and Awning Manufacturers' Association is your best guide. It implies skill, stability, integrity . . . best guarantees of your lasting satisfaction. Send for the Style Book of Awnings and the name of the Association member in your vicinity.

THE NATIONAL TENT & AWNING MANUFACTURERS ASSOCIATION INCORPORATED
417 S. Dearborn Street  Chicago, Illinois

There are members of the Association almost everywhere in North America.
The BEAUTY That Lies So Near!

A MID the crude comforts of the first Pilgrim huts—Windsor Chairs flowered in gracious lines and gentle curves that for true beauty have never been surpassed.

And to-day, three centuries later—thanks to Nichols & Stone’s three generations of craftsmanship—to the splendid facilities of the world’s greatest Windsor plant—genuine Nichols & Stone Windsors, carrying out the traditional beauty of priceless Colonial originals, are available at prices that make them first choice for “any room in any home.” The Nichols & Stone shop mark underneath each seat, and the gold and brown shield-shaped tag identify genuine Nichols & Stone Windsor Chairs.

“The Charm of Wayside Inn” fittingly illustrates the inherent harmony of Windsor Chairs. Write for free copy to

Dept. C-30

NICHOLS & STONE CO.

NICHOLS & STONE CO., Department C-30, Gardner, Mass.
Send free copy of Wayside Inn Booklet and nearest dealer’s name to
Name
Street & No.
City & State
There is a word in aviation that aptly describes the advantages of having a car pulled instead of pushed. It is, maneuverability.

Applied to the Cord, it means the ease, quickness and certainty with which it can be driven. The result is not only greater safety under all driving conditions, not only less fatigue and increased comfort, but also a new zest to motoring—E. L. CORD

CORD FRONT DRIVE

SEDAN $3095 . . BROUGHAM $3095 . . CABRIOLET $3295 . . PHAETON $3295

Prices F. O. B. Auburn, Indiana. Equipment other than standard, extra
DINNER SERVICES
FROM CENTURY OLD FIRES
OF ITALY'S ART

Many of the master craftsmen who supplied the tables of ducal families with their glass and pottery four hundred years ago organized many "bottege" (or studio workshops) that are active today. The examples of plates and Venetian glassware shown here will bring service, color, and romance to your table. Course dishes that may be added to from time to time are selected by the friends of today's bride - - a pleasant custom in the eyes of those who recognize beautiful table accessories.

MENTION OF THE DEALER’S NAME WHERE YOU BUY TABLEWARES WILL BRING OUR BOOKLET ON ITALIAN MAIOLICA AND GLASS FOR THE TABLE.
"Poems in Stone," Love Seats, Sun Dials, Bird Baths, interesting old Columns, Well-Heads. . . . Surely, in our Collection, you will find some choice piece that will make your garden even more beautiful by adding to Nature's handiwork a touch of the hand of man! Many of these lovely garden pieces have enhanced the loveliness of Italian villas. All are of faultless design.

If you cannot come, write to us about your garden, so that we may offer suggestions and send you photographs of available pieces. Address us at New York, Department HG.

"And the Springtime arose
in the Garden fair,
Like the Spirit of Love felt everywhere,
And each flower and herb
on Earth's dark breast
Rose from the dreams of its wintry rest!"
ONCE AGAIN, the urge of Springtime takes root in the heart of man! Once again, Nature invites him to make the most of her bounty—to try and fuse her generous gifts with his own knowledge of things beautiful, into a haven of peace and joy.

For more than a hundred years, we have been importing garden furniture from exclusive sources abroad, particularly from Italy, where for centuries nature-loving men and women have contrived to make their gardens a place in which to live, to love and to be happy.

We invite you to come and avail yourself of our many years’ experience in helping others to achieve those ingenious pleasures in garden design that hold so much of interest and diversion for those to whom in these hurried, harried times “The Garden’s flowery food is sweet forgetfulness.”

America now accepts the principle of formality for little nooks, as well as for larger estates. Indeed, the more one lacks in space, the more apt one must be in those happy little touches that cause one to overlook the garden’s limitations. A single bench sometimes will make charming the corner that would otherwise seem crude and unfinished.

A visit to our shop would be an interesting one for you. Our welcome will be just as sincere if you only come to study these beautiful objects.
Zenitherm, a fabricated material for walls and floors, "looks like marble but is sawed, nailed, and worked like wood." It is fire resistant, weather-proof, highly resilient. Your architect has complete details in Sweet's Architectural Catalogue.

Zenitherm, General Offices: KEARNY, N. J.

PHILADELPHIA - CHICAGO - BOSTON
THINK of it! An outdoor floor of Zenitherm that "looks like marble, wears like marble, but can be 'worked' like wood!" Aside from Zenitherm's contribution to outdoor dancing comfort, what splendid emphasis it brings to Zenitherm's all 'round practical beauty, for floors and walls whether exterior or interior! Zenitherm's twenty-one color tones permit a blending of full and subdued effects that harmonize or contrast perfectly with any decorative scheme. Your architect or decorator can tell you all about Zenitherm. Or write us direct.

PRESIDENT

C O M P A N Y, Inc.
110 East 42nd Street, New York, N.Y.

SAN FRANCISCO • DETROIT
Where windows need metal that cannot rust . . . and why

Don't take the windows for granted. They are far more than openings to admit light. They are important to the comfort and livability of your home. They should be weather-tight to keep rain and cold out and heat in . . . guard against insects that menace health and peace of mind. And they should be easy to operate at all times.

In addition to the uses of copper, brass and bronze illustrated at the right, window frames may be obtained in solid bronze and nickel silver. Screen frames of these enduring metals are also available.

The first cost of copper, brass and bronze is somewhat higher than that of rustable metals but the trouble and expense they eliminate make them cost less in the end.

Anaconda Copper, Brass and Bronze are used by leading fabricators of finished products. The quality of Anaconda metals is safeguarded by a single organization of more than a century's experience, responsible for every operation in their production.

Send for the booklet, "Rust-Proofed". It contains valuable information for home-buyers and builders on the advantages of permanent metals. It will be sent free. The American Brass Co., General Offices, Waterbury, Conn.

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Brass
Bronze
Can't rust . . . . . . Save money

Copper Flashings prevent those elusive leaks around window frames that damage walls, floors and ceilings.

Window Hardware of Solid Brass or Bronze will not rust and stick. Its beauty is as lasting as its efficiency.

Copper Roofs for Bay Windows prevent leaks, add a note of distinction and their beauty increases with the years.

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Bronze Weatherstrips give permanent protection against the cold winds, rain and snow of winter and save fuel.

Bronze Screen Cloth is rust-proof and remarkably strong. Its service life is limited only by accidental breakage.
In the delightful window above, rose and gold shot-taffeta was used in combination with a single flat lace, and was suspended from the hand-wrought Judd Buckingham Hi-lite Fixture, which comes complete with ornamental ends and center, rings and brackets. The Judd Holdback No. 5706 was also used.

For a draping of the more formal type, old gold brocade and green china silk with handsome silk-net glass curtains is delightful with the Judd San Sebastian Fixture of Decorated Metal, which comes complete with decorative ends and center ornaments, brackets, rings and tube. Judd Holdback No. 531 is shown in the illustration.

Both of these lovely windows were planned by the decorator with the single idea of creating beauty in the home—both designs begin with the smart Judd fixtures and the results prove how successful this method is. Choose for your rooms the Judd Curtain Fixtures; then harmonize the curtains and the hangings.

Whatever type your rooms may be, you will find a suitable Judd Fixture. There are simple ones for cottages, sumptuous models for the stately residence; there are designs for living-rooms or libraries, and others for bedrooms or children's rooms. The Judd variety is complete at prices that range upward from $1.50 per set. If your dealer does not have the type you need, write us and we will see that you are promptly served. H. L. Judd Co., Inc., 24 W. 40th St., New York.

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Our new and fully illustrated booklet, "Suggestions for Beautiful Window Draping," will be sent you free if you will write for it. It is filled from cover to cover with charming and practical window draping designs showing the use of Decorated Extending Rods, Wood Poles, Decorated Iron Fixtures, Canes, Traverse Tracks and Hi-lite Fixtures.
"Welcome!" said the front porch mat in those days. A gracious show of hospitality. A pretty custom. Why has it passed? Why does that friendly word no longer greet us?

Why? Simply because there's no need of it now. Today the entire home says "welcome." Warm colors cheer us. Lovely, comfortable furnishings invite us. Cozy interiors create a glad-to-see-you impression.

The rug's part is important. And its part will be well played...if it is a Bigelow-Sanford creation. Authentic style, rich colorings, captivating designs...for the modest little two-room apartment or for the sumptuous mansion where luxury is the keynote.

There is a dealer near you with many lovely rugs and carpets by Bigelow-Sanford...weavers for more than a century. See them...and choose from an unequalled variety.

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☐ Please send free folders and name of nearest dealer.

☐ In addition, please send Decorating Your Home...an interesting, comprehensive guide with 25 full-color interiors and nearly a hundred helpful sketches...for which I enclose 50c.

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STREET

CITY and STATE
America is still too young to know how long cypress can endure

Built before the United States was born, hundreds of buildings are still in sound condition—thanks to the durability of Tidewater Red Cypress (Coast Type).

Today, this durable lumber is favored more than ever before by architects and builders. They know its ability to fight time and rain and moisture.

And today, in spite of its rugged durability, its beauty of grain, its tight coherence with paint, and its easy workability, Tidewater Red Cypress costs little more than lumber which resists rot for only a few short years.

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Why not follow the sound advice and wisdom of architects, and use this Wood Eternal when you build or alter?

Spare yourself worry about repairs. Save yourself repair bills. Be sure always to specify "heart grade Tidewater Red Cypress"—the most durable for exterior use.

No charge for this book of photographs

If you would like to save repair bills—and if you would like to see photographs of beautiful homes—and pictures of century-old buildings—and would like to know reasons why only Tidewater Red Cypress can afford such durability and beauty, write today for a booklet called "Money Saved for Builders." It's free.

Tidewater Red Cypress was used throughout the Gibbs House in Charleston, S. C. . . . Built before 1800, it is sound as a dollar today.

The architect, Arthur T. Remick, New York, employed the same rugged lumber in the beautiful new home of Arthur W. Wood, Westchester, N. Y.

TIDEWATER RED CYPRESS (COAST TYPE) THE WOOD ETERNAL

This advertisement was paid for by the following members of the Southern Cypress Manufacturers' Association


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I'd like to save money on repair bills. Your book sounds interesting. Please send a copy.

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If interested in industrial uses, mark here □.
THAT floor coverings as we know them were not evolved overnight becomes apparent when one views an exhibition of such scope and magnitude as was recently shown at the Newark Museum. A clear and comprehensive story of the origin and the making of carpets and other floor coverings from thousands of years B.C. to date, classified according to countries, proved fascinating as well as educational. Exhibits from many lands illustrated the various stages in historical succession from primitive mats to the ultra modern designs of contemporary artists. Among the present day floor coverings featured were wool, grass, fibre and linen rugs, rubber tile, linoleum, cork, ceramic, slate and a composition that looks like stone and is used like wood. Many interesting facts about carpets and rugs not generally known accompanied the exhibits in the form of clear notes, as, for instance, that the Persians first spread the art of rug weaving; that rugs were not in common use on floors anywhere in England until Queen Elizabeth's day, the first carpet ever
used on a floor being spread in her presence chamber; that Chinese rugs were practically unknown to the Occident until the Boxer rebellion (1900) opened the ports of China to the world; that Early Colonial homes had sanded floors until the 19th Century; that the Savonnerie rug got its name because the first rugs of this type were woven in an old soap factory. (This was during the reign of Louis 13.)

SUMMER floor coverings not only provide a change from the heavier rugs of the winter season, but do much to lighten the appearance of a room as well as cool the atmosphere when warm weather arrives. Whether the rug shall be of grass, rush, fibre, wool, or a mixture of wool and fibre depends upon one's personal taste and the type of room in which it is to be used—living room, dining room, nursery, hallway or porch. Practically all the types mentioned above are available in cheerful, fresh colors and interesting designs,—conventional as well as of the contemporary school.

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Glorious Color
and slender beauty vie in the AVIGNON CHINTZ by Paul Dumas, Paris. One feels that the tall English pinks and full blown peonies exude a spicy fragrance so real are they. White birds and classic colonnades are deft touches, on backgrounds of bisque, Du Barry, lapis, tête-de-nègre, and seafoam. Price $1.65 a yard.

Quaint Simplicity
representative of early rural England, is expressed in THE KENT, a copy of a very old mahogany hanging shelf. With delicately fluted molding, the sides taper gracefully to a rounded top and each narrow shelf provides rendezvous for beloved curios. Price $50.

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THE NEW SUN-ROOM has constantly increased in popularity and is now considered to be one of the most important rooms in the home.

We studied the requirements of this room in detail to determine the most appropriate furniture for all year round enjoyment. We are the first to design a complete sun-room suite. In early and figured maple with the same smart atmosphere found in distinguished interiors. One that offers charm, comfort, durability and cleanliness.

The group includes three luxuriously upholstered pieces, each fitted with heavy cushion seats. Built to order by master craftsmen at very moderate prices.

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Candlesheik No. 21178 (chromium plated) 1/2 inch high $1.00
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AT R. H. Macy & Company may be seen a large and assorted collection of summer rugs. A fine quality fibre rug available in both standard and special sizes has a modern flower pattern stenciled on the two ends of the rug, leaving the center plain. Tan and brown, green and purple, orange and black and green and black flowers on a natural ground are the four combinations presented in this design. In the grass and fibre weight an unusual and usable pattern is a contemporary version of the diamond motif which forms an interesting all-over design. Here the shaded green and blue tones are particularly pleasing combined with the natural color. The Belgian cocoa fibre rugs come in effective color combinations, ombré green predominating. German hand woven washable rag rugs are excellent for country house use. These are modern in design and may be had in a wide range of color and combinations—chartreuse, yellow, coral, peach, gray, green, brown, blue, orange. A youthful drummer decorates a fibre rug featured for the nursery.

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A LARGE supply of cool looking rugs may be seen at Gimbel's, among them the wool and fibre, Belgian cocoa fibre, domestic fibre, grass and the India drugget rugs previously mentioned. One India drug- (Continued on page 59)

A study in repletion with beautiful Handpainted Leather Screens. The Screen illustrated is definitely replete in the ornamental manner of the eighteenth century. Catalogue "H" on request when decorator's name is requested.

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Authentic reproductions of interesting old originals

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This charming little creature makes himself at home on any garden faucet—he has an irresistible appeal—and is delightful as a gift.

Green bronze or Bright gold bronze ............ sixteen dollars
Seven inches high ................ six inches wide

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Black Hand Wrought Iron Flower Stand ... 25" over-all ... 12" high

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We are constantly furnishing prominent homes, hotels, clubs, and yachts with distinctive Reed furniture, and decorative fabrics.

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ALL unfinished, or can be finished by our own finishers at this address.

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Next winter's comfort will be planned this May

“When it rains I can't fix it; when it don't I don't need to.”

This is an old, old Arkansas Traveler's joke of the man who never modernized his roof. Now, when the earth shakes off winter's spell and nature makes all things new, is the time to check the things in your home that need renewing.

If your heating plant has left fresh in your memory discomfort and extra labor and over-large fuel bills endured all winter through, now is the time to plan so that next winter won't be another like the last.

Now, in short, is the time to have your heating contractor install a new Capitol boiler to serve Capitol radiators. The Red Cap, the Red Top, the Red Head... whichever you choose, heating quality in every detail will increase the value of a new home or an old one. They burn coal, coke, oil, or gas.

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For the Architect's convenience RUSSWIN Hardware is illustrated and described in Swett's catalogue, pages C-3137 - C-3216.

At left an exclusive RUSSWIN creation.
No one knows paint like a painter

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WALL PAPER as lovely as a May morning can be severely practical too. These "Designs of Today," by Thibaut, are colorful in the newest meaning of the word... but they are so skilfully printed they cannot, will not fade. They are modern in design... yet so sound artistically they form a perfect background for furnishings old or new. And so moderately priced they are well within the most modest decorating budget. Redecorating with Thibaut's "Designs of Today" is the simplest yet smartest way of conforming with the new decorative trend. No doubt your decorator can show you "Designs of Today." But if you find it difficult to procure these new papers in your city, we will gladly send you specimen cuttings, free of charge, as well as a helpful booklet, "Wall Paper Designs of Today."

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May, 1930

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Shore Excursions — Exceptionally comprehensive and interesting program of shore excursions included in tour cost — all under the experienced direction of accompanying American Express cruise staff. Tour cost from $1050 to $4500. Cruise party limited to 300. For full particulars, apply any authorized ticket agent, any office of American Express travel department, or—

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The “Overland Limited”, straight across mid-continent, the “Sunset Limited”, from New Orleans, the “Daylight” from Los Angeles—all glide to their final stop at San Francisco. There the “Cascade” moves out for its 22-hour dash to the Pacific Northwest.

When you go West by northern lines or by Southern Pacific’s central or southern routes and return by northern rails it is the “Cascade” that gives full meaning to Southern Pacific’s advice: “Go one way, return another and see the whole Pacific Coast”.

That its appointments and service are the best today can fashion, you rightfully assume. Rooms en suite if desired: barber, valet, bath, ladies’ maid, club car, ladies’ lounge.

Southern Pacific
Four Great Routes

Write to H. Gray, 515 Fifth Ave., New York City, or O. P. Bartlett, 310 S. Michigan Boulevard, Chicago, for book with illustrations and animated maps, "How Best to See the Pacific Coast".

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IN SUITES-ON-WHEEL

Do you know that travel in India is now luxuriously modernized? Do you know about these “apartment” pullmans, with your own Indian servants in fare-exempt quarters? Take these salon-bedroom-bath-and-kitchen suites over India’s 41,000 rail-miles. Live in them during stop-overs...or at any of India’s excellent European hotels. Stop to hear Brahmin chants at Benares’ burning ghats...harvest songs in Kashmir’s iris hills...the throbbing love-song of Agra’s Taj Mahal...and soft-throated Bulbuls singing through the pierced marble screens of Gwalior’s gardens. Go from Bengal’s tropical jungles to Everest’s snows...from Nautch rhythms to tea-dancing in smart Darjeeling. Regular weekly steamers. Booklets, complete tour service by Indian State Railways, Delhi House, 38 East 57th Street, New York. Or, consult principal tourist agencies (any office) or your own agent. Freight inquiry also solicited.
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Modern seaside resorts—Cape Town, Mossel Bay, Port Elizabeth, East London, Durban—offer delightful diversions from inland sightseeing. Surfing, sunbathing, golf, tennis, fishing and other sports are abundantly available, and hotels and railroads provide the utmost in comfort and convenience.

Write for details regarding special cruises or inclusive independent travel (Booklet SO-5) to Director.

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You're the third gentlemen this morning ... Yes, indeed, a great convenience ... Travel would be a bit of a bother without them ... I used to cash a lot of them on the China run ... I see you have the new-size A·B·A's. Very handsome too ... Twenty dollars? ... Very good, Sir."

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The head porter of one of the big hotels in Paris asked of an American, "What is the meaning of these red and yellow bands which some of your people are allowed to have on their luggage?"

He thought the familiar stripes of the Oshkosh "Chief" were some governmental insignia awarded for distinguished public service. As a matter of fact, that wouldn't be inappropriate!

How to recognize an Oshkosh "Chief"

"Chief" Oshkosh Cord Duck, the strongest and toughest trunk covering made, is found only on Oshkosh "Chief" Trunks. It is recognizable anywhere by the two bands of red and yellow stripes woven into the fabric.

Oshkosh Trunks can also be had in the less expensive fibre covering. The Oshkosh trade-mark identifies them.

An attractive descriptive booklet, "The Chief of Trunks," will be sent you on request to 456 High Street, Oshkosh, Wisconsin.
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The man about to build a home will find in portland cement concrete a building material that successfully meets almost every requirement.

In foundation and basement floor, the use of concrete is simply a matter of course. Above ground, almost any kind of a wall you may desire can successfully be built of concrete, in one form or another. Concrete masonry units, now available in many pleasing shapes, build rugged firesafe walls of rare beauty and distinction at surprisingly low cost.

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Consult your architect and the maker of concrete products for information

PORTLAND CEMENT Association
Chicago

Concrete for permanence and firesafety
May, 1930

Glorious

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Last year "Mount Vernon," the home of George Washington, was painted with Outside Barreled Sunlight. Now it sparkles in the Virginia sun with new beauty... new distinction.

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THE historic estates of George Washington and Thomas Jefferson. Glorious old homes... famous for their dignified beauty. Now they are more attractive than ever. They fairly sparkle in the Virginia sun... brilliantly white... richly lustrous... painted with Outside Barreled Sunlight.

You can give the same distinction to your own home. The paint which has made Mount Vernon more beautiful... renewed the glory of Monticello... has added charm to thousands of fine private homes the country over.

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Outside Barreled Sunlight is made by the Rice Process—the same method which perfected Interior Barreled Sunlight. While this outstanding exterior paint costs a fraction more per gallon than other paints, the difference is amply justified by added distinction, beauty, durability.

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AS YOU LIKE IT, WHEN YOU WANT IT

SEND FOR THE HODGSON BOOKLET, PICK A FLOOR-PLAN
TO SUIT YOUR NEEDS—AND ALMOST BEFORE YOU KNOW
IT YOUR SUMMER HOME IS UP, AND READY TO OCCUPY

Many people of means have chosen Hodgson Houses—sometimes for auxiliary use on large estates; more often for summer homes at some favorite lake or mountain resort. Why? Because they could be erected quickly, and be ready when wanted. All the bother of building, the fussing with contractors, estimates, litter and confusion were eliminated. And they recognized in the simplicity of line and contour architectural beauty which has the good taste to blend with its environment.

We build your Hodgson House in sections; ship it to you ready to erect. In a few days, aided by a little local labor, you’re ready to move in. If you haven’t time to supervise the erecting of your home, we will gladly send a Hodgson construction foreman who will attend to all details.

Hodgson Houses everywhere have withstood the worst storms for years. Only the best materials are used. Selected weather-proof cedar and Douglas fir. The sections are held rigidly together by heavy key bolts. Details are carefully finished. Solid brass hardware, glass doorknobs, spacious closets.


HODGSON Houses
Hardware may reflect your own good judgment

IN THE BUILDING of a house you can make sure of complete satisfaction only by sharing with the architect the responsibilities of planning and specification. A home must be much more than a beautiful residence. Its arrangements must suit exactly your individual mode of living. Its equipment must reflect your own good judgment. By giving added charm to a home and by assuring the perfect operation of its parts, Sargent Hardware will help you realize your fondest aims in building.

If you are planning to build, send for our free illustrated booklet, “Hardware for Utility and Ornamentation.” You will find it interesting and instructive. Here is shown a Colonial rim lock authentically reproduced. A strap hinge of wrought-iron finish adapted from the Spanish. Knobs, escutcheons, latches, knockers that are entirely appropriate for early American or English or Norman architecture.

Of solid brass or bronze, the lasting, smooth operation of Sargent Hardware can be taken for granted. Its excellent quality removes all danger of rust-streaked woodwork, sagging hinges, worn-off surfaces. With Sargent Hardware, doors continue to latch exactly. Knobs turn easily and quietly. And Sargent locks give maximum security. A complete installation of Sargent Hardware will reflect your own good judgment and prove itself a permanent, worth-while investment.


For interior doors in the English residence, this Sargent rim lock is particularly appropriate. Adapted from an Elizabethan original, it is wrought of enduring bronze.

This interesting interpretation of English architecture is substantial, comfortable and, above all, livable. Seeburger & Rabenold, Architects, Philadelphia.

On the entrance door is used this special Sargent design, solid, permanent and artistic. It connects with the rugged Sargent cylinder lock.

A Sargent lever handle in the Yarmouth design, used on interior as well as certain exterior doors, gives a graceful and unusual touch, thoroughly in agreement with the dwelling.

SARGENT LOCKS AND HARDWARE
Sensible spending that SAVES money in that new home of yours

PORING over plans! The thrill of discussing and re-discussing every detail of your new home...every bit of material going into it!

"For one thing, we're going to have copper for those leaders and gutters!"

"Yes," says your wife, "and I'm not going to have my curtains ruined by rusty screens. We want copper or bronze there, too. It costs only a little more."

Wise people—spending wisely that you may save trouble and costly repairs in years to come!

Yet how much more important that you spend just as wisely on the hidden details where rust-proof metal is just as vitally necessary!

Your water system, for instance, those pipes out of sight behind the walls...you’re sure to save on them if you use Chase Alpha Brass Pipe.

You’ve seen the annoyance and damage caused by rust-clogged, leaking pipes. You’ve heard people talk about the expense of pipe repairs. You’ll never have any repair bills to pay, for Chase Alpha Brass Pipe cannot rust. By preventing repairs alone it saves more than its cost in actual cash.

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At cost scarcely higher than if ordinary materials were used, the owner of this residence has secured enduring beauty by the use of natural stone.

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BOUQUET—Affectionate, Loyal.

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At Stud—Int. Ch. Galloper Stud Fee $100. Puppies sired by Galloper exclusively.

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Four typal Bichon-Frise dogs in all colors and sizes. We guarantee all dogs sired with our bloodline for one year. A Cocker fits every need. Nothing under $50.

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North. One might borrow Kipling’s lines from *The Derelict* and say of him, “Man made me, and my will is to my maker still,” for the Pom is about as devoted an atom as you could find on four legs. He is keen, bright and quick as a flash. And a good one is almost small enough to sit in the traditional goblet, if you happen to be the sort of person who likes to pose dogs in such places.

The most obvious of the Pomeranian’s attractions is his magnificent coat. There is nothing quite to match it elsewhere in the canine kingdom, I suppose. Whether white, black, brown, blue, orange, beaver, cream or parti-color, it is a marvel of fluffiness intensified by a frill from which the perky little face peeks out as if from a superb, over-size fur collar. The whole coat is the sort of thing “you love to touch” but hardly dare to, so rich and unbelievably luxuriant is it in thickness and texture.

A good Pom is a compact, short backed dog, well knit but light in bone. His head and nose are foxlike in outline and his ears are small and perfectly erect. Eyes bright, dark and of medium size. Forelegs are well feathered and perfectly straight, shoulders clean, hind legs and thighs well feathered down to the hocks, fine in bone and free in action. His tail is profusely covered with long, harsh, spreading hair and is carried flat and straight on the back where it lies like an animated canine plume.

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this sturdy portable kennel yard can be erected in 15 minutes—an ideal fence for your dogs and pets and all small animals

BUFFALO Portable is the utility fencing—adaptable to practically all uses around the place. It is strongly built, and attractive, and highly convenient. Constructed in sections, to erect this fencing, you simply push the section legs into the ground and wire or clip the ends together. A child can do it, and in a few minutes time.

Your "Buffalo" Portable Fencing kennel yard can be easily enlarged when you need more space. It is necessary merely that you get additional sections and add them on to the old. Simple! And don't overlook the fact that this fencing can be quickly taken down and stored in close quarters. only $26.50

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BUFFALO WIRE WORKS CO., Inc.
(Formerly Scheeler's Sons, Est. 1869)
475 Terrace
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"Buffalo" Portable Fencing System
Pat. No. 1,749,986, No. 1,749,986

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White Holland Turkey Gobblers
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WHITE LEGHORN HENS and males now half price. Thousands of eight-month-old pullets. Also baby chicks and eggs. Trained pets, pedigreed foundation stock, age bred 10 years. Winners at 20 egg contests. Records to 329 eggs. Catalog and special price bulletins free. 1 ship C.O.D.

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S. C. White Minorcas
Lay the largest white eggs of any breed, equal the Leghorns in number laid, but with weight two-thirds heavier, no cut on production to market, world’s greatest all purpose breed, win and lay. Chicks in large quantities. Send for folder and prices now.

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CHAPPELL'S KEN-L-RATION was the first and original balanced food for dogs. It supplies the exact proportions of fresh pure meat, wholesome cereals and Norwegian red liver oil. Cooked by steam, canned, ready to feed without mixing or boiling. Sold by dealers everywhere. Do not pour out ingredients. The grains are milled in KEN-L-RATION mill, Chapell Bros., Inc., 1011 Peoples Avenue, Rockford, Ill.

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Even today, ships of many nations ply from Coos Bay Harbor, Oregon, heavy laden with Port Orford Cedar—a species closely resembling these ancient trees.

Britain seeks it for the cabinet scenery of her mighty liners, the interiors of her great public buildings, the panels of her manor homes.

In Japan, Port Orford Cedar receives a nation's homage. Closely resembling the now carefully guarded "hinoki", today this Oregon cedar builds Shinto shrine and temple.

In America, it enriches and dignifies our finest homes. Its silken-smooth surface responds to woodwork of elaborate or delicate detail.

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In Japan, Port Orford Cedar receives a nation's homage. Closely resembling the now carefully guarded "hinoki", today this Oregon cedar builds Shinto shrine and temple. This coupon brings them post haste. Port Orford Cedar Products Company, Marshfield, Oregon.
"STAN, WHY WERE YOU SO PARTICULAR ABOUT THE LUMBER?"

"Well, child, we expect to live here some years, don’t we?"

"Of course."

"And you wanted this bright-and-shining-palace to be just a little bit better than the old one, didn’t you?"

"Silly!"

"Not at all! Careful! And that’s one reason why we’re using Pondosa Pine. It is Pondosa Pine too. I saw the mark on the board."

Less than five years ago, pine was just pine. A home owner had no difficulty in specifying his electrical, heating and plumbing fixtures by name. But when it came to the wood he used, there was generally no distinguishing name—no trade-mark that stood as the manufacturer’s guarantee. Now, however, a home owner can definitely identify Pondosa Pine and be certain that he is getting just what he asks for. For the pine tree trade-mark is always stamped only on Pondosa Pine . . . produced at a Western Pine Manufacturers Association mill.

Pondosa Pine is suitable for virtually all building purposes. Every stick of the wood is selected lumber—seasoned, milled and graded by the highest standards. Every stick comes ready for the saw and plane—to cut smoothly and easily, to take nails and screws without tendency to split, to give a beautiful and satiny finish. Pondosa Pine is the ideal soft wood.

Use Pondosa for all remodeling purposes. If you are building an extra room, adding bookcases on a breakfast nook, sun room or porch, Pondosa will serve you well and economically. Always look for the mark of the pine tree on the lumber that you select. Western Pine Manufacturers Association, Portland, Oregon.

YALE Fine Builders’ Hardware, in brass and bronze, is always modern in that it is forever a graceful complement to the home it so faithfully serves. For the YALE quality tradition is firmly established upon a long record for true craftsmanship and sturdiest materials. Yale Locks and Hardware are sold by Hardware Dealers. Send for booklet “Better Hardware for Better Homes.”

THE YALE & TOWNE MFG. CO.
STAMFORD, CONN., U. S. A.
Canadian Branch at St. Catharines, Ontario

YALE MARKED IS YALE MADE
May, 1930

The oddly shaped Si-wel-co saddle seat and bowl fulfills a vital mission. The purpose of each curve and dip is not merely one of grace and beauty. They aim to place organs and muscles in a free and natural position—stimulating them to complete action.

Doctors give full credit to the Improved Quiet Si-wel-co for aiding them in their battle against constipation. The very comfort of the saddle seat minimizes the unhygienic tendency, especially noticeable in children, to grudge sufficient time for proper elimination.

While the term "quiet" is comparative, we may safely use the same word in connection with the operation of the Si-wel-co.

No gushing, gurgling noises will resound throughout the house to annoy you and embarrass your guests. And with the Si-wel-co's desirable attribute of quietness comes the life-long beauty of all-clay and a mechanical excellence of fittings which obviate the frequent visits of the plumber.

OUR GUARANTEE—We make but one grade of ware—the best that can be produced—and sell it at reasonable prices. We sell on terms or cash. Our ware is guaranteed to be equal in quality and durability to any sanitary ware made in the world. The Tepeco trade mark is found on all goods manufactured by or under your guarantee that you have received that for which you have paid.

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Trenton, N. J.

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TRANE CONCEALED HEAT

"It's a great plan—but how are you going to heat the rooms?"

Congratulations yourself on having a good architect. His plan does not show a single radiator. Because he knows how much more beautiful every room will be, and how much more comfortable, with Trane Concealed Heaters hidden in the wall.

Now your rooms grow larger as this new form of heating frees every inch of floor space. Now for the first time the decorator is free from the limitations imposed by bulky, unbearably hot radiators, free to create a perfect symphony of line and color.

Now you discover the new meaning of winter comfort known only in the homes warmed by Trane Concealed Heaters. For you control the flow of warmth easily, almost instantaneously.

And one winter in your new home convinces you that this modern heating method is a money saver, reducing fuel bills 15 to 25%.

Yes, congratulate yourself on your architect's good judgment. He chooses for your home the new type concealed heater first introduced by Trane and developed by Trane to its present degree of perfection. He chooses the product of the Trane engineering staff, men famed throughout the heating industry for their many practical contributions to better heating for factories, great office and apartment buildings, and homes. These men have made Trane Concealed Heaters easy to install, durable as your new home itself, reliable and free from trouble.

In every sense of the phrase, Trane engineers are specialists in heating.

You are doing everything in your power to make your new home beautiful, comfortable, supremely modern in every respect. Now give it the heating system of today and tomorrow, the space-saving Trane system of Concealed Heat. For all the interesting facts about this new and finer heating method mail the coupon at once. Take the first step toward modern heating and lovelier rooms.

THE TRANE COMPANY, Dept. 1, 252 Cameron Ave., La Crosse, Wis.
Send your free heating book, "Modern Style in Home Heating.
Name:
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TRANE CONCEALED HEAT
That something which makes a Chrysler a Chrysler!

There is a certain thrilling something about Chrysler performance that one never senses or enjoys in any other car. It is "something" and yet somehow everything. It is the spirit and sure stride of Chrysler speed. It is the gliding sensation of Chrysler smoothness. It is the electric aliveness of Chrysler pick-up. The answer, of course, is Chrysler engineering. With new, roomier bodies of dreadnought construction; with new, bigger, more powerful high-compression engines—and, in the "77" and "70" with Down-Draft carburetion, together with the sensational Multi-Range 4-speed transmission and gear shift—these latest Chryslers farther outdistance all attempts to equal Chrysler performance. And besides, there is more style in Chrysler beauty, just as there is more go in Chrysler power and more stop in Chrysler brakes—internal-expanding, weatherproof hydraulics, the safest brakes known to automobile science. Get a personal experience at the wheel—and you will realize with full conviction why a Chrysler inspires a pride all its own.

There is a Chrysler for every purse and every need from $795 to $3575.

- The "77" 9 body styles, $1625 to $1825
- The "70" 7 body styles, $1295 to $1545
- The "66" 6 body styles, $995 to $1095
- New Chrysler Six 5 body styles, $795 to $845
- The Imperial 8 body styles, $2995 to $3575

All prices f. o. b. factory.

CHRYSLER "77" ROYAL COUPE
$1725 F. O. B. Factory
(Special Equipment Extra)

CHRYSLER MOTORS PRODUCT

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May 1930

House & Garden

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May 1930

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The Bulletin Board
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"Without the Gate"
Blue for a Carolina Entrance Hall
Furnishing a Garden on a Brooklyn Roof
Gardening's Renaissance
Decorating Rooms Under the Eaves
Replas of Antique Couches
Alderson's Lamp Becomes a Modern Fact
Making the Most of Porches and Terraces
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Glass From Many Lands
Summer China Is Brightly Colored
The Blue and Silver Table
18th Century Cottage Ornaments
The Care of Rugs and Carpets
How to Paint and Stain Furniture
The Gardener's Calendar

It is one of the encouraging signs of the times that each year finds more and more Americans turning to the outdoors in their hours of relaxation. Increasing thousands, as the seasons pass, learn the beneficence of Nature's simpler things. Today the life of a country house is lived almost as much in its garden as within the four walls.

There is much to be said for this tendency. Nature renders no bills, extracts no back interest. She is the perfect landlord, asking only that we accept her moods as they come and give her freedom to maintain her own charm—the personal charm of subtle changes.
**Don't you forget!**

To her, your remembering — your remembrance — your thoughtfulness of her, is the most wonderful thing in the world.

Don't let carelessness — thoughtlessness — on your part cause your mother a hurt. And your forgetfulness would hurt her beyond measure.

What more fitting to carry your thoughtful tribute than Whitman's famous and beloved Sampler. What a tasteful and graceful message to mother from you — this charming Sampler in its special Mother's Day wrap showing the flowers she loves in quaint cross stitch.

"ON THIS DAY LET NONE FORGET MOTHER; BE SHE EVER SO FAR AWAY LET SOME TRIBUTE OF LOVE BE SENT HER."

Carry the Sampler to her if possible. If not, any Whitman agency will gladly mail it for you.

©S.F.W. & Son, Inc.
The BULLETIN BOARD

THOUGHTS IN A SUBURB. Three sentiments come to us as we ride through the average suburb, that domestic privacy is a thing of the past, that much good architecture is wasted for want of elbow room, and that a suburban street is no place for a baronial hall.

The commercial instinct of realtors prompts them to build houses check by check, with the result that privacy is unknown to the occupants of such houses. Likewise, being so closely packed, houses of good design are utterly lost.

Endeavoring to gain privacy, many suburban home-owners plant their little grounds with such an abundance of shrubs, trees and hedges that neither the garden nor the house is benefited. Many places are over-planted; they fairly gasp for the breathing spaces of open lawns.

As for baronial halls, let us utter an axiom: a good small house does not consist merely of a good large house design reduced in size. The English manor house, set amid hundreds of acres, simply cannot be scaled down to lilliputian proportions and squeezed onto a fifty-foot lot.

THE HIGHROAD. As you will observe on another page of this issue, the stage coach has reached a new inn. Herefore ship models added an air of romance to our rooms, sating to the far-flung ports of the imagination. Now the coach model has attained popularity, and it will soon be a pretty poor collector who won't be rumbling along the highroad of his dreams. These decorative models come in a variety of historic designs, with and without horses drawing them. So realistic are they, you can almost hear the clatter of hoofs and the squeak of the bodies as they sway on the straps that serve for springs.

CLEVELAND GOES GEORGIAN. It is said that any cultured Englishman traveling through his own country can tell exactly where he is by merely glancing at the houses as his train flies by. Native materials and local styles of architecture are used by the owners, and a certain conic or beam to guarantee the safety of his structural strength were considered first. The decorative model has attained popularity, and it will soon be a pretty poor collector who won't be rumbling along the highroad of his dreams. These decorative models come in a variety of historic designs, with and without horses drawing them. So realistic are they, you can almost hear the clatter of hoofs and the squeak of the bodies as they sway on the straps that serve for springs.

OLD SOUTHERN GARDENS. For the second consecutive year the Garden Club of Virginia has arranged a pilgrimage to the old gardens of that State, beginning April 25th and ending on May 3rd. The purpose of the tour is to finance the restoration of the garden at Stratford, the home of the Lee and the birthplace of General Robert E. Lee. For this purpose, there will be an entrance fee of fifty cents to the gardens and a dollar extra to houses. All told, about 130 different places will be visited.

This tour offers an unusual opportunity to see the fine old estates of Virginia, most of which are not ordinarily open to the public. It will be followed on May 4th, 5th and 6th by visits to some of Maryland's old mansions. Details of the pilgrimage are obtainable from the Stratford Garden Committee, the Prestwood, 612 West Franklin Street, Richmond, Virginia.

TWO NEW ROSE BOOKS. The fifteenth edition of the American Rose Annual, the publication of the American Rose Society, attains a peak in this year's presentation of Rose literature. Rose culture in all sections of the country and under all manner of circumstances is reported on, and in The Puddle of the Pudding the editor, Dr. J. Horace McFarland, presents a symposium of opinions on the culture, performance and value of Roses that have appeared in the past five years. It is inconceivable that a gardener that enjoys Roses can exist without the benefit of this Annual.

In his Rose Manual, J. H. Nicolas, a frequent contributor to Home & Garden, brings the world's knowledge of Rose culture into the scope of modern conditions. The book is a handsome one, with full-colored pictures and with informative chapters on the culture of Roses.

A PENNY A RING. Suburban and rural dwellers whose lives are centered with the persistent calls of the Boyce Thompson Institute for Plant Research, at Yonkers, N. Y., will be delighted in size comes as welcome news. This program of expansion will mean even more to those who have been able to contribute to the work of the Research Institute and to the scientists who are engaged in the study and research of the flowering plants and the various uses to which they are put.

A DEAN ON BELLS. The garden lover who has not read the writings of Rev. Thomas Ellacome has a happy surprise awaiting. In A Gloucestershire Garden, In My Vicarage Garden and Elsewhere Garden Craft of Shakespeare and Garden Craft of Elsewhere are classics of the study of Rose literature, written out of wide experience and with scholarly and humble understanding. But the good Dean also left another hobby for which he was equally famous; he became a great authority on bells and belfries, and wrote two books on the subject—Practical Remarks on Belfries and Belfry Bell Ringers. With An Appendix on Chimes, and these volumes on the church bells of Devon, Exeter, Somerset and Gloucestershire.
The living room at "Autumn Acres", which is described on the succeeding pages, was furnished in native New Hampshire antiques. Over the simple mantel a weathervane taken from a neighboring barn serves as decoration. This fireplace side of the room is paneled in wide pine boards.
An Abandoned New Hampshire Farm
Demonstrates Its Possibilities

Melvin Pratt Spalding

SOME people are blessed with this faculty and some aren't: for it is a distinct and worthwhile gift to be able to look upon a rundown property and visualize its possibilities. Thanks to that gift, many a forgotten homestead has gained a new lease on life and its new owners a fresh interest, a picturesque environment and a livable background.

It is also a gift to be able to visualize the possibilities of an old place and at the same time keep one eye on the pocketbook. And there's the rub! "Possibilities" cost good, round dollars, and the number of them one must hand out will depend on several factors: (A) the condition of the property as found; (B) the local cost of labor and materials required for restoration and improvement; (C) the extent to which restorations and additions will go; (D) the ultimate uses to which the property will be put.

In many instances it is cheaper to pull down an old relic than to restore it. Worn sills, rotted timbers and such necessary structural features must be replaced and often the replacement does not pay. If these essential structural items are past repair—a condition which a strict survey of the house will reveal—then it is wiser to raze the building and salvage from it such old timbers, doors, paneling and such as can be used in a new house. Again, the original house may be so primitive that the introduction of modern amenities requires a total rebuilding of the structure. In this case the house is usually enlarged, and one must figure if this enlargement isn't more expensive, in the long run, than the building of a new house.

Local labor is a factor difficult to figure. In some sections it is easily available, in others scarce. Sometimes the work can be done by day labor and sometimes it is wiser to let the whole job out on contract. It is often more pleasant, more picturesque and sometimes more economical to employ local labor. If one finds a country carpenter with romantic idiosyncrasies, the owner’s contacts with him and the results of his work may prove one of life’s most pleasant experiences. However, one should never try to rush the rustic: he usually enjoys his work far too much to do it speedily!

The extent to which restorations and additions will go depends entirely on one's purse and, from the point of wise spending, on the uses to which the property will be put. It is obviously

From a nondescript shingled house was fashioned a summer home that reproduces in its architecture and furnishings the style of its New Hampshire setting. It is at Lake Aquram, in the White Mountains, and bears the pleasant name of "Autumn Acres", because it is especially beautiful in the Fall. Melvin Pratt Spalding was the architect.
Taken from approximately the same point, these two photographs tell vividly the tale of this restored country place. The barn was converted into a garage and its ugly adjoining extension made into a wood shed with arched openings. To the house was added a wing and to the second story, dormers. White clapboards, a shingle roof, a latticed portico and windows with small panes are in the vernacular of the neighborhood. The service end of the house was fenced, so that it has the appearance of a Cape Cod cottage. To one side was built a service house. The walls were re-piled and lawns made from the tangle of wild grasses.

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unwise to make a large layout for a house that will be occupied only over week-ends or for a short season. Many owners relish a primitive atmosphere if they don't have to endure it long, and for such people there is no need to invest in expensive restorations; on the other hand the necessary items of water, sanitation, light, heat and easy cooking facilities cannot be overlooked even in the most primitive summer house. Thanks to the ingenuity of manufacturers these are readily available.

One final suggestion—in restoring or remodeling an old house, the finished product will fit better into its environment and the owners will probably be happier in it if care is taken to follow the architectural customs of the neighborhood. Each of our older rural sections has its own idiosyncrasies of design or marked architectural style. Study these carefully whilst dreaming of the "possibilities" in any old place.

This last bit of advice was followed strictly when plans were drawn for the farm group illustrated on these pages. "Autumn Acres", at Asquam Lake, New Hampshire, inherited no architectural merit; it was merely a summer camp with commonplace barns and shed located on a splendid site commanding views of the White Mountains. The nearest town is Sandwich, and from a farmhouse in that town were taken the typical New Hampshire local styles of cornice, wide clapboards, entrance portico and such other features that give the finished property its charm.

As found, the original house was shingled
The bottom plan shows the room arrangement as found. The house was inadequately fitted for occupation by the new owner. By the addition of a wing, the extension of a flat bay and of dormers in the roof, it was possible to lay out the rooms indicated on the two plans shown at the top of the page. Immediately around two sides of the house was laid a paved terrace, a part of which, on the rear side, is covered
In the original house one main cobblestone chimney and a temporary stack at the rear sufficed. One was rebuilt of brick and enclosed by bringing forward the end of the house, and another added on the opposite end to serve the kitchen and master's bedroom. The rear porch was cut down and a paved terrace laid here and to the side.

The door at one end of the living room shown opposite is the main house entrance; on the other end a French door opens on the rear terrace which commands a view of the White Mountains. Hooked rugs and native antiques give this room its veritable air of a delightful New Hampshire farmhouse equipped for informal summer living and had a tar paper roof. Its rooms were cramped, the best feature being a porch on the mountain side. The first step added a wing to one end, to enclose service entrance and master's bedroom, with a corner fireplace that uses a flue in the kitchen chimney. A flat bay was extended on the rear. This added space made possible a rearrangement of rooms downstairs, giving a living room, two guest rooms and baths and the master's chamber and bath. Upstairs the roof was broken with dormers, affording space for three servants' rooms and bath and a sewing room. The house was walled with clapboard painted white, the roof shingled, windows of the period were instilled and the entrance put in place.

The "before" pictures show a commonplace barn and decrepit shed attached to it. The latter was cut down in size and given a fronting of three arches. Today with its woodstacks filling the arches it is quite a picturesque feature. The barn was shingled and turned into a garage. The tumble-down stone wall was rebuilt and other walls piled up to define areas around the house and barn. The only additional building was a small service house erected at one side behind the main house.
"Without The Gate"

A Dirige For A Dog

A GOOD many years ago I said I wouldn't do it again. That was the time, still vivid in my memory, when a poor little wisp of a blind skye terrier, doomed to darkness and eternally baying his snout against chair legs and fences, was dragged from my childish arms to a lethal chamber. No, I would never have another dog.

But promises are vain things and the younger the lad the vainer they be. So there came into my life a black and tan, a slithery black and tan, and he went by the name of David, for David was the man who wrote Psalms and I was learning them then on Sundays at the knee of a pious maiden aunt. It was she who named him, she who corrected my impiety when I called him Dave. But even a pious name cannot save a black and tan when he disputes the right of way with a trolley car. So once again I knew what Kipling meant when he warned us not to give our hearts to a dog to tear.

The years passed, and down them loped a varied succession of dog friends—big dogs and little dogs, dogs well-bred and mongrels. Jack was a dancing dog out of London, taught to do tricks on his hind legs, and he did them from Amsterdam to Paris while we hooted that long way one flowery spring, and through Germany into Russia and from Russia across Siberia, and up the icy reaches of the Amur where he danced to the delight of peasant children who, if they are alive today, are grown men and women. Then one night, at an isolated station on a rickety railroad while we slept, he stepped off to get the air—and never returned. Even in Siberia you shouldn't give your heart to a dog to tear.

And there was Delphinium, a hybrid between an otherwise respectable collie mother and a peripatetic airedale sire, who went to the farmer's boy because he was good and attended Sunday School as his mother bid. But when the winter of an old age came down on him, once more I knew that Kipling was right—

Brothers and sisters, I bid you beware
Of giving your heart to a dog to tear.

ALL of which experiences should have taught a grown man not to run foul of good advice. Yet scarcely had that memory passed when I found my affections transferred to a wire-hair fox terrier who for seven years gave us "love unfinching" and whose spirit, that answered our every mood, is gone now—wherever it goes—for good. But this time I was curious where dogs do go, and turning over the pages of the Apocalypse I came to the description of the Eternal City, glittering, and gorgeous, with no night, nor darkness, nor pain, nor grief. There it is written (you'll find it in the 15th verse of the last chapter) that without the gate of Heaven are dogs.

A CERTAIN college professor has recently enjoyed his crowded hour of newspaper publicity by stating that the American home is on the decline, that it "remains nothing but a place to change one's clothes in, to have cocktails in before going out to dinner, and a place to spend a few hours' sleep." He further claimed that the American child was nothing but layers of obsolete social, religious bandages wrapped around the semblance of life.

This statement appeared just about the time we finished a cursory survey of what might be called "the pet business." The report from the latter was as encouraging as the gloomy professor's statements were discouraging. It appears that the pet business was never more thriving. More dogs and cats are being sold today than ever before. People are going in for birds despite the hysteria of parrot fever. The horse, in all parts of the country, is enjoying a wide revival of popularity. Even the clustering of our population into apartment houses does not prevent people keeping pets. The tendency to be in their homes than anywhere else, that they surround themselves with pets and enjoy their petty slavery to dumb creatures. The dog on the hearth rug, the cat on the sofa, the canary in its cage at the sunny window are all symbols of home and home contentment.

We prefer to stay on the side of the dogs. We prefer to believe that the American home is not on the wane and that people are buying pets because they love their homes, want pets about them in their homes, want their children to enjoy the companionship of pets. These children, though they are mere semblances of life, are dogs. They are not wrapped around with layers of social, religious and political bandages, react to a dog or any other pet just as previous generations of children did. They still romp with kittens and stand wonderingly before a canary's cage when it sings. And so long as they do, and so long as men and women can cherish the dumb affection and loyalty of a dog about them, there need be little fear over the American home becoming merely a clothes closet, a bar and a bedroom. The growing number of men and women who know what it is to feel the strength of a spirited horse beneath them attest to the stability of home customs.

But if that dog, that cat, that little bird in its cage, that horse in the paddock comes to the end of its time and its owners fail to feel the loss of its companionship, then we may fear for the worst.

SO without the gate of Heaven are dogs. Perhaps horses too. Perhaps cats sunning themselves on the top rail of the golden fence. Perhaps little birds singing there. Without the gate—but not very far without.

And if it should be our fortune—those of us who have loved pets—ever to pass within those mythical gates, surely most of us will not stay far away from them. Most of us, I daresay, will linger now and then around those bars to stroke the nose of a favorite old horse or smooth down the fur of a playful kitten, or hear a bird sing again or scratch pensively the snouts of those celestial dogs that stand without—those blind sky terriers of our childhood, those black and tans of our youth, those dashing Jacks of our majority, those lovesome wire-hair fox terriers, such as the one who, on a day this spring, chased rats all morning and then curled up in a sunny spot on a barn floor and fell asleep.

—Richardson Wright
Blue For A Carolina Entrance Hall

Fine architectural detail and a rich color scheme lend an airy grace to this entrance hall of the R. E. Laster residence at Winston-Salem, N. C. Woodwork is hydrangea blue and scenic paper covers the walls. The Hepplewhite sofa is covered in pale gold brocaded taffeta. Charles Barton Keen was the architect; W. E. Browne Decorating Company, decorators
The chief charm of a pent house is the opportunity it affords for a garden and outdoor living room high above the city streets. The furniture used should be sturdy enough to withstand wind and weather, iron being the most satisfactory for the exposed sections of the roof. Cushions should be in sunfast, waterproof materials which are now available in a variety of excellent period and modern designs. The pent house illustrated on these pages, on a roof in Brooklyn, has a surrounding terrace laid out to include a living room, a tiny formal garden and a space devoted to outdoor dining. Above is the garden portion of the roof, showing a collection of potted flowering plants massed around a small fountain, with boxes of Ivy, Ferns and Arborvitae effectively banked against blue-green stucco walls. The fence of split saplings was put up as a wind break. (Left) A sunny breakfast table overlooking a superb view.
On one side of the pent house is a narrow terrace furnished as a comfortable outdoor living room protected by awnings of cerulean blue canvas. A noteworthy feature of this section of the roof is the manner in which the vent pipes have been concealed by lattices painted dull bluish green and terminating at the bottom in boxes planted with Ivy, Arborvitae and flowering plants. At intervals are turquoise blue pots filled with Boxwood. The wicker furniture here is stained brown with cushions covered in orange, turquoise and brown linen. Comfortable wooden chairs painted greenish blue have coverings of blue and orange canvas: the flooring is terra cotta tiles and the iron furniture used on the exposed portions of the terrace is finished in turquoise, blue and copper color. In the garden section lights are concealed amongst the shrubbery and so arranged as to flood the fountain, giving a very acceptable imitation of moonlight. Margery Sill Wicke was the decorator of this roof terrace.

Furnishing A Garden And Outdoor Living Room On A Brooklyn Roof
Gardening's Renascence In The
18th And 19th Centuries

Ernest H. Wilson, V. M. H.
Keeper of The Arnold Arboretum

WESTERN gardens may count the hundred-year period between the middle of the 18th and the middle of the 19th Centuries the Golden Age of plant introduction. The era was one of great commercial activity, of bitter jealousies and feuds between aggressive nations. It saw the decline of Dutch and French sea power, the ascendency of the British to the admiralty of the seas and their loss of this country by high-handed foolishness. There was the terrible Civil War which ruined the South and as a result shifted its first plant collector abroad. His name was Francis Masson, described as one of his majesty's gardeners who was engaged at a yearly salary of about five hundred dollars and expenses not to exceed one thousand dollars per annum. Masson landed at the Cape of Good Hope in 1772 and immediately began collecting. It is recorded that he sent home a profusion of new plants which made Kew superior to every other European botanic garden. Among other things he sent back no fewer than forty-seven species of Pelargonium and scores and scores of new species of Heaths, and bulbous plants by the hundred. These lovers of the sunny south did not find the dark skies of England to their liking. Many, very many, merely lingered for a while and then died. Only the toughest proved equal to the dour, sunless skies of the North.

THE ANNUALS ARRIVE

In this period the annuals which make such a marvelous display in the drier regions of Texas, New Mexico, Arizona and California also found their way into gardens. To us, American annuals such as *Phlox drummondii* and Coreopsis, and perennials such as Gaillardias are commonplace yet indispensable members of our flower borders, and such trees as the Douglas Fir and the Sequoias among the commonplace, and yet it is scarce a century since they first became known to garden lovers. This period about which we write was one in which America contributed much of her greater floristic wealth to the ornamentation of European gardens. In later years it was returned to the gardens of the Atlantic States where the Nestors of American gardens were at work. Early in this period Charleston and the region to the south were the headquarters of horticultural endeavor in this broad land. Later, the terrible Civil War ruined the South and as a result shifted completely the horticultural center of the country.

AMERICA'S CONTRIBUTIONS

A limited number of ornamental flowering plants had been sent from the eastern part of this country to the gardens of Europe during the first years of the 17th Century. In the latter half there was great activity in this direction; the elder Bartram, his son, William, John Fraser and André Michaux sent to Europe the Magnolias, Aralias, Stewartias and dozens of other ornamentals which are now among the most prized possessions of gardens. In the second decade of the 19th Century David Douglas, a plant collector sent expressly for the purpose by the Horticultural Society of London, tapped the forest wealth of the rich Northwest and among other trees made known to the western world the giant Sequoias and that indispensable timber tree which bears his name, the Douglas Fir. On his heels followed William Lobb, who, in the interests of the famous nursery of Veitch & Sons, visited South America in 1840 and introduced such well known plants as *Lapageria rosea* and that delightful Barberry (*Berberis Darwinii*) without which no California garden is complete. Later Lobb traveled as far north as the Pacific Northwest and for the first time introduced the Redwood and Mammoth-tree in quantity into the British Isles.

The activity we are endeavoring to describe was by no means confined to this country, indeed, it was worldwide. That great man, Sir Joseph Banks, during the last quarter of the 17th Century was in the height of his power in England and he was responsible for the inauguration of plant exploration work which was to revolutionize our knowledge of the world's flora and enrich our gardens ten-thousand fold.

In 1772 the Royal Gardens, Kew, sent its first plant collector abroad. His name was Francis Masson, described as one of his majesty's gardeners who was engaged at a yearly salary of about five hundred dollars and expenses not to exceed one thousand dollars per annum. Masson landed at the Cape of Good Hope in 1772 and immediately began collecting. It is recorded that he sent home a profusion of new plants which made Kew superior to every other European botanic garden. Among other things he sent back no fewer than forty-seven species of Pelargonium and scores and scores of new species of Heaths, and bulbous plants by the hundred. These lovers of the sunny south did not find the dark skies of England to their liking. Many, very many, merely lingered for a while and then died. Only the toughest proved equal to the dour, sunless skies of the North.

LOST OPPORTUNITIES

One cannot read about the plant material the pioneer plant hunters in South Africa, and for that matter in Australia, too, won from the wilds and introduced into northern gardens without regretting a thousand times that California and other warm regions of this country had not been settled even as they are today by a cultured people. Had this been so the labors of these pioneers would have been much more permanent and gardens would enjoy a thousand and one plants, which, now lost to cultivation, waste their beauties on desert air and have yet to be reintroduced. It should be remembered that Captain Cook did not discover New South Wales until 1770 and the Eucalypti, Acacias, and Araucarias which today are famous in Cali-
Attic rooms can be made inviting and comfortable with simple furniture and decorations in the country spirit. (Above) An excellent arrangement of furniture under the eaves. Sprigged paper rose, blue, and yellow, curtains blue chintz, bedspreads blue linen. Mrs. George Talmey, decorator.

Attic rooms can be made inviting and comfortable with simple furniture and decorations in the country spirit. (Above) An excellent arrangement of furniture under the eaves. Sprigged paper rose, blue, and yellow, curtains blue chintz, bedspreads blue linen. Mrs. George Talmey, decorator.

(Left) A colorful attic room in the home of Mrs. Paul G. Thebaud, Nantucket, Mass. has walls, ceiling and woodwork in robin's-egg blue; floor dark red, patchwork quilt red and white. Curtains in this room are red and white dotted marquisette. Elizabeth H. Peacock was the decorator.

(Below) A gay little attic guest room with wall paper depicting Dickens' characters in yellow, red, green and blue on beige. Woodwork beige, floor dark red, patchwork quilt red and white. Curtains in this room are red and white dotted marquisette. Elizabeth H. Peacock was the decorator.
(Above) A suggestion for the usually neglected space under the eaves showing how the portion of an attic accessible to the flue can be furnished as a man's study, with a radio built in under the window. Comfortable seating furniture has durable coverings in red and brown tones; walls white with green trim, the decoration behind the Franklin stove being paper in hunting scenes. (Left) Calico papers for attic rooms. (Left to right) Red and blue on peach; cream with red and blue dots; buff with red stars; two shades of pink on white. Katherine Hartshorne

Turning The Attic Into A
Comfortable Man's Study
Alice and the Duchess, the famous tea party, Father William and the smiling Cheshire Cat—all the delightful characters of Wonderland depicted in brilliant colors on wall paper for a child's room. (Above) Playroom with paper on flat walls. Dado and ceiling cream, bright blue trim and painted wall valance. Blue percale curtains, blue and red slip cover and brown linoleum floor. Child size pine furniture and paper from Childhood. (Left) Detailed drawings of motifs in paper

An Alice In Wonderland Play
Room At The Top Of The House
Replicas Of Antique Coaches Enter The Modern Scene

A welcome change from the ship models that have reigned supreme in Early American rooms are miniature reproductions of famous old coaches, available at Stern Brothers. These are hand carved in wood and are remarkably true to the originals in all details.

(Top of page) A model of the Greyhound, the Oxford to London mail coach used the latter part of the 18th Century (31 inches long), is painted blue-green and old yellow. An unusual and effective mantel decoration for a library, study or living room.

(Extreme left) Resplendent from the crown that tops it to the gilded wheels is the replica of the green and red coach that bore Napoleon to his coronation. (Above) A red and black mail and stage coach of the 18th Century rests on a simple bracket.

(Left) The Princeton to Philadelphia mail and stage coach, painted buff and green with black top, is placed to advantage in a corner cupboard of a Colonial living or dining room. This is 23 inches long. Models may be had with or without horses.
THE same principles which have given us radio and will eventually make television practicable are now being harnessed for use in domestic service. An electric eye set to watch your furnace will ring an alarm at sight of the first ominous puff of smoke. Through a word spoken into a microphone you can, without climbing stairs, open or close the louvers that ventilate the attic. By operating a switch you may encircle your home with a network of invisible rays through which no burglar can walk without broadcasting his presence. The apparatus which makes these things possible can be put to use in automatically disposing of a multitude of irksome household chores just as simply as if instructions for their attention were given to that fabled automaton of a mechanistic age—the robot.

The vacuum tube and the microphone—those commonplaces of radio—together with grid glow tubes, photo glow tubes and photo electric cells place at the disposal of the home owner a vast array of safety devices, mechanical servants and entertainment features. These by-products of radio harness the phenomena of the electrons for our benefit; they have given birth to the art and the industry of electronics. They are as applicable to small houses and moderate incomes as to big ones.

THE RADIO TUBE

The story of these developments begins with the vacuum radio tube, with which all are familiar. First made in 1906, the tube in its present form is only a few years old. Without it we would have no radio broadcasting and little or no radio or transcontinental telephoning. Generically the father of the units which make possible the equipment spoken of above, it is actually a rectifier, a converter of alternating current to direct current and DC to AC; it is also an amplifier which builds up feeble currents without distortion. This amplification, using tubes in series, may build up a current to millions of times its original power before the limit is reached. The by-produce tubes of this standard type, which closely resemble the parent in appearance, bring almost undreamed of possibilities to our doors.

In an effort to learn more about this new wizardry I visited the research laboratory of the Westinghouse Electric and Manufacturing Company in the shadow of the lofty KDKA antenna from which America's first general broadcast was made—the election returns of November, 1920. Here I met Dr. Phillips Thomas, who has developed a radio power generator, a generating device that causes lamps to glow as they are moved in the air.

POWER CONTROL

According to Dr. Thomas, electric energy of several thousand kilowatts may be controlled by sound or light; a light of a certain intensity or a particular type of noise will through their effects on given combinations of photo cells or microphones produce a secondary effect which can be practically anything that is desired.

This means that by striking a match or emitting a whistle we may raise or lower awnings or have almost any task performed for us. How luxurious on cold mornings to have the windows of the house protected with cells and a network of ultra-violet rays is burglar-proof.

In operation the cell is practically instantaneous; when light falls upon it and voltage is applied free electrons are torn loose from caesium atoms. Caesium covers the cathode. This passage of electrons through the tube, from cathode plate to anode, sets up a weak current that is conducted to an amplifier which builds it up to a strength where it will operate a relay. Relay operation may also be induced by causing the light sensitive caesium to be in shadow. Color filters make the cell responsive only to light of certain hues. Light louvers may be used to shield a cell from all light save beams coming from one direction, so making the cell responsive to only one particular type of light source even during the daytime.

THE MAGI's CELL

A cell can be adjusted to respond to a slight decrease or increase of direct or reflected light below or above a predetermined point. This sensitivity, together with filters and louvers, makes an almost unlimited number of applications possible. For instance, a cell with a light louver might be mounted in a tree or fence where the headlights of a car turning into the drive would fall upon it, causing, by means of accessory equipment, gates to open, lights to glow along the private drive, entry of house to be illuminated and notice of the arriving guest given to the butler. A cell mounted

(Continued on page 146)
Advice On Making The Most
Of Porches And Terraces

Elizabeth Hallam Bohn

A NEW YORK decorator said the other day that one of the most alluring phases of her work was the furnishing of the porch. She continued, “The automobile lured us from our drawing rooms and taught us the joy of the open. Now our out-door living rooms reflect both the comfort we demand within doors and the color and vivacity of the glorious sunsets, the burning autumn foliage and the green of country fields which the motor has added to our heritage.”

With the extending of informal entertaining and hospitality through this same 20th Century medium, the porch has added to its original excuse for being, the functions of a reception hall and dining room as well as lounge. Steady use and dainty frocks demand that it be always immaculate in spite of dust from countless passing motors, beating rains, driving winds, and destructive sunlight. So out-of-doors house-cleaning presents a problem to be taken into consideration when passing through the fascinating aisles where reed and wicker, iron and glazed chintz are displayed in the great shops.

A surprising amount of protection is offered a porch by the use of screens, for not only does the mesh keep out marauding insects but much soot and dust as well. Bronze screening is an economical investment for it never requires painting, and lasts for years without attention, combining the strength of steel with copper’s immunity from rust. One of the highly perfected door closers on the outward bound screen door will assure further protection as well as a noiseless closing.

Slatted shades form another type of protection against drafts, glare, wind and rain, and these old time favorites have been highly styled to combine with the gay chintzes and colorful cretonnes of the smartly dressed porch. They are instantly removed or re-hung and have been designed with a no-whip device to prevent annoying flapping. The sun proof colors have a creosote base to preserve the wood and they are often used to give privacy, even where the new tapestry awnings are already adding a charming note of color, decorative with their straight lengths of fabric and spearhead supports.

For the home with even a suggestion of Spanish or Italian blood nothing is more successful as a porch flooring than the glowing charm of colorful tiles. They do not deteriorate when exposed to the weather, are waterproof, wearproof, do not stain easily and will not fade or corrode. As they are not absorbent, they may be easily cleaned with hot water and soap, always retaining their lovely tones and color values. Brick, too, is highly satisfactory for more conservative floors, and the soft blue-gray, pheasant brown, rust or purple of flagstones are particularly appropriate for the sturdy type of house. Where these stone floors develop a dusty surface, treatment with a prepared compound will quickly lay the dust and maintain a smooth and pleasing texture. And who can resist removing the garden dirt, so often carried by thoughtless feet onto the floor of the porch, when a delightful animal foot scraper presents his sharp-edged iron back for our use.

For these substantial floors come a wide variety of appropriate rugs, from the colorful straw mats with bold treatments and vivid designs in imperishable vegetable dyes, through the gold and silver straw motifs to the lovely India lamb’s wool and camel’s-hair drapery for the more sheltered enclosure.

The dusting—or washing if necessary—of the porch furniture should be part of the daily cleaning schedule. The luxuriously comfortable and smartly designed rocking chaise-longue of rattan or the sofa of woven reed with spring seat construction and cushions of sun and water proofed glazed chintz must always be as spotlessly clean as our indoor furniture. To use on the terrace or in the garden comes a movable chaise of willow, with sheltering awning and soil proof cushions, while a new kind of rattan is offered which may be left out all winter without injury. It is well to find out if possible from the manufacturer what type of preserving finish has been used at the start. A coat of spar varnish applied in the fall will give a waterproof protection, and the pieces will come into service in the spring as fresh and attractive as when new.

Where the veranda is really exposed to the weather the many

(Continued on page 150)
As a dining room is not really lived in, its walls can have considerable pattern. This treatment appears in the A. H. Galloway residence, Winston-Salem, N. C., where scenic paper and ivory woodwork make a background for English furniture, Oriental rug and crimson valances. Northrop & O'Brien, architects.

In the breakfast room of the R. E. Lasater house, Winston-Salem, N. C., a Colonial wall paper in cream, apricot and blue-green establishes the country atmosphere. Wood trim is pinkish cream, curtains blue-green percale and the rug green. Charles Barton Keen was the architect. The W. E. Browne Company decorated both rooms.

*A Little Portfolio*  
*Of Good Interiors*
A decorative background painted in the Chinoiserie manner by Victor White is easily the outstanding feature of the dining room in the Boston house of Stephen Hurlbut, shown on this and the opposite page. The decorations, painted on canvas, have a ground of silver mixed with enough gold to give light and warmth to the walls. Figures are yellow, orange, vermilion and blues, the whole effect gay and colorful without being restless.

The English furniture is original of the Sheraton period except for the interesting Chinese Chippendale chairs which suggest modern design in their angular lines. The dado is painted grayish white with a marbled baseboard and the curtains at the long windows opening onto a redeemed backyard are of coppery red silk. On two consoles are 18th Century Russian crystal girandoles with malachite bases. Decorations by The Tower Shop.

A Boston Dining Room

With Chinoiserie Walls
In the smaller and medium-size house architectural decoration is usually concentrated at one or two definite points, the entrance door being the chief subject for the designer's skill. A fine example is found in the residence of Dr. Charles M. Aves, at Houston, Texas, where the door frame is surmounted by a broken pediment from which is suspended an iron lantern. The iron is repeated in the graceful curved railings each side of the door. Joseph W. Northrop, Jr., architect
A feature of the design is the handling of the garage. It is placed in a wing and reached from a drive at the rear. From the front one gains no suggestion of this. The residence is of whitewashed brick with the chimneys placed off-center. True Georgian simplicity and dignity are found in the treatment of every detail.

The plans of Dr. Aves' residence show many departures from the usual Georgian balanced layout of rooms: the dining room in the rear, the handling of the service stairs, the sleeping porches. The master's suite occupies one side of the upper floor, with two other bedrooms and baths in the main body of the house.

A Colonial Georgian Design Suitably

Placed In A Texas Suburban Setting
Breton stonework is noteworthy for the introduction of pleasing contrasts, as in this old doorway at Dol. Large horizontal quoins at the door dominate surrounding narrow courses, while the relieving arch of small units snugly squats on the large arch voussoirs. Both wall and the arch treatments have been followed in the house at the left.

In a stone wall at Vezelay, Burgundy, mortar has been carried over the irregular face, producing a surface which combines smooth plaster and rough stone. This effect has been procured in the house shown at the left by constructing its walls of stone taken from the scrap heap of a quarry and plastering over joints and irregularities.
Adapted For Domestic Residence Design

The garden wall at Peterborough Cathedral uses an effective combination of light colored dressed stone with alternate courses of darker bits of odd-sized stone. While both the large and the small units vary considerably in size, all courses are taken through horizontally. This idea has been very appropriately carried out in the house sketched at the right.

This detail from a house adjoining Winchester Cathedral contrasts the use of dressed stone with split flints in the interstices. Here ordinary split field stone could be substituted for English flint. The sketch at the right pictures this use for a house of French character. Photographs and drawings illustrated are the work of Gerald K. Goerlings.
An Arkansas Residence

After The French Type

Long roof lines after the French manner, broken by simple dormers, crown the interestingly textured walls of Mrs. H. M. Bennett's house at Little Rock, Ark. The arch over the garage drive marks a sheltered passage between residence and garage. Here also is located the service entrance to the house. A low wall guards the front terrace. The stair window in the front façade is a distinguished feature. Max F. Mayer, architect
A separately defined unit attached to the main portion of the house contains the living room and, on the second floor, a master’s suite of bedroom, dressing room and bath. The dining room is but slightly smaller than the living room. To one side of the pantry which connects the kitchen is a glass-walled breakfast room. Each bedroom has a bath and one, besides the master’s room, has a dressing room attached.

Field Stone Walls Add Character And Interest
Good Varieties For The Rose Garden Beginner

J. H. Nicolas

EVERYTHING has a beginning, and Rose growing is no exception. The proper commencement of success with it is the right selection not so much of varieties as of classes. This choice has not only to do with climatic conditions but also with the time and care one wishes to give his Roses. If one has but limited time and does not intend to play trained nurse, the selection of such weaklings as Rev. F. Page-Roberts, Mabel Morse, Mme. Alexandre Dreux, etc., or of mischievous fankins like Los Angeles, Dame Edith Helen, Talsman, etc., is courting failure. Unfortunately many of the catalogs, if not misleading, are at least not enlightening; they are intended to sell plants—to whom and where, the vendor does not always care. Wherever the beginner is located, he should first "cut his teeth" on sturdy varieties with constitution, resistance to diseases, and hardiness; varieties that will stand adverse conditions and the mistakes all beginners are apt to make.

Whether the Great War had anything to do with it or not—probably not—it about that time there appeared a weakening of the "everblooming" varieties. Prior to that period, we had the well defined strains, the Hybrid Teas and the Pernetianas.

HYBRID TEAS

The Hybrid Teas technically are Hybrid Perpetuals (the hardy Gallica or Damask Roses crossed with Bengal or Tea) crossed with Tea Rose. This second infusion of Tea blood had not considerably reduced the hardiness of the race and the early Hybrid Teas were nearly as winter resistant as their forbear the Hybrid Perpetual; in fact for many years the strain was not recognized as a distinct class. It did not become a major class until this distinction imposed itself because of the gradual weakening of the race by repeated infusions of the Tea blood and interbreeding at too close range.

The early Pernetianas descended from an alliance between the Hybrid Perpetual and the extremely hardy Austrian Briar, Persian Yellow. For several generations these were regarded merely as close kin of the Hybrid Perpetual because they had retained the hardiness of both parents. But the sin of the father has visited the children, which have inherited the innate weakness of foliage and predisposition to fungous diseases and early defoliation of the Austrian Briar. The first Pernetianas were not very remontant and in an attempt to correct this and at the same time increase the color range, hybridizers began to cross Hybrid Teas with Pernetianas.

A MIXED RACE

The distinction between the two races remained patent for a few generations, mainly in the novelty of shades and the incorrigible weakness of the foliage. Mme. Edouard Herriot and Louise Catherine Breslau are typical of that period. The miscegenation was carried so far that we have now a race of mongrels with blood and defects of both races but few qualities of either beyond a color range previously unknown. It is difficult to draw the genetic line and performance alone can decide which side of the fence they should belong, but for expediency they are all classed by some dealers and breeders as Hybrid Teas.

It looks as if this misclassification had no other reason than to conceal the inherent degeneration of that metis breed; poor constitution, weakness of foliage and its predisposition to diseases, plus lack of winter resistance. Some purists, while clamoring for truthful descriptions, put forth the monumental alibi of "simplification". Either they have not studied the Roses they grandiloquently describe or do not understand the difference in plant characters and performance between a Hybrid Tea and an Austrian Briar hybrid. Simon pure may be their motives, but they unconsciously withhold from the public valuable information. Instead of helping the public in selecting the proper varieties for its needs, this "simplification" is still further muddling the ink bottle and reviving the old caveat emptor feeling.

The beginner—and others who have tried to grow Roses and failed—will do well to limit his activities to the Hybrid Perpetual, the Bengal and some old-fashioned Hybrid Teas, and for the South, the Tea Rose. Where the Tea is winter hardy it is practically immune from leaf trouble.

The Hybrid Perpetual and the Bengal, to which could be added the Bourbon, unfortunately almost vanished from the nursery lists, are winter hardy practically anywhere in America, and strange to say, are very happy in the South. The Bengal is the most prolific bloomer known today, on a par with the Tea, and some Hybrid Perpetuals come near being "perpetual". These two strains will fight and win against odds; they do not require more attention than perennials. They need not be scientifically pruned beyond an annual cleaning of dead or old wood and shortening of long branches, although the quality of blooms may be improved by an intelligent pruning which will be taught by experience. Above all, Roses of these classes, once planted, will stay put. When the beginner has then learned to love Roses and has acquired the rudiments of their culture he can venture with success among more exacting varieties, bearing in mind that the soft pastel shades, in which the yellow of the Austrian Briar is one of the component pigments, are as a rule more difficult to grow than the solid colored varieties.

THE RENAISSANCE

The Renaissance of the hardy, strongly constituted strains has been on for some time and from the novelty producing centers of Europe and America comes encouraging news. We are now working for the neophyte in general and more particularly the inhabitant of the North. A new race, Hardy Shrub Hybrid Tea, is being born by breeding recently discovered hardy species, which will be asnear growing themselves as a Lilac or any shrub, yet possessing the continuity of bloom, charm, beauty and adaptability of the true Hybrid Tea. When

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May, 1930

(Above) A background of tall flowering shrubs terminates the upper end of the garden, faced down with Sirene Tulips and early blue Phlox, followed by Columbine, Lilies, Delphinium, shell pink Phlox and others for succession of bloom until autumn. Quantities of Tulips are interplanted with the Roses and a few perennials in the rectangular beds, and a small rock garden is in the left center background. (Right) Looking up the slope from the summer-house to the bird bath. The slope of the ground necessitated special provision for drainage under the cross-walk but enhances the interest of the planting as a whole. It is the garden of Mrs. Parker D. Dix, Baltimore, Md.

A Baltimore Garden

On A Slope
Planned For Privacy
In A Well Settled Neighborhood

The summer-house and Rose garden are partly shaded by tall Oak trees, but there is enough sunshine for the welfare of the plants. Within the shelter are tables and chairs for tea or quiet reading in an atmosphere of peace and seclusion.

Around the courtyard is a low wall topped by lattice on which grow Mary Wallace and Silver Moon Roses. Boxes located at intervals along the wall contain Nasturtiums, and potted evergreens provide accent points on the paving below them. The gate at the left leads to the long, narrow pool, as shown by the plan at the right.
Outside the courtyard a walk and flight of steps lead up to the small lawn which extends to the summer-house. It is to be noted here how well the sense of distance has been retained by providing a clear view back through to the rear property line. The cross-section shown below illustrates the special provisions which the natural grade of the property necessitated. Abrupt terracing has been avoided by retaining the general slope. The area represented is ninety feet long and forty wide.
A New Orleans Rear Garden Pool

Water in some form—either a pool or a narrow canal—can create pleasant interest on the small city or suburban place. Here it is well achieved in the rear garden of the home of E. B. Benjamin in New Orleans. M. H. Goldstein, architect
Worthy Strawberry Kinds
For Home Gardens

M. G. Kains

AFTER you have eaten all you desired of luscious, home grown, really ripe, freshly gathered Strawberries smothered in sugar and drowned in rich cream have you ever felt inclined to question Dr. Boteler's remark that "doubtless God could have made a better berry, but doubtless God never did"? If you have you are prejudiced!

If old Dr. Boteler could return and sample the choicest home grown Strawberries of to-day the "doubtless" would have even less doubt in it! Even within my own memory the improvement has been so astonishing that were it possible to bring back the baled berries of my boyhood I would pass them by and choose the 20th Century kinds! I make this statement in all seriousness, for at one time or another I have tested more than four hundred of the more recent varieties out of the something like two thousand kinds introduced by nurserymen during the past century.

Though perhaps two hundred of this immense list have for a time played leading roles in American gardening probably less than fifty are to-day to be found on the garden stage. But, oh, how wonderful they are! How well they play their parts! Among them what a range of adaptability!

COMMERCIAL KINDS

Because of their prolificity, fair size, good color and firm texture some are specially fitted for commercial plantings. Almost without exception, however, they are of inferior flavor even when ripened under most favorable conditions. This they cannot be allowed to do in commercial plantings because they would most likely break down in transit and be unsalable when they reach market a hundred or a thousand miles away. So they become poorer in quality with each succeeding hour.

When we select varieties to plant in our home gardens we will pass by these commercial kinds; for what we demand first, last and all the time in the varieties we grow is high quality both in flavor and texture. With these varieties as fundamentals we can allow the fruit to become fully ripe and thus develop the extra size, the higher color and the delicious fragrance that only the really mature Strawberry attains.

From our own gardens we cannot count on more than two or at most three weeks with any one of the regular or early summer varieties. Among these, fortunately, are kinds that ripen very early, others very late, with many that come between. So by choosing several varieties which ripen successively we may have berries ripen with more or less overlapping for three, four and sometimes even five weeks, though during dry seasons these latter periods are reached only with the aid of irrigation.

BEST OF ALL

Of all varieties I have ever grown my first choice for a home garden would be the Premier. I consider it the best all-around kind because its plants are remarkably robust and resistant to disease. They also thrive better than most other kinds on light soils.

Premier is one of the earliest to ripen and is certainly the finest in quality of all the early ones; its quality is equalled by only the choicest of the best. Unlike other early kinds it has a long season of ripening and maintains the large size of its berries from first to last. With me one season it continued for three weeks without irrigation and, in spite of dry weather, the last berries were large and fine, whereas those of mid and late season kinds in adjacent rows were more or less failures. The reason is that the Premier roots are so long and sturdy that they get moisture lower in the ground than most other kinds.

With the exception of Chesapeake its flowers are the nearest frost proof of any kind I have ever grown. Even if the earliest blossoms are killed the plant bears so profusely that the later ones generally escape and assure a liberal yield.

Where a second early kind is wanted, Cooper is a good one to choose because of its vigor and its high quality fruit which is somewhat larger than that of Premier, but since it begins to ripen only a few days later it usually does not extend the Premier season. Its place may better be taken by a midseason kind where the available ground is limited. Moreover, the plants are less adaptable than those of Premier, especially where the soil is inclined to be wet.

For a midseason variety which will begin to ripen during the latter part of the Premier season and continue until the latest kinds start Big Joe (also known as Johnson, Joe and Joe Johnson) is eminent. The plants, which are vigorous, healthy and prolific, do well on all soils and bear an abundance of large, attractive berries at a time when the early kinds are beginning to fail. No other midseason variety I have grown compares with it.

Among the late varieties are three of outstanding high quality. Of these William Belt is the most adaptable and is my first choice. The plants are robust and the berries large but rather irregular in form. They begin to ripen about the close of the Big Joe period and continue a week or ten days later, and also somewhat later in the season than do those of Chesapeake.

CHESAPEAKE TRAITS

Chesapeake is a highly desirable late variety with healthy foliage. Its flowers bloom much later than other varieties of its season and therefore escape damage by frosts which come while these other kinds are in bloom. This is one of the strongest reasons for having it as a running mate with Premier. The plants are highly productive and maintain the large size of their firm, handsome berries well through their season. They, however, are finicky as to soil. So I suggest that you try Chesapeake only experimentally at first to determine how it behaves in your soil. Whether light or heavy, the soil must be fertile. The variety is so excellent, however, that it deserves a trial in every home garden.

Big Joe is the equal of Premier in health and vigor of plants. Its fruits are exceptionally handsome, of high quality and good form when properly pollinated. Here-

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The strong colors and vivid geometrical designs of Navajo rugs which exclude their use from many kinds of rooms make them eminently usable in summer camps where the primitive air is desired. In this camp at Lake Asquam, belonging to W. E. Schrafft, they have been used both for wall and floor decoration. And their tints of gray, white and red harmonize well with the peeled logs stained a warm yellow, the wide beveled pine boards of the wainscot, the wall board panels between the logs, the rough stone fireplace and the sand-colored tables and chairs. Melvin Pratt Spaulding was the architect.

**Indians And The Primitive Style**

**Of Summer Camp Decoration**
Suggested Rooms For A
House Of The Habitant Style

On this and the succeeding two pages are designs for a summer home in the habitant manner of Montreal and Quebec, created by Robert McQuinn. The rooms would be finished with whitewashed walls and exposed beams and ceiling boards. French provincial furniture would carry out the native spirit. Above is the living room which opens on the rear gallery; below it a corner bedroom with a draped provincial bed; and to the left a corner of the porch screened with jalousies.
A Country House Inspired By
The Habitant Homes Of Canada

The site suggested for this house falls rather sharply from the road, allowing the living quarters and three bedrooms and bath to be on the street level. The house is one story in front and two in the rear. The rear porch roof has the contour of the eaves typical of these houses. The exterior would be stone or stucco whitewashed, and a roof of dark slate. The habitant goes in for color, so the walls could be painted bright red with bright blue or green windows, doors and shutters. In the windows of unused rooms French Canadians hang blue paper. Or the outside woodwork could be merely stained brown. In habitant houses the interior beamed ceilings are whitewashed, or stained brown or painted blue. Doors often are stained brown.
On the street side the roof line is carried on a lower level to cover the garage and connecting passage. This garage, being built on the side of the hill, has two stories in the rear, the lower room a laundry with a door opening on a flagged drying yard. Steps lead from the covered passage to the lower terrace. A side entrance gives easy access to the kitchen. These designs by Robert McQuinn.

On the lower floor, which is partly excavated into the hill, are dining room, kitchen and maid's quarters. These open on the lower terrace. On the street floor above is a house-depth living room with bedrooms and a bath. Stairs lead to the lower floor and also up to an attic, lighted by dormer windows typical of habitant houses, which might easily accommodate additional sleeping rooms and another bath.
New Conveniences For The House And Its Equipment

Gayne T. K. Norton

ONE of the pleasant experiences of having wealth is in being able to handle it now and again. Do you remember your first bank book? Often we have occasion to refer to a life or a fire insurance policy, a bond or a deed but, being prudent, we must visit the safe deposit vault to do so. It would be more convenient to have our valuable within easy reach—and more satisfying.

The only trouble is, if jewels and papers are kept in the house, they may be within reach of others and are endangered by fire. Wills seem to have a special faculty for getting lost. There is the stamp or coin collection, the abstract of title and other documents. If these are held in the house they must be under guard.

An Ohio firm offers a solution. It is a rugged little strong box; blue velvet lined, that may be easily and quickly installed in the frame or masonry wall of any home, and entirely concealed from sight if desired. In this wall safe valuables are at once secure and handy.

The exterior is finished in green lacquer or a textured mahogany. Fittings include a combination lock, handle and dial of polished steel, nickel plated. A dead air space of at least 50 inches wide and 4 inches deep. If used, the built-in or recessed cabinet to match the set will fit easily into the ordinary 4" stud wall.

A SUPER-ALLOY

A product of modern alchemists, already being presented in such diverse forms as sinks, mirrors, trim, tableware, flashings, dentures, freezers, pen points, window frames, golf irons, cutlery, pipe, saucepans, automobile parts, ash trays, moldings, bathroom fittings, hardware and hypodermic needles, is the new nirosta. This alloy of chromium, nickel and iron that partsakes of the nature of a noble metal is, when polished, proof against the corrosive action of water, atmosphere and acid.

Stronger than carbon steel, it may be drawn to a wire one-thousandth of an inch in diameter or made into porch furniture. The material, also called dimoridite and widia, takes and holds a mirror finish, superior to anything obtainable with glass, which is untarnishable under all atmospheric conditions; it is also given a silver matte finish that is very attractive.

Its possibilities for decorative treatment in ceilings, as trim, light fixtures and fittings of all kinds, are almost unlimited. It is heatproof, not readily dented, easily cleaned, absolutely sanitary and the surface never wears off. King of stainless steels, this new metal for modern day requirements costs less than many of the materials in common use for which it may be substituted. And so easily is it worked that almost any sheet metal contractor could quickly produce anything from a gleaming drain board to a rust-proof laundry chute.

FOLDING FURNITURE

Architects have said: "We want the convenience and space-saving advantages of the fold-away dining set for our more expensive work, too. Why not give us this idea in a design that will harmonize with the best made-to-order furniture and that will seem to belong in the house in the most dignified architectural style?"

So it came about that houses without dining alcoves and breakfast rooms may have all the comfort of these popular features. Just a bit of wall space or even a door will serve as an anchor for benches and table which fold up flat. No cabinet is necessary. If there is a breakfast room one of these units greatly adds to its usefulness. Between meal times the space may be utilized as a children's playroom, nursery, sewing or ironing room or den.

While offered in several styles, the model architects asked for is most interesting. A grandfather's clock, a secretary and a drop-leaf table, of Colonial influence, inspired the design. Made of gum with an early American walnut finish, the most distinguishing feature is the backs on the benches which fold down on the seats. This unit is finding its way into sunrooms for use at breakfast and tea times.

This dining set is suited to old as well as new homes. Table and seats fold quietly and easily by a patented mechanism which is simple and dependable. A space 24 inches wide is needed, with a floor area in front of it at least 50 inches wide and 47 inches deep. If used, the built-in or recessed cabinet to match the set will fit easily into the ordinary 4" stud wall.

INTERIOR HARDWARE

In design and finish as well as in mechanical perfection some of the new escutcheons and lock sets for interior doors are fully two generations removed from those we used in 1915. Long, narrow and gracefully curved, they are offered in many varieties of materials and patterns. Dull bronze oxidized and relieved, nickel plate sanded with raised ornament polished, antique copper and imitation half polished iron are samples of what may be obtained. Indeed, the hardware of today well merits the term, jewelry of the home. Of course all the various styles of residential architecture are reflected in the pieces.

Escutcheons combine in one plate holes for key and for spindle to which knobs are attached, so avoiding the loss of appearance and inconvenience of attaching separate plates for the dress spindle and key holes. Secure attachment is positively assured as the holes provided for the screws are located far enough above the knob and below the keyhole to permit the screws to penetrate into the solid wood of the door above and below the lock case.

Perhaps most important, both the knobs and the spindle are threaded so that, no matter how thin or thick the door may be, knobs will always fit snugly against the escutcheon on either side without necessitating the use of washers. With the knobs screwed up tight on both sides, the whole set becomes both rattle and crack-proof.

(Continued on page 156)
Although a perfectly balanced façade usually connotes extreme formality of design, this residence has escaped such characterization by a rather unusual handling of adjoining wings. While a pleasing sense of formality is apparent, this aspect has been held in judicious restraint. The plan of the main portion of the house is of the familiar central hall type. On the first floor the living room occupies the space to the left of the hall, and a dining room and a breakfast room the space to the right. The left hand wing houses a den and the garage while the right hand one contains kitchen and service rooms. The second floor is made up of three bedrooms, each with connecting bath, a sewing room, study and two sleeping porches. The Edge Hill, Arkansas, residence of Dr. James L. Scarborough. Max F. Mayer, architect.

Symmetrical Design In A Whitewashed Brick House
Of the many-flowered types of Climbing Roses, Dorothy Perkins still remains a favorite. Flung across a rustic arbor, it gives abundant flowering in June. Excelsa, Tausendschön, Chaplin’s Pink, Ile de France are equally desirable varieties of multiflora climbers. From the garden of Mrs. Theron G. Strong, Southampton, L. I.
Success with dry wall gardening depends on two factors—the way the stones are laid and the plants themselves. The wall should be slightly canted back, but whether canted or straight, the stones must be laid sloping down from the face of the wall to lead moisture to the roots of the plants. Soil pockets are made here and there and the space back of the wall filled with good loam. Into these pockets can be planted Pinks, Creeping Phloxes, Arabis, Alyssums, Armeria, Iris Tectorum, Thymes, Creeping Veronicas, Saxifrages, Violas, and Sempervivums. Over the top can sprawl, as shown in this garden of F. L. Wurzburg, at Bronxville, N. Y. such worthy shrubs as Barberry, Cotoneasters and Forsythia suspensa.

When A Dry Stone Wall Is

Made To Spill Its Flood Of Blossoms
Give it a cool, rather damp and rich situation, and *Astilbe simplicifolia* will lift pale, fringey blossom plumes above a turf of dark, beautifully glossy, indented leaves. It is a perfect miniature replica of the tall-growing kinds.

(Top, left) Most good alpines are perennial, but an exception is found in *Linaria alpina*, a biennial. Its small blossoms are a hot violet blotched with orange—a brilliant if miniature show. Sow it where it is to grow.

(Center) Another excellent little creeping *Linaria is pallida*, covering the ground snugly with lovely foliage and fairly large, fragrant flowers of pure lavender. It is quite well adapted to the limitations of a small rock garden.

*Haheria rhodopetala*, a small cousin of the well known greenhouse *Gloxinia*, likes a vertical crevice with a cool northern exposure where it can be wedged securely in good leafmold well mixed with peat and a little sand.
The Opportunities Of
Small Rock Gardens

Louise Beebe Wilder

A GREAT gardener once wrote, "A small, trim garden, like a sonnet, may contain the very soul of beauty. A small garden may be as truly admirable as a perfect song or painting."

John Sedding was not thinking of rock gardens when he wrote the foregoing, but he might well have been, for the small rock garden offers opportunity for a very special kind of perfection. Most of us are too prone to the obsession that size, particularly where gardens and flowers are concerned, has more than a little to do with beauty and excellence, and we think that if our space is limited so also must be our achievement along these lines. As a matter of fact, the builder of a little rock garden, even though the time he may give to its care be extremely limited, should feel that he has opportunity in the hollow of his hand—opportunity to create something perfect in its way and rich in interest.

I do not at all mean to imply that this may be done, as the prestidigitator would say, with a simple twist of the wrist. Far from it. To give our bit of frankly unnatural natural scenery a look of authenticity and reality, to arrange and construct it so that it will not appear alien to its surroundings, requires considerable vision and ingenuity. But it is nevertheless possible to bring about very plausible results in almost any situation. The stones used are of the utmost importance. Each stone that is to show should be of fine form and color, for each must play a credible as well as a thoroughly creditable part in the little scene.

While the chief function of any rock garden is to provide a happy place of residence for a collection of choice small plants, and they must ever be the first consideration, still the stones are, so to speak, the bony structure of the garden and no amount of lovely flesh, represented by the plants and their flowers, will hide the defects of (Continued on page 164)
THE FIRST YEAR

In many a suburb and town are found the problems that confronted this owner—how to make much out of little, how to gain a sense of privacy in the open, how to create the semblance and reality of diverse interests in a small garden. The first year's work consisted in fencing the property and planting vines, in dividing the garden into two rooms by the use of a low fence and arbor, and by sketching in the general layout of paths and beds.

SECOND YEAR

The following season the pool was dug and bordered with stones, a small rockery for damp-loving ferns built around the base of the fountain and the stone paths laid to afford permanent footing. These two years saw the design of the garden evolved. Planting then commenced.

THIRD YEAR

By the third June arbors and fences were fully clothed with the abundant growth of climbing Roses, the approach to the garden was filled with healthy perennials and the borders edged with low-growing annuals. Next year will find the shrubs, vines and perennials reaching maturity.
THE FINISHED GARDEN

The garden of Ernest J. Rawleigh at Buffalo, N. Y., incidentally the worthy object of a recent prize, is a splendid example of what intelligence, love for flowers and persistent labor can create from an unpromising backyard. In four years its owner made an outdoor living room which was screened sufficiently from passersby, he laid out a simple design in which every inch of space would contribute its share of bloom and leafage; by the proper selection of varieties he enjoys a succession of flowering from the first spring days to the last of autumn, and in this small space he has contrived to make enough garden work to fill his leisure hours. He has even found a corner in which to embower a dining table, so that this garden can constantly be enjoyed through the summer months. This evolution represents a gradual investment which brings in rich dividends of beauty and health. The photographs of this garden evolution were made by Mr. Rawleigh. Marie P. Hill wrote the captions.

A Small Buffalo Backyard Which Grew Into a Garden Of Abundance
(Left) This table is covered with a silvery gray damask cloth from Mosse. Plates and compotes black Fostoria glass. Service plates and glasses with black bases, Lord & Taylor; butter plates and compotes, Macy's. Chromium plated candleabra and fruit cups, Rena Rosenthal.

(Left) The centerpiece is a graceful modern bowl in chromium plate, standing on a round black glass plaque. From Rena Rosenthal. It is heaped with fruit made of silvered glass from Stewart. Below at the left is an effective fluted vase of heavy black Fostoria glass, Altman.

(Below) Well designed and moderately priced Fostoria glass effective for a black and gold table. Glasses with narrow gold lines and black bases in all the wanted sizes from Macy's. The graceful flower vase of black glass has a narrow gold base. From B. Altman & Company.

For A Black And Silver Table
(Above) Interesting glasses for a black and white table. (Left to right) Seneca glass with black scalloped foot. German glass with horizontal stripes in black, gray and white. Both from Macy’s. Lalique goblet with black decorations on stem. Stern Brothers.

(Below) Moderately priced Heisey glassware particularly suitable for a country house on account of its pleasing colors. The bowl and candlestick illustrated, with graceful swan handles, may be had in crystal, green, pink, amethyst or amber. From Stern Bros.

(Right) Steuben crystal candlestick and goblet with delicate engraved design and unusual pierced stem. From Stewart. The Venetian bubble glass shown in the upper portion of the picture, imported by Carbone, is a lovely bluish green. From Wanamaker’s.

(Below, right) Swedish glass charmingly delicate in design and texture. The bowl, part of an open stock pattern, is engraved with stars and crescent moons. Stern’s. The plate, with its tiny cupids blowing bubbles on a cloud, is from Countess Sparre.

Glass From Many Lands
For Country House Use
Brightly Colored

(Summer China) The Spode china shown above is especially adapted to country use as each piece is a picturesque farm scene. The colors used are mainly bright greens, red and tans on a white background accented by narrow black lines. Open stock design from Wm. H. Plummer & Co.
Pale blue glass is particularly lovely with 18th Century silver and a fragile lace table cloth. Above is a new Steuben glass flower bowl in a decorative blue and milk-white openwork pattern suggesting lace. It comes from Altman and may also be obtained in pink and white and in pale green and white.

(Right) This table is covered with fine embroidered net. Service plates of silver lustre china, (shown below), pale blue Venetian glass and Georgian silver complete a dignified scheme. The centerpiece is a mirrored plaque on which float delicate crystal swans. Plaque, Jones & Erwin; swans, Mayhew Shop

At the far right is the Wedgwood plate used on the table above. It has a white center and silver lustre border ornamented with a grape vine design picked out in white, Macy's. The Spode dessert plate suggests an old-fashioned valentine with its delicate, lace-like border and moss-rose. Courtesy Rich & Fisher

(Right) Tiny sailing ships made entirely of sparkling glass with gosamer-like rigging, and hulls and banners in brilliant blue and red, make an engaging table decoration if placed on a mirrored plaque. From Buchwalter. The well-designed blue Venetian glass candlestick is available at Benello & Pillari

The Blue And Silver Table

Dana R. Merrill
18th Century Cottage Ornaments

For Collectors Of Americana

Mr. and Mrs. G. Glen Gould

This elaborate plaster clock was considered the height of the plaster modeler's art. Every cottage mantel aspired toward something of the same nature. The dogs have for some time past had a vogue among collectors. A spaniel is to the left of the clock and a poodle at the right.

Formally arranged bouquets, with or without a clock or watch pocket, overflowing fruit dishes and ceremonial urns were for 18th Century homes of some pretension. Lemons, oranges and bananas were strange, exotic fruits to the northern states, hence the extensive use of their replicas in such decorative groups.

The plaster deer above seems the forerunner of our own modern decorative animal figures. The small squirrel to the left and the love-birds below are more typical of the inexpensive cottage ornament of the last century.

FOLK lore is at last coming to our very house doors. Formerly we gazed with dream-filled eyes to the Norselands, Central Europe, the Balkans, and even farther afield when we sought to trace links between the daily life of "the people" and what they used, and said, and sung. But to-day we turn our eyes backward on our own Colonial days and find much good material for contemplation. Even in the Federal era rich treasure still awaits investigation. But it comes to us rather as a surprise that, in the days we call Victorian, there is considerable matter of this sort not to be neglected.

Just as American cottages of the mid-19th Century are being refurbished for delightful and comfortable out-of-town living, so their typical furnishings of contemporary decades are gaining keener attention. The normal outcome of this attention is collecting. Cup plates and stuff of such genera do not fill the list. Surprises are constantly occurring, though we have yet to see a collection of antimacassars, or even of footstools.

Ornaments of thin plaster—some collectors call them chalk—touched up with a little color, sometimes scantily, sometimes liberally, were among the things most readily available for the embellishment of humble homes, and often were the first adventures into the realm of the ornamental for those with humble purses. Their indebtedness to Staffordshire ware we noted in an article previously published, also something of their origin.

(Continued on page 142)
Facts About The Care Of

Rugs And Carpets

E. A. de Quinlan

Knowledge of the proper care of carpets and rugs is of especial value to all good housekeepers at this time of the year. To ensure satisfactory service from floor coverings, the first problem is that of correct cleaning. Proper methods employed in the home and by responsible cleaners will lengthen the life of the carpet, spare one a great deal of inconvenience and expense and, incidentally, obviate unfair claims against the rug and carpet merchants in requiring them to replace as defective merchandise carpets that have been ruined by bad cleaning.

All carpets and rugs should be cleaned with a good vacuum cleaner at least twice a week. The mouth of the cleaner should not rest on the carpet but should be raised slightly above the pile. The mechanical sweeper should be pressed down slightly and moved slowly for best results. It is also necessary to use a good carpet sweeper at intervals, particularly on the dining room rug after meals. Never use a straw broom, for this method of sweeping is very apt to tear out a certain amount of the face of the yarn besides spreading dust and dirt all over walls and furniture.

Outside Cleaning

There are two different types of housekeepers as far as the outside cleaning of carpets and rugs is concerned: one leans heavily on the side of purity and has rugs and carpets cleaned every year whether they need it or not; the other pays no attention to the fact that floor coverings need some care occasionally. Needless to say, too much handling and the wrong methods of cleaning do not improve the life and wearing qualities of rugs and carpets. Hotels, apartment house foyers, public institutions and any interiors used constantly should have their floor coverings cleaned every year by a responsible concern. Rugs and carpets in an average home need only to be cleaned once in every two or three years, depending upon the size of the family, the location of the house and the particular amount of usage they receive.

There has been great improvement recently in the various methods of cleaning and scouring rugs and carpets, but unfortunately there are still many unprogressive cleaners who employ old-fashioned methods. Whether a carpet or rug shall receive a good dust cleaning, a soap and water wash, or a thorough scouring with warm naphtha depends upon the condition of the article under consideration. On this matter a specialist should be consulted, as a fine silk rug should certainly not be cleaned in the same manner as an inferior grade, soiled and grease-stained rug.

Shrinkage

Scouring a carpet that covers a floor entirely is not recommended because the carpet is almost sure to shrink to such an extent that it cannot be used again in the same way. This is particularly true of seamless chenille and broadloom carpets. Rugs will also shrink, but as they are merely laid on the floor and not required to fit a certain space absolutely, this is not such a serious matter. Shrinkage, however, is serious where a rug has been laid with sockets and pins, for the old holes in the floor are bound to show to disadvantage. While every method of cleaning will shrink your rugs and carpets more or less, the safest way to reduce the shrinking to a minimum is to have them cleaned by the warm naphtha vacuum process. There are certain naphtha cleaners who give a written guarantee to the effect that they will clean your floor coverings, depending upon the quality and condition, without shrinking them. Of course, no carpets will shrink if they are only dust cleaned by a machine that beats the carpet with leather straps as it comes through a roller. This method is, however, not to be recommended where carpets are thoroughly soiled from long and hard use.

A soap and water wash (pure map only and intended to close the house for the summer months, first send them out to be cleaned, then pack them in camphor before storing. Where carpets cover the room entirely, and rugs are not very soiled, leave them on the floor and give them a thorough vacuum cleaning. Then cover them entirely with a good artificial or pure gum camphor powder (not balls or squares) spreading the powder one-eighth to one-quarter of an.
How To Paint And Stain Furniture

Marjorie Reid Rodes

Almost anyone with a taste for the crafts is, at some time or other, tempted by unpainted furniture as an excellent medium for self expression. Many of the unfinished pieces are quite beautiful in design and suggest infinite possibilities in the way of color. Moreover, there is an irresistible appeal in wet paint as a matter for experiment. The outcome may be disillusioning—a smooth coat of enamel develops sags and runs, a potential mahogany table shows an unexpected strawberry color and a tendency to tint the tea cloth with the same succulent tone. These mishaps are avoidable, however, if one knows a few facts about the action of various paints and one or two simple rules regarding their application.

There are two distinct ways to finish furniture. It may be stained one of the wood tones, allowing the grain to show through, or it may be enameled. In either case, the first step is to look the wood over carefully for possible roughnesses. Some pieces are well made but others have rough places that should be smoothed with sandpaper. If the first process is to be used, some woods require a filler to close the open pores that follow the figure of the grain. (These pores would otherwise absorb too much of the stain and create a bumpy appearance.) This applies to oak, walnut,

Excellent for the living room is the well made unfinished furniture shown on this page which may be stained or enameled. (Upper left) This fine secretary comes unpainted or in maple, mahogany, or walnut finish. (Left) A bookcase 54 inches high and 13 broad, would be attractive painted blue-green and lined with blue star paper. Hearthstone (Right, reading down) A well designed three drawer birch chest is 19⅞ x 34⅞ and 31 inches high. From Artcraft. As graceful as it is convenient is a small coffee table, 17 x 36 and 18 inches high, finished some gay color. A small French provincial book table, 12 x 16 and 31 inches high, might be given a wood stain. Both from Peabrooke Shop.
mahogany, chestnut and ash, which are open grain woods, but not to birch, maple and whitewood, the close grain hardwoods most commonly used for the unpainted furniture on the market. For the open grain woods a non-absorbent paste filler which, as its name implies, comes in paste form, is used after the piece of furniture under treatment has been stained. The paste is thinned with a little turpentine to the consistency of heavy paint and tinted with the stain. It is applied with a short, stubby bristle brush across the grain, and allowed to set for about 15 minutes. Then take a handful of burlap or excelsior and rub hard, across the grain. This takes off all of the excess filler, leaving only that which has gone into the pores of the wood. Apply a thin coat of shellac and allow the piece to dry overnight.

To preserve the grain of the wood, the simplest finish is a varnish stain which colors and varnishes in one operation, but this will not give the finest effect. A better method is to use first a coat of one of the acid, oil, or penetrating stains. The oil stains, colored with pigment, are most easily applied. But for clear and rich transparent color the acid or penetrating stains are most dependable. (They are made with aniline dyes so that they stain the wood without clogging it.) When this surface is thoroughly dry and hard—if possible it should be given twenty-four hours—it must be sealed with a thin coat of shellac. This is usually followed by two coats of varnish. The first coat is reduced with turpentine in proportions specified by the manufacturer, and allowed to dry twenty-four hours. It is then rubbed lightly with fine steel wool or No. 0 sandpaper. The second coat should be applied as it comes out of the can—no thinning, no stirring—and rubbed with a mixture of

Unfinished furniture is a practical choice for the summer dining room.  
(Left, reading down) A birch extension table, 28 x 43, is 76 inches long when opened. Hearthstone. These simple, well designed rush seated chairs may be stained or painted: Hitchcock chair from Leavens; fiddleback, Campbell Shops; pierced ladderback chair from Hearthstone

(Upper right) A faithful reproduction of an old corner cupboard 83 inches tall and 39 inches wide would be effective painted yellow with apple green inside. From Artcraft.

(Right) The useful wall cabinet 72 inches tall, 20 1/2 inches wide, and 10 deep might have a color scheme of old white outside and Wedgwood blue inside. The Campbell Shops

(Continued on page 154)
The Gardener's Calendar
For May

This Calendar of the gardener’s labors is planned with a reminder for taking up all his 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 from five to seven days earlier or later in the time of carrying out the ageeement.

The dates are for an average season.

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY

1. First Quarter, 8th day, Evening, W. First Week: Dry and hot
2. Full Moon, 12th day, Evening, E. Second Week: Violent rains
3. Last Quarter, 20th day, Morning, W. Third Week: Clear and colder
4. New Moon, 28th day, Morning, W. Fourth week: Warm, strong winds

5. Sunday after Easter. Palm Sunday. All Christian people of all kinds that are to be acknowledged as Christians by any Christian denomination should be sent to the church on Palm Sunday.

Old Doc Lemmon Was Saying To Us The Other Day—

“There’s a lot of folks what bin’t got much use for rain. They’re all a toodlin’ for the sun to shine all day long, and when it don’t we’re likely to feel as though we were doing the chicest thing in the world. “Course, it all depends on who ye are, and how ye want to feel, same as with the dress on the sets in this here profession when the weather is dry, it’s better after all to me that there’s a lot to be said in favor of the rain. Nor I don’t mean only in the good white corn on the kitchen well, neither. “The way I look at it, a warm, steady spring rain is about as plenty good as anything ye’re likely to find in this side the Preakness Gate. It’s a way or sort of stracin’ the world’s face on freashen’ it up that’s mighty nigh enough. As I’m right, too—too-o-o for green, slim up a while bircb withap, wak, a scruch a crock or snag or hollerny twist. Almost seem as if ye could crop it up into the same as in the kind of clothes the ghosts wear.
Vive DeLisle!
Head Chef Emeritus of the Campbell Soup Company

The French Nation decorates Campbell's Soup chef for sending the finest cooking throughout the civilized world!

For twenty-seven years Louis Charles DeLisle has presided over the kitchens which have made Campbell's Soups internationally famous for quality and savor.

Now, as Head Chef Emeritus of the company to which he brought that subtle sense of fine cookery inborn in the French, he has been signally honored by France.

For his grateful compatriots recently decorated him with the Cross of Chevalier du Merite, Agricole, for having contributed in distinguished degree to the appreciation of the artistry of French cooking throughout the entire civilized world.

You serve Campbell's Tomato Soup or any of the twenty other delicious Campbell's selections with the knowledge that in them combine the genius and the art of the world's most famous chefs! 12 cents a can.

MEAL-PLANNING IS EASIER WITH DAILY CHOICES FROM CAMPBELL'S 21 SOUPS
This Wheel Chaise-Lawn

No. 6824

for Luxurious Comfort

This appealing design presents a new and very distinctive type of Solarium furniture which can be moved easily to the lawn. It is all-rattan construction, natural finish, decorated with bands of French Enamelled Cane in contrasting colors. The upholstery is an imported fabric chemically treated to resist water. Light in weight, but sturdily built, it is an exceptionally useful and a very comfortable piece of furniture.

The arm chair and sofa illustrated typify Sons-Cunningham originality and leadership in style design—one of their latest creations, built along low, loungy lines. The material, decoration, and workmanship is similar to that in the lawn chair. The upholstery shown on the sofa is an unique undersea design on linen crash; but the purchaser may select any other upholstery desired. This suite will bring new charm and smartness into your Sun Room.

No. 6824
Design patent pending

You are cordially invited to call at the Sons-Cunningham Showrooms, where a most representative display of their furniture is available for selection. Purchases may be made through your dealer or decorator.

A portfolio of colored prints and other illustrations will be mailed upon receipt of twenty cents—stamps or coin.

Sons - Cunningham Reed & Rattan Co., Inc.    ESTABLISHED 1886
383 Madison Avenue    NEW YORK

Decorated Executive Offices

Libby Maranov

Due either to that trend of our civilization toward more comfort and ease in living, or to the more recently developed aesthetic sense of the general public, a new type of business office has come into being. Whatever the reason, the fact remains that the once rarely found "decorated" business office is more and more the type desired by the executive of a large organization. This is not surprising, for sooner or later the business man comes face to face with the realization that he spends practically all of his waking hours, and some of those he should be sleeping, in his office; it naturally follows that he demands a comfortable and attractive place to work in. At this stage of the game the decorator comes to the fore and proceeds to install as many comforts, and even luxuries, as are compatible with good taste and the sense of dignity that a business office should possess. The nature of one's business may or may not play an important part in the selection of the furnishings. Many executives choose modern decoration for their offices not only because of its simplicity and the many practical materials used, but also because it best expresses to them the age and the very skyscraper which they inhabit. On the other hand, traditional styles are found in many offices, association and a definite taste for a certain type of period furniture being responsible for this selection.

The reception room of the Viking Press, seen in the photograph at the top of the page, was designed by Thompson & Churchill, architects, in the 20th Century style. It is spacious, comfortable, attractive, and serves its purpose well. The walls are covered with blocks of cork in two tones, alternately light and dark, and are trimmed with chromium metal. The

(Continued on page 182)
cherished heirloom pieces, fashioned by Edwards and Winslow and Paul Revere, have shown us the beauty of early American silver. Now in the spirit of our American past, made for modern needs, Treasure silver carries forward the art of the early silversmiths. With the same lovely balance and satisfying simplicity, in perfect harmony with hooked rugs and high-boys, sprigged chintzes and ladder-back chairs, the Early American Style completes the decorative plan of modern Colonial homes.

For each of the accepted periods in decoration today, Treasure presents distinguished and authentic silver. William and Mary and Mary II, the Adam Style, Granado...these Treasure patterns have made possible a greater discrimination in the choice of table silver. To the lasting value of Sterling, to its significance as a symbol of gentle breeding, they have added the new finesse of related design.

The majority of jewelers are prepared to show you these various styles in Treasure flat silver with its matching hollow-ware. Any requests to us for special information will be given prompt, expert and individual attention. And should you desire to purchase Treasure silver out of income, this privilege may be extended by the leading jewelry shops through the membership of Rogers, Lunt & Bowlen in the Sterling Silversmiths Guild of America.

Rogers-Lunt & Bowlen Co.
Silversmiths, Creators of Distinctive Tableware
Greenfield, Massachusetts
Member of the Sterling Silversmiths Guild of America

IN ITS PLAIN VERSION, THE EARLY AMERICAN PATTERN SUGGESTS THE STRAIGHTFORWARD SIMPLICITY OF DINING ROOMS FURNISHED IN MAPLE OR PINE

THE ENGRAVED VARIATION OF THE EARLY AMERICAN STYLE IS BEAUTIFULLY SUITED TO STYLETLY MAHOGANY Furniture IN A MORE FORMAL COLONIAL FEELING
ON THE ROAD TO SUNNY ITALY

STILL, blue waters. Sun-kissed hills. Blossoming trees. A winding road... never ending...
You'll feel the glamorous spell of old Italy about you... in a room papered with this charming scenic design... How delicately formal it is!...
Yet how gay and heartening too!... For forty years... Thomas Strahan has been creating wall papers of exactly this calibre... strongly individual in color, texture and pattern.

Decorated Executive Offices

(Continued from page 130)

Display and occasional book tables have bakelite tops and metal bases, with the lines sharp and clearly defined. The floor is covered with rubber tile linoleum in terra cotta color and black, with the Viking ship, the trade-mark of the concern, inlaid. The lighting fixtures were designed by the Nessen Studio and the upholstered armchairs covered in rayon damask in tan and brown tones by Donald Drskey.

An office designed and decorated along traditional lines may be seen in the photograph at the bottom of page 130. This was decorated by MacAlister & Alvord for E. W. Scripps, president of the E. W. Scripps Company and editorial director of the Scripps-Howard newspapers. It is English in feeling and exudes an atmosphere of dignity and charm. The walls are paneled in oak and the furniture for the most part is of the Jacobean era. A comfortable club chair is covered with blue tapestry, and the large sofa is in blue brocatelle. The tapestry which hangs above the sofa is in blues, greens, and old red, echoing the colors of the fine Oriental rugs which cover the floor. The ceiling fixture is of wrought iron, Gothic in design. The windows lend added interest to the room, for the leaded panes are ornamented with antique enamled ships, fish and maps of the old world.

Simplicity and mechanical efficiency were the efforts sought by the designer of the office of Grover Loening, illustrated at the top of this page. Charles Baskerville, Jr., who is represented by the Hackett Galleries, endeavored to interpret the aircraft business in which Mr. Loening is engaged. To this end as many as possible of the materials used in airplane construction were incorporated into the furnishings of the room. Aluminum colored waterproof fabric covers the walls; black bakelite was used for the tops of the aluminum tables and desks; gray pigskin upholstery, sofa and chair, and standard moldings made of the metal used in airplanes serve for chair moldings and (Continued on page 130)
Soap and Cream
and Powder...Give your skin
the cool refreshing protection
that the English Woman uses

SEARCH the world over, but only among English
women will you find complexions so flower-like in
texture. How does the English woman achieve—and
preserve—that matchless beauty? You may be
amazed to know that she follows no elaborate ritual
of creams and lotions. Her cosmetics are so few as
almost to arouse skepticism.

Soap, cream and powder—that is all. But each is
of superlative quality. First, Yardley's English Lav­
der Soap. And you will find that it leaves your
skin clear and refreshed with a new and healthful
beauty caught in its soft texture.

Then, English Complexion Cream, as a cleansing
cream to complement the use of soap and water; as
a nourishing cream for use at night; and as a pow­
der foundation in the morning. Used in this way, it
is to be smoothed on liberally and then washed off
with water. The fine, thin film that remains is an
excellent base for your powder.

And last, Yardley's English Lavender Face Pow­
der. Gentle, cooling and enduring, it comes in smart
shades that will blend correctly with the tones of
your skin, accentuating your own color.

Eight generations of English gentlewomen have
made the charm of Yardley's English Lavender their
own. Today it may be yours, for all the Yardley
products are now available in America. The beauty
treatment is waiting at your own favorite store. Send
for our booklet, "Complexions with an English
Accent." It is free. Yardley & Co., Ltd., 8 New Bond
Street, London; 452 Fifth Avenue at Fortieth Street,
New York City. Also Toronto and Paris.

Yardley's English Lavender
"The Lovable Fragrance"
Beauty—and the beast

Beauty: a tastefully done wall in a discreetly decorated room.

Beast: a radiator, any radiator.

No trouble hiding the beast successfully if the radiator is a Robras 20-20. Because, as you see, this radiator is a new type, specially designed to go back of the wall, out of sight, out of the way.

You already have the necessary "waste space" for it in your walls! Why spoil the best space in your rooms—right in front of the windows? Look into the records. See how this quick-heating, large-fin area radiator is completely changing the appearance of thousands of the best homes in America. That's easy to do! Just mail the coupon. ROBRAS 20-20

Compartments for books or ornaments, small drawers and a locked refreshment cabinet make an interesting unit. Eugene Schoen, Inc.

Two-In-One Furniture

The problem of incorporating into the limited space of the modern small apartment all the essential comfort and even some of the luxuries of larger rooms, has been solved by designers of contemporary interiors with the ingenious development of the double, and often, triple purpose piece of furniture. Usually this piece hides its real purpose behind a decorative exterior intended to suggest a different use. The various pieces illustrated on this page and on page 138, are typical of the adaptation of modern designs to a multiplicity of uses, and more often than not, to conceal their real identity.

The combination desk, dressing table, and bookcase shown in the photograph below is designed for the small apartment living room or library that must on occasion become a guest bedroom. The compartment on top of the desk, when opened, discloses a mirror and shelves for small toilet articles. The closed cupboard supporting each book tower holds lingerie and other personal effects. The piece is constructed of hardwood and painted two tones of beige.

(Continued on page 138)
Experience, rather than Experiment, builds these Champion Eights! By time and by travel, in the hands of one hundred thousand owners, Studebaker's three great Eights—President, Commander or Dictator—have proved beyond all question their enduring soundness. Holding undisputed the greatest world and international records, and more American stock car records than all other makes of cars combined, Studebaker alone can provide Eights which are seasoned champions. A Studebaker Eight will cost you less than 14 different sixes but will be worth more than a six when you trade it in. Your Studebaker bears a name famous for 78 years.

STUDEBAKER
Builder of Champions
O land gypsy ever enjoyed the freedom of that nomad of the water, the Chris-Crafter. To him the waterways of the whole world lie open. There are no white lines, no straight pavements. Every bay and river invites the Chris-Crafter to rest or to explore, to hunt or to fish. The shorelines offer wide diversity of play and recreation. Thrilling races, regattas, boat parties, picnics, social affairs—all are within range of the fast, roomy Chris-Craft. Every waterside family needs a Chris-Craft, and every member of the family will enjoy and use it. It handles even more easily than a motor car and has the same steering, starting and lighting equipment. There are fast, racy runabouts, luxurious sedans, commuters, cruisers and yachts in the 1950 Chris-Craft fleet. Let the Chris-Craft merchant help you select the one that fits your desire. Illustrated catalog may be had by writing Chris Smith & Sons Boat Company, 185 Detroit Road, Algonac, Michigan.

Chris-Craft

World's Largest Builders of All-Mahogany Motor Boats

Runabouts—Sedans—Commuters—Cruisers—Yachts

25 Models—17 to 48 feet—$1295 to $55,000

24-foot Chris-Craft Runabout, 125 H. P., speed up to 35 M. P. H. $2850

NEW!
A 17-foot Runabout, 25 M. P. H., priced at $1295.

A few desirable sales terminates open.

Wire for details.
The patrician matron of Imperial Rome traversed its narrow streets in the ornate lectica, borne by gorgeously liveried slaves and followed by a numerous retinue.

THREE years ago Packard published this statement. "Three things guarantee the maintenance of Packard reputation: The finest motor cars which Packard's unsurpassed experience and facilities can build. Business dealings governed by the strictest interpretation of the company's duty to Packard owners. Advertising which never in word or picture deviates from the conservative facts."

Since then Packard has supplemented the famous Custom and De Luxe models with the Packard Standard Eight—and the Standard Eight has enhanced and widened a reputation already supreme. For the Standard Eight is a Packard through and through—beautiful, powerful and luxurious.

It is offered on convenient terms—with a fair allowance for the used car—and is not depreciated in the owner's hands by frequent or radical changes in design.

And Packard has advertised that it costs no more to own the distinguished Standard Eight than a car costing down to half as much—if the Packard is driven twice as long. This is a truth which simple arithmetic has proved to tens of thousands of delighted owners throughout the United States and Canada.

Your Packard dealer can give you some surprising facts and figures, the results of a nation-wide survey.

PACKARD
ASK THE MAN WHO OWNS ONE
TO COMPLEMENT THE COLORS OF YOUR BEDROOM—
THIS NEW ENSEMBLE BLANKET ALLURINGLY LIGHT AND WARM

OLD TOWN BLANKET

For the bedroom that looks out over pines and white lake—the bedroom that strives to be as beautiful as its mountain setting, use this newest Old Town Blanket, the Ensemble. It is wholly new in decorative idea. It will fuse the predominant colors of your bedroom softly together. Its wide ends complement in color the main portion of the blanket. A gold blanket has orchid ends. A rose blanket has green ends. Twelve combinations—the colors as soft in tone as the blanket is soft to touch.

It is all pure-wool—this Old Town Ensemble. Unbelievably light, abundantly warm. Its soft fluffiness will last after years of laundering.

Only skilful weaving can make an Old Town Blanket, and then only with selected long wool that can be brushed to a thick soft nap. Extra weaving is necessary to combine the colors of the Ensemble. Yet prices are low, to permit your selecting Ensembles for more than one room.

Other Old Town Blankets are in solid and reversible colors; all wool, and camel's hair and wool. On each is an Old Town label. The better stores have them. If your dealer cannot supply you, write to us, mentioning his name. Address The Old Town Woolen Co., Inc., 456 Fourth Avenue, New York City. Mills at Old Town and Guilford, Maine.

Above, peach and green Ensemble, bound with wide peach and green satin ribbon.
PLUG IN FOR CORRECT TIME!

Electricity keeps the Telechron Clock in your home as accurate as the Telechron Master Clock in the power house.

Below: Person, particularly popular for bedside or dressing-table. Mahogany case. Three-inch gold-finish dial, illuminated by tiny Mazda lamp. Height 6¼". Price $27.

Below: Madison, an attractive banjo clock in early American design. Mahogany case with colored glass panels. Six-inch silvered dial, Height 9½". Price $50.

This is the Telechron Master Clock in your power house. Checked by radio with naval observatory time, it governs the speed of the giant generators that supply impulses of alternating current to regulate the Telechron in your home. These are the only master clocks used by power companies to furnish regulated time to the public.

MUST YOU guess each morning which one of your clocks is right, if any? Do you ever forget the daily or weekly winding? It’s disconcerting to miss a train by two minutes—unnerving to burn a batch of biscuits. Life moves so much more serenely when it moves on schedule... And Telechron was created just to keep life like that.

Telechron does. You can connect it with the nearest electric outlet, set it and forget it. It will serve you faithfully for weeks and months and years. Its complete accuracy is assured by even impulses of alternating current, regulated at the power house by a Telechron Master Clock. You can trust Telechron!

The very same precision is built into all the Telechron models. There are banjo clocks for the wall, graceful tambours for the mantel, compact little clocks for desk or radio, bedside clocks with alarm and illuminated dial, clocks in color for the kitchen—Telechron Clocks—for every purpose and every price, from $9.95 to $35. * Warren Telechron Company, Ashland, Massachusetts. In Canada, Canadian General Electric Company, Toronto.

* The Revere Clock Company, of Cincinnati, Ohio, produces grandfather’s clocks and other distinguished examples of fine cabinetwork equipped with Telechron motors. Their prices range from $40 to $1200.
Carlin Comforts

for Those Bored with the Usual

Better to ignore the bride than to send the banal gift! Better to be forgetful than to be trite!

The sophisticated gift of today is the boudoir accessory. A chaise longue cover, perhaps, of soft, gleaming satin embroidered in clusters of rosebuds; rich satin comforters of phantom weight but realistic warmth... blankets and their delicately beautiful covers... spreads of every fabric from antique lace to the cool simplicity of moire. The originality of design, the quality of the fabric, and flawlessness of craftsmanship lift any Carlin gift from the usual.

A colorfully illustrated booklet from which to order, showing accessories for bedroom and boudoir, for travel and for the nursery, will be sent you if you cannot make a personal selection.

Carlin Comforts, Inc.

New York... 528 Madison Avenue at 54th Street
Chicago... 662 North Michigan Avenue at Erie Street
San Francisco
L. Magnin & Co., Grant Avenue at Geary

Two-In-One Furniture

(Continued from page 134)

Success is assured the one room apartment containing the walnut wardrobe-dressing table seen above. Mirror backed doors open upon a series of shelves, compartments, small drawers, and an inner cupboard with a mirrored door. A sliding tray contracts, with the aid of the three mirrors, to make a substantial and effective dressing table. In the chest of various-sized drawers below is room for lingerie, shoes, and household linen. Hats may be kept on the shelf, concealed by a sliding door, at the very top of the cabinet. While this piece was originally designed especially for a woman there is no reason why variations of it could not be adapted for use in a man's room.

The library table or desk with bookshelf ends (shown in the photograph at the bottom of the page) is a handsome piece for either a living room or library. It is 7 feet long and made of rare woods. The book table seen at the top of page 134 has compartments for books or ornaments, several convenient small drawers, and a refreshment cabinet fitted with a stout lock. It serves also for a coffee table as it is but 35 inches high and 26½ inches in diameter.

Another ornamental combination book and coffee table, shown at the bottom of page 134, is painted in two tones of gray. This harmonizes with the yellow chairs, the gray and green flower patterned wall paper, and the pale green and black upholstery and cushions of the day bed in the guest room group.

Venoms of interestingly marked, rare woods brought from many lands lend additional attraction to the novelty of form which characterizes these 20th Century Furniture pieces.

A serviceable library table or desk made of rare woods is seven feet long. Bookshelf ends offer a novel decorative effect that is also practical, while large drawers and cupboards ensure additional room. This modern piece was designed by Eugene Schoen.
without being extravagant you can have the finest name in sterling ... gorham

a complete service for eight costs as little as $232

For generations Gorham Sterling has been an essential to gracious living. Although this distinguished silver, created by expert Gorham designers, has long been the choice in homes where only the best is ever seen, Gorham is not expensive. A complete table service for eight, 72 pieces, costs as little as $232. The Fairfax pattern shown here is $240. Because of its elegance and simplicity, Fairfax harmonizes with the decoration of most dining rooms. The established jeweler in your city will be glad to show you a wide variety of Gorham Sterling silver, and beautiful hollow wares.

THE GORHAM COMPANY

For a stylish silver service, visit the leading Gorham dealer in your area today.
ANTIQUE FURNISHINGS FROM FRANCE AND ENGLAND

As part of a complete furnishing and decorating service, we present in our Chicago showrooms an entire floor of eighteenth century antiques. . . . You are invited to visit any Colby shop where you will find a representative selection of furnishings from the style centers of the world, and a staff thoroughly conversant with the correct selection and use of artistic furniture and accessories.

John A. COLBY and Sons
120 North Wabash, CHICAGO
Hotel Astor, MILWAUKEE
1801 Chicago Avenue, EVANSTON
1140 Lake Street, OAK PARK

Country Papers

The papers above are Salubra—imported wall paper that is both sunfast and washable. These designs done in a restrained modern style would be effective in either a country house dining room or hall. The pattern at the left has a white ground and large flowers and leaves in apple green, gray green and gray. On the right is a design of shaded gray stripes on a pale gray ground, and a green trellis through which runs a slender orange colored vine. Both from Walter Johnson, Inc. Woodwork: light gray. Floor: dark gray with bright green rug. Curtains: pale gray gauze trimmed with green ball fringe. Chair seats and other furniture coverings are in orange damask.

Flowered Chintzes

The chintzes shown below are suggested for a bedroom or country house morning room. They are similar in coloring and feature charming flower designs in the modernist taste. (Left) A pattern with a background of wavy horizontal stripes in orchid, mauve and flesh and flowers in yellow, blue, green and deep pink. The chintz at the right has vertical stripes in light and dark orchid color with large flowers and leaves in deep orange and green. Both Waverly prints from Raphael, Inc. Walls: primrose yellow with woodwork to match. Floor: brown with rug in dark orchid color. Curtains: chintz with yellow organdie under curtains. Furniture coverings: green glazed chintz.
Not by elaborate display, but by careful selection of the *right* things, is formal elegance achieved in the modern dinner table. The silver chosen for this lovely setting is the Oxford design, in sterling silver by Reed & Barton. Your jeweler will be glad to show you both serving pieces and flat silver in the exquisite Oxford pattern.
What about Price?

Does exclusive always mean expensive? Is individuality in rare and lovely China always costly? No indeed! At least not at Plummer's! Take, for example, this perfectly exquisite little tea set... of very fine English Bone China... and very quaint, with its dear little garden scenes and brightly colored handles... and just as exclusive as exclusive can be, for it comes direct to Plummer's from the renowned Shelley potteries of Longton, Stoke-on-Trent, England... yet it costs only $38... (no, that isn't a typographical error)... the price actually is "only $38... for the entire set of twenty-one pieces.

6 cups, 6 saucers, 6 teaplates, teapot, sugar bowl, creamer. Dainty, old fashioned garden colors against a neutral cream tone background, with a choice of colored handles to blend with your other appointments. Blue, yellow, lavender, green.

How do we do it? Well, famous Old World potteries, anxious to enhance the prestige of their China... among smart, discerning hostesses is so well known. Take, for example, this perfectly exquisite little tea set! This is one of those lovely English tea sets that invariably lends added charm to the tea hour—not only for the guests, but for the hostess!

Mrs. Robert W. de Forest's Collection, photographs of which illustrate this article, emphasizes the folk trend clearly. A casual glance at these pieces shows the artist's choice of subjects indigenous to his day: the barnyard rooster, the squirrel and deer of modernism! The asking price was probably about 50 cents, a little more... but just how "true to life" was the original? It is true that "true to life" is the primitive to the eyes of modernists among those old plaster men, or did they just do as well as they know how? We wish it were possible to know some of them by name, at least.

The clock is a chef-d'oeuvre, to be envied Mrs. de Forest by every collector. It is so imposing and elaborate that we suspect its mold maker of having had a thorough European training—witness Mrs. de Forest by every collector. The true primitives—witness the Metropolitan Museum as one of "Romanticism." It is rural, not truly so, but rustic. We dare not guess at its asking price on the day of its making. Double the fact that it included a clock, which actually kept time, excited it in value, and we fancy it was bought in a shop, not polished at home doors. Its dignity forbids such casual merchandising.

The religious group, "Crucifixion," which the woman at the cross, is not far from modernism in its monumental outline, in the simple sweep of line in the veiled figures, and especially so in the invariable bit of ornament at the foot of the cross. To have such a piece in a home bespeaks responsibility, as did the Bible on the table in the colonially blindered parlor.

(Continued on page 148)
Pewter
its soft, rich sheen and simple lines blend well with the modern mode

Pewterers, ancient or modern, have never been content to copy the creations of other craftsmen. There is something in the ductile, shimmering metal with which they work that inspires distinctive designs. Good pewter, through the ages, has been marked by a simple dignity of line and an absence of ornamentation that rightly emphasizes the rich beauty of its satin surface.

Today's world has enthusiastically taken pewter to itself. It blends easily into current decorative schemes—goes gracefully with the furnishings of almost any period. It is old enough to be new—and fresh—and altogether interesting.

You'll find pewter pleasant company in your home. There are pieces for all the conventional purposes—tea and coffee sets, waffle sets, platters, pitchers, pepper and salts. And there are odd bits for unexpected places—quaint lamps, lovely bowls, tobacco jars. A number of them are illustrated here.

When you go to buy pewter, as you surely will, look for the three "touch marks" shown below. Any one of them, stamped into pewter, signifies skilled workmanship and authentic design—whether the pattern be Early American, French, Irish or Norwegian. Each of them guarantees the fullest value for your money.

If you are interested in pewter's glorious past and present, write for Booklet P-57, "Pewter Through the Centuries." Pewter Department, International Silver Company, Meriden, Connecticut.
Electrolux not only is noiseless when you buy it, but noiseless forever after

In some ways Electrolux even improves on nature’s freezing method. It is just as noiseless. Almost as simple. And a whole lot more dependable.

Open the door any hour of the day or night and you’ll find crisp steady cold, pure sparkling ice cubes, always inside. But you’ll never hear a sound.

A tiny gas flame about the size of a pilot light and a trickle of water are the secret of this refrigerator’s silent, sure, low-cost operation. These two things take the place of all machinery. They circulate the vital cold-producing refrigerant—a refrigerant that is sealed in rigid steel and never needs renewal.

You know how relatively cheap gas and water are. And Electrolux uses only a small quantity of each. That’s why it costs so little to run ... as little as 50 cents a month in some localities.

There is not a single moving part to Electrolux. Not a speck of machinery. And hence no chance for noise to develop. No vibration. No wear. No trouble. Nothing to fuss with. Think what such perfect simplicity means to you as time goes on.

Even the tiny gas flame in Electrolux is safeguarded. Should the flame ever go out for any reason, the gas automatically shuts off until you light it again.

See Electrolux at the nearest display room of your gas company or other distributor. Can be operated with Pyrofax Gas where there are no city mains. Many sizes and models. Prices $195 to $430 at the factory, with liberal purchase terms. For complete illustrated information by mail, write Electrolux Refrigerator Sales, Inc., Evansville, Indiana.
ARTLAC makes it easy for anyone . . . even the woman who's never held a brush in her hand . . . to plunge into painting—and come out triumphant! Straight off, you’ll be able to turn out jobs that would do an art shop proud! It's not just the colors . . . though they're lovely. It's not just the smooth, satiny gloss, though you'll revel in ARTLAC's gloss. But it's the wonderfully "finished" job that you achieve with ARTLAC . . . that made-in-a-fine-shop look, that makes all the difference in the world!

Little things . . . big things . . . it's safe to wager that soon you'll be doing whole rooms that will make your heart swell with pride!

For ARTLAC is easy . . . easy . . . easy! It's the simplest thing in the world to apply! No trick technique to remember. Just stroke ARTLAC on . . . and watch it straighten out brush-marks, laps, joinings . . . into a satiny surface . . . smooth as smooth!

Even large surfaces are easy, with ARTLAC. ARTLAC will never dry, one part, before you've had time to join up strokes. What's more, if you leave a little spot bare you can go back and correct it. Don't worry . . . ARTLAC will level itself out again . . . perfect in finish . . . glossy as a tile. ARTLAC dries, ready for use, between meals. Quick, but not too quick.

All ARTLAC needs is a smooth, clean surface. Hours of tedious labor can be saved if you paint old pieces with ARTLAC. You needn't bother to scrape them down to the wood. If the old surface is smooth and clean, just go ahead and paint right over it. ARTLAC won't seep under the old coat, and make it buckle and bulge.

ARTLAC is . . . on old surfaces or those fascinating new unpainted pieces . . . the easiest paint in the world to use!

Try ARTLAC . . . on the smallest objet d'art. Soon you'll be painting whole rooms, with this wonderful new paint . . .

And the colors . . .

The newest and loveliest in the decorating world! Bewitching greens . . . Chartreuse . . . that glorious new shade, half green, half yellow! Reds that look as though they had stepped out of old English hunting prints . . . Blues . . . sophisticated . . . Yellows that sing . . . Pinks . . . Wisteria . . . Tones gay or subtle . . . all the smart new ones that you see in the smartest magazines.

All clear-toned and beautiful and distinctive. Created by the largest maker of artists' paints in America, ARTLAC brings you colors blended from a range of 400 rare pigments, usually found only on an artist's palette.

ARTLAC is . . . on old surfaces or those fascinating new unpainted pieces . . . the easiest paint in the world to use!
“Bed, bed, delicious bed…”

“Bed, bed, delicious bed… The heaven on earth for a weary head.” So runs an old rhyme that dates back farther in the anthology of sleep than even the ancestral fame of Wamsutta Percale.

That there is such a thing as perfect comfort on this otherwise none-too-perfect earth can be proved by anyone who will make a bed with smooth, cool pillow cases and long, deeply turned sheets of Wamsutta Percale.

Stretch out into its drowsy depths. “Bed… Bed? … What was that rhyme?” you’ll start to think. And the next thing you know it will be morning.
Once a week do this...

Note to Medical and Dental profession:
When prescribing a mouth wash for germicidal purposes, please make certain that it is a germicide: and not merely a preparation which is only deodorant and astringent.

Cleans the scalp—checks dandruff

WHENEVER you wash your hair—and most people do it once a week—douse full strength Listerine on the scalp either before or after the rinse. Then massage the scalp and hair vigorously for several minutes.

You will be simply delighted by the wonderful feeling of cleanliness and exhilaration that follows this refreshing treatment.

Moreover, it is unquestionably one of the best treatments for dandruff—for preventing it, and for overcoming it once it has started.

Many hundreds of women have told us that since making Listerine a part of the weekly shampoo, their scalp feels better, their hair looks more attractive, and they are never troubled with dandruff.

Of course, if dandruff does get a start, it will be necessary to repeat the Listerine treatment systematically for several days, using a little olive oil in conjunction with it if the scalp and hair are excessively dry.

Listerine removes and dissolves the dandruff particles and heals and soothes the scalp. Also, if infection is present—and most dermatologists define dandruff as a germ infection—Listerine immediately combats it.

As you know, Listerine kills germs in 15 seconds; even the stubborn Staphylococcus Aureus (pus) and Bacillus Typhosus (typhoid) yield to it in counts ranging to 200,000,000—yet Listerine is safe to use. Lambert Pharmacal Company, St. Louis, Mo., U. S. A.

Listerine kills 200,000,000 germs in 15 seconds.
in the garage would operate the doors by means of the headlights; once the car was inside, a switch would render the cell inoperative so that the lights of another car would not operate the doors. A microphone adjusted to respond to the horn would operate in the same way.

A cell in or near the front door would make it unnecessary ever to enter a dark house as finding lights within could be lighted before the door was unlocked. With an electric eye watching pilot lights on heaters, furnaces, refrigerators fuel supply to such units would be shut off by the cell immediately should the pilot be extinguished.

The lord of the manor could surprise his guests by pointing a flash light from the porch so its beam struck one cell after another. Flood-lighting, by turn, the rock garden, the electric fountain, the blossoming fruit trees and the chimney, or some other architectural feature of the house.

Cells can be mounted so as to scan areas where one may wish particularly to guard against fire, such as over furnaces and registers, fireplaces and space-heaters, in kitchens and laundries, built-in garages, about incubators, invalid chambers, nurseries, play rooms. With an electric eye moving over an area a puff of smoke will put it into action, sounding an alarm and turning on water if desired.

A room becomes filled with cigar and cigarette smoke it will not be necessary to open the windows—just light a cigarette, holding the match in line of vision of a cell, a tiny motor will start operating an ultra-violet unit and a fan hidden in the wall. In a few moments the air will be purified through ultra-violet energy, which is the best disinfectant known. Use perfume and an atomizer with the fan if you prefer.

THE EXTERIOR

By means of a portable microphone—a unit three inches in diameter, inconspicuous but a small unit—and loud speakers strategically placed about the house and grounds, dinner may be announced to guests in the garden, persons may be summoned to answer the telephone, the sundial may mysteriously address a friend, names may be read from the coffee table giving orders to servants without first summing them, and so on, and on. It is merely a matter of circuits. Speak at your "hick" or wick at your cell and a secret closet will open, the sprinkler will spray the lawn playing a tune while, a flash light picture will be taken. Given a relay or two and a couple of fractional horsepower motors, the home electrician will employ his cell and electric car in one way after another. He will give life a new dimension.

It is not difficult to imagine a time, and not a distant one either, considering the power these by-products will do anything the photo tube and grid glow tube will do when in combination. These by-product tubes are readily available, long-lived and not expensive. They make ideal servants and entertainers. They never forget, repeat or go to sleep, drink too much, ask for wage increases, they are scare-proof. They operate instantly in the face of an emergency. Their warning signals may be heard by police and fire departments as well as by those in the house. They can even be equipped to turn water on a fire or shoot a gas jet at a burglar.

As indicated, rooms may be perfumed and lighted by electric brain and muscle. By means of a recording device, a wax record or a movie film, a series of "earned" talks might be given as a dinner entertainment feature, each talk pointed in fun at a person. Almost any desired series of events can be made to follow each other. In an invalid's apartment the selector-operator unit may almost serve as nurse, bringing or closing windows, or changing window shades, interior lights, controlling room temperature, the radio and the call bell.

With the selector-operator and voice recording device in series with the telephone, messages may be taken when no one is at home. Also, through a special circuit orders may be given, over the "phone", to the house so that dinner may be cooked by the time the housewife returns from matinee or shopping; she may, by this system of remote control, order the windows closed should a shower occur during her absence from home.

The master clock and its companion program instrument, a unit seven inches square and four feet high, is

Aladdin's Lamp Of Legend

(Continued from page 91)

The finest homes are

THE WHITE HOUSE Equipped

For every climate STEEL is the one, perfectly adapted material for equipping modern kitchens and pantries. This beautiful, scientifically-made, complete line of STEEL dressers, closets, side units, tables and kindred pieces provide year after year of enduring service and absolute sanitation. Electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Monel Metal pantry sinks are included in installation arc four bins, closeted towel dryer, special enclosure for refrigerator motor.

JANES & KIRTLAND, INC., 101 Park Avenue, New York

Established 1840
The mellow coloring of an old Portuguese Print comes to you in this lovely fabric.

Prized for their mellow coloring, their exotic patterns, no less than for their rarity, Portuguese prints are dear to every collector.

The extraordinary chintz presented here by Schumacher has the very qualities that make the old prints so fascinating.

Bold and captivating, the design is softened by the colors of the background—the warrior’s chariot and the colorful floral design are charmingly disposed upon a blue-green field, with here and there glimpses of a parchment ground.

This pattern is semi-classical in feeling. But, just as the old Portuguese prints may be used in various decorative schemes, this fabric has a timeless beauty which makes suitable its use with any furnishings of soft wood tones and not too delicate in line.

You will find in Schumacher collections fabrics for your every need—the best of contemporary designs side by side with authentic examples of historic periods. Your decorator will gladly obtain samples for you.

"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. It will be sent without charge upon request. F. Schumacher & Co., Dept. E-5, 60 West 40th Street, 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.

Inspired by an old document, this extraordinary English chintz possesses a timeless beauty which allows a widespread use in the decorative scheme. Its semi-classical pattern of exotic design and subdued mellow coloring comes in mauve, dark ecru, green, rusty black, cream and pearl.

F. SCHUMACHER & CO
Perfect, piping hot Coffee, all the rest of your life-

Clear, fragrant coffee... always perfect... always piping hot! Now, with the Edicraft Siphonator you may have coffee made by the healthful drip method—every day and with as much speed and ease as with an ordinary percolator.

The Siphonator brews nine breakfast cups of delicious coffee. You may have your coffee black as midnight...or weak or medium, just the way you prefer. Out of the right hand tap, piping hot water for diluting to taste—or for making tea. The coffee is kept hot, too, long after the current is turned off.

Massively-modern in design, the Siphonator is electric and its operating principle assures the production of uniformly excellent coffee automatically. With the Edicraft Speed Toaster (the double-slice, double-side automatic toaster) it makes breakfast a meal to be anticipated... not just one to be rushed through! Edicraft products are sold by most good stores. They are created and manufactured in the Laboratories of Thomas A. Edison, Inc., Orange, N. J.

18th Century Cottage Ornaments
(Continued from page 142)

The deer was a very popular figure, made in many sizes and several poses, usually in pairs for the mantelshelf; some spotted, some plain. Fairly imposing as ornament but not too large to include on a tray of birds and dogs, hawked about, even to outlying farms outside the villages. On a painted wooden mantelshelf—they hardly ventured upon marble—they stood for a lifetime and more, for many of these pieces were made between 1850-75. Deer themselves were not unfamiliar sights through many a window, especially at sundown in late winter, and the farmer's wife—curiously it was usually the wife that carved ornaments, would glance from nature to art on her mantelshelf and be satisfied. For folk lore teaches us that the familiar thing is the beloved thing. The squirrel and the love-birds were familiar things just outside the house doors, and were popular molds with the plaster men.

But the formal pieces on pedestals, flatish bouquets, Classic urns, and scallop-edged fruit dishes, are more ceremonial and provoke new trails of thought. The plump fruits and their arrangement are a Netherland touch. In fact the Classic urn with its flowering contents was an art motif beloved of Flanders in the days of her great tapestry weaving, more favored in the declining 17th Century, however, than in the glory of her Renaissance splendor. The sumptuous borders of her 17th Century tapestries, especially those of Rubens, show solid swags of fruits and melons, overbrimming cornucopias, and urns quite like this one. The Germans and the Dutch both loved the formal magnificence of such ornaments, usually in pairs, befitting a household of some importance. Dogs and cats and deer might be suitable for a little cottage or a farmhouse shelf, but a householder of substance wanted something solid and showy. The contents of these urns is notable because American. Here are the bright red tomatoes—the "love apples" of older days—grown in the garden for show and not thought edible in the 18th's or thereabout.

Crested by a lemon, the group meant something very different in the mid-19th Century from what it does today, for lemons, oranges, and bananas were strange and exotic sights in the Northern States, especially to all the inland towns and villages. The arrival of a small bag of oranges brought by some enthusiastic traveler was an event of extraordinary interest as late as 1853 in Ohio. For long years after that date, a lemon, an orange, or a banana was far more of a luxury in a dish of local fruit than a superb bunch of Hamburg grapes would be today. The exotic fragrance of a lemon in an American home was an extravagant indulgence even more significant than a Buddha's-hand citron in China, grown for the specific purpose, and placed perhaps in a precious jade dish or bowl on the table in an endwhile, that its fragrance might fill the house. So the lemons, on creating the urn of fruit and the orange topping the fruit dish take on a very different meaning to the eye that sees and the thought that follows the trail of yesteryear.

The dogs, especially the spaniel with head upturned expectantly, give us a flavor of the fashions of the 50's. No pampered Pekinese to-day is more up-to-date as to style and smartness than were these house dogs of Victorian days. Good watch-dogs, too, as the alert little clipped model shows, and no doubt with sharp little teeth that could snap effectively at the ankles of any rash intruder.

The mold makers of these ornaments covered a wide range of style and demand, as they did of price. A little bird in the Japanese department is stamped 15$, which was perhaps the maximum. The largest piece could hardly equal the cost of an ordinary Staffordshire ornament, unless it included a clock or large watch as shown in the flat bouquet on its square molded pedestal; so that the least of them stood as the first available item of household adornment to American cottagers, especially those of Continental descent, when they first "got up to ornaments."

Aladdin's Lamp of Legend
(Continued from page 146)

yet another equipment that these radio by-products may function with, this should be a great comfort to husbands as it will remind them of certain birthdays and anniversaries, as well as keep all clocks in the house indicating correct time. When such a clock and instrument are coupled with a selector-operating set and a recording device, one may dictate instructions to stock broker, grocer, butcher, florist and other tradesmen while at breakfast and, at the appointed time, this automatic telephone will automatically 'phone the messages to the proper parties. With a brain at home which is telephonic responsive one may literally be in two places at once.

Care Of Rugs And Carpets
(Continued from page 125)

inch thick over the entire surface of the carpet. When the house is opened for occupancy, it is only necessary to give the rugs and carpets a thorough vacuum cleaning so as to remove the curl and they will be ready for use. Moths will never damage floor coverings which have been treated in this manner. However, if you have been neglectful and find moths are making themselves at home in your carpets, have them taken away immediately to be given a warm naphtha cleaning, as this treatment will destroy all the eggs.誉
IT is becoming almost a feminine fashion to explain to the apt-to-be-forgetful male that Schrafft's chocolates and candies—once sold only in the thirty-six Shattuck-owned Schrafft's stores—are now being sold by Schrafft's dealers in cities and towns throughout the country.

A subtle reiteration of that bit of good news usually produces immediate as well as tangible results!

But should it fail—then we suggest more stringent measures. Just stop wherever you see the name Schrafft's and personally purchase a box of these delicious candies!

SCHRAFFT'S
Chocolates and Candies

W. F. SCHRAFFT & SONS CORPORATION - OWNED AND OPERATED BY FRANK G. SHATTUCK COMPANY
Advice On Porches And Terraces

(Continued from page 92)

comfortable and attractive pieces in decorative iron merit consideration. Especially appropriate are the iron tea tables with tops of glass or Moorish tiles and with a pot of trailing Ivy inserted in the base. Chairs may have rush or cane bottoms if these are preferred to the spring iron seats, and special designs may always be suited to a particular decorative scheme. Then there are the ingenious folding chairs of hand-decorated wrought iron with their brilliant colors and tapestry backs which fold flat into no space at all and come forth in all their charm at the call of an impromptu rubber.

And what is a porch without plenty of cushions—linens, plain chintz, taffetas, striped cotton, plain cotton figured prints, oilcloth, leather—the magic touch of summer is imprisoned in these gay and colorful fabrics which turn the most formal of us into a lounging, friendly human being. A wealth of lovely and appropriate designs confront the seeker after outdoor color schemes.

Mary are the conveniences offered by enterprising manufacturers to add still greater ease to out-of-door living. A decorative cabinet reveals a telephone extension, especially welcome by the convalescent; electric outlets permit of breakfast or luncheons out-of-doors, and stout based lamps defy windy squalls and furnish adequate reading lights. Distinction is added to any porch by delightfully designed iron brackets holding lots of Ivy. Or old wine bottles have been covered with woven honeyuckle and serve the same graceful purpose. Iron deer and iron animals prevent dooms from swinging unexpectedly and at the same time provide an interesting element of decoration.

A flower table on the porch is a joy to the garden lover, its tiled or glass top making an ideal place for the arranging of the house flowers. Where a wall fountain or tap carries the water direct to the ceremonial spot and the stone floor defies too enthusiastic filling of vases, the flower devotee's cup of joy may be said to literally overflow.

So in furnishing the porch we aim to carry out the decorative scheme, to be comfortable, adequate and individual as well as in harmony with the architecture of the house. It must represent perfection of detail unobtrusively cared for to provide the relaxation needed in our vivid lives.

Decorated Executive Offices

(Continued from page 132)

ceiling trim. The lighting fixtures are made of black and white glass on chromium metal frames.

Another example of an office furnished with period furniture may be seen at the bottom of page 132. This is the private reception room in the office of Carle C. Conway, decorated by Henri Courtais. Reinhard & Hofmeister were the architects. The problem here was to make the room as comfortable as possible without losing any of the strength and character necessary in a business room. Walls paneled in oak provide a virile background. A large Jacobean table and court cupboard, both of oak, add their solidity to the room. William and Mary chairs mingle with those of the Queen Anne era. A red velvet settee harmonizes with the soft green tapestry, the crewel embroidered curtains and the red and green brocades of the chair coverings, all combining to make a restful and dignified room.

All of the offices shown in the accompanying photographs, particularly those furnished in the 20th Century taste, tell the story of the happy relationship that now exists between art and industry. This is due to the close cooperation of architect, designer and manufacturer, often one and the same person, with the manufacturer, as a result each gains a better understanding of the other's problems.
AMERICAN WALNUT, THE TREASURE WOOD OF ALL THE WORLD

Walnut's Charm in Colonial Designs

Throughout Colonial days when American furniture craftsmanship attained such heights of taste and excellence, native American Walnut was the peer of woods. Connoisseurs rate some of the walnut furniture fashioned along the banks of the Delaware as the outstanding examples of 18th Century cabinetwork. Today, an increasing number of the best manufacturers are reproducing these early masterpieces with charming fidelity. But with the added advantage that any of the Colonial pieces may now be made in the native walnut which was so loved by the Colonists, where in the olden days poor transportation forced many a local craftsman to forego walnut and employ some less beautiful wood because it was readily available. Walnut's depth and warmth of color with its gracious and ever-varying interest of figure is a fitting complement to the simple charm of Colonial furniture designs.

AMERICAN WALNUT

A NEW INSTRUMENT
by CAPEHART

that Electrically Reproduces
CONTINUOUS PROGRAMS OF RECORDS

Just Sit and Listen!

The Capehart AMPERION turns and changes RECORDS like Unseen Hands

If You Wish

Radio in Combination

LET THIS music marvel of the age bring joy and culture to your home. Let this revolution in tonal beauty provide continuous programs of records for young and old. Let this new creation entertain you and enrich your life.

HERE indeed is the last word in music for the home! A magic instrument that plays for hours without attention; and stops only at your command.

Choose what you will: opera, symphony, the newest dance music, you have but to make a quick selection from standard records . . . and The Capehart Amperson will play for you all evening without attention. And with a superbly fine-like tone, electrically reproduced. Radio, if your mood prefers, at the mere pressure of a finger.

Music dealers will be pleased to demonstrate The Capehart Amperson and to show you the almost human mechanism that turns and changes records while you sit and listen to a program of your favorite records!

Capehart AMPERION

THE CAPEHART CORPORATION, FT. WAYNE, IND.
This is the famous cushion that makes your rugs so soft... and also doubles their life.

Of course you've heard of Ozite Cushion — but do you know how inexpensive it is? — that it saves its own cost? — that it protects your rugs from wear? — that it gives any rug the rich feel of an oriental? — that it's fine for old rugs as well as new? — that it is sold and recommended all over the world? ... Enjoy Ozite in your home now, and let it preserve your present rugs from wear. Your nearest dealer carries Ozite — he will tell you other interesting facts about this remarkable product.

GUARANTEE
Ozite Rug Cushion is sold under the strongest possible guarantee of absolute satisfaction ... Ozite Rug Cushions come in all sizes, faced and bound on all edges with an easily identified orange taping. Ozite is permanently mothproof.

Enjoy Ozite in your home now, and let it preserve your present rugs from wear. Your nearest dealer carries Ozite — he will tell you other interesting facts about this remarkable product.

Ozite Rug Cushion
PAT. SEPT. 9, 1924
(American Hair & Felts Co., Mfrs.)
Now you can have crispier vegetables and better salads. For today Frigidaire is equipped with the **HYDRATOR**.

A new moist-air compartment that makes vegetables crisp, firm and delightfully full-flavored... Mail coupon for our new free salad recipe book today.

**THE new Frigidaire Hydrator freshens your vegetables with the magic effect of chilly dew on a growing garden. It makes celery crisp and tender—lettuce fresh and brittle—tomatoes firm and full of flavor. And it does more than that. It makes it far easier for you to prepare vegetables for the table.**

No longer need you go through your refrigerator selecting vegetables and salad materials first from one shelf and then another. Now you can keep all your celery, lettuce, tomatoes and similar vegetables in this new Frigidaire Hydrator ready for instant use.

Every household Frigidaire is now equipped with the Hydrator. In addition, each new model has the famous "Cold Control"—a device that speeds the freezing of ice cubes and desserts.

Frigidaire also has the extra power that insures dependable refrigeration regardless of kitchen temperatures. And every household cabinet is both practical and beautiful. All have convenient elevated shelves. All are lustrous, rust-proof Porcelain-on-steel inside and out—as easy to clean as chinaware.

See these important features. See how they save time, work and trouble. Call at the nearest Frigidaire display room at your first opportunity.

**New salad recipe book now sent free.**

We have just prepared a special salad recipe book which also gives full details about the Hydrator. The recipes are new and different and the facts about the Hydrator are interestingly told. May we send you this book with a copy of the new Frigidaire catalog—free? The coupon will bring both books without the slightest obligation. Frigidaire Corporation, Dayton, Ohio. In Canada, 1604 Sterling Tower, Toronto, Ontario.

FRIGIDAIRE CORPORATION, Subsidiary of General Motors Corporation, Dept. P-31, Dayton, Ohio.

Please send me your new free salad recipe book and the Frigidaire catalog.

Name:______________________________

Address:______________________________

FRIGIDAIRE
Electric Refrigerators for Homes, Stores and Public Institutions... Electric Water Coolers for Homes, Stores, Offices and Factories... Ice Cream Cabinets... Milk Cooling Equipment... Room Coolers...
Rare colors to inspire the hostess of today

When you see this new Alexandrite glassware by Heisey, you are struck with the wonder of its soft, elusive radiance. Tinted like some rare orchid petal or the fleeting glow of the sapphire, it is an American triumph for exclusive American tables. The lovely items shown in Alexandrite in the adjoining photograph are selections from the complete table services obtainable now in this fascinating color.

And the exquisite Sahara color, with its sprightly gleam of gold, opens another door to delightful hospitality. For its vivid shading belongs to itself alone, bringing a charm that you prize more and more.

For the discriminating hostess the name Heisey has long meant superb glassware. Voguish designs in brilliant crystal or popular colors like Flamingo and Moon Gleam, have made Heisey ware the correct ware for smart entertaining. And now to them are added these new distinctive colors. Ask to see them at your department store, gift shop or glassware store.

A. H. HEISEY & CO., NEWARK, OHIO

Glass Perfected through the Secrets of 4000 Years

The阿拉伯ians a thousand years ago were so skillful in giving color, beauty and ornamentation to glass that Damascus, then a center of their flourishing empire, became as famous for its glass as it was renowned for its swords. The secrets of the Arabian Masters and the secrets of other craftsmen live on in fine glassware by Heisey, brought down through the ages for you.
You Will Never Be Satisfied Until...

“...for washing, ironing, cleaning, refrigerating, sewing, etc. So why continue doing the work that requires more time than all other household tasks combined... with hand operated tools like your grandmother used?)

KitchenAid prepares food electrically... does all of the tiresome and time-consuming tasks of getting 1095 meals each year... better, quicker and much more economically than old-fashioned kitchen utensils.

There is no “guess-work” about KitchenAid... recipes always turn out the same... new menus constantly invite trying... there are fewer utensils to wash. Its three speeds... for “whipping”, “beating” and “folding-in” achieve results superior to hand methods.

Mail the coupon below. We will promptly send you descriptive matter... without obligation, of course.

THE HART & COOLEY MFG. CO., NEW BRITAIN, CONN.
EXPERTS IN HEATING EQUIPMENT FOR 25 YEARS
How To Paint And Stain Furniture

(Continued from page 137)

powdered pumice and crude oil to produce a dull finish. In rubbing, a piece of rubbing felt soaked in the mixture is used and applied with the grain. A simpler process is to lay a firm coat of varnish according to previous directions, followed by a coat of dull varnish or rubbed effect varnish. As an alternative to varnishing, the piece of furniture may be stained, coated with three coats of shellac, and rubbed with prepared wax.

In many rooms the colored lacquers and enamels are most effective on furniture. Quick drying enamels which need from four to six hours only, and brushing lacquers which dry in from twenty minutes to one hour, have largely been perfected to a degree where they are quite satisfactory. The old fault of quick drying enamels was that they did not always justify the name, or when they did, their capacity for speed applied to disposition as well as to drying. Reliable manufacturers have largely overcome both these faults. Brushing lacquers, were inclined to dry too quickly and possessed a penetrating odor. These faults have also been corrected.

Two or more coats of paint are usually needed to obtain the best results. In the case of lacquer, both coats may be the same. In using enamel paints it is most important to read the directions of the manufacturer regarding a suitable undercoat. It may be a flat undercoat made especially for enamel, or split enamel made of flat undercoat and enamel combined. With either, the object is to fill the wood and keep the enamel from sinking in and losing its gloss.

If the furniture is to be ornamented with a painted design, this should not be put on until the surface is very hard. A good thing for the amateur to avoid is striping. A contrasting color may easily be introduced, however, along the edges or in portions of the turning on legs and arms of chairs. It may be put on carving and the raised portions with a cloth to give a soft, uneven look.

When old furniture is to be refinishing or repainted the surface must be carefully prepared before the new paint is applied. It is sometimes worth while to use the paint remover and muscle necessary to remove the old paint entirely, particularly when a piece of fine old wood has been lost beneath coats of opaque paint. But usually such jobs are left to a professional. If new paint is to be put over old, the surface should first be thoroughly cleaned by washing and rubbing with turpentine. Sand paper or fine steel wool may be used to remove the gloss. If the color is already right and there are no serious blemishes, a clear varnish will serve to freshen the furniture. If there are marks or scratches, or if it is desirable to change the tone, a varnish stain should be used, or a stain followed by varnish as an unprepared furniture.

One difficulty which sometimes arises in using light enamels over wood stains, particularly mahogany stains, is known as bleeding. The original color mingles with the new paint and tints it. It is a good idea to experiment on a small section of the piece, and if a tendency to bleed is noted, a coat of white shellac, or aluminum and shellac mixed, may be used as a sealer before the upper coat is put on.

A few general rules to remember are to read and follow directions intelligently, to use good brushes and to inspect a finished piece quite thoroughly while it is still wet, since it is sometimes discovered too late, and it is a common fault, particularly invisible the edges of a flat surface. Work in sections and watch out for sags as you go along. The paintings mentioned here are all made for use indoors or on sheltered porches. For garden furniture which must withstand the elements, there are outdoor enamels.

New Conveniences For The House

(Continued from page 112)

There are no flames, no fumes, no smoke, no condensation. A hard, cold, smooth, metallic surface is the result when the surface is properly maintained. The hard, cold, smooth, metallic surface is the result when the surface is properly maintained.

For the house that's brightening up with fresh touches, or the summer home soon to be opened, Eleanor Beard has created many delightful new things—garden Quilts, bright little Pillows, siltan Coverlets, decorative Chaise covers. With their fine hand quilting done by skilled Kentucky needlewomen, these luxurious necessities combine old fashioned charm with smart, modern distinction.

The Eleanor Beard Applique Quilt, illustrated, is made of all untaffet gingham and laundered perfectly, 72" x 108". All colors, $32.50.

STUDIO "THE Chaumanns" HAIRINSEL BY.

NEW YORK PASADENA SAN FRANCISCO CHICAGO DETROIT SANTA BARBARA 605 41 69 671 356 24

Madow Ave - So Kilo Ave - E.utter Street - N. Michigan Blvd. - Bank Ridge - de la Guerra Studios

Revealed red cedar siding for houses, stained any desired hue, is now packed by the square (100 sq. ft.), trade marked for packing purposes. It is cut to order and is sold at about the same price as stained shingles per square. Sufficient stain for touching up is sent with each order.

Sanded on all sides, making it impervious to weather, the siding is attached with rust-proofed metal anchors which are claimed to hold each piece firmly to another, minimizing air openings, keeping the siding in proper position after laying and eliminating rust streaks.

The resultant wall is without visible surface nail holes, hammer scars or splits. There is no countersinking of nails, no spotters of nail holes. The anchor, we are told, has made the use of stained siding practical.

Each piece of siding is separately treated with pine oil stain, then brushed. Only the best grade of clear cedar is used. The siding is packed in these sizes: 3/4" by 6" and by 8"; 3/4" by 8" by 10" and by 12". Colors to match samples made without further charge. Anchors, 50¢ to the carton, are extra but reasonable.
The Antelope Rider

The fire of primitive art is given classic serenity in this rare vase. The forms are simple, vivid, eternal...born of the same art impulse as the rock-scratchings in pre-historic caves.

The colors themselves are of the wild tropics...old ivory, filched from the shoulders of marching black men...burnt orange, wrung from the flesh of sun-scorched fruits...deep black, dipped from the midnight waters of the Congo.

Here is a vase you will own throughout the years with an ever-growing appreciation of its mystic loveliness. The price is but a hundred dollars. The height is fourteen inches.

Rookwood pieces of enduring quality will be found at the following stores:


Rookwood Pottery
Cincinnati

Meet the HAPPY-GO-LUCKIES

It gives us great pleasure to present the twelve Happy-go-Luckies, the most amusing place cards that ever graced a sophisticated dinner table. Don't you like the way the cigarettes actually form part of the picture? Do you see that they make the legs of the little bathing girl below...and that a match makes her parasol stick?

How can you get them? You'll be pleased to know that there's one tucked in every flat fifties tin of your favorite cigarette...Luckies, of course.

Start now—and you won't be happy until you get a complete set of twelve.

"It's toasted"
Your Throat Protection—
against irritation—against cough

It's toasted
Your Throat Protection—
against irritation—against cough

This mark is on every piece.
3 Wonderful Aids

Bean slice—Turn the crank, and beans emerge thinly sliced. $2.00

Pea holder—Feed peas into roller, turn crank. $1.25

Bean sheer—Simply slide beans across the safety blade . . . $0.60

Rice Ball
In this ball, rice cooks to suit connoisseurs. Each grain becomes deliciously soft and flaky, and is drained fluffy dry when ball is lifted out and hung up. Of aluminum, 6 in. diameter. . . . $2.25

Luggage Rack
Holds bag or small trunk for packing—or tray for bedside breakfasts. Size closed, 23 1/2 x 22 inches. Mahogany, walnut, white or ivory finish. $7.00

Indispensable in the Guest Room

Kneeling Mat
Made in England of Chinese rubber, padded with waterproof bottom. $1.50

Towel or fork, 12 in. overall. . . . $1.95

Towel or fork, 20 in. overall. . . . $2.00

Dribbler, 13 in. overall. . . . $3.50

Tools of Sheffield steel with varnished ash handles.

Accordion Hanger
Keeps frocks or suits neatly in little space. Fastens with two screws to wall or door. Holds 20 hangers. Height, 3 in. Packed out to about 36 in. Close wrapped. . . . $2.25

All mead, nickel dipped.

Send check, money order, C. O. D. instructions, or charge account references.

House & Garden’s Bookshelf

OLD DOC LEMMON. By Robert S. Lemmon, Minneapolis: The Midwest Company.

OLD Doc Lemmon has been a monthly contributor to House & Garden for so many years that to make even a gesture toward introducing him to the readers of this magazine would be just about the height of presumption. Wherefore these paragraphs shall be but the light of impressions of his new book, which after all is equivalent to knowing the old personally.

I have just finished reading Old Doc Lemmon. With the poignancy of it still pervading me, I hardly know how to analyze it or what words to use in an attempt to convey a realization of its rare quality. The temptation is strong to say simply “Read it!” But that would be dodging the responsibilities of a reviewer. I shall have to try and be coherent.

If you can imagine a combination of Hewes and David Herriot, you have the concentrated essence of such a combination, rather—you will get a fairly good idea of what this little volume is like. But you can’t be called upon to run through it a thread of such vital humanness that when the final knot in the theme is tied it somehow tied to your own heart-strings. No one could say that it is just humor, or rustic philosophy, or description, or pathos, or satire, yet it has the qualities of all these. It is no more a collection of country essays than it is a biography of a pioneer American family, but both descriptions have their application. We defy you to classify Old Doc Lemmon, we challenge anyone with a spark of sincerity and human appreciation to fail to enjoy it.

Lest there be any misconception of the tenor of the book, let it be said that it is Old Doc Lemmon as the readers of House & Garden have come to know and love him, Dickey, viewpoint, range of comment, insight, descriptive power—the man himself, developed and rounded out with common human nature in contact with Mother Nature. A book that brings the tastes and smells and sounds and sights of the back-country and lays them in your hands.

A book that in itself is a perfect escape from the trivialities and warts and foolishities which so clutter most of our lives today—the sort of thing that you read and re-read, and then place where it will be handy to pick up at odd moments again and again.

These are high praise. Well, I should like to make them higher! If Old Doc Lemmons doesn’t prove more outstanding than even these lines suggest, the book might go from the reviewer at least should make a highly successful salesman.

—L. R. U.


In modern times there has been a strong trend of population toward the cities. This has been counteracted to some extent by a newly awakened interest in gardening and appreciation of the charm of life in suburbs that give relief from the congestion of large cities. Now there appears, in this volume by Mr. Dyer, an expression of the genuine contentment that it is possible to find in simple life on the farm. He seems to succeed in his effort to show that the happiest life in the world is on an American farm. Would that his story might be read, along with all that the governmental agricultural experiment stations and books on scientific farming are endeavoring to teach every young American who wishes to be an American farm. But it is nice reading for any one, for, while it is sincere it is not too serious in tone. Though the drudgery of chores and the other labors without which all real men and women can not respect themselves are not minimized there is genial and even gay philosophy and there are entertaining character sketches. At least the city man who reads will find some of that refreshment of spirit that is so lacking in today’s fast city life.

For we can not think that Hercules is the grip of the big city which catches hold of the child of the Earth to strangle him. If he only could resume contact with Mother Earth every time he is thrown he would not finally be strangled. But Mr. Dyer appears to collect the reader only to assure him that his helpmate, who also, strange to say, enjoys life on a farm, has her drudgery minimized by the many mechanical inventions within which the farmer’s wife used to slave.

—F. B. M.
The finest window screens « « « « you can buy

Rolscreens are typical of the luxury, beauty and alluring conveniences of the modern day.

Because Rolscreens are permanent—built in the windows to stay—they require no fall storing or spring re-hanging. This is a great saving of labor and expense, and no storage space for screens is needed.

Easily Rolscreens are rolled up out of sight and protected whenever the windows are closed, summer or winter. When it is desirable to open the windows during cold months Rolscreens may be lowered to protect costly draperies from smoky and soot covered sills.

The efficiency of Rolscreen manufacturing produces the finest window screens obtainable—and the prices are surprisingly low.

All good, proven products have imitators. Insist on the genuine trade marked Good Buildings Deserve Good Hardware

Illustrated Rolscreen Booklet mailed upon request.

If you are replacing your window screens, building or remodeling your home, you will be interested in the Rolscreen Booklet.

ROLSCREEN COMPANY
416 Main Street Pella, Iowa

Good Building Deserve Good Hardware

SUPREME SECURITY

To fasten and secure doors. To keep out those not entitled to enter. That is what locks are meant to do.

To do what locks are meant to do and do it quietly and supremely well over long periods of time. That is what Corbin cylinder locks—the product of 80 years' experience in lock-making—will do.

And they do more. For if you would like to be able to open all your locks with one key and still have individual keys for each lock, Corbin master-keyed cylinder locks will enable you to do so.

If you would like to know how and why Corbin cylinder locks give supreme security and ask our Department A.C.5 to send you our booklet K-106.

P. & F. CORBIN SINCE 1851
NEW BRITAIN CONN.
The American Hardware Corp., Successor
New York Chicago Philadelphia
This pattern of Salubra, created by the Wiener Werkstatte, is, of course, but one of the hundreds of beautiful patterns designed to harmonize with the various types of interiors—Period or Modern.

2,000

"Atmospheres"

No matter what Period, no matter what room, the right wall covering plays an important role in obtaining the right "atmosphere". With Salubra Wall Coverings, the skill of leading European designers and colorists is in your hands. You can bring out just the "feeling" you want for each individual room, knowing that for years the Salubra pattern which you select, no matter how delicate the tones, will remain just as bright and fresh as the day it was put on—for Salubra is absolutely FADELESS and can be readily washed by scrubbing with brush, soap and water. Salubra's 2,000 atmospheres include a wealth of original designs, patterns, tones and colorings—unlike any other wall covering. Salubra patterns in fine oil colors are applied on strong waterproof parchment paper—the equivalent of six coats of oil paint. Leading decorators can tell you about Salubra, or write us direct.


HOUGH SHADE CORPORATION
1025 S. Jackson St., Janesville, Wisconsin

Write for name of dealer in your town.

Art Stone Mantelpieces
In All Periods

JACOBSON MANTEL & ORNAMENT COMPANY
322 East 44th Street, New York

LOUIS GEIB ARTHUR P. WINDOLPH
CALVANIZED

and still the price is

only $78.50

F.O.B. FACTORY

YES, the Hp Waterboy now has a galvanized tank! And the price is only $78.50.

That's NEWS—important news. Its news because the Hp Waterboy with galvanized tank gives a still greater value than ever before—and it always has been the greatest value on the market.

What does the galvanized tank mean? We'll tell you. Galvanizing makes the tank last longer—much longer. In fact, it makes the tank last three times longer than the ordinary tank. That's something to think about.

And that isn't all. The Hp Waterboy tank is galvanized inside as well as outside. That prevents rusting. You can be sure you'll not get rusty water when you turn the faucet.

If you want the best at the lowest price, here's your opportunity. Compare the low price of the Hp Waterboy and the high quality. Compare point by point from the galvanized tank to the V-type belt and you'll see why the Hp Waterboy is the best there is. And you can get it, and the other Hp models for deep and shallow wells, on the easy General Motors payment plan. Mail coupon for details.

DELCO-LIGHT COMPANY, Dept. C-31, Rochester, N. Y.

MANY THOUGHTFUL home owners are looking ahead to next winter by installing an Iron Fireman Automatic Coal Burner now.

When another season of snow and ice rolls around they will have all the advantages of automatic heat. Iron Fireman, feeding coal to the furnace automatically, will take over the job of maintaining steady, even heat no matter what the weather changes outside. It will make the task of early morning fire kindling a memory. It will end, for all time, those many basement trips to feed the fire.

These Iron Fireman homes will not only experience the comfort and convenience of automatic heat, but they will have the satisfaction of reduced fuel bills. Iron Fireman burns the smaller, lower-priced sizes of coal. It produces better heat for less money—how much less is best shown by figures taken from a recent survey of Iron Fireman homes. Annual fuel cost savings in these homes averaged 45.61 per cent. In terms of money, these Iron Fireman owners reduced their yearly fuel bills an average of more than $90 per home!

Investigate Iron Fireman. It is easy to install, easy to operate, easy to pay for on the Iron Fireman finance plan. Don't go through another winter without automatic coal heat. Your Iron Fireman dealer will be glad to survey your heating system and submit an estimate. Literature will be furnished on request. Iron Fireman Manufacturing Company, Portland, Oregon. Branches in Cleveland - St. Louis - Chicago - New York. Dealers in principal cities of United States and Canada.

Iron Fireman Automatic Coal Burner...the machine that made coal an automatic fuel
INTERNATIONAL SCREENED CASEMENTS

INTERNATIONAL Metal Casements—both Custom-built and Cotswold—now are available equipped with Screens. Note the Solid Bronze Hardware which permits the casement to be opened and closed without removing the screen. Note also there are no holes nor slots in the screen, an important feature ensuring easier handling and longer screen life. No other screened casement possesses such advantages.

INTERNATIONAL CASEMENT CO
JAMESTOWN • NEW YORK
Agents in all principal cities.

Colonial Sidewalls for Colonial Homes

On this home in Cincinnati, Ohio, Architect Ward Franklin helped the proportions of its Colonial design with WEATHERBEST Stained Shingles in 24-in. Colonial White on Sidewalls. A wonderful contrast was realized in the use of WEATHERBEST Stained Shingles, stained Black on the Roof.

Send coupon for Sample Color Chart and Portfolio of full color photographures showing actual color combinations of WEATHERBEST Homes. Envelope the postage or coin to cover postage and handling. WEATHERBEST STAINED SHINGLE Co., Inc., 852 Island St., North Tonawanda, N. Y. Please—North Tonawanda—Cleveland—St. Paul. Distributing Warehouses in Leading Centers.

Cool Comfort

EQUIPPING your porch with Aerolux Shades is like adding an outdoor room to your home. Cool, inviting, secluded...a delightful rendezvous for afternoon bridge. Aerolux Shades ventilate from top to bottom. Admit softly diffused light, exclude sun glare and heat. Provide a new measure of porch privacy. Will not flap in wind. Weatherproof colors...in one tone, horizontal or vertical stripes. Easy to hang and adjust, durable, inexpensive...priced as low as $6.00 for a solid color 6' x 6' shade. Sold by better department and furniture stores. Free booklet, "Better Porches", on request.

THE AEROLUX COMPANY
3020 Oakland Ave., Waukesha, Wis.
STYLE
THE PROGRESSIVE SPIRIT
OF YOUTH AND AIRCRAFT
ARE FASHIONED INTO THE
FLEET FRANKLIN . . . . . .
Riding the crest of a new era of fast travel with an airplane-type engine, the brilliant Franklin also presents style subtly influenced by aviation. The grace of Franklin body contours suggests the fuselage of the airplane—long, slender, sleek. Lines and surface blend into an expression of fleetness.

The sparkling style of Franklin is a delight to moderns. With its trim appearance Franklin has caught the dynamic spirit of the sky and has earned the right to vogue leadership.

Owning a Franklin signifies progressiveness. For air-cooling has made possible some of the greatest advances in aviation—and in the new Franklin is responsible for the most powerful type of motor ever built.

Tested IN THE AIR, as well as on land, this remarkable airplane-type engine has all the endurance, stamina and flexibility of other airplane engines. Its eager power whisks you away at the slightest touch of the throttle. In the smoothness and comfort of its speed, it seems to spread out wings to carry you to new motoring experiences.

We invite you to see this smart Franklin—then to thrill to the AIRPLANE FEEL of its airplane power. Franklin Automobile Company, Syracuse, New York.
Beauty of roof that is enduring

Time or fire cannot destroy the charm of J-M Asbestos Shingles

Is the roof of your house growing dingy? Is it acquiring a seedy, threadbare look? Will it soon need costly repairs, which will only postpone the expense of complete replacement?

Such annoyances are unnecessary. Johns-Manville has solved the important problem of providing a roofing material which joins beauty with staying power—with strength and stamina.

Whether on a new house you may be planning, or laid over a worn and shabby material on your present home, a roof of J-M Asbestos Shingles will give enduring satisfaction. The same beauty of tint and texture, the same sturdy resistance to weather—the fine qualities which are in every J-M Asbestos Shingle today will be in full evidence for years to come.

Permanence and protection

J-M Asbestos Shingles are definitely planned for their job. They alone unite the features most desirable in a roof. Moulded from asbestos and cement under pressure, they are neither burned, nor injured by fire, nor harmed by weather or the passage of the years. They cannot rot, corrode or rust.

And with these practical values you have a choice from a remarkable variety of color effects. Distinctive J-M shades include Cotswold and Cornwall Blends, Mulberry, Blue-black, Green, Red and Grays. The new J-M Dutch Lap Shingles make it possible to obtain the desirable straight line roof effects at minimum cost. In short, J-M Asbestos Shingles are designed specifically to answer the demand for a roofing material ideal in every particular.

Any lumber or building supply dealer can furnish you J-M Asbestos Shingles. Ask the dealer for the J-M Registration Certificate which makes the authenticity of your roof a matter of record.

Send for your free copy of, "The New Book of Roofs." Its finely reproduced color illustrations and complete text will tell you a complete story about roofs which you will find invaluable whether you are building a new house or remodeling your present home.

Johns-Manville
ASBESTOS SHINGLES

The Johns-Manville trade-mark is also the stamp of quality on Asphalt Shingles, heat insulations of every variety, Packings, Asbestos Housel Pipe Insulation, and Acoustical Material used to control sound in offices, auditoriums, hospitals and other structures.
FLAVOURS FROM FRANCE • SWEDEN

ADDED atouch of color to the morning ritual andinsuring the finest qualityfor those who enjoy the niceties of life... "OLD BLEACH"

Pure Irish Linen Towels these days are doing more than their share to add to the morning smile...

BOOKLET: "The Story of Old Bleach Linens" will be gladly mailed upon receipt of ten cents to cover postage.

NEW DESIGNS AND COLORS...

Pure white and ivory damask bordered towels with hand-tinted floral motifs, new textured bathroom linens in soft, pastel tones and borders in colour to match the new bathroom tiles... peach, lavender, green, blue, gold... and all these delicate shades are absolutely proof against sunlight and launder perfectly...

"OLD BLEACH" LINEN

GIVE DRAFTLESS VENTILATION AND PERFECT LIGHT CONTROL
There are delightful salads that bring into use at the table the wood and silver—delightful in far more than their smartness watercress, or what you will in greens—tossed in the cool bowl a flavor and goodness that are truly unmatched. With a French Dressing made the instant before eating, have the mellowness of a pure vinegar. Such Olive Oil as French Dressing the smooth blandness of a Spain; the choicest fruit pressed on the spot for full-bodied bouquet!

HEINZ

SOME OF THE 57 VARIETIES:
- Heinz Distilled White Vinegar
- Heinz Imported Olive Oil
- Heinz Pure Cider Vinegar
- Heinz Pure Malt Vinegar
- Heinz Terragon Vinegar

As so many smart hostesses know, the Heinz label on any jar or bottle is the sure promise of flavor inside—flavor in its most joyous form.

Gardening's Renascence

(Continued from page 86)
Now you, too, can have Floors Your Friends Will Admire

Would you like to have lovely waxed floors—just like those in the most modern homes—in a few minutes—for a few cents? It is now possible with this new magic polish—Old English Wax. Old floors look like new and new floors stay like new; whether they are waxed, varnished, shellacked or painted. Because Old English Wax gives double wear as well as double lustre. Its rich polish lasts for weeks and protects floors against scratches, worn spots and children's carelessness.

Most high-grade prepared waxes are made by the blending of hard imported (Carnauba) wax and the softer, cheaper domestic waxes. Genuine Old English Wax sells for the same price as most prepared waxes, but it contains twice as much Carnauba wax. That is why it polishes twice as beautiful—wears twice as long—and is most economical. There's only one wax that gives floors a durable luster with no extra work. That is Old English Wax. At hardware, paint, drug, grocery, department stores, Made by The A. S. Boyle Co., Cincinnati, Ohio, U. S. A.

Old English Wax PASTE OR LIQUID POLISH

Does Your House Suit YOU?

Do you feel as though you lived in somebody else's house—the wrong entrance hall—the wrong dining room—the wrong windows that won't be fitted with the right curtains, ever.... Then you're already dreaming of your own house made just to suit you.... And you need House & Garden's Second Book of Houses.

It begins with House & Garden's Four Ideal Smaller Homes—plans, exteriors, decorating, furnishing, landscaping all complete. The Georgian House—15 pages of graceful distinction. The Spanish House—14 pages of gayety and sun. The English House—13 pages of solid comfort. The French House—16 pages of imagination and charm. Each is complete to the last chair, and none costs over $20,000!

Then there are 48 pages on construction as applied to any house. Sixty more homes, small, medium and large. Pages about log cabins, garages, driveways and turn-arounds. Lists of architects who have done little things in the grand manner. Lists of catalogues you may have free.

The price of all this? $4. The cost of a mere cushion—a mediocre vase! 192 pages. 600 illustrations. Send for it today!

House & Garden's
Second Book of Houses
$4 net

House & Garden

GRAYBAR BLDG., NEW YORK, N. Y.
FRANCE

the moment you cross "the longest gangplank in the world"

NAME like a star, a name like light... brilliance, gayety, sophistication, the elegance of the ancien régime, the chic of the moment's mode, the artistry that turns a market-place into a pageant, a bit of silk into a creation, food into something fit for gods, a smile and a shrug into a whole philosophy of life...

France! Every French Line ship is France herself, complete to the smallest detail, and manned by Breton seamen whose ancestors tamed the Atlantic before Columbus... passengers become part of its scintillant background... sparkling, vital, dancing its vivid way between the three great world capitals on board the "Ile de France," "Paris," or "France."

Five and a half days to Plymouth, England

From the heart of Manhattan across "thelongest gangplank in the world," a waiting express for London, a few hours later the covered pier at Havre, three-hour express to Paris... Cabin liners, the "Lafayette," the "De Grasse" and the "Rochambeau," slightly slower, equally gay, make economy smart.

Of Small Rock Gardens

(Continued from page 117)

ill-formed and carelessly assembled stones. If possible they should be mainly of one character—sandstone, limestone or whatever is available. The rounded field boulder is the poorest type of stone to use, for it makes stable construction almost impossible and where considerable use is made of this type there is great difficulty in making the rock garden appear like anything but a pile of unrelated stones.

There is not space in a short article to go fully into methods of construction; in any case this is a problem that every builder must work out for himself, for no two situations call for the same treatment. My intention here is to call attention to some of the small and lovely things that should be housed in a rock garden of limited area.

Only such plants and shrubs and bulbs as are in scale with such setting should be made use of, and there should be a further clause in their permit of admissión to the effect that they must not be over-zealous in the matter of reproducing their kind, or grazing where a neighbor's territory is concerned. Unrestricted self-sowing makes endless conflagration and labor for the owner with limited time, and certain mighty stalwarts of the plant world would speedily take the whole little landscape for their own, without so much as a by-your-leave, making existence extremely unsafe for the many small delightful alpines and other diminutive plants that should be growing there. In the small rock garden the names of Ajuga, Euphorbia, Cerastium, Acaena, Lysimachia, Nepeta, Lamium and numerous others should not be so much as whispered. Useful as they are in many situations, they have no place in the rock garden where space is a consideration. Nor do we need them, for the world is rich in small enchantments that will clothe our hills and hollows in a garment of the greatest interest and beauty.

In the first instance we shall need a few tiny shrubs to lend plausibility to our miniature landscape. Since the enactment of Quarantine 37 naturally dwarf-growing conifers have become exceedingly scarce in this country and are undoubtedly becoming scarcer with every year that passes, as well as more expensive. We may therefore be under the necessity of resorting to the dubious practice of making use of small specimens of naturally larger growing varieties and replacing them with...
Deep-set Casements
...decorate this Normandy style home

Designed by Architect W.M. B. BETTS
Decorations suggested by MARSHALL FIELD & CO.

Try to imagine the picture below without the striking Fenestra "Fencraft" Casements that bring a blaze of sunlight to this Normandy living room... without the characteristic little casements low under the sloping ceiling. How much of its distinction it would lose!

For it is in the casements that architect William B. Betts, of Chicago, and Marshall Field & Company, have caught the authentic spirit of a rambling chateau of Northern France. Deep-set, accented with glowing bits of leaded glass, draped with straight folds of pomegranate-colored velvet, these casements are a vital part of the exterior design and interior decoration.

In complete harmony with any style of period architecture, these ultra-modern windows of steel provide unprecedented practical advantages as well: life-long ease of operation; outside washing from within the room; weathertightness superior to that of most commonplace windows fitted with good weatherstrips; added daylight and better ventilation; easy shading and draping; fire-safety; economy.

And now—A Casement Complete with Permanent, Bronze Screen

Fenestra craftsmen have developed the first complete screened casement—provided it with a screen of heavy bronze mesh, which fits against the flat window frame on the inside, making the window permanently insect-proof. The unique design of hardware permits opening, closing and secure locking of casement without touching the screen.

Detroit Steel Products Company
2249 East Grand Blvd.,
Detroit, Michigan

Gentlemen:
Please send me without cost or obligation: "Decorating with Casements" containing many beautiful color plates

My Name: ____________________________

Street: ______________________________

City: __________________ State: __________
A GARDEN HOSE SO FINE

that 10 or 20 years need not end its usefulness!

With anything like normal use the Goodyear Emerald Cord Hose which you get today will still be sprinkling for you 10 years from now. And very likely, if given good care, 1950 will find it staunch and trim.

Emerald Cord Hose is the finest lawn and garden hose which Goodyear engineers could design working without cost restrictions. They planned a hose so supremely good that superiority in wear, usefulness, and appearance would be unparalleled. Now such a hose is offered you.

The case is made of strong, thick rubber. Heavy flat ribs reinforce it and guard the hose from damage. These ribs help also to keep the hose kinkless. "Double-double" cord for extreme durability is braided within the hose body.

The color of Emerald Cord Hose is gallant token of its excellence. It is GREEN—the color which matches the natural greenery of lawns and gardens. Emerald Cord never obtrudes. It has fine appearance always.

The cost is only a little more than ordinary hose, but the splendid service Emerald Cord will give you makes the slight difference a genuine economy. Ask for it by name—Goodyear Emerald Cord Hose. In 5-8", 3-4" and 1" capacities. Lengths up to 500 feet.

Copyright 1930 by The Goodyear Tire & Rubber Co., Inc.
AN Anchor Fence protected property bespeaks pride of ownership. It expresses to the outside world that within its boundaries there exists that which someone holds worthy of only the most effective and enduring protection.

At the gateway an attractive Anchor Ornamental Gate can be placed as an inviting and welcoming gesture to friends. It is a pleasant gesture to friends—a forbidding gesture to trespassers.

The simplicity of design make Anchor Fences a fitting frame for even the most beautiful of properties. Both Anchor Chain Link Fences and Anchor Weld Iron Fences blend harmoniously with every type of architectural design and landscaping.

Consult the nearest Anchor Fencing Specialist. He will be glad to advise you how to enjoy the comforts of privacy and exclusion that Anchor Protection provides. Further, the Anchor Fencing Service relieves you of all responsibility from plan to finish. Just write or call the nearest local office.

ANCHOR POST FENCE COMPANY
Eastern Avenue and Kane Street, Baltimore, Maryland

An Unclimbable Anchor Chain Link Fence
Mums and Delphiniums

Two grand garden favorites that should be in every perennial bed. Delphiniums, in blues to match the changing summer skies—a wealth of tall graceful spikes thru all the summer months. Chrysanthemums have never grown hardy chrysanthemums, a sign of the times that we are glad to see. It's always been such a good-hearted, willing, cheerful flower that it never deserves the comparative neglect by the more sophisticated gardeners which has been its lot for some years.

Part of this renewed popularity, no doubt, is due to improvements which the plant breeders have made in the size and color of Chrysanthemum blossoms. There are now available climbing strains with flowers three inches in diameter and leaves twice that size. The dwarfs, too, are gayer and more prolific than ever.

Chrysanthemums need little in the way of care. They actually prefer poor rather than rich soil, one wonders where the other gathering together to make such prodigious growth and so great a profusion of bloom.

Totty's Mums and Delphiniums are strong, sturdy stock, field grown. They will thrive in any good garden soil, require a minimum of care and attention, and will repay you handsomely in a wealth of blooms.

DELPHINIUMS

Totty's Delphiniums are the pride of fanciers everywhere. This year they have reached a new peak of perfection. Five types not named but selected in shades of light blue, dark blue and mauve are priced at $1.00 each, $10 per dozen.

"Run of the field," strong clumps, hand marked as to type or color 50c each, $5.00 per dozen, $35.00 per 100.

CHRYSANTHEMUMS

Most standard varieties, as pictured above are priced at $50c per plant, $3.00 per dozen, $20 per 100. We have prepared a special collection for the benefit of those customers who have never grown hardy chrysanthemums and therefore are not familiar enough with the different types to know definitely what to order. This assortment comprises an equal number of each type, all entirely satisfactory and all shades of color. We will send our own selection of 100 assorted plants $15.

Totty's

Send to-day for the New 1930 Catalog of ROSES . . . .

The Garden Scrap Book

NASTURTIUMS. There seems to be a decided increase of interest in the faithful old Nasturtium, a sign of the times that we are glad to see. It's always been such a good-hearted, willing, cheerful flower that it never deserves the comparative neglect by the more sophisticated gardeners which has been its lot for some years.

Part of this renewed popularity, we doubt, is due to improvements which the plant breeders have made in the size and color of Nasturtium blossoms. There are now available climbing strains with flowers three inches in diameter and leaves twice that size. The dwarfs, too, are gayer and more prolific than ever.

Nasturtiums need little in the way of care. They are actually poor rather than rich soil, one wonders where the other gathering together to make such prodigious growth and so great a profusion of bloom.

LAWNMOWER CARE. With the beginning of the open season for grass-cutting the lawnmower enters upon a life of strenuousness which must tax its spirit to the utmost. Not only is it hustled hither and yon every few days, but it not infrequently is forced to chop up sticks, pebbles and all kinds of lawn litter which aren't in the least digestible.

We would plead, therefore, for a trifle of consideration for lawnmowers. After all, they're neither stone crushers nor steam terrors—and they do work hard, at best. They deserve to have dangerous obstacles cleared from their path, and thorough cleaning before they're set to work. Also, it will help to keep up their courage if they are not used when the grass is wet and are decently housed in a dry place instead of being left out in the rain. No lawnmower ever objected to having grass clippings cleared out of its working parts before being put away for a rest.

LAUREL PLANTING. There is a nurseryman's saying to the effect that Laurel should be planted on May 10th, quite as if it were an anniversary of something or other.

As a rule to be followed in spirit if not in letter, this is a good one and soundly based upon experience as far as the Middle Atlantic States are concerned. Laurel bushes set out just as their new growth is starting have the best chance of success, their worst is in autumn when both top-growth and roots are in a dormant condition.

We already have Arbor Day and Memorial Day and a lot of other Days. Why not add one more—May 10th, Laurel Day? Quite seriously, it would be worth while, for the Laurel is our most glorious native flowering shrub. When you get it, be sure and get nursery-grown stock only—both because it is better rooted and formed than "self-sown" plants, and because the wild bushes need all the conserva tion we can give them.

DAHLIA BACKGROUND. The development of the Dahlia is chiefly to the influence of cultivation and feeding. Strangely enough, it is closely related to one of the commonest weeds over a great stretch of the United States, the Bogbean's Tick. Devil's Pitchfork, and other local names for Bidens whose golden blossoms spread over waste prairie and wander into the fields in the fall and form a tall form of which covers the clothing with its two-pronged seeds when one gets close to it in the autumn. It is also closely related to the Chrysanthemum and Cosmos, the four genera seeming to merge one into the other.

The original Mexican plant was Dahlia cartiloba, a single type but very variable as to form and color in its native state. There is some question whether all cultivated forms are not merely variants of this type, the one other distinct form that has had great influence being the Cactus Dahlia, Dahlia aurantiaca, which some botanists argue is merely a Form of Dahlia cartiloba.

It has a comparatively modern plant, the first distinct branch from which we have all our various forms coming in 1914. The Dahlia was taken to Europe and introduced into cultivation the year Washington became President, 1794. It began its first year under cultivation but the doubling was not completed for twenty-five years. In 1841 one dealer in England listed 1,200 varieties.

AMMONIUM SULPHATE. Among the quick-acting lawn fertilizers a place of honor should be given to ammonium sulphate, whose nitrogen is readily available and especially valuable as a stimulant in early spring. Besides its usefulness as food for the grass, this chemical is also encouraging to many of the weeds which too frequently make the maintenance of a good lawn a rather discouraging undertaking.

For spring use, three pounds to each 1,000 square feet of lawn is generally about right. More than this may burn the grass, this chemical is also discouraging to many of the weeds which too frequently make the maintenance of a good lawn a rather discouraging undertaking.

There are two ways to do it, fertilizing and cultivation. Cultivation from the start makes the work easy. It is when the grass is left until the weeds get a good start all over it that cultivation becomes a real task.

The methodical gardener will divide the garden into sections and take care of one at a time and then another. In this manner it is a light daily task and the vegetables respond quickly.

The balanced fertilizers sold by seed houses are a real boon to the gardener because they are so easy to handle. It is a simple matter to sprinkle the powder along the rows of plants and then gently hoe it or water it in.

The balanced fertilizers sold by seed houses are a real boon to the gardener because they are so easy to handle. It is a simple matter to sprinkle the powder along the rows of plants and then gently hoe it or water it in.
June Gardens at Attractive Prices

These stately flowers, symbol of purity and devotion, whose royal grace and aristocratic whiteness give a supreme distinction to any garden, are especially alluring against a background of blue Delphiniums.

Our bulbs are selected from the choicest collection in France—storks 4 to 5 feet tall, often 10 to 15 magnificent blooms on a single stem.

At these low import prices bulbs must be ordered now. They will be delivered to you ready for planting next September.

Import Prices

Jumbo Size—Extremely large mixed bulbs for unusual results, simply limited. 6s each; $6.00 a dozen.

Regular Mammoth Bulbs $1.50 a dozen $25.00 per hundred

S. L. IO a [lozit

*Regal Lilies— at Half Their Real Value

Regal lilies follow the Madonna lilies in their blooming period. From the in six differen' sizes, enormous blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with blooms with bloo

*Remarkable Savings— If You Order NOW!

*(No money with order— pay on delivery in September)*

These prices good until July 1st— NO LATER

The great Holland bulb growers are ready NOW to make important price concessions for immediate orders. Add your order to our own large import orders and we can get for you not only the advantage of 20% higher prices for highest quality (prices far below those that will obtain next Fall) but we can have your orders packed for you, in Holland, saving you extra packing cost, reducing freight, handling, and import charges to a minimum and guarantee to you the pick of the new crop. The biggest and finest bulbs grown in Holland.

*A Word to the Wise

This year—more than ever—buy early

Max Schling Seedsmen, Inc.
Madison Ave, at 59th Street
New York City

Gentlemen—Please enter my order for bulbs checked on enclosed list for which I agree to pay at these special import prices when order arrives, about September 28, 1930.

[Enclosed list of orders]

I am asking for 5% cash discount and endorse full payment in advance.

Name ____________________________
Address ____________________________

Ne Deposit required. Pay on delivery in September, but if you wish, a CASH DISCOUNT OF 5% may be deducted from prices if you pay cash with order.

In addition to our usual price of $1.50 a dozen for Jumbo Size, we now offer our Mammoth Bulbs at $1.00 a dozen, the same price as the Jumbo Size, 20% larger in size and in all varieties.

**SCHLING'S "SPECIAL" BORDER COLLECTION (As illustrated above from right to left)**

<table>
<thead>
<tr>
<th>Varieties</th>
<th>Import Collection Prices</th>
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<tbody>
<tr>
<td>Centaurea—Rich violet rose with large blue eye, orange flavor of perfect shape. A magnificent Tulip</td>
<td>7.50</td>
</tr>
<tr>
<td>Phoebus—A velvety rose, drop-shaped. A stately tulip of beautiful form</td>
<td>8.00</td>
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<tr>
<td>Re. E. Fassner—A lovely heliotrope with double flowers.</td>
<td>3.00</td>
</tr>
<tr>
<td>Princess Elizabeth—A beautiful rose with bright edges. A lovely spring scarlet shade.</td>
<td>3.00</td>
</tr>
<tr>
<td>Prime of the Netherlands—Cotswold gold, drooping with rose lady, in a mass of airy flowers.</td>
<td>3.00</td>
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**Don't Miss this Extraordinary Offer!**

100 DARWIN TULIPS $3.00

Choice: First size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at the ordinary field-grown mixture usually sold. A $6.00 value for only $3.00.

Send for our Import Bulb List

167

**Daffodils and Narcissi!**

For Naturalizing and Lawn Planting

Our Old Dutch Collection in choicest mixtures of sizes and medium Triumphs, short criped and liberty Pure, varieties. All field bulbs, grown in Holland, where they have flourished since Colonial days. These bulbs, being native, are fully naturalized and once better can be grown anywhere. The bulbs will not sell for the demand. Order early.

<table>
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<th>Bulbs</th>
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**3 MAGNIFICENT DAFFODILS**

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**Lovely Spring Beauties—the Following 8 Named Varieties—25 bulbs of each**

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**SCHLING'S BULBS**

Glorious Collections

Each a Wonderful Value— If You Order NOW!

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<tr>
<td>Green in 3 named varieties</td>
<td>$0.50</td>
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**Sensational Novelty!**

Mammoth Fringed Tulip "Sunbeam"— First of Its Kind!

A gorgeous cup of glowing crimson upflipt on a tall stately stem. In size and shape a true Darwin—but whose petals are beautifully fringed and laced at the outer edges presenting a very charming and novel appearance either in bed or vase. Not since the introduction of Fantinly has such a striking novelty been offered to the tulip cultivator.

Don't Miss this Extraordinary Offer!

100 DARWIN TULIPS $3.00

Choice: First size bulbs, sure to bloom. Schling's Special Mixture made up especially for us from ten of the finest named varieties—not at the ordinary field-grown mixture usually sold. A $6.00 value for only $3.00.

Send for our Import Bulb List

200 Heralds of Spring $600

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in lies its chief limitation: its flowers are imperfect. Therefore it must be planted near a perfect flowering variety that blooms at the same time or it will produce little if any fruit and much of this mishapen. Where the varieties previously discussed are grown near by in the same garden it may be planted with confidence that its flowers will be pollinated and thus produce well formed fruit of normal size and quality.

Of the above list my own choice of three varieties to cover the longest possible season with exceptionally fine fruit for any home table would be Premier, Big Joe and William Belt. To these, if I could spare the space, I would add the others discussed. I might then include one or more of the following kinds, though I would take into consideration their limitations and order only say twenty-five of a kind to make a test.

ADDITIONAL Sorts

McAlpin is said to be a very vigorous grower but I have never found it so. This however, may be because the plants were grown on heavy clay soil. They were small, had short roots and suffered so much every year from dry weather that they produced little fruit. In quality this was excellent though only of medium size.

Doctor Burrill with me produced quantities of plants but little fruit and that rather small though of good quality. This variety is either identical with Senator Dunlap or so much like it that there is no reason for growing it and paying the higher price that some nurserymen charge. Other nurserymen price the plants equally and at least one places the names of each in parenthesis after the other in his descriptive list!

Until I grew Chospeake, Big Late and William Belt I pinned my faith to the Gandy, a high quality late kind, which is still largely grown by people who do not know of the more prolific varieties I have mentioned. The Gandy does well on heavy clay land but fails badly on light soils.

As to canning and preserving, Premier, Chospeake and Senator Dunlap are largely grown commercially. My own choice among these would be Premier. For this reason I would increase the area devoted to it if I planned to do more than casual canning and preserving.

Though I am a strong advocate of testing new kinds I feel that it is time enough to try them after they have passed the rigid tests which the leading Strawberry specialist nurserymen subject them to. One of these companies from whom I have bought most of my plants for many years writes me in substance as follows:

"We have endeavored to make our catalog absolutely frank in our criticisms of varieties. Among the tremendous number of new kinds introduced during the last few years some are good, others have apparently no merit except that they are new. We endeavor to get hold of new and better varieties but we feel that if they are not better in at least one important respect, they should never be introduced. We try to get our list down rather than up. We believe that we can still further reduce it with advantage to all concerned." This company's 1929 catalog listed only thirty-one kinds, including only two of the everbearing class.

Two of the outstanding advantages of growing the everbearing kinds in the home garden are that if the plants are set in early spring to begin bearing during the same season, and if they are properly managed they will continue to ripen fruit until late in the autumn, even until snowfall. Under favorable conditions individual plants will often produce a total of a quart of fruit during the season. They are as easy to grow as the "regular" kinds but in order to have them yield well they must have plenty of moisture in the soil. To insure the greatest possible yield it is advisable to cut off all blossoms that form up to mid-July so as to strengthen the plants as much as possible for late summer and autumn fruiting.

Unlike most of the regular kinds the everbearing varieties tend to form stools or hills instead of making runners. From the home garden standpoint this is a great advantage because it assures larger crops of larger berries than where suckers are numerous. It also makes for ease of cultivation.

My experience with the everbearing varieties leads me to believe that though a bed of regular varieties may be allowed to produce two crops or even three in the home garden without renewal, the everbearing kinds will prove disappointing unless a new bed is planted each spring. Presumably this is because the plants exhaust themselves bearing fruit late in the growing season and have no chance to recuperate.

FIRST EVERBEARERS

The first everbearing varieties introduced were small berries and bore sparsely. More recent introductions are great improvements. Among these are Progressive (synonymous with Champlain) and Mastodon. The former, which generally makes a fair number of runners, bears quantities of excellent quality berries but of only medium size. The latter outranks it both in size of berry and abundance of yield, but the berries are not quite so delicious to eat out of hand, though with sugar and cream they are by no means to be despised. The plants are strong growing—larger than Progressive. On the whole Mastodon is the best all-around everbearing variety yet introduced, though some new kinds are under test that promise even greater achievements.

During recent years the United States Department of Agriculture has originated several varieties which are now being tested experimentally in many parts of the country. Some of these have proved more sturdy and prolific than standard kinds grown under identical conditions. So far they are known only by number. Two that have already attracted great attention are an everbearing variety, Number 836, which bears exceptionally fine berries of large size, and Number 652, which is said to be especially adapted for canning and preserving. Several others are likely to be reported upon within

Worthy Strawberry Kinds (Continued from page 107)
Above. "Twin-Thirty" motor lawn mower and roller. Mows and rolls simultaneously 6 to 8 acres a day on one gallon of gasoline. Riding sulky may be had as extra equipment.

New motor lawn mowers that will win and hold your enthusiasm

Through the medium of their new motor lawn mowers, the Coldwell Company has provided lawn owners as well as superintendents of private estates, public parks, etc., with the latest and greatest creations of their long manufacturing experience.

In Coldwell motor lawn mowers and rollers, advanced engineering and superfine materials have resulted in machines of unusual dependability and outstanding performance. The better you know power driven machines, the more enthusiastic you'll be when you see these Coldwell lawn mowers at work on your grounds.

Equipped with twin-cylinder motors, they deliver abundant power—adequate to every emergency—the roughest going or steepest grades. Of sturdy construction throughout, Coldwell motor mowers give long years of trouble-free service under every condition of usage. Mow and roll simultaneously. They run, steer and stop to just about perfection. Simple and economical in operation. Reasonable in price.

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

In Canada—Taylor-Forbes Co., Ltd., Guelph

Manufacturers of DEPENDABLE Lawn Mowers—HAND, HORSE, GASOLINE, ELECTRIC
TO HEIGHTEN THE GLORY OF SUMMER FLOWERS!

Whether your garden be formal or conventional, we can supply you with appropriate garden furniture to enhance its charm.

Not only can you choose from many charming pieces shown in the catalog, but you may also avail yourself of the facilities of our designers. Thus you may obtain garden houses, pergolas, rose arbors, garden enclosures, trellises, etc., in perfect accord with the balance of any landscape plan you have.

Hartmann-Sanders garden equipment comes to you painted one coat and ready to assemble. No fuss. No chance to go wrong.

A BOOKLET OF PERGOLAS AND GARDEN HOUSES WILL BE SENT UPON REQUEST

Hartmann-Sanders has published a large, profusely illustrated booklet which offers countless suggestions to those who seek distinction in their home surroundings. It shows page after page of beautiful pergolas, garden houses, ornamental fences, garden entrances, seats, rose arbors, trellises, columns and garden accessories of all kinds. For the booklet, send 30 cents to HARTMANN-SANDERS CO.

Factory and Showroom: 2165 Elston Avenue, Chicago
Eastern Office and Showroom, Dept. P., 6 East 39th Street, New York City

HARTMANN-SANDERS

PERGOLAS COLONIAL ENTRANCES KOLL COLUMNS ROSE ARBORS GARDEN EQUIPMENT

For the Rose Garden Beginner

(Continued from page 105)

these are available in quantities, Queen Rose will dominate in a vast territory where she is now but the petted child of a few initiated experts. Until this comes to pass—and it will not be long now—if the beginner had better limit his selection to the old hardy strains if he wants to obtain permanent results and lasting joy.

HYBRID PERPETUALS

Hybrid Perpetuals originated about a hundred years ago from crosses between various strains of Centifolia (the Hundred-petaled Rose) and Damask Roses, for centuries cultivated in Europe, and the then recently imported Chinese everblooming Bengal and Tea Roses. The Hybrid Perpetuals are hardly anywhere in the Continental United States. While the qualification "Perpetual" is unique in this class of a mere title of courtesy, others are freely recurrent. In regions where the growing season is short, the first blooming comes late and the first frosts early so that there is hardly time to expect a second crop of blooms; some of these non-perpetual "perpetuals" are so beautiful in their northern outdoor quarters that they should be used freely. However, the more recent Hybrid Perpetuals have been greatly improved; most of them are truly perpetual and some dwarf enough for bedding in lieu of Hybrid Teas, and because of their dwarf habit are generally classed as such.

The following varieties are recurrent:

Tall Varieties. Although naturally tall growing, pruning can maintain these at any height desired:

Anna de Diesbach—Carmine pink, blooms some in autumn.

Carmen F. Meyer—Has some Rugosa blood but practically a Hybrid Perpetual in the bloom and foliage. Light pink, Intermittent bloomer.

Frau Karl Druschki—White, very recurrent.

George Arenal—Silvery pink, actually perpetual.

Hansich Macht—Massive bloom, soft pink, fairly recurrent.

Henry Begg—The most perfect H. P. deep maroon, very fragrant, almost a perfect semi- perpetual, perfume exquisite. A gem!

Rembrandt—A most artistic though giant bud, flesh red pink.

Tiara—Kordesia—Rugosa by name only, a true H. P. silvery pink with yellow markings at base of petals. Almost a continuous bloomer with strong perfume.

Medio Double Varieties:

Alfred Coombe—Crimson; when once going, blooms freely in the fall.

American Beauty—Dark pink, needs no introduction, very free bloomer.

Commandant Jules Gravereaux—A splendid variety, deep red. Almost continuous.

Duchess of Sutherland—For a long time classed as Hybrid Tea; blooms of its long pointed and graceful bud. Silvery pink, Recommended.

Duchess of Rohan—New strain, blooms freely as the White Druschi. Crimson. Strong old Rose perfume.

Glorie de Chabris Buisson—One of the best reds. Free bloomer, fine foliage.

John Russell—Crimson. Was originally classed as Hybrid Tea. Fair repeater.

Julia Margarita—Carmine pink. An old variety but always considered one of the best. Old plants bloom freely.

Magda Chaus—Pink. Blooms but once, but what a glory!

Mrs. Albert Barlow—The nearest approach to yellow. Continuous bloomer, splendid.

Mrs. John Long—Pink. Quite a profuse bloomer.

Paul Neyron—Pink. Often referred to as the largest Rose known. Intermittent bloomer.

President Brandis—New. Light pink, frequent bloomer.

Roger Lambdin—A curious Rose, crimson maroon with a white margin around the petals.

Rose à parfum de Phay—Crimson, continuous bloomer, very perfumed. Has a distinct strain of Rugosa.

S. M. Grandee I—I. Pink, as prolific as a Hybrid Tea. First class variety.


Ulrich Brunner—Vivid red. Blooms but once, but is worth having.

Lush Growing Varieties. Many of these are such free bloomers that they are generally catalogued as Hybrid Teas. But they have retained the winter hardiness of their Hybrid Perpetual progenitors.

Celt. Christy—Pinkish red.

H. F. Machine—Large flower, crimson.

Lady Alice Stanley—Two tone pink, light inside, dark outside.

Mary Countess of Heber—Solid pink, perfectly formed bloom. (new)

Mrs. W. C. Miller—Very large, peony type, light pink, most prolific bloomer.

Nancy Borisov—A dwarf white Druschi.


The General—Brilliant dark red, very perfumed.

The Bengal Rose is really a Chinese Rose, but at the time of its discovery the only access to China was through the province of Bengale in Northeastern India. It belongs to the Indica sempervirens (everblooming) division of the Chinensis group. The main characters are continuity of bloom and extreme hardiness. The Bengal Rose was upon a time a prominent and numerous class of garden Roses, but the type has gradually been absorbed by the ubiquitous and now meaning less term Hybrid Tea. The following varieties will thrive safely and healthily practically anywhere, and where there is no frost to cut down the garden activity they will be on duty the twelve months of the year. Average growth for bedding purposes.

Cornelia de Cayla—Coppery orange, Cornelia Superior—Velvety crimson, an old favorite in the South, one of the ancestors of Gruss an Teplitz. From Dr. Schreiber, a most beautiful bedding Rose, profuse bloomer, with old Rose perfume, color old rose pink. An excellent holder. May not be available till Fall.

(Continued on page 176)
Let DUBOIS make your house a HOME!

AMAZING how a few feet of Dubois can give instant seclusion; can shut out the thronging, noisy motor traffic and make a livable private garden out of your front lawn.

Shielded from public view by Dubois, you can at last call your grounds your own, for your own enjoyment and for the safe romping of your children. It enhances the value as well as the beauty of your property.

DUBOIS

THE ORIGINAL

Woven Wood Fence
Made in France

DUBOIS

Deters Trespassing
An open lawn today is an invitation to any passerby who may be tempted to destroy your plantings.

Your lawn with its flower beds can be so easily and inexpensively transformed into a delightful outdoor room, by erecting a few sections of Dubois to give perfect privacy.

Now is the time to prepare against this year’s growing traffic problems. Send today for beautiful Dubois booklet, with its many illustrations, full descriptions, and prices. Simply mail coupon at right.

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101 Park Ave. Lexington 2404 New York

DON’T SAY “FENCE”—SAY DUBOIS

By specifying Dubois by name, you are certain of obtaining the original woven wood fence; the only fence of this type that has been made and imported from France for a long enough period to prove its remarkable qualities of long wear, without need of painting or other upkeep expense. Dubois is made by hand in France, of live-cut Chestnut saplings. Aged and heat-treated by special process to prevent warping. It is bound with rust-proof Copperweld wire and comes in 5-foot sections and in 5 heights, from 3’ 10” to 10’, ready to erect.

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Please send me your free illustrated booklet with prices of Dubois. I am interested in using it for:

- boundary
- laundry yard
- screen
- garden

NAME: ____________________________
ADDRESS: ________________________
Approximate number of feet needed: ________
On public or private lawns regardless of size the Cooper Power Mower will prove efficient and economical, doing the work of two men with hand machines and combining perfect cutting and tuff rolling in the one operation. The 4-cycle Briggs & Stratton gasoline motor provides ample power to propel the mower up steep terraces with ease, and easily around trees, shrubbery or flower beds. The mower is equipped with a single unit roller and bed plate which can be quickly removed for frequent lubrication. Seven to ten acres per day. Grease ports are described here. Complete Information gladly furnished upon request.

**Golf Green Beauty for Your Lawn**

Cooper Power Mowers are made in two popular sizes... 20 and 27 inch. With the 27 inch mower and riding sulky shown below one man can cut and roll from seven to ten acres per day. Grooved packed gears and the use of ball and roller bearings throughout, eliminate frequent lubrication.

Unlike many power mowers, the Cooper Mower is equipped with a single unit reel and bed plate which can be quickly removed without disconnecting other mower parts. Individual clutches with finger tip control operate the five-blade reel and traction roller independently of each other. The reel is chain driven and can be reversed for self-sharpening. The corrugated roller is made in three sections with differential action and is equipped with disappearing traction lugs. Body and frame are constructed of fabricated steel which provides maximum strength with minimum weight. Grass catcher can be easily attached to any Cooper mower.

**COOPER MANUFACTURING CO.**

529 S. First Ave. Marshalltown, Iowa

Gentlemen: Please send your new booklet "Golf Green Beauty for Your Lawn" to

Name ____________________________

Address __________________________

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State ____________________________

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**Of Small Rock Gardens**

(Continued from page 164)

others when they have outgrown their quarters. But this should be a last resort. Diligent search will undoubtedly yield a few of the normally dwarf-growing kinds. Among these none is finer than *Picea glauca conica*, with its narrow, compact growth, or *Juniperus communis, pyramidal habit of the foregoing are the two squat little Spruces, *Picea excelsa*, *P. pungens* and *P. mertensiana*. Small specimens of the Shin Juniper, *Juniperus sabina*, may also be made use of. These will provide a sufficient variety for a small rock garden in the way of narrow-leaved evergreens. Of other little shrubs we shall want a few, however, and here is a list from which choice may be made of which to be had in this country:

- *Eria cornea* (Winter Heath)
- *Genista dalmatiana*, *Marrubium vulgare*, *Daphne odorata*, *Kalmia polifolia* montana
- *Dyera scabra*, *Picea glauca conica*
- *Juniperus communis* pyramidal habit of the foregoing are the two squat little Spruces, *Picea excelsa*, *P. pungens* and *P. mertensiana*. Small specimens of the Shin Juniper, *Juniperus sabina*, may also be made use of. These will provide a sufficient variety for a small rock garden in the way of narrow-leaved evergreens. Of other little shrubs we shall want a few, however, and here is a list from which choice may be made of which to be had in this country:

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- *Dyera scabra*, *Picea glauca conica*.

Almost every plant family number one or two diminutive species among its members. And it is from the ranks of these that the owner of a small rock garden should make his selections. The Astilbes are a case in point. We think of them as a rule as rather large herbaceous plants appropriate for the borders or waterside. But there is a delightful small member of this family that is surprisingly little known. This is *Astilbe simplicifolia*, which Reginald Farrer called "a gift of the gods from Japan." It is a perfect replica of a miniature one, of the well known tall-growing kinds. It makes a tuft of beautiful dark, glossy, divided leaves from the stem of which arise in summer dainty plumes of pale, fringe blossoms on stems about six inches tall. A cool situation, where the soil is rather damp and fairly rich, is much the best for it.

**LITTLE DAYLILIES**

And then we have that pigmy of the Daylilies, *Funkia minor*, with white, sweet-scented blooms born in August, an exact reproduction of *Funkia subcordata* but only six or eight inches tall. I have two little clumps of this plant in my garden that were given to me many years ago and it seems not now to be listed in catalogs. But it must still be somewhere about and I should be very glad to have news of a supply of it, for it is very useful at a season when few plants are flowering in the rock garden. A low situation where the soil is deep and rich and partial shade meet its requirements. English gardeners have listed catalogs list *Funkia subcordata* as a dwarf, with "delicate foot-high spires of lavender-pale liftings in autumn," but I have never come across this species in this country. *Mertensias* for the most part are too tall and broad-growing for a small rock garden, but there are several little species that will not greatly tax our space and that are very lovely besides, with their bell-like eremurus blossoms. From across the seas come *M. schidigera* and *M. primuloides*, and from our own Northwest *M. austroalpina* and *M. pulchella*.

Two of the Globularias, *G. trichantha* and *G. cardinopis* are well enough known in rock gardens and while they are not of a great size themselves they appear as stout marmots indeed beside the really small fry of their delightful *G. inacensis,* *G. bellffolia,* *G. nana* and even *G. unicolor,* which, though larger than the three others, still ranks with them as a most charming diminutive. All of them are the neatest and prettiest little plants imaginable, with shining dark leaves and balls of cool blue fluff for blossoms tossed lightly on short stems above the glossy foliage. The very smallest is *G. nana,* no more than an inch high. *G. inacensis* is but a little taller and its leaves are a lovely blue-green which amazingly sets off the cool blue tone of its flower balls. *G. bellffolia* makes a close covering of dark and very small thick-leaved leaves. All are loved by mice and hares of dam. They are small erenews not appear quite hardy. In my own garden they are prospering on a little rocky slope facing south, but with some protection afforded by distant tall trees from the burning afternoon sun. The soil is compounded of loam and humus with a good deal of bone and a little sand. These little plants certainly deserve to be a great deal better known.

**A TINY ERODIUM**

The smallest of the Erodiums is *E. chamaedrys-axiae* and a most delightful and cheerful little plant it is, flowering without pause from May until the very last frost before the frosts close down upon it. It forms close, flat mats of tiny leaves above which appear an incredible number of small white flowers. There is also a pink-flowered form that is most delicate. It seems not at all a difficult little subject. In my garden it grows on a ledge facing south where the soil is rather heavy and not too sandy. Like all Erodiums it is quite easily raised from seed.

Stevia cordata* is a tiny member of an ordinarily robust-habitat family. Its home is in the sunny island the name of which it bears and in cold climates it cannot always be counted upon to come through the winter. South of Philadelphia, or in our genial Northwest near the coast, it would probably be quite safe. I have managed to keep it in the open over an occasional winter, but not often. However, it is easily raised from seed. In any case it requires kindly conditions—a sunny location, in warm, well-drained, light soil. It is considered a favorite of emerging caterpillars and bears most generously its little bluish-white blossoms. It is a delightful carpeter.

Two other little croppers which are good for use in a small rock garden and whose portraits we show are *Linaria pallasii* and *Linaria herba-epatica.* They cover the ground snugly with lovely foliage and bear their little blossoms over a long period. The first has rather large blossoms (Continued on page 174)
YOUR GARDEN IS WORTH THIS PROTECTION AGAINST INSECTS

EVER GREEN, the famous insecticide, will kill the insects that ruin the beauty of your garden. EVER GREEN is pleasant to use, non-poisonous, and absolutely harmless to humans, birds and pets or the tenderest bloom. Approved by scientists...used by leading florists. Sold in garden supply departments of seed, hardware, drug and department stores. Use any spray.

EVER GREEN—the Garden Cop—will protect your garden.

KILLS PLANT INSECTS

McLAUGHLIN GORMLEY KING CO. Minneapolis, Minn.

Milbradt Power Lawn Mowers

OPERATE so easily that grass cutting becomes a pastime and is done more frequently. This results in smooth, velvety Lawns, the pride of every owner.

There are four types to select from, suitable for different kinds and sizes of Lawns—1-2 acre or less up to large estates.

You will find the right type for YOUR Lawn in the 1930 Milbradt Catalog, gladly sent on request.

The 27 inch Heavy Duty Wide Roller Type.

Made also with 20" Cutter

MILBRADT MANUFACTURING COMPANY
Established 1895

2419 N. Tenth St.
St. Louis, Mo.

GLORIOUS MAY-FLOWERING TULIPS

SPECIAL OFFER! DARWINS

from

BASSI FRÈRES, Inc.

EXTRAORDINARY OFFER

Save 25% on DARWINS

Make delivery sure at a saving of 25% less than Fall prices. All are top-size bulbs, sure to bloom and produce magnificent flowers. The following special prices are for orders received before July 1. Delivery in September.

ALL DARWINS

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EXTRAORDINARY OFFER

Save 25% on many other choice varieties in our Bulb List. Ask for it. It's Free!

BASSI FRÈRES, Inc.

517 Main Street
Phone New Rochelle 8700

New Rochelle, N.Y.

SPRING FRESHNESS ALL SUMMER THROUGH...

Gardens to be beautiful and restful must be kept green, fresh, cool and alluring—a caressing kiss of gentle mist in the early dawn will keep the lawn, shrubbery and flowers velvety, fresh and fragrant from early spring to late fall.

Brooks's Automatic Sprinkling System will keep your garden green, cool and fragrant even during the heat and drought of the mid-summer months, for it gently dispenses a mist-like spray when needed and where needed, making brown beds, drooping flowers and listless plants leap to rampant life as if by magic.

Ask your landscape architect about the Brooks system. He will tell you it is Nature's friend and rain's only rival—labor-free, economical, easily and quickly installed in an old as well as new lawn without marring the velvety finish of the surface—an essential to good gardening.

Dealers write for the BROOKS sales proposition. Some good territory is now available.

JOHN A. BASSI FRÈRES, INC.

IRRIGATION SPECIALISTS

1425 SECOND BLVD. — DETROIT, MICHIGAN
Of Small Rock Gardens

(Continued from page 172)

pure lavender color and a fine sweet scent, the second has very decorative kidney shaped leaves and a profusion of lilac Snapdragon flowers. Linaria alpina (bouquet) is the gayest of small things and should be sown where it will be to flower. Its small "Snapdragons" are a hot violet in color blotched with orange. They make a brilliant if tiny show.

For the shaded side of the rock garden there are any number of appealing small things, Ramaucina scabiosa, for instance, a little western native of new habit and many small white flowers; and the two Synthyrsites, S. rotundifolia and S. reniformis, also native of our northwest country. They require cool conditions and I suspect a somewhat acid soil, as do so many of our native westerners. Their great charm is the earliness with which they come into bloom. S. rotundifolia, known as Sleighbells in its own locality, is one of the first plants to bloom in the rock garden. Both have spikes of blue flowers and dark shining leaves.

If the rock garden boasts a vertical or north side a few tufts of Ramondia pyrenea should find a home therein. They should be wedged in securely so that the soil will not wash away from about the crown. A good strong loam mixed with humus and a little sand is the soil that best suits this lovely Pyrenean "Primrose." In the same sort of position Haberlaria rhodozisis also thrives. This is a cousin of our greenhouse Gloxinias, and a very beautiful and charming plant. Its deep green leaves form a neat rosette and the pretty lavender blossoms appear in spring. It enjoys a soil of leafmold, peat and sand and cool conditions generally.

My space is coming to an end, but I wish to speak of the beauty of the Moonwort, Soldanella. It is always recommended for shade, but here it is growing nicely in cool deep soil with Gentiana septemfida and Erythranthes in full sunshine. Its porcelain displays the full quality of its charms.

We have barely tapped the resources that are at the command of the owner of a little rock garden. We must make a list of fifty more that will prove a most successful stand of plants.

For the shaded side of the rock garden we will get best results if we will make the plants take root in three or four inch flower pots filled with soil and sunk full depth in the ground just where the runners reach. In a month or six weeks the pots will be full of plants that are outstandingly successful. This we must do each year, including new beds. This we must do each year to do this is fortunately so simple and economically prolific stand of plants. All we need to do is to go through the patch just when the fruit first begins to ripen, to place stakes beside the plants that are outstandingly the most prolific of all. This we must do each year because young beds yield better than do old ones.

When the runners develop, as they do shortly after the first season is over, we should anchor them with lumps of earth or pebbles in the usual way to hold them in place until they have formed roots. If the new bed is to be made in late August or early September we will get best results if we will make the plants take root in three or four inch flower pots filled with soil and sunk full depth in the ground just where the runners reach. In a month or six weeks the pots will be full of roots and the plants may be easily transplanted where we want them.

Worthy Strawberry Kinds

(Continued from page 168)

Bulbs

Narcissus minimus, Narcissus cy-damineum, Narcissus bulbocodium, Tulipa perica, Tulipa dactyomen, Tulipa palchella, Muscari botryoides, Muscari azureum, Hyacinthus amethystinus, Galanthus nivalis, Eranthis hyemalis, Scilla Siberica, Chionodoxa Luciliae.

I shall be glad to reveal the whereabouts, as far as possible, of any of the plants mentioned to anyone sending an addressed envelope.

ATKINS & DURBROW, Inc.

A.25 Burling Slip
New York, N. Y.

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My space is coming to an end, but I wish to speak of the beauty of the Moonwort, Soldanella. It is always recommended for shade, but here it is growing nicely in cool deep soil with Gentiana septemfida and Erythranthes in full sunshine. Its porcelain displays the full quality of its charms.

We have barely tapped the resources that are at the command of the owner of a little rock garden. We must make a list of fifty more that will prove a most successful stand of plants.

For the shaded side of the rock garden we will get best results if we will make the plants take root in three or four inch flower pots filled with soil and sunk full depth in the ground just where the runners reach. In a month or six weeks the pots will be full of roots and the plants may be easily transplanted where we want them.

Worthy Strawberry Kinds

(Continued from page 168)

Bulbs

Narcissus minimus, Narcissus cy-damineum, Narcissus bulbocodium, Tulipa perica, Tulipa dactyomen, Tulipa palchella, Muscari botryoides, Muscari azureum, Hyacinthus amethystinus, Galanthus nivalis, Eranthis hyemalis, Scilla Siberica, Chionodoxa Luciliae.

I shall be glad to reveal the whereabouts, as far as possible, of any of the plants mentioned to anyone sending an addressed envelope.

ATKINS & DURBROW, Inc.

A.25 Burling Slip
New York, N. Y.

pure lavender color and a fine sweet scent, the second has very decorative kidney shaped leaves and a profusion of lilac Snapdragon flowers. Linaria alpina (bouquet) is the gayest of small things and should be sown where it will be to flower. Its small "Snapdragons" are a hot violet in color blotched with orange. They make a brilliant if tiny show.

For the shaded side of the rock garden there are any number of appealing small things, Ramaucina scabiosa, for instance, a little western native of new habit and many small white flowers; and the two Synthyrsites, S. rotundifolia and S. reniformis, also native of our northwest country. They require cool conditions and I suspect a somewhat acid soil, as do so many of our native westerners. Their great charm is the earliness with which they come into bloom. S. rotundifolia, known as Sleighbells in its own locality, is one of the first plants to bloom in the rock garden. Both have spikes of blue flowers and dark shining leaves.

If the rock garden boasts a vertical or north side a few tufts of Ramondia pyrenea should find a home therein. They should be wedged in securely so that the soil will not wash away from about the crown. A good strong loam mixed with humus and a little sand is the soil that best suits this lovely Pyrenean "Primrose." In the same sort of position Haberlaria rhodozisis also thrives. This is a cousin of our greenhouse Gloxinias, and a very beautiful and charming plant. Its deep green leaves form a neat rosette and the pretty lavender blossoms appear in spring. It enjoys a soil of leafmold, peat and sand and cool conditions generally.

My space is coming to an end, but I wish to speak of the beauty of the Moonwort, Soldanella. It is always recommended for shade, but here it is growing nicely in cool deep soil with Gentiana septemfida and Erythranthes in full sunshine. Its porcelain displays the full quality of its charms.

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THE "25"—SPLENDID FOR ALL-AROUND PURPOSES...

On the lawn of average size, where a roller mower is not needed, or where terraced lawns would not permit, the Ideal "25" is unsurpassed. It handles easily around tight corners. It cuts clean and smoothly, and is strongly and simply constructed. Its smaller brother, the "20", for smaller cutting jobs is equally efficient. Or, you may prefer a roller mower, that smooths out bumps and hollows as it cuts—or the Triplex that keeps cutting costs low on big areas. Write today for the Ideal brochure showing the complete line of Ideals at work on the country's largest and finest estates.

IDEAL POWER LAWN MOWER COMPANY
403 Kalamazoo Street, Lansing, Mich.

Branches:
1122 West Chicago Avenue
Chicago, Illinois

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Boston, Mass.

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Dealers in all principal cities

POTTED ROSES—May Planting

Potted Roses may be planted in the garden until late May, and give an abundance of bloom all summer. From our collection of several hundred Hybrid Tea Roses we can supply potted plants of most of the leading varieties. The plants are field-grown, budded Roses, potted in autumn, and carried over winter in coldframes. The list is extensive; we suggest that you indicate the color, and let us select the variety.

ROSES by Bobbink & Atkins

The 1930 edition is replete with up-to-date varieties—it is more than a Catalog, it is a reference and guide for American Rose Amateurs and Growers; it presents late introductions which offer new surprises, and include many favorites of earlier days. Many are illustrated in color; correct descriptions are given with comments on their merits and demerits; cultivation instructions are simplified; all are classified and arranged to make ordering easy; pen and ink sketches show planting steps and how to secure the most perfect flowers. A copy will be mailed on request to those who send for Catalog.

Again we received the highest award for Rock Garden and Andria Indica and A. Krumme at the New York Flower Show.

In your request for Catalog, it is important for us definitely what you intend to plant. You will confer a favor upon us by mentioning House & Garden when writing.

BOBBINK & ATKINS, Rutherford, New Jersey

Your Last Chance This Spring To Plant Hardy Plants

If you don't plant them "right smart quick now", you'll have to wait till fall. That means a summer of blooms lost.

BUT don't get cold feet and decide that it's too late, it's too late. It would be were it not for the fine big clumps we sell you. That and the painstaking way we pack them. All plants are carefully wrapped. Then tucked in special ventilated boxes, between layers of new excelsior and fresh moist moss. Packaged that way, the plants scarce know anything is happening. When set out in your garden, they start right in growing.

Send for catalog. Don't miss out on a summer of these blooms. If you are interested in Rock Gardens send 25 cents for our illustrated booklet on how to build one, and make sure of its success.

WAYSIDE GARDENS
MENTOR, OHIO

DOUBLE ROTARY JUNIOR SPRINKLER

The Heavy Duty DOUBLE ROTARY

The Sprinkler That's NEXT BEST TO RAIN

No worry about dry hot summer days when you have a Double Rotary Junior Sprinkler. It gives a gentle shower wherever you want it. Spreads life-giving moisture over lawns, flowers and shrubs in Nature's way. That's why so many home owners say the Double Rotary Junior is "Next Best to Rain".

Prepare now for the rainless summer days to come. Let the Double Rotary Junior keep Maytime freshness and beauty about your place all summer long. It covers any circular area up to 80 feet and down to 15 feet in diameter according to pressure. Self-operating, self-rotating. Convenient skid base.

TRY 10 DAYS—if not satisfactory, return sprinkler and your money will be refunded. Order from this ad. Descriptive literature on request.

D. R. P. SPRINKLER CO.
300 E 23rd St., Kansas City, Mo.

W. S. SPRINKLER CO.

The Sprinkler That's NEXT BEST TO RAIN

No worry about dry hot summer days when you have a Double Rotary Junior Sprinkler. It gives a gentle shower wherever you want it. Spreads life-giving moisture over lawns, flowers and shrubs in Nature's way. That's why so many home owners say the Double Rotary Junior is "Next Best to Rain".

Prepare now for the rainless summer days to come. Let the Double Rotary Junior keep Maytime freshness and beauty about your place all summer long. It covers any circular area up to 80 feet and down to 15 feet in diameter according to pressure. Self-operating, self-rotating. Convenient skid base.

TRY 10 DAYS—if not satisfactory, return sprinkler and your money will be refunded. Order from this ad. Descriptive literature on request.

D. R. P. SPRINKLER CO.
300 E 23rd St., Kansas City, Mo.
Tempting flowers in full bloom ... irresistible to passers-by. What a joy it is to know they are protected from eager, selfish hands. Cyclone Fence guards your cherished flowers and shrubs. Protects your children and pets at play. Bars intruders. Brings you the luxury of true home privacy. Cyclone Fence blends with the home picture. Made of durable copper-steel, heavily galvanized—lasts many years. Installed by trained Cyclone men. Phone Cyclone Fence Company in your own city or write direct to us for literature.

For the Rose Garden Beginner

(Continued from page 178)

Hardmark Crimson—Semi-single, velvety crimson.

Hermosa—Pink, used to be in every garden and should be yet.

Hortensia Kolb—Bright pink, fairly large blooms, superb.

Miss C. E. von Rosen—Semi-double, scarlet crimson.

Old Red—Almost single, pink, blooms in large clusters. The oldest Bengal (1796) and the ancestor of the "overblooming" Rose. These two varieties, left unpruned, make fair-sized shrubs of incomparable beauty.

Eoyalite—Medium size bloom, brilliant scarlet.

Grasn us Tijldez—Velvety crimson, very fragrant.

The Bourbon Rose is a natural hybrid first discovered in the Isle of Bourbon (now Martinique). It was once very popular, and the masterpiece of the group, Souvenir de la Malmaison, still lingers in the memory of some of us.

Crossed with the Bengal it has produced a hybrid that is fast gaining great popularity because of its activity and rusticity.

Grasn us Archeus—A scramble of pink, yellow, cheery, ever-changing and long lasting, if at nearly a week, the tined bloom turns white and fades away. This offspring descendant of an illustrious race has proved happy, hardy and healthy both in the Tropics and Arctic.

Grasn us Archee, sired by Mrs. Aaron Ward, produced a similar type.

Feur Dr. Erweh—Same hardiness with more yellow.

Some pure type Hybrid Teas are unusually hardy for the race and will survive without protection winters crowded, and, as with each "rolling" the size of the workable space diminished, elbow-room became more and more at a premium. At about the same time as the number of guests was seven, who with the hostess made two for each side of the frames—the equivalent of two tables of bridge. As good quilting was then quite as much a social requisite as good bridge-playing is to-day, it behooved an ambitious woman to be expert with her needle.

The very nature of the patterns are delightfully: Straight Farrow, The Garden Wreath, Full Blown Tulip, Birds-in-the-Air, Tree Everlasting, Freesia Star, The Meadow Lily, Delicate Mountains, and of course The Peony—long called "Piney" by the old folks. It will come as a revelation to many that the crazy quilt, which had so startling a vogue in its silk and velvet interpretations in the 1870's, is the oldest pattern known, making use as it could of every scrap of cloth of every texture at a time when all woven fabrics were precious.

Grasn us Mme. Paul Rose—Pink with copper tints. Low growing, healthiest foliage.

Grasn us Mme. Henry Morse—Two-tone pink, very hardy and easy growing.

While the Peruvian in general are not a class for the beginner, there are two exceptions with which he may venture with safety:

Ariel—Copper, apricot, then pink, continuous, very healthy foliage. Prune it little and it will make a fair shrub. Extremely hardy.

Williamson—Brilliant pink and salmon. Tall growing. Splendid for cutting and as hardy as any Hybrid Perpetual. Foliage may need a little watching.

Lovers of Nature in general, and of wildflowers in particular, have long awaited the coming of a thorough and authoritative and practical guide to the discovery and identification of the native Wild Orchids. There have been previous volumes devoted to the subject, of course, but they have lacked some one important quality—definitions, atmosphere, beauty of illustrations—something which has caused them to fall far or less short of the ideal. To be able to say that no such criticism can be made of Our Wild Orchids is at once a pleasure and a unique experience.

For this new volume Mr. Morris and Mr. Eames have produced a work which can be recommended with words of the highest praise. Not only is it an authoritative and practical guide to the discovery and identification of fifty-odd species of American Orchids, it is, perhaps even more notably, a splendid achievement in literature for art. Rarely has this reviewer come upon as good passages of plant text as are met throughout its pages; never has he seen more charming and at the same time more authoritative, clearly described wildflowers in their natural surroundings. The authors have caught, alike in word and image, the essence of the plants they describe.

(Continued on page 182)
A Lovely Lawn

A close-cropped, velvety lawn is the finishing touch that reveals the full beauty of the landscape. Lawn mowing equipment which will cut clean and will also make mowing easy contributes both to fine work and frequent cutting.

Moto-Mower brings to its owners these advantages. This year the Detroit Model Moto-Mower incorporates new mechanical advantages, a throw-out clutch that permits operation of cutting and traction units through separate clutches. There is also a new "drop-out" reel—it permits complete removal of the reel in almost a matter of seconds.

The Detroit Model Moto-Mower can be equipped with a sickle-bar for weed clipping at small extra cost. It can be attached by removing one nut from the tie rod.

THE MOTO-MOWER COMPANY
3247 East Woodbridge St.
Detroit, Michigan

GOLD MEDAL
Rose for 1930
Chaplin's Pink Climber

UNQUESTIONABLY the most important acquisition in climbing Roses since the introduction of Dr. Van Fleet and Paul's Scarlet Climber, universally recognized as the most popular climbing Roses. A cross between Paul's Scarlet and American Pillar, it is of strong growth, perfectly hardy and produces exceptionally large flowers.

In size and form these flowers are similar to Paul's Scarlet, being borne profusely in strong trusses of from 8 to 12 flowers each, a rich, lively pink in color. Awarded the much coveted Gold Medal of the National Rose Society of England in 1928.

Strong two-year-old plants, $2.50 each.

The Dreer Garden Book presents what is unquestionably the greatest collection of choicest Rose novelties ever offered in our 92 years of doing business. Nineteen pages of it are devoted to Roses, sixteen of them portray Roses in natural colors. Besides, it offers the best only in Seeds, Bulbs, Plants, Dahlias, etc. Free for the asking and please mention this publication.

THE SKINNER IRRIGATION CO.
231 Water St.
Troy, Ohio

WILSON'S O. K. PLANT SPRAY

Your plants, flowers, shrubs and evergreens are costly... protect them against injurious insect pests. Simply spray them consistently with Wilson's O. K. Plant Spray—the nationally recognized standard insecticide for flower and garden pests. Powerful, yet harmless to humans... clean, easy to apply... equally effective out-of-doors or under glass.

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 $3.00, 5 gallons $6.00. 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, Laurel, 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.

THE SKINNER IRRIGATION CO.
231 Water St.
Troy, Ohio

"WRITE TODAY"
That's the "feel" of a Doo-Klip in your hand.

Natural, up-and-down moving handles prevent blisters and tired aching fingers.

Self-tensioning and self-sharpening. Handles can not pinch your hand. No skinned knuckles.


DOO-KLIP Pruners give a healthy, diagonal cut when operated the shears by slight forward pressure of the body.

NO BACKACHE! NO LEG CRAMP!

Price $2.50

GLADIOLUS

BEAUTIFUL NAME VARIETIES

Annie Laurie, exquisite ruffled pink.

Misty Agnes, large blooms, light lavender on left.

Gladys Dream, the finest clear yellow.

Marzia, very large orange.

One Bulb each Value $1.50 for $1.10

A Whole "Glad" Garden $3 Special "Get-Acquainted" Offer

100 large bulbs, at least 35 fine varieties, in many different shades of rose, yellow, pink, blue, orange, white, white. All good varieties but not labeled as to name. Prepaid. 30 for $1.50. I believe this to be the finest "gad" collection offered anywhere. The above 5 varieties together with the collection of 100 bulbs for $4.

Send for illustrated catalog that is "different." Biltmore Home "Not In the Newspaper"

ELMER E. GOVE

Send for list of 123 Varieties

Price $1.50

For sale by better hardware and seed stores or order direct with coupon.

The Garden Scrap Book

(Continued from page 166)

water sufficient to start the fertilizer into the soil is a useful garden adjunct and much simpler than holding the hose.

ZINNIAS. In the olden days Zinnias were spelled "Xenias" and were commonly known as "Youth and Old Age," although the appearance of this name is not apparent to us in the magnificent creations that now adorn our gardens, from the brilliant little buttons not an inch in diameter to the giant rivals of the Dahlia and Chrysanthemum.

It is one of the most brilliant and satisfactory of annuals and one of the easiest to grow. It can be planted outdoors until into June with a certainty of a fine crop of bloom in late summer and autumn. It is one of the annuals in which a late start is no great handicap as it will not spring into vigorous growth until the weather is warm and seed sown outdoors often catches up with plants raised in hotbeds.

The recent Zinnia triumphs are the quilled and Dahlia-flowered types which are more loose and graceful in appearance than the older types of which the Colossal has long been a favorite. Those resemble a decorative Dahlia in the folded petals. The older types have flat petals lying as flatly and evenly upon one another as a well shingled roof. The range of color is remarkable.

Zinnias like rich soil and full sun. They also want a good supply of moisture to do their best and should be liberally soaked in spells of drought. A free use of the hose will keep them going. They are one of the finest and most reliable flowers for cutting in the garden. The Dahlia-flowered types are especially esteemed for bouquets.

TO NEUTRALIZE WATER. Aluminum sulphate offers a ready means of neutralizing alkaline water, when the latter has to be used for sprinkling plants which resent the presence of lime. A small pinch of the sulphate added to each pailful will dissolve readily and produce the desired effect. A good soil testing set is the answer for determining just how much to use—quantity depending, of course, on how much lime has to be counteracted.

ACID SOIL. The necessity of an acid soil for certain classes of plants, some herbaceous and some woody, is a generally recognized fact; but its maintenance year after year is often neglected. In a region where the prevailing natural conditions are acid, it is often neglected. In a region where the prevalent natural conditions are acid, an acid soil, once well established, naturally remains so for a long time without attention, but in limestone territory there is a constant tendency for infestation to change acidity to alkalinity. Some provision

Ah! A BIRD SANCTUARY

Birds add untold interest and pleasure to any grounds or estate. Learn how to attract only beneficial birds which will help you not only by eating harmful insects, moths and mosquitoes, but by destroying injurious insects, moths and mosquitoes. A Martin colony, for instance, will keep your premises free from mosquitoes and other flying insect pests. JOSIE DODSON, America's foremost bird authority, has supervised the building of bird sanctuaries for prominent people such as Henry Ford, John D. Rockefeller, Thomas P. Mayo and others as well as country clubs such as Westchester, Baltimore, Olympia Fields, Ontario, etc.

He will be glad to hear from any home owner or farmer in helping preserve America's song birds and to confer personally regarding the construction of a sanctuary or the proper placement of bird houses on your property. Even a small garden can be made a haven for our beautiful birds. Write Mr. Dodson today and learn how to attract birds to your premises this season.

JOSEPH H. DODSON, INC.

"Bird Lodge" 221 Harrison St., Kankakee, Ill.

A Book Will Be Sent to Those Interested—

"Your Bird Friends and How to Win Them."
Possession's JOY

It's your home... for you and your family to live in. In spring - when rains are heavy - your grounds are colorful and bright. The lawn sweeps up to the house... green and refreshing. There's a joy of possession when you look out over it ...

Then the dry, hot summer months come. Either you pay a large monthly bill for labor and water or the grass slowly dries and burns... parched for lack of moisture.

Let us show you how the THOMPSON CONCEALED LAWN SPRINKLING SYSTEM keeps your lawn fresh and green during the dryest of months. Thompson Conleared Sprinkling Systems are permanent installations... and they pay for themselves in a surprisingly short time by their savings in water bills, hose upkeep and gardener labor.

Mail the coupon for our beautiful free booklet, showing you in words and pictures how you can realize the joys of a beautiful lawn.

The Garden

must be made to overcome this change. The simplest and most effective way to maintain the acidity of a given piece of ground is to keep it covered, summer and winter, with dead conifer needles or rotting Oak leaves. As the rains seep down through these they carry tannic acid into the soil in a perfectly natural way. The addition of a few more needles or leaves each year makes up for those which gradually disintegrate into humus.

THE IRIS SEASON. In a recent issue of Horticulture Mr. Robert Wayman, the iris specialist, demonstrates clearly that, by wise selection of varieties, it is possible to have this plant family in bloom uninterrupted from earliest spring until real freezing weather in the fall. Beginning with Iris reticulata, thrusting up through the snow and ice, and continuing through the dwarfs, intermediate, tall bearded, Japanese and the Chinese Iris obtisians to the new fall-flowering sorts, gives eight months of blossoms. Whatever slight gaps there may be in this succession can be closed by such Irises as the Siberian, pogocyclus and various bearded varieties.

The Iris family, of course, standhigh on the ladder of popularity and merit. It should climb to still loftier rungs when its friends realize how it can be made to give them outdoor bloom for two-thirds of the whole year.

Scrap Book

LAWN ENRICHMENT. No lawn can be any better than the food which is provided for the grass that clothes it. To assume that anything else is the case, or that any given supply of plant food will last indefinitely, is to pave the way for disappointment sooner or later.

Roughly speaking, lawn fertilizers can be divided into two groups: the quick-acting, rather temporary stimulants, and those which work more slowly but keep at it longer. In the first group are most of those which are applied in liquid form, while the second class includes solid materials such as bone meal and animal manures. There is no reason why both types cannot be used together early in the season. But don't expect one application of the temporary stimulant kind to last the whole year. Animal manures, generally speaking, are excellent as sources of plant food, but they are not infrequently full of bothersome weed seeds.

TRIMMING MOWER. On the majority of places—even those with small lawn space—two lawn mowers are really worth-while in the saving of labor and improving the effect of the grass-cutting job. For the main part of the year, of course, a standard mower is used, either hand-operated or driven by power, depending upon the size of the lawn and other considerations.

Lawn Sprinkling Systems

worth-while in the saving of labor and improving the effect of the grass-cutting job. For the main part of the year, of course, a standard mower is used, either hand-operated or driven by power, depending upon the size of the lawn and other considerations.

SavVo

self-Watering and Sub-Irrigating For Windows, Porches, Ledges, Sun Parlor s, Etc.

You can move Savo Boxes indoors or out and have beautiful flowers and plants the year round. Leak proof and rust proof. Perfect Air circulation and drainage. Enlisted in Grand Pottery and Old Ivory. Six sizes. Most efficient Flower and Plant Box made

Write for a FREE descriptive, illustrated Folder

Savo Manufacturing Co., Dept. 15, 1400 Merchandise Mart, Chicago Ill.

Safeguard your lovely Flowers

No garden is immune to attacks by Aphis. These tiny green, red or black insects feed upon the tender green foliage and buds in your garden, and rob your flowers of their true beauty and attractiveness. Be prepared to kill these insects when they appear. Have on hand a package of "Black Leaf 40" — the spray depended upon by commercial gardeners to protect their crops against Aphis, Thrips, Leaf-Hopper and similar insects.

The garden package of "Black Leaf 40", selling for 35c, makes about 6 gallons or 24 quarts of effective spray. Thus, it costs but a few cents to safeguard the beauty of your garden. You can rely upon "Black Leaf 40". It has the largest sale of any preparation of the kind in the world.

Jobbers of drugs, hardware, seeds, garden supplies, etc., carry "Black Leaf 40" in several package sizes. You can buy it from your neighborhood store handling garden necessities.
The Garden Scrap Book

To supplement this large mower, a small, one-wheel machine is a great advantage in doing the trimming. This little machine is pushed by hand like its big brother, but, by reason of its peculiar construction and short blades, can be used to advantage in confined spaces. With it you can cut cleanly to within a fraction of an inch of trees, fences and shrubbery, to say nothing of sharp turns along path edges, and so on. In this way much back-breaking work with ordinary grass shears is quite fully avoided.

**TULIPS AND FORGET-ME-NOTS.** After it is well past the flowering stage the Tulip bed pure and simple isn't much to look at. There is nothing especially attractive about the leaves, anyway, and after summer weather has warped and discolored them they become really unsightly. This is particularly noticeable in planting where the bulbs are not taken up every summer but are left in place year after year.

Marked improvement in the way of appearance in permanent plantings follows upon the introduction of Forget-me-nots as a ground cover. Provided only that they are not allowed to suffer from drought, these prolific plants will carpet the soil with green and blue all summer long, yet, because of their shallow roots, will not interfere with the bulbs below them. In the spring, when the Tulips come up again, they will find no difficulty in thrashing through the Forget-me-not clusters.

**BABY WEEDS.** There is nothing like catching them young, those ubiquitous weeds which are now making determined efforts to overwhelm more worthy plants in the garden. Preventing this it would be so simple to uproot many young rats than a few older ones, so is a slaughter of the innocents among the weed family a far better plan than waiting until they grow large and commence to multiply their race.

In both flower and vegetable gardens, young weed destruction is best accomplished by frequent and thorough cultivation. This means not only stirring the ground and thereby uprooting the weeds, but also taking them up and removing all those which are large enough to be thus collected. The very smallest are generally killed by a few hours of hot sun after they have been dislodged, but the others should be fully disposed of lest they take root again like the sprig of Skunk cabbage immortalized in the old song.

**COS LETTUCE.** It requires skill and labor to produce a first-class head Lettuce and the market offers them so reasonably that the majority of gardeners who have failed to grow these solid heads they set out to grow have given up. The Cos Lettuce, or Romaine, gives a better idea of a head Lettuce of the finest quality and anybody can grow it. It is the lazy man's Lettuce for, given half a chance, it will succeed and the better the culture the more outstanding the success.

**GLORY OF THE HILLS.** Nothing is more beautiful than the glorious spring blooms of Rhododendrons and Azaleas. Our nursery-grown native Rhododendrons are reasonable.

Special $27 assortment includes 12 plants, 1 to 5 feet high, ten different, enough to cover 25 to 40 sq. ft. Blooms from April to July.

La Bars broad-leaved evergreens call for no maintenance expense. Cold will not kill them.

Price for this superior collection only $27, packed f. o. b. Stroudsburg.

Please send check with order. Each plant guaranteed true to name. We have the largest Rhododendron nursery in America.

Send for catalog and list of shrubs in this offer.

LA BARS' RHODODENDRON NURSERY
Box H, Stroudsburg, Pa.

**HAPPY ROCK PLANTS.**

Of all the plants of garden and field, I think the Rock Plants are the ones to be very pious and docile, and others, like the Vinca, always look up and say "Hello" to everyone. Nobody ever saw a head Lettuce of the finest quality and anybody can grow it. The Cos Lettuce, or Romaine, gives a fair imitation of a head Lettuce of the finest quality and anybody can grow it. It is the lazy man's Lettuce for, given half a chance, it will succeed and the better the culture the more outstanding the success.

**A HANDY BOOK ON LANDSCAPING.** This unique book will give you valuable suggestions for turning just a house and lot into a beautiful, livable "home landscape." Contains specific plans for planting lots of average size. Fully illustrated with views of beautiful yards before and after planting. Send 25 cents with coupon.

Pittsburgh Steel Co.
The Garden Scrap Book

in growing a Lettuce of real quality. It is a different style of growth from the head and common leaf Lette
nurrcc leaves, producing long, rather narrow crev leaves that tend to fold over each oth and blanch the heart. This tendency is readily en
We specialize in rock garden design construction and

ROCK PLANTS

Flowering Trees of the Orient

Japan - China

Also a complete general line of nursery stock.

Illustrated Book sent free upon request

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921 Montgomery Ave.

MAYFAIR NURSERIES

Grows and propagates most of the rare

ROCK GARDEN SHRUBS

RECOMMENDED BY

E. H. Wilson and

Mrs. L. B. WILDER.

SPRING BEAUTY COLLECTION

12 of the most prolific form

ASSORTED COLORED

SPRINGTIME GARDENS

BOUND BROOK, N. J.

BERGENFIELD, NEW JERSEY

A Water Lily Pool

for every garden

No garden is modern without the colorful beauty, exquisite fragrance and fascinating interest of a Water Lily Pool. Even small gardens have room for at least a simple tub garden of Water Lilies.

*1930* Illustration of Five Water Lilies

Capensis (sky blue); Zanzibar (pink); Deltona (white, with bloom of Rosa); Rubra Rosea (carolina); Doubled (false blue)—All for $2.

Illustrated Catalog Free

Shows you how to construct a pool or plant a tub garden. Describes and illustrates Water Lilies, Aquatic Plants and Ornamental Fishes. gives cultural directions. Send for Free copy today.

To Keep Pool Clean

Scavenger collection. Pair each of Tadpoles, Jap Snails, Black Ramshorns, two Clams and a pair of American Sali-

New Jersey

DELLA ROBBA

MINTS

GROW LOVELY RHODODENDRONS

Success depends chiefly on supplying correct soil conditions. These and other Ericaceous Shrubs (Laurels, Azaleas, etc.) thrive best in a deep, moist, highly acid soil, such as found in deep woods.

RHODO GRO

The Original Soil Corrective for

Rhododendrons, Azaleas, etc.

RHODO-GRO was developed in co-operation with a famous Rhododendron specialist. Used with great success since 1926. It supplies exactly the right acidity and increases the moisture-holding capacity of the soil. Your Broad-Leaved Evergreens will show quick response.

Send $5 we'll ship 100-lb. Bag, freight paid—enough to treat seven square yards.

GARDEN DEPARTMENT

Graybar Building

Lexington at 43rd

New York City

BOOKLET ON CARE OF RHODODENDRONS

Illustrated, mailed free on request.

HYPER-HUMUS COMPANY

30 Park Place

Newton, N. J.

A Water Lily Pool

for every garden

No garden is modern without the colorful beauty, exquisite fragrance and fascinating interest of a Water Lily Pool. Even small gardens have room for at least a simple tub garden of Water Lilies.

*1930* Illustration of Five Water Lilies

Capensis (sky blue); Zanzibar (pink); Deltona (white, with bloom of Rosa); Rubra Rosea (carolina); Doubled (false blue)—All for $2.

Illustrated Catalog Free

Shows you how to construct a pool or plant a tub garden. Describes and illustrates Water Lilies, Aquatic Plants and Ornamental Fishes. gives cultural directions. Send for Free copy today.

To Keep Pool Clean

Scavenger collection. Pair each of Tadpoles, Jap Snails, Black Ramshorns, two Clams and a pair of American Sali-

New Jersey

DELLA ROBBA

MINTS

GROW LOVELY RHODODENDRONS

Success depends chiefly on supplying correct soil conditions. These and other Ericaceous Shrubs (Laurels, Azaleas, etc.) thrive best in a deep, moist, highly acid soil, such as found in deep woods.

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Illustrated, mailed free on request.

HYPER-HUMUS COMPANY

30 Park Place

Newton, N. J.
A tempo of incomparable swiftness timed to a crescendo of luxurious gaiety is your transatlantic pro­duction to England, France and Bremen.

A harmony of leisure musically woven from the “tonic” of sea-air and the “dominant” of pleasure, is your overture to England, Ireland, France and Bremen.
Did you know that a Screen could be as beautiful as this?

Windows, doors, porches, all the openings of your house have been designed with infinite care. They tell your neighbors, your guests, your community the character of the house you live in.

You can't afford to destroy their carefully planned lines and subtle architectural harmonies by installing ordinary screens.

That's why architects recommend Higgin Screens... because Higgin plans every screen as carefully as the architect plans every opening. There is no screening problem too difficult for Higgin to solve beautifully... no balance of line too subtle to match with equally subtle screen design. The illustration above will tell you better than we can word what we mean when we say that "Higgin Screens not only conform to, but enrich the character of the architectural whole."

Higgin makes all kinds of screens... sliding screens, rolling screens, swinging screens... screens for doors, windows and porches. And in all of them, beauty and usefulness are combined to a maximum degree!

There is a Higgin expert in your vicinity... at your service. Call him. Ask for an estimate on equipping your home completely with Higgin Screens. If you don't find Higgin in the telephone book, write us.

THE HIGGIN MANUFACTURING CO.
Specialists in Screens since 1893
General Office: Washington Ave., Newport, Kentucky
Branch Factories: Kansas City, Mo., Toronto, Ont.

Send for The Book of Fences describing Lincraft Rustic Fences, as installed on some of America's most beautiful estates and suburban properties. The Lincraft Line includes Woven, English Hurdle and Post-and-Rail Fences, sturdily constructed of seasoned, weather-resisting woods. A Lincraft Fence requires no paint, and age only adds to its beauty. It is economical in first cost, installation and upkeep.

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

I am interested in Screening □ New Home
□ Old House

Please send me an illustrated booklet, together with the name of a nearby dealer who can show you these delightful screens.

H. T. Cushman Manufacturing Co.
North Bennington, Vermont
Desk No. H-5

Kindly send booklets of Cushman Colonial Reproductions and name of dealer nearest me.

Signed.

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This Higgin-designed screen door adds a vital motif to the total architectural effect.

A more handful of half-starved, weary and sparsely clad, defeated the British forces at Bennington in one of the first decisive battles of the Revolution.

Today, in memory of that famous encounter, there rises at Bennington a granite shaft, three hundred feet in height, in tribute to the men who fought here in 1777.

Cushman Reproductions include exact replicas of New England colonial cabinets making. There are spacious cupboards and commodious chests; study tables and comfortable chairs; each piece catching the spirit of early America. Cushman Reproductions are made from well seasoned native woods by descendants of the pioneers who wrought the prized originals.

We will be glad to send you an illustrated booklet, together with the name of a nearby dealer who can show you these delightful pieces.

Address.
City... State...
TRADING LITERATURE
OF INTEREST TO PROSPECTIVE HOME BUILDERS

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 and gardening fields. This issue is devoted to those in the building field.

• BATHROOM FIXTURES

Bathrooms of Character. The importance of good plumbing is emphasized in this attractive catalog on "Teen-pe-co" vitreous china and porcelain bathroom fixtures. A series of "character bathrooms" is illustrated, the complete equipment of each being listed together with price numbers and prices. A chart shows colors in which "Teen-pe-co" fixtures are available. The Trenton Pottery Co., Trenton, N. J.

• WHITE LEAD

Decorating the Home. A book of helpful instructions for painting both the exterior and the interior of the home. The importance of white lead colors in which Teen-pe-co fixtures are available. The Trenton Pottery Co., Trenton, N. J.

• SHINGLES

Creo-Dipt Hand-Split Pilgrims. An envelope of loose leaf sheets showing illustrations of homes on which Creo-Dipt Pilgrim Shingles are used. Each house differs in style and treatment showing the adaptability of these shingles. Creo-Dipt Pilgrims are hand-split from live red cedar. A general description of them is given on the inside cover. Creo-Dipt Company, Inc., North Tonawanda, New York.

• LUMBER

For Home Lovers. Numerous houses are pictured in this booklet, which is published for the purpose of offering helpful suggestions to the prospective home builder who has not yet gained a clearly defined idea as to the particular type of house he desires. Each house is accompanied by a description and floor plans. National Lumber Manufacturers Assoc., Transportation Bldg., Washington, D. C.

• RED CYPRESS

A Versatile Wood for Interiors. Attractive illustrations show interiors paneled in Tidewater Red Cypress. This wood, which has an established reputation for durability in exterior use, is also adaptable for interior paneling. It can be waxed, stained, painted, "aged" (charred and rubbed), sand-etched, or used in its natural state. Southern Cypress Mfrs. Assoc., Jacksonville, Florida.

• STUCCO

Portland Cement Stucco. The story of texture and color in Portland Cement Stucco is presented in this book together with the practical technique of its application. Several beautiful illustrations show the textures and colors of the stucco used for various purposes. A number of additional stucco in the back of the book. Portland Cement Co., Chicago, Ill.

• HEATING EQUIPMENT

How Shall I Heat My Home? The various types of heating and the fundamentals of each type are explained in this booklet published by the American Radiator Company. Several pieces of equipment manufactured by this company are illustrated in color. These include the Red Flash Boiler, the Cortes Radiator and several heaters. American Radiator Company, 40 West 40th Street, New York City.

• INSULATION

Just Between You and the Weather. A booklet of facts about United States Mineral Wool describes it as an insulation that is heat-proof, cold-proof, fire-proof, sound-proof and vermin-proof. One of its advantages is that it is indestructible and resists fire-like solid stone. Several letters from satisfied users are reproduced. United States Mineral Wool Company, 200 Madison Avenue, New York City.

• GAS HEATING

Efficient House Heating With Gas. The Pittsburgh Boiler shown in this catalog is so designed as to utilize gas with the utmost efficiency. The method of construction and operation is explained and illustrated by detailed drawings. In the back of the booklet is a discussion of the Pittsburgh Automatic Gas Water Heater. The Pittsburgh Water Heater Company, Pittsburgh, Pa.

• HOT WATER HEATING

Hot Water at Every Tick of the Clock. Two hot water plants are described and illustrated, the Kewanee Water Heating Garbage Burner, and the Kewanee Tabasco Water Heater. In those homes where the quantity of refuse is not sufficient to supply a Garbage Burner, the Tabasco Heater is more suitable. Sectional views are shown of both these burners. Kewanee Boiler Company, Kewanee, Ill.

• OIL HEAT

The New Developments in Oil Heat. The developments which have been made in automatic oil heat for the home are sketched briefly in this interesting booklet. A recital of facts about the "805" Kleen-Heet Oil Boiler and several heaters. The Kleen-Heet Oil Boiler and several heaters. Photographs show installations of the "805" Kleen-Heet in a number of residences. Winslow Boiler and Engineering Company, Chicago, Ill.

• BOILERS

A Modern House Warming. An interesting booklet on heating equipment, attractively illustrated, describes the various heating methods, and tells how the Capitolo Red Cap Boiler solves the heating problem. It is attractive in appearance, is supplied for either steam or hot water heat, and is adapted to any standard fuel. Three types are illustrated in color. United States Radiator Corp., Detroit, Mich.

• CASEMENTS


• CONCEALED HEATING

Modern Style in Room Heating. The Trane Concealed Heater is illustrated and described in this booklet. It operates from the same boiler and piping system as the ordinary radiator. While the radiator diffuses heat the Trane Concealed Heater circulates heated air. A section of the booklet is devoted to "Facts About Trane Concealed Heaters." The Trane Company, La Crosse, Wis.

• INSULATION

The Invisible House. John-Manville introduce in this booklet an insulation material made of "rock wool," which can be blown into the walls of any home, old or new, and regardless of what construction. The numerous illustrations show the manner in which the material is applied, and its many advantages are explained in the text. John-Manville, 292 Madison Avenue, New York City.
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 Kernerator in building. Your architect knows—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
1530 North Water St.
Milwaukee, Wis.

OFFICES IN 125 CITIES

FOR NEW AND EXISTING BUILDINGS

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**WICKWIRE SPENCER**

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**CLEANPEAK**

BATH ROOM BEAUTY

The New Deeco De Luxe All-China Lavatory attains a new peak in beauty of fine bathroom appointment. Unobstructed space beneath the slab and entire absence of exposed metal, are outstanding features of its design. Unsightly tarnished metal faucets, trap and piping are replaced with glistening, easy-to-clean china—unchanging with use or time. Beautiful All-China Flower Design Faucets whether in White, or the lovely colored glazes, make possible beauty of decoration unattainable with metal types.

Consult your plumber and write for catalogue giving full information.

THE DEECO COMPANY
76 Batterymarch Street
Boston

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**CASSIDY COMPANY**

INCORPORATED

Designers and Manufacturers of Lighting Fixtures since 1867

101 PARK AVENUE AT FORTIETH STREET
NEW YORK CITY
Over-indulgence in eating or drinking—often a social grace—produces unpleasant results. These ill effects may be corrected by drinking Poland Water famous as a potent kidney eliminant.

Who doesn't prefer White Porcelain?

IT'S A BOHN PORCELAIN EXTERIOR

The modern refrigerator, in any size and for any use, is mentally envisioned in all its sheer white porcelain loveliness, a piece of furniture in which the pride and reliance of the owner is definite and unvarying.

The housewife's sigh of relief was heard all over the land when the designers of refrigerators made the inside of refrigerators white. At last food was to be in surroundings absolutely sweet and pure. Then came the thought that the purity which porcelain lining assured within, might just as easily be adapted to the outside, and so the last word in refrigerator appearance was added to the last word in food preservation and care.

Wise was the one who protested against gilding the lily. And so perhaps the day is still distant when refrigerators, especially of the BOHN standard, will be greatly changed from their present beauty, utility and purity.

BOHN is the world's largest manufacturer of quality refrigerators.

Kathryn Murray's 5-Minute-a-Day Facial Exercises

5-Minute-a-Day Facial Exercises

A FREE book, sent on request, reveals for the first time just how the wealthiest women refined or retained their glorious, fresh, youthful complexion. This beauty secret, once available only to fashionable patrons of the more exclusive beauty salons, is now within reach of every woman!

Just this—crow's-feet, wrinkles, hollows, loose, sagging skin, sluggish circulation, yellow complexion occur when the tiny under skin muscles become weak, flabby, droopy from non-exercise.


Send Coupon for Cocktail Recipes in Bridge Pad

On par with martini & rosso vermouth (sold at your food shop). The dan-

dy, tangy flavor — the
typical cocktail taste.

thirsty palates in
fancy silks

Touch pen to Coupon. At
least a dollar's worth of recip-

es in Bridge Pad (Auction
and Contract), providing famous
entertainment at bridge parties,

BROHN SYPHON REFRIGERATOR

NAME_ ADDRESS ——— State

DEALER'S NAME

BOHN Refrigerator Company
Saint Paul, Minnesota
Chicago

KATHRYN MURRAY, INC.
Suite 531, 5 So. Wabash Ave., Chicago, Ill.

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es in Bridge Pad (Auction
and Contract), providing famous
entertainment at bridge parties,
In the Smooth Functioning of an Estate

Telephones play a Particularly Important Role

From your study, you can be in instant touch with every part of the estate by telephone... give necessary instructions... learn how work is progressing... save yourself trips out-of-doors in unpleasant weather... and the same telephones, of course, link you to the outside world as well... to neighbors, friends in other cities, even countries across the sea. Modern homes have telephones wherever they will save steps and time... living-room, bed chamber, sun porch, kitchen. Instructions may easily be given to the lodge-keeper... the chauffeur summoned... flowers ordered from the greenhouse... over your regular Bell telephones.

Where there are many duties to take one time... as on a large estate... the convenience of enough telephones becomes almost a necessity. For the telephones knit together the far-flung parts of the estate. They bring the various buildings within instant call... the greenhouse... stables... gate-keeper's lodge... garage.

In the fitful weather of spring, the telephones shield the floors of the residence from the muddy footsteps of outside servants. And in the glorious days of summer—when you spend so much of your time out-of-doors—you yourself can be readily reached, wherever you may be on the grounds.

Only a few people, of course, have estates... but everyone can enjoy true telephone convenience. This modern note contributes greatly to the ease and comfort of living, yet it is not expensive. Nor is it confined to larger houses.

Each home has its own special opportunities for communication convenience. No general rule can be laid down; the chief thought is to have telephones in all places where they will save you time and effort and the annoyance of "lost calls." Your local Bell Company will gladly help you determine appropriate locations in your home. Just call the Business Office.
BRIDES THAT TRIP DOWN THE AISLE IN JUNE
need take no trips down cellar stairs next fall

For too many brides it is but a short step from the flower-strewn aisle to the cellar steps. Yet a bridegroom need not impoverish himself to install or maintain automatic heat. Just see that there is a Spencer Heater in the house you will call home. As many an older head has discovered in the past thirty-two years, a Spencer gives the lowest cost heat you can buy, with automatic fuel feed that lets women in the home stay away from the coal bin.

Instead of flat grates that must be fed frequently by hand, the Spencer has Gable-Grates that slope down from a magazine where fuel is stored. The natural way for fire to burn is up—and in the Spencer fire does burn up-hill. The natural way for things to fall is down—and in the Spencer fuel does roll down, automatically, from the magazine to the grates below.

This fuel feed is truly automatic, for gravitation needs no motors or machines to make things roll down hill. It gives unusual uniformity of temperature, for fuel flows only as fast or as slow as the fire requires. As changing temperatures require more fire or less, the fuel feed is automatically controlled by the fire's demands.

The Spencer adds economy to convenience, because it burns small size fuels efficiently. These fuels are low in cost because ordinary heaters are not designed to burn them satisfactorily. You can use No. 1 Buckwheat anthracite in Spencer Heaters, at about half the cost of larger sizes. Where anthracite is not available small size by-product coke in a Spencer will give a more uniform heat than soft coal in ordinary heaters, at a cost no greater—and generally less.

Write for the Spencer book, "The Fire That Burns Up-hill." It describes in detail how the Spencer Heater, for steam, vapor or hot-water systems, can save as much as half your annual fuel bill. SPENCER HEATER COMPANY, WILLIAMSPORT, PA. Division of Lycoming Manufacturing Company.

The Spencer Heater for the average home is illustrated at left. Spencer Heaters are made in cast iron sectional and steel tubular types, for any size home or building. Sold and installed by all responsible heating contractors.

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.
Home Movies that reproduce on the Screen EVERY COLOR
THE EYE CAN SEE... as easy to take as snapshots

So many people, particularly, have inquired about home movies in full color that special exhibitions of Kodacolor films have been arranged for this month at Cine-Kodak dealers throughout the United States and Canada.

Step in and see one of these films on the screen. Do this whether or not you are immediately interested in making home movies. What you see will amaze you.

For, with Cine-Kodak, home movies in full color are made as easily as snapshots with your child's Brownie.

Life Itself
Kodacolor reproduces faithfully and unerringly on the screen every color that the eye can see. The exact shade of your child's hair, those elusive tints of youthful cheeks, every tone of dress and background, every scene of your travels...all in full color.

In short, life itself. For life, as the eye sees it, remember, is made up of color and motion. Now these two are combined in the most remarkable of all developments in home movies. Movies that are closer to life itself than anything heretofore known.

Think of having such pictures of your mother. All so wonderful...yet so simple that a child can take them.

How It's Done
The same Ciné-Kodak (B or BB f1.9) that takes black-and-white movies takes color. The same Kodascope (A or B) that shows black-and-white movies shows color. You simply use a Kodacolor Filter and Kodacolor Film when making or projecting movies in color.

If you can look through a finder and press a lever you can take these amazingly beautiful pictures. Then send the film to any Eastman processing station. In a few days it comes back to you, ready for projection...at no additional cost; the charge for developing is included in the price of the film.

Everything is so convenient, so easy. And, if you can afford even the smaller nice things of today, you can afford the Ciné-Kodak.

Ask to See Kodacolor
See what wonders are now offered you by the same Eastman men who so simplified photography that any child can make snapshots.

See the exhibition of Kodacolor that is being presented this month by Ciné-Kodak dealers of the United States and Canada. Visit your dealer today.

EASTMAN KODAK COMPANY
Rochester, New York

KODACOLOR
HOME MOVIES IN FULL COLOR