TIFFANY & CO.
JEWELERS SILVERSmithS STATIONERS

WATCHES AND WRIST WATCHES
The Range of Choice Is Very Extensive

MAIL INQUIRIES RECEIVE PROMPT ATTENTION
FIFTH AVENUE & 37TH STREET
NEW YORK
LATEST CREATION OF Caron PARIS

BELLODANIA
CARON
PARIS FRANCE

CARON CORP., 389 FIFTH AVE., NEW YORK
This Living Room

is one of quiet good taste, interpreted in terms of the
Eighteenth Century. Its hospitable charm and air of
cheerful informality are achieved by the use of Bartons
Trimmings . . . trimmings that add extra touches of
smartness and color without adding to the cost.

There is an irresistible something about spring... something which causes us to reach out
for a bright colored flower... a fresh blown bud... to smile happily at a patch of blue sky... to
brighten up our home with new color... with new draperies... new cushions.

With Bartons Trimmings, every room takes on new life, a new freshness and a new gaiety in per-
fected keeping with spring. And that freshness remains, for Bartons Trimmings are fast colors,
guaranteed to wash again and again, and never lose their radiant newness.

Before you plan your spring redecorating, send for our free booklet, "Your House of Charm","... illustrating authentic period rooms showing applications of Bartons Trimmings. And then
ask your dealer to show you the newest styles and colors in Bartons Trimmings. You will be delighted. Bartons Fabrics Co.,
79 Madison Avenue, New York.
The gesture of the lipstick . . . We owe it to Guerlain—the first to prison lips of radiant color in a slim two-inch case—the first to add a swivel for convenience—the first to say to all this loveliness: "You shall not fade . . . you are indelible!" . . . the first to give us lipsticks smoother than our lips themselves.

Today, when clothes are colorful and varied, Guerlain decrees three lipsticks, and we'll need them all. Red Dot and Blue Dot, dark and medium, give natural effects, so smart for daytime since the sunburn craze. Between them, they take care of every color scheme. Plain End is for the evening when make-up is frankly make-up.

At especially appointed drug and department stores only . . . .

All indelible . . . *20¢ Other Guerlain Lipsticks from *50¢.50¢.

PARIS - 68 Obister Elysee NEW YORK, 578 Madison Ave. MONTREAL - 100 Craig St. wr.
Your Sun Room

—whether it is a glass-covered roof high above busy streets, a closed-in porch, or a many-windowed room with colourful paper and hangings—deserves the exclusive quality offered by Altman’s new selections in rattan, reed and willow.

Groups may be assembled to meet with your own needs—and each design is offered in a wide choice of finishes and coverings. Pieces sketched are from a natural rattan group with vari-coloured enameled cane windings. Each piece is priced separately:

- Sofa with six large cushions: $223
- Large Armchair: $90
- Extension: $56
- Chaise-Longue: $156
- Lamp: $98
- Small Armchair: $80
- Tabouret: $23
- Side Chair: $44
- Fernery: $59
- End Table: $34
- Table: $60
- Bird Cage: $65
- Tea Wagon: $80

FURNITURE—SEVENTH and EIGHTH FLOORS

Consult Our Decorators for Spring Draperies Made to Order
Caldwell jewelry has a personality distinctly its own—a superior something that cannot be copied nor taught. There is a finality in its charm that is unique—that completely satisfies the artistic sense.

"Crest of the Wave"—a bronze by Harriet W. Frishmuth

With the diamond jewelry here pictured is a star ruby ring. This rare stone is remarkable for its size, its shape, its exquisite coloring and the perfection of the star.

J.E. CALDWELL & CO. Philadelphia
This year's group of Macy's exclusive

FRENCH Chintzes

at 69¢ yard

ON authentic documents in musty French archives these charming motifs were found and adapted for our chintzes. They are printed on semi-glazed percale with a technical perfection of detail and coloring which places them among the loveliest we have ever seen, regardless of price. There are thirteen patterns and more than fifty color combinations. Macy's is the only place in the United States where they may be found!

ILLUSTRATED ARE FOUR:
A lovely floral pattern in bright color with picotage enlivening the backgrounds of blue, straw, peach or green.

This flower-sprigged chintz interestingly approximates a really old fabric. The colors are expertly overprinted, resulting in a lovely gradation of tone. Green, maroon, blue or cream grounds.

A century ago French designers created just such prints as this. Crackled effect on cream ground with pattern in red, blue, green or mauve. Also red on green.

Here is a luscious French conception of an old English floral pattern; rich, mellow, utterly charming. Glorious, old fashioned flowers on grounds of blue, green, mauve or parchment.

MACY'S

34th STREET AND BROADWAY, NEW YORK
ABOUT this time of year, the Linen Closet shows signs that the Winter entertaining has been strenuous. Perhaps it's the very handsomest Table Damasks or most elaborate Hand Towels that should be demoted from the "best" section to the "second best." And it's more than likely that the stock of everyday Linens should be replenished.

A FEW additions now will equip the Linen Closet for every demand. Of course you know that it's economy in the long run to invest in excellent quality Household Linens. And you know also that the Spinning Wheel trade-mark of McCutcheon's has long been synonymous with quality, beauty and durability in Linens. This Spring replenish your Linen supply from "The Greatest Treasure House of Linens in America." The prices will delight you with their moderation.

Damask Table Cloths from $12.00 to $65.00 each
Damask Napkins from $12.00 to $62.00 a dozen
Luncheon Sets from $15.00 to $55.00 a set
Huckaback Towels from $9.00 to $24.00 a dozen
Bath Towels from $6.50 to $22.00 a dozen
Bath Sets from $9.00 to $13.50 a set
Sheets from $14.50 to $30.00 a pair
Pillow Cases from $3.50 to $6.50 a pair
The Urge of Tomorrow in Homes of Today

City towers rising ever more magnificently...country homes growing ever more gracious! These are signs of tomorrow, and to meet them we offer these aids to the homemaker of today:

A series of Home Interiors, furnished within definite budgets, on the Sixth Floor...a group of rooms in the modern manner and a Maisonette in the Eighteenth Century style, on the Seventh Floor.

A Decorating Department, the members of which will give you counsel and assistance without charge.

A permanent Department of Modern Decoration, created after our Exposition of Modern French Decorative Art, and constantly offering new expressions of interesting contemporary trends.

A great collection of fine Antiques, typifying the best features of many lands and many periods.

Superb new designs, many created exclusively for Lord & Taylor—in furniture, rugs, household linens, decorative accessories and drapery fabrics.

Four floors of furnishings for the home—merchandise designed and co-ordinated to mingle harmoniously in well-planned decorative ensembles.

Lord & Taylor
FIFTH AVENUE
NEW YORK.
SHE IS LIKE A FLOWER

Delicately she charms the very air with the attar of her loveliness...

For her charm is born of many flowers which have received an ethereal immortality from the perfumer's hand... The creations of Lenthéric achieve her ensemble of fragrance! The silvery compact tooled to the semblance of a smart French watch... the silver misted powder boxes upon her dressing table... the bath powder like fragrant thistledown... all reflect truly the Lenthéric odeur which she has chosen as her very own.

Thus her entire aura is in fragrant harmony — whether it be the gardenia-sorcery of Asphodelle — the luxuriant beauty of Miracle, or the vivacity of Le Pirate... She moves in a vibrant radiance which transfigures her beauty into that of a living flower.

Lenthéric perfumes in their fascinating modern bottles, $5 to $45... face powder, five subtle shades and white, in a silver-starred box which holds its own matching pail, $1... lipstick, in three flattering tones, as smartly cased as a trinket of pearl-and-gold, $1.50... the silvery double compact is slim and opens as precisely as the French watch which served as its model, $2.50

Lenthéric Paris
PARFUMS
FIFTH AVENUE AT FIFTY-EIGHTH STREET - NEW YORK
245 RUE SAINT-HONORÉ - PARIS, FRANCE
The consummate skill of the artist in wood is fully expressed both in the lovely paneling of these walls and in the rich carving that appears on the important console and its attendant chairs. Yet it is not alone in the handling of these exquisite details that the Hampton Decorators excel—as the illustration suggests, they create homes of the utmost livableness and distinction.
With this
Rod
you can copy this
Beautiful
Window

The first requirement of a beautiful window-treatment is a well designed and well made drapery fixture. Yet the smart Decorated Bluebird Rod illustrated costs only $3.50 and is finished in full color—the rod itself being soft old ivory color and the flowers themselves being in natural morning-glory colors, mauve and blue with green leaves—tones that will harmonize with any color-scheme you may have selected for your room.

Ask to see these charming rods today. Your favorite department, furniture or hardware store has them and will know the rod you want if you mention "Judd Morning-Glory Rod." If your dealer does not have the rod in stock, write us and we will see that you are supplied. H. L. Judd Company, Inc., 24 West 40th St., New York City.

The window above is typical of the lovely window arrangements illustrated in our delightful booklet, "Suggestions for Beautiful Windows." This shows many ways of draping windows and tells you the type of Judd Drapery Fixture you should select for your particular window. We will gladly send you a copy, free, if you will fill out the coupon below and mail it to us. Fill out the coupon now.

H. L. Judd Company, Inc.
24 West 40th Street, New York City

Gentlemen: Please send me your free booklet "Suggestions for Beautiful Windows."
Now you may select with confidence, authentic copies of famous period furniture... adapted to modern requirements... produced with the high standards of workmanship and material of the master craftsmen of old.

This Kittinger reproduction of a "gaming" table in solid Mahogany, shows Duncan Phyfe at his best... with the same exquisite feeling for line, carving and detail which first gained recognition for the last of the great master craftsmen... the first and only American designer, who as an individual, established his name for eternity.

The accompanying chair of Sheraton design is a worthy copy of the original now in the Metropolitan Museum... solid Mahogany in construction, upholstered with new and sterilized curled hair, covered in a floral brocade.

In Kittinger Distinctive Furniture, only the finest woods are used, principally solid American Walnut, Mexican and San Domingo Mahogany, Maple and Oak... the same woods we find in those graceful museum pieces by the old masters... whose charm and heirloom value live forever.

Kittinger Distinctive Furniture for every room in the home, club, and executive office is shown in a series of booklets. Let us send them to you with names of Kittinger dealers. Kittinger Company, Dept. 35, North Elmwood Avenue, Buffalo, N.Y.
For the Homes of Those Who Know

• True Beauty •

THOMAS STRAHAN WALL PAPERS

TODAY, so many types of decoration have their sponsors . . . modern, Spanish, provincial, a hundred others. How difficult it is to know what is most suited to your home, your needs—even, indeed, your personality.

In the essential beauty and warm colors of Thomas Strahan wall papers, many such questions have found their answers. Whether the designs are mellowed, tested by generations, or the new, fresh conceptions of the twentieth century, each must measure up to standards of beauty and quality which have guided us for 40 years.

Go to your decorator and be convinced of this yourself . . . Ask your dealer to show you Strahan Papers.

THOMAS • STRAHAN • COMPANY

Established 1886

Factory: CHELSEA

MASSACHUSETTS

New York Showroom: 417 FIFTH AVENUE

Chicago Showroom: 80 MICHIGAN BLVD.
EARLY ENGLISH OAK FURNITURE, by KENSINGTON

The Extraordinary Individuality and Enduring Charm of Early English Oak Furniture—and its Appropriateness in the American Home

ENGLISH oak furniture of the 16th and 17th Centuries drew its design inspiration from the Renaissance movement which had its birth in Italy in the middle of the 15th Century. The England of that day was so far removed from the Continent that it took all of one hundred years for the new style to penetrate. With characteristic tenacity the English craftsman clung for a long period to the traditions fostered by the guilds in Gothic times so that there is a delightful sense of spontaneity in his designs. The form of his furniture was little affected, but he seized eagerly upon the wealth of new ornament, which, however, he interpreted in his own way, so that even in the 17th Century his work possessed an extraordinary individuality and to this is due in no small measure its enduring charm.

Traditional interest, also, gives this early English Oak furniture, so expressive of Anglo-Saxon character, a natural place in our American homes. Reproductions by Kensington are authentic in every detail of design and are made of the solid oak by hand throughout in antique construction in a manner to retain the character and the decorative quality of old work.

Kensington Furniture is made in all the decorative styles appropriate for American homes.

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

KENSINGTON MANUFACTURERS
DECORATIVE FURNITURE
NEW YORK

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"
AKRON, OHIO, is famous as the rubber center of the world. In this city the bulk of the world's tires are built.

Akron people know rubber. They build tires. Thus —they are the most critical of all tire purchasers.

Akron's largest tire dealer is the Miller dealer. More Miller tires, we believe, are sold at retail in Akron than any other kind.

The great success of Miller Tires in Akron, firmly established by the famous "Geared-to-the-Road" line, has become even more phenomenal since the announcement of Miller's super-tire—the Deluxe Balloon.

When you need tires, remember, that in Akron, the most exacting tire market in the world, motorists prefer Miller Tires.

THE MILLER RUBBER COMPANY, AKRON, OHIO, U.S.A.

The new Miller Deluxe 6-ply Balloon pictured here is a new super-type tire for those who demand the utmost freedom from blowouts and punctures. It is built to give extra long mileage and to withstand the roughest service.
Smart performance and smart appearance . . . . you will find both in Buick

After all, there are only one or two headliners in every field who “have everything” . . . who look and act the part . . . it is true in polo . . . in golf . . . in aviation . . . and it is true among motor cars, where the choice is Buick! Beauty and ability . . . smart, rhythmic, spirited performance and alluring style . . . you will find both in Buick. That’s why it’s the car for you!

Buick Motor Company, Flint, Mich., Division of General Motors Corporation

WHEN BETTER AUTOMOBILES ARE BUILT . . . BUICK WILL BUILD THEM
Have You made the most of your sun room?

FOR attractive, colorful decorative treatment, the Solarium frequently offers greater opportunities than any other room in the house; yet oftentimes this fact is overlooked, and the Solarium neglected. This is the more difficult to understand when we consider that the finest, most suitable Solarium furniture costs less than the expensive cabinet woods commonly found in the other rooms.

The suite illustrated is a new and a very smart design. Made in natural rattan—the strongest and lightest of woods—shaded to lend variation in tone value, ornamented with bands of French Enamed cane in contrasting colors, upholstered in fine English linen, it offers an exceptionally appealing ensemble for your Sun Room.

Established forty-three years ago, Sons-Cunningham have ever been originators—never imitators. Style, quality, and uniqueness of design has always been the key note of their policy.

You are cordially invited to call at their showrooms, where a most representative display in a wide range of designs and colors is available for your 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.

Sons—Cunningham Reed & Rattan Co., Inc.

383 Madison Avenue • New York

Established 1886
**RADIATORS in the wall . . .**

the key to modern simplicity

How perfectly the Herman Nelson Invisible Radiator fits into the modern plan! Permanently sealed behind plastered wall or partition, it offers every advantage of finest radiator heat, yet not a single inch of it protrudes into the room ... you are free to place your furniture precisely where you want it, free to really carry out your color schemes.

The Herman Nelson Invisible Radiator—a small, compact heating element—is enclosed in a sturdy steel cabinet, which fits in any standard wall or partition. It has no brazed, welded or soldered joints to fail and leak steam or water. Once installed it is forever undemanding of attention or repair.

In fine homes, apartments and offices everywhere, Herman Nelson Invisible Radiators are superseding the space-taking type of heating unit. If you can afford them, you cannot afford to be without them. The coupon brings you complete information.

Please send me the illustrated book Number .

I am planning to build a containing approximately rooms.

Name

Address
Not a jarring note in its decoration — the restful colors of this modern bedroom are pleasantly accented by a floor of W. & J. Sloane Jaspe Linoleum. Ready for service the instant it’s laid, W. & J. Sloane Linoleum is particularly easy to keep clean, and very resilient to walk on. In colors and patterns especially designed for the smartly comfortable homes of today, W. & J. Sloane Linoleum is very moderately priced. It is sold by leading retailers everywhere. W. & J. Sloane Mfg. Co., Trenton, N. J.

W. & J. SLOANE LINOLEUM
"Three Hundred Years of Charm" is a delightful little booklet on the most appropriate use of N & S Windsors in modern homes. The "pick" of 125 patterns are pictured. You ought to have a free copy. The coupon brings it—and the nearby N & S dealer’s name.

**Hospitality**

**NICHOLS & STONE CO.**

Be sure to look for the N & S shield-shaped tag. It identifies the genuine N & S Windsors.

**COUPON**

Nichols & Stone Co.,
Send free copy of "Three Hundred Years of Charm" and the nearest N & S dealer’s name and address to

Name: ____________________________
Street and No.: ____________________
City and State: ____________________

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"Be it ever so humble or never so elaborate—there’s a place in every home, a part in every life, that only a Nichols & Stone Windsor can fill. For these gracious, friendly, inviting chairs have a history all their own. Their forebears arrived on the Mayflower—the prized pieces of many a Pilgrim home. And today—thanks to modern methods—Nichols & Stone re-creations of these original Windsors add three centuries of charm to thousands of homes, where cost may be the first or last thought.

All N & S Windsors can be furnished in white for finishing in any desired color scheme.

Nichols & Stone Co.,
For Your New Home—
the rare, lasting beauty
of an Antique Mantel

A N antique mantel, rich in Old World romance, introduces an element of rare beauty into your home. When accompanied by appropriate andirons, such a mantel becomes the focal center of the room, around which may be built its decorative scheme. And because the mantels offered by this House are endowed with backgrounds laid in the old, romantic days of England, France and Italy, they bring into the home a high spot of interest, of joy and comfort. Whatever may be the architectural motif of your home, you will find here mantels that meet the needs. Our selection is wide and varied. Small French mantels, lovely Italian Period designs, Old English Tudor or Georgian Period creations—practically any desired design, beautifully carved by hand in marble or stone.

W M. H.

OVER A HUNDRED YEARS OF SERVICE TO THE
The mantel shown here is a genuine antique taken from Elmstead Hall, near Colchester, England. The andirons, in wrought steel and bronze, are of quite exceptional workmanship. They are exact copies of a pair in the hall fireplace at Knole house, Kent, England, that were designed in Cardinal Wolsey's time and are said to have belonged to one of the Boleyn family. The mantel is priced at $3500; the andirons, $400 for the pair.

In many of the luxurious English homes being built, the architectural plans specify an antique mantel "through the House of Jackson." Architects recognize our century-old ability to obtain from Europe the rarest of mantel specimens. You are invited to bring your architect or decorator to our showrooms, as a personal inspection enables you to choose the mantel most expressive of your individuality. Prices range from $350 to $8000, with assurance that mantels represented as antiques are genuinely so. More than one hundred years of service to America's socially prominent families stand behind all of our offerings. Let us send you a booklet outlining this service; also photographs of mantels in the period you prefer. Address us at New York, Dept. HG.

Jackson Company
2 West 47th Street, New York
318 North Michigan Avenue, Chicago

Prominent Families in the Social Register
Put Your Home in Summer Dress

Chintzes for Every Room

Even though your windows wear smart cretonne draperies the year round, a change is a welcome tonic when warm weather comes. With fresh, cool-looking chintzes at the windows, and slip-covers to match covering the upholstered pieces, the house takes on a summery aspect that gives a sense of airy comfort on the hottest day.

For the living room, we suggest this conventionalized "jewel flower" design, which combines summer daintiness with enough formality of treatment to confer the necessary dignity. On a ground of bisque, sand, apple green, or peach it is particularly effective.

The dining room brings all the sunny loveliness of the garden indoors when its windows are draped with this delightful Waverly Print. Its pattern of modernized garden blooms on a parchment color background is vividly colorful.

And to "summerize" the room still further, cover a tall three-fold screen with this same chintz and place before the door leading to the kitchen or pantry. This will unify the scheme of decoration.

We have selected, for the master's bedroom, the floral design shown below with a two-tone contrefond background. Particularly recommended are the mulberry, orchid, bluet, and the plain cream grounds, as these shades lend themselves to charming color schemes. The boudoir chair and chaise longue may be covered with the same chintz and the bedspread may be of plain glazed chintz in a color to match or contrast, with the patterned fabric used for the flounce or the pillow cover.

For the boy's room in the fascinating map design, and he will find that home has all the glamour of foreign lands. Incidentally, he will absorb a good deal of geography unconsciously! Cover a large wooden box with this cretonne, have it fitted with a hinged lid and a partitioned tray for his treasures, and his own room will be the best play place in the world!

Little sister will revel in the quaint charm and delicious pastel colorings of this Kate Greenaway design, where prim lads and lassies of an elder day disport themselves sedately. Whether you select it in pale pink, a delicate blue, peach, violet, sand, or lime green, it is equally bewitching.

Al of these Waverly Prints may be chosen with either a plain or a semi-glazed finish. The glazed is recommended by decorators because it sheds the dust—an especially desirable feature in summer. It also brightens and deepens every color, bringing out the design with delightful vividness.

Do the boudoir chair and chaise longue may be covered with the same chintz and the bedspread may be of plain glazed chintz in a color to match or contrast, with the patterned fabric used for the flounce or the pillow cover.

Ask to see these Waverly patterns in the drapery departments of dry goods, furniture, or department stores. You will find them possessed of a remarkably firm even texture and great durability. Yet they are moderately priced, ranging from fifty cents to a dollar and a half a yard.

Send 10 cents for samples of the newest Waverly designs. Address Waverly Fabrics, Dept. 41, 60 West 40th Street, New York.

Waverly Fabrics
A Schumacher Unit

House & Garden
The modern living room where one can really live

Here is a living room of our time which does "unite elegance with utility and blend the useful with the agreeable." And it achieves this happy purpose because the makers of DYNAMIQUE hold that comfort and convenience are major considerations to the people who use this furniture. And always beauty eloquent of the period in which we live.

No sacrifice of symmetry... no loss of grace and restraint in this DYNAMIQUE furniture. But often, an audacious bit of color or a vigorous outline that no other period has achieved makes the dullest room attractive. And the bright polished surfaces of rare woods are beautifully combined in a great number of pieces. Either incidental pieces or whole suites obtainable.

JOHNSON FURNITURE CO. • JOHNSON-HANDLEY-JOHNSON CQ., GRAND RAPIDS, MICH.
DECORATIVE Net CURTAINS

for Every Window
in Your Home

FOR THE BEDROOM—
Graceful, straight hung Quaker Tailored Net curtains assure privacy and admit light and air and will replace the tie back curtain.

For the living room and dining room where a more formal style of curtain is required the smart fringed Quaker Net Panels are most appropriate.

Smartness and good taste do not mean high price. At modest cost you may curtain every window in your home with Quaker Transparent Net curtains.

See the new Quaker curtains at the best stores

QUAKER LACE COMPANY

QUAKER
TRANSPARENT NET CURTAINS

QUALITY
the best at every price
$2... to... $20
As you rest in deep comfort in this pleasing living-room of Mr. H. W. Prentis, Jr., you are conscious of the fun, old-fashioned charm of the Georgian period. Combined with this spirit of yesterday are many modern ideas you cannot so quickly sense. Walls, for example, are all insulated with Armstrong's Corkboard. Underfloors are concrete over steel beams, completely fireproof. And right at your feet is the most modern note of all—a quiet, springy, colorful floor of Armstrong’s Handmade Marble Inlaid Linoleum, Design No. 89, laid with a two-toned border.

This Pennsylvania home depicts the Gracious Georgian Manner

Residence of Mr. Henning W. Prentis, Jr., Lancaster, Pa.
Frederick Houston, Architect, New York

Near the Lincoln Highway in Lancaster County, Pennsylvania, is this fine example of Georgian architecture. Stately in line and spacious, its white-painted brick exterior bespeaks Colonial days, gracious living, comfort. Yet with all its atmosphere of old-time charm, this pleasingly designed home represents the very last word in modern-day construction. Particularly is this evident the moment you step into the welcoming foyer. The floor you walk on is not hard, unyielding, noisy. Rather it rests your footsteps, quiets them, conveys a sense of unexpected comfort. You note, too, that this floor looks quite unlike the floors in the average home. It has a soft shimmer. It is unbroken by cracks, by seams. It simulates all the elegance of old French floors, its colors inlaid and hand-polished to an eggshell gloss. As you go from room to room, a pleasing variation of floor color-tone and design meets your eye. But the same foot-easy quality is unchanged. Even the bathrooms, the closets, present a quiet, springy and delightfully colorful floor surface.

What is it? Certainly not linoleum as you used to think of it. But nevertheless linoleum — modern Armstrong’s Linoleum, cemented in place the modern way over soft, builders’ deadening felt. It’s modern Armstrong’s Linoleum laid over reinforced concrete underfloors to make a perfect, fireproof construction. It’s Armstrong’s Inlaid Linoleum of the latest design, with colors inlaid to the burlap back so that they never scuff off, fade out, or need refinishing. It is the same Armstrong’s Linoleum that is being used by decorators, architects, and home-lovers everywhere who strive for refreshing newness and spirit in the interiors they create. You can see the exquisite designs in modern Armstrong Floors at stores near your home—department, furniture, and linoleum stores. And a letter to us enclosing 10c (in Canada, 20c) brings you Hazel Dell Brown’s latest color-illustrated story, “New Ideas in Home Decoration.” Just published. Address Armstrong Cork Company, Floor Division, 916 Mulberry St., Lancaster, Pennsylvania.

Armstrong’s Linoleum Floors
for every room in the house

PLAIN • INLAID • EMBOSSED • JASPÉ • PRINTED • and ARMSTRONG’S QUAKER RUGS
Too long have bulk and conflicting lines prevailed among fine motor cars. The need has been, not for a smaller car, but one that has symmetry, grace, spirit! And today that need is prodigiously met by the makers of America's most distinguished automobile.

In the new Straight Eight, Pierce-Arrow has developed a car which, without sacrifice of size, is delightfully free from traditional tonnage—from the massive, the cumbersome. It has beauty, unburdened. Among important makes of automobile, where "the dowager" type has long predominated, it is recognized that Pierce-Arrow has opened a new chapter in fine car history—and at a psychological moment. Its newest creation is the season's most captivating exhibit.
The most notable difference between the 1918 car pictured on the opposite page and this portrayal of today's Pierce-Arrow is one of symmetry... Today's car is gracefully slender and low-slung.

A STRAIGHT EIGHT by PIERCE-ARROW

125 Horsepower Engine - 85 Miles per Hour - 133-inch and 143-inch Wheel Bases - 59\(\frac{1}{2}\) -inch Rear Tread - 72-inch Over-all Height - Ample Head-room - Wide Doors - Pierce-Arrow Coachwork - Non-shatterable Glass - Fender or Bracket Headlamps optional without extra charge. Bodies by Pierce-Arrow - Pierce-Arrow in every part - Pierce-Arrow mechanical detail embraces every device of proved character known to the engineering of fine motor cars.

From $2775 to $8200, at Buffalo

The purchase of a car from income has been made altogether attractive procedure by the Pierce-Arrow Finance Corporation. The average allowance on a good used car usually more than covers the initial Pierce-Arrow payment.
General Electric presents
the first
All-steel Refrigerator

A new small-family model
at the very low price of

$215

Another chapter has been added to the achievements of the engineers and scientists of the General Electric Research Laboratories. The same group of men who, after fifteen years of painstaking endeavor, perfected the hermetically sealed mechanism of the General Electric Refrigerator, have now designed and built the first all-steel refrigerator cabinet. This marks the greatest improvement made during thirty years, in the design and construction of household cabinets. It means that new and even greater value has been built into the already unrivaled General Electric Refrigerator.

New Design—Made in a New Way... General Electric has made a large investment in new machinery. Giant presses had to be designed and built to cut the steel, bend it into shape and weld together the folded forms. But it has achieved its purpose. Its aim was, by mass production, to build the best refrigerator ever produced and offer it to the small families of America at a price easily within their reach—$215 at the factory.

$215 — With Conveniently Spaced Payments... The new all-steel General Electric makes safe refrigeration possible for every home. Only a small down payment is required. The balance can conveniently be paid over a period of time.

First Public Showing March 22... The only way to appreciate the durability and the beauty of this refrigerator is to see it. You will then readily understand why General Electric announces it so proudly and why it has been called "the refrigerator of the future." On display by dealers everywhere on and after Friday, March 22nd. Be sure to be among the first to see it. Write for a descriptive booklet to Section K-4 Electric Refrigeration Department of General Electric Company, Hanna Building, Cleveland, Ohio.

GENERAL ELECTRIC

All-Steel Refrigerator
THOUSANDS OF COUNTRY HOMES NOW COOK WITH THIS REAL GAS—PYROFAX

"It’s the greatest joy ever . . .
Greatest possible convenience . . . Gives very quick results"

—Mrs. S., New York State

Whatever type of range will make you happiest can be yours, with this real gas service, to make your country kitchen a picture of modern cleanliness and convenience.

Only a small initial payment is needed to have Pyrofax Gas Service and a modern gas range installed in your home at once. Let us send you complete information and the name of the nearest dealer who can demonstrate Pyrofax and show you what handsome ranges are available with it. Return the coupon.

Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced. Learn how easy it is to have this clean, convenient, economical gas service in your country home. Send the coupon.

PYROFAX DIVISION
CARBIDE AND CARBON CHEMICALS CORPORATION

CARBIDE AND CARBON CHEMICALS CORPORATION (Please address office nearest you)

Please send me some of your interesting literature on Pyrofax and the name of the nearest dealer.

Name ____________________________
Address __________________________

CONVENIENT TERMS
A small down payment enables you to start cooking with gas at once.
Spread the balance over a full year, if you like. Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced.

PYROFAX DIVISION
Carbide and Carbon Building, 30 East 42nd Street, New York

Chicago—Peoples Gas Building
Cleveland—Madison Ave. and W. 117th St.
Minneapolis—422 Washington Avenue North
Boston—1017 Old South Building
San Francisco—114 Sutter Street
Toronto, Canada—92 Adelaide Street West

DETROIT—General Motors Bldg. ST. LOUIS—4228 Forest Park Blvd. BOSTON—1017 Old South Building SAN FRANCISCO—114 Sutter Street TORONTO, CANADA—92 Adelaide Street West

Gives very quick results—Mrs. S., New York State

Every woman will be interested in the handsome gas ranges the Pyrofax dealer can supply with Pyrofax Gas Service. Modern ranges with every possible convenience. Those enameled in color are particularly attractive. There are shades of green, red, gray and blue to choose from. Or you can have spotless white and shining nickel combinations if you prefer them.

Do not confuse Pyrofax with liquid fuels. Pyrofax is real gas, stored in steel cylinders and delivered by a nationally organized service maintained by one of America’s largest manufacturing corporations. Pyrofax is used only with genuine gas ranges because it is genuine gas. It burns with a hot, sootless, instantly controlled flame that makes cooking a real pleasure.

PYROFAX DIVISION
CARBIDE AND CARBON CHEMICALS CORPORATION

PYROFAX DIVISION
CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

PYROFAX DIVISION
CARBIDE AND CARBON CHEMICALS CORPORATION

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(Here address office nearest you)

Please send me some of your interesting literature on Pyrofax and the name of the nearest dealer.

Name ____________________________
Address __________________________
WORTHY ... of America’s smartest kitchens

A glance reveals the fact that the new Kitchen Maid Units are fittingly a part of the fine home of today. Simplicity and artistry of line—beauty of finish—these bespeak the craftsmanship of America’s largest exclusive makers of built-in equipment for the kitchen.

Among these units, there are kitchen cabinets, broom closets, dish cupboards, refrigerators, top cupboards, butler’s units, Dinofold breakfast nooks, complete kitchenette assemblages—units filling every kitchen requirement. Shown above is a combination consisting of kitchen cabinet, broom closet, dish cupboard and refrigerator.

Each unit is complete in itself—may be used alone or in a unit combination.

WASMUTH-ENIDCOTT COMPANY 1204 Snowden Street, Andrews, Indiana

REPRESENTATIVES IN ALL PRINCIPAL CITIES. IF IN CANADA, ADDRESS BRANCH OFFICE, WATERLOO, ONT.
Turn it to colder and it is!

New Frigidaire Cold Control speeds the freezing of ice cubes and desserts.

A simple lever, turned by the movement of your finger tips, regulates the temperature of the freezing compartment of the New Frigidaire.

Six Freezing Speeds
And this is what it does. If ice cubes are needed quickly, just turn the lever to “colder”, and a generous quantity of full-sized Frigidaire cubes are frozen with even greater speed. And in the freezing of desserts, this same simple device gives you control of freezing time.

Offered only on Frigidaire
This is just one of the mechanical superiorsities that make Frigidaire automatic, practical, simple and serviceable...superiorities that have made Frigidaire the choice of more buyers than all other makes of electric refrigerators combined.

New, Low Prices
If you are one of those who have delayed the purchase of an electric refrigerator because you have felt that it was expensive, we want you to see the New Frigidaire. Quantity production has enabled us to offer new, low prices...and values far beyond former standards. The New Frigidaire is more beautiful than ever and unbelievably quiet. You don’t hear it start, stop, or run. And it can be bought on the easiest of terms.

We want you to see the New Frigidaire and find out about the new Cold Control... how it operates, and the added convenience it affords. We want you to learn about the new desserts that can be frozen so easily and quickly.

Send for these two books
You can get complete facts at any Frigidaire display room, or if you will mail the coupon we will gladly send you copies of the recipe book and the Frigidaire catalog without cost. Frigidaire Corporation, Subsidiary of General Motors Corporation, Dayton, Ohio.

FRIGIDAIRE
The Quiet Automatic Refrigerator
EVERYBODY WANTS AUTOMATIC HEATING
—BUT WHAT IS IT?

An untechnical discussion of a topic vital to the happiness of your family.

THERE was a time when men took pride in their skill at tending furnace—(women never did!)—just as there was a time when men boasted of their ability to coax a balky motor car into action. Today, modern men and women rightly demand both furnaces and automobiles requiring the irreducible minimum of personal attention.

Heating a house takes only 3 cents out of each dollar in the average household budget, yet on that small amount depend the comfort, health and happiness of every family for nearly six months of the year.

Twenty years ago the first automatic heating plant ever offered home-owners was brought out by Bryant engineers.

In the past nine years many other devices have been put on the market, some few automatic in fact, others automatic only in name and claim.

Many a purchaser of these comparatively untired mechanisms has unwindingly found his furnace room transformed into an experimental laboratory.

This is truly automatic heating—Bryant Automatic Heating—automatic heating that is a dozen years past the experimental stage—heating that is so absolutely reliable and carefree that you can "let your pup be furnace man."

It is the kind of automatic heating which your family deserves to enjoy.

HOUSKEEPING HAS ENOUGH WORRIES

No wonder that intelligent men and women are insisting that their house-heating be automatic, removed as far as possible from the uncertainties, the exertion and the constant nuisance of human furnace tending!

LABELING A HEATING PLANT "AUTOMATIC" DOESN'T MAKE IT SO

Many an unfortunate household has installed a so-called "automatic" heating plant only to find that the tinkering formerly practiced in the garage had shifted to the furnace room. Their heating plants, instead of requiring a shovelmans muscle, have needed a mechanic's oil can, kit of tools and expert skill at delicate adjustments.

To justify the term "automatic" a heating plant should do more than merely turn itself on and off as the weather fluctuates, always holding the temperature within the house within a single thermometer-measured degree of the day and night temperatures preferred by the occupants. It should (1) secure its fuel from a supply automatically provided for it; (2) require no human attention for weeks at a time; (3) never call for muscular or mechanical attention from the household; and (4) have no moving parts to wear out and require early or frequent replacement.

A written guarantee to adjust or repair your heating plant when it gets out of kilter, doesn't keep your house warm on a blizzard night. Stronger than any printed promise or verbal claim is this Bryant record of performance established by more than 35,000 installations.

In addition to the utter reliability of a Bryant Heater, which enables you to take your winter heat as much for granted as the water you draw from your kitchen faucets, what other advantages will you enjoy?

In the first place, cleanliness.

Gas is so utterly clean, so absolutely devoid of soot, of dust, of grimy vapors, that daily housecleaning is made measurably easier. Redecorating is postponed by years. Gas heat takes no toll of draperies and upholstery and does not tarnish paint or enamel.

A HINT FOR THE HOME-BUILDER

In the second place, a saving in space.

Gas heating requires no coal bin, or ash receiver, no storage tank, no accessories of any sort, on display or hidden around the corner. The boiler or furnace can be placed in a room to be used for other purposes—a room for dancing or
home movies, a workshop or den. Or, in a new house, the basement can be made smaller and many dollars in excavating and partitions saved thereby.

In the third place, the satisfaction of paying for your fuel after you use it, not before.

This latter brings up the question of cost. This will almost certainly surprise you pleasantly, especially when measured against the comfort, cleanliness and the forgetfulness of the furnace which it brings you, for Bryant Heating is well within the means of most home owners.

SPECIAL HOUSE-HEATING RATES

In an ever-increasing number of communities the gas company grants a special low rate for house heating. In many such communities the cost is often less than the all-over cost of heating with coal or oil, when the expenses of fuel, labor of furnace tending, and ash removal are considered for coal; and the cost of gas pilots, electricity, depreciation of burner, servicing and repairs are totalled for oil.

Even when the cost of gas heating appears materially higher for gas, the comfort, convenience and reliability of Bryant Gas Heating more than offset any difference in cost.

The savings in housekeeping upkeep and redecorating and in doctor bills, which cannot be computed in advance, are plus-values which accrue to all Bryant owners.

Furthermore, the fact that there are 35 standard sizes of Bryant Boilers and Warm Air Furnaces means that exactly the right plant can be fitted to your home, no matter how large or small it may be. You will not be asked to spend a single dollar for an over-sized plant nor risk your comfort and health on one even a slight fraction too small.

YOU CAN KNOW YOUR COST IN ADVANCE

The cost of installation and operation of a Bryant in your home can be accurately and dependably figured in advance. This is a service we are glad to render—without obligation. It is worth our while to have you know the facts and be in a position to tell your friends and neighbors the whole story of the delights of Bryant Gas Heating.

For this purpose we maintain branch offices in 34 cities, manned by carefully trained heating engineers. Through the nearest of these offices we will promptly supply you this information.

And remember this.

A Bryant Heater can be connected to your present heating system just as efficiently as it can be installed in a new home.

BRYANT GAS HEATING

lets your Pup be your Furnace Man

The latest Bryant closed crystalline-finished cabinet with all controls and accessories concealed. An instrument panel concentrates at one point the few gauges which ever call for the owner's attention. Bryant Boilers, designed exclusively for use with gas, can be used with hot water, steam or vapor systems.

IN the Bryant Gas Heated house you can . . . Throw away your coal stove . . . Junk your ash can . . . Make a single match your winter's kindling. . . . Tend furnace by the calendar, not by the clock . . . Live in a warm house, sleep in a cool one . . . Add a useful room to your house . . . Laugh at the ups and downs of the temperature outside . . . Enjoy winter . . . and "let your pup be furnace man."

Bryant Gas Heating provides ample, uniform warmth—thermometer-measured to a single degree of the day and night temperatures you prefer—with no more effort or bother than the winding of a good 8-day clock.

Many a Bryant owner makes only two trips to his furnace room a year—one in the fall to light his Bryant, one in the spring to turn it off. And in the meantime no one needs to keep an eye on the fuel bin or storage tank or worry lest a cold spell suddenly exhaust the supply of fuel on hand.

Let us send you complete literature describing this truly automatic heating proved by twenty years of performance.
How Tony Sarg battled with Rust

“When I first saw my Nantucket house—seven years ago—I felt sure I had at last found the proper setting for my work. If I am to create gay and glad things I must have surroundings of peace and restfulness to work in. The house is a typical New England style—more than 250 years old. It possesses some of the quiet Puritan dignity, some of the rugged whaling atmosphere that is characteristic of Nantucket... This was—I said to myself—going to be the ideal place to work in. All I needed to do is to put in the house whatever few conveniences a Twentieth Century citizen needs, and live happily ever after.

“Accordingly, I proceeded to install electricity and plumbing. And—knowing little about such things, I permitted rustable water pipe to be put in the house.

“Before one year was up I knew there was something wrong with my theory of peace and rest. For there was trouble with the water pipe! Rust was in the house! The water came out of the faucets in a brownish, rusty stream. I had to drink this ugly water, and mix my colors with it.

“The next year, every time I wanted to bathe, I had to wait a small eternity—so slowly did the water trickle into the tub. Later the pipes developed leaks—and unsightly rust stains appeared on the ceiling and some of the walls.

“After the third year I decided that Rust and I just couldn’t live together in the same place. Rust had to be thrown out! And so I had all the pipe ripped out. I put in shiny, new Anaconda Brass Pipe—both for the hot and the cold water. That was four years ago. Since then I haven’t seen a single sign of rust. The water is fine—summer and winter—free-flowing, clear and fresh. I can paint, and work, and live—free from rust annoyances.”—Tony Sarg

The water in Nantucket is unusually corrosive. That is why rustable water pipe gave out after only three years. But even under average conditions, investigation shows, rust is evident before seven years are up.

How Rust Affects the Water Supply: If your water pipe is made of rustable metal—rust deposits form in the pipe.
April, 1929

Of its many charms, perhaps the greatest which Nantucket possesses is that of undisturbed antiquity. Wind-swept and sea surrounded, it has kept the peculiar stamp placed on it by the early sea captains of the whaling industry. Those men—men of high spirit and fortitude—built houses that today stand as monuments to their taste and craft. Mr. Tony Sarg's house—over 250 years old—is a beautiful and fitting example...

and Won!

to clog it and reduce the flow of water, often to a thin trickle. Frequently the water becomes rust-tainted and unpleasant to drink or bathe in. As rusting progresses, leaks may develop freeing water to flood the house or cellar and perhaps damage your furniture or walls and ceilings. Then, the rusted pipe has to be replaced.

Anaconda Brass Pipe cannot rust. It cannot clog with rust deposits. It is strong and durable. It frees you, once and for all, from all rust troubles. That is why the use of Anaconda Brass Pipe actually saves money. This saving in repairs and replacements is considerable—about $430 during the first fourteen years in the average $15,000 house.

How Rust Affects the Outside of Your House: Your rain-pipes, gutters and roof flashings are constantly exposed to water and weather. If they are made of rustable metal they quickly develop leaks. Rain water seeping through mars the house with ugly stains may rot the woodwork and damage the structure of the house. Costly repairs are then necessary... and after 5 to 8 years under average conditions sheet metal work of rustable metal needs replacement.

Rain-pipes, gutters, leaders and roof flashings of Anaconda Copper cannot rust. They never need painting—and last many times longer than anything else you can use. Anaconda Copper is attractive in appearance. Time only improves its beauty, and its use actually saves money. This saving in upkeep during the first fourteen years is estimated at $335 for the average $15,000 house.

Send for this vital information

"The Home Owner's Fact Book" by Roger Whitman

To those interested in acquiring a home, "The Home Owner's Fact Book," by Roger Whitman, the eminent building economist, is offered. It deals with many important facts often overlooked, and gives authoritative advice on home-building and home-buying. Sent upon receipt of twenty-five cents... The booklet, "Rust-Proofed," containing informative data on the advantages and economies of rust-proofing the house, will be sent free. Address: The American Brass Company, Dept. H-2, General Offices: Waterbury, Connecticut.
Why Pay More for a Six Than for This Straight Eight?

The flow of smooth, flexible power possible only with a Straight Eight motor approximates the evenness of steam and electricity. This elastic power, of tremendous reserve, results from the continuous overlapping of the power impulses...no intermissions, no jerks!

No matter how fine a body a car may have, the kind of transportation it renders is dependent upon the motor. It is obvious therefore that the Straight Eight motor makes possible a finer vehicle...quicker acceleration; freedom from ordinary driving worries; less shifting of gears; hills in high; effortless efficiency and inherent strength and reserve to stand up and endure longer. Also an economy of operation that shames the larger Sixes. When such desirable qualities as these are offered in a big, fine, roomy, four door sedan for $1495, it is no wonder that thousands refuse to pay more for less.

Lycoming motor; strongest frame under any car; 125" wheelbase; more horsepower than any other stock car per size; dual carburetion; dual manifold; Bohnalite steel strut pistons; thermostatic heat control; cam and lever steering; Bijur chassis lubrication; four wheel, hydraulic internal expanding brakes; four hydraulic shock absorbers; Brewster non-glare windshield; starter button on dash panel; luxura type upholstery springs.

AUBURN
POWERED BY LYCOMING

AUBURN AUTOMOBILE CO., AUBURN, INDIANA
A $5000 bathroom
—and a $500 one

Here are two bathrooms. One is richly luxurious. The other is unassumingly simple. Both are beautiful.

They are beautiful because they employ color beautifully—and because the decorator has found in Kohler Colorware a new artistic medium which enables him to make even the most modest bathrooms beautiful beyond all former standards.

Kohler Colorware is the very essence of the charm of these delightful modern bathrooms. Yet here is a surprising fact—even though this ware is somewhat more expensive than white, it adds comparatively little to the cost of the finished bathroom.

Color in the fixtures does not increase the cost of installing them; or of the Kohler fittings in gold or chromium plate; or of the floor, walls, and accessories. You can have Kohler Colorware in your bathrooms and hardly know the difference.

And what lovely ware it is! What satisfying colors to live with. Delicate shades of green, blue, lavender, ivory, gray, and brown. And a gleaming jet black that makes a picture of startling beauty when trimmed with softly polished fittings of plated gold.

Lovely—and fine! For all Kohler Ware partakes of the quality of the place where it is made—the Village of Kohler, one of the most beautiful town-planned communities in America. It is made by men who have so mastered the arts of the enameler and the potter that they can produce this truly finer ware at a cost that even ordinary ware strives hard to equal.

You will want Kohler Colorware for your bathrooms. No other ware offers such opportunities for beautiful color harmonies. And you can have Kohler Colorware at any price, almost, that you may care to pay—choosing from an endless variety of patterns and sizes, with lavatories (in color, with fittings, ready to install) ranging from $35 to $800; bath tubs from $70 to $500; and toilets from $65 to $150. All of Kohler quality—the very finest.

Visit a Kohler display room. Consult your plumber. And mail the coupon for our new illustrated book of Kohler Plumbing Fixtures.

NEW 72-PAGE BOOK FREE
Please mail this coupon to Kohler Co., Kohler, Wis., for a helpful book for the home builder. Illustrated in color. Shows bathrooms, kitchens, laundries; color schemes; floor plans; prices.

Name...
Street...
City... State...

© 1928, Kohler Co.

Kohler of Kohler Plumbing Fixtures
Look for the Kohler Trade Mark on Every Fixture
Thought and good taste have gone into this room . . . the well-chosen furniture . . . the cheerful window . . . the quaint, braided rug . . . and underlying it all, the warm, firm stateliness of oak.

YOUR GUESTS . . . DO THEY FEEL INSTANTLY AT HOME?

In upstairs bedrooms, as in the rooms below, a friendly floor of oak is an asset to hospitality.

More than any other part of the house, you depend on your guest-chambers to convey to those you entertain a sense of sincere welcome.

They must have restfulness and charm—these rooms—and the kind of good taste that expresses itself in thought for the comfort of others. How perfectly a floor of cheerful, polished oak blends with such an atmosphere! Oak, with its rich, glowing tints and distinctive graining, forms the ideal groundwork for period furniture and fine rugs of every kind.

Of course your home is floored with oak downstairs. But do the halls and chambers above have oak floors, as well? Have you ever inquired into the cost of having your house floored throughout with this strong, beautiful, enduring wood? If not, you will be surprised at its reasonableness.

If you are building a new house the cost of flooring with oak is but very little more than that of softer woods. And to lay oak over old floors in your present home is actually no more expensive than to purchase ordinary carpets! In either case oak floors are a remarkable investment, not only in comfort and satisfaction but in actual cash. The value of the property is definitely increased the moment oak floors are laid. If you should ever care to rent your house or sell it, you will realize a profit many times as great as the expense of flooring with oak.

Whatever the decorative style of your home, oak floors should be among its harmonizing elements. They are so easy to keep clean and shining, and long use only enhances their mellow, deep-grained beauty.

Let us tell you what you want to know about oak flooring—or give you advice on any flooring problem you may have. This advertisement is one of a series published by the Oak Flooring Bureau, 1247 Builders' Building, Chicago. A non-profit bureau maintained by the oak flooring industry for the benefit of home owners and builders.
A WORLD of decorative ideas for your home opens before you when you see the 32 fascinating new shades of ARTLAC.

Here for the first time is a paint which puts in your hands the really smart colors that match the newest rugs, curtains and upholstery. Subtle shades that were only available before to professional decorators, skilled in the blending of colors.

And Artlac is a miracle to use. It spreads like a ripple from your brush, leaving a satin-smooth surface behind. No ridges, no brush marks!

It dries quickly enough for convenience, yet deliberately enough so that drying will not outspeed your brush. And it has no unpleasant odor!

Leading department stores now feature Artlac for finishing unpainted furniture or for rejuvenating old things. Ask for Artlac at your favorite department store today.

In the gay little room above you see a bouquet of the Artlac colors. The chairs are painted with Jasper. The hanging shelves and the inside of the china cupboard are Porphyry. The mellow orange and yellow are Apricot and Topaz.

You can create a decorative scheme to your heart's desire from Artlac's 32 colors. There are soft shades, and brilliant shades that make you catch your breath, and fascinating odd shades that make your fingers itch for a paint brush.

Send for the Artlac Color Card and see for yourself. An exhilarating booklet comes to you also which will open your eyes to the hidden beauties of your house.
As cheerful... as Mr. Robin Red Breast's Song

WAITE SUMMER RUGS

The work of the best designers in modern art—welcomed in the fine homes of Bar Harbor and Lake Forest—and styled by Waite to retail at prices from $22 downward!

Soon the youngsters will come hopscotching home from school for summer vacation to scuffle and play. Soon father will be tracking in stains from the fresh mown lawn and the greasy garage. Summer winds will be blowing grit through open windows. Roll up your Orientals and send them to the cleaners—spread out, for the season, a Waite Summer Rug that breaks the monotony of winter's sameness with springtime's beauty. The saving you make on valuable rugs more than pays for it.

Nowhere else except in the Waite Rug such as illustrated here can you obtain a tough, non-marring Kraft fibre surface, a cushiony interior of American wiregrass—patented, exclusive Waite features. A triple color surface keeps the pattern fresh and bright. Washable, non-curling, with reversible patterns that do not fade. There is a dealer near you who carries a wide variety of patterns and sizes. If you do not know his name, send us the coupon and we will inform you and mail you a free catalog of natural color photographs of our selections.

WAITE CARPET COMPANY
Dept. H, Oshkosh, Wisconsin

Please mail me a free catalog of Waite Summer Rugs, braided canvas ovals and Wool-Waite Ovals. I am planning the decoration of a which has rug space of .

The firm from whom I usually purchase house furnishings is

Name
Street
City
State
Careful Home Buyers Insist on Insulation

How much better it is to think of insulation before you build or buy than to be reminded of it later by wasteful heat-leakage; dampness, chill and draughts!

And how quickly you realize that uninsulated houses are out-of-date when you visit homes that resist the passage of heat... that help keep furnace warmth inside during winter and scorching sun heat outside in summer!

Celotex, more than any other material, brings these advantages of insulation to American homes. It saves 25% or more on fuel bills; protects health and increases comfort all the year.

As a heat-stopper, Celotex is three times as effective as wood, eight times plasterboard, twelve times brick and twenty-five times concrete.

Its effectiveness is proven by the fact that it is used in thousands of refrigerator cars and household refrigerators, as well as in more than 250,000 homes.

Celotex is the only insulation made from the long, tough fibres of cane. It comes in big, strong boards, 4 feet wide, 7 to 12 feet long and 7-16 inch thick. These boards withstand all kinds of weather and add structural strength to buildings when used as sheathing.

Celotex is also used for insulating roofs; for lining basements, attics and garages; for making comfortable extra rooms out of waste spaces.

As interior finish, Celotex adds new beauty to homes through its natural tan color and delicate fibre texture.

And for plasterbase there is Celotex Lath 18 inches by 48 inches, and 7-16 inch thick. It is especially designed to reinforce against plaster cracks and eliminate lath marks... to give finer, smoother plastered walls.

Ask your contractor, builder or architect for further information on Celotex—and send in the coupon below for our free booklet. The Celotex Company, Chicago, Illinois. In Canada: Alexander Murray & Co., Ltd., Montreal. Sales distributors throughout the world. All reliable dealers can supply Celotex Building Board and Celotex Lath.

THE CELOTEX COMPANY
645 North Michigan Avenue, Chicago, Illinois

Please send me free your illustrated booklet, "Year 'Round Comfort and Fuel Saving for Every Home."

Name
Address
City State
The key

TWO FIRESAFE HOMES

At the left is pictured a home which has a firesafe concrete floor under an attractive covering.

The picture at the right shows the living room in a home which also has a concrete first floor. Here the concrete is not covered with any other material—it is troweled smooth, colored, marked into squares and wax polished.

PORTLAND CEMENT

CONCRETE FOR PERMANENCE
SUPPOSE that fire should destroy your home tonight! Doubtless you are insured against financial loss—but money cannot replace cherished possessions, nor compensate for the danger and anxiety that fires always bring.

Basement fires are especially dangerous and costly—at least one-third of all residence losses are due to them.

A concrete walled basement, and first floor of reinforced concrete, will effectively control this fire-hazard. It is the key to firesafe homes—the first line of defense. Even though the rest of the house may be burnable material, the slight extra expense of a concrete floor is more than justified.

The surface of the concrete floor may be of hardwood, tile, or linoleum; or the concrete itself may be finished smoothly, tinted, and waxed—some very beautiful effects are secured in this way.

A concrete first floor increases the strength and durability of the entire house. It prevents sagging and settlement of partition walls, thus eliminating one cause of cracks in plastering.

It is best, of course, to build a house of concrete throughout—cellar, floors, walls, and roof; because you will then have an absolutely firesafe home—and at a cost surprisingly low. But whatever the materials in the rest of the house, insist upon a concrete basement and first floor.

ASSOCIATION Chicago

AND FIRESAFETY
O
riginal creative design is being demanded in constantly increasing measure by clients who wish their surroundings to be individual.

This originality is shown in two quite distinct ways in the work of interior decorators. (1) It may be in the selection of inherently beautiful objects—placed together in finely considered composition that is sincerely expressive of the client. (2) It may be—as in the days of the great designers of the past—in the creation of the individual articles themselves. Members of The Decorators Club are constantly doing both kinds of work.

But whether in ensemble or in individual articles, this originality is best used in the interest of the client by the decorator who has the following standards. She must serve her client with sincere and unprejudiced ability.

"The members of The Decorators Club believe that clients can be safeguarded in their expectation of competent and beautiful work only when those calling themselves decorators (1) have had thorough educational preparation, (2) have had sufficient practical experience to guarantee sound workmanship and good values, and (3) maintain unquestioned ethical practice."

Upon these cornerstones of sincerity, unprejudiced service and sound artistic advice is built the profession of Interior Decoration.

Among many other well-known decorators—members of this organization—are those whose names appear in the accompanying lists.
AMONG their new linens, Mosse, Inc. have a mummy cloth and rayon breakfast cloth and six napkins, which boast not only an unusually fine texture but the added attraction of a modern floral center pattern and a blended border. This set is available in green or orchid. French luncheon doilies and napkins with a distinctly Victorian flavor, due to their quaint color print, are pleasingly different and may be had in blue, rose, or green. Cocktail napkins of fine handkerchief linen are embroidered with amusing incidents associated with a trip to the South Seas. For dinner, a mixture of fine linen and rayon in a woven cloth, champagne in color, is decidedly luxurious in feeling.

FOR informal luncheons, colored cloths are both smart and practical. They lend a needed note of color to the table and harmonize well with much of the modern china. Rena Rosenthal is featuring hand-dyed muslin luncheon sets which were especially

MRS. GEORGE DRAPER
PRESIDENT

THE ARCHITECTURAL CLEARING HOUSE, INC.

Architectural Plans

Decorative Schemes

The average house seldom attains perfection, because there has been no one experienced person to correlate the work of architect, landscape architect and decorator with the owner's own ideas. Mrs. Draper selects such experts for you, consults with them throughout, and is responsible for every step from the first blue print to the last curtain.

Her services are available not only for private houses, but for hotels, apartment houses, clubs, shops, and suburban building developments. Folder on application.

186 East 64th Street
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THE Linen Shop at Lord & Taylor is featuring appliqué work on colored linens, and flat embroidery on such sheer materials as handkerchief linen, organdy, and batiste. An ochre colored luncheon cloth of Belgian lace, dainty enough to have been spun by fairy hands, has a center outlined with Turkish point stitching. Unusually interesting and pleasing change from colored linens is an Irish linen dinner cloth in a black and white...
modern design. This cloth is reversible and may be used on either side with an attractive effect. For the bathroom this shop features guest towels of Italian linen in solid colors, (peach, yellow, green, coral, strawberry or blue) available with or without monograms. The monograms are quite new and different—a seed stitch in unusual forms. In a deeper shade than the towel itself, in a harmonizing or contrasting tone these monograms are extremely smart.

FOR formal use James McCutcheon & Co. feature the conventional white linen damask cloth, either plain or with a satin band. Ivory colored rayon and linen with a floral center pattern makes a luxurious and appropriate dinner cloth, and if a touch of color is desired, there are white linen cloths adorned with hand-painted rose motifs in soft tones of rose, yellow and green. Exquisite in color are a sheer Spanish linen dinner cloth in peach with openwork embroidery, and a green embroidered hand-woven

ELSIE DE WOLFE
Furniture
Interior Decoration
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677 FIFTH AVENUE
NEW YORK
Italian linen cloth with fringed bands of cream colored antique filet lace running lengthwise so as to show the lace to best advantage. New guest towels are decorated with borders of both lace insertion and fine embroidery. Motifs range from the ever popular ships and birds to the newer fish and other under-the-sea themes. Of Irish linen, some of the colored hand towels have a modern wave pattern which is both new and smart. Green, gold, peach, orchid, blue and strawberry are the colors in which this towel may be had.

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handkerchief linen in two tones makes a distinctive tea cloth and six napkins. Orchid with pink, and green with gold are the two available color combinations. Vari-colored fringe is one of the points that recommend a cream colored Italian linen luncheon set. Cross-stitch embroidery also embellishes this refectory strip set which consists of two 108" strips, two doilies, a centerpiece and a dozen napkins. A novel bridge set boasts Sicilian drawn-work card motifs in each corner of an Italian mosaic cloth.

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It would be idle to deny that in some quarters the breed has gained an unenviable reputation, especially in America, but the blame for this belongs on mankind. Let me explain:

The Shepherd, as I have said, is by nature a countryman and bred in ways of peace and dependability. His is a rather sensitive, finely balanced character and for numerous generations he led a quiet, simple sort of rural life. Think of him as a true sheep dog, and you will gain an accurate conception of what he is like if given a chance.

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THE GERMAN SHEPHERD

By ROBERT S. LEMMON

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April, 1929

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WICKWIRE Spencer Fence is dog proof.

Within its protection you may exchange a friendly greeting with a neighboring dog-owner without fear of a treasured bone being disinterred from under some choice planting, or your flowers broken by canine enthusiasm. The demand has grown rapidly for a good-looking, strong, lasting fence, easy to erect. So rapidly in fact that we, as a leading manufacturer, are able through quantity production to offer a quality fence at a price unheard of a few years ago.

There is a Wickwire Spencer Representative near you. Write the home office for complete details and prices.

Wickwire Spencer Steel Company

39 East 42nd Street, New York City

WICKWIRE SPENCER

Chain Link Fence
DOMESTIC FINISH?

What does study in Europe give young people? Something unmistakable, but hard to define.

Young people who know other languages, other points of view, other countries than their own, have a poise not possessed by those who have only what the laundry used to call “a domestic finish.”

A year’s study abroad is invaluable in the plastic years. Particularly for children who inherit a social position.

European schools are now available at several points in a boy’s or girl’s educational career. There are glorified tutoring groups under competent instructors that children in their early teens may join. Many American boarding schools now give their students the option of taking the junior year abroad in a foreign branch of the parent school.

Several schools abroad are managed by American heads, on American standards, for American patrons, and staffed with foreign teachers. There are the great universities of Grenoble and Santander where graduate students may take up serious study in scholastic surroundings. We have known several mothers who took courses while they here children went to secondary schools nearby.

Many of these foreign schools advertise in our pages. Our Educational Bureau is glad to suggest other schools abroad, as well as to give information on American schools or camps. There is no charge for this service.

THE CONDÉ NAST EDUCATIONAL BUREAU
1930 Greybar Building, Lincoln at 43rd Street, New York City

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Accredited. Successful preparation for Wellesley, Smith, Vassar, etc. Graduates enter college. College courses in art, music, agriculture, government, home economics. In every year: General studies, music, art, home economics, modern languages, literature, social science, English. Director: F. L. Mooney, Ed. D.

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The tremendous interest in beautifying homes has created a tremendous demand for women who have had practical training in Interior Decorating. Gift shops, department stores, furniture houses and decorating establishments everywhere are looking for women with trained taste. And, it is easy to start a business of your own, full or part time. The work is fascinating—the pay high.

Learn Quickly at Home

To meet this urgent demand for Interior Decorators, the National School offers a practical Home-study Course—which has already equipped hundreds to take advantage of the splendid opportunities. With our training, you too can, in a few months, be earning real money in this profession. Successful New York Decorators give you personal instruction, by mail. Twelve prominent men and women, leaders in the field of home-beautifying, have contributed to making the Course amazingly easy and practical. No previous education, training or experience required.

Mail Coupon for Free Book

If you are seriously interested in finding a pleasant way to earn more money, mail the attached coupon for FREE BOOK on Interior Decoration, which outlines the remarkable opportunities and describes this practical Course.

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Director. Free information. Send address on envelope for Free pamphlet.

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SHORT STORY WRITING

A practical forty-lesson course in the writing and marketing of the Short Story taught by Dr. J. Berg Esmein, Editor of The Writer’s Monthly. 275 page catalog free. Please address

The Home Correspondence School

Springfield, Mass.
Doors rattling with the wind at night—don't take it for granted that you will avoid this annoyance in your new home because it is new!

It is in newly finished houses that doors are most apt to go wrong. Hang while the plaster is damp they often swell; then when the furnace is operated, they shrink and warp until they no longer fit snugly and the locks no longer catch. It is natural for ordinary doors to act that way!

To eliminate this trouble, the largest makers of doors in the world have perfected a door that withstands heat and cold and dampness. These improved doors are known as "Laminex doors."

In sensational door soaking tests held in cities throughout the United States, Laminex doors, in water for days at a time, showed no perceptible sign of warping.

Laminex doors are, in fact, guaranteed not to shrink or swell or warp—and that guarantee you get on the bottom of every door.

To be sure in your next home that the doors are this trouble-proof type, we suggest that you check now with your architect or contractor to see that "Laminex doors" is written into the specifications. You may have Laminex doors in beautiful designs and made from lovely woods.

And the difference in cost will be scarcely noticeable—perhaps three or four dollars more for all the doors in a six-room house!

If you would like to see a free sample of Laminex wood and wish to know which of the progressive millwork and lumber dealers in your city can supply you, mail the coupon below.

LAMINEX DOORS
Will not shrink, swell, or warp
Performance That Thrills...

The new Graham-Paige sixes and eights, distinguished by their beauty and comfort, possess also the thrilling performance of four speeds forward (two high speeds with standard gear shift). Fourth, used most of the time, reveals a new smoothness and swiftness; third, a quiet internal gear, gives rapid acceleration in traffic and up steep hills. You are invited to drive—for only personal experience can give you an adequate appreciation of this time-proved four speed performance.

Five chassis—sixes and eights—prices ranging from $885 to $2495. Car illustrated is Model 615, six cylinder Roadster with rumble seat, $1195 (special equipment extra). All prices at factory.

Joseph B. Graham
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Graham-Paige
Your Architect's Choice for Your Roof

When planning a home of English, French, Spanish or Italian architecture, the well-informed architect usually specifies a roof of IMPERIAL Roofing Tiles.

For his years of study and extensive travels abroad have taught him that tiles are the appropriate roof for homes of European origin.

But this is not his only reason for specifying IMPERIAL Roofing Tiles. He also knows that no other roof is as lasting, as unchanging in color, and as resistant to fire and the elements.

There are IMPERIAL Roofing Tiles to harmonize with every type of architecture and with every color scheme. Rough in texture and mellow in tone, they actually cannot be distinguished from the time-worn tiles of the Old World.

Yet the less expensive ones now cost no more than a commonplace, non-fireproof roof which must periodically be renewed. Write to the address given below for illustrated literature.

IMPERIAL
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LUDOWICI CELADON COMPANY
NEW YORK 565 FIFTH AVE · CHICAGO 104 S. MICHIGAN AVE · WASHINGTON 738 FIFTEENTH ST. NW.

FOR INFORMATION CONCERNING YOUR ROOFING PROBLEMS, ADDRESS DEPT. A-4, 104 S. MICHIGAN AVENUE, CHICAGO
Lupton Casement Windows

April, 1929

A PRISON IS A HOUSE WITHOUT WINDOWS

Windows make a house a home. They welcome the morning sun with gleaming cheerfulness. They glow through the dusk, mellow and hospitable. On gala nights they sparkle with the gayety and color of the merry throng within.

Daily you are reminded of their importance. They are opened to gather the breezes of a summer's day, or shut snug and tight against the whispering snows of winter. From without, they break the line and color of dead walls. From within they frame ever-changing pictures of trees and roads, of fields and gardens. It is the perfect blend of all this beauty and comfort which has given steel casements the preference in the modern dwelling.

The construction of Lupton Residence Steel Casements enables the use of pleasing slender supports between panes, giving supreme grace and delicacy of line to the frame. The new Lupton friction-hinge makes smooth operation a certainty, and prevents the window from chattering in a stiff wind. When the window is closed, there is a double contact of steel on steel which locks out cold and dampness, saves weather stripping and cuts down furnace expense. When opened, both sides of the window can be cleaned from within the room. A special ventilating notch, for winter use, keeps cloudy moisture from gathering on the inside panes. Lupton Steel Casements will not swell or stick on damp days. Made of copper-steel to protect them against corrosion, Lupton Casements will serve you as long as the house stands.

Lupton Casements cost little more than the average old-fashioned window.

If you are planning to build or to remodel your old home, have us send you the free booklet, "Better Windows for Your Home." It is filled with interesting and practical window suggestions. Write for it today. David Lupton's Sons Co., 2235 E. Allegheny Ave., Philadelphia.
The home of your dreams come true, a home with a dry, clean basement designed for daily, practical use. The home of your dreams come true, a home whose uniform temperature of 70° throughout the entire house is absolutely assured by a well placed radiator in every room. Such a home means health and a longer, happier life. Such is the house of the homebuilder who, today, answers the beautiful, natural call to make a home.

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AND ALL PRINCIPAL CITIES

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I am interested in receiving . . .

☐ particulars of your convenient payment plan by which my home may be heated for less than $75 a room.
☐ particulars of the Building and Loan Association financing plan.

—Alfred Tennyson
A slate roof in harmony with the type of the house—that is the new trend in home-building.

Slate, you know, being hand-fashioned rock lends itself to individual treatment. In the past this has been expensive, involving special diagrams, over-heavy slate, etc.

But the Pennsylvania Slate Institute has prepared a series of model roofs, laid from specifications so simple that any roofer can lay them and at little extra cost. Write us the type of home you are planning and we will send photo and specifications for a harmonizing slate roof.

BEAUTY without EXPENSE

Figured on the life of your home, Pennsylvania Blue-Grey Slate is the cheapest roof you can buy. First cost? A little more than the cheapest roofing but actually less than many artificial roofings.

Remember, Slate carries "the age-old charm of hand craftsmanship"—a charm doubly attractive in this "machine-made" day.

Booklet, "What You Need to Know About Roofing Slate" on request.

PENNSYLVANIA SLATE INSTITUTE, INC.
PEN ARGYL, PENNSYLVANIA
New York Office: 507 Fifth Avenue
These Screens...designed to enhance the charm of your home

Built for
Longer Service-
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Screens that are designed to blend beautifully with the lines of every window, door and porch, adding to the charm and character of your home—this is what Higgin now offers you, through a nation-wide organization of screening experts.

Rolling Screens, Hinged Screens, Sliding Screens...all built to give years upon years of perfect service. So trim and smart in appearance. So easy and convenient to operate! The narrow all-metal frames never twist, warp or break. The semi-invisible mesh is scarcely seen...sunlight and fresh air flood your rooms!

The Higgin representative in your locality is a trained specialist, always ready to serve you. He will gladly discuss your screening problem with you and give you an estimate, free of charge.

More than a third of a century's experience in solving screening problems is back of this service.

THE HIGGIN MANUFACTURING CO., NEWPORT, KY.
KANSAS CITY, MO. TORONTO, CANADA

HIGGIN
ALL METAL SCREENS
Cost

$42 . . .

to end repair bills

. . . for 200 years

Mr. F— was discussing his proposed home in New Rochelle, N. Y. "I'd like to have the exterior trim absolutely rot-proof, but I guess I can't afford it."

"You're spending $10,000," the architect replied, "using ordinary lumber. $42 extra will buy Tidewater Red Cypress—and that should last you 200 years."

Mr. F— was amazed. "200 years?" he asked.

"Hundreds of pre-Revolutionary Cypress houses," said the architect, "are still standing. Not a cent has ever been spent on them for repairs. What better proof could there be?"

So Mr. F— chose Tidewater Red Cypress, the Wood Eternal, knowing that the small extra cost would be repaid many times over in freedom from repair bills, and in a permanently high resale value.

You also may be confident that anything favored by the great body of American architects must be a sound purchase.

A Book of Homes—sent to you FREE "Money Saved for Builders" offers a new way of assisting home-builders. It pictures dozens of attractive new houses and venerable specimens of the best early American architecture. This is not a book of commonplace printed plans. (To get the home of your dreams, by the way, we advise you to retain an architect—he usually saves you much more than his fee.) This booklet gives amazing proofs of the durability of Tidewater Red Cypress, tells how it is grown along the lower Atlantic and Gulf Coasts, tells how to cut the cost of operating your home, and explains why only "coastal type cypress" can give you its distinctive beauty and durability.

Specify

TIDEWATER RED CYPRESS

The Wood Eternal

Tidewater Red Cypress has served for 155 years in this time-mellowed Plantation at Colina, Louisiana.

Arthur T. Remick, architect, employed durable Tidewater Red Cypress in this charming modern house at Montclair, N. J.

Southern Cypress Manufacturers Association
H. C. Barnett National Bank Building
Jacksonville, Florida

Gentlemen:
"Money Saved for Builders" will be very useful to me. Please send me a copy.

Name

Address
The art of colonial builders found full expression in White Pine

The Sawyer-Hale House, Newburyport, Massachusetts
About 1775

Built of White Pine and still standing

FROM master to apprentice, from father to son, Colonial craftsmen passed their pride of manual skill. To them homebuilding was an art. Charming, sturdy homes—many of them still standing—reflected the builders' eager dreams of a new empire. The faithful translation of their genius was entrusted to the most enduring wood obtainable, White Pine.

Millions of feet of this same wood—now known as Idaho White Pine—grow in the Inland Empire of our great Northwest.

Nature's most perfect building lumber, Idaho White Pine is strong, yet light. The soft fiber and even texture render it extremely workable. Idaho White Pine responds with a beautiful finish to oils, paints and enamels. Smooth and satiny, its surface stays unmarred by the hand of time. Impervious to weather, unaffected by time and wear, Idaho White Pine remains pleasing and serviceable for generations.

Colonial homes command a wholesome respect for White Pine. Wherever Idaho White Pine is used today—for knotty pine paneling so much in vogue, stairways, built-in features, any interior or exterior trim—the same lasting and beautiful qualities are evident. Idaho White Pine can be obtained through your local lumber dealer. He supplies it frequently to his most exacting customers. Your dealer and architect will be glad to tell you more about Idaho White Pine and how it will serve your particular requirements.

Western Pine Manufacturers Association of Portland, Oregon.

A charming cupboard provides an attractive addition to the interior setting. Idaho White Pine is a splendid wood for all built-in features—capable of fine paneling and unusual carving where desired.

Idaho White Pine possesses to a high degree the chief virtues of an outdoor finish wood—durability and ease of workmanship. A strong wood, it is free from sap, and of clear face wherever exposed.
WHEN YOU BUILD OR REMODEL, INSULATE YOUR HOUSE WITH

INSULITE
the Wood-Fiber Insulating Board

THE NATION'S PROTECTION AGAINST HEAT and COLD

FOR eighteen years INSULITE has stood for good insulation in homes and buildings of all kinds. Its all-wood sturdiness and heat resisting qualities have performed unceasingly a comfort-giving, money-saving service for people in mansions and cottages, in commercial structures of every variety.

Winter cold loses its terrors. Summer heat is no source of dread. Locked against the elements is the house thus protected—and a sure means of economy in reducing fuel bills.

Humidity is no cause of annoyance; sounds that once echoed from room to room are softened; health is better protected; the building itself is greatly improved, because INSULITE is a double purpose building board—structural strength and high insulating value in the one product.

Good lumber dealers can supply you with INSULITE Building Board for sheathing or for use as wall board; INSULITE Plaster Base; INSULITE for lining attics and garages—for roof insulation in old or new buildings, etc. Ask your architect and builder about it. And let us send you a free booklet—"Increasing Home Enjoyment."

INSULITE is all wood—plus the fabricating process which increases many times the natural insulating quality of wood fibers. Wood thus fabricated not only possesses great ability to resist heat, cold and noise, but has unusual strength and will withstand the action of time over long periods.

THE INSULITE CO., 1215 BUILDER'S EXCHANGE, DEPT. 8, MINNEAPOLIS, MINN.
MORE than beauty is at stake for those who are planning a home. The comfort of walls insulated against heat, cold and moisture, and the protection of fire-proof construction are essential to American standards of home life. The permanence of a well-built house, the security of investment, too, has a place of importance in home planning and building.

These things, all of them, and many other advantages of beauty, comfort, safety and economy, are assured through the use of Structural Clay Tile. Interesting literature describing the characteristics and use of this versatile building material awaits your request.

STRUCTURAL CLAY TILE ASSOCIATION
Formerly Hollow Building Tile Association
1402 ENGINEERING BUILDING
CHICAGO, ILLINOIS
Many women have been interested in tone-color window shades in home decoration, but they can't quite visualize what tone-color window shades would accomplish in their own rooms. So I asked Columbia Mills to make some of this beautiful tone-color shade cloth into a lamp shade for me. And then I placed it on a lamp in my own living room and saw what magic this accomplished in softening crude, glaring light.

The harsh brightness was turned into a soft, tinted radiance. The room became restful — home-like.

Now, I have asked Columbia Mills to send you such a lamp shade in any one of three colors you may choose — at a cost of only 25c. By all means get it and make the same test I made before you buy a single window shade this spring. See for yourself the transformation of this lovely soft radiance. Incidentally the test lamp shade (12" in diameter) is so attractive and durable that it will grace your home for some time to come.

Study your windows as if they were lamps — the lamps which light your rooms by day. Choose window shades from some of the fascinating new Columbia tone-colors. With these colors, you will be able to achieve unusual harmonies with wall paper and hangings — and at the same time fill your room with the living charm of toned daylight.

Be sure and send for your lamp shade, and make your own test!

Send for this lamp shade and see the magic of TONED LIGHT in your home!

Columbia Mills, Inc., 225 Fifth Avenue, New York

Enclosed find 25c for Tone-Color Test Lamp Shade (12" in diameter, complete with frame and ribbon) and we will send you a free copy of "Beautiful Windows," covering every phase of window decoration — hangings, curtains and shades. Profusely illustrated.

Columbia Mills, Inc., 225 Fifth Avenue, New York

Enclosed find 25c for Tone-Color Test Lamp Shade and FREE copy of "Beautiful Windows."

- Peach Skin - Etruscan Ivory - Persian Gold

Name: ____________________________
Address: _________________________
Town: ___________________________
Dealer's Name: ___________________
Old of the furace cums forth beauty

AN iron door gapes wide, and reveals a dazzling, blinding glare. Step a few feet nearer, and the raging heat will scorch the skin from your body. The door swings wider, and out comes—a bathtub, heated to a vermillion glow.

In a few deft movements, a crew of experts cover the gleaming surface with powdered enamel, and back it goes into the furnace. The process is repeated many times.

You can hardly identify the scene with the cool, appealing daintiness of a Wolff bathroom. As you glance at the skillfully harmonized tints, accurately matching the vitreous ware, you can scarcely believe that such beauty was created in the blazing inferno you saw a short time before.

The rich, alluring tones of Wolff “DURO” enameled fixtures—any shade your fancy prefers—are fused to the surfaces to stay. With the basic substance heated to an immense temperature—many hundreds of degrees—the enamel is introduced into its composition, and becomes a veritable part of it.

The result is permanence—through a lifetime and more. Hard scouring, severe friction, cannot cause any scar. Year after year you have a perfectly harmonized color scheme, with all the “DURO” brass parts, whether exposed or concealed, in perfect keeping with the beauty of the enameled units.

All of the better plumbers will be glad to show you examples of the latest Wolff color combinations.

Our artistic booklet, “Modern and Ancient Luxury,” traces the story of home adornment and decoration from the time of the Pharaohs to that of the Caesars, and from the Renaissance down to modern times. Richly illustrated in color. Write for your free copy today.

Name: ____________________________
Address: __________________________
City: ____________________________ State: ____________________________
April, 1929

For years architects and home owners have asked

"Can an asbestos shingle be beautiful?"

EVERYONE had conceded the resistance to fire, the long wear, and the economy of asbestos shingles. But until now, mellow, fast colors have been unknown. Shadow lines that make for architectural charm were impossible to attain. As a result, asbestos shingle roofs have been found on few homes of architectural merit. . . . Now Eternit has done away with each major objection by perfecting an amazingly beautiful roofing!

Eternit colors are rich and mellow, with soft, uneven surface and an age-old texture. Running shadows—particularly in the Horizontal Shingle, an original Eternit design—etch pleasant lines along the shingle edge. Blending in quiet agreement, both the shadows and the colors faithfully maintain the spirit of country estate or cottage.

The colors? Emerald Green, fresh and delicate as a leaf . . . Quarry Blue, a quiet natural slate color . . . Indian Red, bright and highly colored, flaunting and gay . . . Colonial Gray, quiet and gentle as a Quaker maid. They will not bloom or fade out. Because a special color treatment has been used in their manufacture, these Eternit shingles retain their rich colors under all weather conditions.

There are other colors. Autumn Bronze, an intense rich brown . . . and Heather-blends, a tapestry of five lovely shades. Aging with the elements, assuming the gentle texture that comes with old things, they become more beautiful with the blowing of wind and storm, the beat of the sun. Beautiful colors and original designs are not the only contributions of Eternit Asbestos Shingles. These shingles can be easily applied. They will not rot, or crack, or curl. They are absolutely fire-proof. And they are economical—both from the standpoint of first cost, and cost over the years. The expense of any further roofing is entirely eliminated, for an Eternit roof will last as long as the building stands.

Whether you plan to build, or whether your present home is ready for reroofing, your choice should be Eternit Asbestos Shingles. See your architect, builder, or the Eternit dealer today. Eternit, Inc., 9215 Riverview Drive, St. Louis. Offices and warehouses at Philadelphia, New Orleans, Houston, and Jacksonville. Also makers of Eternit Big-Seven Corrugated Asbestos Sheets, and Eternit Asbestos Flat Sheets.

FOR THE PROTECTION OF THE OWNER, EVERY ETERNIT SHINGLE IS TRADE-MARKED; EVERY ETERNIT ROOF IS REGISTERED
Hidden within your walls may be an enemy who waits to cause untold damage—or a friend who gives generations of faithful service. For partly dependable pipe is always a menace, no matter how high a price you pay for it. Only completely dependable pipe like Reading Five Point pipe is truly safe.

For ages, one pipe material—Genuine Puddled Wrought Iron—has been famous for its ability to withstand all the forces that cut down pipe endurance. Puddling—the kneading and working together of pure pig iron and silicious slag inside a flame-filled furnace—gives every inmost fiber of the metal a rust-proof coating.

There are no leaky joints, because this pipe is noted for its better threading. A tough, rope-like structure means immunity to strain or sudden breaks.

And the price of Genuine Puddled Wrought Iron Pipe represents only a small increase over the price of cheap, inferior pipe!

No substitute for Genuine Puddled Wrought Iron Pipe has stood the test of time. Because all so-called wrought iron is not genuine puddled wrought iron, Reading protects you by placing the Reading name and spiral knurl mark on every piece of Reading Five Point Pipe.

COUPON
I want to know more about the safety and economy of Reading Genuine Puddled Wrought Iron Pipe. Without obligation, send me your book, "Pipe Pointers".
Name
Address

READING PIPE
GENUINE PUDDLED WROUGHT IRON

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Here marble has been used for floor, columns, wall base and wainscot.

Marble Makes the Difference

Even a modest amount of marble used in the average home lends an atmosphere of refinement...of good taste...a distinction that smart people appreciate. For marble, with its alluring beauty, its inimitable colorings and veinings, is to the manner born...never commonplace...always distinctive. And marble is economical; its initial cost is comparatively low, and its maintenance is negligible.

There is No Substitute for Marble

We have recently published a series of books giving valuable facts and interesting suggestions about the use of marble in various buildings, including home and garden treatments. Write us, naming the type of marble work you are interested in, and a copy of the book covering that subject will be sent you immediately—without charge, of course. Address Department 6-0.

National Association of Marble Dealers
Rockefeller Building - Cleveland, Ohio
Its Permanency Is Traditional, Therefore This Guarantee of Service to Builders

Based upon reliable data covering the service record of cast iron soil pipe over a period of five centuries, together with all scientific information available regarding its longevity, and to demonstrate their unlimited faith in its almost everlasting qualities, the manufacturers announce their willingness to guarantee it for one hundred years, or for the life of any building in which it is used.

Cast iron soil pipe is recommended in connection with buildings and guaranteed for the following definite purposes:

- Soil Lines
- Waste Lines
- Vent Lines
- Leader Lines
- House Drains
- House Sewers
- Roof Drains

Guarantees will be made between manufacturers and building owners direct, and will cover specific installations.
Houses, like people, reveal character
by significant details of cleanliness

Very quickly a woman sizes up the people she meets. Their shoes, their gloves, or their finger-nails, tell her much more than their jewels or Paris hats. For these little details are the sure clues to authentic cleanliness. And this is equally true of your house. For it is not by its facade alone that people will know it, but by vital little details like its bathroom equipment. How many seemingly comfortable and immaculate houses are betrayed by a shabby toilet seat?

Yet this is a detriment that can be obviated in a few minutes by installing a handsome, inexpensive Church Toilet Seat. This toilet seat is strong, uncrackable, and smooth as glass. It fits any make of bowl, and may be installed in a few minutes with the use of only a pair of pliers.

And now in smart, modern colors too

Responding to the nation-wide demand for color in every room of the home, the Church Manufacturing Company is now offering a variety of fine toilet seats in modern colors. They are available in nine sea-pearl tints and nine richly lustrous pastel shades. They bring quiet beauty and decorative charm to a room that has suffered too long from monotonous lack of color. There are bathroom chairs and bathroom stools in the same smart range of colors.

The accepted standard of excellence

Church products are to be found in the finest homes, hotels and apartment houses the country over. They are the usual specification of architects.


Church Seats

"Toilet Seats for Better Bathrooms"

Sold by all plumbing stores since 1898
Learn How New Ways of Using Stone Lower Cost
Write for Booklet

The residence shown here is proof of the beauty of natural stone. Why, then, are there not more stone houses? They are being built now — the country over — because recently a way has been found to bring the cost of Indiana Limestone down to approximately that of stucco, brick or wood.

At the Indiana Limestone Company quarries this beautiful, light-colored natural stone is sawed into strips by machinery. These slabs, four inches thick and of various heights, are then shipped to the building site. There the stone is broken into lengths and laid up in the wall. Cost is but 5% to 6% more for this beautiful exterior “facing.” Let us send you a booklet showing more houses built this way. Learn how easily you may build of Indiana Limestone. Just mail the coupon.

Residence, Columbus, Ohio. Martin & Martin, Architects. Built of old Gothic Indiana Limestone Random Ashlar. All the plain facing of walls is the construction described here. Cut stone is used for sills, lintels and doorway only.

The stone is fastened to framework by metal ties, as is done in building with brick veneer. Stonemasons or bricklayers do the work. No carefully prepared drawings are necessary.

INDIANA LIMESTONE COMPANY

General Offices: Bedford, Indiana

Executive Offices: Tribune Tower, Chicago

Dept. 750, Service Bureau, INDIANA LIMESTONE COMPANY, Bedford, Indiana.
Please send booklet and information on Indiana Limestone Random Ashlar for residences.

Name
Street
City State
Balsam-Wool is a guaranteed Weyerhaeuser product—a blanket of fluffy wood fibre that looks and acts like sheep's wool. It is TRUE insulation—keeping the house warm in winter and cool in summer—because it is:

- FLEXIBLE-THICK
- EFFICIENT
- WINDPROOF
- WATERPROOF
- FIRE RESISTANT
- VERMIN PROOF
- LIGHT WEIGHT
- PERMANENT

This Heat Saver is an essential part of the modern Heating Equipment.

Put into your new home as fine a boiler as you please—and the newest and best radiators. If you stop there the heating equipment is not complete.

The boiler makes heat—lots of it, perhaps, and economically. The radiators put it into the rooms. But a third or more of it leaks out through the walls and roof. Costs you money. Does you no good.

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[ ] A new house
[ ] The attic of my present one

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3 ounces
heat this
home...

with FINGER-TOUCH CONTROL

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Hoffman Controlled Heat delivers ample heat with extremely low steam pressure. Anyone who has ever signed checks for fuel bills knows that this feature alone saves many dollars worth of fuel, whether coal, oil or gas.

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Naturally, this modern heating system has aroused the interest of thousands who plan new homes. The entire story of Hoffman Controlled Heat is included in our newly published booklet. You are cordially invited to write for a copy of this book. Address Hoffman Specialty Co., Inc., Dept. H-15, Waterbury, Conn.

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CONTROLLED HEAT
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To build a modern house... or to modernize a home growing old... consider the remarkable new values in colorful WEATHERBEST Stained Shingles.

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The WEATHERBEST Service Sketch to show how the home would look with WEATHERBEST laid over the stucco. Ask about this free service and details of the Second WEATHERBEST Contest which relaxes. See Page 223 for details of 1929 Contest.

The sidewalks "renovated" with WEATHERBEST. - improved appearance, better insulation.

WEATHERBEST STAINED SHINGLE CO., Inc.
839 Island St., North Tonawanda, N.Y.

Please send details of $3000 Home Modernizing Contest and enrollment blank.

Name ________________________________

Address ________________________________
An Early American Bedroom
planned by Kayser & Allman around
Fenestra Steel Casements

S
EE how this many-paned Fenestra Casement contributes to the simplicity and restraint of this Early American bedroom," says C. Allyn Shilling, of the noted Philadelphia interior decorators, Kayser & Allman.

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Please send me a copy of your new book "Decorating with Casements." No cost or obligation.

My Name
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State
And Really Begin to Enjoy Your Home

RIGHT now you and your furnace man, if you have one (or your wife, if you haven’t), are struggling to keep your heating system in step with the widely fluctuating temperatures of Spring. Count how many times you run to the cellar to open drafts to drive up heat, or to close them to keep it down. And also count how many times your home is actually comfortable—not too cool—not too hot. Then take a look at the emptying coal bin. Are you going to fill it up again?

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MAY OIL BURNER CORPORATION
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Please send me a copy of your free booklet that shows in picture form how the Quiet May Automatic Oil Burner looks and works.

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Every fine thing you have ever associated with the dependability of Dodge Brothers and the genius of Walter P. Chrysler is incorporated in the Dodge Brothers Senior: ultra-modern style—charming new color themes—intriguing interior—unforgettable performance. It is an unprecedented automobile—first in fashion, foremost in quality, and rich in fine-car value. Those who know custom cars best are sincerest in their praise of the Dodge Brothers Senior. It is the largest, handsomest and most luxurious of all Dodge Brothers cars—and it is priced surprisingly low.

New lower prices: $1495 to $1595, F.O.R. Detroit
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AUGUST, 1929

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HOUSE & GARDEN

RICHARDSON WRIGHT, Editor

ROBERT S. LEMMON, Managing Editor

A day forty-odd years ago a

man whose name is famous in

the horticultural circles of two

hemispheres was walking through his

Holland nursery when he was halted by

what one might term a tremendous

trifle. He had reached a block of

young Koster Blue Spruces, comely

and symmetrical as such things can

be only when one has scrupulously

maintained Dutch plantations, and

as his eye ran over it he noticed a

peculiar thing; a single branch on

one of the stocky little trees was

dropping down and outward in a

fashion quite different from its fel­

low. Some odd freak of Nature,

like a finger that has departed from

its root, some rare variant from the

norm, some small different form of a splendid tree; it
didn't mean the establishment of a

thing which is deeply significant. Not only

parent and transfer it carefully to

his trained eye it meant much. To

the manner of its fellows; and yet

some rare variant from the norm,

loos. Some odd freak of Nature,

like a fing' er that has departed from

its root, some rare variant from the norm,

loos. Some odd freak of Nature,

some rare variant from the norm,

loos. Some odd freak of Nature,

some rare variant from the norm,

loos. Some odd freak of Nature,
Happy Days

Blossoms, blue birds, spring joys and the returning sun tell of the approach of Easter. The season demands self-expression—gifts, compliments and social services.

For the social side of Easter we commend the sealed-up sweets in that famous metal box containing

Whitman's Salmagundi Chocolates

Happily likened to flowers for their beauty, purity, fragrance and charm. Each piece in the Salmagundi assortment is a loving expression of good taste.

In one-pound and two-pound packages at the local Whitman agency.

Stephen F. Whitman & Son, Inc., Philadelphia
Chicago
San Francisco
© S. F. W. & Son, Inc.
THE MAD GIRLS RHYME

If I can braid the sunlight's topaz gleam,
A constant prisoner, into my hair;
Or plunge my fingers in a dappled stream
And coll the lucid emeralds laughing there;
If I can fish the baubles of the night,—
The crystal necklace of the crescent moon,
Her shining train of furry silver light.
The stars that glitter on her darkling shoon;
If I can tame a little rustic breeze
And hold it as my own, a thing apart,—
Can I but capture one of those—I know
That I can bind to trace your trusting heart.

CAROL PHILLES SCHMIDT

FLOWERY Fireworks. Among the summer flowering bulbs that are well worth growing are Montbretias or Tritonias. Having recently been the object of some successful hybridizing, their colors are now infinitely improved and their size enlarged. From New York south-ward they prove hardly if covered in winter with a three inch mulch of manure. And they should be allowed to stay where planted because their increase forms in a little bulb that grows at the end of a long root. Lifting them each fall cuts off this new bulb. A leafmold soil, quickened with a dust of bone meal, is their preference. In blossom the Montbretia is like a flowery fireworks— a burst of scarlet, yellow, apricot, orange or pink stars.

FRAC TUR. Among the old Pennsylvania Dutch a favorite form of wall decoration was fractur or illuminated hand writing. This was once taught by schoolmasters and by vagrant artists who went about from house to house, with their boxes of quill pens, cherry gum varnish and home-made inks. Fractur work consists of two kinds—the religions and the secular. The former was used to illuminate hymns, baptismal and marriage certificates and such. The secular decoration covered such illumination as song books and allegorical pictures that were hung on whitewashed walls. The colors were red, blue, yellows and greens, and the execution of the drawings, while reminiscent of Persian calligraphy and Indo-Persian painting, have a pleasant crudity that attracts the eye of collectors today. These fractur pictures, together with samplers, formed the main decoration of the Pennsylvania Dutch farmhouse wall up to the time Courrier and Fox produced their lithographs.

HELLO Refraements. The mountain has at last come to Mahomet.

Once on a time, when the telephone bell rang, we rose from positions of comfort and ease, rushed to the receiver and conducted conversations panting and out of breath. Telephoning under those circumstances often proved annoying. Today the telephone is brought to us. We need never change the pose of comfort and ease. The modern house is wired with a telephone connection in practically every room. A portable set is plugged in, and you take the message where you are. This, together with the introduction of the Continental type of 'phone, marks a great step forward. We understand that soon these Continental 'phones will be available in appropriate colors to suit the color schemes of rooms. Surely we could demand no greater service or refinements.

THE Tortoise and the Hair. Apropos of the article on collecting objects made of tortoise shell, which appeared in these columns, we saw recently a tortoise shell room—a little powder room with tortoise shell paper on the walls, curtains and dressing table of tortoise shell faience and tortoise shell toilet articles. It was novel and striking.
THE GALLEON REACHES HER LAST PORT

Like an old galleon, this marine library on the place of Walter Seligman at Sands Point, L. I., rests comfortably after many voyages, in a safe port under the shade of overarching trees. Howard & Frenaye were the architects.
PIRATES, SHIPS AND THE SEA

Rascally Enterprise Having Been Tamed, Long John Silver and His Crew Become Decorations

RICHARDSON WRIGHT

They tell a yarn (those who know about such things tell it) of a woman pirate who once sailed the Spanish Main, and a high-boned tousle-headed, leather-lunged, spray-tanned harridan she was. Peaceful Caribbean coastal towns, basking in their palm shade, trembled at the mention of her name. Hardy mariners vowed they'd rather meet a dozen other pirates on the high seas than this solitary female. For she exacted a strange tribute of her captives and imposed a bitterly ironic penalty: she was kind, yea, even receptively romantic, to the handsome, but as soon as she felt her heart softening toward one of them, that man walked the plank.

And that, it would seem, is about the nearest to gentle romance the annals of piracy ever approached. Otherwise it was a hard and bitter and bloody business, and 'twere much better to contemplate it from the secure distance of a book than to have dabbled in it.

The sailor's song, the wind through the ratlines, the pant of the donkey engine, the rumble of the anchor cable through the chock, the orders barked out from the bridge—these are its music. Even the dullest landlubber rises to pinnacles of adventurous imagining in their presence. None of us stays completely sober when the heady wine of the sea flows in our veins.

When we dream of the sea those are the things we dream about. And yet when we meet it in reality today, how tame and decorous and orderly and comfortable the average sea-faring becomes! Now and again the placid annals are broken by a Vestris disaster or a vivid page of heroism is written by a Captain Fved and his kin; but for the most of us sea-faring today is a matter of big liners with elevators and pretty deck games and a rich and varied cuisine and large, diamond-bespangled women playing bridge and stout men uneasy because they haven't received the latest stock market report. Romantic, picturesque
Inside that range of poop-deck windows in the Seligman library extends a broad bank. Ships' timbers support the walls and ceiling. The shelves contain a marine library.

Post hole windows give a realistic touch of the sea. The only evidence is a ship's cable string under the beams. Most of the lighting is furnished by ship's lanterns.
In a very novel way Stanley J. Kresland has turned this commonplace apartment foyer into the deck and sea surroundings of a ship. The floor is part of the picture.

On the walls the sea mounts restlessly while pirates, leaning against the taffrail, watch the horizon and the palm trees creeping over it. Some of the pirates are gambling.

The floor is a brown composition scored with black to simulate the "tar lines" of a deck. Murals are in water color on silvered paper. The apartment of William M. Mather.
In another room of William M. Mather's New York City apartment the walls are covered with murals of sea scenes from the war of 1812. Here the U. S. "Constitution" is overcoming the "Guerrière"

In one corner the U. S. "Intrepid," which was fitted out as a fire ship to be blown up and wreck enemy shipping, is surprised by pirates who boarded her. Capt. Somers fired his magazine and perished.

(Right) The U. S. "Constitution" is entering the Mediterranean in this corner, skirting the coast and heading for Syracuse, which was the base port in the war with Tripoli. Painted by Stanley J. Rowland.
April, 1929,

Fifteen men might well sit on a dead man's chest and yo-ho their bottle of rum in this tap room of D. M. Cooper's New York apartment. John Leathers, decorator.

The walls in the New York apartment of Z. R. Sheesley are covered with pirate murals by Louis Bouche. Walls are vermilion with figures and scenes in realistic colors.

...the sea, ships and pirates (as the illustrations accompanying this text demonstrate) are established and popular subjects for decoration. The collecting of boat models and boat gear has long since been a hobby among the nautically-inclined. Vast prices are paid for models and the hobbits even support a society devoted to boat model building and collecting. In one New England coast town the sailors among the gentry have formed what they call "The Intellectual Yacht Club"; in Winter they can't sail, so they sit around indoors and discuss models and rigging and all the infinite detail that went to make the clipper ship famous. These interests, as we have said, are so long established as to have become commonplace.

In fact, one would be tempted to say that interest in nautical matters had become so commonplace as to be at a standstill. It was whispered (by those who watch such trends) that the sea has gone out of fashion and its popularity usurped by hunting. The steady rise of riding to hounds in this country has caught the interest and support of many men of adequate purse. But can it (Continued on page 172)
ON ROOFS, GABLES AND GARRETS

Wherein a Poet and Philosopher Muses Upon the Attractions of

A Dwelling Among the Housetops

RICHARD LEGALLIENNE

A HOUSE, however comfortable, however perfect its plumbing and its heating system, is not complete unless, in one way or another, it appeals to our sense of romance. Be as utilitarian, materialistic, common sense, as we please, there is something in even the most unimaginative, dry-as-dust, human lives significant beyond their mere business and domestic activities, something "beyond the reaches of our souls", and of this something, though we may be unaware of it, we instinctively crave some indication, some inkling, in our surroundings. That is why the most charming "flat" seldom gives us the feeling of being a real home. However luxurious it may be, however we store it with memoried furniture and various bric-a-brac of business and domestic activities, something "beyond the time, dry-as-dust, human lives significant beyond their mere

day's rest, and gives us no sense of being that abiding-place of romance. Be as utilitarian, materialistic, common sense, as we please, there is something in even the most unimagina-
crowded out, and where we might well feel that we are little more than custodians for their memories, we and our own lives seem almost crowded out, and where we might probably of all parts of a house the roof is that peak of a house-top"—but how much more it means when Hawthorne uses it in one of the most inspired titles ever given to a story—The House of the Seven Gables. That title is almost enough. One hardly needs to read the book. The title almost suggests more of romantic promise than even Hawthorne can fulfill.

And "garret"—"a room at the top of a house". Again, how much more it means to the imagination than just that. Chatterton, and starving poets and artists without number, on the one hand, and on the other a sort of haunted room, a storehouse of romantic family wreckage, so awe-inspiring to exploring childhood—the quaint old lavendered dresses and bonnets of vanished grandmothers, old chests overflowing with forgotten vanities, superseded household ornaments and appliances, books of bygone authors from whose pages mice have stolen piecemeal the material for their curious nests, and antediluvian debris of all kinds over which the spiders of many generations have spun their veils.

HOW much human history must have been absorbed by those two words, for the mere mention of them to mean so much. How right the old necromancers were in imputing such magic power to certain words. "Garrets"! One could write not merely an article but a whole long book on the multifarious story of garrets. Of course, no one nowadays reads Mrs. Browning, and I confess that it is a long time since I opened Aurora Leigh, so I have to trust my memory for a garret-picture vivid still, an old garret-room filled with old books, like some treasure-cave in The Arabian Nights:

I had found the secret of a garret-room
Piled high with cases in my father's name,
Piled high, packed large,—where, creeping in and out
Among the giant fossils of my post,
Like some small nimble mouse between the ribs
Of a mastodon, I nibbled here and there
At this or that box, pulling through the gap,
In heats of terror, haste, victorious joy,
The first book first.

And to think that still in England there are probably garrets hiding under cobwebs Shakespearean First Folios, as there are probably garrets still in New England where copies of Poe's Tamerlane (one of which sold the other day for I forget how many thousand dollars) lie as at the bottom of the sea. If only one knew where to look!

Again, I suppose no one just now is reading Carlyle. More's the pity, for those who don't; for they miss probably—so to speak—the greatest descriptive American journalist that ever lived! I am thinking particularly of

(Continued on page 180)
A TERRACE GARDEN BY THE SEA

This little flag- and brick-paved garden overhangs the water on the property of Mrs. Eugene Arwood at Stonington, Conn. The stone piers at the corners of the pool were taken from an old house cellar nearby. Armand R. Tibbitts was the landscape architect.
ZEBRAS DECORATE THE MODERN SCHEME

In olden time ye potters gay
Pottered a hit with cream white clay
Fashioned females for inspiration
Then made zebras for decoration.

MODERN STAFFORDSHIRE
FROM ELIZABETH PEACOCK

When leopards as a fashion gained
And sundry decorators gasped
For something new—a novel scheme
To humanize the modern scheme,
A zebra galloped to the light
Flaunting his fur in black and white
"Oh, take my own, my native coat,
And make my skin a fashion note".

REVERSE SIDE OF SCREEN
SHOWN ON OPPOSITE PAGE

Consider the generous jungle
When planning to hang your wall,
It offers subjects aplenty
For the room both large and small;
It sends the friendly zebras
In modern white and black,
A theme that is doubly striking
When caught by the etcher's knack.

ETCHING BY JOSEPH HECBT
THE WANAMAKER GALLERIES
THE JUNGLE OFFERS
A NOVEL THEME

Not a zebra skin as you might think
Or a sheet of foolscap splashed with ink,
But a new plush for one who dares,
For modern rugs and beds and chairs.

Soft plush in zebra markings
The Park Avenue Galleries

Modern rooms in monotone
In gray, say, or silver them,
Need a sharp accenting note
A vivid vase, a lamp, or screen;
Such a screen as this, perchance,
Which brilliantly avoids the trite,
For zebras fighting gallantly
Are pictured here in black and white.

Sculpture by Robert W. Charley
The Park Avenue Galleries

Perhaps you want to fill a space
With something that is new and smart,
This sculptured group is full of grace
And zebras here are really art.
This jungle theme need breed no terrors
And you will surely make no errors,
For modern art is not a lottery
When zebras come in soft brown pottery.
SOME NEW NOTES IN DECORATION

Which Give A Brief Outline of Contemporary Modes in
Furniture, Fabrics, Wall Papers, and Floor Coverings

Decorative styles

Contemporary design—in other words the attempts of creators of interior furnishings to meet the changed tempo of our lives, to create a style as typical of the age we live in as are the decorations of the 18th Century characteristic of that era—is at present the outstanding note in interior decoration. It cannot be ignored and even if you are a dyed-in-the-wool conservative, you will recognize and approve the tremendous advance made in lighting, the intelligent use of industrial materials and the essential simplicity and restfulness of the new interior. Each season shows an advance in this method of furnishing—a greater rationalism in the matter of design, an avoidance of the merely bizarre, and a praiseworthy insistence on the purely practical. Modernism is now becoming sane. In certain aspects it is superbly dramatic. In its best phases it is designed to meet the varied demands of present-day living and therefore has come to have place in the American home.

The newest note in 20th Century decoration is the combination of contemporary designs with furniture and accessories of past eras. You do not have to discard all your furniture in order to have a room with a modern air. Furniture of the Directoire and Empire periods, particularly the latter, can be used successfully with modern pieces as these styles have somewhat the same feeling—much of the simplicity and directness of 20th Century types. And, paradoxical as it may seem, one of the most successful apartments seen recently was a combination of modern pieces with very old Chinese furniture made of ebony. This was without carving, with straight, direct lines that harmonized perfectly with the simple modern pieces, many of them mirrored. In the matter of overstuffed furniture it is not necessary to go far afield for designs with a modern flavor, as the conventional Lawson type of sofa and chair is essentially of this age, being comfortable, with well-designed straight lines.

Finally, furniture is not the only means of giving your room an up-to-date look. Wall paper, textiles and accessories will work wonders, many of the new designs agreeing perfectly with period furniture in spite of their essentially modern feeling. Among the well-known period types of decoration, the English style of the 18th Century is outstanding at present—a particularly gratifying trend as this type is beautiful, livable, and within the reach of every purse owing to the numerous excellent reproductions of 18th Century furniture, textiles, rugs and wall papers now on the market. Next in order of popularity comes the interior furnished in the Early American taste. This type, although past its peak, is still a strong factor in decoration. It is a pleasing style for country houses, particularly if a quaint, unsophisticated effect is desired. It is distinctly a country type, however, and should be avoided in formal city rooms. The pine kitchen table of our ancestors has no place in the modern drawing room, despite the price it brings at auctions. Modern overstuffed pieces should be mixed with your early pine and maple chairs as comfort was almost an instinct with elegance. French provincial is too beautiful not to have its place in the sun and will always be sought among the well-known period types of decoration, the Directoire and Empire feeling are preferred over the more informal toile de Jouy designs, toiles being mainly used in rooms of French provincial type. Chintz is also

(Continued on page 190)
Cream colored voile embroidered in white silk and bordered in plain voile makes the spread above. From Margery Sill Wickware

COVERING THE MODERN BED

The simple lines of the spread at the right contrast with the elaborate character of the top—a damask in green and silver bordered in turquoise. Park Avenue Galleries

(Above) This durable linen spread in an effective block design comes in three shades of lavender, blue, green, rose or gold. Macy

When walls and floor are plain, the curtains and spread may be figured. (Right) A bedspread of modern damask in pink and silver. From the Park Avenue Galleries
The smartness of plaid taffeta spreads used in connection with wall paper and figured upholstery is apparent in the room above. Decorated by Elsie Sloan Farley.

(Above) A charming spread for Colonial rooms of quilted sateen or chambray with bands of gingham decorated in an appliqué rose pattern. Eleanor Beard.

The design of this quilt was developed by southern women during the Civil War. Hand quilted sateen or chambray; appliqués of colored gingham. From Eleanor Beard.

This smart spread of soft silk is quilted on the border and valance. The portions covering headboard and bolster are entirely quilted. From Elsie de Wolfe.
Above are decorative, well-made spreads of gray percale embroidered in tiny flowers in cherry red, yellow and emerald green. The trim is of narrow tape in pleasing cherry color. From Agnes Foster Wright, decorator.

BEDSPREADS FOR SEVERAL DECORATIVE SCHEMES

Crisp organdie patterned in a graceful modern leaf design makes an excellent summer spread. The top is quilted. Blue, red, green or gold with white. From Macy.

A simple and effective spread for covering an early American bed is shown in the sketch above. It is of durable white cotton decorated with squares made of raised French knots in yellow, blue or green. McCutcheon.
HOW TO SELECT
WALL PAPERS
With Thirty
New Designs
MARGARET McLEROY

Wall paper simulates, at consider-ably less expense than the original, painting, wood paneling, trellis, textiles—both woven and printed types—leather, marble and even sculpture. It is used because it brings to a room design, color, and the refreshing play of light and shade. A wall in some gay, fanciful pattern or figured to suggest happy, far-off things gives freshness and variety to the decorative scheme. It does more. A well-designed background frequently atones for undistinguished furniture. Finally, wall paper is used because a decorated wall is more stimulating than a plain one.

While it is impossible to lay down any hard and fast rules for the selection of wall paper, personal preference playing so large a part, there are certain basic principles that cannot be disregarded when choosing this versatile type of background. A working knowledge of these principles, —a realization of what design and color can do to a wall—is very essential if you would avoid mistakes and finally achieve a really successful papered room.

The main things to be considered when selecting wall papers are: the purpose of the room, its size and architectural peculiarities, its exposure, and the period, if any, of its furnishings. In general, large rooms can stand more color than small ones; here also designs can be larger and more definite in outline than in smaller, more restricted areas. Dark rooms should have papers in light-reflecting colors. Yellow reflects the most light, then the cream, beige, buff and peach tones. When there is sunlight or sufficient strong light, the greens, blues, grays and violets can be used successfully.

If a plain wall is desired, wall paper can still be used, but in this case a paper with a rough surface is advisable as it insures a greater play of light and shade than a flat paper. Gold and silver tea chest papers make effective walls and these can be shellacked with color, giving the effect of old lacquer.

Rooms may be entirely papered, or partially papered, the latter treatment being a popular fashion in the 18th Century. When wall paper panels are used, the designs should be fairly important, as this treatment is intended to take the place of painting or tapestry. Applied in this way, the paper may be paneled into the side wall, placed over the mantel or set into the panels of the doors. Scenic papers with a definite picture quality, or floral patterns
in the Chinese manner, are best adapted to this type of decoration. Also, there are the decorative wall paper borders which may be used in any number of attractive ways—around doors and windows, up the corners of the rooms, to form panels or simply to outline the dado or cornice.

FOR HALLS

Long and narrow. Use patterns that give an illusion of space. Landscapes with vistas are a good choice, as they carry the eye onward. Foliage papers are successful when the design is broken up so that light spaces are visible through the leaves. This type creates the effect of distance, making the hall appear larger than it really is. If the hall is dark, use a paper in a light color such as yellow, beige or cream, or a foliage paper in light grays or greens in which there is plenty of white space. Trellis papers are charming in long, narrow halls, particularly if arranged in panels so as to suggest arbors. The light areas seen through the green trellis give distance and the panels break up the long spaces.

Large and well proportioned. Here is the ideal place for scenic papers, for Classic designs, large scrolls or regularly placed motifs that require well-balanced spaces. Landscape and Chinese floral papers are also effective in halls of this type. Scenic papers should be placed above a dado so that the design is level with the eye and above the furniture. Landscape and papers with trees and flowers may go to the baseboard as there is no definite picture, only a flow upwards of trees and leaves.

Broken up architecturally. Here a paper should be used that breaks up well and not a picture paper or medallion design that is spoiled by being cut into by doors, windows and stairs. Use flowered, foliage, landscape and all-over papers, as these patterns having no definite beginning or end, are not harmed by being broken at any point.

Low ceiling. Designs with an upward trend make for greater height. The new German papers in modern designs are excellent here, as many have delicate vertical designs that carry the eye upward; landscape papers with a sense of distance and perspective, with soaring trees and glimpses of the sky add to the apparent height of a low room. All-over flowered papers are charming in country house halls, as they make a nice transition from the garden to the living rooms of the house.

THE LIVING ROOM

This is the most difficult room to paper on account of the number of fabrics used in the decorative scheme, many of which will be figured. Study the size and exposure and then decide whether you want the preponderance of design to be in the background or the textiles. Avoid distracting (Continued on page 162)
The heritage of Sheraton, that English master of "trick" furniture, may have passed to this generation of contemporary designers. The bookcase designed for Sir Edwin Lutyens is a compact piece of furniture with cupboard, shelves and hidden compartments. The wood is burr walnut.

The nature of line, the minimum of applied decoration and an effort to make the wood itself provide the main interest are three outstanding features of these English designs. The vagaries and extravagances of many Modernist pieces are pleasantly absent in these.
Severity of line is also found in the architectural backgrounds of the rooms. In this dining room executed for the Baroness Ravensdale the forms used are Classics, the colors modern—pumpkin red walls, black mirrors, glass architraves to niches and pillars of black glass with green cabs.

(Below) A walnut stool and easy chair show the simplest possible lines required for comfort and utility. This display of English Modernistic taste is one of a series of national contemporary designs that House & Garden has been showing. German, Swedish, French and Italian have already appeared.

The chairs in the dining room of the Baroness Ravensdale at London are of walnut upholstered in ivory painted calf. The circular dining table is finished in Burr walnut veneer with an ebonized center and base.
COLOR SCHEMES FOR EARLY AMERICAN ROOMS

Suggestions for Four Colonial Interiors Arranged and Adapted

To the Modern American House

HELEN WELLS

IN the following outline for the decoration of several rooms in the Early American manner, there has been no attempt to adhere strictly to any one particular period of Colonial interior; it is designed rather to include and harmoniously assemble selected objects from both the earlier and later phases and to place them against a receptive background.

A sympathetic use of colors is stressed in the treatment of walls and in the selection of fabrics for curtains and upholstered pieces. The essential furniture and accessories, together with an occasional reference to arrangement, are mentioned briefly.

THE HALL

Walls: Covered with a reproduction of a scenic paper found in the Caleb Wheeler house in Concord. The original, probably printed in France during the latter part of the 18th Century, has a hand-blocked design of arched trees through which are discovered a lake, two castles, a bridge, and a small boat with figures. Predominating colors—blue, blue-green and apricot.

Woodwork and square wooden spindles of staircase: Painted cream color. Stair treads, hand-rail and newel post stained brown mahogany.

Floor: Blue-green strié linoleum, waxed and highly polished; several finely made hooked rugs with bright flower designs in vermilion, blue-green and brown.

Furniture: Mahogany in the Chippendale style of about 1750. Card table and several ladder-back chairs of the simpler type having slip seats covered with striped moire in apricot, blue-green and beige. Incidental pieces include a square mirror bordered with frame of painted glass and a large Chinese red lacquered chest. Table accessories—pair of antique brass candlesticks with square crystal drops placed either side of a blue Staffordshire bowl.

Curtains: Of thin cotton and silk sunfast fabric in apricot color trimmed with ball fringe, set inside the wood trim.

Lighting Fixtures: Leaded white and blue glass lantern suspended from ceiling.

LIVING ROOM

Walls: Painted pale apple green.

Woodwork and mantel: Rich ivory.

Floor: Walnut brown; partially covered with a wool rug in blue and tan checks.

Furniture: Large sofa upholstered in apple green and cream striped moire. High back Hepplewhite wing chair (period about 1730) covered in rose colored antique satin with diaper pattern.

Several overstuffed Lawson chairs with slip covers of the window curtain chintz. Maple or cherry wood oblong table; tray top maple or cherry tripod table.

Armchairs and side chairs of corresponding wood in the Dutch style.

Hangings: Windows hung in full length over-curtains of unlined glazed chintz with background in royal blue splashed with bright rose colored flowers and green leaves. Pressed brass cornice in leaf design and tie-backs of brass acanthus leaves.

Under Curtains: Crisp white organdie finished with fluted ruffles, and tied back.

Accessories: Over-mantel picture painted on glass in a design of birds and flowers. Collection of Lowestoft porcelain. Mezzotints or prints with black glass borders. Over Lattice design and sprays of orange berries and dark green leaves.

Lights: White and ruby glass lamps.

DINING ROOM

Walls: Covered above the low chair rail in glazed paper with canary yellow background and Chinese Chippendale pattern of flowers, butterflies and birds in red, green and royal blue.

Ceiling: Painted or calcimined in a lighter shade of yellow than the wall paper.

Woodwork and walls: Below chair rail the walls are painted a darker shade of the yellow found in the wall paper. Simple mantel with center medallion of a classic urn.

Floor: Stained brown and waxed. To be covered over with a square, sage green Scotch wool rug.

Under Curtains: Windows hung in full length over-curtains of unlined glazed chintz with background in royal blue splashed with bright rose colored flowers and green leaves.

Accessories: A number of antique candle holders.

Lights: Four single light pewter sconces with round back plate made of small pieces of mirrored glass similar to mosaic work.

MASTER'S BEDROOM

Walls: Sage green wall paper with all-over lattice design and sprays of orange berries and dark green leaves.

Ceiling: Cream color.

Woodwork: Dark green.

Floor: Stained in brown and almost completely covered with a large hooked rug having geometrical pattern in gray, black and orange.

Furniture: Maple field bed with arched tester. Draped with the chintz used at windows. Bedspread of sunfast peach organdie with fluted ruffles.

Under Curtains: Of thin cotton and silk sunfast fabric in apricot color trimmed with ball fringe, set inside the wood trim.

Lighting Fixtures: Leaded white and blue glass lantern suspended from ceiling.

Several small rush bottom cherry wood chairs with checked linen seat pads.

Curtains: Short over-curtains and valances of glazed chintz in blue, rose, yellow and green flowered design on a peach ground. White organdie under-curtains.

Accessories: A number of silhouettes in maple frames grouped along one wall.

Lights: Pewter or brass fixtures, reproductions of antique candle holders.
"EARLY AMERICAN" is a term so commonly used and so often wrongly applied that it requires definition. It has been clamped on to every style of architecture and furnishing from the crude beginnings to the sophisticated Classic Georgian era of Revolutionary days. Would it not be better to speak of the earliest styles as "Primitive American"?

In that case we shall have to refer to dates to see just who were the primitive settlers. St. Augustine, settled in 1565 by the Spaniards after an unsuccessful attempt by Huguenots, can lay claim to being the earliest within the bounds of what are now the United States. In 1585, Sir Walter Raleigh's colonists landed on Roanoke Island. In 1598 the Spaniards occupied Santa Fé, N. M., making that the third settlement.

The year 1614 saw Manhattan Island settled by the Dutch, and it was not until six years later that the Pilgrims landed on Plymouth Rock their fabulous furniture cargoes, which have been the progenitors of what is termed "Early American".

It is interesting, in the light of these facts, to assemble this Portfolio showing three examples of Primitive American styles—the primitive New England as interpreted in a modern home in Cleveland; the Santa Fé Style, combining native Indian and Colonial Spanish as it is being reproduced and collected today; and early Pennsylvania Dutch farmhouse interiors, rooms of a clannish people of German origin whose descendants retain many of the customs brought by their forebears from the Palatinate early in the 18th Century.
The oak and pine room in the home of R. C. Rudolph, Shaker Heights, Cleveland, combines the simplicity of a 17th Century New England interior with the comfort of 20th Century convenience.

This simple, un EXCEPTIONAL form of New England furnishing has a wide appeal and its popularity is undimmed because it is American in origin, picturesque in the ensemble and informal in atmosphere.

OLD-TIME
NEW ENGLAND
The room was built into a large porch, the brown tile floor of which harmonizes well with its covering of hooked rugs and with the soft tones of the wainscoting.

Charles G. Colman, architect

Practically all the woodwork used was removed from old New England houses of the 17th Century. The brick of the fireplace also is old. Crudest of all are the chairs and wood box hewn from logs.

WITH AN OHIO SETTING
The two views on this page are from the home of Samuel Hamilton, Santa Fe, N. M., an adobe house furnished with a combination of Indian and primitive Spanish Colonial pieces. The hall is brick-paved and walls are white-washed.

Exposed ceiling beams and boards, heavy paneled doors and crudely finished plaster are the work of native laborers whose designs continue the Spanish and aboriginal heritage. Such houses are furnished for a warm climate.
In the dining-room of the home of Frank Applegate at Santa Fe wooden grille doors and cupboards carry on native traditions. A crude Spanish candelabra pangs from a beam.

The corner fireplace with its conical opening, raised hearth and garniture of "tablos" and "santos"—holy pictures and statues—is made a feature in almost every New Mexican home.
One of the best groups of Pennsylvania Dutch interiors is "Millbach" now assembled in the new museum at Fairmount Park, Philadelphia. On the whole this style was heavier in line than the New England primitive type.

In the Pennsylvania Dutch dialect the pieces bear strange names. The divided door is "shplid-dar"; the combined chair and stand for flower pots, "shtond". A framed religious tract, as in the bedroom above, is a "himmel-brief".
To the Dutch of Pennsylvania the room illustrated above is an "es-shub" or eating room; the sideboard is a "shivel-korta"; the long bench, "bonk"; the table, "dish"; and the closed basket set in the corner is a "wesb-kore"

In this kitchen is an "eck-shonk" or corner cupboard; a side "fair-bard" or hearth with a "flind/" or flint lock rifle hanging above, with "jon" or pewter plates and a "bon'r-yo" or cabalistic potter plate arrayed along the shelf.

TRADITIONAL DESIGN
DECORATIONS IN SHEET IRON

Cut With Pneumatic Tools from Sheets of Iron, These Designs

Offer a Novel Form of Applied Decoration

STEPHEN HAWES

Matisse himself was once a little disturbed by a pupil who proclaimed, when he asked her what she was seeking in art, "Je cherche le neuf!" To seek novelty for its own sake is not a high ideal, but among so many searches it is not an easy task to find a new aspect in anything. Incidentally, it is seldom the product of deliberate search: it is generally the result of an accidental discovery.

Iron, bronze, copper and brass have so long been used for gates and bars that it is surprising to realize that sheet metal, untouched by the hammer, has not, until the present time, become a standard medium for decorative design, although its possibilities are indeed infinite. Among other uses this very modern material is now being worked upon for the decoration of stone and cement walls. Designs of trees, foliage, animals and fishes are cut from the sheet metal and applied to a surface by means of long screws beaten into soft wooden plugs inserted in the wall. The metal design in low relief may be painted with brilliant colors or left to weather to a rust color. Iron-rust color upon unpainted, soon rust through, and in a comparatively little while "softly and silently vanish away."

Brass patterns have long been multiplied to, or inlaid in, wooden coffers. The old Arab chests, now becoming so rare, are among the finest examples of this work, but patterns of burnished brass and copper have never been used upon wooden panels in halls and terraces, and this also is an idea to be commended to those who can command the services of a regular cleaner and polisher. Far too little use is made of designs executed in simple brass nailheads, yet it is an easy and inexpensive method for enriching very many types of surfaces.

Sheet iron decoration can also be used for window grilles, with or without glass: there is a never-ending charm about light when seen edging a vigorously executed silhouette, if the silhouette design be good enough. But here again is novelty. Metal designs have almost invariably been used as direct monochrome forms against a background, black on white or the reverse. It is a feature of these designs to use light itself for some forms and to suggest shadows by the pattern of the metal. Iron furniture is being designed in Paris and its use is becoming fashionable. The ugly but necessary radiator is fast being presentably clothed. It lends itself to covering with a decorative panel of sheet metal which will make it a thing to be noticed and insisted upon instead of concealed and forgotten.

But although there are many indoor uses which readily suggest themselves, it is for the outdoors that sheet iron will probably find its widest and wisest application. Delicately hammered and perforated panels can be made more suitable for most outdoor decorations. In small objects the roughness of the medium would not appeal to all tastes, perhaps, and it is only in a room or loggia furnished with extreme simplicity that sheet iron, painted or polished, would be suitable, although a firescreen of this material may sometimes strike a bizarre note in an ornate interior which has a distinct charm of its own.

The monotony of the average cast iron railing of our time is something which would chill the soul if we were not schooled by long custom to forget its existence. The commonplace designs are supposed to be necessary, though why it should be easier to cast a bad design than a good one passes all understanding. Commercially-made gates and railings are not particularly cheap as they come direct from the mill, and anything like good hammered work, or, indeed, any work done by the hand of the costly American artificer, is almost prohibitive. But even elaborate sheet iron decoration need not be of fabulous cost when executed with modern tools, which are regulated by an electric button and guided, rather than used in the old sense, by a workman's hand. Railings and gate frames, which are today almost entirely machine-made, can be appropriately used in combination with panels of sheet iron decoration.

Patterns can be cut in metal half-an-inch thick, which is strong enough to stand any normal wear or exposure. It is indestructible by wind and storm and would present a grave problem even to the fertile brain of a destructive youngster.

Anyone who has ever tried to find a distinctive weathervane in the stores which regularly supply them will certainly have been astonished at the poverty of designs offered for consideration. There is no reason why a modern note should not be introduced into this, the most obvious use for sheet iron. The comparative disuse of the weathercock is quite possibly in great part due to the low standard that is tolerated in its design, for it was once a very popular feature of house decoration. The designs on the opposite page indicate a direction and a method of execution, both of which are striking and new.

With its adaptability to and its fitness for the needs of modern decoration, sheet metal will certainly grow to be more and more used for artistic purposes. It is to be thought of when the garden is to be divided from the woodland, or the new pier thrusts itself out into the yacht basin. The well-known rooster may give way to an animal or a fish on occasion, although the barnyard fowl has the great advantage of years of recognition for such purposes.
A sheet iron silhouette design of an antelope below a grapefruit tree makes a distinctive decoration for a wall niche in a Honolulu garden.

Another original weathervane in sheet iron shows a wounded bowman holding an arrow which points the direction of the winds.

The possibilities of sheet iron handled by an able designer are exemplified in this gate. Outlined by underbrush stand a doe and a buck.

A vigorously executed sheet iron silhouette panel at the left shows an ill intentioned shark circling about underneath his unsuspecting prey.

The undersea motif, which has gained such popularity in decoration of late, has been adapted by the sheet iron designer for his own medium.
FEW hours after the birth of Hermes, son of Zeus and Maia, the infant god carried off some of Apollo's oxen. Having killed two of the cattle to provide himself with a feast, the astonishing babe hid the others in Pylos and returned home to Cyllene, the highest mountain in Peloponnesus.

There before the entrance to his natal cave he discovered a large tortoise. Taking its shell, he drew strings across it, and thus the inventive genius of this immortal prodigy produced the first musical instrument, which was known as the lyre.

When Apollo discovered the theft of his cattle and that young Hermes had been the culprit, he was enraged and carried the youngster before Zeus. The infant Hermes was severely reprimanded and ordered to restore the surviving oxen to Apollo. But as Apollo and Hermes started forth, Hermes so charmed the other with the sounds of his newly constructed tortoise-shell lyre that Apollo forgot his grievance and ended by not only permitting the precociously crafty Hermes to keep the cattle, but also by becoming his close friend.

Hermes kept on inventing things, among them the syrinx, or flute. I suppose this new toy led him to discard the old; at any rate the lyre fell to the lot of the music-loving Apollo, who, in turn, presented it to Orpheus, son of Oeagrus and Calliope, muse of epic poetry. Instructed in its use by Calliope and her sister muses, the playing of Orpheus was so beautiful that it charmed wild beasts, enchanted trees and moved the rocks of Olympus.

When Orpheus followed Eurydice, his nymph wife, into Hades, hoping to bring her back to life on Earth, he carried his lyre with him and its strains suspended the torments of the damned. The astronomers of the ancient world averred that after Orpheus' death the lyre was carried into the high heavens where, at the intercession of Apollo and the muses, Zeus set it out to stand amid the stars.

It is a pretty legend and there is no reason we should not content ourselves with taking it as giving the origin of the introduction of tortoise-shell in the arts; I have no better one to offer! However, there is a choice, for we are told by Hindoo legend that the Earth was placed on the back of a patient tortoise; and was not the mythical, but none the less interesting Chinese sage,
Blue and white striped canvas tops the circus tent nursery in the modern apartment of A. Lichtenstein. Characteristic zoo favorites decorate the yellow painted walls.

The rug lying on the green linoleum floor represents the circus ring and depicts the ringmaster putting the horses through their paces.

MODERNISM ENTERS THE NURSERY
The wall paper in this boy's room is yellow with a naive design of mountains, ships and trains of cars—such as a child might draw with colored chalk. The wood trim is red.

These amusing modern water colors are suggested as decorations for a boy's room. All the furniture, fabrics and accessories on this and the opposite page are from Alice Storr.

The small furniture pieces in the room above are red lacquer. Red also is the leather floor cushion. The bed is oak and covered with a spread of varicolored plaid bound in red.

Above the fireplace at the right are decorative modernist shelves filled with jointed wooden animals. On either side of the shelves are narrow glass tubes containing lights.
A MODERN ROOM FOR A GIRL

The wallpaper in this little girl's room is white with prim flowers in pink, mauve, yellow and green. The wood trim is green; curtains are yellow voile over white marquisette.

A modern print in peach, brown and lavender covers the overstuffed chair. The spread is in green and white checks and the rug rug is in the colors of the room's wall paper.

One way of reaching forbidden fruit! These gay German water colors, each one different, come in a great variety of engaging scenes, framed in natural wood. From Alice Starr.

A modern pottery figurine filled with a pleated shade makes an interesting lamp. The furniture pieces used in the room above are painted primrose yellow striped in green.
IN A LONG ISLAND HUNTING LODGE

This interesting room with its livable early American furniture and colorful hooked rugs is in a hunting lodge on the estate of Colonel H. H. Rogers at Southampton, L. I. The inviting sofa is upholstered in henna red linen and the chairs are covered in an old chintz. McMillen, Inc., were the decorators.
Above is a more comprehensive view of the room illustrated on the opposite page. When used for dining, a refectory table and Windsor chairs are placed in the long space opposite the fireplace.

The hunt room in the same lodge has walls covered in an old paper with blue ground. Blue also is the plain covering of the chair longue and the chairs. McMillen, Inc., decorators.
The ingrained charm of beautiful wood—a beauty far more elemental than the mere harmony of form imparted by designer or wood turner—has brought the satin surfaces and stately dignity of fine paneling into renewed appreciation as a part of 20th Century decorative schemes. Thus the possibilities of color and texture inherent in conventional trim, or the delightful play of light and shade in unexpected carvings, may be realized to the full, in even the modest home, for eminent architects have translated the spirit of the old-time craftsmen into stock designs of oak, walnut or pine which faithfully reproduce the fine proportions achieved by designers of a more leisurely era.

Through the wizardry of science, too, whole walls may be wainscotted with a most ingenious fireproof substitute for wood, which carries out, in special designs or stock models, any period influence for which the ensemble calls. Colored and finished in the manner of old handiwork, the most careful scrutiny fails to reveal its synthetic ancestry. The swirling tides of modernism have focussed attention on the exotic woods of the Orient as a complement to wall surfaces of fabric, cork or other unusual materials. And the rise of the paint manufacturers to the color vogue has opened new vistas in the creating of interesting and livable decorative schemes through the utilization of this flexible and convenient medium.

Beauty from Abroad

The home-builder may draw directly upon the rich heritage of the past, bringing from across the water the mellow pine paneling or “deal” of Merrie England, with charming carvings of the Georgian era to grace a New World living room; or the primitive craftsmanship of the Continent may be simulated in sturdy oak timbering or the lovely walnut of the Italians. For a decorative scheme of graceful and elaborate French inspiration, woodwork of lustrous mahogany, walnut, cypress or stained birch will reflect the firelight or sunshine from its waxen surface. The exquisite detail and perfect proportions of many a Colonial interior have been saved to charm future generations through timely knowledge of how to restore, by wax, oil or paint, the handiwork of old-time artisans. And the most indefinite interiors can be transfigured by painting or enameling their trim in colors, clear and gay or softly antiqued, or by the quiet charm of neutral tones which blend in an harmonious manner with wall surfaces, rugs and furniture.

Whatever its decorative significance, the practical problem of caring for fine woodwork begins in the control of the atmosphere. Scientists say that the average American home is super-heated and far too dry for the best interests of either human throats or inanimate furnishings. When the air is hot and parched, life is drawn from the woodwork. If the house is damp, wood absorbs the moisture, causing windows and doors to stick and furniture to swell and warp. Humidifiers, built to hang behind the radiators or set within the new decorative covers, will evaporate the “gallon of water per room per day” which will maintain the ideal 55% of humidity under the trying conditions of central heating.

For a warm air heater, a water pan used in connection with the furnace will send the vaporized air into the rooms through the heating registers.

Woodwork Finishes

The finish not only contributes to the beauty of woodwork, but protects it against wear and deterioration. So the care of any wood—whether trim or furniture—resolves itself into an understanding of which of the finishes (varnish, wax, oil, paint or enamel) has been used to penetrate and seal the pores. The definite dressing which combines best with each of these guardian compounds replaces the life-giving filler as it is absorbed by the wood cells or dried out under excessive heat.

The slippery surface of a varnished finish needs little after treatment to keep it in good condition. The unfinished timbering of oak or walnut—sometimes abused with acid or sandblasting to give a primitive rough effect—is usually finished with transparent varnish, rubbed down with pumice or rotten stone so that no surface trace remains, though the pores of the wood are protected from destroying fungi and moisture by the undercoats of stain, shellac and filler which have been applied. A soft cloth of silk or lintless cotton, with a paint brush to penetrate carved surfaces, will keep these satisfactory and attractive finishes in good condition, a real recommendation in this servantless age.

The more formal varnished surface may be lightly waxed to give the rich, yet subdued patina which this classic substance alone can impart, even though the sealing glaze of varnish prevents the wood itself from benefiting from the treatment. A small piece of paste wax, folded into a flannel pad, is a convenient means of rubbing in the wax. After-polishing with a clean flannel cloth wrapped around a hard block will result in a surface sheen of indescribable loveliness. A famous purveyor of rare old English furniture now offers the cream he uses on his own fine pieces, to bring out the characteristic rich luster of waxed paneling with a minimum of rubbing and with no sticky aftermath.

The handsome hard woods, especially those of open grain like oak or chestnut, show their markings in all their rich beauty if an oil finish is used at the start. Continued treatment with equal parts of raw linseed oil and turpentine, thoroughly mixed and rubbed into the wood with a saturated pad whenever it has a dry, thirsty appearance, will result in a surface which will withstand the hardest usage and become more beautiful with each application. On light-colored, close-grained woods, the lighter lemon or cedar oils will achieve the same results without darkening the wood. After thorough rubbing, first across the grain to penetrate, then with it for polish, a clean cotton or linen cloth should remove every trace of surface oil.

A Clean Surface

The usual errors in treating fine woodwork lie in applying the wax or oil unevenly or too generously, leaving a streaky appearance, or in treating a surface not scrupulously clean. At the end of the winter season, a thin sticky film may have accumulated which either oil or wax will transform into a gummy substance difficult to remove. The floor mop, too, may leave unsightly marks upon the baseboard. Radical cleaning is necessary in such cases and the simple formula of a well-known home-making authority will restore the surface to immaculate cleanliness, though the polish must be re-applied after the cleansing bath. For the washing, add three tablespoons of boiled linseed oil and a tablespoon of turpentine to each quart of boiling water. If during the process either the liquid or the cleaning or drying cloths become soiled they should be discarded. And needless to say only a small amount of surface should be washed at a time so that it may be dried quickly. Gasoline is

(Continued on page 150)
The pergola with a Rose garden adjoining it has a flagstone walk bordered with white Plantain Lilies. In the garden of Mrs. Eugene Atwood, Stonington, Conn. Armand R. Tibbles, landscape architect.

A garden house surmounted by a little birdhouse forms one end of the pergola and is also a terminal for a long Rose-bordered walk. Other views of the garden are on the two following pages.
Looking up toward the house from the terrace garden and pool. A very steep slope from the house to an old sea wall provided opportunity for an attractive series of flagged terraces to be worked out by the designer.

From twin garden houses located on a level slightly lower than that of the house terrace one looks out over the water to Block Island and Montauk Point in the distance. Scotch Heather forms part of the foreground planting.

WITH A VIEW
ACROSS BLUE WATER
From the lower garden level the steps at the right of the picture lead up to the terrace garden. In the background may be seen a water gate which gives access to a little sand beach, bathing beach and a dock for boats.

Broad flower borders stretch below the house terrace and lend abundant variety of color through the summer months. The garden house is situated directly above the pool which is shown in the illustration on page 101.

WHERE LONG
ISLAND SOUND BEGINS
One of New England's finest tree specimens is the historic Lafayette Elm at Kennebunk, N. H. This magnificent example of the species Ulmus americana is eighty feet tall, seventeen in girth and has a spread of one hundred and thirty-one feet.

ARBOR DAY FACTS AND FANCIES

There Is No Greater Contribution to the Beauty of America than Planting the Right Trees in the Right Places

ERNEST H. WILSON, V. M. H.

APRIL is the month in which Arbor Day falls, a day when, in response to proclamations issued by the President, by the Governors of States, appeals by Mayors, educators and others in authority, children and grown people are exhorted to plant trees. The movement, originated by the Hon. J. Sterling Morton of Nebraska City, Nebraska, in 1872, has spread throughout the length and breadth of the United States and Canada. And rightly so, for the benefits, both esthetic and economic, should be incalculable. From the dawn of history man has been busy destroying the forests of the world and the more he advanced toward what we call civilization the more destructive he became. A halt had to come sometime but it was not until the wise vision of race leaders saw catastrophe approaching that any check could be effectually called. It is only during the last fifty years that proper efforts have been made to place the nation's natural scenic wealth beyond the vandalic reach of those who would destroy whenever opportunity offers.

Arbor Day is one of the great movements toward not merely preserving but rehabilitating scenic and forestal wealth. Thanks to the enthusiasm of a body of able men and women, the movement has made great progress. Indeed, it has gathered such momentum as to have firmly established itself in the popular mind, and to plant a tree has become a slogan approved of by one and all. Enthusiasm is an essential factor in the success of any movement. It is much more infectious than cold common-sense and it will carry men and women through greater labor and suffering than any appeal to business instincts. Enthusiasm may blaze a trail, but if a cause is to be
For many years now I have watched with admiration the growth of the Arbor Day movement but with much vexation at the actual outcome of its celebrations. There is nothing more laudable than to plant a tree, except to plant two trees, provided the right kind of tree be planted. This fact, as fundamental as it is simple, seems to be something that many Arbor Day enthusiasts completely lose sight of. It would appear that the time has come when the leaders of the movement should sit down and take stock of their accomplishments, audit the results to date and see how best results can be fostered. This may sound paradoxical when in almost the same breath one has stated that the movement has swept the country. It has. Its popularity is assured; enthusiasm was never so great, but is it being properly directed? In other words, has the movement resulted not only in the planting of trees but in planting the right kind of trees—not in planting trees that will flourish for a week or a year, but trees that have every prospect of growing year by year into greater beauty over a century or more? The movement, great as it is, enormous as its efforts are and have been, is not a success if the output of its labors possesses no lasting qualities. The actual labor of planting is no greater for the right and proper than for the indifferent and worthless. The effort required to find the right trees is greater, but if not attempted the whole movement suffers.

Just for a moment let us look into the source of supplies—the nurseries, either municipal, State, commercial or private—from which they are drawn. The trees raised in these nurseries are those of which seeds are most easily and cheaply procured. For ornamental purposes certain species and varieties are in demand and the supply is governed by the well-known law. But for movements such as that of Arbor Day—and, to be frank, general forestry planting as ordinarily undertaken in America today—supply is governed by nothing except cost of production. Trees of suitable size are wanted by the thousand, by the tens of thousands, and cheapness in price is the only factor considered. Nurserymen for the purpose of Arbor Day raise the sorts of trees of which they can procure the seed in greatest quantity at the lowest rate. It is much easier to buy tree seeds in Europe or in Japan than to buy seeds of the trees native of this country. So far as the Arbor Day movement is concerned no fault could be found with this did exotic trees all flourish in the places where Arbor Day enthusiasts plant them. Unfortunately, this is far from being the case. Certain exotics grow as well as, sometimes better than, native trees, but they are the exception, not the rule, and experience alone can teach just which these are.

In New England and in other cold parts of this country three of the commonest trees planted are the Norway Spruce, Scots Pine and English Oak. Now, each and several are quite unsuited to the climate and in consequence are valueless. The Norway Spruce grows well enough for twenty-five or thirty years but so soon as its top comes under the influence of strong (Continued on page 202)
Among the Evening Primroses are several of particular value for their fragrance after dark, among them Oe. teraxacifolia, a white dwarf from Chile.

The double Sweet Rocket was once the pride of all Scotch gardeners, but is seldom seen today. The singles, however, are easily obtainable anywhere.

Oenothera triloba is another worthy Evening Primrose for planting in the night-scented garden. It is a biennial, dwarf in stature and bearing yellow flowers of good size.
difference between the aromatics of the Honeysuckle by day and by night; and the white Petunia, whose daytime breath is not agreeable, gives off a refined and quite delicious scent after sunset.

Pinks, sweet enough by day, are far sweeter and spicier under the stars; the Ten-week Stock is another that saves its best for the evening, and the Tuberose. So much stronger is the scent of this flower at night that the enfleurage (the process of chemically extracting the perfume for commercial purposes) is commonly carried on after dark. No garden planned for evening pleasure should be without this old-fashioned flower. Once it was in great demand for indoor as well as outdoor culture and sentimental German ladies of a decade or so ago called it Nachtliebste. But the Tuberose finally fell into bad odor, so to speak, because of its great use as a funeral flower. Today, however, it is not fashionable for these sad occasions, so we may divest our minds of its gloomy associations and tuck away a few tubers this spring along our most accustomed walk, or beneath the living room windows, for the sake of its curiously moving fragrance.

But there is a whole class of what some one has termed vespertine flowers, those that withhold their sweetness wholly from the day and pour it out to the night. They are rather a curious company. Few have any daytime attractions to recommend them, being as a rule sad of hue, brownish, grayish or dull purple; or if white, as many of them are, seeming to lose countenance under the searching eye of the sun, or to faint and droop. But with the coming of twilight, as if touched by a magic wand, they lift their heads and flood the night breeze with a message of irresistible sweetness to the moths or other insects whose visits they must attract if they are to fulfill the destiny laid out for them.

The old Bouncing Bet, Saponaria officinalis, is one in which this change is conspicuous. Dowdy and forlorn this one-time belle appears by day, but meet her by the roadside near some old garden gate in the twilight and you will be surprised at her young freshness and the sweet breath that will reach you. But perhaps in no flower is this eleventh hour rejuvenation so marked as in the Night-scented Stock, Matthiola bicornis. This little annual presents a woebegone appearance during the sunny hours, with its dusty-looking leaves and dim lavender blossoms rolled up into little sulky balls. It is no plant for the parterre, indeed, or for any conspicuous place, but sow it about in patches where you are apt to walk in the

(Continued on page 206)
AN HISTORIC COLONNADE IN TEXAS

Its detail a replica of that embellishing one of our proudest national monuments—Washington's home at Mount Vernon—this colonnade of the W. L. Clayton residence at River Oaks, Texas, has gained something of the architectural distinction which characterizes its antecedent. Briscoe & Dixon, architects
The residence of R. D. Hull at Beaver Dam Lake, Mill Neck, L. I., takes an "L" formation, with the inside of the angle facing upon a drive and the opposite side looking over the lake. Walker & Gillette, architects.

From the motor drive the flagged path at the left leads to the principal entrance doorway. The central unit at the top of the page houses the living room, on the first floor, and the owner's suite in the second story.
An interesting feature of this residence is the manner in which it is made up of connected units under roofs of varying heights. The effect is of a rambling Colonial house to which additions were made as needed.

The plan shows evidence of the thorough study given to layout and proper relation of rooms to each other, to baths, stairways and entrances. Guest rooms have the utmost privacy and the service wing is entirely detached.
(Top) Fully half one dining room wall is given over to a tall bay window which frames a splendid vista of the lake. Georgian cupboards flank this window. Furnishings are English 18th Century. Simple, well-detailed, white-painted paneling in the living room provides an excellent background for dark 18th Century pieces. The arched doorway at the right opens into the Library.
Naramoke Farm, the country place of Charles Wesley Dunn at Wilson's Point, South Norwalk, Conn., is the most complete and successful transplanting of Norman farmhouse architecture accomplished by Frank J. Forster. This shows the outside stairs leading to the upper story of the garage. The landscape architect was L. Lundquist.
The terrain on which this farmhouse stands is a rolling, hilly site commanding a view of Long Island Sound. The house and its dependencies lift their roof lines in a leisurely fashion above the ridge of the hill. Though little more than a season has passed since the landscaping was completed, the surroundings of the house have already acquired an appearance of age. This view of the courtyard shows the garage and service porch.
A limbered portico marks the main entrance to the house, the roof sweeping down from the ridge to cover it. Shrubbery plantings and large trees lend contrasting greenery to the whitewashed walls.

Seasoned, aged timbers salvaged from abandoned barns were refashioned for the exposed timbers. Then given a coat of whitewash, they blend into the rough texture and color of the walls.

The romantic atmosphere of this portico is created by its flanged paving and open timbers; shadowing vines, potted plants and farmhouse furniture blend into a picturesque composition.
(Top) The entrance hall of the Dunn house occupies the middle section, entered by the portico shown on the opposite page, and opening at the rear on this flagged terrace. Beyond are the library and the living room.

True to the Norman fashion, the eaves are broken by dormers and, on this living room wing, by a balcony off one of the bedrooms. Beyond is the flagged terrace; at this near corner begins the porch pictured opposite.
For all its romantic qualities, this Norman architecture can be made practical. The garage is thoroughly modern, though screened from the entrance drive by a high wall that breaks into a picturesque conical dovecote over a tool room located at the corner.

The garage and chauffeur's room are connected with the house by a service porch, thus forming one side of the enclosure. Along the other wing extends the house itself with kitchen, pantry, dining alcove and dining room at one side of the entrance hall, and library and living room to the other.
WHERE MANY TEXTURES MEET

In the building of the Dunn house several materials were used—native stone, half timbering, open timbering, rough siding, brick nogging, and on the roof rough pan tile in blended tones of old red and raven. Frank J. Forster was architect and L. Lundquist, landscape architect.
Period designs are shown on this page. (Top row) Tea pot and pitcher of modern Lowestoft, dark blue and gold motifs on blue-white ground. Plummer. (Extreme left) French Lowestoft plate in pinks. Plummer. The decorative Cauldon pink chariot pattern is from Gilman Callamore. (Right row) Spode fruit and flower design copied from old French faience, purple, blue and yellow. Rich & Fisher. Wedgwood octagonal plates depicting famous American houses. Plummer. (Below) Sebring pottery in early American scenes, red on maize. Macy

POTTERY FOR PERIOD ROOMS
Interesting shapes and simple designs mark modern pottery. (Top row, left) Tea pot by Jean Luce, green on yellow. From Alice Marks. (Center) Ginori design, vivid flower on oshiro. Venturas, Wanamaker. Sugar bond by Theodore Haviland in modern coloring of celadon green with platinum lines. Macy. Other pieces in these designs are shown below. (Left row, top) Ridgway plate in blacks on gray. M.Creery. (Center) Green wheat on eggshell color by Leigh Potters. Macy. (Below) Ridgway china with designs in black and gray on gray. Macy

SIMPLICITY MARKS NEW DESIGNS
The Gardener's Calendar for April

This Calendar of the gardener's labors is planned as 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 if, for every one hundred miles north or south, allowance is made for a difference of from five to seven days later or earlier in the time of carrying out the operations. The dates are for an average season.

FIRST WEEK

IN practically every locality the early spring is the most favor- able season for setting out coniferous evergreens of all kinds. The exact month varies, of course, with the latitude of one's garden, but no mistake can be made if the work is done just as the new growth starts, or a little earlier. As for the actual handling of the stock, treat it just as if it were deciduous material of the same size—in other words, imbed the roots completely in fine, light soil in a hole of ample size, soak the lower half of the space, fill with fine, damp soil and cover with a mulch to check evaporation.

Garden mulches of manure, dead leaves or other material beneficial to the soil are better dug in than thrown away, provided that none of the plants is injured in the operation. A small fork is a handy tool for this purpose, for with it you can work around and among the perennial clumps and shrubs, turning the mulch into the top few inches of soil.

The lawn, too, should be super- icially enriched by a top-dressing early in the spring, though, of course, there can be no attempt to work it into the soil by artificial means. The object of such top-dressing is two-fold: to furnish plant food and at the same time provide a little more covering for the roots of the grass. Bone meal and wood ashes are good for the former purpose, for the latter, use good garden loam, commercial humus or peat moss.

If the lawn needs resodding, or perhaps complete renovation, get at it early. Grass likes plenty of moisture while it is germinating and, if it is to weather the summer, needs time to develop well before hot weather comes.

SECOND WEEK

THIS is the season for using the compost heap which received so many barrowfuls of leaves, grass clippings and other garden refuse last season and set about converting them into most excellent soil. The heap will diminish rapidly once you begin to draw upon it, so if you are wise you will get a new one started at once. Even thus early there will be material for it—unwanted matches, winter-harried leaves that have banked in odd corners, rakings from the lawn. Let these be the foundation upon which green stuff can be piled later, and don't forget to sprinkle them with lime as they are deposited.

Another ordinarily wasted product which is capable of conversion into splendid potting or top dressing soil is the refuse from the kitchen. If this profligate garbage is carried to a hidden corner of the garden and, with some soil intermixed and spread evenly over it, is left to disintegrate slowly, the trouble will be very amply repaid.

All hothoops and coldframes ought to be working to capacity by this time and receiving the daily attention which the welfare of their contents requires. On sunny days it is usually advisable to raise the sashes somewhat at both ends from mid-morning until late in the afternoon, and when a really warm spell comes along they ought to be lifted off entirely. Even cloudy days some ventilation should be given.

If you have any young perennial plants that were too late to be set out permanently last fall, see that they get their chance this month. The ideal time for transferring them to the border is just as their new growth begins to show, unless they have been started early under glass.

THIRD WEEK

THE process known as "hard- ening off" a plant that has been growing indoors or outside under the protection of glass is merely a system of gradually ac- customing it to the cooler temperatures which prevail in the open air. It stands to reason that a flower or vegetable which has been used to a thermometer reading of 75° or 80° F. cannot be subjected sud- denly to one of perhaps 40°, with- out serious shock, at least. If the change is gradual, however—a few degrees colder each day for a week or more—the plant becomes used to it and will not suffer when finally it is fully exposed. Hence the need of "hardening off" the plants in the spring by admitting more and more outside air to hothouses, coldframes or other protected growing places.

Among the seedlings which will soon be showing in the flats where their seed was sown, few will hold more promise of beauty and satisfaction than three which have been started early under glass.

FOURTH WEEK

IN many gardens the early-sown Sweet Peas are up by now, and some have made the two or three inches of top growth which indicates that the time has come to start filling in around them with soil. The purpose of this is not only to support the plants until their climbing tendrils develop, and to cover their roots deeply in order to prevent evaporation against later heat and drought.

The end of April, too, brings an opportunity to put the portable plant forced or individual coldframes to work. These valuable aids to an early garden are especially useful for crops like Melons, Squash and Cucumbers which must make extensive growth rapidly in order to yield good results. They are vine crops whose seed cannot be safely sown until the soil is really warm and they are, furthermore, subject to frost damage in the early stages after germination. To give them every opportunity, put a frame over each hill a week or so before planting, in order to warm the soil.

The first signs of leaf growth will soon be appearing on the Wild Cherry and Apple trees, and by the same token the colonies of little tent caterpillars will be hatching from their egg clusters on the twigs of the trees. If you don't do another bit of pest annihilation this year, say these destructive infant beauties as soon as you notice the webs being started. At this stage it is easy literally to wipe them out with existence of a wash of burlap—far easier and more effective than the customary attempts at incineration after they are larger and have done definite damage.

And usually, by this time, most outdoor and bowling games started. A good definite signal for it is the expanding of the Maple leaves.

OLD DOC LEMMON SAYS—"You can say all ye've a mind to 'bout how good them Government fellows is' who set down there in Washington anon' make out that they knows what the weather's going to be over the full blame country for the next three-four days—I don't believe in 'em, anyway. It stand to reason that they's hundreds of 'em out there that want to wish the rain or shine tomorrer in some place a thousand mile off; it's hard enough to predict right for your own neck o' woods."

"No, sir, ye can't be weather-wise just by lookin' at maps like them fellows do. Ye got to be some real wise o' 'tellin', like Sime Ebbets been. Even at that, it ain't so easy f'r—"

"Sime he's party nigh as old as I be, an' as far back as I can recollect he's held a set o' corrs that are the finest weather-prophets I ever seen. Seems like he understands ever' den thing they're thinkin' bout—"
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These are some of the many ingredients, but it's the subtle blending with curry, against a background of East India chutney that gives to Campbell's Mulligatawny the true Eastern tone and flavor. It is truly a soup with a world-wide appeal.

A soup no home kitchen could duplicate. 12 cents a can. Look for the Red-and-White Label.

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- Citron crystallized
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- Crushed dry ginger
- Dry English mustard
- Italian garlic
- Salt
- Sugar
- Cider vinegar
- Bermuda onions
- Fresh red peppers

They're all in this enticing Mulligatawny Soup

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"The Polar Bear" is one of the series of modern animal figures executed by John R. Skeaping for Josiah Wedgwood & Sons. This fits in well with either a period or a modern room.

IN A WEDGWOOD ZOO

(Above) The gazelle presents an interesting study, as does the majestic lioness below.

(Right) The seal with its proud head and graceful body makes a very unusual model.

(Above) The kangaroo could not fail to be included in this modernistic zoological series.

Figures are available in white, tan, Celadon green, and black on an appropriate base.

Dona B. Merrill
With few exceptions (and they are becoming fewer each year), the list of America's leading hotels is practically the same, name for name, as the list of hotels in which Wamsutta Percale sheets and pillow cases are now used as standard bed furnishings.

The voluntary comment of hotel guests in all parts of the country provides conclusive evidence that the luxurious comfort of this finest of sheeting fabrics is appreciated by the most discriminating travelers.

Shrewd hotel managers have discovered by scientific tests and cost accounting that Wamsutta Percale wears longer, washes better, weighs less and therefore soon makes up its original difference in cost by its saving in laundry bills.

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Or perhaps you wish a flower bowl... a jar... a wall pocket... a jardiniere. Many indeed are the pieces, shapes and designs in which Roseville Pottery comes... in pleasing, delicate colors... in the modernistic or in the more conservative patterning.

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After dinner coffee cups and plates are delicately decorated in tones of mauve and green by Cinori of Italy. Wanamaker

CHINA IN MODERN DESIGNS

(Right) Platinum bands and edges on a soft green ground distinguish this china designed by Suzanne Lalique from Theodore Haviland, Macy

(Left) Square bowl and four square plates of blue and rose striped pottery make this unusual modern fruit set. Rena Rosenthal

This waffle set consisting of batter and syrup jugs with accompanying plates has a red design on a molasses colored body. Olivette Falls
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in silver of age-old grace and charm

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with raised monogram

"Treasure" Solid Silver

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ORINOKA GLASS CURTAIN

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But to Whistler it was not merely a reminder... it was his mother, and since then many have envied him because of this. Although they, too, formed mental images of their mothers, these images remained mental. He could put his on canvas. His memory might fail; his mother might change; but that painted image of her in the mood that he loved best could neither fail nor change.

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OLD AND NEW

This simple tailored bedspread of rayon file with pointed, scalloped and picoted edges is available in rose, blue, gold, green or orchid. From Lord & Taylor

(Right) This simple silk rayon spread is designed after the Rodier manner. It has a scalloped border and may be had in green, blue, or rose, shot with silver. R. H. Macy & Company

In keeping with the rest of the furnishings is this bedspread inspired by an old piece of needlework. The screen in the corner furnishes an echoing note. Courtesy of Elsie Sloan Farley

The silk taffeta appliqué comforter at the left above comes in green, orchid or gold. Lord & Taylor. The Forget-Me-Not appliqué quilt has a white chambray ground. Eleanor Beard

The simple tailored bedspread of rayon file with pointed, scalloped and picoted edges is available in rose, blue, gold, green or orchid. From Lord & Taylor

(Right) This simple silk rayon spread is designed after the Rodier manner. It has a scalloped border and may be had in green, blue, or rose, shot with silver. R. H. Macy & Company

In keeping with the rest of the furnishings is this bedspread inspired by an old piece of needlework. The screen in the corner furnishes an echoing note. Courtesy of Elsie Sloan Farley
The return of the diamond to the necklace is a marked and interesting event. After a lapse of many years there is a distinct trend toward the necklace of diamonds and other precious gems set in platinum . . . either

the flexible long chain . . . or the choker effect.

BLACK STARR AND FROST
Jewelers in New York for 119 Years

FIFTH AVENUE, CORNER
48TH STREET, NEW YORK
PARIS . . . PALM BEACH
These modern linoleums cost money—protect yours with Bassicks

Those bright linoleums that liven your rooms and beautify your home. They cost money of course, but they are worth every dollar they cost. Certainly they are worth preserving. That’s why linoleum men urge the use of Bassick Casters and NoMar furniture rests. They know Bassick Casters save linoleum from scratches and scars...know that NoMar Rests prevent ugly dents and breaks in linoleum where heavy furniture stands.

The cost is small. They will add years to the life of your linoleum—and they lighten housework, too. Ask your hardware or house furnishing dealer—he knows.

NoMar Rests — the last word in floor protection

NoMars were invented to spread furniture weight. That’s why they save the pile of carpets from matting in unsightly spots—why they protect linoleum from being pitted and pockmarked.

The smooth surface of NoMars is carefully bevelled. The edges are rounded. There’s not a single sharp angle to scratch, tear or cut. In kitchens, living rooms, in business offices... wherever floors deserve care, NoMars have proved their worth. Use the coupon below to get the whole story... or go to your hardware or house furnishing dealer for your first test.

Furniture rolls so easily on Bassick Casters

Furniture that must be tugged and pushed and hauled across the floor is as out of date as the old time ox cart. The modern way is to install Bassick Casters. They roll so lightly...without breaking effort...without damage to the most costly floor. Can you afford to keep on pushing and dragging in this modern age?

Let us send you our new service booklet with its helpful ideas. Just clip and send the coupon. Or, better still, go to your dealer and get the Bassicks you need...enough for every piece of furniture that must be moved.

Bassick Casters are packed 4 to a set, with sockets. Many styles: three sizes, for heavy, medium and light furniture. Write for the new Bassick Casters and NoMar furniture rest booklet to guide your selection.

Bassick Casters, No Mar Rests and Bassick Period Hardware are the finishing touches of excellence for fine furniture.

THE BASSICK COMPANY, Bridgeport, Conn. You may send me the illustrated new service booklet which tells where and how to use Bassick Casters and NoMar Rests

Name
Street and No.
City
State

F OR C H I L D R E N ’ S R O O M S

This delightful peasant scene makes an excellent wall paper for the nursery. From Elsie Sloan Farley

A pale peach ground is enlivened with fair maidens and sun tanned militants. Elsie Sloan Farley

Distinctly modern is this frieze which might be placed just below the ceiling or within the child’s eye range. Thibaut

"The Cries of London" is a quaint paper as suitable for the room of the growing child as is the amusing Tony Sarg design shown below. Thibaut

The varied wall papers illustrated on this page offer a wide choice. They range from the old favorite "Cries of London" to extremely modern designs
PICTURESQUELY beautiful . . . a leader of the smart younger set . . . and by birth one of that most exclusive of inner circles, Philadelphia's oldest families—Mrs. William H. Kingsley, Jr., is known to her friends as a lovely person with a flair for beauty and grace in living.

Her charming home at Chestnut Hill is planned for gracious entertaining, and selecting the silver for her dining room was one of her first happy tasks.

"Of course, I instinctively knew," she says, "that I would select a Gorham pattern, for as everyone knows, Gorham makes the finest sterling and their designs are always authentic.

"I decided on the new Dolly Madison pattern because I love the graceful sweep of its delicate lines. Somehow you can just see the loving care of the artist who moulded the smooth, gleaming silver into this beautiful, simple form. Truly modern in the best sense, it adds richness to any table setting."

It is because silver, the subtlest, most elegant of metals, can reveal its true beauty only in the delicately precise hands of such artist-designers, that Gorham Sterling has been for generations and is today the choice of women of inherited position and of distinguished taste. The amazing thing to know is how small an investment purchases this most beautifully designed of all sterling. There are many sets of hollow ware and flat silver in matching patterns. Your jeweler will be proud to show you Dolly Madison and the many other beautiful patterns in Gorham Sterling.

The Gorham Company, Providence, Rhode Island and New York City.
For the Hostess who appreciates Beauty
... and takes Pride in Good Coffee

If your table ensemble is smart, colorful, thoughtfully conceived—if you are the kind of hostess who isn't satisfied with ordinary coffee—then you'll find your ideal combination in this new copper percolator by Torrid... Study its flowing lines — its graceful spout and curving handle. Imagine that handle in bright Cherry Red, or deep Delft Blue, soft Woodland Green or pert Canary Yellow — in colorful contrast to its gleaming nickel finish... Consider that this new percolator makes seven cups of excellent coffee—full-flavored, and delicious. Consider the fuse link safety feature. Then, if you wonder at the moderate price, remember that

Imagine paying less than fifteen dollars for such a striking, well-made electric percolator!

$10.95

Torrid Electric Home Helpers are noted for their exceptional value... The body of this new cold water type percolator is of pure copper, heavily nickel plated. The patented pump is unusually quick and efficient in action... The Torrid Copper Percolator is available at most dealers or direct from the manufacturers upon receipt of check for $10.95. Aluminum percolators from $3.50 to $6.95. Torrid-Silex Coffee Maker $9.00 and $10.50... Write for a free copy of a helpful and charming little booklet called "The Remarkable Mrs. Jones," which lists twelve other exceptional electric appliance values. The Beardsley & Wolcott Mfg. Co., Waterbury, Conn.

TORRID Electric HOME HELPERS
It is a notable fact that the owner of a Lincoln comes to feel something of the relationship existing between a man and a finely bred horse—a sense of confidence and affection, of loyalty and pride.

For here is a motor car with a great tradition behind it. A car so beautiful in appearance that people turn their heads to look at it, so marvelously well constructed that it will not fail. A car that embodies the skill of the foremost coachmakers—Locke, Dietrich, Judkins, Willoughby, Brunn. (There are no yearly models. The Lincoln that you buy today will not be out of date tomorrow. Like all fine things, it grows old gracefully.) A car that is equally at home on a desert trail or at Deauville. In brief, a motor car that will serve you long and faithfully, with credit, in the most exacting usage to which an automobile can be put.

The Lincoln Motor Company, a division of the Ford Motor Company of Detroit, Michigan, U.S.A.
The modern woman is grateful to the Carlin Shops for perpetuating the charming traditions of daintiness associated with the Boudoir of great ladies of all periods. Cushions as weightless as moonbeams, silken coverlets, chaise longue ensembles, and other boudoir requisites are coveted alike by decorators and their clients. The Carlin Shops are dedicated to the woman of today—the woman who admires the luxurious—but deplores the extravagant.

HOW TO SELECT WALL PAPERS
(Continued from page 109)

papers, as this room is used by many people, is lived in for long stretches at a time, is filled with interesting objects of all kinds, and therefore have a restful background. Use all-over designs having a pleasing regularity, lattice and diamond effects, and any of the numerous neutral two-tone patterns that break the wall surface, insuring a greater play of light and shade than a plain wall. Designs of this type, not resulting in definite outlines, may be used successfully with chintz. When a strictly period effect is desired, the problem is simple, as there are papers for every type of decoration. If you have badly designed furniture, avoid a perfectly plain wall since it shows up the ugly lines of chairs and cabinets.

DINING ROOMS
An excellent place for scenic and picture papers of all kinds. Here definite patterns and striking color effects are permissible, because the interior is not occupied for any length of time. When using scenic papers, start the design so that a picture is not broken at some unfortunate spot. This requires careful measuring before the paper is hung. Large, flowing flower designs and floral patterns of the Chinese type are delightful in dining rooms; landscapes are always safe, while the new modernist designs from Germany are refreshing and different, many of them being entirely appropriate for 18th Century English and Early American furniture. Avoid insignificant designs that suggest bedroom. Informal patterns should be used only in small cottage interiors. For Early American dining rooms there are numerous excellent reproductions of beautiful Colonial papers. For the dining room with French provincial furniture there are naïve toile designs, rural landscape scenes, as well as a variety of charmingly colorful flower patterns.

BEDROOMS
Light and an impression of airiness and space are essential here. Flowery papers suggesting chintz make charming country bedrooms, these papers frequently giving the effect of a room hung in fabric. All-over effects that have no beginning and no end are more restful than the definite medallion-like designs that are apt to give a spotty look. Polka dots, stars and the diamond and lozenge motifs in two tones are all restful types of design and are therefore suitable for bedrooms. In guest

(Continued on page 186)
In a wide experience as decorators and cabinetmakers, it has been our privilege to execute interiors for clients residing in all parts of America and to complete the rooms in each detail of the background, lighting, furniture, hangings and all the incidentals of a well-considered decorative scheme.

While the actual production of the work is done in our shops, the installation is promptly made under the direct supervision of our decorators... anywhere, regardless of the distance from New York.

A visit to our Galleries will reveal a collection of furniture and related objects, charmingly composed in a series of decorative ensembles, so extensive and diversified as to meet any architectural requirement.
"Yes, it's the easiest spring cleaning I've ever had!"

NO more time wasted polishing up the furniture—but the wood looks better than it ever did! "You mean a professional does it now? I believe you—the lustre on this mahogany is gorgeous!"

"You guessed wrong! Since my last spring cleaning I've found VERNAX. Now I VERNAX the furniture once a week and it doesn't need any annual 'going over'."

"But woodwork gets so dingy in the winter. Does VERNAX take off that neglected look?"

"It takes it off and keeps it off. If you've let your furniture get into that state, you'll have to VERNAX it often at first. But even so, it's such a simple process!

"First you rub in VERNAX to clean the surface of the wood and work down into the pores. Then go over it with a clean cloth, to bring out that clear, gleaming lustre. That's all! No 'spring cleaning'—it's clean all the time."

"Came the dawn and with it VERNAX!" exclaimed her guest. "No more 'spring cleaning' for my furniture."

You, too, can prove the value of VERNAX—and for only 10¢. Send the coupon today for the liberal trial bottle—enough to VERNAX your favorite piece of furniture.

VERNAX
Furniture Cream

Distributed by Schieffelin & Co. for Arthur S. Vernay, Inc., New York

Laboratory of Schieffelin & Co. 20 Cooper Square, New York City

Enclosed is 10¢. Send me trial bottle of VERNAX and booklet, "The Care and Restoration of Furniture and Woods," by Arthur S. Vernay.

Name
Address
City
State
My dealer is

Printed from page 122

TORTOISE-SHELL COLLECTING

Tsang-kieh, who "flourished" (I see no reason why mythical persons should not flourish) B.C. 2700, inspired by the markings on tortoise-shell to represent ideas by graphic symbols.

To what extent the ancient Greeks employed tortoise-shell as a material in the arts we do not know, but it is likely they did so use it. The Romans inlaid bits of tortoise-shell in their furniture, and I think they may have used it decoratively for other objects, some merely ornamental or again utilitarian.

It is extraordinary, when one stops to consider it, that such a material as the shell of a tortoise should have yielded to the craft of man and have lent its obstinate self to such a remarkable variety of beautifully wrought objects, its surface to the transformation of such rich and colorful attractiveness.

One of the highest compliments which succeeding centuries have paid to tortoise-shell in the arts is to be found in the attempts to imitate it. One of the earliest English references to such imitation is found in the inexhaustible Diary of Samuel Pepys. Under date of June 17, 1666 he writes: "Thence from Mr. Hales to Lovett's, ... He did also carry me to a Knight's chamber in Grey's Inn, where there is a frame of his making, of counterfeite tortoise-shell, which indeed is most excellently done."

The tortoise-shell employed in the arts is the shell of the smallest of the sea-turtles, the Chelonia imbricata, the hawksbill tortoise, one of some two hundred species of turtles. In the choice of tortoise-shell, the plates composing the whole shell (thirteen overlapping dorsal ones with twenty-four marginal ones of inferior quality) are graded according to size, thickness, translucency and markings. The hawksbill is found only in the tropical zones. It is sought along the coast of Yucatan, Central America, in the..."
THROUGH A DECORATOR’S EYES

“How well,” you say to yourself, “will this pattern get along with my other things?”

This question is answered by a decorator of international repute, who has successfully used Minuet (1) with English interiors of Adam and Sheraton influence (2) in a pure American Colonial setting (3) in an interior effectively combining old and very modern pieces in a charming informality. He says of Minuet, “Whenever quiet good taste is the keynote, Minuet is at its best.”

THROUGH A COLLECTOR’S EYES

“Will Minuet be prized in the future?”

“Among all the silver patterns in my own collection,” a much-quoted connoisseur of silver recently remarked before a gathering of collectors, “I have no pattern of a finer simplicity and charm than Minuet. It has character—integrity—and that, my friends, is the mark that distinguishes lasting art.”

THROUGH EYES THAT SEEK BEAUTY FOR ITS OWN SAKE

Minuet answers your gaze with the same delicate precision, the same matchless dignity and grace which characterized that stately dance of our forefathers—the Minuet.

Perhaps it is the blood of our forefathers in our veins which murmurs, “Choose this... for your own lifetime’s delight, and for the delight of generations to come.”

* * *

6 teaspoons in this gracious pattern are but $11. Or twenty-six pieces—an excellent foundation set—cost but $73.35. Matching hollow-ware is to be had in Minuet and in other International Sterling patterns.

* * *

What pieces will you need first? The progression from a beginner’s set all the way to an elaborate service is discussed in the most helpful of silver booklets—“Correct Table Silver—Its Choice and Use.” It shows various International patterns, with pieces and prices on each.

With it will come the MINUET booklet, giving MINUET’S charming history. Send 30¢—a fraction of their actual cost—for both.

INTERNATIONAL SILVER Co., Meriden, Conn. M&O 4-29

Enclosed is 30¢, for which please send me “Correct Table Silver” and Minuet booklet.

Name:

Street:

City:

State:
WHEN MORE THAN ONE OF A KIND IS EMBARRASSING

How often is one, with a leaning towards individualism, embarrassed to find that other well-wishers have made the self-same gift? But Plummer's has found a way of dispelling almost entirely this possibility of gift duplication. For here are shown many glass and china patterns that are exclusively Plummer's! A limited supply only has been made and sent here for our patrons. Nowhere else, despite all effort, can they be found.

An illustration is the gold-rimmed Cocktail Glass shown above, shaped in spotlessly clear glass of first quality. To relieve the monotony of the ever prevalent stereotyped Cock, and to give diversity to these glasses, we have produced them with a varied assortment of game birds, including Partridge, Pheasant, Blackcock, Woodcock, Grouse, Mallard, etc. They are hand-painted in natural colors and each glass is labeled in gold with the name of the bird portrayed upon it.

Aside from the virtue of exclusiveness, Plummer's places at your disposal five floors of the most distinguished glass, china, earthenware and pottery ever assembled. And an interesting Antique Department worth an hour of anyone's time.

Wm. H. PLUMMER & Co. Ltd.
IMPORTERS OF
Modern and Antique China and Glass
7 & 9 East 35th Street, New York
Near Fifth Avenue

TORTOISE-SHELL COLLECTING

(Continued from page 164)

Caribbean, in the West Indies, Brazil, Peru, the Malay Archipelago, Indian Ocean and in the Dutch and British East Indies.

An authority on the modern tortoise-shell industry, whose monograph on the subject has been published by the Pan-American Union, tells us that tortoise-shell is more brittle and harder than ordinary horn, and that before it can be worked the tortoise-shell must be subjected to boiling, or to the action of dry heat. This renders it soft, pliable and more easily to be shaped by bending. Also it enables the workman to unite them with other pieces where greater thickness or area than can be obtained from a single piece is desired. Also this boiling or heating renders the tortoise-shell susceptible to carving, engraving, cutting and shaping.

In tropical countries the native workmen produce remarkable objects in tortoise-shell by the use of the most primitive tools. Their skill in inlaying the shell with ornament of gold, mother-of-pearl, silver and other materials is extraordinary. The craftsman of the Orient are also famous for their work in tortoise-shell, and perhaps that of Japan is unsurpassed in its finest examples.

Tortoise-shell is, of course, a horny matter, although much harder and more brittle than ordinary horn. It is also less fibrous. Transparency and translucency are very important factors in determining its quality. Then color is to be taken into account. It is surprising that the range of this style is so great: there are the warm yellows with dabs and spots of rich brown, the whitish shell having a mottling of black, which is more rare, the red shell and so on. Shell taken from a tortoise which has met a natural death is clouded in color and for that reason it is much less esteemed in commerce and in art products.

The artist-craftsmen of the period of the Italian Renaissance utilized tortoise-shell in many of their works. One of the most famous examples of the sort is the Bulbi coffer in gold, silver and tortoise-shell, attributed to Benvenuto Cellini. When John Evelyn visited Italy in 1644, he made note (Diary) of having seen in Florence a "Cabinet cupola'd with a tortoise-shell and containing a collection of gold medailes esteem'd worth 10,000 crowns." Evelyn had ever an eye for the beautiful and the curious, and he is the collectors' and connoisseurs' diarist paramount. Some six months before this he had observed in the gardens of the Luxembourg at Paris "an inclosure for a garden of simples, (Continued on page 170)
WHEN YOU SELECT
STERLING SILVER

—decide on a design which will not go out of style. Get a design with a fundamental motif—a shape that will be desirable through a lifetime—and longer. Look for careful workmanship, and a name that assures full value. Go to your jeweler's and ask to see the Oxford Pattern in Sterling Silver by Reed & Barton.

This beautiful design was inspired by the magnificent windows of Christchurch Cathedral at Oxford, and will continue to be treasured through all the years to come. It is made by Reed & Barton, who, for more than a hundred years, have been known as skillful master-craftsmen. The Oxford Design in Sterling by Reed & Barton is substantial in weight and character. It will be enduringly lovely on your table.

TAUNTON, MASS. REED & BARTON NEW YORK, N.Y.

REED & BARTON

TAUNTON, MASSACHUSETTS
ESTABLISHED OVER 100 YEARS
SILVER PLATE
THE DIGNITY OF LINEN DAMASK
is decreed by the changeless canons of good taste

In this age of rebellion against the modes and manners of the past, the use of fine linen damask as covering for the correct dinner table is a custom that still endures—because it is a custom that is endorsed by the changeless canons of good taste.

For more than a century, Gold Medal Irish Linen Damask has been the traditional choice in those homes where gracious living is a heritage. William Liddell & Company, 51-53 White Street, New York City. Mills in Belfast, Ireland.

For Sale at all fine Stores

GOLD MEDAL Irish Linen
TABLE DAMASKS
Real beauty is unchanging. Classic forms still delight the eye after twenty-four centuries. A thing of true beauty, grace and charm need pander to no passing fad or changing mode.

The Packard has long been distinctive—and distinguished. Its beauty has been acclaimed by the motoring world at large—flattered by imitation. Through ever-varying trends in motor car styles Packard design has persisted unaffected in basic essentials, supreme in its original conception—refined only as time goes on.

To owners, the stability of Packard lines means more than a satisfaction of the artistic sense. It signifies, too, that no frequent and radical changes in appearance will depreciate their investments—that their cars will be Packards in looks as well as in name, through long years of luxurious service.
A STATELY Italian wrought-iron candlestick with a wooden base .... on the wall a Flemish tapestry of unusual pattern .... fronted by a handsome old Elizabethan coffer .... an Oriental rug of rich hue to complete this impressive entry-way.

W. & J. SLOANE
Fifth Avenue at Forty-Seventh St.
New York City

SAN FRANCISCO
LOS ANGELES
WASHINGTON
Two of your home’s loveliest possessions

now combined for utmost decorative beauty

This exquisite new Miller Lamp combined with a Telechron Clock—so that precisely accurate time and warm glowing light may both pulse through the same wire from a socket in your home—was enthusiastically approved by leading Interior Decorators when it was privately displayed in a New York showing recently. Now it is introduced—and proudly—to House & Garden’s discriminating readers, and to homes of discriminating beauty everywhere.

The mellow glow of beautiful lamps, the living quality of correctly running clocks—these two more than any other possessions create the intangible atmosphere of individuality in your home. And this striking new combining of lamp and clock is the most interesting contribution to beautiful interiors that many months has produced.

The Miller Lamp in Georgian design

With the distinguished accuracy of style and period which are part of all Miller Lamp creations, this candle lamp displays a Georgian model, hand-molded in rich colonial bronze. The candle drips are cupped cut-glass; the metal is burnished and colorful. With the happy adaptability of the Georgian period, the model will fit appropriately in practically any decorative style of room you may possess.

The Telechron Clock for precise timeliness—an attribute of well-bred homes

Accurate timeliness—an attribute of well-bred homes—is assured by Telechron Clocks, whose time impulses are electrically driven from minute to minute over electric wires. Never any question of time accuracy in homes which proudly possess this Miller Lamp with Telechron Clock. Schedule proceeds with smooth, quiet perfection, attune to the smooth perfection of this perfect regulator.

Would you like to ask questions?

Is there more you would like to know about Miller Lamps with Telechron Clocks? Send for special circular describing it to The Miller Co., Meriden, Connecticut.

Pioneers in good lighting since 1884

Miller Lamps are carried by leading stores everywhere. Miller Lamps with Telechron Clocks are distributed from coast to coast in 200 cities where the electric light company supplies "regulated" current. Ask your local electric light company.
Let the "Tree of Life" live in your home

Cover the floor of a room with this Bengal-Oriental rug, and you have brought into your home a living beauty that will never die.

Walls and furniture will reflect the everlasting loveliness of the rug—the soft luminous glow of colors that Oriental art has blended and designed into this "Tree of Life" pattern.

Bengal-Oriental Rugs are exact reproductions of priceless originals at a fraction of the cost. A room-size Bengal is less than $200.

FOR 10 CENTS

We will send you a portfolio of color reproductions of rare and beautiful Bengal-Oriental rugs. Write to JAMES M. SHOE MAKER CO., 119 West 40th Street, New York. Send 10 cents and your name and address.

Bengal Oriental Rugs

THE HOUSE OF SHOE-MAKER—TWENTY-THIRD YEAR

(Continued from page 166)

TORTOISE-SHELL COLLECTING

(Concluded)

well-deserved, and here the Duke keeps tortoises in great number, who use the pool of water on one side of the garden." On Easter Monday in the same year Evelyn, arriving in Dieppe, made note that the town abounded "with workmen, who make and sell curiosities of ivory and tortoise-shells; & indeed whatever the East Indians afford of cabinets, purexes, natural & exotic rarities, are here to be had with abundant choice." Dieppe must certainly have delighted his curiously loving heart.

From the days of the French Renaissance, tortoise-shell has held an important place in the art-manufactory of France. One of the most interesting and familiar examples of this French application of tortoise-shell to art-products is to be seen in the furniture of the famous French ébéniste, André Charles Boulle (1642-1732), who was born four years after Louis XIV ascended the throne and who died seventeen years after the accession of Louis XV. Boulle did not invent the inlaying of furniture with tortoise-shell, metals, etc., but he brought the process to such perfection and introduced it in such innovations that he stands practically as the father of the art of applying tortoise-shell to furniture, and in its development in regard to French furniture it is really his creation.

ORNAMENTATION

In decorating his furniture, Boulle employed plates of tortoise-shell, ornamented with plain or with chased metal, set into the shell with surfaces flush with that of the shell. In the production of these pieces, the inlay was perfectly achieved by the plates of shell and metal being placed together, one upon the other, sawing out the pattern through both materials at one and the same operation. This insured a perfect fitting together of tortoise-shell ground and metal inlay. As this would leave a waste of remaining pieces of ground and patterns, but in reverse order, these came also to be utilized, probably as a matter of economy; but furniture so decorated in this reverse order was of inferior attractiveness and came to be called Contre partie to distinguish it from the first sort, or Premiere partie. Boulle work was imitated by craftsmen who substituted horn for shell and who added color-blue, vermilion, etc.-ad infinitum.

Another interesting use of tortoise-shell is seen in piqué work. This is tortoise-shell decorated with tiny points or spots of ornamental unis, bits of gold, silver and other metals, Major Herbert Crowley Dent has written an interesting and authoritative work on this subject (Piqué, a Beautiful Minor Art, London, 1923) in which Mr. C. Reginald Grundy contributed an introduction in which he says of piqué:

"Of all minor arts of its time it must find its greatest exemplification in the inert artist of the age, so much so, indeed, that if other evidences of French art and culture during the Seventeenth and Eighteenth centuries were lost, one could almost reconstruct a picture of them from the work in piqué produced during the period." And this is quite true.

A variety of piqué objects were manufactured, most of all of them small in size, although a few large pieces, such as the remarkable spinning-wheel in the Dent Collection, were attempted with success. But for the most part piqué was made in such forms as étuis, bodkin-cases, trays, snuff-boxes, scent-bottles, little drinking-glasses, fan-sticks, bonbonnières, toy objects and jewelry.

In its earlier forms piqué confines its decoration to petits points of metal which dot the tortoise-shell ground with starry effect. Later the piqué perlé or strip-decorated was used. While mainly applied to tortoise-shell objects, we also find ivory piqué. Major Dent defines piqué as follows: "Gold or silver in point or strip, on either shell or ivory, and if mother-of-pearl be included at all, the frequent added decoration, it would, but with few exceptions, cover all piqué work from the time of Louis XIII to the present day."
BIRDS and butterflies, conventionalized flowers and vines, contribute their loveliness of outline, curving tendril and rich color to the charming assembly of ornament for this machine-loomed tapestry.

They are adaptations in simulated petit-point of those delicate forms with which ladies of Olde England adorned their silken caps, bags or gauntlets—fascinating bits of life and color from their matchless gardens.

The background of this tapestry—in yellow or peacock or a soft fawn—gives a particularly interesting play of light and shade by its unusual weave of irregular chevron stitches.

It makes an unusually handsome covering for almost all types of English or American furniture.

From every country and every age where weaving has been a prized art, F. Schumacher & Company has procured a wealth of authentic copies or adaptations of rare fabrics as well as original designs of famous contemporary artists. In velvets, brocades, damasks, tapestries, linens, chintzes—your decorator or decorating department of your department store will be glad to obtain samples for you.

"Fabrics—the Key to Successful Decoration"

This helpful booklet will be sent to you without charge, upon request. It is planned to help the woman who wishes her home to be successfully decorated, but has not the time or the inclination to make a deep study of Interior Decoration.


This tapestry comes in three backgrounds—a brilliant yellow, giving a Chinese effect; a delightful peacock; and a soft fawn. The same colors in the motifs are very effective on all these grounds.

The rich variety of color in the motifs and the play of light and shadow in the background of this tapestry make a particularly handsome covering for almost all types of English or American furniture.
The Sudbury Bureau represents a most interesting collection of bedroom furniture, traditional in the beauty of its design and workmanship, most modern in proportion and group arrangement.

We have selected only the choicest Cuban and San Domingo mahogany for these pieces, for in the bedroom, especially, its unmistakable richness and depth are particularly gratifying to the person of taste. Exquisite details of inlay and carving add interest to the even contours of form.

Visit our showrooms soon and see these interesting selections—with a lovely collection of individual pieces and related groups for every room in the home.

**PIRATES, SHIPS AND THE SEA**

(Continued from page 99)

Ever have such a universally popular appeal as the sea? Few of us escape being enchanted by the sea's magic, whereas to many people the finest pack in full cry is nothing more than "a mob of hollerin' dogs," as the Sussex farmer called it. Consequently, it is encouraging to find, as these pictures attest, that interest in the sea and sailors, in ships and pirates is far from dead. It has passed from being a mere subject for decorative accessories to the decoration itself. Whereas a boat model or two once satisfied the yearnings of the nautical collector, today his walls are covered with seascapes, libraries are fashioned within and without after the manner of romantic ships, pirates stalk the decks that are our walls and ships sail across the fabric of our curtains.

In the sea library of Walter Seligman, at Sands Point, L. I., a fine old high-pooped ship has come to its last port. At least that is the suggestion the carved stern gives, with its realistic balustrade and rudder chains. Even more nautical is the room this ship encloses. Here the windows are banked above a deep, comfortable bunk, from which vantage point one may contemplate the great ship's timbers of walls and ceiling, the robust knees that extend out into the room supporting the bookcases, the port hole windows. Sitting in this maritime-cabin library one can ride out many a storm.

That the sea and its picturesque adventures can be captured in town is attested by the pirate murals in the New York apartment of William M. Marby, the work of Stanley J. Rowland. They are painted in transparent water color on silvered paper laid over canvas. The elevator entrance hall, though only five by six feet, appears a large room. First the floor was covered with a black and tan composition troweled and lined to simulate the flooring of the deck of a 17th Century pirate ship. The painting of these floor boards and their "tar lines" was carried fore and aft on the apartment door and on the elevator door respectively. Standing in the middle of this foyer with both doors closed, the lines of the flooring run straight from bow to stern. A ship's lantern with blue ground glass panes gives the light and with this light alone the walls and doors were (Continued on page 174)
Mrs. Frederic Cameron Church Jr., formerly Miss Muriel Vanderbilt

Has these "exceedingly comfortable" beds in her Newport Home ~

This charming guest room has original paneling that dates back to Revolutionary times when Lord Dudley occupied the house. Mrs. Church collected the old maple pieces, and hooked rugs, and her Simmons spool beds in maple-finish "harmonize perfectly." Spool Bed No. 1550 in maple, walnut, green-and-ivory, and gray-blue finishes.

In Dudley Place, her delightful Newport home dating back to Revolutionary times, Mrs. Frederic Cameron Church Jr., has preserved the historic atmosphere of the old house. And yet, with rare taste, she has mingled brilliant modern colorings with her fine early American pieces. For her guest room she chose these quaint, maple-finished spool beds from Simmons, which "harmonize perfectly" and yet are "exceedingly comfortable."

Of course, Mrs. Church wanted the finest appointments for her beds so she chose Simmons Beautyrest Mattresses and Ace Box Springs as offering the utmost in comfort and resiliency. Mrs. Church, who is a proud owner, says, "I'm enthusiastic about the Simmons Mattresses and Springs. I was glad to find them covered in damask in such interesting patterns and colors to go with the color scheme of the room."

This marvelous bedroom equipment by the world's largest makers of finest beds, springs and mattresses.

In furniture and department stores, Simmons Beautyrest Mattress, $35.50; Simmons Ace Box Spring $22.50; Simmons Ace Open Coil Spring $19.75. Simmons Beds $10.00 to $60.00. Rocky Mountain Region and West, slightly higher. Look for the name "Simmons." The Simmons Company, New York, Chicago, Atlanta, San Francisco.

Simmons Beautyrest Mattresses and Ace Box Springs made by the world's largest manufacturer of beds, springs, and mattresses. Damask covers in six pastel shades, two patterns. The Ace Box Spring, resilient and long wearing, has stitched sides and taped edges to match the Beautyrest.

Simmons Ace Open Coil Spring unboxed, light weight—sturdily constructed, low in price. Coils are close together to afford marvelous resiliency. Banded border protects sheets. Slip covers additional.
The presence of a Revere chiming electric clock, either a stately hall model or one of period mantel design, bespeaks an appreciation of the charm of Old World chimes—Westminster, Canterbury, Whittington. In addition, an appreciation of the necessity of Observatory Time. Revere electric clocks have no springs, escapements, or pendulums, but are directly driven by the remarkable Telechron motor. Consequently, these clocks embody the greatest improvement in timekeeping since 1750—Observatory Time from the electric current—simply plug into an electric outlet and set the hands correct. The attractive display at your authorized Revere dealer’s will make easy the selection of just the right model and design to harmonize with your home and assure Observatory Time with symphony chimes.

PIRATES, SHIPS AND THE SEA

(Continued from page 172)

PIRATES, SHIPS AND THE SEA

Painted. The general effect is that of a pirate ship loafing along the high seas on a moonlit summer night. Pirates about the deck are engaged in leisurely occupations. The ship is pitching and rolling a bit. In the distance is a lagoon bordered by Palm trees, gulls, flying fish and porpoises are to be seen.

Adjoining rooms in this apartment are painted with murals picturing various events of American naval history. In one corner the "Constitution" enters the Mediterranean. It skims the Algerian coast and heads toward Syracuse where Commodore Preble will prepare his base for the war with Tripoli. At one end the U. S. "Constitution" captures the British frigates "Levant" and "Cyane". A large panel shows the "Guerriere" being overtaken by the "Constitution", and thus on through the thrilling scenes of the War of 1812. These murals are painted in blue, gray-green and lavender. The wood trim is gray olive green. Early 19th Century American furniture is used, with heavy curtains in natural linen. The rugs are deep red, tan and mauve.

Equally vivid and amusing are the pirate panels that Louis Bouché painted for the New York apartment of Z. R. Sheesley. Against a background of Chinese vermilion are set pirate figures, landscapes, ships, etc., in realistic colors. The subjects are "Pirates at Play". This room is used by the owner for his own lounge.

In quite a different medium are the pirate groups by Dwight Franklin. The figures are modeled out of wax and realistically colored. A painted backdrop and miniature surroundings give the group vivid realism. These are placed in shadow boxes with the light advantageously located. Set into the paneling of libraries and ship rooms, these pirate groups establish the veritable salty atmosphere.
All motor cars have two prices—the factory (f.o.b.) price, and the delivered price. If the delivered price includes the extras, charged for at retail prices, you'll find your car costing a lot more than you anticipate. Some dealers (not Nash dealers) charge as much as $50 or $60 for bumpers alone. On the new Nash "400" you'll find every necessary accessory... hydraulic shock absorbers... bumpers, front and rear... even tire locks... installed at the factory... included in the factory price... at no extra cost. That means a very much lower price, delivered, fully equipped. The Nash "400" leads the world in motor car value!
The Hostess of the Moment...

must dramatize—or fail

Entertaining is a very finished thing today—or one's not a popular hostess... Dinners aren't as long—but gayer. Menus aren't as heavy—but more ingenious. China isn't as dull—it must be exquisite in quality, modern in color, arresting in design. And—to be quite in the movement—it should vary from course to course.

Calla lilies and mimosa—the singing crystal of her glass—the shining richness of her damask... these, for one hostess, make a stage setting for her ivory service plates bordered in rich old red and lightly laced with gold. She follows them, course after course, with plates that swing the emphasis from green to blue—through bands and patterns set against the ivory—to after-dinner coffee cups in black and gold... Another hostess uses roses—drops the blue—and rounds her color gamut with a simple banded plate in ivory and gold.

Black Knight China retains all that is loveliest in conventional design, refusing to go meaninglessly mad. The modern tempo is expressed in color—those jewel tones against warm ivory—and in variety, to suit the most exacting hostess of the moment... Surprisingly, one finds such beauty isn't fragile. The flawless ivory glaze won't scratch in a lifetime of useful service.

To the hostess: May we send you Black Knight's little book on the "color-for-every-course" vogue? And tell you where to find this lovely china? Just write Black Knight China, 205 Fifth Avenue, New York City.
Today, from towels to tooth-brushes our Twentieth Century bathrooms are “going Modern.” Equipment is not only sanitary and scientific, but is becoming artistic and colorful. Decorative Cannon towels, designed in the Modernist manner, contribute much to the Modern bathrooms clever women are planning for their homes. Very simply you can give your bathroom a different dress for 1929. Experiment with a dozen new Cannon towels and see how easy it is to make an exciting change!

Cannon towels are extremely colorful. Borders are in rose, sapphire, turquoise, jade, peach, maize and orchid, tones that harmonize with other colors, yet have character enough to set a color scheme. Every Cannon towel, you will be cheered to know, is absolutely guaranteed never to fade.

The Modern Cannon designs are spirited, yet simple. Choose up-to-date dolphins, enterprising whales, smart sea-gulls, if you like marine subjects or sea-scapes for your bathroom. Or decide on the fanciful flamingos or the merry little marmosets, if you wish something tropical. There are also conventional patterns, bold stripes, all-over color, and snowy all-white towels.

And yet—Cannon towels cost considerably less than other towels of equal merit. You pay nothing extra for their good looks and distinguished designs. Realizing that things used daily should be lovely, Cannon anticipated the modern vogue for beauty in manufactured articles. You can easily afford the towels needed to give your bathroom a Modern effect. Prices range from 25c to $3.50, according to purpose, size, weight.

Ask to be shown Cannon bath mats and bath towels and bath sheets. Ask to see Cannon face towels, hand towels, both luck and turkish, and Cannon wash cloths. Handle them, and observe their quality. For sale in dry goods and department stores everywhere. Cannon Mills, Inc., 70 Worth Street, New York City.

The most modern, up-to-the-minute housekeepers, the managers of America’s great hotels, have adopted Cannon towels. They approve their good looks, their high quality and their astonishing economy. They know they will wear wonderfully well, in spite of constant laundering and continued service. And they know that because Cannon towels are produced in enormous quantities, they are sold at remarkably low prices.


Cannon turkish towel, frosted effect in blue, pink, gold and green. Price about $1.25.

Have you seen the new Cannon sheets and pillow cases? Cannon Lavender Lawn, the finest sheet in the world. Packed scented with Yardley’s English Lavender. In snowy white, azure blue, canary yellow, sea-shell pink, lavender, peach, and Nile green (pastel shades). Price in white, standard size, about $5 each.

Cannon Linoen is a wonderfully substantial and very strong sheet, priced in white at about $1.75.

Cannon Fine Muslin is a most satisfactory service-weight sheet in white, about $1.50. All come in white and colors, every desired size.
The New Kelvinator
Brings a new meaning of "Quiet"

1. SILENT POWER: Simple, vibrationless, quiet, even when starting and stopping. You need never give a thought to it.


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4. ROOMINESS: Kelvinators are remarkably roomy. They have been planned for your utmost convenience. Removable wire mesh shelves. Rounded corners for easy cleaning.

5. BEAUTY: The New Kelvinators are beautiful. Simple, yet distinctive, with a marvelous finish. Fitted with handsome, powerful hardware that will gleam cheerfully through the years.

6. UNUSUAL DESSERTS: Kelvinators are generously powered. They provide an ample supply of ice. And there is also plenty of room to prepare dainty desserts for every meal.

In truth, the New Kelvinator should be seen to be appreciated. Ask the nearest dealer to explain their many points of superiority. Let him tell you, too, of their remarkably reasonable prices. And of the generous terms on which they can be installed. You will be most pleasantly surprised. Let us send you our interesting, free booklet, "The Effect of Refrigeration Temperature on Food and Health." Simply send your name and address to the Kelvinator Corporation, Detroit, Mich., or to Kelvinator of Canada, Ltd., London, Ontario.

THE NEW
KELVINATOR
ELECTRIC REFRIGERATOR
BACK in the days of James the Second, an eye-witness described how the merry English saluted their King.

"His Majesty's health being drunk in a flinte glasse of a yard long," he wrote, "by the sheriff, commander, officers and chiefe gentlemen, they all dispers'd."

The prodigious vessel thus heartily quaffed arose from a new glass secret, the contribution of English craftsmen. With the forests in danger of depletion, the glassworkers of England had turned to pit-coal instead of wood as fuel for their furnaces. But the smoke and gases from the coal destroyed the beauty of the glass.

Then Thomas Percivall, with daring ingenuity, "closed the pots," by inventing a covered crucible that kept out the impurities of the coal. Soon came "flint glass," the most brilliant, the clearest glass yet produced, the basis of our finest tableware today. And behind it was a secret ... the presence of lead among the materials from which it was so cleverly fashioned.

Gently strike a Heisey goblet of glowing crystal and it will ring out with a mellow bell-like tone. That tone indicates quality ... the superb quality which Heisey creations have denoted through more than a generation. It signifies fine lead-blown glass, the aristocrat of table appointments.

The secrets of the ages speak to you in the brilliance and beauty of Heisey’s Glassware ... rich designs wrought for your delight through the magic of originality and artistry.

And the glorious colors ... how they enchant you! The rosy glow of sunset in Heisey’s Flamingo ... the sparkling green of meadows in Heisey’s Moon Gleam ... how exquisite on your table, how fascinating to guests!

Good stores have Heisey’s Glassware. You can tell the genuine by the mark of quality on every piece. You can get a few pieces at a time or complete table services ... to add vivid loveliness and glamor to hospitality.

You will be interested in seeing a copy of the handsomely illustrated booklet "Gifts of Glassware." It is yours for the asking.

A. H. HEISEY & COMPANY

303 Oakwood Ave. Newark, Ohio

GLASS SECRETS

"In a Glasse a Yard Long"

Glass perfected through the Secrets of Four Thousand Years
Let $1.00

show you the advantages of Tontine

An opportunity to test these WASHABLE WINDOW SHADES at a Special Introductory Price

Never again need dirty window shades bring drabness to your home. Here are washable window shades—du Pont Tontine window shades. An occasional washing with soap, hot water and a brush keeps them fresh and spotless.

Here’s a Shade That You Can Keep Permanently Fresh and Beautiful.

To see what Tontine shades are like, just clip the coupon below and mail it to us with $1.00. As a dollar is considerably below the regular retail price—this offer must necessarily be limited to one Tontine window shade for each home. You may have the shade for testing in any one of four of our many popular colors—white, cream, green, ecru. Place it on the bathroom window. Here the test is usually more severe than in any other room. Deliberately smear dirt on it. Then scrub it with a brush, soap and hot water. See how Tontine’s original beauty and freshness are immediately restored. You will find your window shade problem solved.

Made to Last

Tontine washable window shades are impregnated with pyroxylin, the same basic substance used in making the famous, durable du Pont Duco. This treatment keeps them from cracking, pinholing, fraying. They are made to withstand use and abuse. Sun will not fade them—rain cannot harm them. Season after season Tontine window shades will serve you and at the same time add attractiveness to your home.

Follow These Details

Measure width of shade you wish to replace with the Tontine test shade. Measure tip to tip, including metal pins at ends of roller (see diagram below). Measure also length of shade unrolled. Specify which color is wanted—White, Green, Ecrù or Green. Fill out coupon fully. Post one coupon only.

E. I. DU PONT DE NEMOURS & CO., Inc.
100 du Pont Avenue, Newburgh, N. Y.

Make this test of your window shades now. Rub your fingers lightly across the surface. Now look at your fingers. You never believed that shades could get so dirty.

Send In Your Coupon Now!

This special offer of a Tontine washable window shade at $1.00 cannot remain open indefinitely. It is good for a Tontine shade not exceeding 40 inches in width, and the offer closes July 1, 1929. Now is the time to take advantage of it—to see for yourself the many advantages of Tontine washable window shades. Mail the coupon today. You will receive your testing shade in a few days.

This Tontine shade at $1.00 is offered for introductory purposes only, and for this reason we can allow only one to a home. The regular retail price of Tontine washable window shades, depending on the length, width and accessories, is from $1.75 up.

Tontine shades can be washed clean—freed from every trace of dust and stain with soap, water and a brush.

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With double the horsepower of any other motor car, it equally outclasses all others in smoothness, ease of handling, road steadiness, riding quality, comfort, stamina, longevity and luxury.

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SO EASY

fo KEEP An indispensable reserve food supply among your emergency shelf goods.
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Send for Squab Sampler of two each of Dyer & Davis' products: (A) Whole Roast Squab in Jelly, (B) Plée de Linte, a delicious squash paste with a most appealing flavor, for custard, soups, and hors d'oeuvres. Sent express charge for $1.25, prepaid, $1.50.

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SPECIALISTS in diet at Battle Creek have met with remarkable success with anti-mucus foods. A wide variety is available that ensures youthfulness and regularity on which beauty and health depend. Lacto-Dextrin is particularly effective. This refreshing food promptly changes the intestinal flora by driving out the disease-producing germs. Thus it reaches the source of headaches, nervousness and ailments that wreck beauty and health. Used for years at the famous Battle Creek Sanitarium. You will find it at all Health Food Centers. Write for "Healthful Living", a 64 page illustrated booklet describing with recipes the Battle Creek Diet System. True Battle Creek Food Company, Dept. 154, Battle Creek, Michigan.

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HEALTH FOODS

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CRAB-APPLES

( IN GLASS)

A Sherry-approved preserve now available through this latest Sherry service... presented with a long list of other fruits-in-glass delicacies, many not common to the market.

75 cents per jar
$8.75 per dozen
Mail order filled
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TABLE DELICACIES SHOP

Madison Avenue and 62nd Street
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ARE YOU A GOOD HOSTESS?

So many hostesses are correct but unspiritual, so many amusing but inefficient. Because rats are so easy to get into and little changes in procedure are so often overlooked. Because the latest appliances are not always known and servants leave because their work has not been intelligently simplified. Because of all these things, there is not a new book that you simply mustn't fail to order.

FOR THE HOSTESS

It covers the whole subject—menus and service—table setting, with illustrations—the servant problem, smartly solved—the budget, charts and marketing equipment and the harder. A glittering little galaxy of recipes from well-known hostesses, experts, and chefs has been rigorously censored to contain none but those that are truly unusual, and practical as well.

FOR THE HOSTESS

72 pp. 25c postpaid
Order from THE CONDE NAST PUBLICATIONS, Greenwich, Conn.
IVERICAN CHEESE—from the famous Wisconsin cheese country!

Rolling meadows—clear, sparkling brooks—fat healthy kine—no wonder rural Wisconsin gives the world such wonderful cheese as Glendale!

By the distinctive Glendale method, rich creamy milk is made into genuine old-style American cheese with that delightful tang.

Ripe-flavored and delicious, you and your guests will agree this is the finest fromage for entrees, salads, hors d'oeuvres, and all cooked dishes. Not pasteurized or blended. Will not get stringy or lumpy. Special select grade. Foil-wrapped. 2/3 lb. package, $1.50 postpaid. Send money order or check for any number of packages. Specify whether you prefer the white or yellow cheese.

GLENDALE DAIRIES, Manitowoc, Wisconsin

Do you ever hesitate to drink coffee at night?

Try the coffee that lets you sleep

So many people deny themselves the pleasure of coffee in the evening—and dinner loses a lot of cheer.

How unnecessary! You can enjoy all the coffee you want, no matter how late the hour, if it's Kaffee Hag Coffee.

Kaffee Hag Coffee will not keep you awake. It is 97% free of the drug caffeine—the drug that affects nerves and prevents sleep.

And what a delightful flavor and aroma! Several of the world's finest coffees are blended to produce one of the most satisfying coffees you ever tasted. Mellow, full-strength, heartening. No one ever knows the tasteless caffeine is gone.

Try Kellogg's* Kaffee Hag Coffee. Let the family enjoy it, breakfast, lunch, or supper. . . . What could be more welcome to the coffee lover who has been putting up with substitutes?

Kaffee Hag Coffee comes in sealed cans. Steel cut or in the bean. Sold by dealers everywhere. Let us send you a generous can today. Mail the coupon.

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Please send me, postpaid, enough Kaffee Hag to make ten cups of good coffee. I enclose ten cents (stamps or coin).

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Kaffee Hag Coffee

The coffee that lets you sleep
that marvelous picture of the roofs of a sleeping city, as seen at midnight by Herr Teufelsdrockh from his philosophical watch-towers, in Sartor Resartus. Probably Carlyle had Edinburgh in mind with its narrow "whins" and strange tall houses, almost skyscrapers. Such a picture can only be seen in an old city, though America has already developed another kind of roof-scape, differently but stupendously impressive, of which more anon. Probably no old city has a more fascinating roof scenery than Paris, more variously picturesque to the eye, or more filled with human implications, shaped and mis-shaped and multi-colored by the combined idiosyncrasies of builders, time and weather. It rolls before one like a heaving sea of rust-brown tiles, clumps of queer chimneys of every shape and style, windows adorned and everywhere, quaint as country lawns (or in long rows of stiff formality, or small square holes barred with rusty iron), narrow winding streets like gullies through the wilderness of gray, seips, inky façades, moulderling courts like deep wells, sunny trees from hidden gardens, and monuments with their cupolas and crosses against the sky, domes with tarnished gilt, the monuments of unshrunk glory, palaces with massed roofs, stately halls of the old nobility, with their high walls and proud carved gateways, old prisons stern with circular towers, towers and spires of church, romanesque, gothic, renaissance, beautiful and grim, peopled with a multitude of untarnished glory, palaces and proud carved gateways, old hotels and where visitors will have a hard time in finding him. Old buildings are often thus superimposed upon by modern studios, in which one is surprised to find de luxe structures here and there popping up above the main roof of some other regular building. Like many lighthouses, or sometimes suggesting dovecotes or beehives, or connoisseur of solitude has built himself a lonely eyrie where he can do his work or merely dream in peace and quiet. However small, be it only a window-box. They must have a touch of greenery somewhere among their surroundings, and I am often struck on encountering my landlord, a rich man, with much important business, public and private, on his hands, climbing up my long stairs, tenderly carrying a potted fern or some other potted green thing to place in his little garden sur les toits. Of all the romantic uses to which a roof can be put the roof garden is surely the most satisfactory. Biblical scholars, I see in the newspapers, are once more agitated as to the site of the Garden of Eden, and Nebuchadnezzar said to have built over-night for his queen Amytis, who, weary of the flat plains of Babylon, longed for the wild pines of rocks and gorges of her native Assyria: The force queen wearied, and she smeared his hands: "Ah you my lord, the King," she spoke and sighed, "I sickened of these shallow lands." Nebuchadnezzar stood there by his side, Sappho, she turned upon him, eagle-eyed: "O King, how should Babylon we'er have been! I desire storms and storms!" Amytis, bride, There shall be hanging gardens for my queen." For Amytis, where each mountain stands, With pines, trees to the peak, and the great stride Of the north wind, voiced as a god's commands, Shakes forests into music far and wide, Iron and grannie song; and horsemen ride By foam of torrents, laughing, leaping, Queens. But I wish once and baking bricks must build..." There shall be hanging gardens for my queen." The hanging garden of Queen Amytis is said to have been forty acres, on terraces so one above another three hundred feet in height. For long it was said only the most wonderful of the World. Almost all good and wise things (Continued on page 186)
Distinctly modern and incomparably beautiful is the All Porcelain Senior Line of Cabinets by Seeger. Excelling in perfect preservation of food, compact convenience and lasting construction qualities, these Cabinets are presented in sizes to fill requirements from mansion to bungalow.

The Chromium plated hinges and locks are of a particularly modern design also, with a permanent finish that will endure polishing.

Each Cabinet is equipped with the Seeger Chiltray and may be had with the Seeger Vegetable Bin—both exclusive originations by Seeger.

The All Porcelain Senior Line of Cabinets by Seeger is built solely for use with Electric or Gas Refrigeration, being displayed and sold by your Local Refrigeration Dealer.

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Rookwood supremacy in the making and selling of pottery of rare distinction is maintained through adherence to a consistent ideal, - an ideal which not alone aims at perfection of ceramic expression, but also considers refinement and grace in the most inexpensive and humble production.


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WASHED BY CLEAN WATER

Snowy-white fabrics—fresh from the laundry tubs—spic and span. Never a rust mark to mar their beauty and freshness. What a day-after-day satisfaction it is to know that your water supply comes in through pipes that cannot rust!

Brass Water Pipes last a life-time. They are immune to rust; they never clog; they deliver the full flow of crystal-clear water always.

Alpha Brass Pipe is made from a special kind of Chase Brass which contains more copper. Plumbers prefer it because it cuts cleaner and sharper threads, making leak-proof joints.

Defeating that persistent enemy — RUST

Chase finds great satisfaction in making brass and copper products. For wherever brass or copper is used, a victory has been won over rust... something saved from the tremendous tax that rust exacts yearly...

You are familiar with Chase Alpha Brass Pipe, Chase Copper Roof Gutters and Downspouts, Chase Bronze and copper screen Cloths. In addition to these, Chase brass and copper is used in thousands of the every-day articles which surround you... from a copper shingle-nail to the massive grill work of your bank.
CASEMENTS by Crittall are as quaint as medieval leaded glass windows—and as modern as today's latest building construction features. While they impart to your home an antique charm and beauty they also provide wind and weather-tight comfort and a host of modern conveniences. Your request will bring interesting literature describing Crittall Casements.

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Manufactured Exclusively from Appalachian Oak

Ritter parquetry flooring in beautiful apartment building designed by Lee Callahan & Son, Architects and Builders, Los Angeles, California

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Ritter Appalachian Oak Floors are rich, beautiful, exclusive. They reflect refined distinction . . . subdued elegance! What a difference they will make in your new home!

This finer flooring, with its beautiful grain and velvet-like texture, is the product of stately, sturdy oaks, slowly and uniformly grown in the Appalachian Highlands.

Consult your architect in regard to Ritter Appalachian Oak Flooring. He will tell you how it will harmonize with the other fine appointments in your home.

W. M. RITTER LUMBER COMPANY
Largest Producers of Appalachian Hardwoods
GENERAL OFFICES: DEPT. H. G., COLUMBUS, OHIO
Fisher resources, Fisher volume, create far greater beauty, richness and

VALUE APPARENT AT A GLANCE

No other cars begin to measure up with Fisher Body cars in downright body value. The reason is, that no other body builder can begin to measure up with Fisher resources and Fisher volume. In every General Motors car from Chevrolet to Cadillac, this appraisable value is apparent at a glance. The more closely comparisons are drawn, the more does the Fisher Body car in any particular field gain by those comparisons. Upon Chevrolet, for instance—forgetting for a moment speed and power performance utterly unknown in its class—Fisher Body has conferred so much richness and beauty that all cars around or immediately above it are ruled out of consideration. This is true of every Fisher Body car. So true, in fact, that thousands now clearly recognize that, in every price field, the car which is unmistakably the better choice is always the car with Body by Fisher... There is only one way to know and to appreciate the almost sensational superiority of any Fisher Body car—and that is, to compare that car's body, point for point and feature for feature, with that of any car in its price field. Do this, and you will soon become a judge of real motor car value.

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FINE HOMES everywhere are glazed with Libbey-Owens flat-drawn clear sheet glass for windows. This pronounced preference, not only among leading architects, but among discriminating home-builders as well, is due to the recognized superiorities of Libbey-Owens glass—its true flatness; its uniform thickness, strength and quality; its exceptional clearness; and its brilliant sparkling lustre. The Libbey-Owens Sheet Glass Company, Toledo, Ohio.

It's L/O glass that makes the window

LIBBNEY-OwEnS
FLAT DRAWN CLEAR SHEET GLASS
Richness and Individuality are your first Impression when you open a door on the beauty of REAL TILES.

THE shimmer of wonderful color... blue of the Mediterranean... green of the evening sky in Spring... all the superb nature-colors, imprisoned in bits of gleaming surface—

You bring them within the walls of your home, make them a constant, delight-giving part of your surroundings, when you design your house with real tiles.

A hall, a dining-room, a living-room done in real tiles has a richness and individuality that you cannot achieve with any other material. Each tile is a beautiful bit of color in itself which can be combined with other tiles, other bits of color, in an infinite number of ways. By using real tiles, you can, like an artist working from a palette of many colors, express any color scheme, any design.

Think of the house you are building in terms of real tiles—and you will be astonished, delighted at the new possibilities of loveliness that open before you.

Gleaming floors, rich in color as an Oriental rug; delightful, unexpected details, full of interest and originality; a tiled wall fountain for the sunroom; a tiled buffet in the dining-room. Charming tiled window seats or recessed window sills in the living-room; tiled grilles for radiators.

Write for our free illustrated booklet, Enduring Beauty in your Home through Keramic Tiles! It will give you many useful hints regarding the use of real tiles in your home.

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TILE-SETTING is a true craft, requiring a high degree of skill and workmanship. In your community there is an experienced tiling contractor, who can show you the different types of Keramic Tiles, and see that your tile job is efficiently and skillfully handled. Associated Tile Manufacturers.
WHERE those who best know and appreciate fine motor cars foregather, as at The Beach and Tennis Club, Studebaker prestige runs deservedly high. Interpretive style, inspired by championship performance, has won for these splendid eights and sixes a renown for beauty quite as notable as the fame of their fleetness and trustworthiness. Today Studebaker holds every official stock car speed and endurance record. These smart new cars provide riding ease unmatched. They offer in color and in contour the youthful, forward styling that only true genius in design could achieve. And Studebaker's unique One-Profit manufacture permits prices that never before bought so much. The car illustrated is The Commander Convertible Cabriolet for Four, available with six or eight cylinders.
They may be seen with your landscape architect at our branches, 125 FIFTH AVE., NEW YORK or 620 NO. MICHIGAN AVENUE, CHICAGO. Ask your dealer to show you these numbers or send us his name and we will quote prices direct. 348 CONGRESS STREET, BOSTON

The garden supplies a relaxation or a thrill for two thirds of the year. These pieces from Italy are the creations of a people who worship the soil. Such wares can be made to give our sun rooms or flower beds much of the old world charm.

SMYSER ROYER lamps, lanterns and brackets are based on designs created by many of the country's foremost architects. These fixtures serve in beauty as well as utility. They bring your home into existence as a jeweled picture in the black night.

Through the day, too, Smyser-Royer fixtures convey taste and finish for the home by their handsome, authentic designs.

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These blinds, which give draftless ventilation and permit a perfect control of light, reflect the charm of good taste and refinement found in the better homes.

We shall be pleased to send you a catalogue.

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Give Draftless Ventilation

280 Pine Street, Burlington, Vermont
The Kitchen Everyone Admires

What a delight to work in—what a pleasure to show one's friends—a compact, modern kitchen of spotless beauty and enduring serviceability—equipped with White House Units, made entirely of steel.

In keeping with the present-day trend toward smaller, better-arranged kitchens and pantries, White House Standard Units are made to occupy minimum floor space yet provide extra storage area. Any space may be filled simply by combining standard units. Write for green booklet.

For larger kitchens WHITE HOUSE special installations are available. They include electric plate warmers, silver and linen drawers, tray and plate racks, cup hooks and Monel Metal pantry sinks. Furnished in white or color. Send in your plans for estimate. Write for gray catalog.

The Kitchen Everyone Admires

Residence of J. Clement Boyd, Upper Montclair, N. J., showing corner of kitchen efficiently equipped with White House Standard Units.

CANADIAN HOOKED RUGS

(Continued from page 182)

sprays with birds and yet more flowers, all in rich, soft colors that bring delight to the heart of the connoisseur. Very often geometric or repeating borders are used, but the main design is nearly always floral.

There are four main sources from which the designers of these rugs could draw inspiration. While it is not always possible to assign any given design to some definite one of these, yet the recognition of their existence helps in the elucidation of many of the problems which arise.

First are what may be called "folk designs". These have been present as part of the craft-knowledge of the people since time immemorial and it is futile to attempt to pin them down to any date or place of origin. Many are almost world-wide in distribution. Such are the diamond, the S-curve, and the trefoil.

Secondly, we have what we may designate as "read designs". By this, I mean patterns which were copied from pieces of merchandise imported from France in the early days of the colony, and from many other parts of the world in later years.

A third source, perhaps a less important one, is the series of architectural ornaments which is so frequently used in churches and even in the construction of ordinary houses. Such are the heart, the cross, the weather-vane cock and the border of oval shapes.

A fourth and most important source was the school of art founded at Cap Tourmente, New France, in 1669 by Monsieur de Laval. The Renaissance was in full swing in France and it was from here that he secured artists and craftsmen to act as teachers in the new school. Last winter (1927-28) saw the death of Monsieur Johin, a wood carver, who traced his line of artistic descent directly back through the traditions of this school. For an unbroken period of two hundred and fifty years their influence has been exerted and there is hardly any branch of craftsmanship which has escaped it.

It is noteworthy that the Indians of the surrounding districts also adopted some of the designs which are to be found in the rugs and they appear again and again in etchings on birch-bark, in beadwork, moose-hair embroidery and in the more recent embroidery in silk on buckskin. This is largely accounted for when we remember that since 1630 the Huns have been engaged in teaching handicrafts to the Indian girls.

HOW TO SELECT WALL PAPERS

(Continued from page 162)

rooms toilets and more striking patterns are allowable, as this room is not used continually.

COCKTAILS OF DECORATION

The neglected room, Attic bedrooms, small studies, lavatories, linen closets, dressing rooms, powder rooms, foyers, private bars, bathrooms and cupboards of all kinds can be made delightfully gay with wall paper. In these often-neglected rooms any form of bizarre design is permissible. Here you may express yourself to the uttermost and indulge any craving you may have for design and color. When a bedroom has plain walls, paper the closets or cupboards with some striking design; if the walls are papered, the closets can still be made gay with a due of star design, or a small figured one that harmonizes with the paper of the room. These odd rooms are the cocktails of decoration. Here should be the shock of the unexpected.

PICTURES

Pictures are not essential to a room having a wall paper of good design. Pictures may be used with wall paper, however, provided the design of the paper is small, unobtrusive and gives a regular, all-over effect such as polka dots, lattice and lozenges.

ON ROOFS, GABLES AND GARRETS

(Continued from page 180)

have come to us from the East, ungratefully forgotten by the West though such obligations are, but she has brought us nothing better or wiser than the roof-garden. In America, with her genius for assimilating the best of all the world and not infrequently going one better, the soaring altitudes of her splendid towers of Babel have literally raised it to a perfection which it could not have on lower levels. For the higher you lift your hanging garden, the nearer to the sun and to the moon, not merely its marvel nor its surprise for the imagination increases, but the greater becomes its peculiar charm of seclusion, of enchanted isolation. It is not possible to imagine tranquillity more deep, or greenness more green and still, than in some of the sky-gardens of America where the loneliness of earth and the loneliness of the sky are brought so close together. If you would find peace, go sit in the roof-garden of a certain hotel in Seattle, with the snows of Mount Rainier in the distance and gleaming woods and waters far away as in a dream beneath your feet.

Only the river flows, and the spring bee sings, and in the glade

Hath Solitude her mystic garden made.

Europides, of course, did not write that in a roof-garden, but there are roof-gardens in America where he might well have written it. Yes! and "I know a little, garden", on the top of a New York skyscraper.

Set thick with Ivy and red rose,
Where I would wander, if I might,
From derry daze to derry night,
And have one with me wandering.

Evidently there are no places in which to see visions and dream dreams like roofs and garrets!
Yesterday  
These Floors  
Looked Old, Dull and Worn

Tonight, they gleam with a soft, subdued lustre, reflecting mysterious lights and shadows in a way that is not possible with any finish, other than Old English Wax. A small can of this magic polish gives quick, sure and lasting beauty to any floor—whether it has been waxed, varnished, shellaced or painted.

Saves Frequent Cleaning
Old English Wax not only gives floors a lovely polish but it also removes dirt. Besides your floors are protected by a durable coat of wax that protects them against scratches, heelmarks, and wear. Because of its hard, smooth finish, Old English Wax does not collect dust and dirt so quickly.

Old English Wax costs less than ordinary floor waxes because you need not use so much—a little goes a long way, and the polish lasts longer.

Floors waxed with Old English Wax make an impressive setting for your rugs and furnishings. With so little product you can add so much in appearance to your home. Stop today at your hardware, paint, grocery, drug, household furnishing or dept. store and get a can of genuine Old English Wax. Made in U. S. A. by The A. S. Boyle Co., 1934 Dana Ave., Cin’ti, O.

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$5.10 Waxing Outfit for $3.90
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Their heating contractor, when consulted, said, "ROBRAS 20-20 Radiators, of course. They'll be in-the-wall, out-of-sight, and out-of-the-way. And not only that but they don't soil the walls and because they're brass they heat more quickly on a cold morning."

To have the radiator recessed in the wall wasn't practical in one of the bathrooms. Here they used a ROBRAS 20-20 Bath Unit. These units come in several sizes complete with lacquered metal cabinets.

Send the coupon below and see how much more livable ROBRAS 20-20's can make all of your rooms.
The Waterways Invite You

Go at will, everywhere on water. Relaxed in deep, luxuriously upholstered cushions; back of a wheel that gives you complete, effortless control; flying along with the speed of the wind—that's Chris-Craft travel.

The feel of it will grip you beyond belief—you just don't realize how quickly you can step into a Chris-Craft and be whisked away on this magic carpet of the water. You arrive at your destination rested, yet invigorated, free from travel fatigue, full of the joy of living.

From waterside home to business is just a step—the miles pass so quickly that distance melts away. Distant homes, clubs, come right into your neighborhood with Chris-Craft at your call. Always you appreciate the restfulness and privacy of the enclosed Chris-Craft. Keep your promise to yourself that sometime you will get more joy from the great outdoors. Do it now by choosing your Chris-Craft.

These fine craft handle like a fine motor car. Steering, starting and lighting equipment are the same. They maneuver like a canoe, yet are seaworthy as a fishing boat. All gleaming mahogany, with superb cabinetwork. Select your Chris-Craft now to insure on-time delivery. Chris-Craft merchants will be found in principal centers throughout the world. Deferred payments if desired. Completely illustrated catalog, describing eighteen models, is free on request.

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18 MODELS
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22 to 35 feet 30 to 45 Miles an Hour
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Another Cordova patio is surrounded by simple arches in whitewashed stucco. Pots and plants are arranged around the small water reservoir. Note the brick-faced channel which leads water to the tree
There's a Vast Difference in Tiles

True tile artistry is achieved by the use of faience tile which, unlike ordinary tile, has delicate gradations and variations of color that heighten its charm.

KRAFTILE is the unique high fired faience tile that combines rare beauty of tone and texture with remarkable strength and endurance.

It is made by an exclusive monolithic process. Its enamel is not a veneer, but is fused inseparably with the tile body. Kraftile is proof against cracking, crazing, fading, heat, cold and wear.

In a vast choice of plain colors and exquisite decorative designs. For the walls and floors of bathrooms, sunrooms, lobbies, kitchens; for rug borders, stair risers, arches, pools, plunge and patios.

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INDIVIDUAL CATL

finish, stain or decorative motif to pieces shown in the Leavens Catalogue. Tell us what painted or decorated just the way you want it. allows you in the expression of your personal taste. make you up any single piece of furniture or an entire suite exactly according to your own specifications. Please send your illustrated catalogue and price list of Finished-to-Order Furniture.

X you the privilege of having fine furniture stained, XejCjaratinjiinjci

Plain linens and stripes will be previous seasons and colors more defined. Plain linens and stripes will be featured in combination with figured materials, and there is a new heavy linen with a rough, fluffy weave that is excellent for porches and country houses. It has an interesting antique look and comes in a wide range of stripes as well as in plain colors. Modern designs in fabrics are growing more restrained. Floral motifs and shaded stripes have superseded geometric patterns. The colors are generally clear and crisp. Soft, pastel tones are selected for the home as against the more vivid colors used in hotels, clubs, etc. Rayon is used in modern textiles, alone or in combination with wool, silk, cotton or linen. Another fabric useful for its durability and interesting modern designs is a processed waterproofed material somewhat resembling leather. This is a practical upholstery material, particularly in such interiors as sun rooms, porches, nurseries and kitchens.

Glass curtains at this time of year are of sunfast colored organza, plain voile, printed voile, embroidered voile, chiffon or net, these fabrics having a more summery look than silk gauze. The printed voiles from Germany are unusually effective particularly when only one set of hangings is desired. Lightweight figured silks are also being featured for glass curtains. Figured nets in modernist designs are the newest note in this type of glass curtains, the delicate, feathery patterns being both novel and well designed. Modern designs, primarily from Germany, dominate wall papers at present. These are more usually floral than geometric, are delicate in outline and delightful in color, the soft pastel shades predominating. Shaded stripes running horizontally are also featured in such beguiling color combinations as lemon yellow shading to chartreuse green, sky blue to a deep violet shade and shell pink to salmon. Lattice, plaid, check and block designs are also prominent, the newest being the plaid pattern. Many designs show a tendency to run around the room although for lowceilings interiors there are numerous modern papers in delicate flower designs that soar upward, suggesting height. Peach and soft pinkish beige are favored colors for backgrounds, with lavender and green close seconds. Chartreuse green is much in demand as are also pale blue and lemon yellow.

Modernism is again the leading note in rug design, there being a steadily growing interest in floor coverings in the contemporary manner. A year ago geometrical patterns in bright colors were outstanding, today although extreme designs are sometimes used in bathrooms and sun rooms, the more restrained floral and shaded stripes in soft colors are preferred. Tans, beige and browns, greens and the mauve tones are popular. Particularly good is a new design with a leaf pattern worked out in various shades of one color in cut and uncut yarn. Conservativemodern designs of this type and stripes and blocks in blends of one color are quite appropriate with period furnishings.

Next in importance, owing to the wide interest in Colonial decoration, are early American hooked rugs. If antique ones are beyond your reach, there are reproductions of this type of design in both rugs and carpets to create the desired effect. For other period decoration—the robust Jacobean room, the delicate 18th Century room that needs design and prefers to have it on the floor, the Renaissance interior with eagles and shells, the more restrained floral patterns is more appropriate than a fine Oriental or an authentic reproduction, and this type of rug will always be in demand. In plain carpet, the trend is away from the neutral tones to the copper, henna, peach, gold, blue-green and eggplant colors. For bedrooms, bath rooms and nurseries there are new washable rugs of rayon and cotton that are guaranteed for both color and serviceability. These are in modern designs and colors. And if you buy a modernist linoleum, there is an interesting design of shaded blocks that comes in green, rose, blue, tan or brown and a novel pattern of squares radiating out from a central block in shades of blue, green or mauve.

THE CARE OF FINE WOODWORK

also a satisfactory means of cleaning waxed woodwork, though it should not be used too generously or near an open fire. Wiping down an oiled or waxed finish with a damp cloth is always to be avoided as it usually leaves a cloudy effect.

"Cleaning the paint" is a time-honored institution, but the advent of the modern enamels and lacquers, which respond so readily to simple treatment with mild soap and warm water, have greatly facilitated this part of house-cleaning routine. If the woodwork is very greasy, a few drops of ammonia in the washing water will still further speed up the process. The painted surface must always be wiped thoroughly dry with soft clean cloths. A light application of flavored or furniture oil, evenly distributed on a clean duster, will freshen the "skin" of non-enamed paints and prevent this fine cracked effect which excessive heat will sometimes cause.

Today the ease of care is almost as important as the esthetic appeal of the woodwork in the home.
April, 1929

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New motoring joys! Your first ride is a thrill. Here, in the new air-cooled Franklin, is a completely different and finer type of travel. Power—and to spare. Quick second gear getaway—quiet as high, even at 55 miles an hour. Effortless control—with soaring smoothness and cushion-like riding comfort. As you drive, you sense the feel of driving an airplane. You delight in having the car do things you never thought possible before. You marvel at its snap-quick acceleration—its supreme road-ability—its eager speed.

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Enclosed find $1 for portion of large-size photographs of new Creo-Dipt homes by leading architects, old homes rehoused, booklet of color suggestions, and name of local Creo-Dipt Dealer, who will recommend a reliable carpenter-contractor. (Outside U.S. or Canada, please send 60c in money order or international stamps.)

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**A New Style in Interior Decoration**

It really isn't a new style at all... this renewed use of decorative wood moldings for cornices, wall panels, chair rails, door heads, etc. Rather it is a restoration of a lovely fashion which became impractical, except in the wealthiest homes, as the cost of hand carving became prohibitive.

But with the development of Driwood Period Moldings in Ornamented Wood, the use of decorative wood moldings is restored for the small cottage, the large home, apartments, etc.

Everywhere architects are showing a renewed interest in this restored style. Interior decorators, too, quick to sense opportunities for distinctive interior effects, have been quick to adopt it. And the home owner has welcomed this fashion for its rich beauty, its intrinsic charm, its refreshing distinction.

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THE ANNUAL FATALITY FROM FIRE IN THE HOME

The annual fire rate in America is over $500,000,000, with a loss of approximately 15,000 lives. A comparison of the fire rate of the Old World with that of the United States indicates a far higher percentage of losses in this country, which can be attributed to the carelessness of the American people. The National Board of Fire Underwriters in analyzing the origin of the fire losses during the year 1926, indicate that over 50% of the fire occurred from preventable causes. Of this amount approximately one-half occurred through strictly preventable causes, whereas the balance occurred through partially preventable causes. Some action must be taken by the insurance purchasing public to reduce these preventable losses. This will be followed by an improvement in construction and maintenance that will go far toward eliminating the partially preventable losses.

PREVENTABLE FIRES

Twenty-five percent of the total of preventable fires are caused by matches and by smokers' negligence. This fire origin needs no explanation — as long as people continue their careless habits, this waste will continue. Electric hand torches and the installation of automatic lighters for gas stoves, for smokers and in fireplaces can quite easily eliminate the smoldering match hazard. Twenty-two percent of preventable fires are caused by improper maintenance of friendly fires (coal, gas and kerzen oil ranges and heating equipment). A large percentage are traceable to hot ashes dropped from the stoves, either through failure to clean, resulting in overcrowding the equipment, carelessness in removing the ashes by permitting smoldering embers to drop on wood and other inflammable property, or improper storage of ashes, as in wooden containers. If a range cannot be set on a non-inflammable floor or stone slab, it should be placed on asbestos or metal-covered flooring which extends at least two feet beyond the stove on all sides. This protection will reduce risk from hot ashes and will aid in the reduction of the number of fires started by hot grease, tar and wax. The cleaning of ranges or stoves immediately after use will eliminate half of these fires. Ranges used to a large extent for frying should be equipped with a type of hood that will guide grease blazes up the flue. These hoods must be kept clean, as an accumulation of grease causes such an intense fire that flames will remain in the room a sufficient length of time to ignite surrounding property. The use of electric stoves and the introduction of oil burners are conveniences through the use of which the public can reduce the fire hazard, but even those without proper maintenance cannot entirely eliminate the danger of fires.

Twenty percent of preventable fires come from defective chimneys and flues. A property owner can hardly excuse himself for a fire emanating from this cause, destroying his property. Assuming that the hearth, joists and other framework of the structure are not permitted to protrude into the chimney and that the chimney walls have no apertures, the maintenance of a clean chimney and flue are all that is necessary to eliminate this danger. Some fires come from the laying of too large a floor in fireplaces; but the fire loss from this cause is small in comparison to that gained headway because of unclean chimneys. Fire-screen should be set before all open fires. Andirons of sufficient height will prevent logs from rolling out of the fireplace. The fireplace should be so designed that if logs do roll they will be held on the brick or stones of the hearth.

Ten percent of all our preventable fires grow out of the presence and use of petroleum, benzine and other inflammable liquids. If insurance was unobtainable this hazard would probably eliminate itself, as home owners would not permit inflammable liquids to be brought into their homes — they would probably use the patented non-inflammable fluids to serve their purposes.

Ten percent of preventable fires are started from adjoining properties — sparks from chimneys and spreading grass fires. In the event of a fire in the vicinity of your home, close all the windows and the blinds as well. If a hose is available the roofs of frame buildings should be wet down and kept moist until the fire is under control. Grass should be kept closely cropped for a distance of 100 feet about all frame buildings. Paper or cloth shades should not be draped over electric bulbs. Shades should be supported by metal frames which will keep the shade material from direct contact with the electric bulb.

One and one-half percent of the preventable losses are attributable to accumulations of rubbish and litter. This is particularly prevalent in suburban communities which lack service for the removal of rubbish, and an accumulation of paper, excellent and shipping containers is collected in cellars, attics and garages, awaiting the time and convenience of the owner to dispose of it. A regular habit of burning paper once a week will help to eliminate this hazard. A bin or box which will hold only a week's accumulation best serves for storage pending the weekly fire. Oily rags should not be placed in this storage compartment as this would

(Continued on page 196)
A modern toilet...an up-to-date bathroom with the latest conveniences ... safe sewage disposal that protects your health. These are the things which will modernize your country or suburban home and bring you new living comforts. They are all made possible when you install the new improved San-Equip Siphon System

This San-Equip system represents the latest improvement in septic design and construction. The septic process and siphon discharge are combined in a single compact unit—perfect operation is assured. Intermittent drainage of the effluent to the filter bed allows intervals of rest which improve the condition of the absorption field and reduce the liability of overloading or clogging. Complete details, prices, and plan sheets gladly sent on request. Write today.

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The cost is very little higher than ordinary nickel fixtures.

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DRIZZLY rains, blustery winds and zero weather cause absolutely no washday inconvenience to the owner of a LAMNECK LAUNDRY DRYER. The clothes are always washed, dried and ironed on the same day each week. They are always spotlessly clean, fresh and sweet-smelling. Best of all, they receive that personal, individual attention that only home-washed clothes can have.

Fine linens, dainty underthings and baby’s tiny garments —every single piece is gently washed, carefully rinsed and wrung, then dried and sterilized in THE LAMNECK LAUNDRY DRYER

The clothes are protected from dust and soot, from whipping winds, clothes pin tears, sagging lines and frozen fibers. There is absolutely no chance of the clothes becoming scorched or discolored because a thermostat controls the drying temperature and there is a constant circulation of clean, fresh, warm air.

Your local gas company will be glad to show you the Lamneck. Or, if you prefer, write us direct for complete information.

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No longer need you defer to time, weather or income for the exercise so necessary to your physical well-being. A few minutes a day with the Savage Health Motor exercises the tissues, muscles, and vital organs just as surely as does hiking, golfing, or other sports,—and with none of the after-effects, and no disturbance of your business or social calendar.

"Savage" offers you your choice of an entire line of exercisers and reducers—the new popular priced Model-B ($83.50)* with its variable massage stroke, wide and narrow oscillator belts, Savage adjustable anchor-strap, beautiful radio-speaker cabinet, and art crackle finish, together with the original famous Model-A with elastic variable massage belt and handsome carrying case ($122.50)*. Also at slight additional cost, Pedestals, Pedestal-platforms, and Tables, for permanent or temporary installation of all models in home, office or institution.

Familiarize yourself now with the benefits of mechanical vibratory massage for exercising and reducing,—get the big, free booklet—"The Spirit of Health".

New $8350 Model B

SAVAGE HEALTH MOTOR

Exerciser and Reducer

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It is interesting to keep and looking fit. Send me your story,
"The Spirit of Health."

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Street: ____________________________
City: ____________________________ State: ____________

INSURANCE for the HOME OWNER

(Continued from page 194)

create danger from spontaneous combustion. A thorough cleaning under­neath all frame porches or steps should be made at least monthly. This is a place where leaves and small refuse collect and are not readily noticed. It is preferable to keep such spaces open, or when the construction will not permit, then to have openings that will allow sufficient access for the proper cleaning.

Where shrubs and bushes are placed close to the house, particular care should be exercised in the spring and fall to remove the accumulation of leaves and small refuse which collects in these spaces.

The balance of approximately 6% of the preventable fire losses can be grouped under the headings of fireworks, exposed hot pipes and the use of gas stoves and other furnaces or vapor hazards. All heating pipes and flies passing through wooden partitions should be installed in such a manner as to permit an air space between the woodwork and the pipe, which should be wrapped with asbestos. Fireworks should not be permitted to be stored in the house under any conditions. Escaping gas causes considerable loss in the course of each year which can only be attributed to the neglect and carelessness of servants or householders.

CONSTRUCTION

The partially preventable fires have to do with the construction of a residence. Those contemplating building or considering the purchase of a house should give particular attention to the heating and electrical equipment.

If an oil heating equipment is installed, it should be installed under standards adopted by recognized fire authorities, who have investigated, standardized and approved the systems which have been found to be less hazardous.

Insurance, including loss occasioned by lightning, should be carried for an amount equal to 80% of the cost to construct the building today, less the amount of depreciation, if it be a stone or fireproof building. Frame buildings should be insured for 100% replacement value, less the aforementioned depreciation, for in many instances the damage to frame suburban property will be total.

It is optional whether an owner desires to include the cost of excavations and foundations below the level of the basement or grade floor in the insurance carried. With stone or fireproof dwellings it is not considered desirable, but with frame buildings many owners include insurance on excavations as well, the theory being that the fire will cause such damage to the foundations as to necessitate entirely new ones.

Fire insurance, including loss occasioned by lighting, covering the contents of the dwelling, which consists of all movable furnishings, including the household’s wearing apparel, silverware, paintings and all other property (except that which is specifically insured) should be carried up to 80% of the replacement value of the property insured. If today’s re-
SHADES
by
DE SHERBININ

It is but natural that discriminating persons should regard shades by de Sherbinin as the embodiment of perfection in parchment. Rich in their simplicity, conservative in their smartness, they are styled for all types of interiors, and may be used with practically every type of lamp base.

By their Hall-Mark you will know them... it is the only recognized symbol of lampshade quality and distinction. Look for it upon the frames of the shades which you find in the smartest shops.

SCHOOLS NEAR HOME

where son or daughter

can spend occasional
week-ends with the family

Do you dread sending your child away to school? Half across the continent? For months at a stretch? Does it seem unwise for the child and unbearable for yourself? Console yourself with the thought that the better schools maintain a standard of training and supervision unsurpassed even in the home. Any school introduced to you in the school directory is a safe and happy environment for your boy or girl. Write to those that seem best suited to your needs.

If you still hesitate, consult House & Garden, by letter or in person. This bureau is maintained for your benefit. Perhaps we can find the one ideal school that answers every detail of your specifications no matter what they are.

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French Line

Information from any authorized French Line Agent or write direct to 19 State Street, New York City

Screening Casement Windows

Guy S. Hamilton

With the arrival of summer and the usual swarms of flies and mosquitoes proper methods of screening steel casement windows is a subject that comes to the fore. Homes with steel casement windows must be screened, but the application of screens to the outswingng casement is disconcerting to the average homeowner, due to his lack of familiarity with inside screening. Steel casement windows, it must be remembered, are screened on the inside so that the ventilator leaves of the window may swing outward without any hindrance.

Four methods of screening are possible when steel casement windows are used in a house. The screens may be sliding, side-hinged, rolling or fixed. Each of these methods has distinct advantages and it is for the homeowner to discover which type is best suited to his windows. Conditions differ to a large degree. The following information will enable the owner to get a clear idea of the various types of screens and how they work.

The sliding screen, as its name implies, slides to and fro on the sill. Two screens cover each opening, one sliding parallel to and beside the other. A grooved metal track, placed on the sill, supports the screens and directs their course. At the head of the opening a channel holds each screen in place. At the jambs are fastened light line guides, which are continuous fins screwed or fastened to the walls to prevent apertures at these points. Besides this arrangement a felt section may be used at the jamb of the screen to contact against a rough plaster wall.

Sliding Screens

Care should be taken to see that the screen is located a sufficient distance inside the casement windows in order to clear the handles of the casements. Usually about 3 inches is necessary for clearance. Sliding screens are often used in windows where the width of the opening is sufficient to allow the screens to slide conveniently. When openings are small, sliding screens are not usually found to be so satisfactory.

The side-hinged screen is another well-known type. Here the hinges are pivots, located near the outside edge or jamb of the screen, the pivot slipping into holes drilled into the inside sill of the opening and into the head of the opening. When side-hinged screens are used, the window curtains are arranged so that they can be moved entirely to one side when the screen is opened, as the screen swings into the room. The lower pivot is usually equipped with a trigger by which it can be instantly slipped out of its keeper at a slight touch. The upper pivot is fixed.

Roller screens work up and down in the manner of window shades. In the head of the opening above the casement window is the screen box into which the screen slides when it is raised. Once installed the box is never removed. At the jambs are located guides that hold the edges of the screen in position. In winter this screen is rolled up into the box out of sight where it remains until placed into service again. This feature is worthy of note as it entirely does away with the labor of taking screens down and storing them.

Fixed screens may be used in windows where under-sill operators have been installed for the opening and closing of the casements. Rabbits are usually located at head, jambs and sill against which the screen rests.

For Casements

The standard stay-har or sliding adjuster is used on casement windows where either of the first three types of screens are installed, as the screen can be quickly opened for the casement to be adjusted. A special type of adjustor or operator must be used when fixed screens are employed, as otherwise it is impossible to open or close the casement unless the screen is removed. There are three well-known types of these adjusted-box gear type by which the end of a crank is inserted through a small hole in the sill frame when the window is to be opened or shut, the pivoted type, set in the frame of the screen and operated by a side-swinging lever; and the under-screen flush type where the operator mechanism is set flush in the window sill itself and when necessary is operated by a lever.

Sixteen mesh copper-bronze screen is usually found best. Fabric of this nature does not rust and lasts indefinitely while the mesh is close enough to prevent the entrance of insects, yet not so fine as to collect dust particles. Frames may be either of wood or steel as the owner desires, but metal is recommended due to its long life and indestructible nature.

The screening of steel casement windows should not be an afterthought. Specify and purchase the screens when the residence is being planned and built. By so doing you are assured screens that will be properly installed and in keeping with the rest of the dwelling.
Decorate with Artistic Lighting Equipment

This Sconce will add a picturesque note to any of the important rooms. Usually finished in Old Brass or in color.

HORN & BRANNEN MFG. CO.
Designers Manufacturers Importers
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Our product sold by all first class dealers

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A Fine Radiator Cabinet at a Really Moderate Cost

Radkover is one of the finest radiator cabinets built. It is attractively designed, sturdily constructed of furniture steel, equipped with a humidifier and built to diffuse heat. Yet the cost of this cabinet is really moderate. And the reason—all Radkovers are built of standard sections produced on a volume scale, thus reducing production cost and the cost to you to a minimum.

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Williamsport, Penna.
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THE LUNCHEON SET ILLUSTRATED IS OF POINT DE VENISE LACE AND BEAUVIERS EMBROIDERY ON THE FINEST OF HANDKERCHIEF LINEN OF A BEAUTIFUL SHADE OF CREAM. THE SET CONSISTS OF TWO 3-YARD STRIPS, A CENTERPIECE 27 INCHES LONG, TEN SIDE PIECES MEASURING 12 BY 18 INCHES AND TWELVE NAPKINS, 15 INCHES SQUARE.

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Ideal for home use is the Universal Home Model with pedestal, a compact enclosed Health Builder. The Athletic Model is very popular for home gymnasiums, clubs, colleges, health centers, institutions, steamships, etc., while the handsome De Luxe Cabinet Models combine utility with distinctive beauty.

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Send for "Health and Beauty in Fifteen Minutes a Day"—a valuable Free Book, with complete series of home exercise treatments.

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Room AM 2314
Battle Creek, Mich.
Get the UTMOST out of your fuel

UTMOST what? After all, out of the welter of technicalities, claims and counter claims, there is but one thing that the Home Owner expects from his heating plant and that is, living comfort.

So when you are urged to get the utmost out of your fuel, that simply means to make each ton of coal or gallon of oil give up for your comfort its greatest heating power.

Your heating plant, no matter what its make, simply consists of a receptacle in which to burn fuel, some pipes and some radiators. Yet it is of utmost importance that these things which make up your heating plant receive the greatest assistance in their effort to provide you ample, comforting warmth in every room.

On that account, insulation should be regarded as an integral part of your heating plan. There is little question as to which insulation because Johns-Manville, oldest and largest manufacturer of asbestos insulations, has specially designed and made Improved Asbestocel for this purpose.

Asbestocel is pipe covering built to the proper thickness and made in 3 ft. lengths which can be cut and mitered for short places. It is constructed to imprison within itself a vast amount of non-circulating air. Because the air is imprisoned in cells it cannot circulate. Because it cannot circulate it cannot carry off heat that should be safeguarded on its way to the rooms of your home. Improved Asbestocel on your pipes will provide more warmth than you would otherwise receive, and do it at an emphatic saving in fuel.

You may want to know more about Improved Asbestocel. Why not mail the coupon below today?

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IMPROVED ASBESTOCEL PIPE INSULATION

JOHNS-MANVILLE CORPORATION
New York Chicago Cleveland San Francisco Toronto
Please send me further information about Improved Asbestocel Pipe Covering.

Name
Address

The Metropolitan Museum of Art recently illustrated the trend of contemporary American design in a series of completely furnished rooms. This nursery and bedroom was designed by Eugene Schoen.

ART COMES TO INDUSTRY

(Above) Especially interesting to the business executive is this office designed by Raymond M. Hood which features metal furniture and built-in wall cabinets.

(Left) Comfortable and intimate as well as smart is this study decorated in tans and browns which was designed by Ralph T. Walker for a country house.

A bath dressing room designed by Ely Jacques Kahn is luxurious from its smart fixtures, built-in lingerie closets and patterned linoleum floor to the concealed lights in the architecturally treated ceiling.
A discreetly MODERN note is added to the TRADITIONAL room.

"Hartford-Saxony" Rug 2245-3 is a modernistic interpretation of a leaf motif. How effectively it combines with traditional furniture and draperies will be seen above. The closeup illustration to the right can only suggest the beauty of its distinctive frieze weave.

'You may enjoy the striking simplicity of modernism without resorting to complete refurbishing. It is perfectly good taste to combine your traditional appointments with modernistic rugs or carpets... if they are properly chosen.

'New designs, developed by Bigelow-Hartford in the modern manner, are conservative...liveable...refreshing. They fit in charmingly with conventional furniture and draperies. And the quality is of the highest...materials of the finest...workmanship of the best...as you would expect from an institution with more than a century of experience in artistic designing and weaving.

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RUGS
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"Hartford-Saxony" rugs present, in addition to modernistic effects, an unusual variety of authentic Oriental patterns and European period designs. Made of only the choicest wools, expertly blended, these rugs wear for generations; yet they are moderately priced.

Good stores everywhere are now showing these modernistic motifs... and a diversity of other Bigelow-Hartford designs as well. If you are in doubt as to where you may see them, write, and we shall gladly give you the name of a nearby merchant... one who, if you so desire, can give you reliable advice on decoration.

Practical folders describing various types of rugs and carpets will be sent free on request. If you enclose $2.50, you will also receive Color and Design, Their Use in Home Decoration, a beautifully illustrated, interesting book. Bigelow-Hartford Carpet Company, 385 Madison Ave., New York.
WORLD'S GREATEST SEDAN VALUES!
GREATER BEAUTY + LARGER BODIES

With all their many improvements, the new Superior Whippet Four and Six Sedans are still notable for their startling low prices. They hold their place as the world's leading values in four-door enclosed cars.

Longer bodies, graceful lines, rich, distinctive colors, higher radiator and hood, sweeping one-piece full crown fenders and perfection of detail mark the new Superior Whippet as the style authority created by master designers.

As the mechanical triumph of leading engineers, the new Superior Whippet possesses the important advantages of silent timing chain, full force-feed lubrication, aluminum alloy invar-strut pistons, remarkable new "Finger-Tip Control"—and, in the Six, a seven-bearing crankshaft. Long service will prove Whippet's dependability and economy of operation.

"Finger-Tip Control"
—a single button, in center of steering wheel, starts the motor, operates lights and sounds horn.

WILLYS-OVERLAND INC., TOLEDO, OHIO

WHIPPET 4-SEDAN
$595
Four-cylinder Coach $335; Coupe $335; Roadster $385; Touring $475; Commercial Chassis $365.

WHIPPET 6-SEDAN
7-Bearing Crankshaft
$760
Six-cylinder Coach $695; Coupe $695; Coupe (with rumble seat) $725; Sport De Luxe Roadster $820 (including rumble seat and extras). All Willys-Overland prices f. o. b. Toledo, Ohio, and specifications subject to change without notice.

NEW SUPERIOR Whippet
FOURS and SIXES
April, 1929

Modern Homes are kept safe and clean

The Decent Way

A litter-filled basement or attic is a standing invitation for the fire department to visit your home. A garbage can on your back porch or in your yard spreads disease, doctors tell us. Get rid of garbage, refuse, rubbish, trash the decent way—burn it with gas.

INCINOR, the Home Incinerator, destroys it in a few moments quickly, safely, inexpensively. INCINOR is installed as easily as a gas range, in your basement. It is a protector of the family health, a guard against fire, and a modern convenience which fits in with your modern bath, mechanical refrigeration, automatic heat.

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CYLINDER locks, tumblers, unit locks, locksets—locks of bronze, brass, of steel. Locks for Colonial homes, locks for garage doors, locks for the Spanish type house. And locks for office buildings, schools, churches, hotels. All are Good Hardware-Corbin.

And all are alike in one thing. They fasten doors securely. Long years of experience in lock-making, plus New England standards of manufacture, assure you that Corbin locks will do what locks are meant to do, and do it well.

All the many items as well as locks that go to make up the hardware needs of a home, school, church or office buildings, are to be had in many authentic styles in Good Hardware-Corbin.

P. & F. CORBIN SINCE 1849
THE AMERICAN HARDWARE-CORBIN CO., SUCCESSORS
NEW YORK CHICAGO PHILADELPHIA

ARBOR DAY FACTS AND FANCIES

(Continued from page 155)

wind it starts to die. Scots Pine and English Oak as a rule grow freely for the first ten or twenty years, then stop suddenly and either die or linger. In this same part of America the European Beech, the Horsechestnut, the English Elm, the Norway Maple, the Sycamore Maple, the two European Limes, the Austrian Pine and the European Larch do well. On the other hand, the American Beech, the Sugar Maple, the American Elm, the American Linden, the Red Pine and the White, Red, and Black Spruce either refuse to grow or are worthless in the British Isles. The Hemlock flourishes there. The Red and Scarlet Oaks do splendidly; the White Oak refuses to grow. In Great Britain, Black Locust and White Pine, two eastern American trees, have in times past been planted by the million to the great loss and discomfiture of those who planted them.

If the very natural question of "why" be asked, no answer is forthcoming. Trees have idiosyncrasies of their own. They are living things and have their likes and dislikes which are none the less strong for being inarticulate. I cannot tell, no one can tell, why the trees behave in the manner stated. That is fact, you have but to travel and look around. But the why is something that man has not yet wrung from his friend, the tree. For more than fifty years the Arnold Arboretum has been raising and planting trees. It is almost the only place in this country where records regarding tree growth for more than fifty years can be found or where trees of this age can be seen and studied. Much disappointment has been met with, but the experience of the Arboretum can help answer enthusiasts in this part of America.

SENTIMENT AND REASON

Sentiment has quite a strong hold on the human race. It is, indeed, a very laudable attribute if kept in proper proportion. We all have a certain sentimental regard—love or affection, call it what you will—for the lands from which our ancestors came. Some moments, especially some living remains of that land, gives pleasure and this sentimental interest has had much to do with the introducing and planting in this country of European trees, shrubs and herbs. Certainly nothing at all can be said against such work unless it be carried beyond the bounds of reason and at the expense of the native flora.

At the conclusion of the World War the planting of memorial trees, either as individuals, as groves or as avenues, was largely enterprised upon. I was many times called upon to give advice as to the best sort of tree to be planted, but it was on very rare occasions that my advice was acted upon. Not because the inquirers took exception to it, but because they could not obtain the trees suggested and, therefore, the urge to plant was strong, willingly took substitute trees. As showing how far in the wrong direction sentiment can drive man's effort, what I saw at Perth in Western Australia will illustrate. In memory of the men sacrificed in the World War it was decided to plant an avenue of trees and the tree chosen upon was the English Oak. No greater difference in climate and soil could be found than in that of the district of Perth and the parts of Europe where this particular Oak flourishes. Western Australia has its own distinct native flora, including the wonderful red-flowered Eucalyptus which is the glory of many a forestry, park and garden in California. But at Perth as elsewhere the native tree was despised. Sentiment lauded the exotic. Of course, nothing but utter failure can overtake the scheme. Perth will not have a memorial avenue until it decides to plant something other than English Oak. I have seen memorial trees planted in many lands, but only here and there have I seen this most worthy cause regulated by common sense.

Very few American trees, and for that matter very few trees of any country, flourish under city conditions. In the eastern part of America two of the finest trees in all the world, two of the commonest and two of the most planted, are the American Elm and the Sugar Maple. For the highways and for setting out in non-manufacturing towns of this region they are unsurpassable, but for growing in cities with their underdrainage and impure atmosphere these trees are worthless.

FUTURE EFFORT

Not long ago a great tree lover died, a man who did much honor to this country and one profoundly respected in this community. To his memory the Governor of the State dedicated and planted a memorial tree. The site chosen was in the heart of a city and the tree was a native White Spruce, lover of pure air and of cool forest soils. I was invited to the ceremony but was tongue-tied. It was a beautiful tree and the Governor did his part well, but wasted effort will be the sole result. The White Spruce from the moment it was planted in the earth was doomed to a lingering death by suffocation and slow poison. In this case, if an effort was desired, a Japanese Yew should have been planted, since this best withstands city conditions in the climate where the tree planting ceremony took place. Did they want a deciduous tree, an English Elm, a European Beech or an Oriental Maidenhair-tree should have been planted, since these all are well suited to city conditions and could be looked upon as promising to thrive for a hundred years or more. It is a simple matter to choose the planting of the right kind of tree. It is by no means so easy to say just what that tree is since soil and climate vary so enormously in different parts of the country. What is good for New England is not suitable for the Middle West, or the South West, or California, and vice versa. For tree-planting experiments can demonstrate what trees can be grown, but in regions where native trees are met with in meadows, woods or

(Continued on page 226)
April, 1929

The Smart Touch—
Metal-Frame Screens
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DEVELOPING WEED PROOF LAWNS

ALBERT A. HANSEN

THOSE who have ever tried to destroy dandelions and other lawn weeds by hand with a knife or weed cutter well remember how in spite of the most back-breaking work the pests invaded the lawn again.

Hand methods against lawn weeds are useless and some time ago I discovered the reason. For four years I had carefully accomplished all the dandelions in a well-marked square of lawn and at the end of that period, by actual count, there were more dandelions than when the job was started. The roots of the yellow-flowered nuisance offered a key to the mystery. The root system of a dandelion plant is large and fleshy and in a number of close cutting below the crown merely resulted in causing divided growth that made two rosettes of leaves develop where but one had grown before! This explained why the pests increased under cutting since I was certain I had kept out all the young ones that started from seed.

DEVELOPMENT METHODS

In addition to hand weeding I have tried spraying with iron sulphate and other chemicals but to no avail. Chemicals were temporarily successful in holding the weeds at bay and even number of spraying them, but the spring invaders always returned to disfigure my greenward and rob the grass of badly needed food, sunlight and space. Evidence is that only successful solution of the vexing problem is to develop a turf in which weeds cannot grow and fortunately the means for doing this are now available in the form of a fertilizer that discourages weeds.

This almost magic fertilizer is sulphate of ammonia but it must be properly used otherwise the sulphate will burn the sod. In the first place it should never be applied alone. Sulphate of ammonia may be mixed with an equal quantity of any good complete fertilizer and the mixture distributed evenly at a rate not exceeding six pounds per thousand square feet during the spring and again in the fall by a complete fertilizer is needed, one containing nitrogen, phosphorus and potash, which are kept in stock, ready mixed, by all dealers in fertilizers. The mixture may be broadcasted by hand in two directions. Care should be taken to secure even distribution to avoid streaks and burning in spots, and to thoroughly water in with a sprinkler.

The value of sulphate of ammonia lies not only in the high nitrogen content, which greatly stimulates leaf growth, but also in the acid reaction in the soil which discourages most of the common lawn weeds without injuring the grass so long as the blue-grass is strengthened by the plant food added in the complete fertilizer. The value of the acid reaction, however, is lost by liming, so never lime the soil on which this system of cultiva-
ting a weed-proof turf is being used.

Continued use of nothing but mineral fertilizers over a period of years may eventually have a blue-grass turf and for this reason it is well to include some organic fertili-
er in a program. For this pur-
pose cottonseed meal, soybean meal or the new clean grade of chicken manure that is now being manufactured can be used at the rate of ten to fifteen pounds per thousand square feet, applied during April and in August.

There is the program for developing so heavy a turf as to completely exclude the weeds—the use of a sulphate of ammonia and complete fertilizer mixture twelve parts sulphate of ammonia combined with two annual applications of any good organic fertilizer. This program will gradually—in the course of two or three years drive out the weeds and maintain turf in a nearly weedless condition indefinitely without the backaches and wasted labor of hand weeding.

That so simple a program of lawn fertilization should produce such remarkable results sounds almost too good to be true and one cannot be blamed for being a bit dubious. All of this is not mere theory, however, since it has been demonstrated experimentally and in actual practice. The United States Department of Agriculture has thoroughly tested out the value of sulphate of ammonia as a discourager of lawn weeds on their experimental turf garden located at Arlington, Virginia. Similar work with like results has been done at a number of experimental stations both in the United States and Europe. One of the finest demonstrations of the weed discouraging effect of sulphate of ammonia that I have ever seen is still in progress at the famous Rothamsted Experimental Station located at Harpenden, England. Striking, indeed, is the sharp line between a practically weedless plot of grass maintained with sulphate of ammonia and its neighbor on which no acid-reacting fertilizers have been used.

PERSONAL TRIAL

The method was given a trial on a large scale on several acres of lawn surrounding the Purdue University Agricultural Experiment Station, the largest experiment station building in the United States, located at West Lafayette, Indiana. Within three years a golden sea of dandelions was transformed into a green carpet of grass.

Under the most severe conditions imaginable I am trying this method on my own lawn. A year ago I inherited one of those miserable, almost hopeless, messes of weeds that resulted from attempting to build a lawn on a mass of clay sub-soil and building debris that accumulated while the house was in the process of building. A good lawn is impossible under such conditions but, nevertheless, I have already succeeded, within a year, in driving out the majority of the weeds and greatly improving the turf, crab grass alone seeming to resist all efforts to bring it under subjection.

My plan is to continue the fertilizing schedule until the blue-grass becomes sufficiently heavy to obscure its hardy adversary. Although I can never hope for a perfect job on date so are promising that even my neighbors have commented on the improved appearance of the grass.
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Do you love a prim, trim, Puritan-faced New England house? Or a rugged, informal, stone and clapboard Pennsylvania Dutch one? Are you intrigued by the spotless formality of the brick Georgian? Or the tidy suburban stucco? Or the little bungalow of soft-colored shingles in a grove? House & Garden's Second Book of Houses shows them all, and many of each.

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Practical? Practical as paint! Full of advice about what to do... and what not to do! Full of words of experience on kitchen-planning, and foundation-laying, and how to see that the fireplace won't smoke.

If you are planning to build, begin with this book. It's the cream of several years of House & Garden's observation. Then it goes farther field, with little high-shouldered Norman French houses, equipped with all their proper furnishings... and wide Spanish houses, almost windowless, built around a patio where cool shade and a tinkle of falling water refresh the traveller under the desert sun... and tall-pillared Southern mansions... and quaint Cape Cod cottages... and English houses of whitewashed stone... and log cabins for holidays in the hills. Indeed, no matter where you choose to pay your taxes, you'll find precisely the house suited to the locale and the slope of the ground in the 192 pages of this book.

Practical? Practical as paint! Full of advice about what to do... and what not to do! Full of words of experience on kitchen-planning, and foundation-laying, and how to see that the fireplace won’t smoke.

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For the table, there are stainless steel knives, forks, teaspoons, fruit knives and butter spreaders with plain white or black handles, solid reds, greens and blues, or in the artistic black and white Pyro-Pearl. There is a booklet, quaint and charming, "How to Tell Good Cutlery," which describes the line.

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**GREEN RIVER**

**CUTLERY**

**TURNERS FALLS, MASSACHUSETTS**

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**NOTICE**

Garden

A token... suitable as a wedding gift or for the use of the person herself. Russell stainless steel Kitchen-Kraft set... selected from the famous Royal Blue Arrow Line.

---

**NIGHT-SCENTED FLOWERS**

(Continued from page 135)

evening, for with the coming of dusk this little Stock, once called the Melancholy Gillyflower from its sad daytime demeanor, expands its petals and loses upon the evening air such a sweetness as causes you literally to take root beside it.

Delicious also in the evening garden is the sweet white Tobacco. It, too, presents a poor figure by day and we sometimes feel that it takes up a good deal of room. But when in the gathering shadows the long creamy tubes freshen and expand, giving forth their fine perfume, we are glad we have so much of it. Once in the garden the sweet Tobacco will always be there, as it is a hardy and persistent seeder and the self-sown plants are always more sturdy (and they flower earlier) than those sown by hand. It is perhaps not generally known that the Tobaccos thrive and bloom well in partial shade. The pink and rose flowered hybrids are less sweet than the common white kind widely known as Nicotiana officinalis.

I spoke earlier of the white Petunia. Two other annuals that should be here considered are the old Four-o'clock or Marvel of Peru, the Belle-de-Nuit of the French, which opens its tubular flowers, white, crimson or yellow, in the late afternoon, giving forth a fine smell of oranges, and remains open all during the night; and the Daturas. There are several of these that may be grown in the open garden if given a start in frame or greenhouse. Their scent is exotic and some do not like it. I like it myself, only at a distance.

**Zaluzianskya selaginoides,** from the Cape of Good Hope, and **Schizopetala walkeri,** from Chile, are small annuals that should be sown about wherever there is room for them. The (Continued on page 210)

---

**Sweet Rocket**

Sweet Rocket often escapes from the garden and wanders along the roadside, sending out its waves of fragrance to surprise the passerby.
Protect them from Accidents and protect your home from unnecessary repair bills!

THE youngsters will lean against screens ... would you not breathe more freely if you knew that each window was fortified with the strongest wire cloth it is possible to secure?

Once and for all, thoroughly protect your home with a nationally-known screen cloth ... a product scientifically made to resist wear and tear ... double strengthened at the selvage, where the heaviest stresses come.

OPAL is a heavily zinc coated wire screen cloth made from the best hard drawn steel wire, full gauge and perfectly woven. It has a beautiful rich gold color.

LIBERTY Golden Bronze is made of hard drawn bronze wire, non-corroding, strong, resilient, perfectly woven with uniform mesh and straight lines. It has a beautiful rich gold color.

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Your hardware dealer has New York Wire Cloth. See him now. Look for the Minute Man Trade Mark "The Sure Defense". Manufactured by the

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(opo ... nothing to worry about ... toilet is an Improved Madera ... made specially to dispose of sanitary pads ... no danger of stoppage ... extremely large trapway ... very powerful siphon-jet flushing ... but quiet ... never hear it outside the bathroom ... made of the most beautiful china called Durock ... just wiping with a cloth keeps it spotless ... long bowl and long comfortable seat ... stays amazingly clean ... water covers every bit of surface under the seat opening ... very latest thing ... any good plumber ... only $85)

(opo ... Madbrook ... also Durock ... long bowl and seat ... large water surface ... but a normal sized trapway ... for homes in which the sanitary pad is not a problem ... $50)

(MADDOCK) ... information about sanitary pad disposal and Improved Madera or Improved Madera. If you Madbrook 10 cents she will send an irrefutable Durock Duck with a pencil in his head for your desk or bridge table. Your Durock Duck is made of white or Bleomone colors)

MADDOCK

Mrs. Marion Holloway, THOMAS MADDOCK'S SONS CO. Ewing and Carroll Sts., Trenton, New Jersey

Please send me the things I have checked below:

☐ Information about the Improved Madera and sanitary pad disposal.
☐ Information about the Madbrook toilet.
☐ The Durock Duck (I enclose 10 cents).

Name ........................................................................................................................................................................................................................................

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This newest Upson achievement brings within the reach of everyone the beauty of modeled plaster—at only a fraction the cost.

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HOUSE & GARDEN'S BOOKSHELF

EARLY AMERICAN WROUGHT IRON.
By Albert H. Sonn, New York.
Charles Scribner’s Sons.

THE most of us iron is merely iron. Consequently to the same "most" it offers little attraction. Now come these three volumes by Mr. Sonn which will convince the most fastidious spectator that as much art is displayed in the objects wrought by the smith that are fashioned to please as to function.

The book relies, and relies successfully, upon the hundred and twenty excellent plates reproduced from drawings made by the author. To turn the pages of the three volumes, slowly, is to realize a quick increasing interest toward wrought iron.

One pleasing feature is the elimination of unnecessary prolixity. Such text as there is, is restricted to a short but concise history of old ironwork, after which we are carried on by the pictures. Each of the latter a short description appears on the opposite page. This supplies the origin of the example illustrated, and often, historical data connected with it.

The author tells us that "little, if anything, in the field of American wrought iron" is distinctively American, but that the settlers from various parts of Europe impressed their own native traditions on the ironwork of the different colonies. These European influences may be followed in the examples illustrated. For instance, the knockers. There is the applied heart ornament, of the Pennsylvania Germans; the circular shape with moulded decoration found in New Orleans, but derived from the Italian styles; the applied scroll of French origin, also found in New Orleans; and the numerous shapes that came from England and which are found in different parts of America.

To further illustrate these resemblances, sketches of European examples are included for the purpose of comparison and this adds much to the value of the work as a reference.

There is one point which many readers of this book may question. The author frequently omits to supply the earlier name for some particular object illustrated. This is especially obvious in his description of the plates illustrating lock and keys. The interest in the many attractive styles of these would have been added to if more of them had been designated by their original names.

This same remark applies to the sketches of the large hinges.

Not only will collectors of wrought iron be numbered among the readers of these three volumes, but it is fairly safe to say that present-day architects will also find them a source of inspiration.

With the revival of interest in earlier styles it is not always easy to obtain a good prototype. But whether it be for the design of a shutter, a thumb latch, weather-vane, or a pair of elaborate Corbels, the original design in the "handwriting" of a clever artist is to be found among the pages that represent the indefatigable labor of Mr. Sonn.—E. W.

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say it’s the “life of the party.”

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10 ins. high and weighs 6 lbs.
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DELPHINIUMS

And

scent of the first is thought to be reminiscent of Jasmine and vanilla; the second has curious little white blossoms, like squares of white lace, perfumed with almond. It must be sown where it is to grow and thinned out, but not disturbed.

My favorite among night-scented plants, I think, is Sweet Rocket, *Hesperis matronalis*, named for the evening star. Once it was a most popular garden plant, the favorite of Queens, but nowadays it must look after itself in holes and corners on the edge of reproductibility and has in many localities even taken to the fields and open roadsides. But it is worthy of attention in the garden for other reasons than its night sweetness. Few flowers so well offset the stodginess of Pions, and it creates a grateful lightness in the June borders of Irises, Oriental Poppies and Daylilies. Of course it is a biennial and must be raised from seed annually, unless you will let it take care of its own posterity by self-sowing, which it is quite prepared to do.

THE ROCKETS

The Sweet Rocket has a great advantage over many of the night-scented flowers in that it does not lose its beauty by day; the simple four-petalled blossoms, white mauve or purple, keep their vivid appearance all through the sunny hours. Double Rockets used to be the pride of Scotch gardeners, who grew these rather chancy plants with consummate skill, but they are seldom seen nowadays. I once saw Double Rockets in a Scotch cottage garden and they were exactly as Mr. Bowles described them, "whiter than the gray of an oyster, and greener than the greenish-white of Lowesdorf China"; and there were lavender ones as well. The scent is faintly lemony by day but has the warmth of Violets by night.

Not infrequently when flowers disappear from garden books and catalogues they reappear in botanies or wildflower books. This means that the fickle tide of fashion has turned from these rather chancy plants with consummate skill, but they are seldom seen nowadays. I once saw Double Rockets in a Scotch cottage garden and they were exactly as Mr. Bowles described them, "whiter than the gray of an oyster, and greener than the greenish-white of Lowesdorf China"; and there were lavender ones as well. The scent is faintly lemony by day but has the warmth of Violets by night.

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A NIGHT GROWER

There is here no space to consider the many tender or greenhouse plants that are fragrant at night, and yet some mention should be made of the greatest of them all, the amazing night-blooming Cactus known as the Night-blooming Cereus, a native of the West Indies whose bristling, tortured stems give birth in the darkness to the most spectacular of blossoms. I remember, when a little girl, being allowed to "sit up" to witness the flowering of this plant in a neighbor's greenhouse, and well do I remember with what awe I watched it unfold. The show began at about eight o'clock; at eleven the flower was fully blown and its perfume seemed to fill the world, before the cock crowed (I was, of course, not allowed to stay) the drama was played out and the beautiful flower fallen into decay. The calyx of the flower is nearly a

(Continued on page 212)
The economy of science

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Here, acknowledged leaders in this special field of science carry on unceasing research into hitherto unexplored phases of plant pathology. This work is under the active direction of Dr. E. P. Felt, Director and Chief Entomologist; Dr. William H. Rankin, Chief Pathologist, and Dr. Carl Deuber, Chief Physiologist in collaboration with other leading investigators into this many-sided subject.

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NIGHT-SCENTED FLOWERS

(Continued from page 210)

TO SET

Tuberose

Honeysuckle

Heliotrope

Heptemerus matronalis

Saponaria officinalis f. pl.

Yuccas

Veronica thalassica

Aster aerata setosa

Anthemis odorata

Silene noctiflora

Lamiastrum

Datura arborescens

Datura innoxia

Hesperis matronalis

Daucus carota

Chenopodium

Ipecacunia

Ipomoea

TO SOW

Abutilon fragrant

" umbellata

Stokes Ten-week (Matthiola)

" Night-scented

Petunia, white especially

Sweet Tobacco (Nicotiana)

Four o'clock, (Mirabilis)

Asperula aurora setosa

Onagora odorata

" tetrodora

" segesvicta

Silene noctiflora

" uniflora

" uniflora

Datura carota

Daucus carota

Chenopodium

Ipecacunia

Ipomoea

THE GRAPE SITUATION

When the Eighteenth Amendment was passed, it was felt that Grape growing would decline. Instead it has been the one fruit which has been planted relatively more heavily than perhaps any other.

Throughout the eastern and central States, American varieties such as Concord have been planted to supply local demand. In the southern States and into Texas other varieties have also been planted. European Grapes cannot be grown in the East unless they are grafted on American roots, due to the fact that the roots of European kinds are affected by the Phyloxera, a native root-louse. European Grapes may need some winter protection in places, but there is no reason why they should not be grown out-of-doors almost anywhere in the eastern States if these items are attended to.

In California, Grape planting went wild, and nearly 90% of the production now centers there. Some eight to ten years ago, grapes reached $190 a ton or $3.75 a pound in California and planting did not stop until an excessive supply had been assured. California Grapes were grown for three purposes: to eat fresh, for raisins and for wine, the bulk being of the latter type. Those Grapes are shipped East in trays carried by refrigerated cars. The following figures show conditions in California:

In 1925, 1,912,000 tons of Grapes were produced, from which 200,000 tons of raisins were made (about 4 tons of fresh Grapes are used to make one ton of raisins), 76,000 cars of Grapes were shipped and 135,000 tons were left on the vines unharvested. The year 1926 saw 2,040,000 tons produced, from which 285,000 tons of raisins were made, 64,225 cars of Grapes shipped and about 150,000 left on the vines unharvested. Of 2,264,000 tons produced in 1927, 298,000 tons of raisins were made, and about 142,000 tons were left on the vines. In 1928, 2,538,400 tons of Grapes were produced, 399,000 tons of raisins were shipped, and about 153,000 tons were left unharvested on the vines.

Now in California there are about 67,500 acres of Grapes in bearing. From 5% to 7% of the crop has been left unharvested and much of that shipped has been sold for freight charges or lost and at times the raisins have been fed to cattle. Now the shipper must prepay or guarantee the freight on Grapes. In 1928 there was a carry-over of 150,000 tons of raisins and now a crop of 300,000 tons has been thrown on top of it. There is little hope in making more raisins.

The number of California vineyards in the state of the banks, vineyards already foreclosed upon or subject to foreclosure, is appalling and there seems little hope that the coming season will be better than the last. Many vineyards should be pulled up but in this there is a general degree of courtesy being shown which is not remarkably considering the circumstances. Each one—theirs free from debt, those involved and the banks with the foreclosed properties—is waiting for the next man to begin. All agree that something must be done. Meanwhile unless we get petitions, bug, blights or something of the sort we may expect another overwhelming crop in 1929.

Samuel Fraser
YOU have wanted a greenhouse... Flowers, plants, fruit and vegetables all through the winter. What deep satisfaction!... You may have wondered about the cost, and just how to go about getting your own glass covered garden. Here is the answer: Write for “American Greenhouses”, the colorful 192 page book, and the price leaflet, which are yours on request.

It is a mark of distinction to own such a house,—especially an AMERICAN, the “World’s Finest Greenhouse”. Here is a priceless possession, at surprisingly small cost. The initial expense is probably less than you have believed,—and can be paid out of income, if preferred. As for upkeep, your gardener might easily grow a surplus for sale to neighbors or dealers at a profit.... Just ask for “American Greenhouses”, the largest and most complete book ever published on this subject.

THE AMERICAN GREENHOUSE MFG. CO.,
1307 W. Randolph St., Chicago, Ill.

Amityville, L. I., N. Y.
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124 Ketcham Ave.

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Kansas City, Mo.

1014 Oak St.


Room 43, 20 S. 15th St.

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AMERICAN GREENHOUSES
**Do You know this Secret?**

**Green Peas from June to August!**

Instead of planting at 2 or 3 weeks' intervals, use these six varieties ALL AT ONCE just as soon as the frost is out of the ground and the ground and inches watering crops of husk, juicy peas in a steady succession from June to late August.

Late planted peas are always a failure because summer heat and lack of moisture vitally rapid leaf growth without providing an adequate root system to maintain it. Avoid this difficulty by planting ALL YOUR PEAS EARLY.

Schling's "Happy Season" Pea Collection
Sure To Give You Peas All Season If Planted Early

Schling's Pedigree Extra Early—Height: 2½ feet. The earliest Pea given, crisp, or Prosperity—Height: 5 feet. Pod so large as Telephone. Peas of defining flavor.


Delightful Dwarf—Height: 1½ feet. Larger than the previous two. More tender. Pkt. 25c.

Seabright—Height: 2½ feet. Salt resistant, much longer. Pkt. 25c.

Perfect Pea—Height: 3½ feet. Wide, flat, so long that they are not cumbered with pods as the others. Pkt. 25c.

**AS SPRING APPROACHES**

**ERNST BADE**

With the approach of spring the roots of trees again become active, moisture is absorbed in large quantities and is rushed to the resting buds which swell and increase in size with incredible rapidity until they burst and cast off the protective winter scales, as is the case with the Willows, or retain them for a short time as do the Ash and Hickory.

All of these spring buds had already been developed in the fall. Wrapped in the protective scales, the immature leaves and flowers slept throughout the cold season. Then, when the warm spring sun bathes the buds, it has a comparatively easy time of it to awaken the sleeper and flower throughout the cold season. Then, when the warm spring sun bathes the buds, it has a comparatively easy time of it to open the buds and flowers to the sunshine which, through the ages, has been slowly changed to its present characteristics. The crib of these flowers to appear. They come as early as March and hang fully open from the bare, leafless twigs, bringing up their pollen to be carried by various bees and ultimately either destroyed or brought to the pistil of a female flower which it fertilizes. The short and thick female flowers resemble buds and from them protrude purple, thimble-pods. Later, the crowns of the Maple become tinged with red, like little points of flame the thick clusters of flowers shine in the tree-tops, seeming to cover the crown with a gentle veil of fire. Twigs of Dogwood appear as if covered with snow as their white sepals, immense in size and surrounding the tiny yellow clusters of flowers, shine in the sunlight. Still more charming are the flowers of the Weigelia, gleaming as if they had imprisoned the red of the summer’s glow. The large tulip-like buds of Magnolia appear still earlier. No leaf is as yet upon the tree and still it is covered with flowers.

Simple, green, scale-like flowers are formed on many of the earliest of flowering trees, far too early to show all of their amazing charm in form and color to a reawakening world. They cannot, as yet, depend upon insect visits to pollinate their flowers. Spring winds accomplish this process. After the period of flowering of the earliest of plants is over, life quickens in the leafy buds. Their win-

(Continued on page 218)
Do they enjoy YOUR hospitality, too?

VISITORS like these have never read "Emily Post." They would not know R.S.V.P. if they chanced to meet it. To them, unenclosed property is an engraved invitation.

You do not need to extend your hospitality to "flivvering picnickers," neighborhood animals, and other trespassers. A trim and strong Anchor Fence politely, but very firmly says "not at home" to these uninvited visitors... guarantees you privacy, and protects your carefully kept grounds.

To place competent fencing advice and erection service within easy reach of property owners everywhere, we maintain 75 offices in principal cities from coast to coast. Phone or write the nearest Anchor office for our catalog or any advice on enclosing your property.

ANCHOR POST FENCE CO., Eastern Ave. & Kane St., Baltimore, Md. Consult Telephone Directory for nearest office.
with the Serpent's Tongue" we read of Anne Royall, anti-Masonic agitator, and journalist in the 40's. We must quote from it a striking specimen of reportorial initiation:

"There is, for example, the famous instance of her interviewing John Quincy Adams when that President was as Nature made him. One early morning he left the White House and slipped into the Potomac for a nice, quiet, little swim. In the manner of small boys he left his clothes on the bank, swimming around, he chanced to look up, and there comfortably seated on his clothes was Mrs. Royall. Several times, she shouted, she had been at the White House to get his opinion of the United States Bank and had been refused an audience, Pencill in hand, she was now ready for the interview. When he gave it to her he could have his clothes, not before. Keeping his head above water as best he could, the President of the United States capitulated to the exigencies of the occasion."

The chapter called "The Madonna in Bustles" tells of Mrs. Hale's forty-seven years of both newspaper work on Godey's Lady's Book and her great influence on the morals and styles of America. Think of the diligence in searching more than 600 old magazines for data for this single chapter! You get this sense of thoroughness throughout the entire book, but the delightful humor and whimsicality carry you along as blithely as if the writer were making it all up out of his head. Notes there are, and useful ones at that, an astounding Bibliography of seven full pages, but while you read about the "Two Sweet Little Demons" you forget such fundamental essentials, for "Margaret and Rachel, Wire Drawing on, Investigating Mysterious Notes in their Bedroom, Happen on the Beginnings of Spiritualism in America," and in the last chapter — well, there were more — La Belle Rebelle — the Virgin Spy, Belle Boyd, Confounds Her Enemies in War and Love and Becomes the Jeanne d'Arc of Confederate Maidens, While Still Remaining a Pretty Little Exaggerator."

G G G

DRAWING WITH PEN AND INK. By Arthur L. Gossip, New York: Pencil Points Press Inc.

This book will form a valuable addition to the libraries of all who use the medium of pen and ink, whether they be students of architecture, illustration, landscape architecture, or those who practice these arts and wish to have a reference book on pen and ink to which to turn. It is an admirable book, beautifully illustrated by a host of present-day masters of this craft. All types of work are shown, and the comic drawings of John Held Jr. and Charles Dana Gibson, those apparently so simple things that no one save a genius can produce. There are architectural renderings by Bertram C. Goodhue, Jonathan King, Verna Cook Salomonsky and others, and there are reproductions of magazine and book illustrations by such widely differing masters as Willy Pogany and Thomas Fogarty.

The text, which has been amplified from a series of lectures by the author, deals with the subject comprehensively from the most elementary to its most complicated phases. The value of the text is further enhanced by incidental marginal sketches by the author illustrating the various matters discussed and making an already lucid style particularly clear and readable.

The aim of the book, says the author in his preface, is "to offer practical instruction in the art of pen drawing rather than a statement of facts concerning its history or a discussion of the relative merits of the work of its followers." This has been accomplished. The various chapters beginning with one on drawing materials lead logically, step by step, through tone building, value study, outline, light and shade, to life drawing, principles of composition, the representation of trees, buildings, interiors, and finally to the combination of pen and ink with such other mediums as crayon and wash. Further than this there is a discussion of methods of reproduction and three final chapters dealing with the advertiser's needs, book and magazine illustration and other illustrative problems.

H. B. R.

THE PERIOD FURNITURE HANDBOOK. By Mr. and Mrs. G. Glen Gould. New York: Dodd, Mead & Company.

"WHAT is a bonheur de jour?" says the housewife asks herself.

The Period Furniture Handbook answers clearly all questions for the beginner and immediately confirms the recollection of the experienced. Indeed, to the trade, the information as to names of pieces and their proper spelling alone is invaluable.

There are 23 chapters in the book, beginning with the Gothic and coming down through the Italian Renaissance, Spanish, French—even French Provincial, through the English and American periods to the Victorian, which is included at some length. A very complete glossary of the pieces of each period is followed by a standardized list of the characteristics of each style, so that in the "efficiency" heads of furniture and department stores, Salesmen must be

(Continued on page 228)
Any room can be modernized in from twenty-four to forty-eight hours by decorating the walls and ceilings with Sanitas Modern Wall Covering. This is the cleanable fabric wall covering, which for twenty-five years has been used by leading decorators in thousands of charming homes, apartment houses and hotels.

There are Sanitas styles for every room, from kitchen to guest room—plain pastel shades, attractive figured styles, lustrous metalline brocades; and modern tile effects for kitchen, pantry, laundry and bathroom.

Sanitas not only gives you distinction in decoration but it is a most practical and economical material because of its durability—it makes your walls an investment.

If your home is a new one, you do not have to live with bare walls—Sanitas can be applied as soon as the plaster is dry. Shrinkage cracks, which may develop in the plaster later, will not show through Sanitas.

If your home is an old one, Sanitas is the ideal material for covering old walls and ceilings—it gives structural strength to them. Sanitas does not fade, crack or peel; easily cleaned with a damp cloth.

See for yourself, the complete line of beautiful styles in the Sanitas Sample Book, at your decorators. Write us, if your local decorator is unable to serve you.
Good taste and fashion approve these smart new floorings...

Floors of such rich coloring and smart design that they "make" the entire room! Floors so impervious to dirt and liquids that it is easy to keep them free from all spots and stains for years!

So resilient that they absorb the clatter of hurrying feet. Noise is conspicuous by its absence!

So moderate in cost that even a very modest budget is not embarrassed!

So quickly laid, that their installation causes no inconvenience at all—a matter of but a day at most! Sealex Linoleums!

A few of the many smart Karnean Marbled designs in Sealex Linoleum are reproduced here. To describe them is almost impossible. Only by seeing the actual material (you will find it on display at your local dealer's) can you realize how natural and graceful are the veinings, how rich and mellow the colorings. At last, real marble has more than met its match!

There's a wealth of other patterns, too, in Sealex Linoleums—endless ideas for lovely decorative effects. Motifs strikingly modern or distinctly conservative!

And the exclusive Sealex Process, by which all Sealex Linoleums are made, makes them spot-proof and stain-proof. A damp mop keeps these up-to-date floorings clean.

In home, shop or office, there is a Sealex Linoleum for every flooring requirement—richly patterned Inlaid, Embossed, two-tone Jaspé, Plain and Battleship.

Sealex Linoleums can be identified by this shield which appears on the face of the goods.

Because of their decoration value and their spot-proof, easily cleaned surface, Sealex Linoleums are the favored flooring wherever business is conducted in artistic surroundings.

All Sealex Linoleums can be identified by this shield which appears on the face of the goods.

Sealex Linoleums

Stain-proof—Spot-proof—Easily cleaned

FREE—Sensible suggestions for smartness in the home! A helpful handbook on home-decoration: "Your Floors as a Decorator Views Them." by the well-known authority Wm. Redfield. It contains many practical ideas for modernizing and beautifying the various rooms in the house. A scientific Color Scheme Selector comes with the book. Just drop a line to Congoleum-Nairn Inc., Kearny, N. J., for a free copy or if you prefer use this coupon. (Please print name and address clearly.)
Six Hundred Gardens FOR YOU

House & Garden's Second Book of Gardens is the best cure for Americanitis that ever got itself between covers. Hundreds and hundreds of gardens, all blooming softly, gayly, eagerly, fragrantly... little ones the size of your heart and a slim purse... gorgeous big ones that make you feel like Adam and Eve and God, just to look at them.

Annuals, perennials, herbaceous borders, vines of all kinds, trees, shrubs... rock gardens, wild gardens, garden pools and brookside gardens, gardens of bulbs, dooryard gardens, gardens in the shade, seaside gardens, window box gardens and lordly greenhouses... landscape gardening... individual flowers and their growing... the Gardener's Calendar for the whole round year.

Richardson Wright, House & Garden's genial editor, chose the gardens...

If you have a garden, give it this fat book to tell it how to be a better garden; if you haven't a garden, but heaven gave you an imagination instead, get that Second Book of Gardens, anyway. You can wander down six hundred picture paths in its pages, and find peace.

Plant your loneliest $5 in the coupon at the bottom... and see what a big green Book comes up!

House & Garden's
Second Book of Gardens
$5, net
224 pages... 650 illustrations

This Year
Let Your Hardy Garden Fool April Fool

Fool it, by this time planting only Wayside Gardens' two year old field clumps. Plants that have proved their mettle, right out in the fields, by coming through two winters with flying colors.

You ask: "How can I know that I am surely getting only your two year field grown plants?"

Well, our reputation as America's best hardy plantmen has been built that way. We absolutely refuse to sell any that are not field grown and at least two years old.

Great month this to plant them. Send for catalog. Month of May will be a little late to plant some of them, especially certain of the rock garden ones. But it's not too late for lots of them. So that means an early ordering.

Wayside Gardens
E. H. Schulze
Mentor, Ohio

A Water Lily Pool for Every Garden

Colorful—Fragrant—Beautiful
Many have the mistaken idea that the beauty and joy of a Water Lily Pool are only for those who have large estates. Some of the prettiest Water Lily Pools are located in small gardens. Beautiful effects are obtained with a simple sunken-tub pool, surrounded by rocks and aquatic plants.

Water Lilies are the most beautiful and fascinating of all flowers, and also the easiest to care for. No hoeing, weeding or watering required.

Complete Small Pool Collection... $10
3 Water Lilies, pink, blue, yellow; 20 aquatic plants; 12 Goldfishes; 2 Calico Fishes; Collection of snails, tadpoles and other scavengers to keep pool clean.

Catalog, illustrated in colors, sent FREE

It shows how you may enjoy a Water Lily Pool in your own garden this spring. Tells how to build a pool, inexpensively; how to plant a tub pool; describes the fascinating new imports, Water Lilies, Aquatic Plants, and Ornamental Fishes. Write TODAY for your free copy.

WM. TRICKER, INC.
28 Brookside Ave.
SADDLE RIVER, N. J.
FLOWERING TREES
FOR PARK PLANTINGS

Many well-to-do public-spirited citizens have provided funds, in their several cities, for plantings of flowering trees, notably—Mr. Robert Oakman, who is planting a nine-mile boulevard of flowering trees, in Detroit, and Mr. Samuel Moffitt, of New York, who made a very generous donation to the City of St. Louis, both realizing that plantings of this kind will bring fame to their home cities and thousands of visitors from the surrounding territory.

It is a well-known fact, that many thousands of excursionists visit Washington during the Cherry Blossom Season, and that the railroads entering that City advertise the "Cherry Blossom Time" for several weeks in the daily papers of the surrounding country, Philadelphia included. So great is the profusion of bloom, that from a distance, the trees resemble drifts of pink snow. In years to come, Fairmount Park, Philadelphia, and Druid Hill Park, at Baltimore, will attract their share of admiration, because of plantings more recently made.

Flowering Trees lend themselves particularly well to plantings in Parks, Public Grounds, and large Estates, since nothing in the field of Horticulture offers such spectacular effects, and few trees require less care. Mass Plantings are always effective, whether the grove includes a half dozen trees or covers several acres. Chinese Flowering Crabs are even hardier and more colorful than the Japanese Cherries; either of them may be successfully grown without special preparation, almost anywhere in the United States.

Our book "Flowering Trees of the Orient" supplies valuable information about Flowering Trees, and contains a list of Public Grounds which have secured these Trees from this Nursery. Flowering Cherries, Crabs, Peaches, Plums, and other specialties are described and illustrated. A copy, free upon request.

As Spring Approaches

Among the choicest of the flowering fruits is the Plum tree. Its flowers are pure white and abundantly borne. This picture shows well the pollen heads on the stamens.

With spring the catkins of the Hazel open up to allow myriads of small flowers to bloom. All winter they have remained dormant.
The New Gold Medal Rose
Growing Plants for Outdoor Culture in 4½ inch pots

This is the most outstanding Rose of recent introduction. The plant is extremely vigorous and is highly resistant to fungous troubles. All the summer, through to frost, it produces an abundance of blooms that are sweetly fragrant and truly double, and the color is marvelous indeed. Imagine the beautiful blending of vivid pink, orange and glistening gold all in one flower—this is Talisman, and these wonderful colors are retained under all conditions without fading.

The plants we offer were grafted on Multiflora Japanica stock, in the spring of 1928, which is considered by Rose authorities to be the best method of propagating pot-grown Roses for outdoor planting. These plants have been growing for a full year in pots and in consequence their roots are well balled and shapely. They should not be confused with ordinary, open-ground, budded plants, lifted from the field and potted just prior to shipment.

Strong Pot-grown Plants (4½ inch), Ready May 1st
$2.50 each, $25.00 per dozen

TALISMAN AWARDS
President Coolidge Horticultural Gold Medal, New York, 1928.
Gold Medal, Philadelphia Flower Festival, 1928.

Tree Bouquets—
with Flowering Crabs

In the spring time Flowering Crabs literally burst into bloom. Every limb is covered with hundreds of pink and white flowers; each tree is a complete bouquet. These plants fit excellently in any garden plan. Use them singly, or as hedge plants; and mass them with flowering plants for gorgeous color effects. A number of varieties and sizes, together with an unusual collection of fine Evergreens are listed in our catalog, which will be mailed at your request.

The Hoyt Nurseries
New Canaan, Connecticut
Always Buy Good Nursery Stock

Ideal Power Lawn Mowers have been in use for more than ten years. Their economy and ability to do a good cutting job have been proved.
The simple Ideal engine asks little attention. The mower construction is so strong that repair costs seldom amount to anything.
Four sizes: two, roller type—two, wheel type.
Write today for catalogue of all models and illustrating a number of estate lawns that are kept smooth and trim by "Ideals".

Ideal Power Lawn Mower Co.
803 Kalamazoo St., Lansing, Mich.
Branches in all principal cities
THE REAL STORY OF CLEMATIS

P. M. KOSTER

There are very few climbing plants more beautiful and more useful than Clematis—and to add in the same breath, how little they are used in this country! There is not a garden where there is no place for them; they should be planted near every trellis, every porch, every garage; every old tree stump should be covered with them; they should drop down over rockwork, climb up all kinds of supports. In many gardens many pergolas would be greatly improved if Clematis were planted instead of Climbing Roses which only flower a relatively short time in the spring. Intelligent planting of Clematis will secure flowers from early spring until frost puts a stop to all outside flowers, remedying all plants that it is time to rest, to accumulate strength for a gorgeous performance in three acts: Spring, Summer and Autumn.

Clematis have been introduced from all parts of the globe: from Southern Europe and California, Northern Africa, Mexico and China. The climate in these countries indicates that Clematis are thankful for a warm, protected location. Von Siebold, Thunberg and Fortune brought them from Japan, Jackson, Cripps, Noble, Lemoine and many others obtained splendid new varieties through cross-hybridization.

It is especially important that Clematis should be planted right. They are thankful for a rich, loose soil easily prepared anywhere by adding to the natural soil decayed manure and, if the soil is stiff, a good share of peat moss or humus. It is essential to make the planting hole very much larger and deeper than needed for the size of the root.

Loose soil around a plant enables the rain to penetrate the soil and reach the roots instead of running away from the roots. The deep hole, filled up to the right height with good soil before putting in the plant, provides the drainage without which no plant will live. Besides, a deep hole makes possible capillary action—the law of Nature which brings water from the bottom to the surface.

Simple! Yes, but doubtless many readers have tried again and again to plant Clematis and met with little success. They did prepare the soil right, they did make large holes, they bought the plants of reliable nurserymen and paid a good price for them.

And what was the result? They found that the plants started to grow fairly well, some of them even began to flower and then, two or three days later, the plants died, withering from the top down. Later in the season, sometimes, a new shoot would come up from the ground but it would only be a weak growth and the frost would kill it. Some would try again the (Continued on page 222)

A Clematis planted properly at the right depth with roots spread correctly. Vines cut off at E normal; stem cut at AB or CD right. Stake must be set before the hole is filled to avoid root injury.

A Clematis planted right and take property set. A five-inch flower pot with the bottom knocked out covers the plant. The pot must be buried one inch in the ground and filled up with fine sand.
How Can Sunlight Grow Flowers
If You Persist in Keeping It Out?

Sunlight is the fundamental need of flowers. Without it they cannot grow—the more sun, the better flowers. This simple statement of fact has guided us in our greenhouse construction for almost thirty years. Because we appreciate the need of sunlight we have perfected the Solar V-Bar which casts less shadow than any other type of construction. We have studied the placing of purlins and gutters, we have perfected a fine ventilating system—in other words, we have achieved a greenhouse which actually grows more and finer flowers.

Our illustrated catalogue proves these statements in detail. Ask for it.
END the DUST NUISANCE Before It Begins!

KEEP this outdoor season dustless. Right now order Solvay Calcium Chloride to apply on gravel walks, driveways, bridle paths, clay tennis courts and any surface from which dust is likely to arise.

Solvay Calcium Chloride prevents formation of dust and keeps surfaces in excellent condition. It is clean, white and odorless. Will not harm clothing, tires, car finishes, or horses’ hoofs. Does not track or stain.

Write for booklet 1357

THE REAL STORY OF CLEMATIS (Continued from page 220)

next spring with the same results and, however they would love to have large flowering Clematis in their garden, they gave it up.

In my nursery in Holland I used to grow large-flowering Clematis by the tens of thousands. As one Englishman viewing the nursery, once said, "Miles of Clematis!" Large blocks of the purple Jackmani, the white Henryi, the red Ville de Lyon, the light blue Ramoza, practically flowering from the hard, outside bark of the vines intact, a bark not split up lengthwise, as Clematis are always received from the nurseries. The nurserymen are not to blame for this splitting of the bark. It is impossible to dig and handle a Clematis without the bark splitting. Around the plant you will find received from a nursery, we find that the plant has several layers of roots, above every layer we find growing eyes. The plant has a top of one or two feet. This top always remains on the Clematis when planted and when the plant starts growing, it starts from the eyes above the ground, on a base all split as far down as AB in the drawing on page 220.

PRACTICAL PREVENTION

To come back to my nursery, in the spring after I had discovered the nematodes I did not cut off the vines above the ground on the then one-year-old plants. Instead, I carefully scratched away the soil around the stem and cut off the vines just above the dormant eyes in the ground, consequently, entirely new shoots came out of the ground and were carefully tied to stakes as soon as a tie could be made. The laborers were told to keep their shoes away from the base of the plants so neither wind nor hoe could hurt the bark. As a result, in all our blocks, during the summer and fall, we did not have any diseased Clematis. It was a marvelous success and dozens of fellow nurserymen came to the nursery to admire our fields. I was told by a scientist that the nematodes might not be the cause of the "disease", that they might be a "secondary". I could not contradict him but did grow healthy Clematis!

One of the sketches shows plainly how Clematis should be planted. If the plants received from the nurseries are pot grown, carefully loosen up the ball, rather break some roots than leave them intertwined. It is necessary to put a small stake near the plant, even if they are set near trellises or pillars of porches, to tie them to until they are long enough to reach the permanent support. If you wish to protect the young shoots from being hurt by lawnmowers or scratching chickens or dogs, protect them with an inverted, bottomless pot filled with sand, as shown in the other sketch.

If for any reason the plant does not make strong shoots the first year, cut them off the next spring below the ground. If you have used the pot remove it, cut the vines back and replace the pot. The second year the plants, having made roots the preceding year, will grow vigorously and can be pruned later.

When the pots have been removed or the soil scratched away from around the plant you will find that one or two new layers of roots have
Now, Keep Your Lawn Free of Weeds and Dandelions

Is the beauty of your lawn destroyed by dandelions, plantain, buckhorn, and common weeds? They are beyond the scope of your reel type mower, and digging and other tedious methods have little effect. Prominent gardeners and park superintendents everywhere have worried with the problem and at their suggestion, Jacobsen Manufacturing Company designed

The New Sickle-Bar Clipping Attachment

This new exclusive Jacobsen feature solves the weed problem as nothing else ever did. Most lawn pests are annuals. Keeping them clipped prevents their seeding. The Sickle-Bar Clipping attachment noses its way under the weeds and nips them off and the cutting reel finishes the job lawn height. There is nothing else like it. It is just the tool that gardeners have long waited for and attaches to their favorite power mower—the Jacobsen.

The Clipper operates independently of the regular cutting reel or at the same time. It is made of highest grade material—a typical Jacobsen product.

Jacobsen Manufacturing Company
Dept. A Racine, Wisconsin

Features of the Jacobsen 4-Acre Power Lawn Mower

This sturdy mower cuts a 24-inch swath at the rate of four acres a day. An automobile-type differential makes steering easy about flower beds, shrubs and other obstructions. The knives are sharpened by the mower’s own power without removing the reel. Independent clutches control the traction and cutting units. A dependable, specially-built Jacobsen Motor furnishes ample power.

For moderately large lawns or lawns with numerous obstructions, the Jacobsen “Junior” 19-inch power mower is a favorite. It is known as "The quality small power mower.”

Don’t Make Garden for Bugs!

Only by guarding against beetles, potato bugs, leaf hoppers and other pests, can your flowers and vegetables develop properly.

Hammond’s Slug-Shot

has been used for almost fifty years by amateur and professional gardeners. Awarded gold Medals for its efficiency at World’s Fairs, and awarded glowing praise by gardeners everywhere.

At your dealers, or send for our catalog

HAMMOND’S PAINT & SLUG-SHOT WORKS
BEACON, NEW YORK

Hammond’s Slug-Shot

Sure death to leaf-eating insects

Enclosed Gear Drive

The picture at the right shows the double housing cut away from the gears. The gears run in a bath of oil. Compare this construction with other mowers.

“Cedarcraft” Fence Primitive

The Aristocrat of all Fencing

Made of whole round Michigan White Cedar posts, rails and pickets left in the Natural Bark. No other fence offers just that same blending effect with Nature’s background, and the curved top of this Fence which is brought into relief by the soft silver grey tone of the sharp edged (not pointed) tops of the pickets presents a graceful appearance obtainable by no other means.

Produced in three designs, Under-curve, Over-curve and Alternate Over-curve and Under-curve sections, with several different type gates from which to choose. Height Under-curve sections, maximum 48 inches; minimum 39 inches. Height Over-curve sections, maximum 57 inches; minimum 49 inches.

MICHIGAN CEDARCRAFT COMPANY
GREENBUSH, ALCONA CO., MICH.

PLEASE send me your free illustrated “Cedarcraft” Fencing Catalogue.

Name ____________________________
Address __________________________
City ____________________________ State ________ H. & G.
A charming GARDEN HOUSE will lend character and completeness to your home surroundings.

The possibilities for architectural adornment in extensive private gardens and public grounds, as well as in beautifying the yards and gardens of more modest homes, very often suggest the use of a pergola or garden house.

Hartmann-Sanders pergolas, garden houses and other outdoor features are a reflection of the modern quest for beauty and lend an unmistakable note of distinction to home surroundings. They are significant of life’s finer and more beautiful phases.

HARTMANN-SANDERS

PERGOLAS  COLONIAL ENTRANCES  ROLL COLUMNS
ROSE ARBORS  GARDEN EQUIPMENT

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 Ave., Chicago, Eastern Office and Showroom, Dept. P, 6 East 39th Street, New York City.

THE REAL STORY OF CLEMATIS (Continued from page 222)

been made with eyes waiting to develop if they get a chance. Such opportunity comes when the top of the plant is entirely cut off or when the frost has killed the vines back to the ground. These are spare eyes like a spare tire on your automobile. They should be protected by giving a mulch at least four inches high of well rotted manure. Do not forget that the plants will show you their good will by producing hundreds of flowers all during the summer, but they expect a little attention which can be given with very little expense or trouble.

In a wet season, about midsummer, powdery mildew will sometimes appear, disfiguring the foliage with a grayish or whitish covering. It will not hurt the plant but it is unsightly. This mildew can be prevented by spraying with potassium sulphide. Start spraying before the mildew appears, before the foliage is ripe. Use one ounce of potassium sulphide in a small amount of water to form a paste; then mix the paste with two or three gallons of water and use immediately.

The list of good Clematis varieties which follows has been made up from half a dozen American nursery catalogs, all the sorts listed can be obtained in this country. There are other fine new varieties being grown in Europe that American nurseries have not yet brought over.

In the beginning of this article I said that most varieties grown today are the result of cross-hybridization; in several instances it is hard to recognize the characteristics of the group from which they originate.

In several catalogs, however, particularly those issued by firms which grow large collections of Clematis, the different varieties are divided into groups: Jackmani, Lanuginosa, Florinda, Viticella Group, etc. This seems to me impracticable, in order to enable readers to make an intelligent choice, 4 divide Clematis in two groups:

(a) Varieties with large flowers.
(b) Varieties with small flowers.

As the time for flowering and the way of pruning are different for different varieties, the names in the following list are given numbers referring to the following key:

1. Varieties marked 1 flower conti­
tuously from young, growing summer wood. In the spring the vines must be cut back as far as they have died; the thinnest vines must be cut out at the bottom.

2. The varieties marked 2 flower early in spring from the last year's wood and later in summer from the young growing summer wood. In the spring the vines must be cut halfway back or lower if the frost has killed them farther down.

3. The varieties marked 1 flower profusely in the summer with small blossoms; some die back entirely. They are practically perennial. Cut back to the ground.

LARGE FLOWERING VARIETIES

Key Number

1—Duchess of Edinburgh, very large double flower, white.
2—Fairly Queen, very large flower, pale flesh with a red bar in the center of each petal.
3—Heinzi (Madame le Couture), very large flower, creamy white; flowers very freely.
4—Jackmani, large flowers, deep violet purple, very free.
5—Jackmani alba, large white flowers, flowering mostly at the top of the vines. Very tall grower.
6—Jackmani superba, like Jack­mani but a somewhat richer color.
7—John Gould Veitch, well shap­ed large flower, light blue.
8—La France, deep, rich, velvety-blue, not a tall grower.
9—Madame Baron Veillard, me­dium large flower, reddish-bil­lace.
10—Madame Edouard André, large flower, approaching white.
11—Mrs. James Bateman, medium­sized flowers, pure white, brown anthers.
12—Romona (Eicholdia) large, bright satiny blue flowers, fine foliage.
13—Staaidus, large, well formed single flowers, bright satiny blue.
14—Ville de Lyon, large flower, one of the best reds, not a free grower.

SMALL FLOWERING VARIETIES

1—Coccinea, thick, bell shaped flowers, the outside vermilion, the inside yellow; grows about 6' high.
2—Davidiana, deep lavender blue, center white; grows about 6'-9' high.
3—(Erecte) pure white flowers, very fragrant, grows 2'-3' high.
4—Ingr Patricia, porcelain blue, grows 2'-3' high.
5—M. Kosser, light rosy lilac, very free, grows 6'-8' high.
6—Montana, white flowers, shaped like an Aconitum, very free.
7—Montana robusta, same as Mon­tana but flowers are light pink. Both grow 10'-15' high.
8—Porcupine, the well known, sweet-scented Clematis, pro­duces a profusion of small, white flowers late in summer. Grows very high.
9—Pitella crispata, small bell­shaped flowers, white, shaded lilac; very fragrant.
10—Pitella kerme1ina, velvety car­mine red, brown anthers.
. . . and now the MODERN NOTE in HARDWARE . . . inspired by the contemporary work of the leading ARCHITECTS and interpreted by RUSSWIN

SMARTLY modern in its decorative design, combining beauty with utility severely expressed and holding no brief for the merely bizarre or garish, Russwin Hardware assures the same years of unfailing service made famous in its previous designs for the classic school. To those envisioned architects who have given to America and the world the newer style of monolith structure, the modernistic skyscraper, Russwin presents its latest creations expressly designed to be in full accord and to lend the final authentic note of today.


See pages 2519-2598 for a catalogue of Russwin Hardware

An unusual example of the modernistic—combining beauty with utility in the use of commercial hardware.
Motor lawn mowers which perpetuate Coldwell's 60-year-old reputation for leadership

The obligation of leadership is to lead. And the new Coldwell Motor Lawn Mowers and Rollers are the outstanding triumph of Coldwell's long sustained leadership. Built to meet the present day demand for economical operation, repair-free service, and superlative mechanical performance. So ruggedly constructed that their stamina and long life are assured. Advanced engineering features establish new and higher standards of work and service. And absolutely dependable!

A wide selection of styles and sizes in Coldwell Lawn Mowers are now on display at your dealer's. There's a model to suit every taste, every lawn, every purse. Prices assure the highest possible value. Demonstration on your own grounds will prove their superiority. Compare the work! Literature descriptive of the full Coldwell Line will be sent on request.

HANDBORNICE

COLDWELL DEPENDABLE LAWN MOWERS

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.
protect the things you love
-the things that make up home

Enclose your home with Cyclone Fence. Appropriate styles for city and suburban residences and estates. Write for free booklet.

© C. F. Co., 1929
Perhaps Your Home has an Undiscovered Room

There is unsuspected joy and rest and healthful, outdoor living, waiting right at your threshold.

All that you need to transform an open lawn or yard into a sheltered "outdoor room" is a rustic enclosure of Dubois Woven Wood Fence. Its gracious protection is an indispensable part of Continental life in town or country, and it has now brought its gift of seclusion to America.

Your summer day breakfast, afternoon tea or supper may now be enjoyed amid the cool fragrance of a tranquil garden, even though the world may be throbbing but a few feet away.

And what peace of mind to read, sew or cultivate your garden, knowing that the children are safely shielded from motor cars and questionable passers-by!

There is only one Dubois fence; you are cautioned against imitations. It is made in France, of live, split chestnut saplings, woven closely together with rust-proof Copperweld wire. It comes in five foot sections, ready to erect, and in three heights: 6'6", 4'11" and 3'10".

Dubois is effective and economical for a multitude of uses; on estates, in suburban communities and for city yards and roof gardens—wherever an artistic barrier or screen is needed.

Write for free Dubois catalog, with photographs of many actual installations and prices. Robert C. Reeves Co., Sole Importers, 101 Park Avenue, New York (Formerly at 187 Water Street)
Plant beautiful Pachysandra where grass won’t grow

The sylvan charm of many Philadelphia Main Line estates . . . the beauty of spacious Brookline grounds is enhanced by Pachysandra. A mantle of luxuriant green covers spots once bare . . . spots in deepest shade where no other plant will thrive.

From Japan came Pachysandra (pronounced Pakasandra) to beautify vast estates, cozy suburban bungalows. Under drooping evergreens, on rain-washed terraces, by driveways it will spread abundant, evergreen foliage 6 to 8 inches high.

Pachysandra conserves ground moisture . . . creates forest soil condition . . . aids in preserving and restoring aging trees. Leading landscape artists use and endorse it.

Due to quantity handling and special methods of culture I can supply large or small quantities at economical prices. Send for illustrated catalog. It gives many uses . . . directions for planting . . . prices.

Pachysandra is a plant, not a seed.

HUGH B. BARCLAY
1301 Montgomery Avenue
Narberth, Pa.

Specialist in Pachysandra and other ground cover plants

“Most Mowing Miles per Dollar”

“With lawn mowers”, says the Old Gardener, “it’s exactly the same as with auto tires. You never know how much they cost until they’re worn out, because there’s no prediction on the price tag about the mileage you’ll get.”

And, if you buy your lawn mower as most people buy tires, you’ll be the famous “Old Gardener” sign in the window of a hardware or seed store guide you to the nationally known value represented by any PENNSYLVANIA Quality brand mower. They are all easy-pushing, long-lasting and actually self-sharpening, and they can always be identified by the easy-pushing STAYTITE Handle.

PENNSYLVANIA LAWN MOWER WORKS
1637 North 33rd Street

Write for free booklet: “Expert Instructions on the Care of the Lawn”

WHEN your plants, flowers or shrubs become troubled by bugs . . . spray them frequently with Wilson’s O. K. Plant Spray, the recognized standard insecticide that kills all the common flower and garden insects. Wilson’s O. K. Plant Spray is highly effective yet clean, non-poisonous and easy to apply. Order a supply to-day!

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 WEEED KILLER is the answer to those obnoxious weeds, poison ivy, etc., . . . simply dilute with water and sprinkle . . . 1 gallon $2.00, 5 gallons $8.00. And then there is Wilson’s RHODY-LIFE, a wonderful soil stimulant (not a fertilizer) for making the soil acid or ideal for growing Rhododendrons, Azaleas, Heather, Forsythia, Lilacs, 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, to correct acidity.

“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.

Dreer’s Timely Garden Topics

Greater Rose Joys
The Dreer “Gold Medal Dozen” of Newer Hardy Everblooming Hybrid Tea Roses

With this “Gold Medal Dozen” Dreer’s inaugurates a new service to give Rose connoisseurs the choicest novelties at once—not later! Here they are, every one tested and proved worthy.

12 Outstanding Novelties For $15

Dame Edith Helen. Brilliant soft pink.

Pink Reader. Lemon yellow with golden-apricot heart.

Lady Florence Stronge. Deep sunflower yellow, splashed with orange-scarlet, reverse suffused carmine. $2.00 each.

Mrs. A. R. Barraclough. Soft carmine-pink; base of petals yellow. $2.00 each.

Rich oriental red, shading to carmine rose. $2.00 each.

Side David Stewart. Deep sunflower yellow, splashed with copper on golden-salmon. $2.00 each.

Prices, any of above, Strong, Two-Year-Old Plants, 50c. each, unless quoted otherwise.

Special Offer We will supply one each of above “Gold Medal Dozen” (a $10.50 value) for $5.00. Most of the Roses offered above are illustrated in full color in the Dreer Garden Book. This also offers, on page 143, the famous “Dreer Dozen” collection at the popular price of $11.00. The Dreer Garden Book remains a dependable counsellor on all phases of gardening. Free, and please mention.

HENRY A. DREER
1306 Spring Garden Street
The end crowns the work! When a Thompson Concealed Lawn Sprinkling System has been specified you know that your architect has planned for your convenience.

You are guaranteed a greener lawn in shorter time—a perpetual saving of gardener hire and water bills—an elimination of further sprinkling expenditures.

You are assured of a lasting beauty to the landscaping—a fit setting for your house.

Thompson Lawn Sprinkling Systems crown the work and give to it that finishing touch so much desired.

Send today for this beautifully illustrated booklet
I am sending a lovely picture from which you can get an idea of what the MILBRADT Power Mower does for you. I have had this machine four years and the 8hp has been very light. Indeed, Joseph Steppig, Box 7, Jolliet, Mo.

**Milbradt Power Lawn Mowers**

2419 N. Tenth St.  
Established 1895  
St. Louis, Mo.

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"Boundary Lines" is packed full of information on the ornamentation and projection of property lines. Your name and address bring it.

**PAGE CHAIN LINK, GALVANIZED OR COPPERWELD ORNAMENTAL WROUGHT IRON FENCE**

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23 Service Plants erect fence everywhere—Chain Link and Wrought Iron fences, gates and Wrought Iron columns for name arches—write today for name and address—Page Fence & Garden Co., Dept. 34, 215 N. Michigan Ave., Chicago, III.

**HOUSE & GARDEN'S BOOKSHELF**

(Continued from page 216)

formed about their merchandise today, and not answer a customer's inquiry, one did in a New York department store: 

"Is that a Duncan Phyfe?" a woman inquired. With a superior smile, came the too ready answer: 

"No, Madam, that is a sewing-table."

The book is illustrated with 23 half-tones, and 69 marginal drawings of feet, legs, arms, ornament, etc., found on pieces of the respective periods. Many a reader will be glad to see just what a bandy leg and a round shoe look like, as illustrated in the margin of this book.

R. L. M.


A 8 IN Macquoid's monumental dictionary of English furnishings, Mr. Wenham treats his subject under the headings of Chairs, Chests, etc., and notes very briefly the development of each article through the different period styles. This short introduction, in each case, is followed by a wealth of illustrative material most welcome even when definite attribution has been impossible, as is often the case, especially with the American pieces. It is important, first of all, that a collection of as many types as are available should be accumulated, and in so doing Mr. Wenham has rendered a distinct service to the subject of furniture design. It remains for more profound research to give us that definite apportioning of decades and even years, in the development of American design, which students of English furniture have already accomplished.

There are the astonishing number of 798 excellent illustrations in this work, 655 of which are confined to single pieces of furniture. Of the remaining 149, 92 are devoted to interiors, 12 to room paneling, 16 to doorways and overmantels, 13 to metal fittings, and 7 to decorative woods.

Mr. Wenham says, in his Introduction: "In preparing this book, I have had in view the efforts of my old friend." And he tells of this "Collector friend" who "added much to his store of knowledge of, as well as to his interest in, old furniture by tracing the development to the various articles used in our present-day homes. He explained that he had accomplished this by making sketches or obtaining photographs of examples of the different periods. Some of the pieces he had found in shops, when he would make a sketch; others he had seen in museums and of these he procured photographs.

Further to illustrate the "persistent relationship between the objects, that afford us comfort, and the architectural designs of our rooms ..." it has been thought the pictures were a preferable medium, for which reason they have been used to the exclusion of text, such descriptive matter as has been deemed necessary accompanying the illustration to which it refers." These ample captions are most acceptable and informative, and we hope Mr. Wenham will collect his examples of English Provincial furniture of which he has been recently writing, and give us equally long captions with each piece.

G. C. G.


E VERY book on Interior Decoration is welcome today, treated from whatever angle, whether from a single viewpoint—as of Furniture, Lighting Fixtures, Rugs, etc., a full study of some one period style, or a comprehensive digest of the entire field as in this Study of Interior Decoration—which is as practical as it is complete. The practical value of the book is foremost, for it is avowedly a textbook; but it is also offered as an aid to those "who seek a helpful, practical guide to decorating and furnishing their homes."

The work is not impartial or impersonal, for the French Directoire style is all but omitted and things Victorian, but for a single exception, sweepingly condemned. The student is led to believe that Portuguese furniture takes precedence over Spanish—a position difficult to maintain in the light of our present knowledge of purely Portuguese work. The waves of the Orient are set aside with the dictum that "they are not easily adaptable to interior decoration." We agree that their adaptation is not easy, and the beginner doubtless needs a word of warning in their use, but Oriental decorative objects are too supremely decorative to be ignored, and are too readily obtainable to be impracticable.

But aside from these occasional personal preferences and interests, the book contains a mass of well assimilated material and, what is more to the purpose, shows a sane and sensible application of such data as are most needed in the work of decoration. The index is excellent—a feature of great moment in such work. The glossary is succinct; the list of books adequate; and very pertinent is the mention of Museums containing industrial art exhibitions, helpful to the student both for photographic source material and as the Mecca for possible travel.

Following "Suggestions to the Teacher" are chapters on Design in Interior Decoration; Historic Design in Interior Decoration; Color in Interior Decoration; Color in Interior Decoration; Main Backgrounds; Decorative Textiles; Window Dressings; Furniture in Ancient and Early Medieval Times; Furniture in Renaissance Italy; Furniture in France and other Continental Countries; Furniture in England, Furniture in America; Renovating Old Furniture; Accessories; Selecting Decorative Furnishings; Furnishing the Home; Continental Period Rooms; English and American Period Rooms; The Training of a Professional Interior Decorator.
THE GARDENER'S SCRAP BOOK

OFF WITH THE MULCHES

EARLY this month, even if the season is late, it is safe to begin removal of the winter mulches from the hardy border and other outdoor plantings. The best plan is to take off a little once a week—or perhaps a third or a half each time. This will prevent sudden temperature shocks to any new growth which may be starting up under the protecting covering and permit the last of the frost to work out of the ground without too much disturbance.

In all mulch removal work, proceed carefully so as not to break the tender growing tips of the plants. These are easily bruised or killed off by a careless rake and more or less disfiguration will naturally follow.

A PROFUSION OF RHODODENDRON

UNLESS one has seen the luxurious growth of Rhododendron in the mountains of North Carolina and Virginia one cannot realize into what magnificent trees these plants can develop. In some public parks and private estates, where the soil is right and suitable varieties have been planted and properly cared for, there are large specimens, but can you imagine Rhododendron arboreum with trunks ten to fifteen feet in circumference, growing in the Himalayan Mountains where it is covered in the spring with a sheet of uncontrollable scarlet-red flowers?

E. André in his delightful book, Plantes de Terre de Bruyères, tells of such trees. He describes the wood as being very fine and dense; it is resisting, very seldom splits and takes a fine polish. The natives use it to make fancy boxes, furniture, household utensils, bowls and even saddles for their yaks. The leaves, large and glistening, are used as plates for the small pieces of butter.
which the natives offer each other at the beginning of each month. André speaks thus of another Rhododendron paradise near Bordeaux, France: “In a beautiful park is a large group of Magnolia, almost a forest of Magnolia, which shelter in their 'odorous shade' (ombra odorante) a large and vigorous family of Rhododendron. Every year they shed their seeds and seed themselves over long distances. They grow and flower without any care.”

A marvelous family, the Rhododendron. The different species grow from the Pyrenees as far as Lapland, in Siberia and Labrador, all over the North American continent, in the mountains of Tibet and the Himalayan Mountains, in Japan, Java, Sumatra and Borneo. But they are not found south of the Equator; they do not grow in Australia, South America or Africa.

SAVING THE LITTLE FELLOWS

Spring work in the herbaceous border and among the shrub plantings is more than likely to disclose chance plants of various sorts that are well worth saving. Most of them will be self-sown seedlings, of course, which escaped notice last season because of their smallness. Others, though, may be off-shoots from established clumps or, in the case of shrubs, perhaps natural layers which have rooted where low drooping branches have happened to lie on the ground.

In many cases these little plants will be crowded if not actually killed off by their much larger parents unless rescued by transplanting them to open ground where they will have a chance to develop normally and unhampered. The time to do such moving is early in the spring so that the youngsters will have a long growing season ahead of them and be able to take their rightful permanent places in the fall.

A Twist of the Wrist Guides It

Landscape Beauty

A beautiful lawn completes the setting of home, clubhouse or factory building. To make the lawn more beautiful as time goes on, frequent and regular cutting are called for. With the Moto-Mower, this is easy—in fact a pleasure. Ease and simplicity of operation, economy and dependability encourage frequent cutting. The Moto-Mower is made in three sizes, 27-inch, 21-inch and 18-inch cuts, the latter at a popular price.

Get further interesting facts and details in our new catalog. Just fill out the coupon below.

The Moto-Mower Company
3249 E. Woodbridge St., Detroit, Michigan

Please send latest catalog to:
Name:
Address:

Send ten cents in stamps for catalogue of 300 numbers
THE GARDENER'S SCRAP BOOK

In the case of seedlings, the transplanting follows familiar rules. Not everyone understands the moving of natural shrub layers, however, so it may not be amiss to say that these are detached from the parent branch just before the rooted portion is reached. A spade or large trowel is then used to lift roots and all as if the bulb was planted, so for the maximum season put the first ones in the ground toward the end of April and make a fresh planting.

GLADS FOR SUCCESSION

Of all the summer-flowering bulbs none enjoys the widespread favor that is accorded to the Gladiolus. Prolific, subject to practically no serious disease, immensely varied in blossom, color and form, of distinctive merit in the garden as well as for cutting, it is universal in its appeal. With all this it is almost fool-proof.

Gladioli will grow anywhere provided they are given fairly good sunlight, moderate richness, especially one that is of a somewhat sandy nature. In such a medium they not only produce their finest flower spikes but also ripen their fresh bulbs most thoroughly. If they are exposed to full sun from morning to night they will thoroughly enjoy the experience.

In the Middle Atlantic States it is perfectly feasible to have an unbroken succession of Gladiolus bloom from early August to the end of September or even later, merely by succession plantings. Most of the bulbs come into flowers about ninety days after the first ones are planted, so for the maximum season put the first ones in the ground toward the end of April and make a fresh planting.
THE GARDENER'S SCRAP BOOK

April, 1929

Climax
ROTARY
Lawn Sprinkler

Here's the most wonderful lawn sprinkler ever offered at the price. Throws water in rain drop formation over a 4 to 30-foot circle. Nothing to wear out or get out of order. Wheel is of aluminum. At most dealers. If yours does not handle it, one will be mailed, postpaid for $1.00. Money back if not satisfied.

THE HAMILTON METAL PRODUCTS CO.
Dept. 16 Hamilton, Ohio

THE GARDENER'S SCRAP BOOK

1929

April

Lawn Sprinkler

GREAT OUTDOOR NOVELTIES

THE MILESTONE NEW ROSE
"TALISMAN"
The Most Brillian Rose Ever Introduced
2 yr. No. 1 Plants, $2.50 each

BEAUTY BUSH
(Rosebud Rose, mobius)
Handsome Pink Flowered Shrub Growth
Strong Pot Planted Plants $1.50

KOREAN BRIDAL WREATH
(Spiraea trichocarpa)
The Great New Spring Blooming Flower
3 to 4 foot Plants, $1.75

Complete catalog on request

CAPE COD NURSERIES
H. V. LAWRENCE
Falmouth, Mass.

Flowing Trees of the Orient
Japan - China

Also a complete general line of nursery stock

EMBOSSED METAL LABELS
Permanent identification for plants and trees now available in small kits. Send for list of 1000 varieties.

WOHLERT, of Narberth Pa.
921 Montgomery Ave.

Beads in six weeks! A rich, velvety stretch of lawn that chokes out weeds before they can grow! With proper care no overseeding is ever necessary. You will have a deep, thick, uniform turf that's everlasting and makes your home a beauty spot. That's what you'll get if you plant Scott's Creeping Bent. The New Super-Lawn

Scott's Creeping Bent for Perfect Lawns!

QUICKLY DESTROYED!

KILLS CUTWORMS in one spray! The Antrol system solves your ant problem permanently and effectively. Ask your dealer for

ANTROL

Kills Garden Pests
The Antrol Laboratories, Inc., Dept. C-3, 611 Imperial Street Los Angeles, California

WHY

One Spray Saves All
3 Poisons in 1

All Round controls a number of cutworms and other garden pests—worms and cutworms, grasshoppers, blue bottle flies, snails and slugs. Formulated in a spray form, it is easy to apply and does not harm the plants. It is perfect for gardens, lawns, and container plants.

ACME

ALL ROUND

SPRAY

Growing Potash Fed Dahlias

Flowering Trees of the Orient

Japan - China

Also a complete general line of nursery stock

July

DEPARTMENT

Not for exhibition or commercial use; the average height of plants as grown at our nurseries: classification, whether garden, flowering, ornamental, or shrubbery; the average height of plants as grown at a nursery; classification, whether garden, exhibition or commercial; the average height of plants of each variety and the size of the space. You will also find new varieties and a new guarantee that this year is given with all Dahliadel introductions. Write today.

O. M. SCOTT & SONS CO.
386 MAIN ST. • MARYSVILLE, OHIO

Keeping Pace With the DAHLIA

becomes a pleasing pastime if one plants Potash Fed Dahlias for this modern method of growing Dahlias insures tubers that are alive with vitality—tubers that will mean more and better blooms.

Our 1929 Catalogue

Containing Potash-Fed Dahlias is now ready and will be mailed

O. M. SCOTT & SONS CO.
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THE GARDENER'S SCRAP BOOK

So, when the garden is first being made, make it deep enough to forestall these drainage troubles. If yours is a deep-soil, sandy region you will probably not need to worry, but anything approaching an impervious layer should be broken up thoroughly and, if extreme, discarded entirely in favor of fresh, good soil. On sloping sites, where the water would show a tendency to flow away, the soil should be prepared eighteen inches deep; in level places, somewhat deeper. These figures are for the majority of herbaceous perennials; for shrubs and trees they should be at least doubled if you want permanent and thoroughly satisfactory results.

FOR TREE TRANSLANTERS

THERE are many of the desirable ornamental trees, both coniferous and deciduous, which require considerable attention to their root systems before they can be transplanted successfully to their permanent places around the grounds. It is their nature to form long, widespread roots which in a natural state are difficult to dig out uninjured after their owners have passed well beyond the seedling stage. Something must be done to correct this tendency and produce a more compact, concentrated system, or there will not be enough active, healthy roots to enable the tree to re-establish itself after being moved.

This desirable condition in the underground parts of a tree is brought about in nurseries by one or more transplantings and root prunings before the stock is sold. Trees collected from the woods and fields, however, must be differently handled to bring about the required root development.

If you contemplate bringing in from the wild one of these difficult trees (the common Red Cedar is one of them and the Sour Gum or Tupelo is another), start work a year ahead. In early spring, as soon as the frost is out of the ground, or in the early

Boxwood

Fun for gardeners in this complete collection for a medium-sized pool.

- Waterlilies - each of 5 Augurst, Reck, Shoemakers, Davonlea, Lone, Mrs. Edwards-Whitaker.
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THE GARDENER'S SCRAP BOOK

fall, take a sharp spade and cut straight down in a circle around the tree so as to sever the lateral roots a short distance from the trunk. For a tree three or four feet high this circle should be about eighteen inches in diameter; a larger specimen needs a wider circle, of course. The depth to which the cut should be made depends upon whether or not it is the nature of the tree to form a long tap-root. For most kinds up to seven or eight feet in height a vertical cut of eight to fifteen inches will suffice.

Having completed this circle, the next step is to dig out the soil outside it enough to enable you to drop the spade to a horizontal position and slide it under the tree at the depth at which the tap-root is to be severed. Then make a series of horizontal cuts around the tree, converging under the trunk and completing the root pruning part of the work. If these under-cuts are made without moving the spade up and down they will leave the tree in its original position with undisturbed soil around its remaining roots.

The last step is to replace the soil which was dug out and leave the tree alone for a year. By that time it will have formed plenty of new, active small roots within the area included by the circle and the undercuts, and can be moved safely.

As has been said, a really sharp spade is needed for this sort of work in order that the roots may be cut cleanly and without bruising or mutilation. A grindstone is the best tool for producing the required cutting edge. Its usefulness really extends far beyond this limited purpose, however, for there is no digging, hoeing or mowing tool which will not benefit by its ministrations.

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The most satisfactory permanent labels. They are inexpensive; no ink used and names are always legible.

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