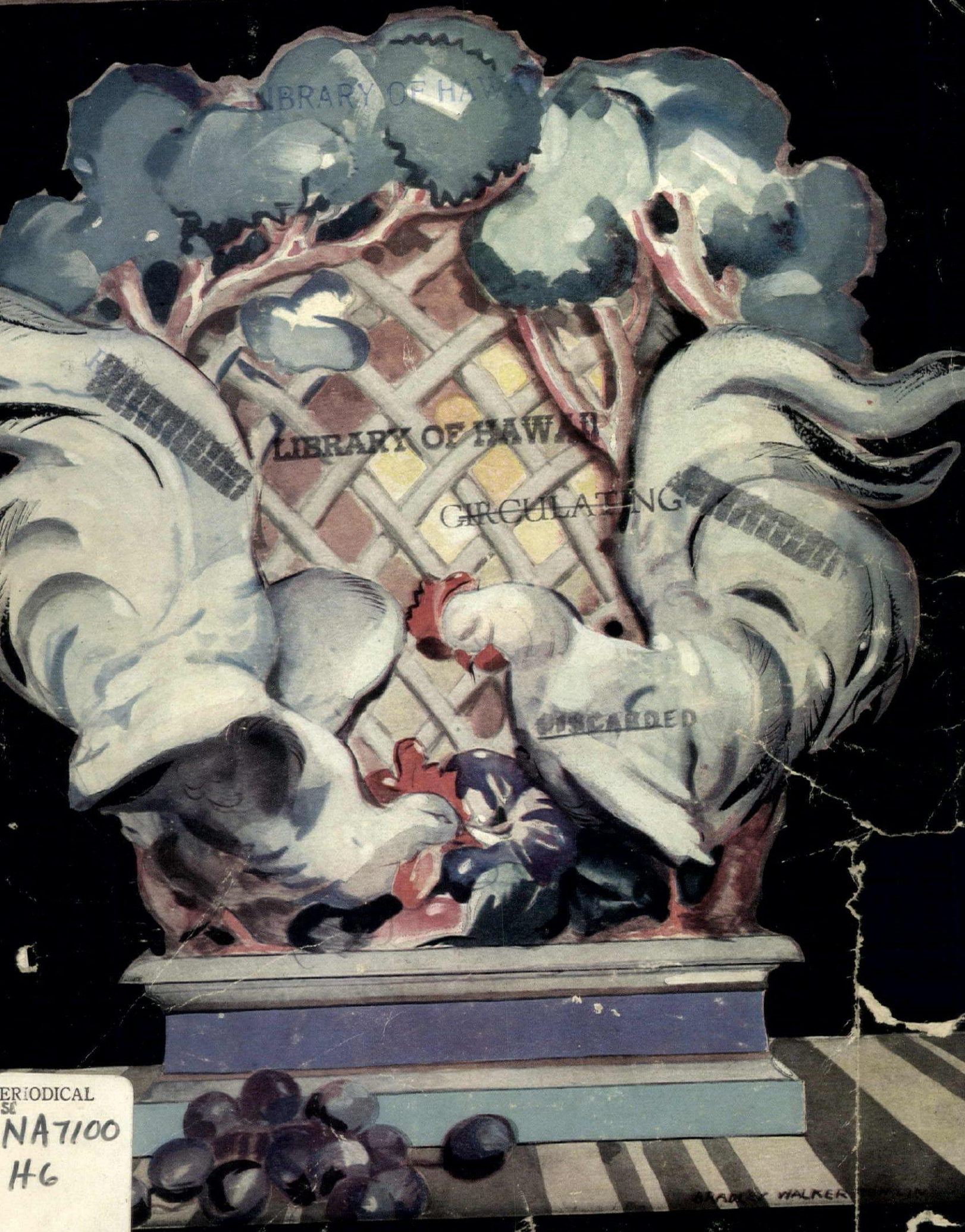


# HOUSE & GARDEN



LIBRARY OF HAWAII

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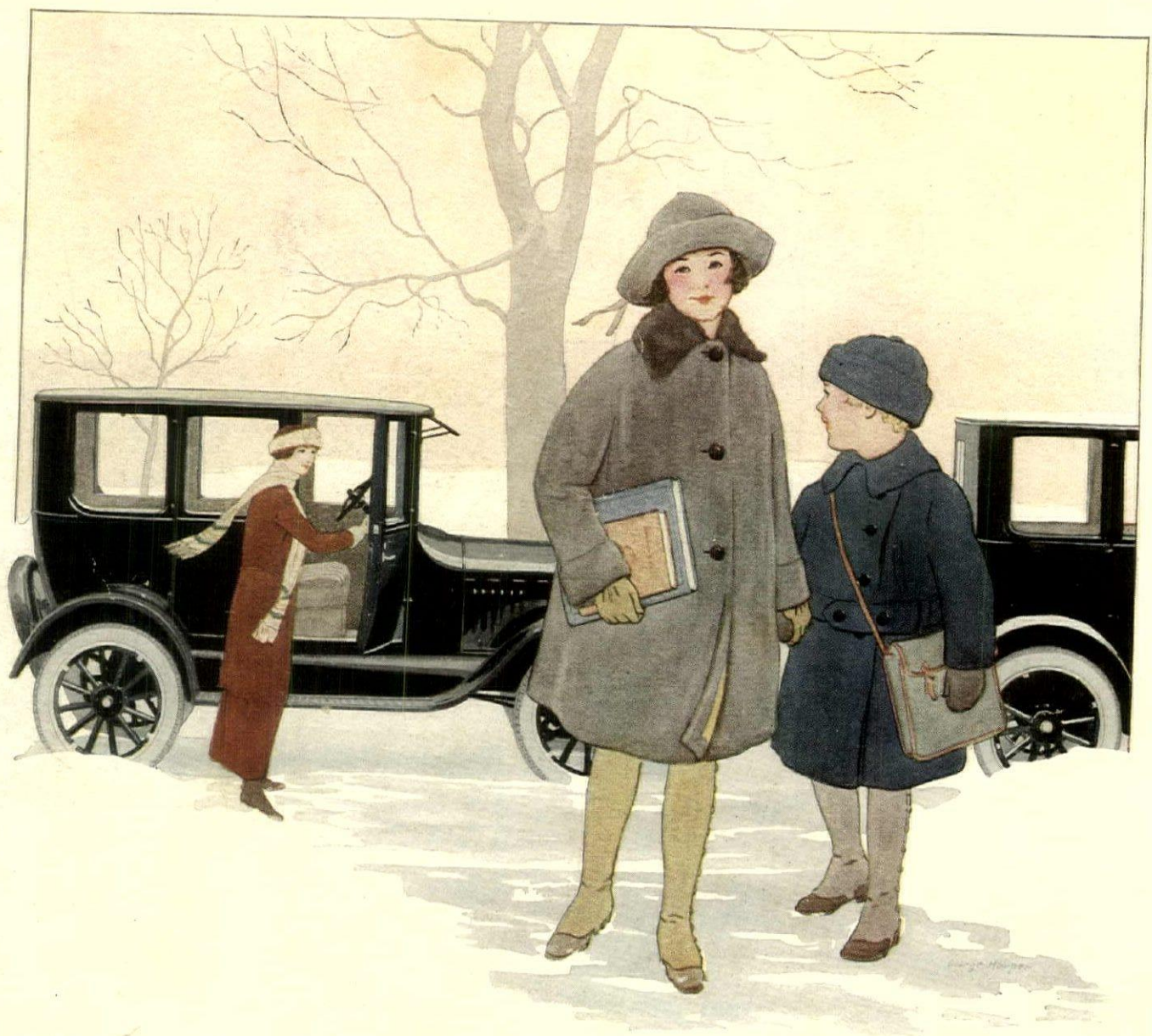
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Furniture Number

35 ct. 3.50



Its ability to contribute to the daily life of her children, as well as to her own, is a feature the modern mother is quick to appreciate in the Ford Four-door Sedan.

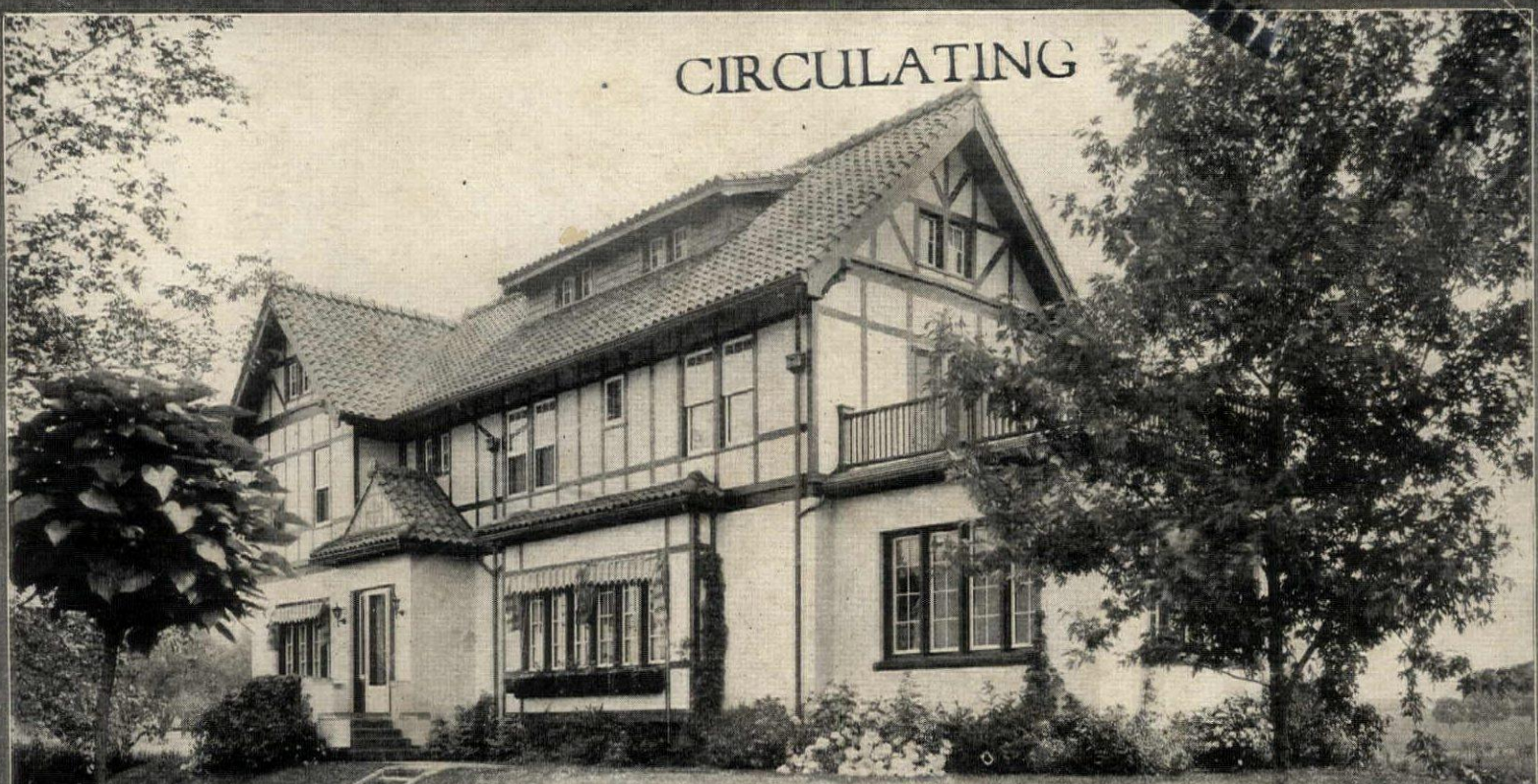
It opens to her a precious participation in their busy affairs. With a Ford Closed Car she can share their good times and yet

hold to the necessary schedule of her day.

She finds in it the qualities she desires most, and at a price extremely low in comparison with its high value. She enjoys driving it herself; and the children look forward eagerly to their rides with mother at the wheel.

*Ford*  
CLOSED CARS

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Bishopric used on exterior

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are Always Proud of

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Their construction is insurance against high upkeep and depreciation, for the life of a Bishopric Stucco home cannot be reckoned by years—it is a matter of generations.

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*Our Service Department is prepared to give you some valuable assistance. Our 44-page booklet Bishopric for all Time and Clime contains interesting suggestions and illustrations. We would be glad to send it to you free of charge.*

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THE final economy of the Face Brick house can be explained in a few words. It costs a little more to build, but it effects big savings every year of its long life. A significant fact for every home-builder! And responsible for the large increase in the number of Face Brick houses built in the last few years. Before you build, read "The Story of Brick." For your copy, address American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.

### Booklets you ought to have:

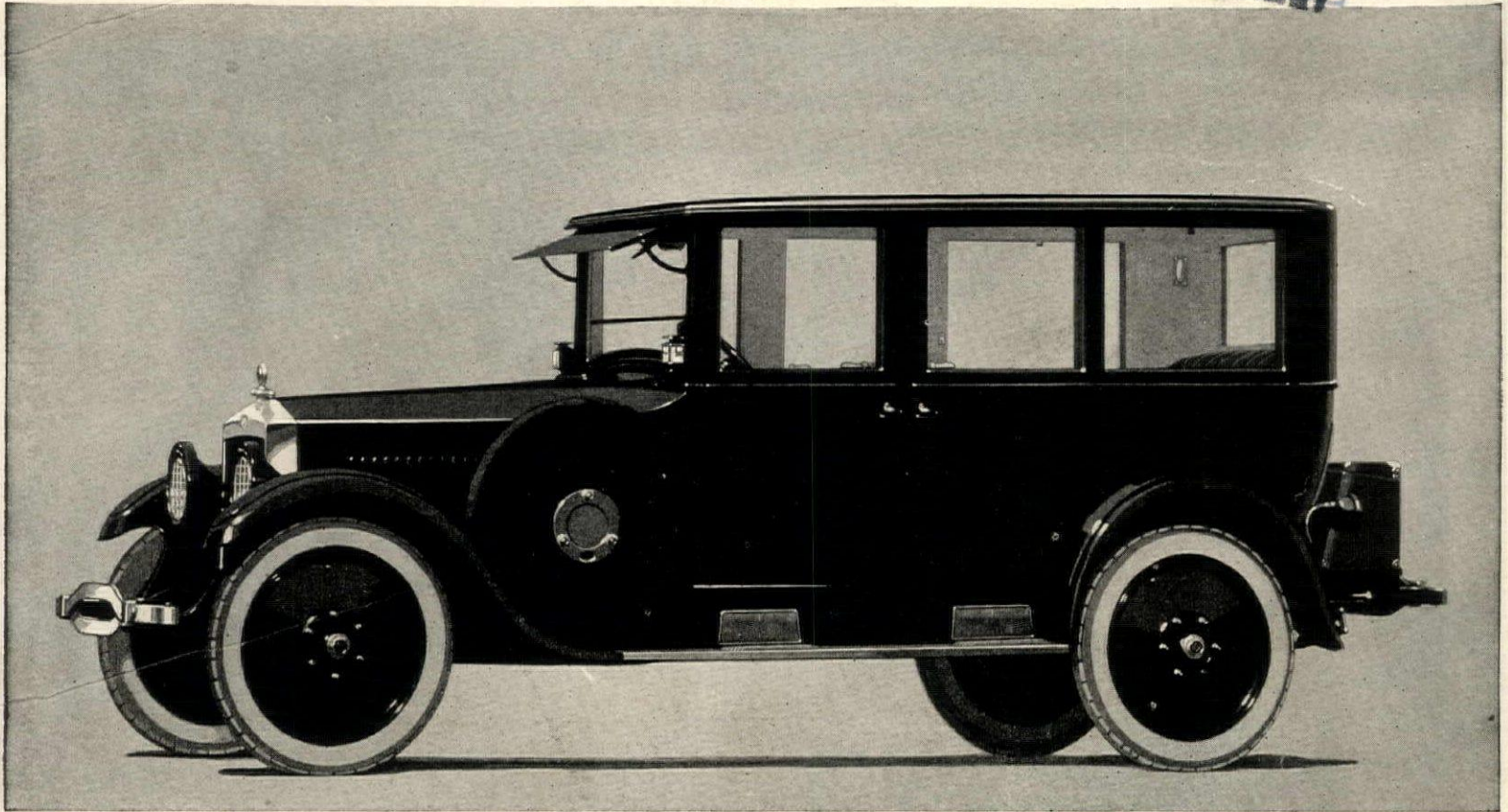
"*The Story of Brick*," a most artistic, illustrated book with indispensable information for anyone thinking of building. So interesting that it is used as a reader in a number of schools. Sent free. "Invaluable to home-builders. Information well worth \$5.00," says one of hundreds of enthusiastic readers.

"*Face Brick Bungalow and Small House Plans*" embrace 96 designs of Face Brick bungalows and small houses. They are issued in four booklets, 3 to 4-room houses, 5-room houses, 6-room houses, and 7 to 8-room houses. The entire set for one dollar; any one of the books, 25 cents. Please send stamps or money order. "I would not part with them for a hundred times their

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THE SERIES 24 STUDEBAKER BIG-SIX SEDAN \$2685

# STUDEBAKER



*Partial List of Equipment of Big-Six Sedan*

Two extra disc wheels complete with cord tires, tubes and tire covers. Handsome nickel-plated bumpers, front and rear. Commodious trunk. Automatic windshield cleaner, rear-view mirror and glare-proof, glass visor.

Courtesy light, coach lamps, dome and rear corner reading lights and combination stop-and-tail light. Motometer with lock and ornamental radiator cap.

Aluminum-bound running boards with corrugated rubber mats and step pads. Aluminum kick plates. Heater, vanity case, smoking set and flower vase. Snubbers. Jeweled eight-day clock. Upholstery finest quality Chase mohair, made from the silky fleece of the Angora goat.

THE consensus of opinion among motor experts and owner-drivers is that the Studebaker Big-Six Sedan embodies all that is best in motor car design and construction.

Its handsome body has a charm for those who love motor car beauty and smartness. Its high quality of material and perfection of workmanship appeal to all who demand intrinsic fineness. And its great resources of quiet, smooth-flowing power have a genuine thrill for

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No car is more dependable, more comfortable, or freer from repairs. None is more durable or easier to handle. And none enjoys higher re-sale value in proportion to its selling price.

There's nothing experimental about the Big-Six. Every unit has proved its value in the public use. Its reputation has been won on merit. No wonder every Big-Six sells another!

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Sedan..... 1485	Sedan..... 1985	Sedan..... 2685

Prices Subject to Change Without Notice

# STUDEBAKER

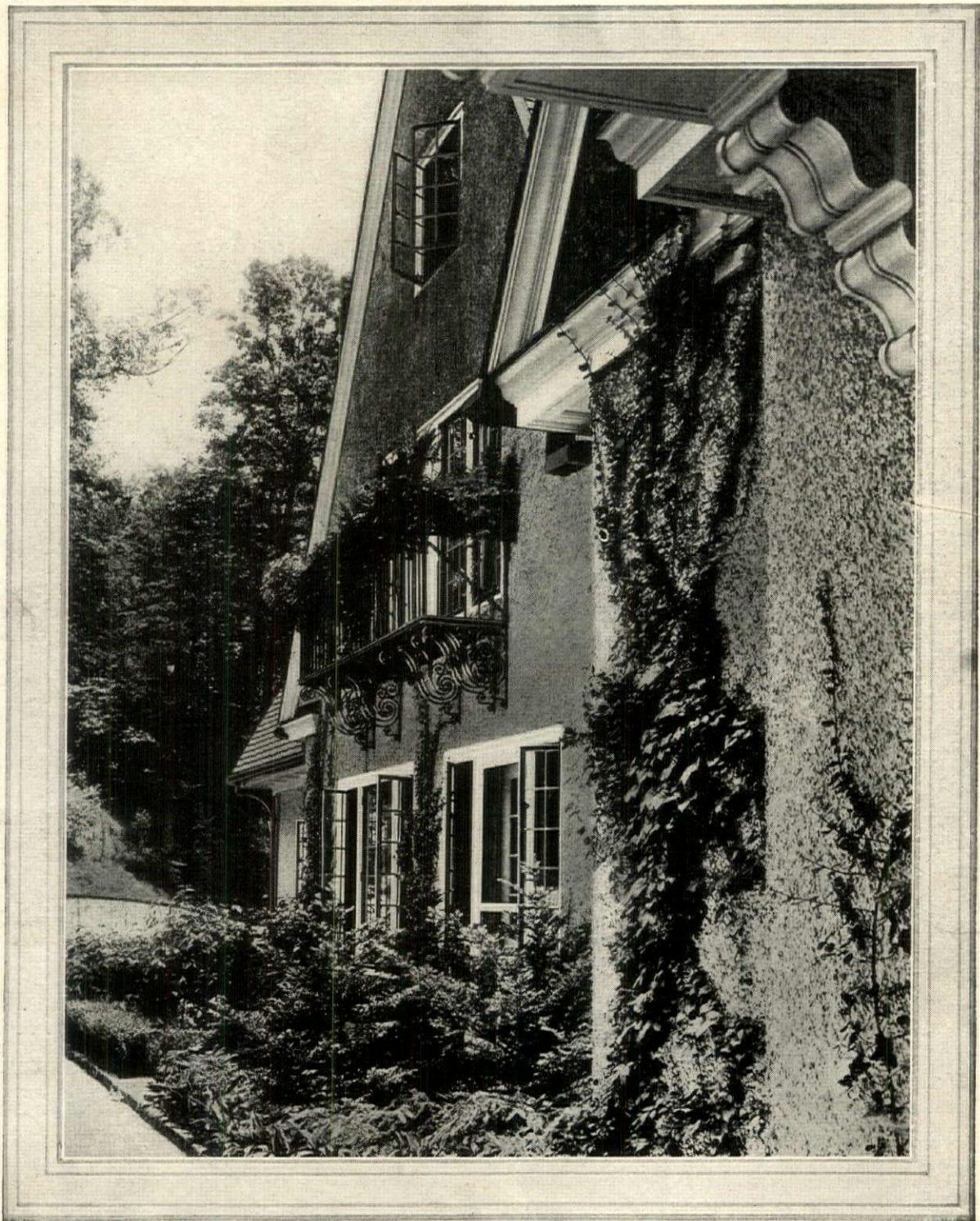
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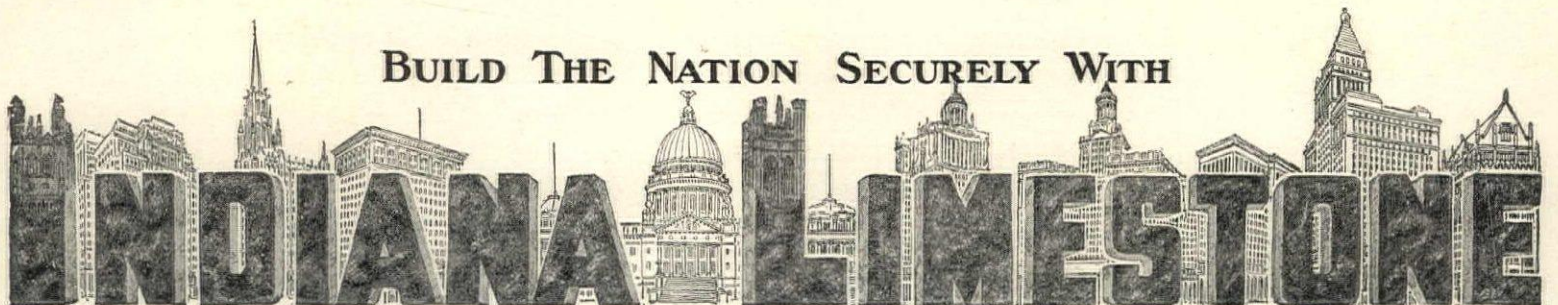
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# SOHMER



A room in the Pinacoteca, Citta Di Castello, Italy (1260 A. D.) exemplifying the complete harmony of line in the modern Sohmer Piano with the characteristic motif of the Italian Renaissance.

Florentine Model

## FINE PIANOS THAT ARE FINE FURNITURE



A Reproducing Grand in the Florentine Manner

THE PIANO is essentially the musical instrument of the home. The home is incomplete without it. Ofttimes it is the most costly object in the home. Until now, however, no attempt has been made to give to its encasements the characteristics of fine furniture.

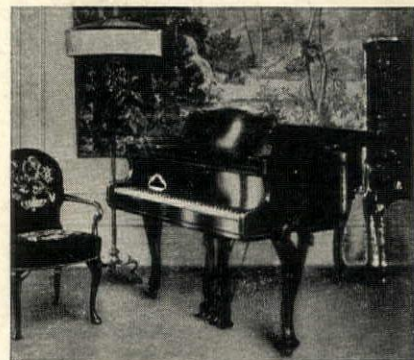
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A Cupid Grand in the Queen Anne Period

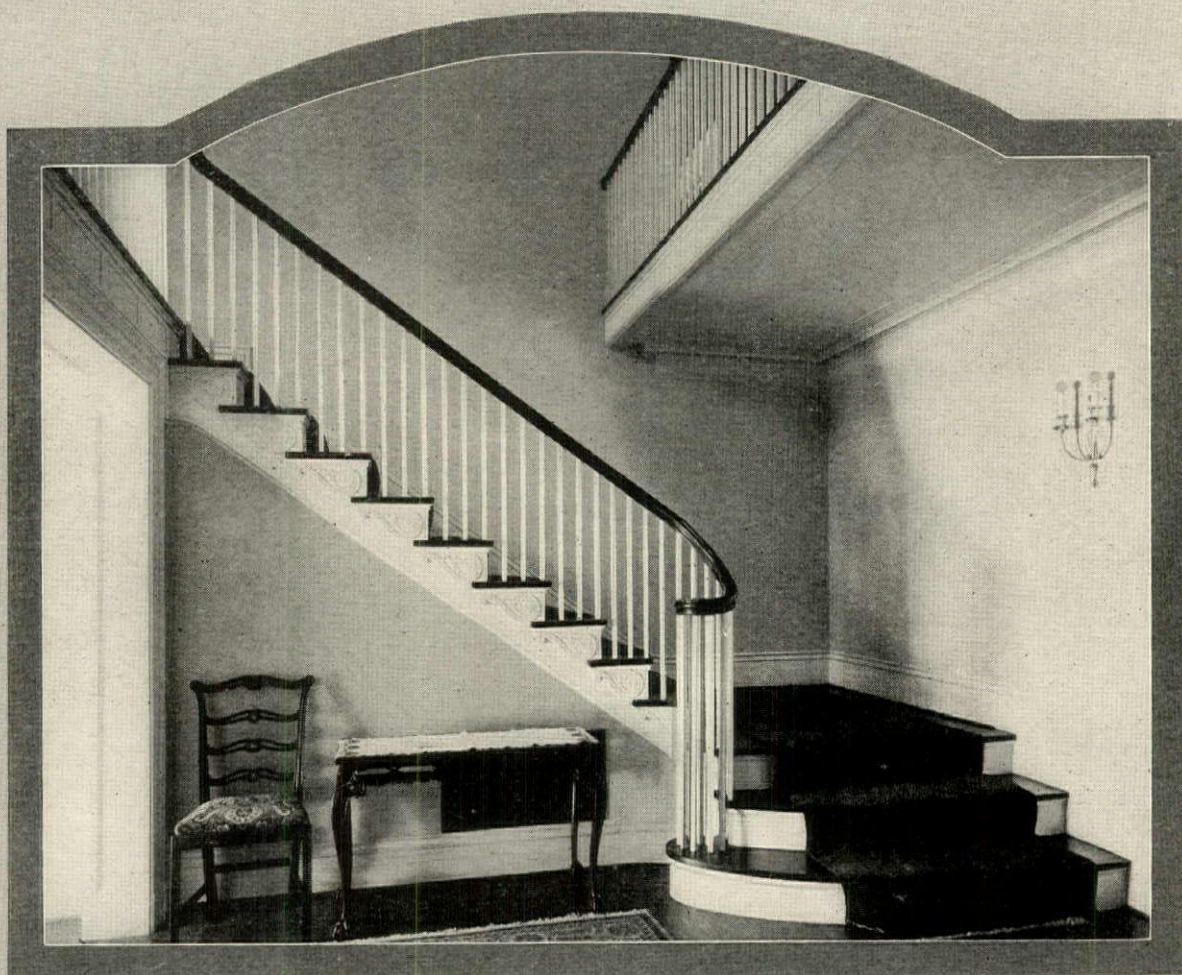


A Grand faithfully portraying the Jacobean Motif



The Cupid Grand in Pembroke Design

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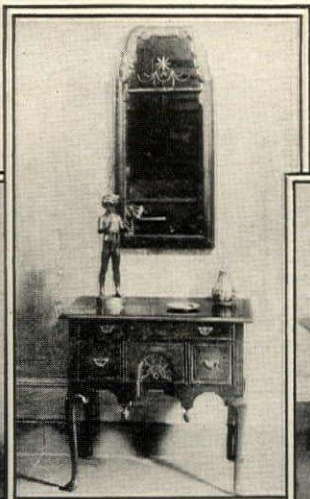
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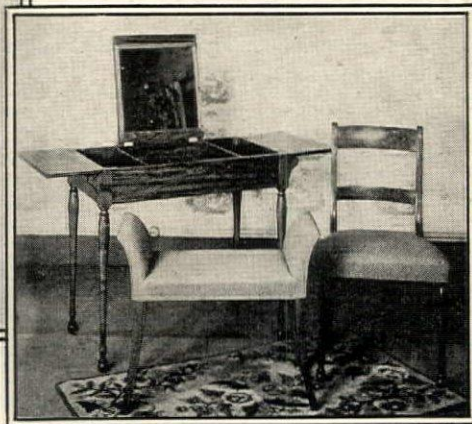
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A Curly Maple Secretary



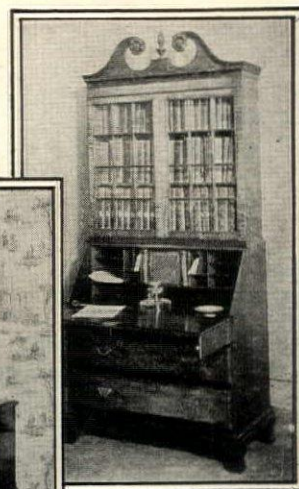
Queen Anne Lowboy



Charleston Vanity Table



Maple Low Desk



Essex Desk

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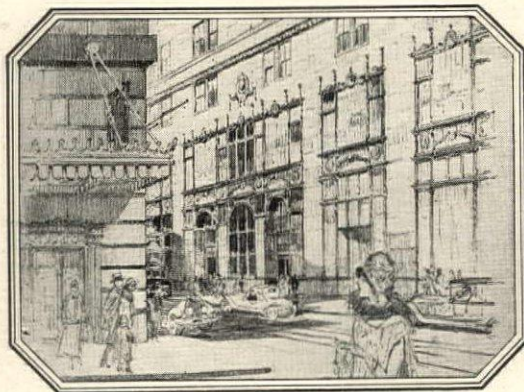
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There is now a style of Copper roof for every house—Copper Standing Seam, Copper Shingle, Copper Spanish Tile, Copper Batten, Copper Flat Seam. To the beauty of Copper has been added greater utility, whereby the modestly priced house may also enjoy permanent roofing protection, plus beautiful appearance.

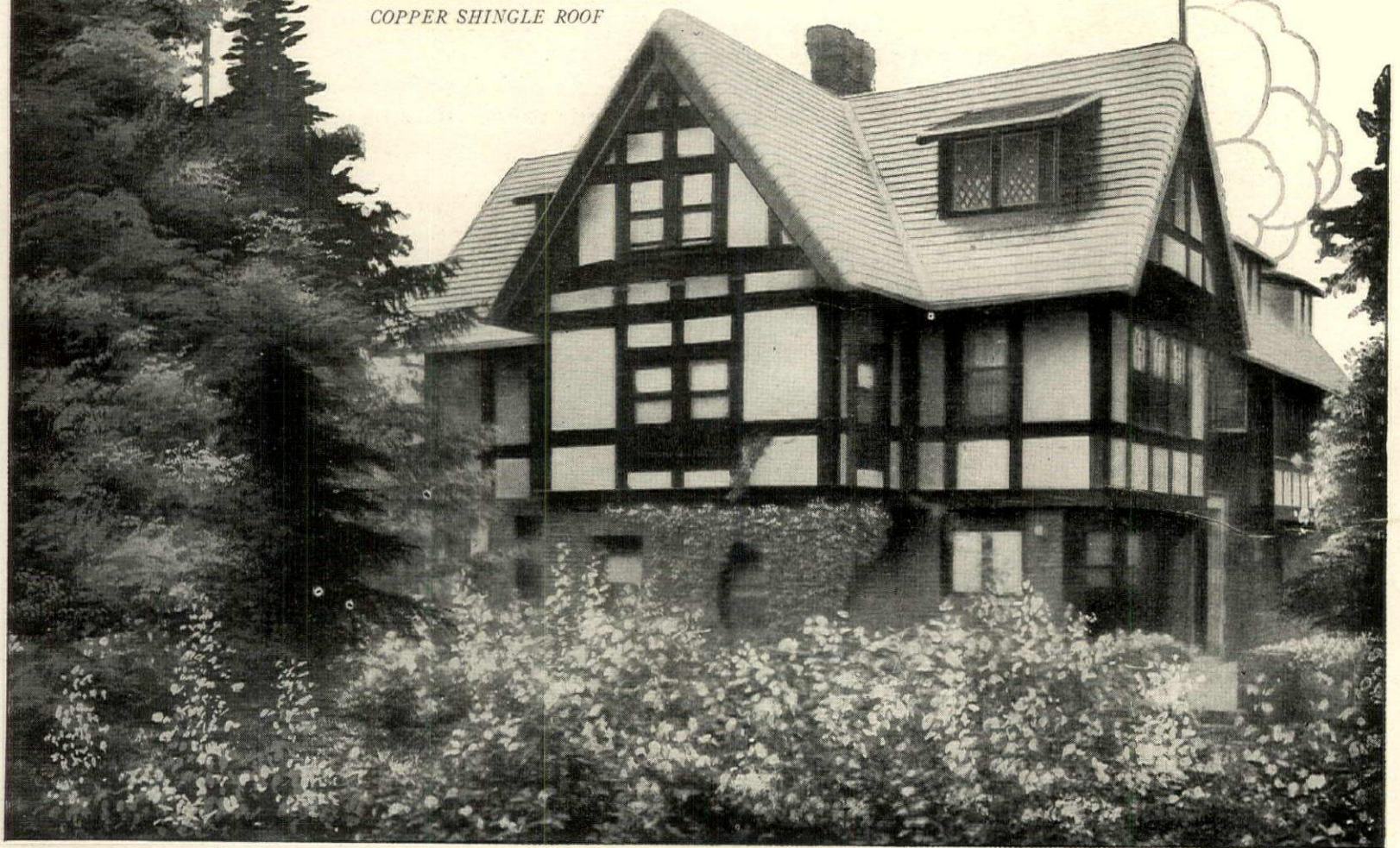
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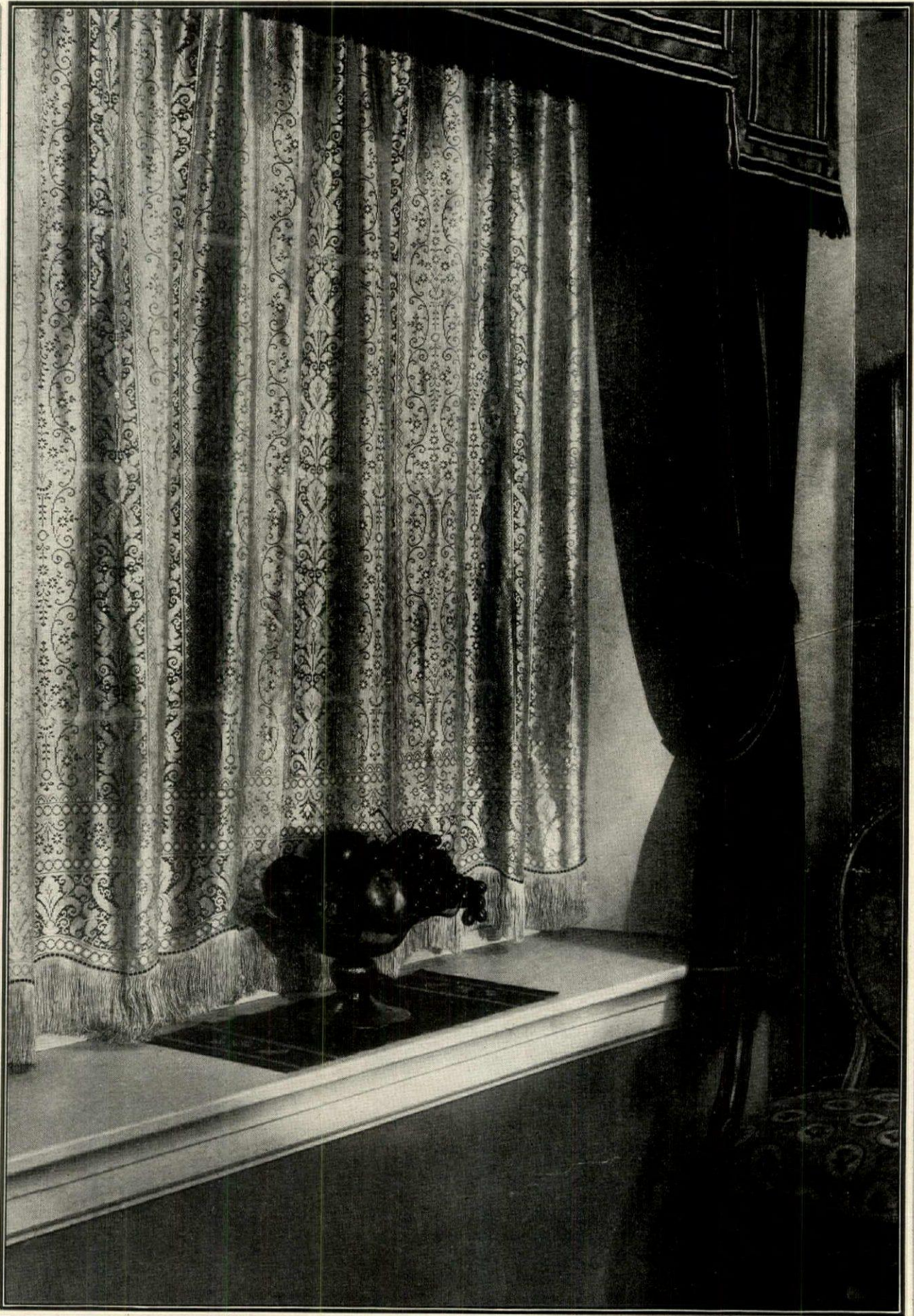
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S C R A N T O N





# New curtains that bring an atmosphere of luxury and charm \* *Scranton Lustre-Lace*

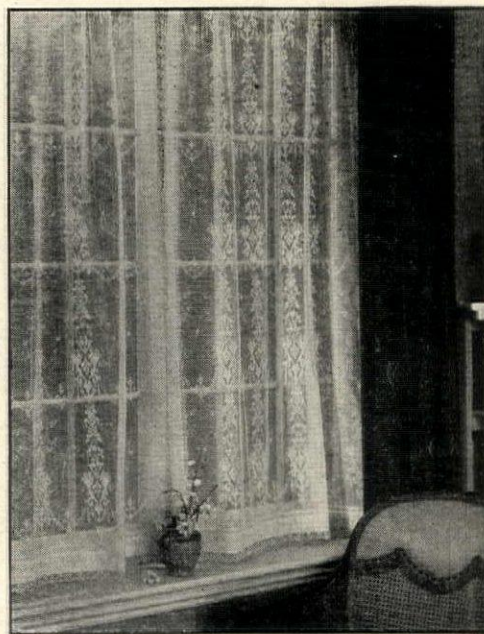
HOW OFTEN have you been in a room that might be charming, yet is somehow all wrong because of curtains that "don't belong"? They seem stiff, graceless and out of harmony with the comfort of livable furniture, well-chosen rugs and unobtrusive walls.

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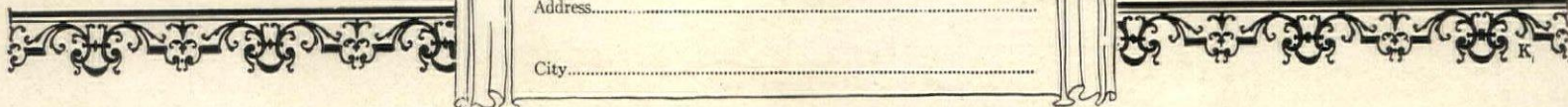
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Please send me without cost the booklets "New Outlooks for Every Home" and "Scranton Bedspreads."

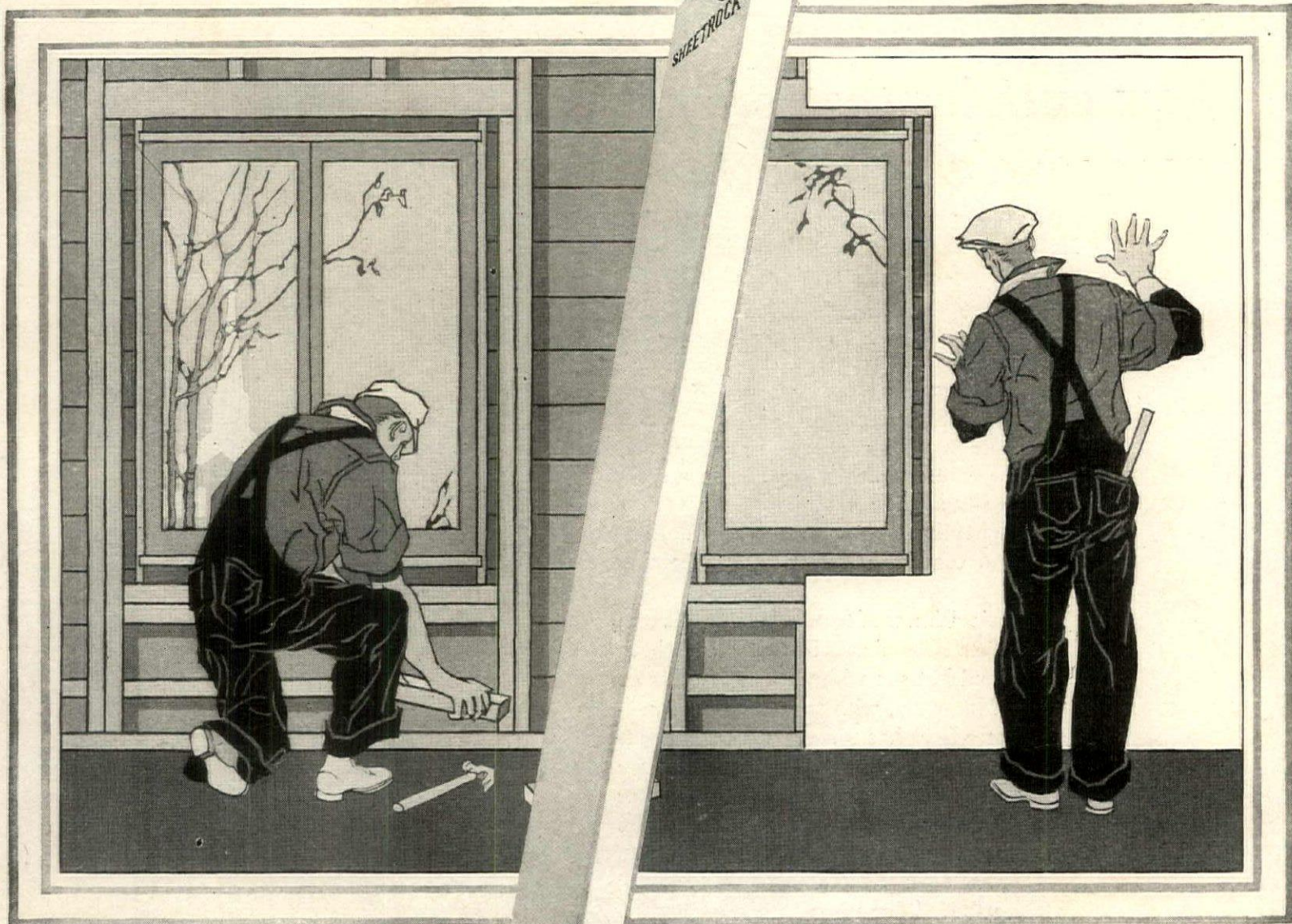
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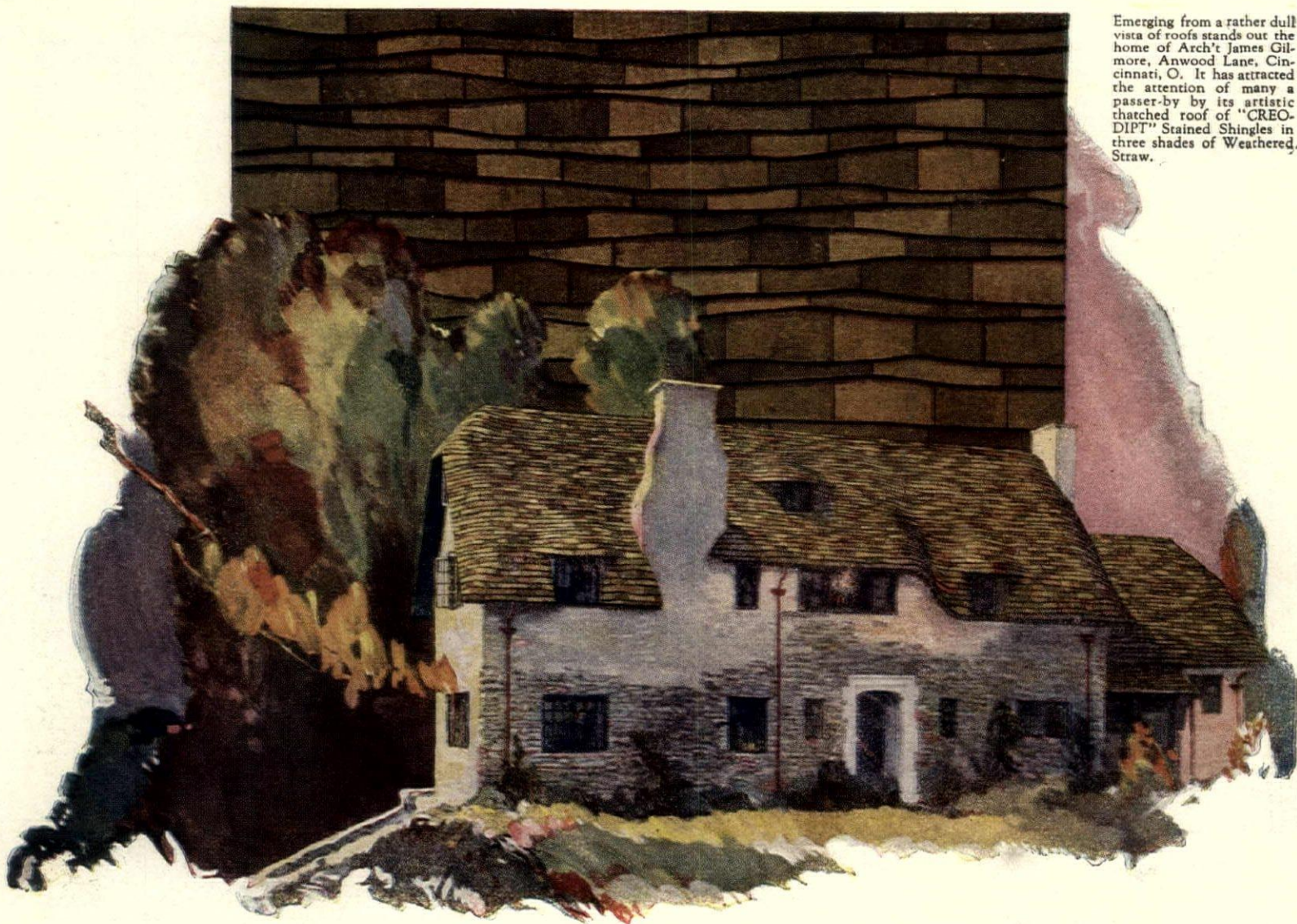
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"CREO-DIPT" stamped upon Every Bundle Binder Indicates Highest Quality.

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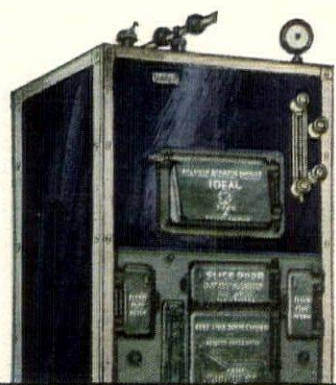
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An unusual roofing color combination of weathered brown, brightened with jade green and tile red, has given a new beauty to the home of Miss R. M. Kavana, Oak Park, Illinois.

When the question of re-roofing came up, Miss Kavana availed herself of this rare color, weathered brown, giving to the roof the mellow tone of English downs in autumn—a touch that enhances the spirit of the whole design. And she has already noticed that weathering actually enriches the beauty of this color.

Weathered brown is found only in the Richardson quarries of Georgia, permanently fixed in slate. Such exclusive color in millions of tiny slate flakes not only gives a roof new beauty but also seals each shingle securely against weather and fire hazards.

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## A super-shingle

The new weathered brown is used only on the Richardson Super-Giant Shingle—a remarkably improved roofing product.

Its greater size (10" x 14") saves you 35% in cost of laying. Its 50% greater thickness makes it last much longer and casts a deeper shadow line on the roof. And its 100% greater stiffness keeps it rigid and firm in all kinds of weather.

Moreover, its inner materials, felt and asphalt, give conclusive evidence of its endurance. Richardson felt, so architects or roofing dealers will tell you, has for fifty years been recognized as the best. And the

asphalt which goes into it is of the highest grade raw materials refined by a special Richardson process.



The Super-Giant Shingle—50% thicker, 100% more rigid, and 35% more economical in cost of laying

## Prove the facts yourself

Go to your nearest dealer in lumber, hardware or building material, or to your contractor, and ask to see the Richardson Super-Giant Shingle in weathered brown. Feel it, weigh it, measure it, note the rare color. Then compare it with ordinary shingles—the difference will convince you.

Meanwhile, send for our beautiful new booklet, *Roofs of Distinction*, showing the exclusive color combinations of Richardson slate surfacing, and containing valuable roofing facts. Or, ask for our booklet *Roofing on the Farm*. Just use the coupon below.

\* \* \*

For every roofing need there is a Richardson product—from Lok-top Asphalt Shingles to Rubbertex Roll Roofing with Pyramid Kaps. If you are an accredited distributor of building materials, perhaps you can secure the Richardson franchise for your territory. Just write us.

The **RICHARDSON COMPANY**  
Lockland (Cincinnati) Ohio

Chicago New Orleans New York City  
Atlanta Dallas

Clip and mail coupon

<p>THE RICHARDSON COMPANY Dept. 38 B, Lockland, Ohio Gentlemen: I am considering roofing for..... ..... (types of buildings)</p> <p>Please send me  <input type="checkbox"/> <i>Roofs of Distinction</i>  <input type="checkbox"/> <i>Roofing on the Farm</i>                  (Check booklet wanted)</p> <p>Name .....</p> <p>Address .....</p>
--

# RICHARDSON ROOFING



Reproduction from a painting in oil of Notre Dame of Maryland, by Frank Swift Chase.

© The D. T. E. Co., Inc., 1924

## Davey Tree Surgeons are local to you!

**I**F YOU live between Boston and Kansas City or in California, Davey Tree Surgeons are near you. While the Davey Company has all the advantage of a large national business, and its experts are always subject to strict organization discipline, yet they actually operate in a local sense. Several squads of these experts live within a short distance of you and serve Davey clients there regularly. They do not come to you from some far off place.

The Davey Company has a permanent representative who lives within easy reach of you, and who is available on short notice. He would like the privilege of examining your trees periodically—without cost to you or any obligation on your part.

Twenty-two thousand people have been served by Davey Tree Surgeons—nearly four thousand of them in 1923. The business of the Davey Company amounted to nearly one million dollars last year. Seventy-five percent of these clients paid less than two hundred dollars each. Whether you have one tree or a thousand trees needing attention, this reliable, expert service is available to you at a standard, reasonable charge.

Davey Tree Surgeons will give you more service per dollar than you can buy from any unskilled or half-trained men—and their work is done right. They are diligent workers—all carefully selected, thoroughly trained, and properly disciplined. You run no risk and take no chance when you engage them—but be sure you get real Davey men.

Do not assume that your trees are all right; Davey Tree Surgeons cannot help you when it is too late. Wire or write nearest office for expert examination.

**THE DAVEY TREE EXPERT CO., Inc., 62 City Bank Bldg., Kent, Ohio**

Branch offices with telephone connections: New York, Astor Trust Bldg., Fifth Ave. and 42nd St.; Boston, Massachusetts Trust Bldg.; Philadelphia, Land Title Bldg.; Baltimore, American Bldg.; Pittsburgh, 331 Fourth Ave.; Buffalo, 110 Franklin St.; Cleveland, Hippodrome Bldg.; Detroit, General Motors Bldg.; Cincinnati, Mercantile Library Bldg.; Chicago, Westminster Bldg.; St. Louis, Arcade Bldg.; Kansas City, Scarritt Bldg.; San Francisco, Hobart Bldg.; Montreal, 252 Laugachitère, West.

Among prominent persons and institutions served by Davey Tree Surgeons are the following:

GEORGE ADE  
W. C. TEAGLE  
W. H. VANDERBILT  
MRS. A. T. HERT  
MRS. HENRY P. DAVISON  
MICHIGAN STATE CAPITOL  
HOLDERNES SCHOOL FOR BOYS  
DENNISON MANUFACTURING CO.  
WHITE MOTOR CO.  
CITY OF PLAINFIELD, N. J.

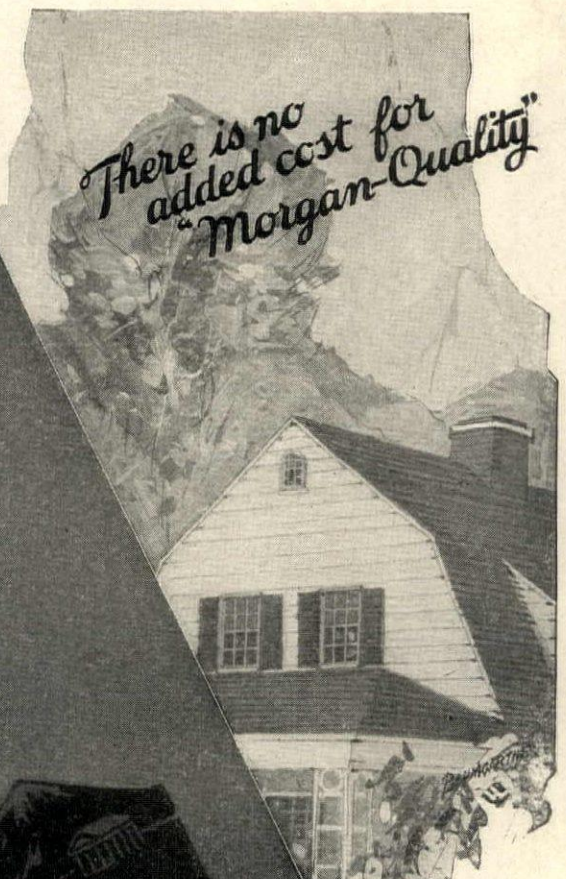
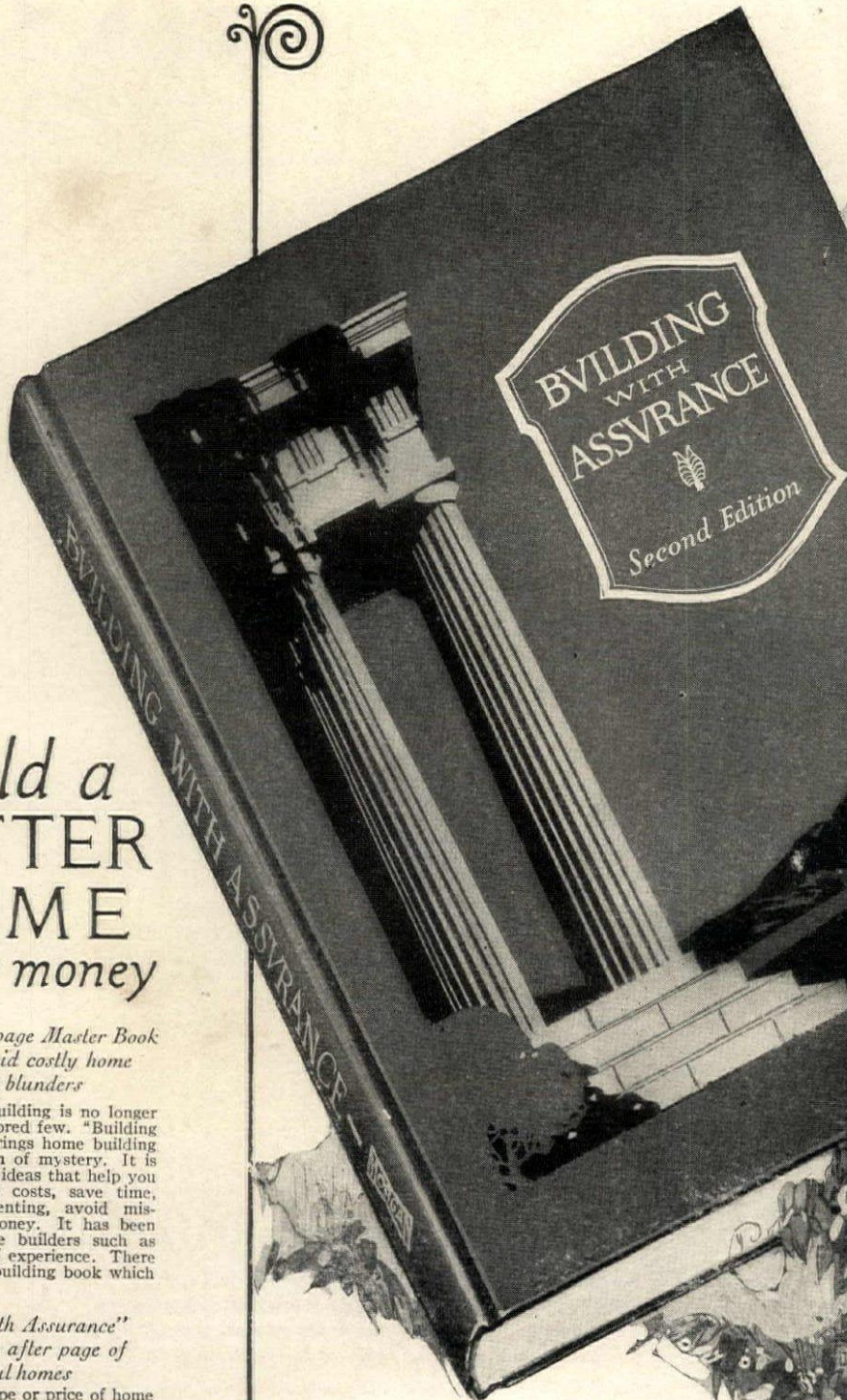


JOHN DAVEY  
Father of Tree Surgery

Reg. U. S. Pat. Off.

# DAVEY TREE SURGEONS

Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. An agreement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm.



Build a  
**BETTER  
HOME**  
for less money

*This great 440-page Master Book helps you avoid costly home building blunders*

Successful home building is no longer restricted to a favored few. "Building with Assurance" brings home building out from the realm of mystery. It is literally filled with ideas that help you reduce waste, cut costs, save time, eliminate experimenting, avoid mistakes and save money. It has been prepared for home builders such as you, after years of experience. There is no other home building book which compares with it.

*"Building with Assurance" contains page after page of beautiful homes*

No matter what type or price of home you have in mind, you will find homes in "Building with Assurance"—Second Edition—that will interest you. There are homes costing \$3,000 to \$50,000. There are French, Spanish, Modern, Western and other bungalows; Georgian, Victorian, Tudor, American, Colonial and other houses. All are shown in beautiful colors, with floor plans. There is the help of authorities on arranging living room, dining room, bedrooms, hall, etc. Also on interior decoration, floor coverings, lighting, heating, plumbing, landscaping, etc. Whether selecting a home site, choosing materials or trying to avoid dreaded "extras," the book gives you practical ideas and methods that guide you right, and save money.

*"Greatest of home building books," say readers*

Home builders who have examined the book are enthusiastic in their praise. They say, for example:

- "Building with Assurance" is a gem.
- "It is truly an achievement."
- "Contains ideas that cannot be bought."
- "A real encyclopedia on building."
- "It is intensely interesting."
- "Means better, prettier homes."
- "Would not part with it for \$50."

Over 15,000 architects, contractors and dealers endorse and use it for daily reference. It gives you inside facts that you need to build successfully.

Mail the coupon today  
for prospectus

"BUILDING with Assurance"—Second Edition—**B** is not for general distribution. It is for earnest home lovers. Our prospectus tells all about it—shows beautiful homes with floor plans, reproduces actual pages, letters from readers, etc. The prospectus is gladly sent to those who mail the coupon.

MORGAN WOODWORK ORGANIZATION



*Home Keeping Hearts are Happiest—MORGAN*

Address nearest office Dept A-2  
Morgan Sash & Door Company, Chicago, Ill.  
Morgan Millwork Co., Baltimore, Md.  
Morgan Company, Oshkosh, Wisconsin

Gentlemen: I am a home lover, so please send me at once a copy of your beautiful prospectus which describes "Building with Assurance"—Second Edition.

**"MORGAN-QUALITY"**  
STANDARDIZED WOODWORK

Name \_\_\_\_\_  
Address \_\_\_\_\_  
Town \_\_\_\_\_ State \_\_\_\_\_  
Business \_\_\_\_\_



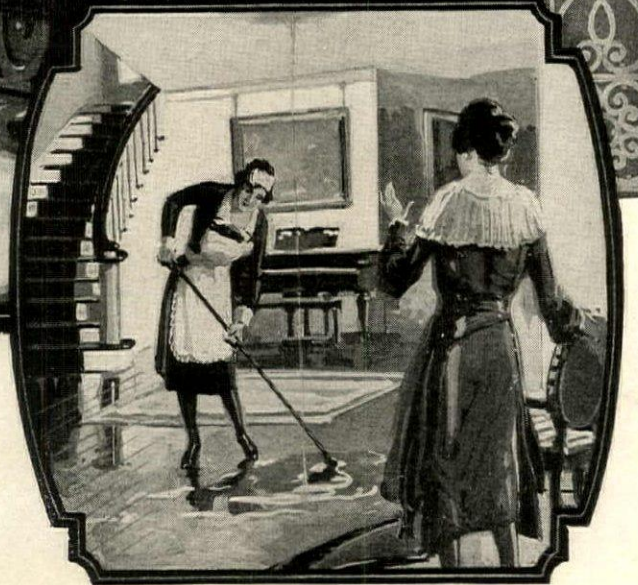
## Pipe corrosion gives no warning

A WINTER'S day, with a Norther howling over a desolate prairie. A pipe on the locomotive has failed. Corrosion, the deadliest enemy of piping, has gotten in its work. The hostlers in the roundhouse could not tell that the pipe was corroded. For corrosion works usually from the *inside*.

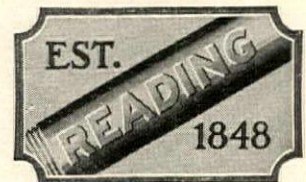
Most of us think of corrosion only after the pipe has gone bad. The time to think of it and guard against it is when installing the pipe. There is but one safeguard against corrosion and that is a pipe which resists the gnawing action of rust.

Reading Genuine Wrought Iron Pipe offers two to three times greater resistance to corrosion than does steel pipe. Reading's life is two to three times longer. Its "per year" cost is one-half to one-third of the price you would pay for steel.

The ever-increasing use of Reading Pipe in industry and in the home is saving millions of dollars annually. For public utilities this dependable piping means more dependable, more efficient, more economical operation. In manufacturing plants it is preventing serious losses from water damage and interrupted production. It is guarding thousands of homes against repair bills for ruined ceilings, walls, furnishings and floors.



If you are thinking of building, remodeling or pipe replacement specify "Reading" — the pipe that endures. Send for "The Ultimate Cost," a booklet that proves why *first cost* should be the last consideration in pipe buying.



*'Reading on Every Length'*

# READING

GUARANTEED GENUINE

# WROUGHT IRON PIPE

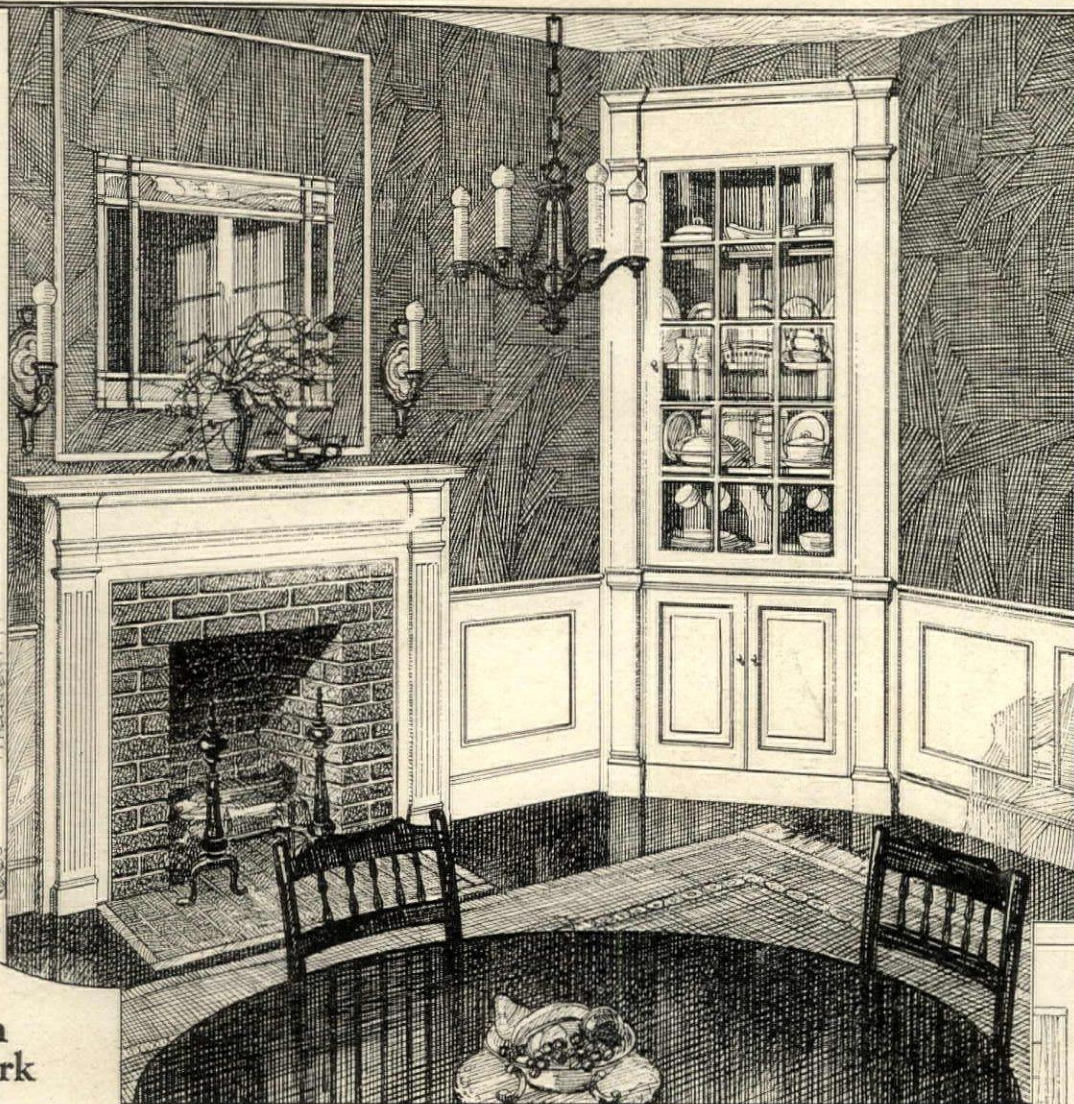
READING IRON COMPANY  
READING, PA.

*World's Largest Makers of Genuine Wrought Iron Pipe*

BOSTON	BALTIMORE	CHICAGO
NEW YORK	PITTSBURGH	SEATTLE
PHILADFLPHIA	CINCINNATI	LOS ANGELES



# CURTIS WOODWORK



## Built-In Woodwork by Curtis

Note in the picture how the mantel C-617 and Corner China Closet C-701 dominate and individualize the dining room. . . . Curtis cabinet work has long been known for the lock-mitred joint construction which holds like a bird's-claw grip. Wherever used it obviates the use of nails in the face of cabinet work, and therefore eliminates putty-filled nail holes which mar the surfaces of woodwork. It also avoids the ugly contrast between flat-grained and edge-grained wood at the corners and instead makes the corners appear as though they were cut out of a single piece of wood.

Curtis Companies, Incorporated  
Clinton, Iowa

Curtis Bros. & Co.,  
Clinton, Iowa

Curtis & Yale Co.,  
Wausau, Wisconsin

Curtis Sash & Door Co.,  
Sioux City, Iowa

Curtis, Towle & Paine Co.,  
Lincoln, Nebraska

Curtis, Towle & Paine Co.,  
Topeka, Kansas

Curtis-Yale-Holland Co.,  
Minneapolis, Minnesota

Curtis Door & Sash Co.,  
Chicago, Illinois

Curtis Detroit Co.,  
Detroit, Michigan

Sales Offices in  
Pittsburgh New York Baltimore, Md.

## "When we mean to build"

"We first survey the plot, then draw the model;  
"And when we see the figure of the house,  
"Then must we rate the cost". . .  
From King Henry IV., Shakespeare)

Nowadays better homes are being built—better looking and more conveniently arranged.

When you build you will probably select a certain type of architecture—Colonial, Southern, Western, Bungalow or English. You can find excellent designs in any type to suit your building budget. Then you will want the interior to be as well designed as the exterior. And this is where Curtis Woodwork proves its advantages.

### Correctness and Economy

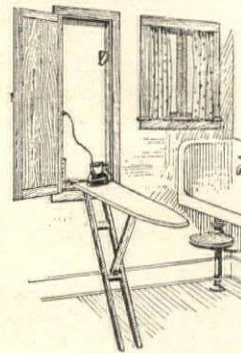
Every piece of Curtis Woodwork has been designed in correct accord with the best types of architecture. More than that, these standardized designs make possible quantity production. This brings about economy in manufacturing cost. Home-builders procure this high quality woodwork at comparatively moderate cost. Curtis standardized woodwork is today the standard of value.

You can be sure of getting Curtis Woodwork as each piece is trademarked. That trademark represents 57 years of honest manufacturing, based on the intent to give you the best possible value dollar for dollar.

### Curtis Trademarked Woodwork

The Curtis trademarked line includes doors, windows, blinds, moldings, stairways, mantels, and many items of permanent or "built-in" furniture, such as china closets, dining alcoves, bookcases, dressing tables, kitchen dressers, ironing boards.

Your architect likes Curtis Woodwork because of its beautiful designs; your contractor because it is delivered on time and in excellent condition; your dealer because it satisfies his most exacting customers.



Curtis Woodwork is identified by the mark at the right. Whatever you buy—sash, doors, moldings or interior woodwork—see that it bears this trademark.

1866  
**CURTIS**

We have prepared a series of Plan Books showing beautiful plans for homes in Colonial, English, Western and Southern architecture. Trowbridge & Ackerman, New York Architects, designed the 5-6-7-8-room houses.

The Curtis Companies Service Bureau  
262 Curtis Building, Clinton, Iowa

Please send copies of your free booklets, checked below, showing  
 Permanent Furniture  Entrances and Exterior Doors

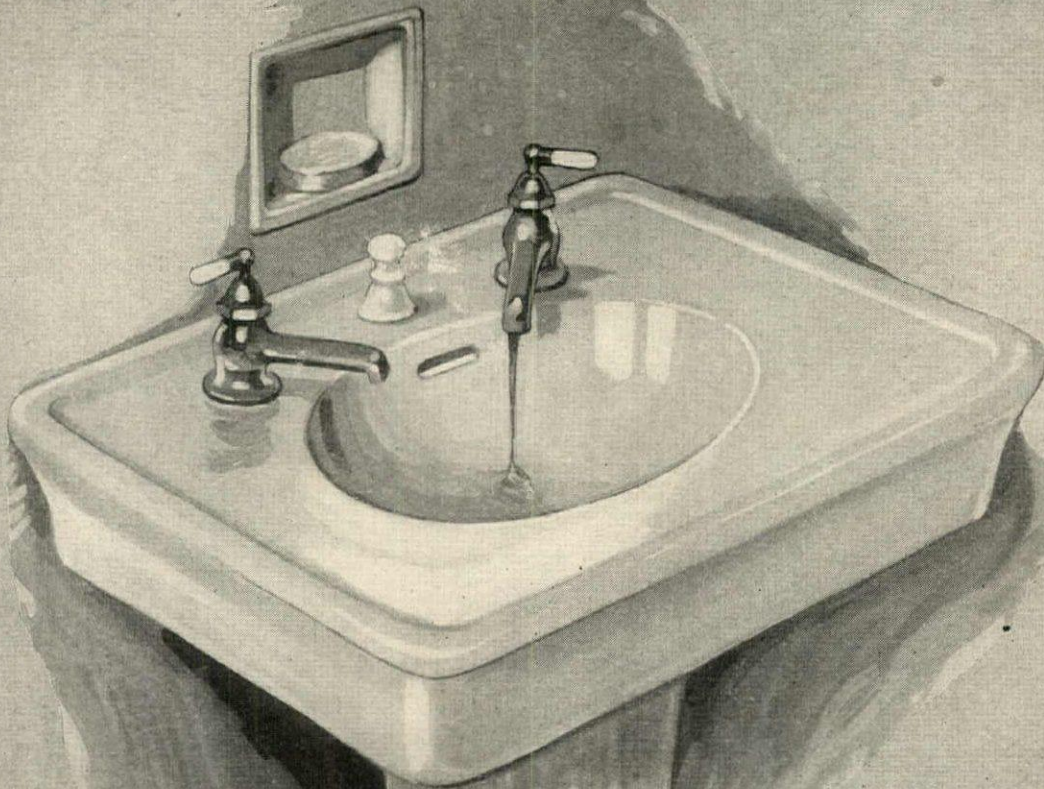
Enclosed find (\$.....). Please send me Plan Books checked. (I enclose \$1 each.)  
 Bungalows  1½ and 2 story houses  5 room  6 room  7 room  8 room houses

Name .....

Address .....

City .....

The Curtis dealer in your community can secure these books FREE if you present this COUPON.



## *A Thin Trickle!*

A thin trickling flow of discolored water is conclusive evidence that the water service pipes are rusting inside, clogging with rust deposits and will eventually develop leaks.

No matter how strong the pressure, it is impossible to get a full, free flow of water from rust-choked pipes.

A house with Anaconda Brass Pipe Plumbing is fitted with healthy "arteries"—to give a full stream of clear, pure water always. It is rustless, corrosion-resisting, enduring. Yet Anaconda Brass Pipe in a \$15,000 residence costs only about \$75 more than corrodible pipe.

Let us send you our new booklet "Ten Years Hence," which tells how to save money on plumbing. It is free. Address Department G.

## THE AMERICAN BRASS COMPANY

GENERAL OFFICES: WATERBURY, CONNECTICUT

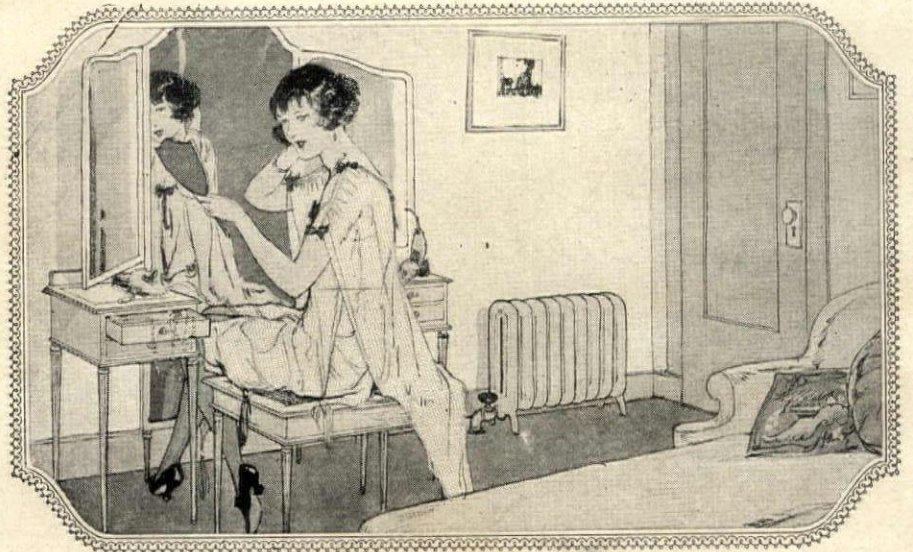
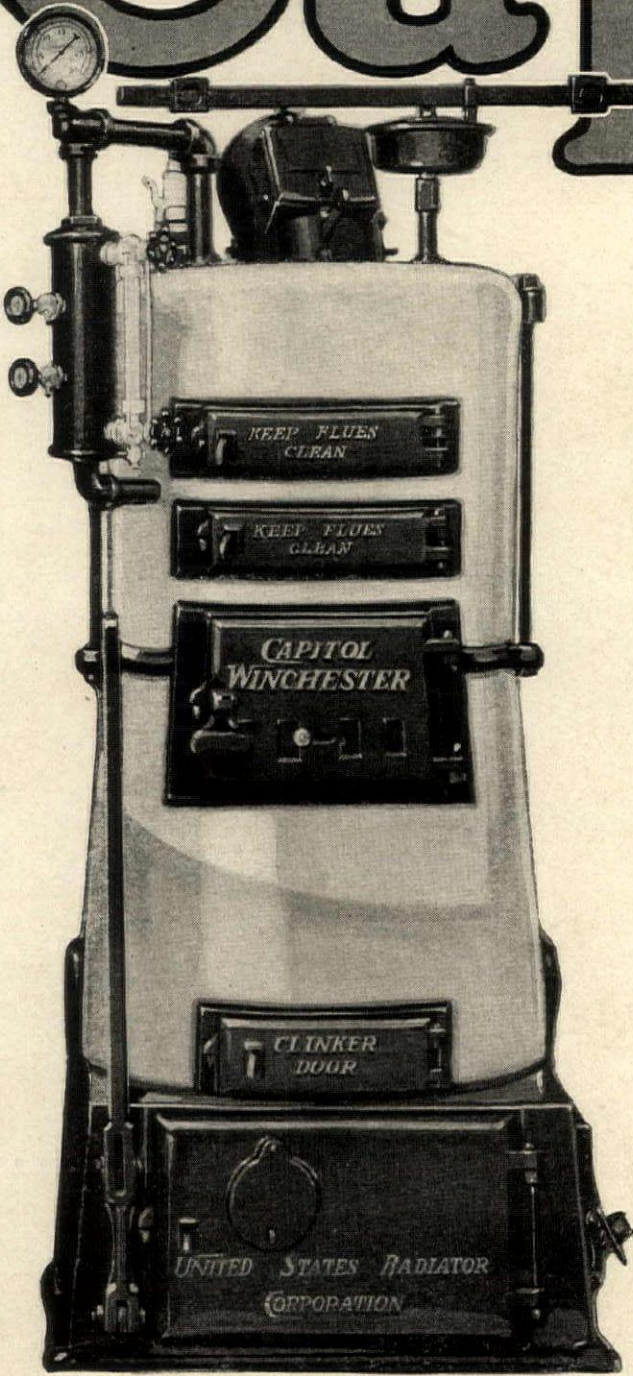
New York, Chicago  
Boston, Philadelphia, Providence  
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Cincinnati, St. Louis, San Francisco



Mills and Factories:  
Ansonia, Conn., Torrington, Conn.  
Waterbury, Conn., Buffalo, N. Y.  
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In Canada: ANACONDA AMERICAN BRASS LIMITED, NEW TORONTO, ONTARIO

# Capitol



There are just two ways to buy heating equipment—on a price basis or on a quality basis.

If you are influenced solely by "price," you must be prepared to accept the entire responsibility of the investment.

If you rely upon Capitol quality, we will very gladly share the responsibility with you. Such has been our policy for thirty years.

**UNITED STATES RADIATOR CORPORATION**  
General Offices, Detroit, Michigan

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# Boilers

# Sleep in a Healthful Airy Room and Keep the Remainder of the House Warm all Hours of the Day and Night

## Chamberlin Inside Door Bottoms Prevent Drafts

### Try This Experiment

Open your bedroom windows. Close the door, then place your hand at the crack between the bottom of the door and floor. Note the draft of cold air which rushes through the crack into the hall.

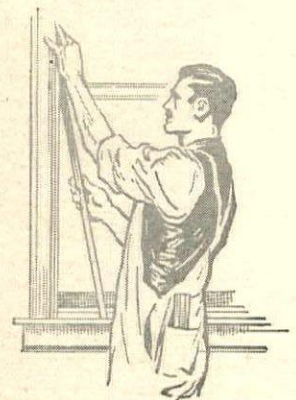
Try this at the attic and basement as well. There will be a draft at each. It goes on all night from bedrooms, constantly from the basement, while warm air escapes to the unused attic. That is why bath and breakfast rooms are almost always cold in the morning. And that explains why the temperature remains too far below normal until 10 or 11 o'clock every day during the winter.



Try This Tomorrow

Detroit, makers of Chamberlin Weather Strips. When installed they are guaranteed for the life of the building.

We gladly furnish free estimates covering the cost of installing weather strips or inside door bottoms or both in your home. Simply mail the coupon. It costs nothing to learn how low the price of early morning comfort and coal saving.



No Fuss or Muss

### Women and Children Suffer Most

Men don't notice this much. They are away usually in a rush. But women and children do. They contract colds—suffer uselessly.

### Inside Door Bottoms End All This

Send the coupon below or write us for an estimate on the cost of equipping your home with inside door bottoms. They seal bedrooms, attics and basements. They are guaranteed to prevent the escape of cold air, dust

and dirt from basements—steam from laundries. They are inexpensive. They operate automatically, are invisible. Do not interfere with rugs or carpets.

Chamberlin Inside Door Bottoms are manufactured and installed by the Chamberlin Weather Strip Co. of

Chamberlin maintains a nation-wide service organization. Chamberlin experts, trained to do their work perfectly—plan, fit, and install all Chamberlin metal weather strips. The work is quick and clean and is done without disturbance to the household.

It is highly specialized work. Special tools are required. Even the best mechanics or carpenters not trained in this specialty cannot make a proper installation.

Because we know Chamberlin installations are made properly we guarantee them for the life of the building

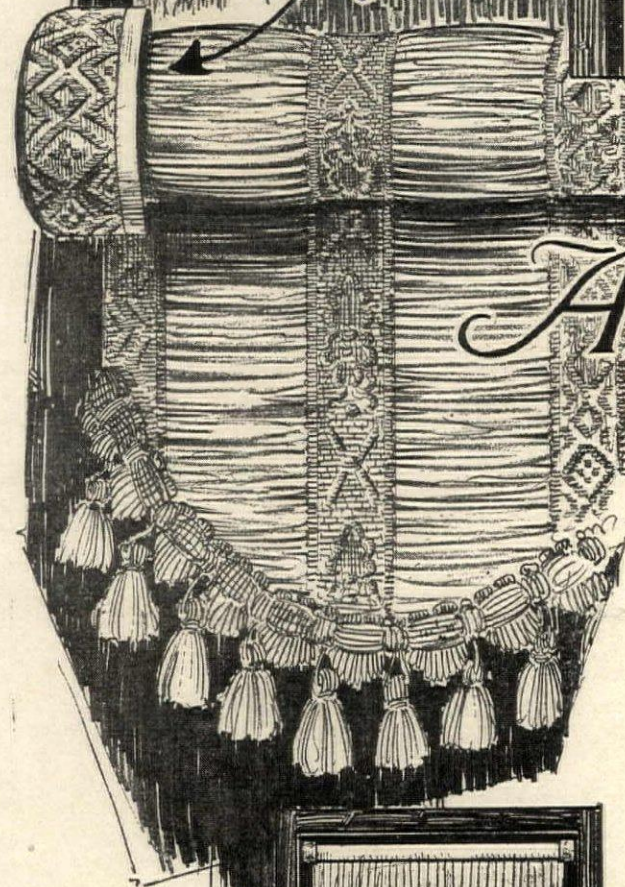
## CHAMBERLIN Metal Weather Strips

Chamberlin Metal Weather Strips are used in most weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments. Don't hesitate to ask for an estimate. The figures submitted will be definite and accurate because they are compiled by men who know every detail of this business.

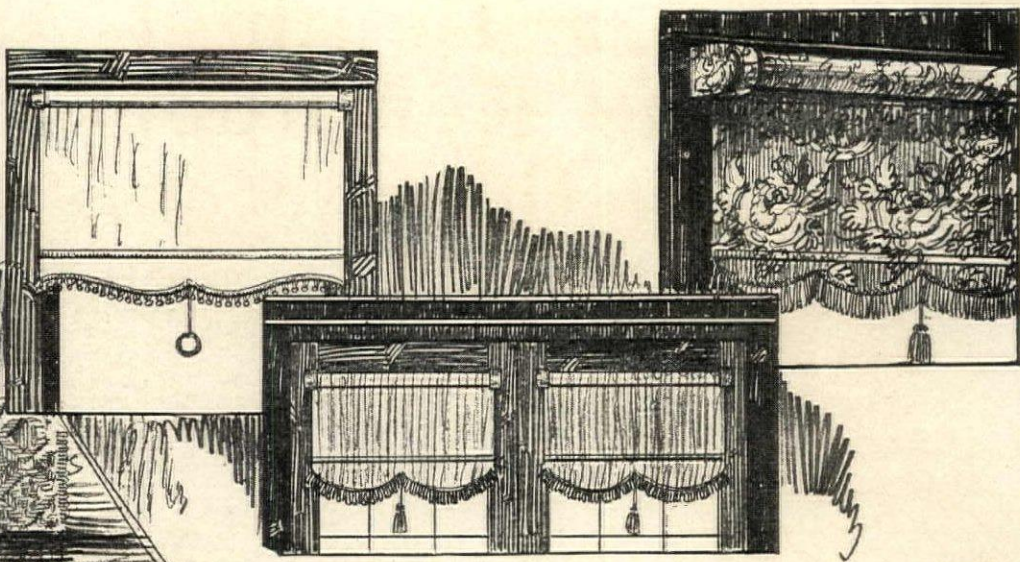
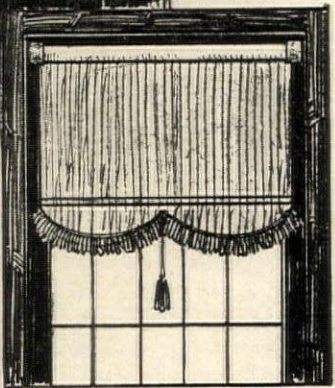
Chamberlin Metal Weather Strip Company, Detroit, Michigan

Chamberlin Metal Weather Strip Co., Detroit, Mich.  
 I would like an estimate covering the cost of installing (check which)  
 Chamberlin Inside Door Bottoms—  
 Chamberlin Metal Weather Strips—In my home — Office Building — Church — Number of Windows—Number of Doors—  
 Name.....  
 Address.....  
 City and State.....  
 Eng. Dept. F-15

*Unsightliness changed to Beauty*



**Kirsch**  
TRADE MARK REGISTERED



# Announcing Kirsch Shade Roller Hoods

*They conceal the unsightly ends and brackets of the window shade roller, giving the window shade a neat, finished appearance*

Have you ever noticed what an unfinished appearance the exposed shade roller ends and brackets make? No matter how expensive the window shade materials, or how artistic, there is one discordant note. The bare and unfinished shade roller ends and brackets spoil the otherwise beautiful appearance of the window shade.

Then study the pictures on this page. Notice how Kirsch Shade Roller Hoods conceal the unsightly shade roller ends and brackets. Interior decorators say Kirsch Shade Roller Hoods supply a long existing need, and pronounce them the most important contribution to artistic window and door decoration in recent years.

Kirsch Shade Roller Hoods are easily attached — are beautifully finished to match the color of your shades — or may be covered by the same material as your art shades.

Kirsch Shade Roller Hoods also protect your dainty lace or silk curtains from being caught and damaged in the operation of the window shade.

Window shades are no longer complete without Kirsch Shade Roller Hoods and brackets.

### Send for the Kirsch Shade Roller Hood Booklet

This booklet pictures and describes in detail window shades in combination with Kirsch Shade Roller Hoods. Illustrates how easily Kirsch Shade Roller Hoods are attached, giving a completely finished effect to the window shade. Clip the coupon as a reminder, right now.

**KIRSCH MFG. CO., 240 Prospect Avenue, Sturgis, Michigan**

*Manufacturers of Kirsch Curtain Rods and Everything Best in Window Draping Accessories*

Kirsch Mfg. Co. of Canada, Ltd., 451 Tecumseh St., Woodstock, Ontario, Canada

# Kirsch Shade Roller Hoods

The exposed shade roller ends and brackets have an unfinished appearance. Kirsch Shade Roller Hoods give window shades a completely finished and artistic appearance.

**free**

**KIRSCH MFG. CO.,  
240 Prospect Avenue,  
Sturgis, Michigan**

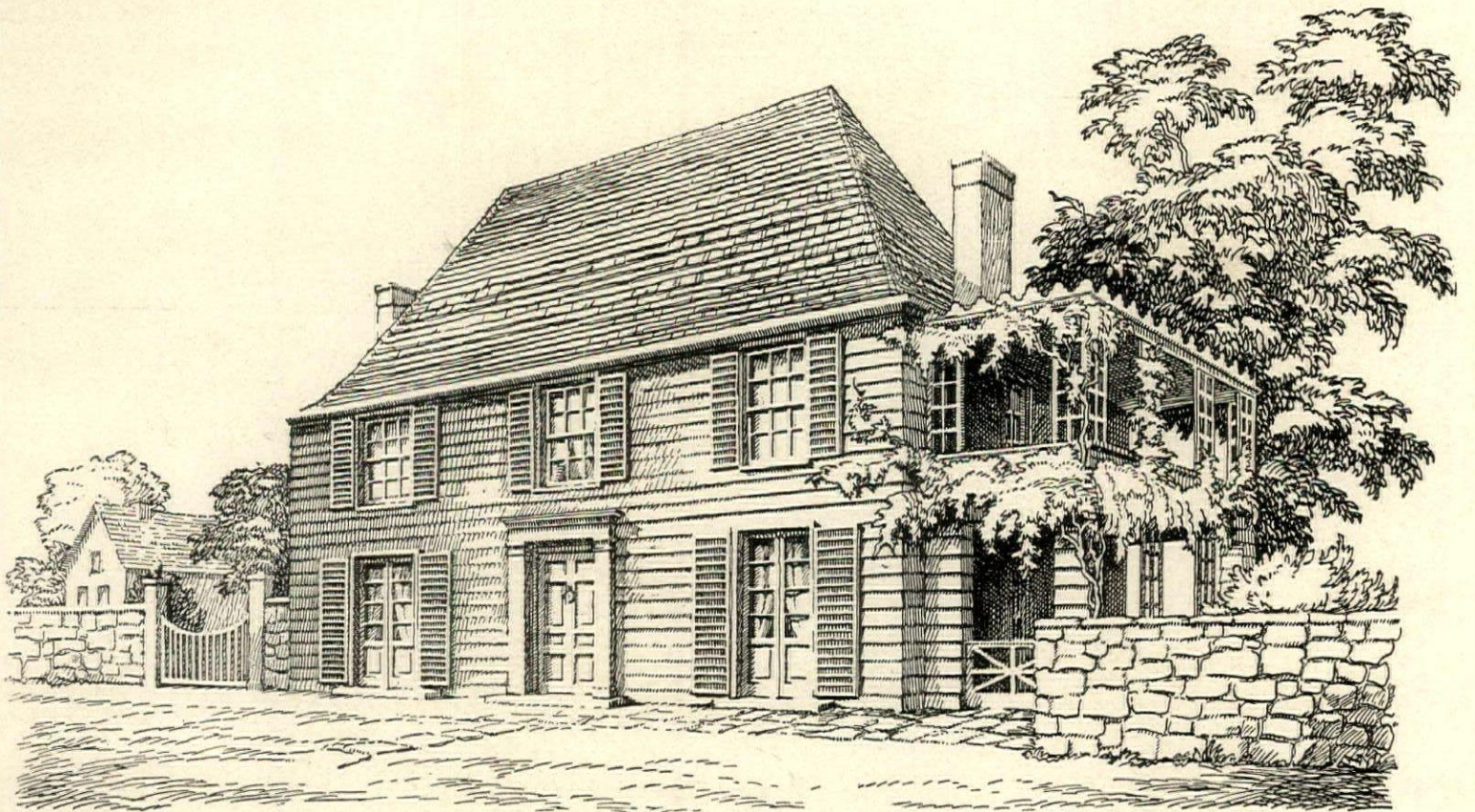
Please send me your illustrated booklet.

Name .....

Address .....

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





## THIS HOUSE IS SHOWN

*in our new de luxe brochure containing eleven other original designs of similar rare beauty*

RECOGNIZING today's trend away from various house types that have become commonplace, we commissioned an architect of exceptionally high qualifications in residential design, to create exclusively for us, a series of twelve houses ranging in size and cost from modest to substantial.

These have been arranged in a 32-page brochure of agreeably large size and artistic quality such as to place it far in advance of contemporary builders' literature. Sufficient space has been provided to allow the architect full latitude in details of perspective drawings and floor plans—an advantage affording the greatest ease in studying interior space and arrangement.

Supplementing these designs and the architect's comments regarding each, is an interesting and

instructive account of *Arkansas Soft Pine* and its many individual advantages to the home builder. There are many helpful hints on construction, mention of common mistakes to be avoided, how to put a beautiful and lasting finish on woodwork and so on. In short it is a refreshingly new (and professional) viewpoint on home building which those seriously interested in building cannot afford to overlook.

The edition will be ready for distribution about April 1st but your order should be sent immediately. The price is One Dollar, postpaid. We will also send you complimentary, on request, a copy of "The Vogue of Painted Woodwork and Arkansas Soft Pine" together with a set of samples showing six beautiful finishes, including the now popular tint enamels. Write now, while the idea is warm.

*Arkansas Soft Pine is a trademarked wood sold by dealers and planing mills East of the Rockies*

# ARKANSAS SOFT PINE BUREAU

274 Boyle Building · Little Rock, Arkansas

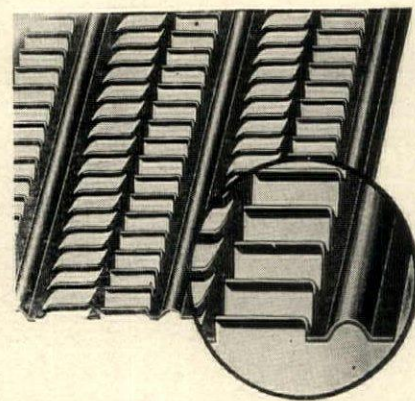




**P**LASTER FAILURE—a tragedy of by-gone days in home construction! In the modern building, walls and ceilings are formed on a trustworthy foundation of MILCOR Stay-Rib Lath—the highest development of expanded metal design. There can be no shrinking, as in the case of wood lath [due to moisture absorbed from the fresh plaster drying away]. And cracks cannot occur because stresses are dissipated equally throughout the expanded metal structure.

In addition to the fireproof and other qualities of ordinary metal lath, *Stay-Rib* embodies features that provide real economies in construction. Because of the rigidity of its ribbed design, it can be erected with wider spacing of supports, saving time, labor and material. It is easily handled, easily erected and is quickly fastened in place with wire, nails, or staples. Its meshes are so formed that in plastering, with the slightest pressure of the trowel, they are completely imbedded. Moreover, because of the amount of flat surface provided, it is practically impossible to force an unnecessary amount of plaster through the mesh to be wasted, as in the case of ordinary metal lath.

If you are planning a new dwelling, the brochure, "Metallic Construction for the Modern Home," will prove both interesting and valuable. Write for your copy today.



MILCOR *Stay-Rib* Lath is designed to have great strength and rigidity without bulk and weight. The correctly spaced ribs provide a stiffness that allows a wider spacing of supports for savings in both material and labor. Its meshes are so formed, that in plastering, with the slightest pressure of the trowel they are completely imbedded. Moreover, because of the amount of flat surface provided, it is practically impossible to force an unnecessary amount of plaster through the mesh to be wasted, as in the case of ordinary metal lath.

MILCOR *Expansion Metal Trim*  
MILCOR *Expansion Corner Bead*  
MILCOR *Expansion Base Screed*

MILCOR *Invisible Picture Molding*  
MILCOR *Netmesh Metal Lath*  
MILCOR *Stay Rib Metal Lath*

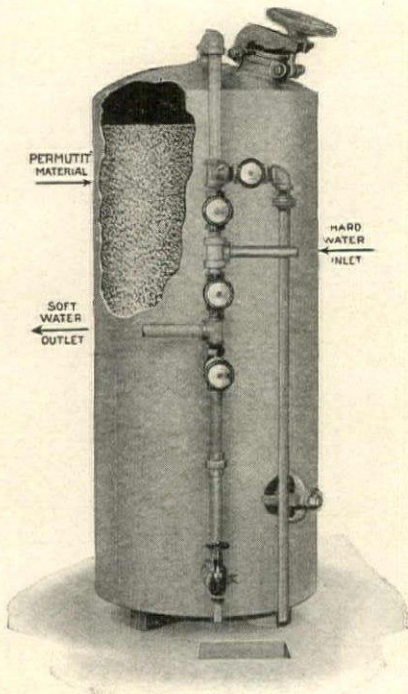
Milwaukee Corrugating Company  
Milwaukee • Kansas City • Minneapolis

# MILCOR

## METALLIC BUILDING PRODUCTS

# Enjoy Soft Water in Your Home

## for bathing and Shampooing



Soft water is an unending delight and comfort in the home. It lathers soap abundantly and is a thorough cleanser and tonic for the skin and scalp, leaving no soap curds in the tubs or on the body. Bathing and shampooing with soft water soothes and invigorates your skin, keeps your scalp pliant and healthy, and your hair lustrous and soft in texture.

You can enjoy soft water in your home, without effort and at slight expense—the Permutit Water Softener connects right into your water supply line, producing delightfully soft water from every faucet for drinking, bathing, shaving, shampooing, washing, cleaning, cooking—in fact, for all purposes.

Our interesting booklet, "Soft Water in Every Home" tells all about the healthfulness and utility of soft water in Your home. Write us, and we will gladly send you a free copy.

### Permutit Water Softener

Easily connected into the water supply line in your basement or other convenient spot. Always at your service, regardless of dry spells. Provides unlimited soft water from every faucet. Send for booklet "Soft Water in Every Home."

## The Permutit Company

440 Fourth Ave. New York

Agents Everywhere



## Keep your home warm this winter

*This free book shows you how*

It tells how to keep warm air in and cold air out; how to stop icy drafts and rattling windows; how to keep your family warm and comfortable, maintain an even heat, and save money on your winter's fuel.

How you can enjoy all these advantages in your home with Higgin All-Metal Weatherstrips, is told in the free book illustrated above. Also describes the Higgin service organization of expert fitters, who look after every detail of installation, no matter where you may live.

*The finest, most comfortable homes are Higgin Weatherstripped. Make your first step toward winter comfort and fuel economy by sending for this free book.*

THE HIGGIN MFG. Co., 501-11 Washington St., Newport, Ky.

## Burns the Garbage

—no cost or fuss

WHETHER your new home is to be a modest bungalow or a more pretentious structure, let the KERNERATOR spell for you permanent freedom from the nuisance of garbage can and rubbish pile.

From coast to coast, the KERNERATOR has for years been a recognized essential in the well-planned, modern home. It costs but little to build, and from then on, costs you nothing at all—the waste itself is all the fuel required.

All waste—garbage, rubbish, tin cans, bottles, crockery, rags, sweepings, litter of all sorts—dropped into the handy hopper door in or near the kitchen, falls to the brick combustion chamber below, where an occasional lighting consumes everything burnable. Non-combustibles (metallic objects and the like) are flame-sterilized, and removed with the ashes.

Your architect knows the KERNERATOR. Consult him, or write us for complete details and references of installations near you.

The Kernerator cannot be installed in existing buildings.

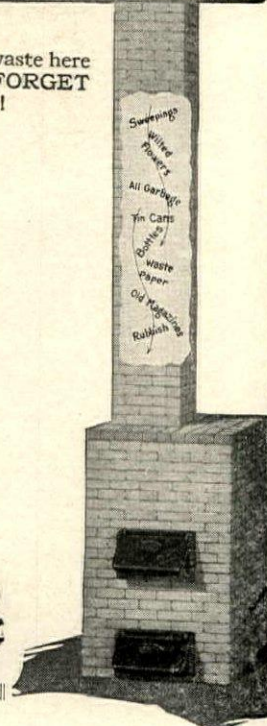
KERNER INCINERATOR COMPANY  
1025 Chestnut St. Milwaukee, Wis.

# KERNERATOR

Built-in-the-Chimney

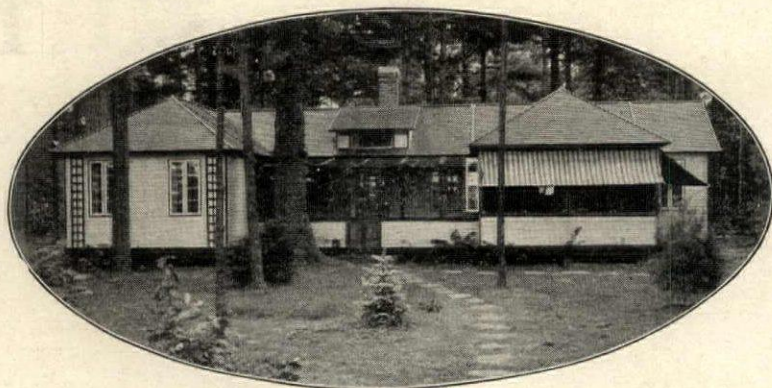


Drop all waste here —then FORGET it!





# HODGSON *Portable* HOUSES



**"Every satisfaction and comfort"**

PEOPLE who live in Hodgson Portable Houses are enthusiastic in their praise. From all parts of the world come letters of highest commendation.

Says one owner, "I cannot say too much in praise of my Hodgson Cottage." Another writes, "The house is a source of constant joy," and still another, "All I could say in favor of Hodgson Portable Houses would only half express the pleasure I take in using them."

Hodgson Houses are comfortable, easy to heat in winter and cool in summer! They are constructed of sturdy red cedar, the

most durable wood known, and backed with heavy fibre lining.

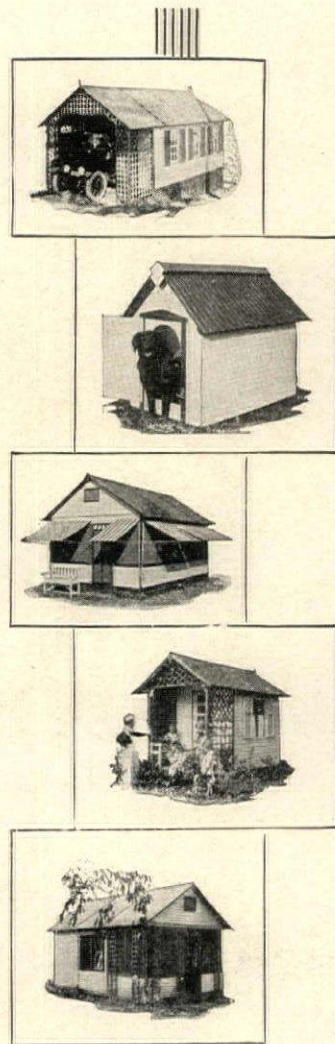
Hodgson Houses are shipped in sections, painted, stained and finished to the smallest detail in our workshops. These sections fit tightly together—no moisture can get through anywhere. The smaller Hodgson Houses may be erected in a few hours with unskilled labor.

Let us send you our new catalog. It shows many beautiful photographs of Hodgson Houses. Also portable garages, dog kennels, poultry-houses, etc. Write for catalog G to-day and look over the plans. A request places you under no obligation.

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## Beautiful TILES

Beauty revealed in terms of color, form, design, texture; a beauty range unlimited, because Tiles may be so chosen and combined as to give any effect or scheme desired.

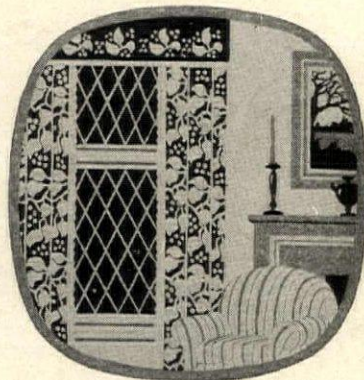
Time cannot impair this beauty; it is as pronounced when years have passed as it is when installation is made. No other material has such decorative possibilities, together with lasting qualities.

Permanence—ease of cleaning—freedom from the necessity of replacement or repair—all add to the beauty of Tiles a serviceability that is equally distinctive.

*Consult your architect and dealer about Tiles, or write to*

**ASSOCIATED TILE MANUFACTURERS**

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**When Friends Say  
"Such Beautiful Windows"**

And More Beauty Comes to Curtains  
Draped on Bluebird Flat Curtain Rods

Pretty, artistic effects for all curtains and drapes are assured with Bluebird Rods. Their efficient design makes every delightful effect easy to attain—for Plain windows, Bay windows, French doors, or Casement windows.

Sagless, economical, easy to put up, "Bluebirds" come single, double and triple in rustless Satin Gold and White Enamel.

Ask for the rods with the stiffening ribs. The ribs identify Bluebird Rods and protect you from accepting an inferior article.

H. L. JUDD COMPANY, Inc., New York  
"Makers of Home Accessories Over 50 Years"



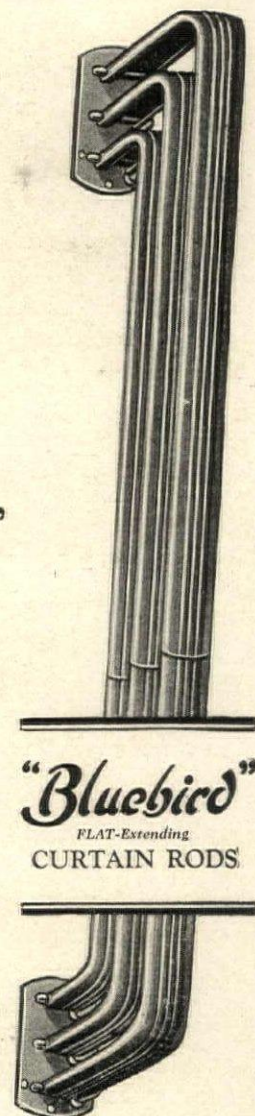
Ornamental Stiffening Ribs



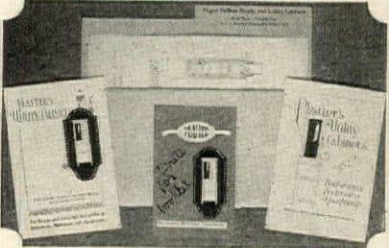
Gracefully Curved Ends



Simple Bracket Easily Attached



**"Bluebird"**  
FLAT-Extending  
CURTAIN RODS



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**E**ACH booklet shows the full line and tells the full story of the new Universal Cabinets.

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Mark (x) your book, and it will be sent without obligation.

THE PLATTER CABINET COMPANY  
Division of The North Vernon Lumber Mills,  
North Vernon, Indiana



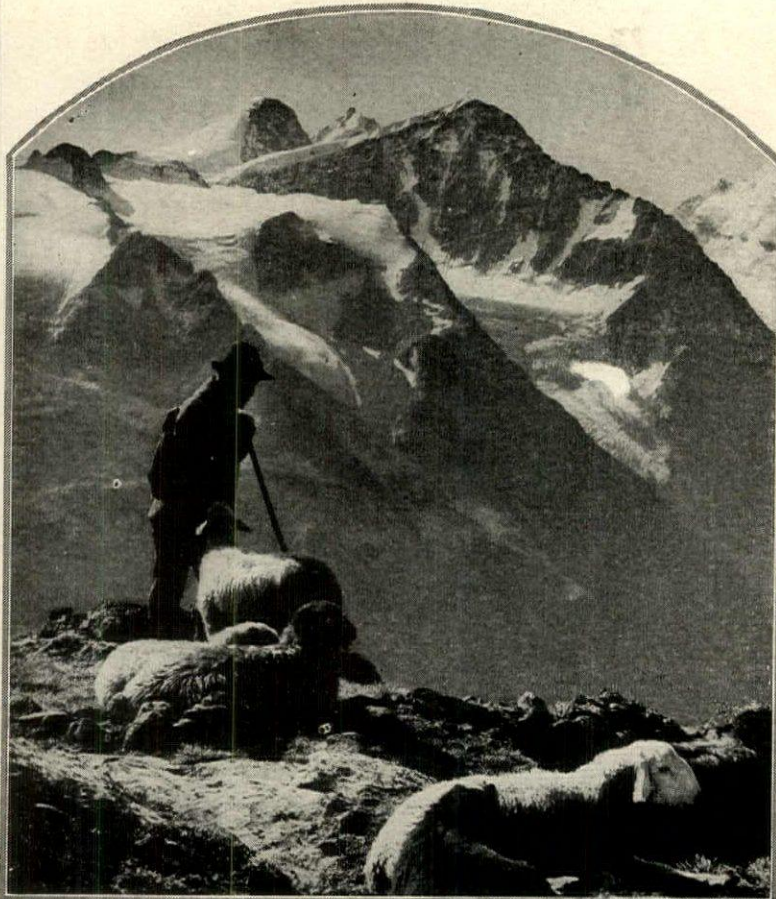
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Please send me booklet I have checked:

- Architects' and Builders',
- Dealers',
- Business Executives',
- Home Lovers',

Name.....

Address.....

Post Office.....



Courtesy of Swiss Federal Railroad

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Have you ever seen him? . . . Then go to Switzerland . . . You'll find him standing there on that brink of Heaven somewhere in the Alps of the Upper Engadine. . . . silent, pensive, alone . . . alone with mountain sheep and mountains, primitive beauty you must travel far to see. . . . Stay until the shadows lengthen, until the valley becomes lost in inky blackness, till the gleaming white in the distance flashes pink, and the great mountains fade into blue mist. . . . Then, with your artistic self satisfied, you again pick your way along the steep trail that leads to the world below.

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## VOGUE

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25 W. 44th Street  
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# ! ruined

*Many a first impression has been ruined by some seemingly little thing.*

**I**T'S so easy to get off on the wrong foot with people—whether it be in an important business contact or simply in a casual social meeting.

It pays in life to be able to make people like you. And so often it is some seemingly very little thing that may hold you back.

For example, quite unconsciously you watch a person's teeth when he or she is in conversation with you. If they are unclean, improperly kept, and if you are a fastidious person, you will automatically hold this against them. And all the while this same analysis is being made of you.

Only the right dentifrice—consistently used—will protect you against such criticism. Listerine Tooth Paste cleans teeth a new way. The first tube you buy will prove this to you.

You will notice the improvement even in the first few days. And, moreover, just as Listerine is the safe antiseptic, so Listerine Tooth Paste is the safe dentifrice. It cleans yet it cannot injure the enamel.

What are your teeth saying about you today?—**LAMBERT PHARMACAL CO., Saint Louis, U. S. A.**

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### Seamless Kantainer

is the only sanitary garbage can a housewife can buy. It can't crack, break or leak. No seams to open. Made from one piece of steel. Lasts you a lifetime. One for garbage—one for ashes—gives complete satisfaction!



Not sold in stores—only by mail from our factory. Comes in 5 sizes. Standard size is 2 feet in height; holds 26 gallons; weighs 40 lbs. Price \$6.50 each (f. o. b. Milwaukee). Covers 65c extra.

Use Request Coupon below if you want Standard size. If interested in other sizes—ask for our literature.

**SEAMLESS STEEL PRODUCTS CO.**  
Milwaukee, Wisconsin

**SEAMLESS STEEL PRODUCTS CO.**  
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Enclosed find \$..... for one Kantainers.

Standard size; including one covers.

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—an impenetrable, unclimbable  
**ANCHOR POST FENCE**

Keep out annoying intruders, despoiling picnickers, sneak thieves, night prowlers. Safeguard your family and your property.

Anchor Post Chain Link Fences are made in several heights, with or without barbed wire topping. Fabric of heavy steel mesh supported on steel posts. *Galvanized throughout* to prevent rust. *Drive-anchored* to permanently maintain alignment.

Call in an Anchor Post Protection Specialist. Without cost or obligation, he'll look over your property and give you complete information on the fence which will exactly meet your needs. Ask, too, for a copy of an interesting booklet on "Fences for the Country Estate."

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# ANCHOR POST Fences

with

## EXCELSO

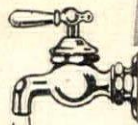
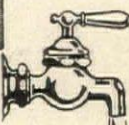
You need never give your hot water supply a thought. Because it automatically provides an unfailing supply of hot water at every faucet — because it uses the fire you must burn in your heating plant (boiler or furnace) thus operating

## WITHOUT FUEL COST

Ask your plumber or heating contractor. He installs Excelso quickly, reasonably, using your present piping.

Write for free booklet; state type of your heating, and name of plumber.

Excelso Specialty Works, Inc.  
371 Excelso Bldg., Buffalo, N. Y.



# HOT WATER



### "Adds Pleasure and Cheerfulness"

The Walker has proven a good investment for our family. It has not only washed and dried the dishes for four people since 1921, but it has added a great deal to the pleasure of the home and the cheerfulness of its members.

Yours very truly,  
John J. McElligott.

Pen Yan, N. Y. Sept. 26, 1923

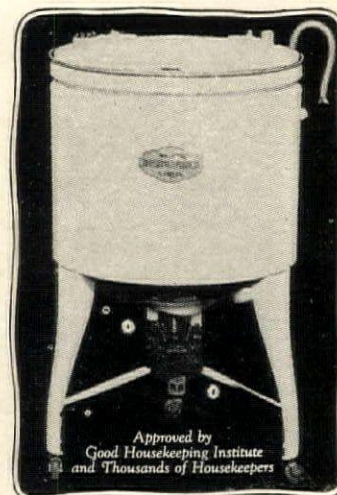
### Modern Homes Have Electrical Dishwashers

It is old fashioned and unsanitary to wash dishes by hand. Such drudgery is a thing of the past. Hundreds of modern housewives would give up other household appliances if they had to part with their

## WALKER DISHWASHER & Dryer

The practical dishwasher. Perfected by more than ten years of experience. Cleans, rinses, dries, polishes—china, silver, glasses. Simple to operate.

Write Today for Interesting Booklet and testimonials. Give us your preferred dealer's name. Arrangements can be made for demonstration at any agreeable terms of payment desired, with your Electrical Hardware or Department Store. If not, you can order your machine direct from the factory with our guarantee and easy terms. Walker Dishwasher Corp., 197 Walton St., Syracuse, N. Y.



Approved by Good Housekeeping Institute and Thousands of Housekeepers



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Portable  Permanently Installed

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Hand Woven Rugs**



Sizes 36 x 60 - - Price \$10  
Other Sizes \$8 to \$25

Shuttle-Craft rugs are hand woven to order in any particular size, design or color combination that you may desire. Colonial pattern rugs such as the one shown in the illustration are designed especially for a bedroom. These rugs are washable and wear particularly well. We can also supply you with hand woven curtains, coverlets, portieres, table linen and dresses. Write today for our illustrated folder. The Shuttle-Craft Co., Inc. Dept. 10 1416 Mass. Ave. Cambridge, Massachusetts



**Martin's 100% Pure Varnishes**

**AT THE DINNER HOUR**

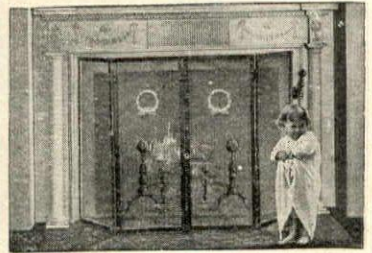
—before the guests arrive—a hasty scrutiny of general appearances. What a satisfaction it is to know that your floors reflect the result of your own personal discrimination.

When you have used Martin's 100% Pure Varnish and Enamel your immediate sense of delight will give way only to a realization of permanency of beauty and an unusual resistance to wear as time goes on. 100% Pure—because it contains only Pure Vegetable oils, Pure Fossil gums and Pure Turpentine. (No benzine, no rosin.)



**MARTIN VARNISH CO.**  
PIONEERS OF 100% PURE VARNISHES  
CHICAGO

**Buffalo  
FIRE SCREENS**

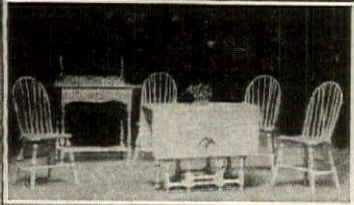


*Like Good Old  
Furniture*

"BUFFALO" FIRE FENDERS, SPARK GUARDS and FIREPLACE SCREENS are unusually distinctive in appearance. Their good and correct designs, their well placed ornamentation, and their attractive finish lend charm to the most perfectly appointed residence. They insure perfect safety from flying sparks and absolute protection to children and older members of the household. "BUFFALO" FIRE FENDERS, SPARK GUARDS and FIREPLACE SCREENS cannot be compared with flimsy, cheap ones. They are strong and durable, and made by the most skillful workmen from the best "BUFFALO" quality fine mesh wire cloth. We make them to fit any size fireplace opening and in any desired ornamentation or finish. We also make "BUFFALO" PORTABLE FENCING SYSTEM, VINE TRAINERS, TREE GUARDS, GARDEN FURNITURE, WINDOW GUARDS, etc. Information gladly furnished.

Write for complete catalogue No. 8-B D Mailed upon receipt of 10c postage  
**BUFFALO WIRE WORKS CO., INC.**  
(Formerly Scheeler's Sons)  
475 Terrace Buffalo, N. Y.

**LEAVENS  
Furniture**



**COMPLETE SETS—OR  
INDIVIDUAL PIECES**

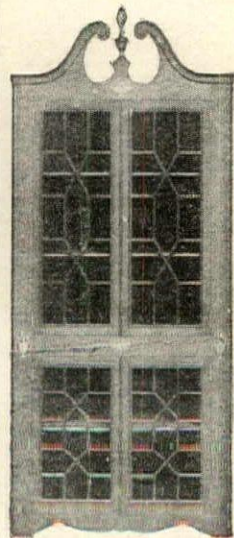
For complete satisfaction buy your furniture the Leavens' way. You select the bedroom set, breakfast set or individual pieces you prefer and have them finished or decorated in accordance with your personal taste, thus attaining perfect harmony with surroundings.

Leavens Furniture—both Decorated and Colonial—is noted for its beautiful simplicity of design and its unusual quality. Yet its cost is remarkably reasonable.

Shipments made anywhere, carefully crated to insure safe delivery.

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**William Leavens & Co., Inc.**  
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*Antique Colonial  
Reproductions*

This Corner Cupboard is an exact reproduction of the old Colonial Antique. Made of genuine mahogany throughout entirely by hand, by skilled cabinet makers. Is inlaid with Satinwood Medallions and has a hand-carved flame ornament on top. Contains two shelves in upper section and one shelf in lower section. This is a very attractive Dining-room or Living-room piece. It has the hand-rubbed finish in the Antique Colonial red color. EACH DOOR HAS THIRTEEN INDIVIDUAL PANES OF GLASS, SYMBOLIC OF THE THIRTEEN ORIGINAL STATES. Size: 36" wide, 19" deep and 80" high.

Specially Priced at \$125.00

Carefully crated for shipment. Sent on receipt of price or C.O.D. with \$35.00 deposit. Booklet G-1 of other Antique Reproductions sent on request.

**WINTHROP FURNITURE COMPANY**  
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Hang Your Shoes on a  
**Neatway** Closet Shoe-Rack

Fastens on inside of closet door. When the door is opened, your shoes are out in plain sight. Keeps shoes off the floor—safe from being stepped on. Does away with picking up shoes when sweeping. Takes up no extra room.

Get a set today for each of your closet doors

At Your Dealer's or mailed postpaid:  
Black Enamel, Nickel or Bronze: set of three, \$4.50; pair, \$3.00; one, \$1.50  
Hand Painted floral designs on black enamel: set of three, \$6.00; pair, \$4.00; one, \$2.00  
Widths: 20 and 24 inches  
West of Rockies and Canada, 10c extra per rack  
**NEATWAY CO.** 117H West Larned St., Detroit, Michigan

**INDIVIDUAL  
BRIDGE SCORE PADS**  
60 Cents Each



Each pad contains 50 Sheets, 9x7 inches, with your name printed on each sheet, or 100 sheets for

**ONE DOLLAR**



Favor Tallies, assorted, in Doll Figure or Flower Bud designs similar to the one shown here.

\$1.50 PER DOZEN

Our twenty years' experience in creating pleasing designs, and executing beautiful work in Social Stationery is at your command by mail. We solicit your inquiries on Wedding Invitations and Announcements, Invitations to Receptions, Calling Cards, Social Stationery, Monogrammed Correspondence Papers, Menus, Tally Cards, Place Cards and Novelties.

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2102 Locust St. Saint Louis

# clean and safe



*Sani-Flush* removes quickly every spot and stain from the toilet bowl. It purifies and sanitizes the hidden, unhealthful trap. It makes the entire toilet clean—and safe.

No scrubbing. No hard work. Simply sprinkle *Sani-Flush* into the bowl, follow directions on the can, and flush. The porcelain shines!

*Sani-Flush* destroys all foul odors. It will not harm plumbing connections. There is nothing else will do its wonderful work. Always keep *Sani-Flush* handy in the bathroom.

If not at your grocery, drug or hardware store, send 25c for a full-size can.

THE HYGIENIC PRODUCTS CO.  
Canton, Ohio

## Sani-Flush

Cleans Closet Bowls Without Scouring

## How Do You Dry Your Wash?



### THE SCIENTIFIC DRY-O-LETTE

Dries by ventilating with pure, warm air as fast as you can wash and iron.

Write for "Facts You Don't Know About Drying"

The Scientific Heater Co.  
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# Paint

## PITCAIRN Water Spar Varnish



Your furniture will never have to stand this test

THE chances are that your home will never be inundated. But every wet shoe that leaves its mark on your floors, every drop of liquid spilled on your table, produces the same effect in a minor way.

Waterspar is water-proof. You can see visible proof of it in any Waterspar dealer's store—a Watersparred panel submerged in water day in and day out for months. Water can have no effect upon the surface. And it wears and wears!

Besides transparent Waterspar, there are eighteen beautiful shades of Waterspar colored varnish and enamels. They, too, have the same long-wearing, water-proof properties.

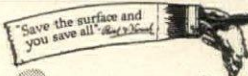
You can use Waterspar yourself. It flows evenly and freely.

Pitcairn's Waterspar Varnish is a "Pittsburgh Proof Product." You will find the same high standard quality in other "Pittsburgh Proof Products," among them Velumina, the wall paint you can wash, and Sun-Proof Paint and many other famous products. Whatever you need in the way of glass, paint, brushes or varnish the Pittsburgh Plate Glass Company has a product that will fill your requirements exactly. For sale by quality dealers everywhere.

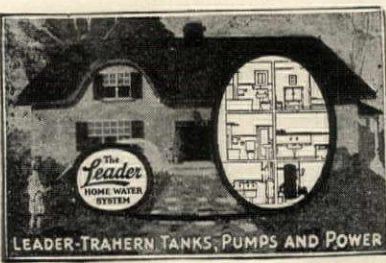
"What to do and How to do it"—a guide to better homes, is a book that answers a host of questions on home decoration and arrangement. It tells how to make the most of what you have—how to spend to the greatest advantage. Send ten cents to Pittsburgh Plate Glass Co., Dept. E Milwaukee, Wis., and a copy will be mailed at once.

Be sure of a good brush. It is as important as the paint.

PITTSBURGH PLATE GLASS CO.  
GLASS - Manufacturers - PAINT  
Paint and Varnish Factories - Pittsburgh, Pa. - Newark, N.J.



# Varnish



## Think of it now—then forget it

A Leader Water System serves you so quietly, so unobtrusively that after you have installed one, you can forget you have it. It is just another servant, trained in service—a part of your well regulated household.

The expert staff of Leader engineers can help you solve the water problems for your country home. In many of the finest estates in America, Leader systems testify as to the quality of this service. Avoid any possibility of disappointment by investigating.

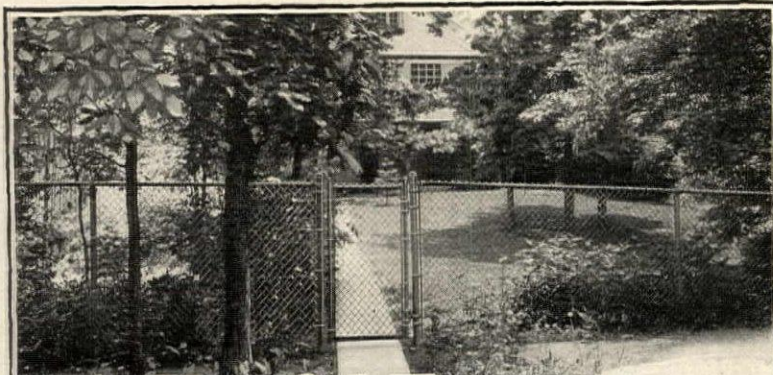
Leader Tanks and Equipment for water, air and oil.

LEADER-TRAHERN CO., Decatur, Ill.  
New York Chicago  
Plants—Decatur and Rockford

Gentlemen: Kindly send me information on water systems for country homes and estates.

Name .....  
Address .....

H-G



## A Useful Fence Can be Beautiful

Why depend upon shrubbery and other "boundary markers," when you can have real protection for your lawn or estate—protection with beauty?

The square mesh fabric of Page Protection Fence is practically unclimbable; stops intruders; permits the development of your grounds in safety and seclusion. Children play in safety—pets are protected. The lawn becomes a part of the home.

Insist on Page Fence, a useful barrier that is beautiful. Write for illustrated booklet, "Fences for Protection and Beauty." No obligation.

PAGE FENCE & WIRE PRODUCTS ASS'N  
219 N. Michigan Ave., Chicago



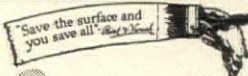
America's first wire fence - 1883

# PAGE PROTECTION FENCE



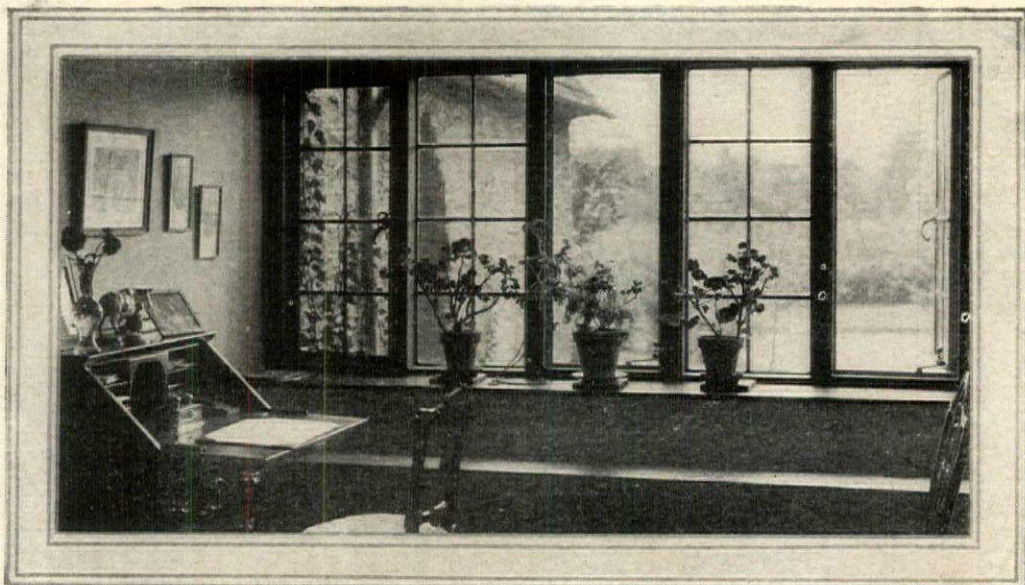
Ingot Iron  
The only wire fence made of Armco Ingot Iron

PITTSBURGH PLATE GLASS CO.  
GLASS - Manufacturers - PAINT  
Paint and Varnish Factories - Pittsburgh, Pa. - Newark, N.J.



# Varnish

## Look ahead to your garden.



© House &amp; Garden

The snow may be inches thick now, or the rain dripping from every bare twig on to the sodden ground, but—look ahead to your garden! Soon you'll be too busy doing to have time to think. Lay your plans now. Begin by ordering the

# Spring Garden Guide

MARCH

## HOUSE & GARDEN

There's a symposium on the best annuals, perennials and shrubs, by ten of the leading landscape architects of the country. There are pages of pictures of how yet another leading landscape architect has laid out her own New Hampshire garden.

There's the first of a series of articles ('The Flowering Crab Apple' for a start) by "Chinese" Wilson, the greatest of our plant explorers, and a paper on the Strawberry by Samuel Fraser, an equally eminent authority in his line. There are three pages of the Gardening Guide—a handy calendar of the whole range of your spring and summer outdoor activities. There's an article on fences. And some very practical hints on how to equip and manage your garden and (just as important, but much more difficult!) how to equip and manage your gardener.

Now come back to the house. Look up to the roof—and read the article on Thatching. Look in at the windows—and compare them with the lovely examples from California which we show. Come inside—have you a Garden Room, in which to cut and arrange your flowers? The Shopping pages tell you how to furnish it, and where to buy what you need.

Move on to the other rooms—are they still fresh and inviting? (*An article on color schemes.*) Examine your walls—would you like a change from pictures? (*Aldous Huxley writes charmingly on old maps as decorations.*) Consider your floors. (*Another rug article—Soumak this time.*) Go down into the cellar. (*A comparison of different heating systems.*) It's a good number? Yes—so

---

**Don't Think Too Long—Go Out and Reserve Your Copy Now!**

---



PAINTED FOR MURPHY VARNISH COMPANY BY STANLEY McNEILL

## The Correct Murphy Finish Will Live for Generations ~ ~

WE HEAR occasionally of the transplantation of some particularly beautiful and well-preserved woodwork. Many new American structures have been artificially mellowed in this manner. It is in the venerable surfaces of this old wood that its charm reposes—surfaces which are the ideal of modern craftsmen.

But there are MURPHY-finished interiors in this country as rich and beautiful as any-

thing the world has ever produced. There are floors finished with Murphy Varnishes that exceed in perfection anything that was possible before the Murphy Varnish Company set its standards.

The largest item of cost of a varnish finish is the labor. A Murphy finish is *permanent*. It will not have to be renewed at frequent intervals. It is not only beautiful but economical. Request Murphy products.

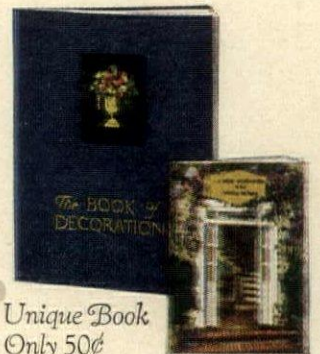
Murphy Varnish Company, Newark, N. J. and Chicago, Ill.

THE DOUGALL VARNISH COMPANY, Limited, Montreal—Canadian Associate

SAVE THE SURFACE



AND YOU SAVE ALL



A Unique Book  
for Only 50¢

We are publishers of "THE BOOK OF DECORATION," well known among professional decorators. Your check (or cash) for half a dollar will bring this book by return mail. With it we will send free a new book on Washington's "Home Sweet Home"—"A NEW NEIGHBOR TO THE WHITE HOUSE."

*Styles for  
every room  
in the house*



# SANITAS

MODERN  
WALL COVERING

*See the new styles of Sanitas Modern Wall Covering at your decorator's.*

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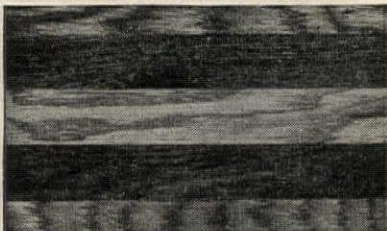
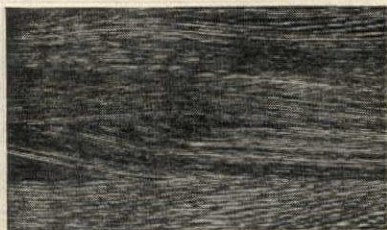




What added charm this fine floor of Ritter Appalachian Oak (block pattern) and the beautiful oak panelled walls give to this room. Home of Mr. Walter H. Martin, 80 Drexel Avenue, Columbus, Ohio. Architects, Howell & Thomas, Cleveland.



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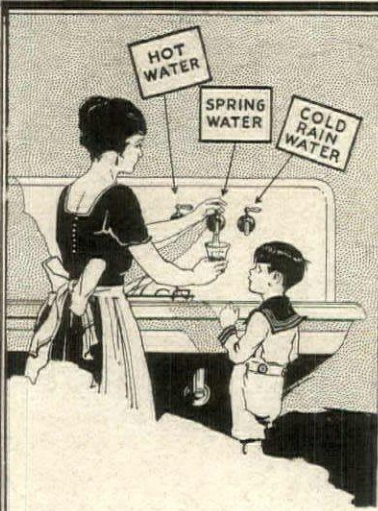
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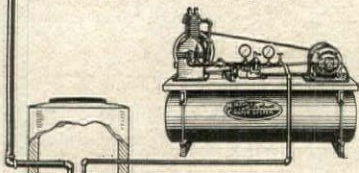
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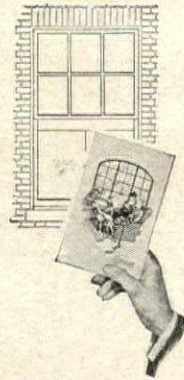
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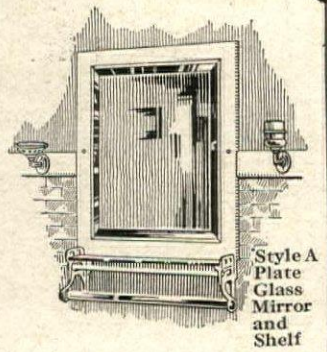
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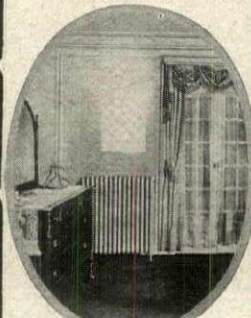
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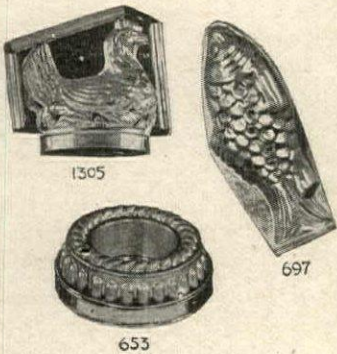
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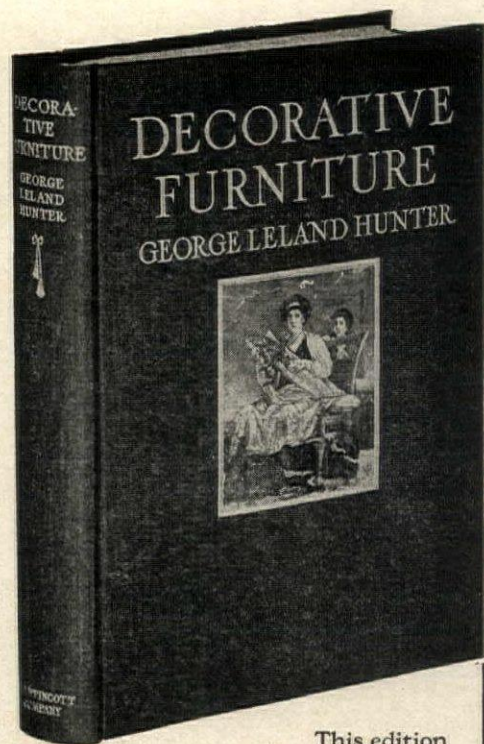
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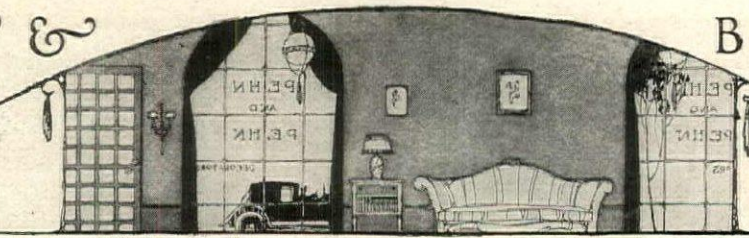
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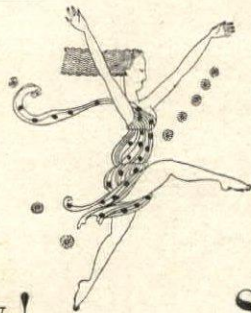
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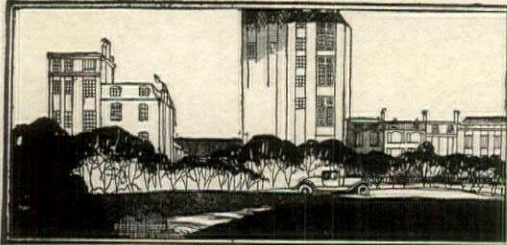
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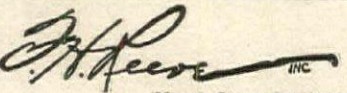
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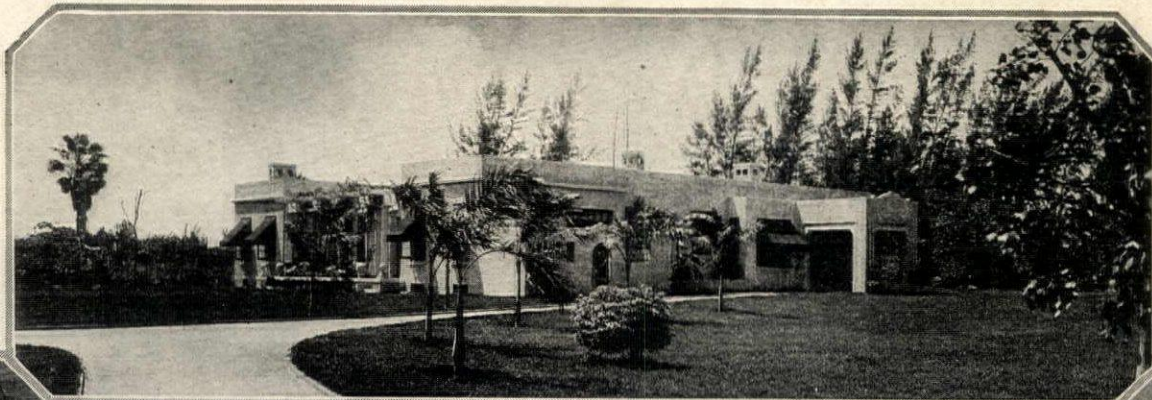
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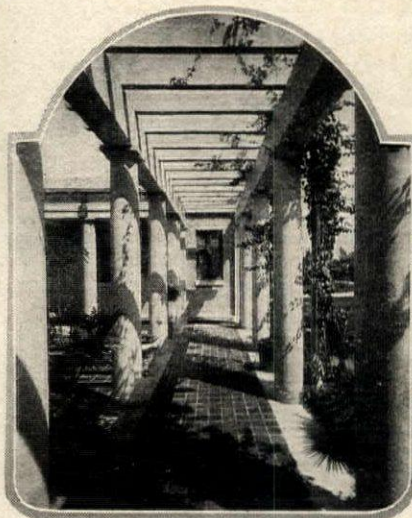
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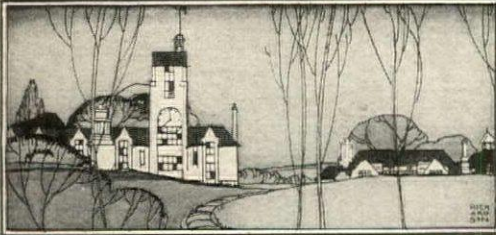
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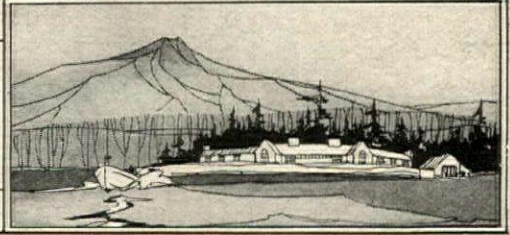
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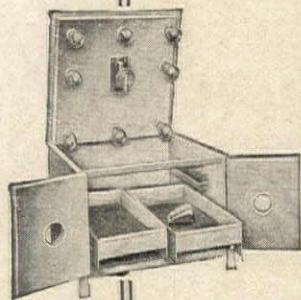
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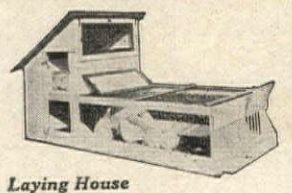
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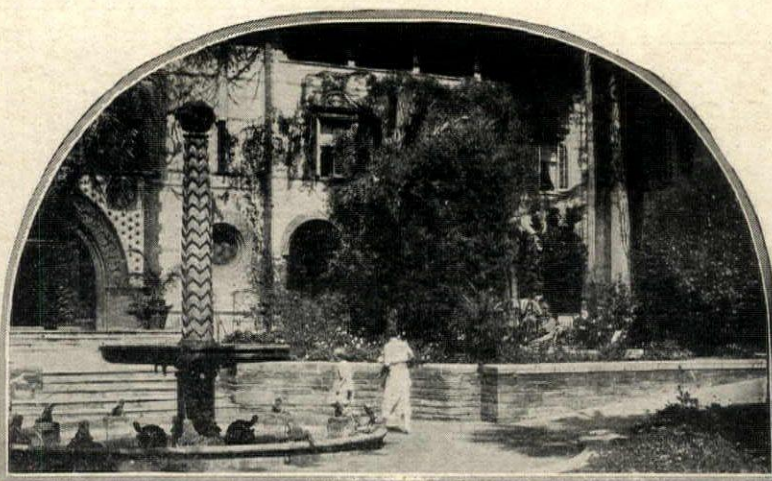
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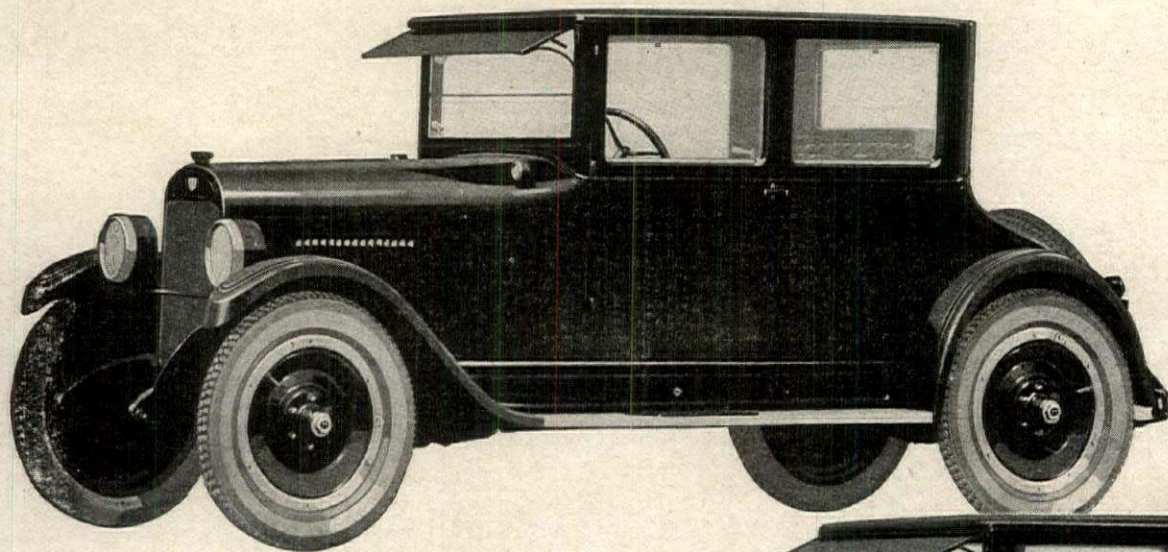
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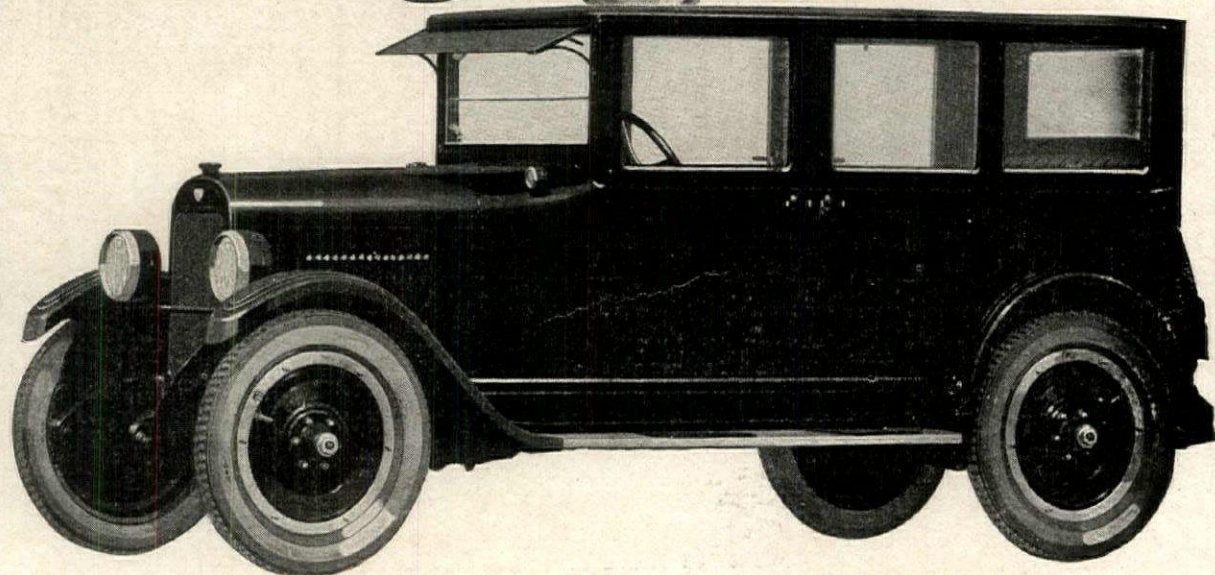


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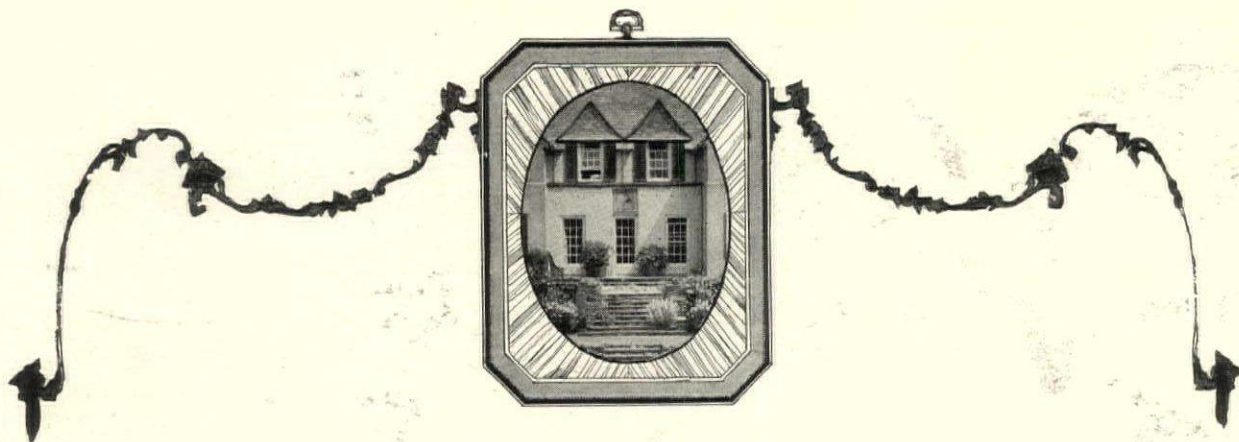
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# House & Garden



A garden doorway, which will be shown in the March Gardening Guide

THIS magazine has been called many things—a nuisance, an inspiration, an expense and an invaluable guide. To all such comments we try to reply graciously and with modesty. But when, the other day, a reader walked in and said that HOUSE & GARDEN was a university, we were too proud to say anything. Being a constant reader, a reader of long standing, we listened carefully to his comments. "What's more," he said, "it's the sort of university where you neither care to nor dare to cut classes. You might miss something good."

That is one of the ideals we have always hoped to attain—that each individual page in the magazine would be so well done that not to see and read it would amount to a distinct loss. We have always tried to select material with only one person in view—the reader. To that person we are responsible. His or her interest is our compensation. Should we grow slack for one moment, should we let past this desk one page that had not his and her interests in mind, we would expect and we would deserve what would be coming to us.

Our idea of a university is a place where men and women are fitted, by the study of a number of subjects, for better citizenship and a larger life. In this HOUSE & GARDEN university the courses are limited to these subjects—the architecture and building of homes, the decoration and furnishing of rooms, the equipment of kitchens and the making and maintenance of gardens. There is an elective course on collecting. Read HOUSE & GARDEN for a year, study its courses from month to month, and by the end of the year, unless you are utterly beyond hope, you will have acquired a pretty good knowledge of architecture, building, decorating, furnishing, kitchen equipment and gardening. In fact, after one year's attendance at this university, you'll know

a good house when you see it and know why it is good—you may even build one. You will know the essential facts of decorating and furnishing rooms—and doubtless will undertake some of that work yourself. You will have caught the enthusiasm for gardening and, undoubtedly, make a garden or improve the one you had.

While each of the lectures in this university is delivered by an authority, there is none of the professional droning about them; in fact, we limit the number of words these professors may speak. We would rather have pictures tell the story. We are convinced that you can learn more from one clearly reproduced, instructive or inspirational picture than from half a page of text. These professors say it with half-tones!

Nor are the classes long. You can never weary of them. They seldom exceed three pages at the most; most of them are only one page. Turn the page, and you are in another classroom! If you are not in the mood for beds, you make one movement and your eye is caught with a new and interesting house. If houses are not your ruling passion at the moment, you have only to turn the page and you find yourself entranced with a garden.

In other words, the courses are really elective. But it is only fair to warn the matriculating reader that it may be difficult for him to stick altogether to his first, favorite subject. We don't guarantee that other topics than his original hobby won't prove too alluring and provocative.

Before entering most universities you have to jump the hurdle of examinations; in fact, you are constantly jumping hurdles. What is amazing about this university is the ease of entering it. You have merely to send in a subscription to the Circulation Manager—a small matter of \$3.50—or else walk to the nearest newsstand.

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VOLUME XLV

NUMBER TWO

Subscribers are notified that no change of address can be effected in less than one month

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PUBLISHED MONTHLY BY THE CONDÉ NAST PUBLICATIONS, INC., 19 WEST FORTY-FOURTH STREET, NEW YORK, CONDÉ NAST, PRESIDENT; FRANCIS L. WURZBURG, VICE-PRESIDENT; W. E. BECKERLE, TREASURER; M. E. MOORE, SECRETARY; RICHARDSON WRIGHT, EDITOR; RICHARD H. PRATT, MANAGING EDITOR; HEYWORTH CAMPBELL, ART DIRECTOR. EUROPEAN OFFICES: ALDWYCH HOUSE, ALDWYCH,

LONDON, W.C.2, PHILIPPE ORTIZ, 2 RUE EDOUARD VII, PARIS. SUBSCRIPTION, \$3.50 A YEAR IN THE UNITED STATES, COLONIES, CANADA AND MEXICO; \$4.50 IN FOREIGN COUNTRIES. SINGLE COPIES, 35 CENTS. ENTERED AS SECOND CLASS MATTER AT THE POST OFFICE AT NEW YORK CITY UNDER THE ACT OF MARCH 3, 1879. ALSO ENTERED AT THE POST OFFICE AT GREENWICH, CONN. PRINTED IN THE U. S. A.



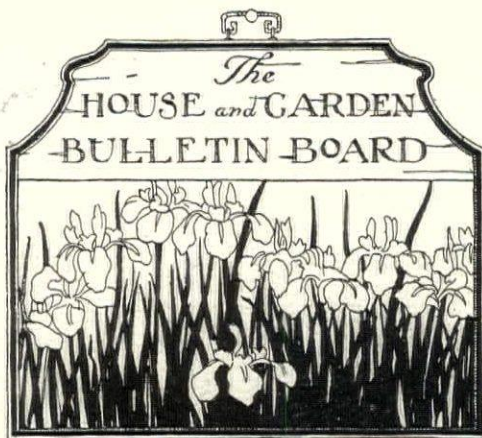
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EVERY once in a while, in the dead of winter, comes a day that belongs to Spring. We've just had such a day—we've just been assembling the Annual Gardening Guide, the March issue of HOUSE & GARDEN. Even to speak of it makes us feel warmer, happier, more optimistic. It will bring to you the promise of Spring.

This issue sees the beginning of a series of articles by E. H. Wilson (otherwise "Chinese" Wilson) of the Arnold Arboretum. He writes on the Flowering Crab Apple Trees. Turn a few pages, and you find glimpses in the garden of Ellen Shipman, the nationally known landscape architect and creator of beautiful gardens. Turn again, and you find a Rose Garden that looks as though it were in England whereas it is on Long Island; following that an article for beginning gardeners on Equipping A Garden. Further along you encounter designs for Garden Fences, then a helpful article on Strawberries and, further still, the Gardening Guide, in which all the facts of planting and raising flowers and vegetables are set down in tabloid form. Further still, you reach a symposium on the Best Annuals, Perennials, Trees and Shrubs, in which the leading landscape architects and nurserymen of the country tell their preferences. The Shops pages will be devoted to objects for equipping a Garden Room. Finally the Gardener's Calendar brings up the last page. So much for gardening.



BUT gardening does not exclude other interests from this remarkable March number. You find, for example, Maps used decoratively, Chinese Silver, Unusual Windows, A Little Portfolio containing some remarkable rooms from Denver homes, articles on How To Make A Color Scheme, on how English Cottages are thatched and how it can be done here, on Heating Systems, on Wall Coverings, on the use of Domino Papers, on Soumak Rugs, on Directoire Furniture. There will be, of course, the usual three pages of livable houses.

To assemble such a remarkable series of articles and pictures has been no small task. Enough material has been discarded to make three or four issues of some magazine. From the various sources at the command of HOUSE & GARDEN we have called on the very best writers and photographers to help make this March Spring Gardening Guide the best we have ever offered. You will enjoy it.



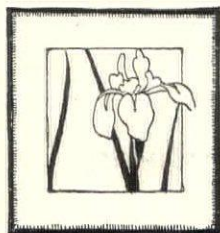
"LET us cultivate our garden," said Voltaire. And he might have added, "Let us cultivate our houses too." For happiness, like charity, begins at home. Happiness is not an expensive commodity, dear-bought and far-fetched. It is not to be found at Monte Carlo, in the South Seas, at New York or Los Angeles, or wherever your taste commands or your income permits you to go in search of it. It is to be found by your own fireside and among your own flowers and trees.

How many people there are who seek this true and intimate happiness in the midst of odious surroundings, wasting their physical and spiritual energy in a battle against unnecessary discomfort and ugliness! They are irritated by their surroundings. They live in badly contrived houses where daily living entails a continuous expense of spirit not easily calculated, but, nevertheless, enormous and exhausting. There is no need for one's environment to be uncomfortable and hideous. Men have lived and do live in environments that are beautiful and convenient—but they are an almost infinitesimal minority. And yet with the expense of a little initial effort, a little perseverance, a little money, almost everyone might live in such surroundings. HOUSE & GARDEN aims to point that way.



IN THE restoration of an old house—that pleasant occupation with which so many people are now engaged—it is not sufficient merely to preserve the dead bones of archaeology. What has to be restored is beauty, usefulness and comfort. As the house fulfilled the ideals and needs of our ancestors, so it must fulfill our modern ideals and needs. Anything that works towards this object may be considered as coming within the meaning of restoration. Even minor additions are a form of permissible restoration. In fact, what restoration should do is to conserve all that is beautiful and useful in all periods; it should modernize without destroying. It is no more necessary to sacrifice the idea of modern convenience to the fetish of age than it is to sacrifice the beauty of age to the fetish of modern convenience.

The principal enemies of old houses, the enemies against which the restorer has to fight, are time, with its powerful ally, neglect, and the perverted human zeal for improvement. Time causes an old house to decay and to become out of date and unsuitable for modern requirements. As for perverted human zeal, it should be restrained so that no incongruities of design and treatment enter.



WE HAVE just picked up three relatively old books on Roses—"The Book of the Rose," by Foster-Melliar, "The Book of Roses" by Francis Parkman and "A Book About Roses" by S. Reynolds Hole. Two of the authors—Foster-Melliar and Dean Hole were parsons. Francis Parkman, of course, was the historian, although few people associate him with Rose-growing or horticulture at all; whereas, in his day, he was an ardent and arduous laborer among flowers, trees and shrubs.

In some instances the observations of these Rose lovers are out of date, but in the main their experiences and suggestions are as fresh as though set down yesterday. Parkman's book was published in 1866, Dean Hole's in 1870 and Foster-Melliar's in 1894. Even if we never used their pages in our garden work, we would relish them for the beauty of their phraseology and the sincere love for Roses and gardening which they express. Dean Hole's opening sentences have long since become the ideal of all Rose lovers—"He who would have beautiful Roses in his garden must have beautiful Roses in his heart. He must love them well and always." Foster-Melliar was greatly upset whenever he had to leave his garden. "He would walk about, hours before the time fixed for his departure, looking the picture of misery in his best clothes. He hated his best clothes." That's the best description we know of a real garden lover.



ALTHOUGH the names of most of the contributors to this issue are well known to most of our readers, one or two are new. Frances Wilson Huard, who writes on Normandy furniture, will be remembered for her splendid war work. She is author of "My Home on the Field of Honor." Her home in Versailles, in which is her collection of French antiques, was originally the residence of Madame du Barry and later the home of the brother of Louis XVI.

Angelo N. Romano, who answers the questions to "What Do You Call That Piece?" is a New York authority on antiques. Hiss & Weeks, Wm. Laurence Bottomley, Walter K. Pleuthner and Prentice Sanger are New York architects. Albert D. Taylor is a Cleveland landscape architect, author of "The Complete Garden," and Parker, Thomas & Rice are architects with offices in both Baltimore and Boston.



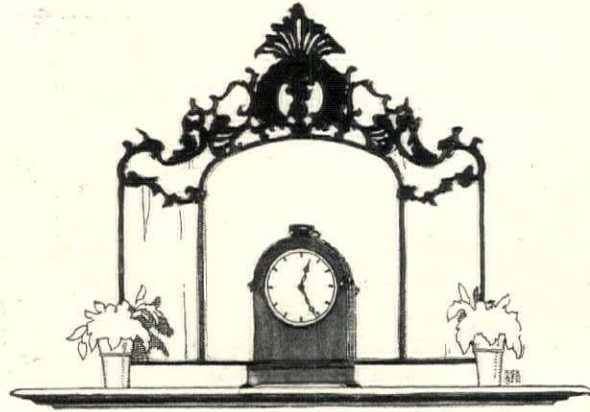


Harting

## AN EIGHTEENTH CENTURY FRENCH CORNER

*The effect of a room depends largely on the manner in which the furniture is grouped. Almost as important as the pieces themselves is where one puts them. A pleasing arrangement, quite as much as the beauty of the individual pieces, is responsible for the beauty*

*of this corner. The furniture is 18th Century French and the walls and rug are a soft French blue. In contrast to their cool delicate colors are the hangings of red and white toile de Jouy caught back with old gilt tie-backs. Chapin, Harper and Dutel were the decorators*



## A VERY PERSONAL COUNTRY HOUSE

*In this Home Furniture and Bibelots of Many Periods Create Interiors of Exceptional Distinction*

RUBY ROSS GOODNOW

DOWN on Long Island, in the midst of a dense, uncleared wood, there is a rambling house that began as a white shingled farmhouse and has grown into a large but modest house full of surprises and ideas. It is a house in perfect sympathy with its furnishings. In fact, when one first wanders through its surprisingly personal and colorful rooms it is impossible to determine whether the house grew to hold the collection, or the collection grew to furnish the house.

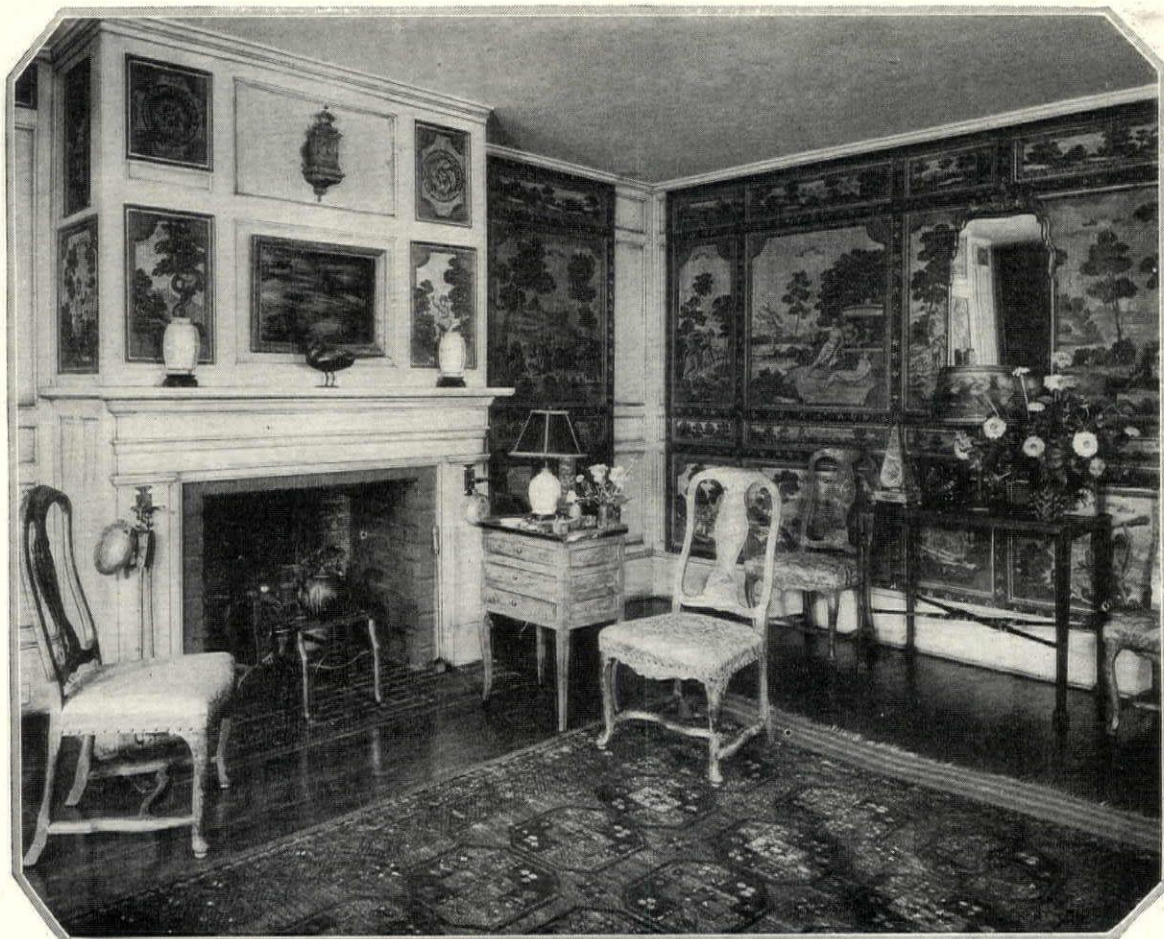
When you enter the front door and find yourself in a low-ceiled hallway running straight through the house and opening on the garden beyond, you unconsciously

think of the house in terms of two rooms on each side of the hall and a wing or two beyond. There is nothing to suggest surprising rooms that keep on opening one from another, each as personal as an old bouquet, each filled with beautiful things that seem to express the personality of their owner. The personal equation in decorating is a very elusive but important element. A room of good proportion, correctly furnished, will be cold and banal until it is touched, embellished, flavored by the life of someone with the right amount of courage and invention. Most dishes need sugar or spices to make them palatable. Most rooms need the softening

touches that make for comfort, the audacious touches that make for surprise, to make them personal.

I sometimes think that the courage to do as one likes is the most essential thing in furnishing a room. We are so often discouraged by our friends or our advisors from doing the very things that would give our rooms character. If we have a profound conviction that we do not want curtains on the windows of our living room we should not allow anyone to persuade us that curtains must be used.

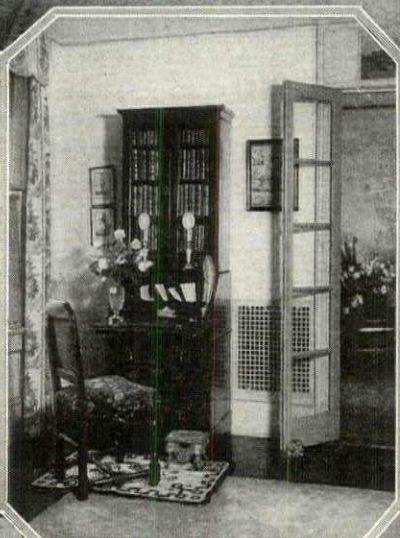
The woman who is responsible for the furnishing of this house had her own ideas, and one of them was a rather startling



*In a small reception room the walls are paneled in grisaille paintings with borders in red. This note is again found in the red lacquer Venetian chairs, in the tole and porcelain vases and the Persian rug*



On each side of the fireplace in the dining room is a cupboard holding an interesting collection of English and American china. The furniture is a mixture of mahogany, peaceful elm and oak.



A small white paneled morning room has a delightful collection of small furniture, pictures and objects of art. By a window is a miniature secretary with sliding shelves for candlesticks.

idea to have the finest room in the house as an upstairs sitting room accessible only through her bedroom. After the low-ceiled American rooms downstairs, you are amazed to go through a narrow passage and to find yourself in a room of lofty ceiling with walls paneled with a magnificent series of Dutch paintings. But we must return to the entrance hall and take up our wanderings from there.

This low-ceiled hall has its walls covered with cream colored paper painted in the Chinese manner by a local workman. A heavy oak chest to hold coats and hats, one or two small tables, and an old oak cradle filled with dozens of growing plants furnish this open passage. From the left you enter a little room which is paneled with an extraordinary collection of grisaille paintings with red borders. This combination of red and grisaille is very unusual. These paintings have been placed over the original white paneling of the room in a seemingly haphazard fashion. No effort has been made to incorporate the decorative painted panels into the old white paneling. A set of red lacquer Venetian chairs, some French tole vases in red, and quantities of red flowers and vases, and a Persian rug in which there is much red, add color to color. Things from every period and from every source are assembled cheerfully.

This room has no especial function except as a background for treasured belongings. It lies between the hall and



The sitting room, which contains a fine collection of French furniture, Chinese porcelains and rock crystal, has walls painted pale gray green with moldings in gold. The windows are curtained in soft yellow taffeta to intensify the sunlight.



dining room and sometimes a table is brought in and luncheon is served here, if one feels in the mood. Just beyond is the spacious low-ceiled dining room with characteristic white painted paneling of early American design. An interesting detail of this room is the floor which is made up of plain polished wood boards to within thirty inches of the wall and this thirty-inch border around the room is made of old red bricks waxed and polished. The brick border gives the room a cool and refreshing country air. The windows have no heavy side curtains to conceal the sturdy, emphatic note of their old black wrought iron hinges, but are softened simply with white sash curtains.

On each side of the fireplace there is a cupboard holding a collection of English and American china. The mantel has a formal garniture of clock, two old Georgian silver trays and small vases. The furniture is a mixture of mahogany, elm, and oak woods of English and American origin. There is also a French console which holds an enormous tole jardiniere of flowers. Above the flowers hangs a beautiful Italian flower painting. Under this console is an old knife box and a large painted tin tray on the brick floor.

Across the hall is a library where books wander around the walls and into a recessed corner. Comfortable sofas and chairs fill this room and a collection of  
(Continued on page 98)

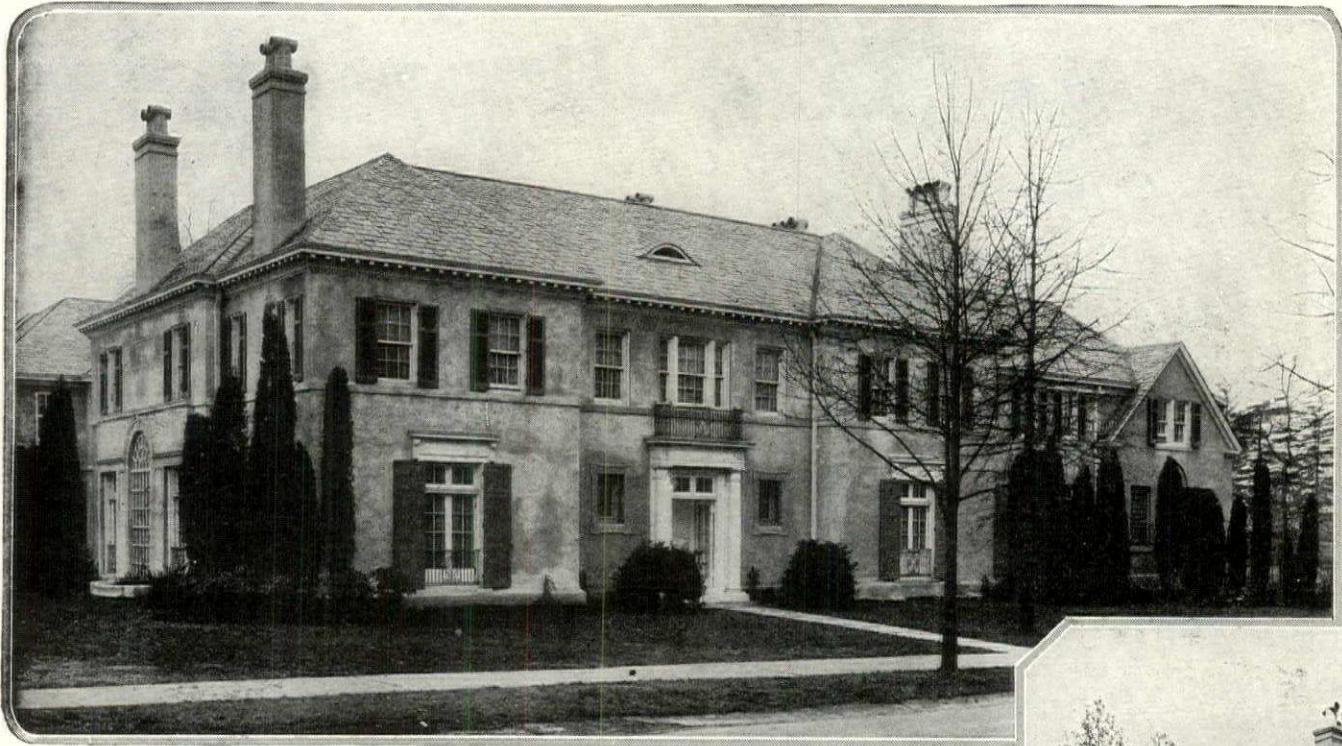
*A tiny writing room has a delightful collection of Chinese things. The Chinese rug is in warm mauve and pink, the curtains are patterned with Chinese vases and flowers and a small lacquer cabinet is filled with Chinese porcelains*

*In a corner of this dining room is a French console which holds a tole jardiniere filled with flowers. Above it hangs an Italian flower painting and underneath are a painted tray and old knife box.*



*On account of the view no glass curtains are used in any of the windows. Interesting features of the large living room are three magnificent Spanish rugs and a pair of chairs which once stood in Thackeray's library*

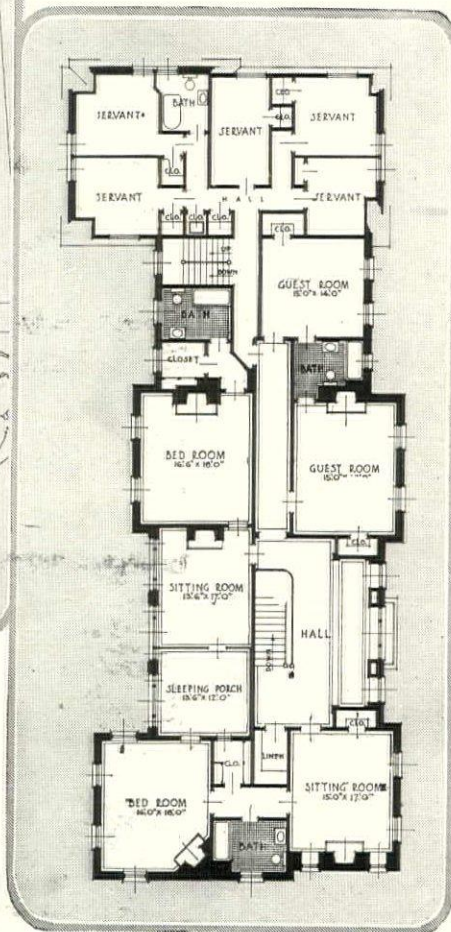
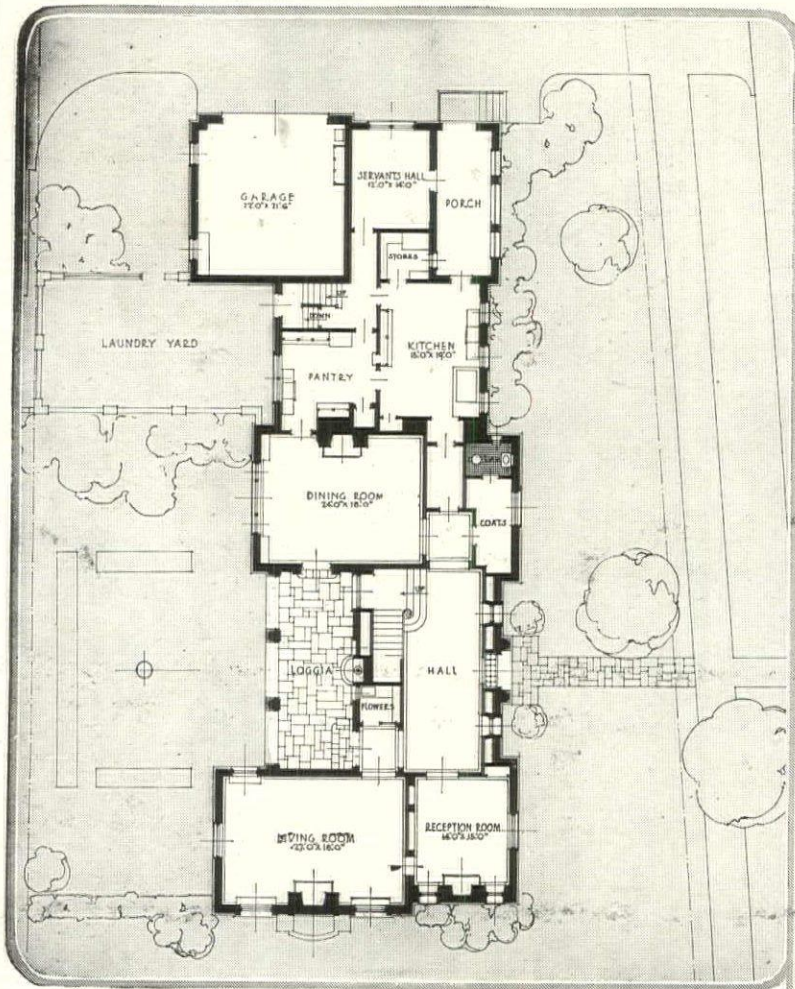




*This house and the house illustrated on the opposite page present an interesting study in architectural relationship. They were designed for related families, and occupy the same corner plot, with a garden space between them. Both have been in a designed modified Italian manner, with gray stucco walls and blue-green slate roofs*



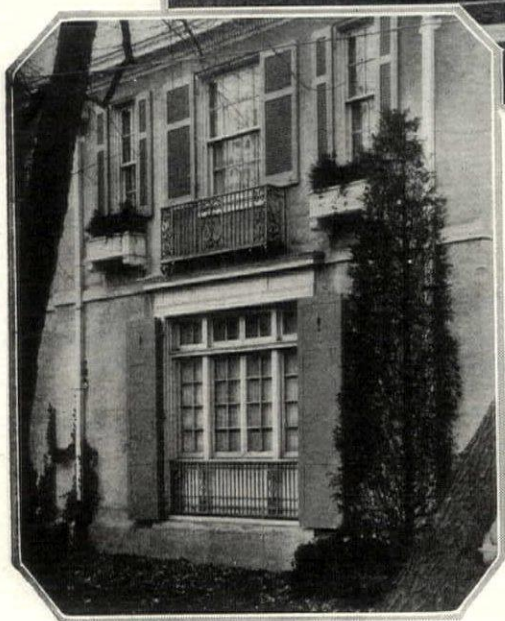
*The loggia, with sitting room and sleeping porch above it, seen across the garden space which lies between the two houses*



*The plans show a good practical arrangement of rooms for a long narrow house on a corner lot. The first floor plan provides for an unusually large coat room and lavatory, and an interesting provision is also seen in the "flower room," next the loggia vestibule*

**THE RESIDENCE**  
**OF MRS. NELSON PERIN**  
 ROLAND PARK, BALTIMORE, MD.  
*Parker, Thomas & Rice, Architects*

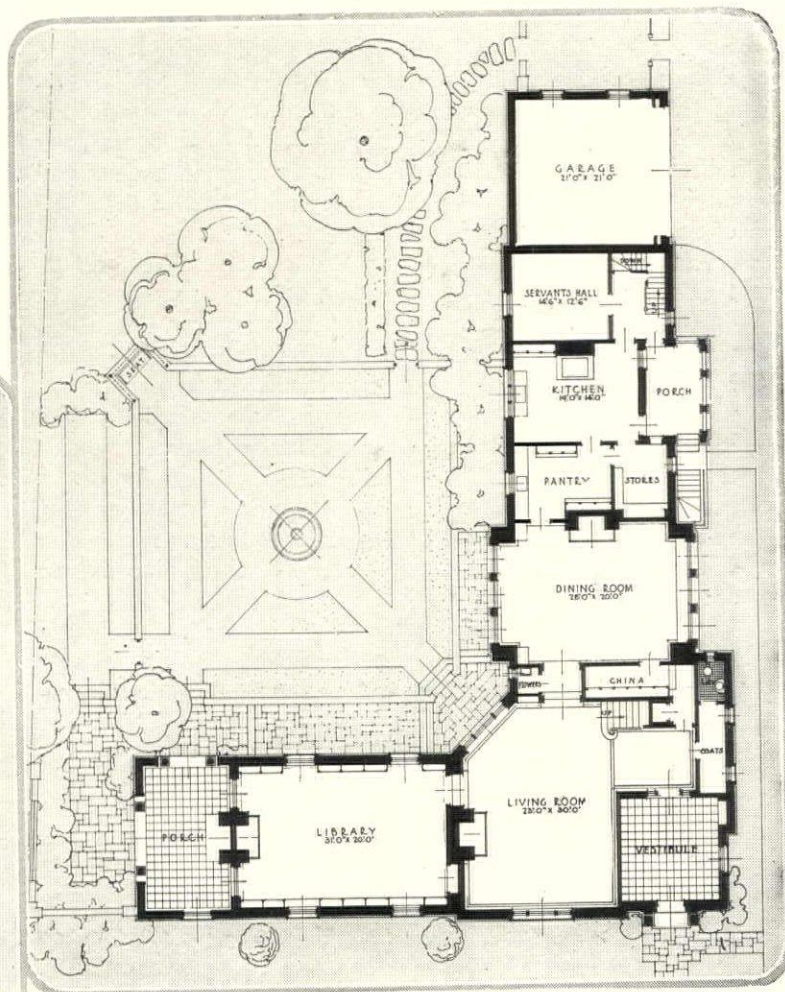
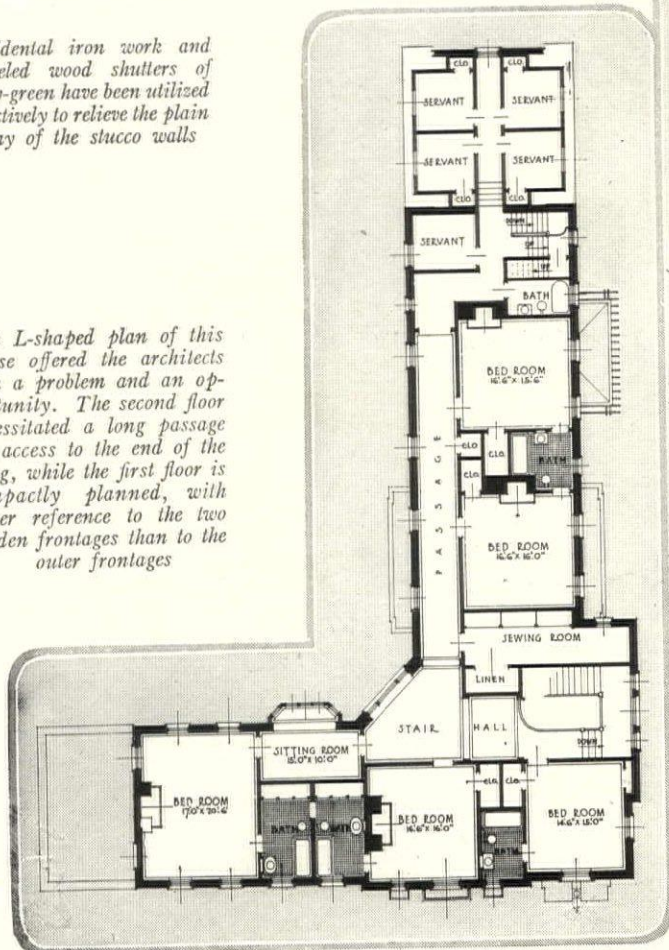




*There is a well-designed architectural affinity between this house and its companion house illustrated opposite. Similarity of character has been effected without sameness, and the two houses, seen from whatever angle, quietly harmonize with each other. The details of doorways and windows are designed with restraint*

*Incidental iron work and paneled wood shutters of gray-green have been utilized effectively to relieve the plain gray of the stucco walls*

*The L-shaped plan of this house offered the architects both a problem and an opportunity. The second floor necessitated a long passage for access to the end of the wing, while the first floor is compactly planned, with closer reference to the two garden frontages than to the outer frontages*



THE RESIDENCE  
OF WILLIAM WHITRIDGE  
ROLAND PARK, BALTIMORE, MD.  
*Parker, Thomas & Rice, Architects*

# ROOMS THAT ARE LIVED IN

*New Rooms, like New Shoes, have to be  
Broken in Before We can Really Enjoy Them*

ONE of the most desirable things to attain in the furnishing of a room is to give it the appearance of having been lived in. All too many of our rooms, fresh from the hands of the decorator or the furniture department, present not only the appearance of having not known human contact, but give the impression that human contact would spoil them. Chairs and tables and lamps and accessories are grouped together with a studied nicety to produce an effect; to move them about, to change them from their appointed places, would upset the entire scheme of decoration.

This strange condition is due to the fact that much of our modern furnishing and decoration is done with *things*; too little of it takes into account *people*. We make pictures with our furnishings instead of creating with them environments in which to live. To serve the needs and comfort of people and to entertain them—these are the two functions of furniture, of accessories of rugs, of a color scheme. The chair that cannot be sat in with comfort can never give the appearance of having been sat in; the room that cannot serve and entertain its occupants can never give the appearance of having been lived in. Comfort and entertainment, then, are the standards by which to select and arrange the furnishings of a room.

COMFORT, of course, is perfectly obvious. It connotes such objects as commodious chairs, convenient tables, lamps that give ample light both when and where it is required, a floor covering which is pleasant to the tread and a color scheme which does not protrude itself to the discomfort of the occupant's eyes. To select furnishings, accessories and a color scheme that are entertaining, is a more difficult, subtler and more personal affair. We had better begin with a definition of the word entertaining.

Among the eleven definitions of the word, Webster says that to entertain is to receive and to hold. The signboards of our old inns used to carry the line "Entertainment Provided," which meant that strangers were received there and so held by the hospitality that they felt at home. Mere amusement, which is the common understanding of the word, is the least of its definitions. To receive and to hold its occupants, then, is the purpose of a room's furnishings. Try the definition out in actual practice. Go into a room. If you have a feeling that the room is welcoming you, you will want to stay in it. You will know, so soon as you set foot across its threshold, whether or not that room is entertaining.

Being creatures of moods, men and women naturally are not all entertained by the same sort of things nor are we always entertained by the same things. The room that entertains us today may find us in a different mood tomorrow. However, the rooms which we most enjoy and live in most are those

which appeal most constantly to the majority of our moods. Of the color scheme we never tire, we never weary seeing this chair and that table; the comfortable furniture group breeds in us a feeling of contentment.

YOU often hear it said that a room reflects the personality of the owner. This is a pretty phrase that is applicable to about one room in ten thousand. Few of us have such a definite personality that it can be reflected, and many who have a definite personality cannot express it in terms of furnishings and colors. We may have a notion of what we like, but in the majority of cases our likes follow the contemporary current of taste. If a blue dining room is the apparent style, then a vast number of people acquire blue dining rooms and thereafter flatter themselves with the notion that a blue dining room expresses their personality.

On the other hand, we would not suggest that you surrender yourself totally and without protest to the decorator or architect. Between the sheepish following of current taste and the complete effacement of one's personal likes and dislikes, lies a middle path along which all of us may walk. The most successfully decorated rooms are those in which both client and decorator work in accord, each respecting the wishes and tastes of the other.

THE room that reflects the personality of the owner, the room that looks as though it had always been lived in, is rarely the entire creation of a decorator or architect; or, if it is the work of a professional, the objects used in its furnishing are things which have been associated with the occupant—or should have been associated—in other places and states of life. In short, a room that looks lived in, has been lived in. The furniture or the pictures or the rugs have known human association before; they have taken on the warmth and genial friendliness of human contact.

But, you say, what shall we do to a newly furnished room to make it appear comfortable and entertaining? Do precisely what you do with a new pair of shoes or a new suit. You "break them in," by wearing them; gradually they will conform to your gestures and mode of action. So will a room. Its furniture should be moved about until it conforms to your convenience, so that it satisfies your desire for entertainment. You can only do this by living in the room, by making it a part of your day-to-day life. Gradually, as time passes, your personality, through its desires, its notions and its moods, will impress itself upon that room. When your friends think of you they will picture you against the background of that room; when you desire tranquility, when you want a safe harbor from the vexations of life, when you want most to enjoy yourself, that room will give you these things.





## LILIES ALL THE WAY

*Part of an old canal, long since passed out of use, forms a Lily pond in this English garden, at Westbury Court in Gloucestershire. The banks are bordered by clipped Yew hedges and the water is covered in summer with Water Lilies that extend all the way from end to end.*

*To reproduce such an effect in this country we might substitute clipped Hemlock hedges for the Yew. In such a protected canal, many of the beautiful tender hybrids might be wintered over without trouble. The only obstacle, of course, is first to find the canal*

# MODEST AND SELF-ASSERTIVE BEDS

*As a Third of Our Existence is Spent in Bed, This Piece of Furniture Should be Chosen for Beauty as Well as Comfort*

JOHN BARCHESTER

**I**F THE importance of a piece of furniture depends on the frequency with which we use it, then of all our household possessions the bed must take the first place. For while some may sit long and glutinously at the dining room mahogany and others may be tied to the desk or the sewing table, all of us, whatever our profession, whatever our habits, must spend at least a third of our mortal existence in bed. Beds are perhaps the most necessary and indispensable of movables; one can cheerfully eat off the floor, one can write on one's knee, but one is very loth to sleep anywhere but on a bed.

It is with this essential piece of furniture that the present article deals, in no sense comprehensively or historically (for it is not our business in "HOUSE & GARDEN" to say how the Babylonians slept or describe the joinery of the ancient Hittites), but rather with a practical, discerning eye to what the ordinary householder of today will be likely to find convenient and comfortable, useful and beautiful.



*An elaborate gray and gold Directoire bed with henna satin hangings trimmed with wood fringe. Chandler W. Ireland, decorator*

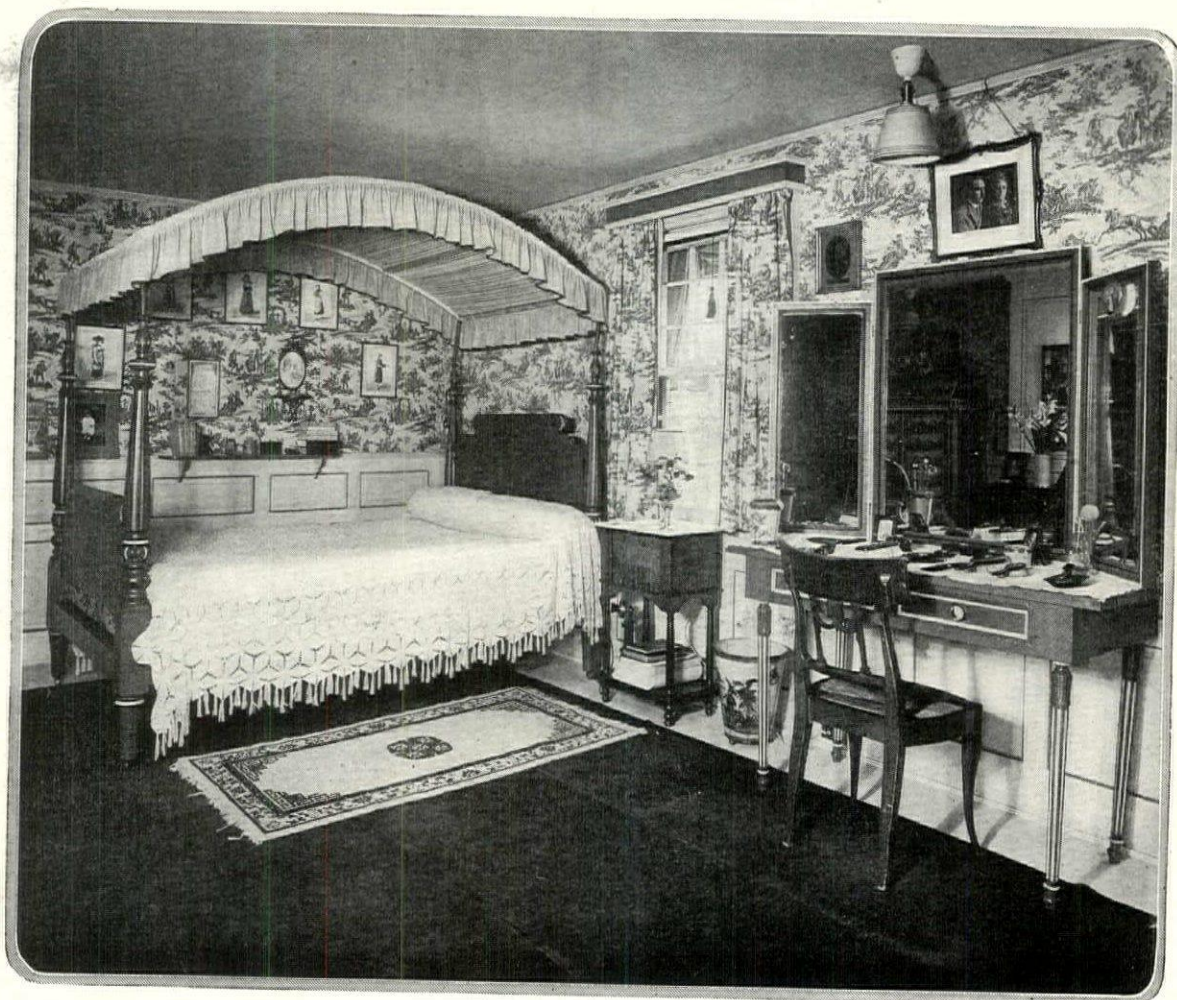
*(Below) Because of the pattern and color in the walls and curtains of this room, the bed hangings have been kept plain white*

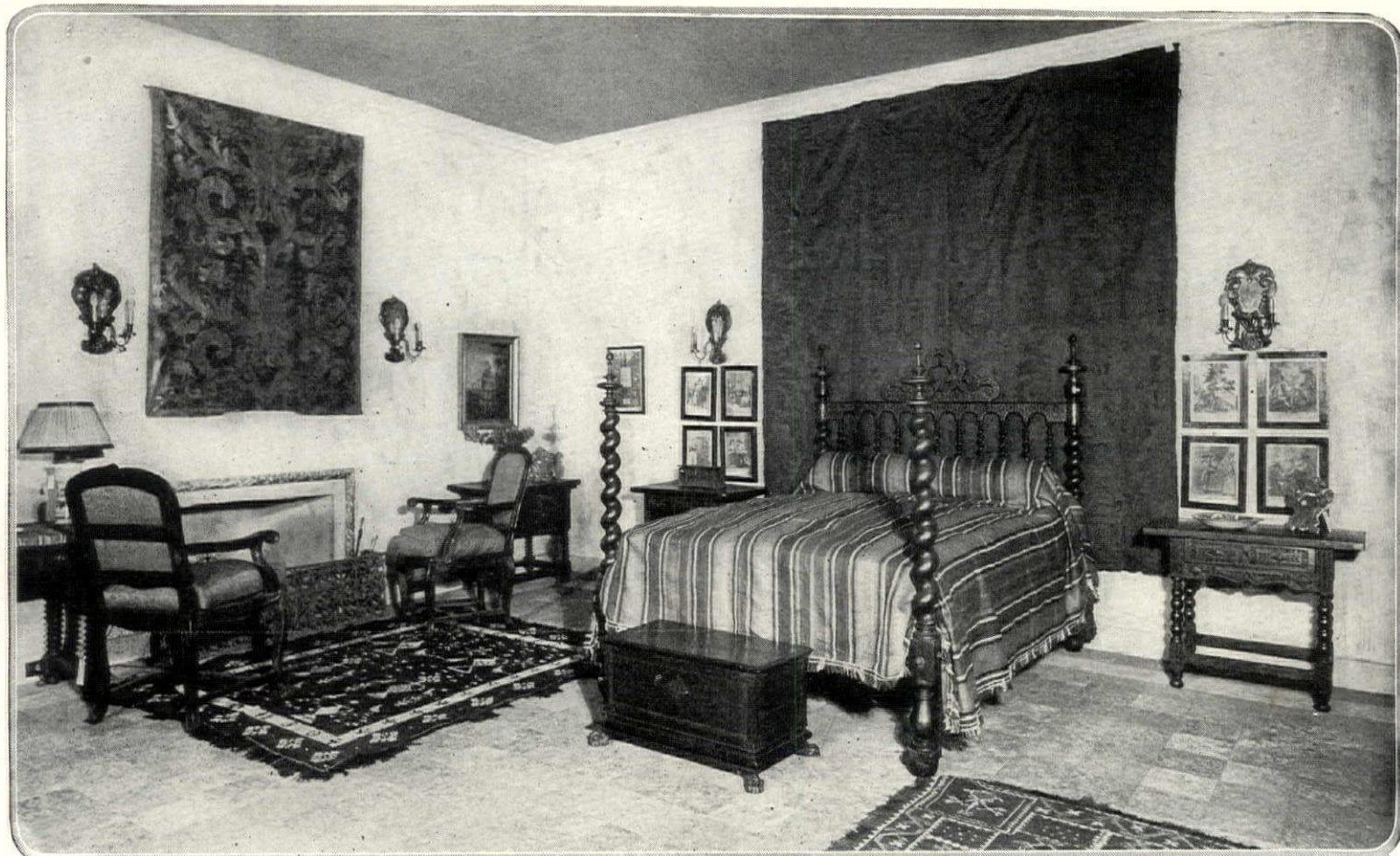
For the purposes of the present article beds may be divided into two categories—the beds which are obviously and assertively beds, the beds which insist, in every feature of their design, on their essential beddiness, and the beds which, so to speak, deprecate their bedhood and are not forward in asserting their true character. In these days, when houses are scarce and expensive, and when many of us have to be content with few rooms and small, the unobtrusive beds of the second category have assumed a greater importance than they possessed in those more spacious days of before the war.

The simplest and most convenient type of these beds is the divan. This takes the form of a stout box spring surmounted by a mattress which forms the foundation on which the bed clothes are laid. During the day the divan is enveloped in an ample bed cover of a material whose color is in harmony with the established scheme

of the room. Cushions are sprinkled over it, after the Turkish fashion, and it

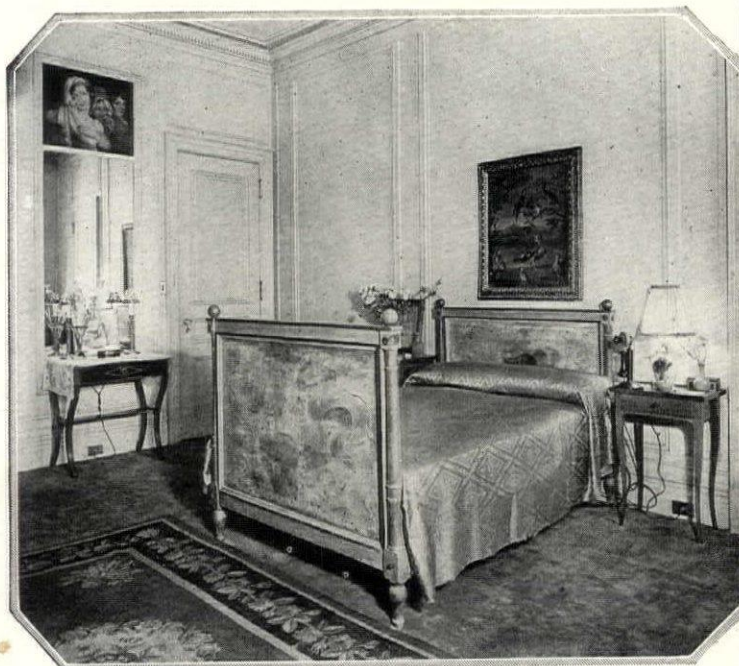
*(Continued on page 118)*





The ornamental Spanish bed in the picture above with its graceful twisted posts and smart striped spread is the dominant feature of this Spanish bedroom. Decorations by John Wanamaker

A charming bedroom in the home of Mrs. H. O. Hodges has a day bed covered and draped in blue taffeta, curtains of flowered linen. John G. Hamillon, Inc., decorator



The distinction of this bedroom is owing to the restrained manner of its furnishings. The simplicity of the French bed is in accord with the paneled walls. Ruby Ross Goodnow, decorator



Colorful Toile de Jouy has been used for the curtains and bedspread as well as on the head and footboard of this French bed. Diane Tate and Marian Hall, decorators

# THE STORY OF DR. WALL'S WORCESTER

*The Origin, Development and Distinguishing Qualities of Worcester China's Earliest Period*

T. HADLEY

THE history of Worcester porcelain falls into two unequal divisions. The first dates from 1751 (when Dr. Wall's factory was opened) and terminates in 1783, some seven years after his death, when the whole concern was bought by Mr. Flight for £3,000. The Flight, or Flight-and-Barr, period marks the beginning of the second phase.

The term "Old Worcester" usually means the china that was made during the thirty-odd years of the first period.

Dr. John Wall, the founder, was an able and all-round man. Concentrating upon the materials of the china body, his experiments and his acumen resulted in the establishment of the first Worcester porcelain company. Contemporary writers, while lauding Dr. Wall as a genius, have surrounded his discovery with mystery, and, for the most part, have avoided detailed information concerning it. It was a time when all was experiment and discovery; the history of European porcelain was still at the first chapter. As yet the West-



Above is an example of Dr. Wall's Worcester of the very best period, 1760, painted with subjects from Aesop's fables. The knife and fork are part of a famous set



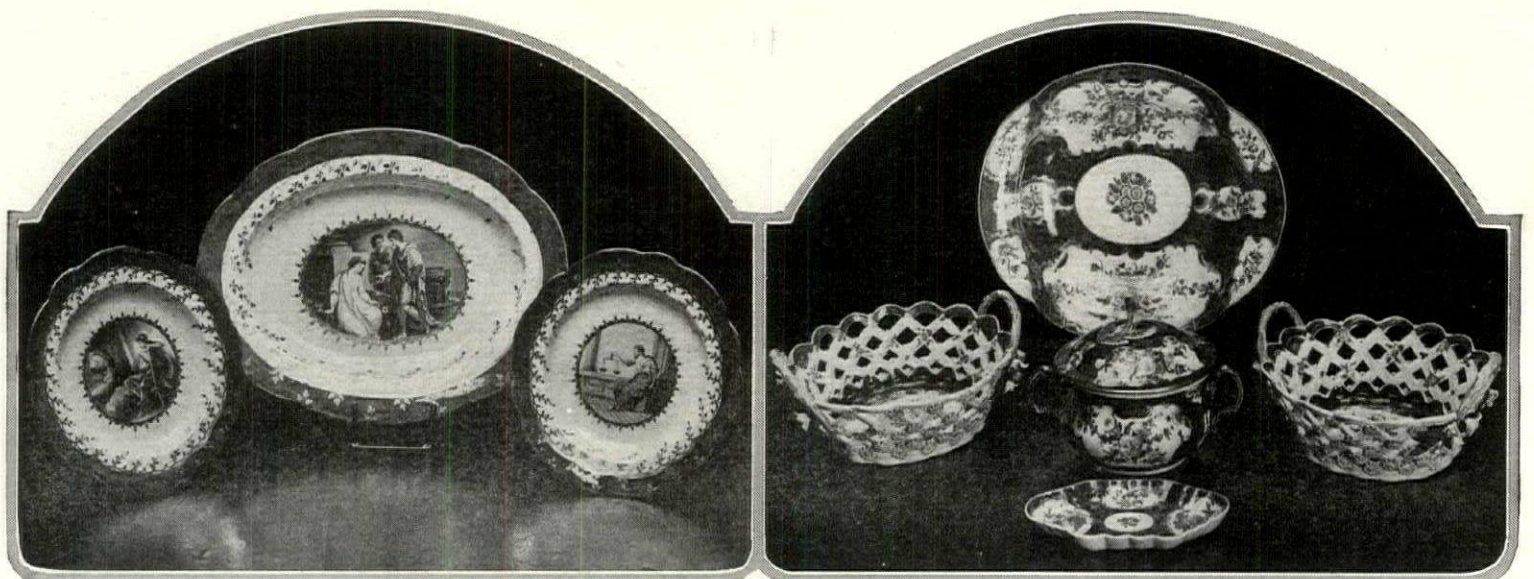
The large jug with mask spout has Chinese landscape decorations on a canary yellow ground. The mug beyond it is decorated with a claret border and a chased gilding



ern world was unaware that the true china ingredients—kaolin and petuntze—existed out of China; artificial substitutes were the object of all research. Chelsea, Bow, Fulham, Derby—each factory aimed at perfecting the body and glaze of their soft paste, and, with jealousy, each guarded its own recipe.

The result of Dr. Wall's experiments was pronounced "A body of surpassing excellence," and the first Worcester Company was at once formed, and the new works were opened at Warmstrey House, on the Severn's banks, in 1751. The crescent, which was adopted as a mark by the company, was taken from the Warmstrey coat-of-arms, which still hung there. It appeared in connection with a "W," which may have stood for Worcester or for Wall.

Recent investigation has proved that the ingredient which from the beginning distinguished Dr. Wall's porcelain from the productions of Chelsea, Bow, and other contemporaries, was soap rock (steatite); further, that the value of the  
(Continued on page 102)



Chamberlain Worcester, dating from 1815. The oval dish and two dinner plates are from a service made for George the Fourth while Prince Regent. Each piece is painted in medallions illustrating various subjects and bordered with dark blue

Above are some examples of the blue scale designs made by Dr. Wall in 1760. The group consists of a large oval dish, a pair of baskets, a very rare two-handled bowl with raised rosebud handle to the cover, and an unusual oval spoon tray



Gillies

*The V. F. Mulford garden at Montclair, N. J. is developed with perfect balance around the central pool, with sheared boxwoods serving as accent points. An unusual amount of pathway space fills the double purpose of providing easy access and keeping the beds small enough for the necessary care*

*Box edgings keep the beds neatly within bounds. A trellis background and a little tea-nook that face the house help to complete the sense of seclusion which the surrounding evergreens and deciduous trees build up at the sides of the garden area. Hiss & Weekes were the architects*

THREE PAGES  
of  
DISTINCTIVE  
GARDENS



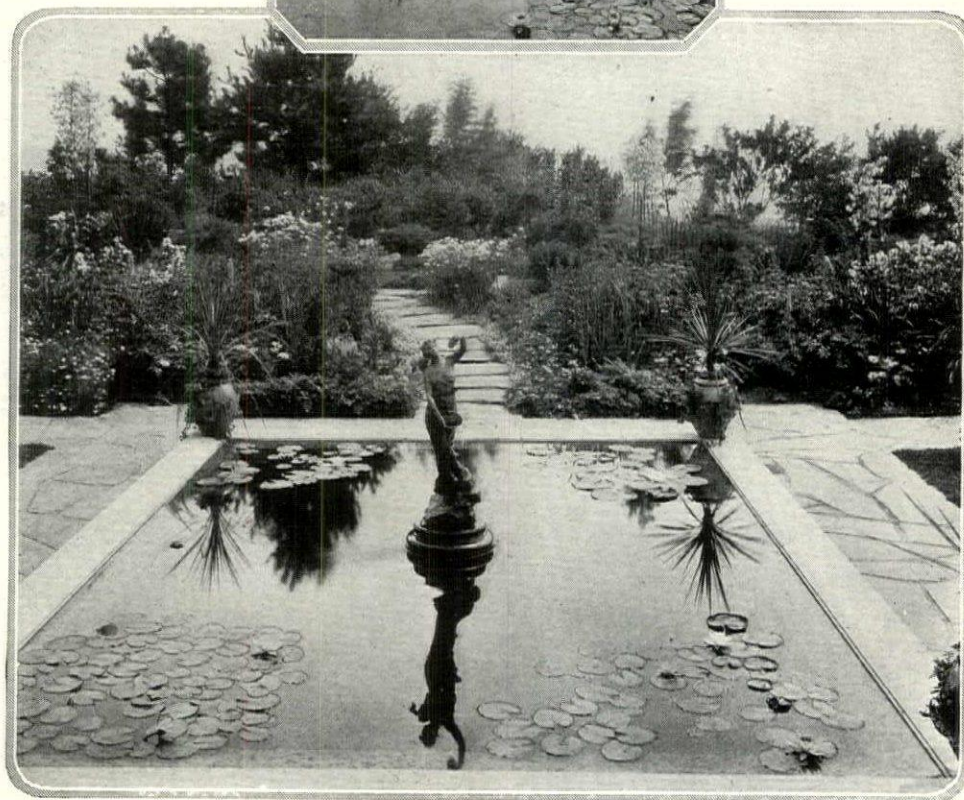


M. E. Hewitt

*On Carigas Island in Long Island Sound, off the Connecticut shore near Stamford, is this garden designed for J. Percy Bartram by Charles Downing Lay, landscape architect. Its walls, steps and garden house are built of the native rock*



*The principal feature of the garden's formally planned section is the pool, set between two panels of turf and bordered by a raised coping of limestone. The water level of the pool is several inches above the surrounding flagged path*



*From one side of the garden centered upon the lengthwise axis of the pool, a rambling path of large slate slabs leads to higher ground where the planning and planting have been carried out with an appropriate informality*





M.E. Hewitt

*In looking across the garden towards the house one gets no hint, and rightly enough, of the wildness with which this stretch of smoothness and symmetry is surrounded*



*From the flagged terrace, lying along the whole water front of the house, there is a sweeping view of the Sound, unbroken by nothing but an occasional tree*

*Hydrangeas, in tubs, form an important part of the decorative scheme of the garden, as they can be easily removed from their windswept positions in winter*



## A GARDEN IN THE SOUND

CHARLES DOWNING LAY, *Landscape Architect*

# THE FURNITURE OF NORMANDY

*Because of the Beauty of Its Line and Its Substantial Structure  
the Simple Furniture of Normandy Warrants Our Attention*

FRANCES WILSON HUARD

LEGION are the Americans who, returning from Deauville, have stopped at the Inn of William the Conqueror and have been charmed by its atmosphere. Hundreds are those who have made a halt at the "Hostellerie du Bois Joli," and have come away ravished by its spell. And innumerable are they whose motors have threaded their way through the neat little villages whose thatched roofed cottages border the main street, their windows aglow with brilliant geraniums, while behind them the gently undulating countryside is carpeted as with a snow of apple blossoms.

I have never met anyone who was not sensitive to the beauty of Normandy and it is therefore not extra-



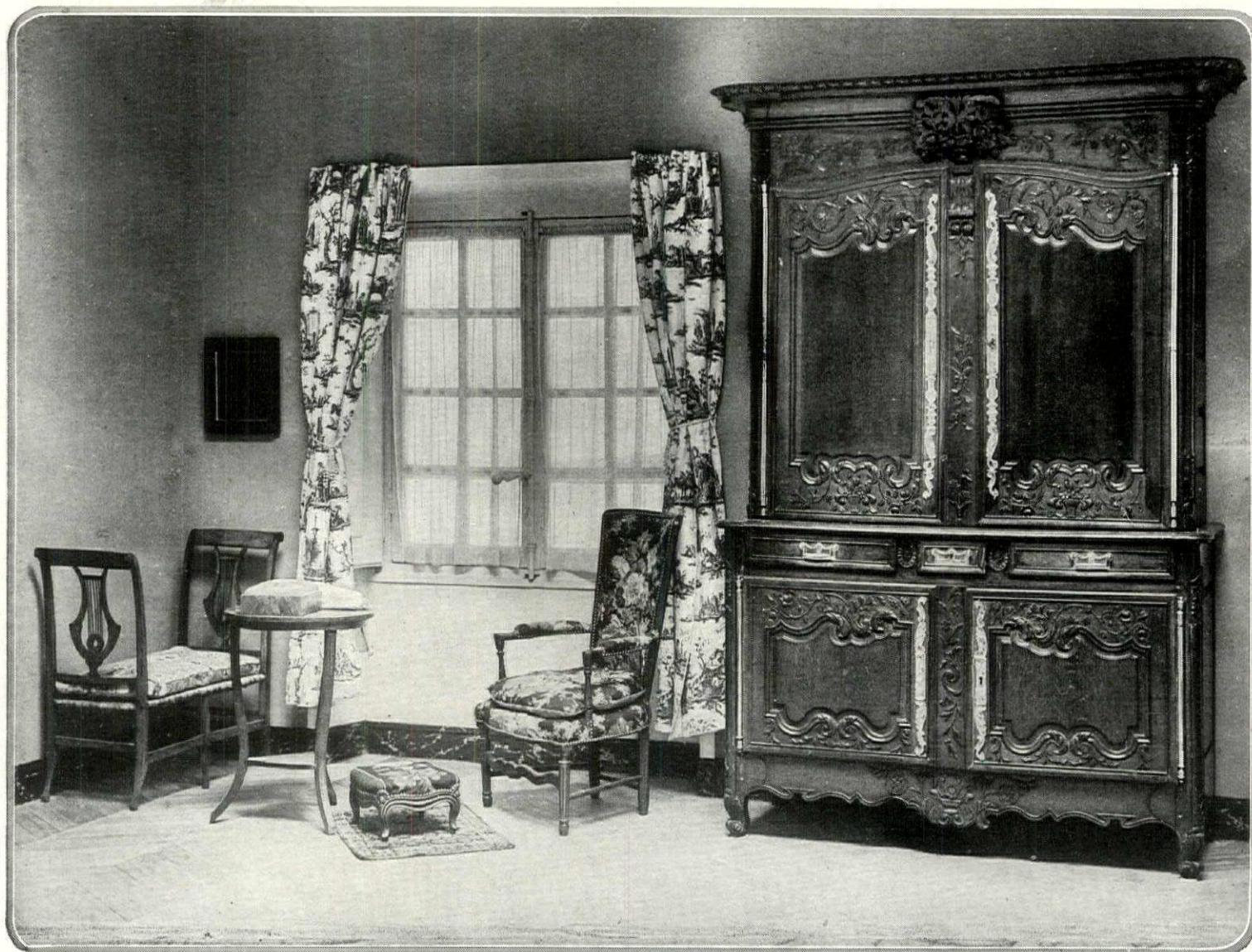
*A croner in a Normandy kitchen showing the plate and pitcher rack and the long dresser. The lines of the latter are simple and dignified*

*A Normandy sideboard in red oak. Near it is a bergere of native design covered with brilliant chintz. From the collection of the author*

ordinary that the taste for Normandy interiors and Normandy furniture should come into vogue. In fact it is surprising that it should have been so long coming to the fore, and it will certainly be welcomed as a pleasing deviation from the Italian interior or the English cottage, encountered so frequently along the Jersey coast, the Boston Post Road or on Long Island.

The Normandy interior, invented for their comforts by an economical, enterprising, home-loving people, has the appreciable advantage of being durable in wear and modest in price.

It was, I think, a Norman peasant who, when questioned as to why he hauled stone to build his house when there was a



brick factory close at hand, replied, "Because brick only lasts eight hundred years!" It therefore stands to reason that in a country where such are the considerations, things like furniture are built with an eye to durability.

It used to be a custom to choose the finest oak trees, to fell them and split them up into planks which were carefully stored away in the garret to dry, years in advance, so that they would be in perfect condition to build the furniture when the youngster of the house should become a bride.

It is thus that we possess several admirable pieces, now more than two centuries old, and in perfect state of preservation; as sound and free from worm holes as the day they were made. The oak, from constant care and continuous polishing, has taken on a deep mahogany hue, and sometimes when I stop to admire it, gently rubbing my hand over the softened edges of the carving or the smooth satin-like surface of the panels, my husband exclaims: "Made from the trees off our own grounds; one of the finest sites, in what is still one of the most beautiful corners of Normandy!"

A true Norman statement. There is something, you know, in being convinced, and a great deal more in being content.

As far as designing and proportion are concerned one could not ask for better. Here we have to do with a people who really possessed what is known as "le grand gout"; the people of the most imposing cathedrals, the finest chateaux. Whether they manufactured pottery as at Rouen, cotton

(Continued on page 100)



A Normandy "armoire" in native oak, which time and constant polishing have given the appearance of mahogany. The extension table is in oak. The porringer is a white faience Pont-au-Choux

Normandy chairs are found in a great variety of designs. This lyre-back chair with a rush bottom is quite characteristic. The low oak table, native to Normandy, has a charmingly simple design



A double chaise longue from Normandy. This piece of peasant furniture is of oak and the seats have rush bottoms. The two parts together make a commodious resting place or each can be used alone with a stool at the end. The covering is a flowered chintz





Tapering legs, ornamental ankles, stretcher and a carved apron are characteristic features of this Louis XVI. console

# LOUIS SIXTEENTH FURNITURE

*An Outline of the Most Salient Features in This Remarkable Period of French Design*

MR. AND MRS. G. GLEN GOULD

**I**N THE Louis XVI Period are grouped furniture designs of a quality to delight architects and artists of every sort. Those who plan and build for the insides and outsides of such structures as man needs for his home, his social, his intellectual, financial and political functioning, seem periodically to grow weary of the freedom of rococo or baroque detail and rest well content in a return to classic sources in Greek and Roman ornament.

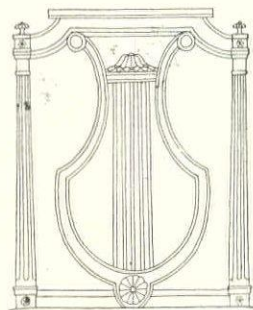
It is difficult for us to dramatize for ourselves today the flutter that passed over

Europe at the unearthing of Pompeii or the excavating among the hills of Rome. In comparison, the recent Tut-ankh-amen flurry is a mere puff of summer air to the strong northeaster on our coast.

The events which gripped the thought of the Adam Brothers in their architectural and decorative work affected no less vitally the artists of France.

Louis XVI design in furniture is but a single outcome of this revival, a second Renaissance echoing that of Italy in the

(Continued on page 110)



A lyre-back design from a Louis XVI chair, showing the delicacy of the design



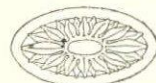
A characteristic tapering table leg



The ornamental foot of a Louis XVI chair



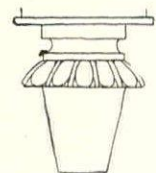
An ornamental ormolu mount. This kind is characteristic



An oval knob for the drawer-pull of a desk



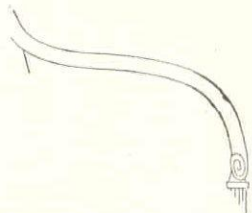
A keyhole mount for a desk of delicate and decorative design



A characteristic Louis Seize foot



An interesting ormolu decorative mount



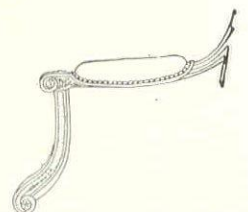
One of the features is the downward sloping chair arm into the support



The rectangular construction of this chair is typical. Note fluted legs with ornamental ankles



An upholstered Louis Seize chair arm with receding curved support



A carved, painted and gilded arm-chair of another type showing the arched top and fluted legs

## A LITTLE PORTFOLIO OF GOOD INTERIORS



Wynn Richards

## A FIREPLACE GROUPING

*Because of the graceful and balanced arrangement of furniture and accessories, quite as much as the intrinsic beauty of the pieces themselves, the fireplace grouping is easily the dominant feature of this drawing room. The walls are a soft greenish blue, a delicate contrast to the stronger colors in the old painted*

*screen, rugs and flower panel above the mirror. The mantel arrangement of flower vases, small flower paintings and a pair of old painted fans with flower decorations is especially pleasing. This drawing room is part of a tiny house that sits on the roof of a New York office building, the home of Mrs. A. F. Tiffany*

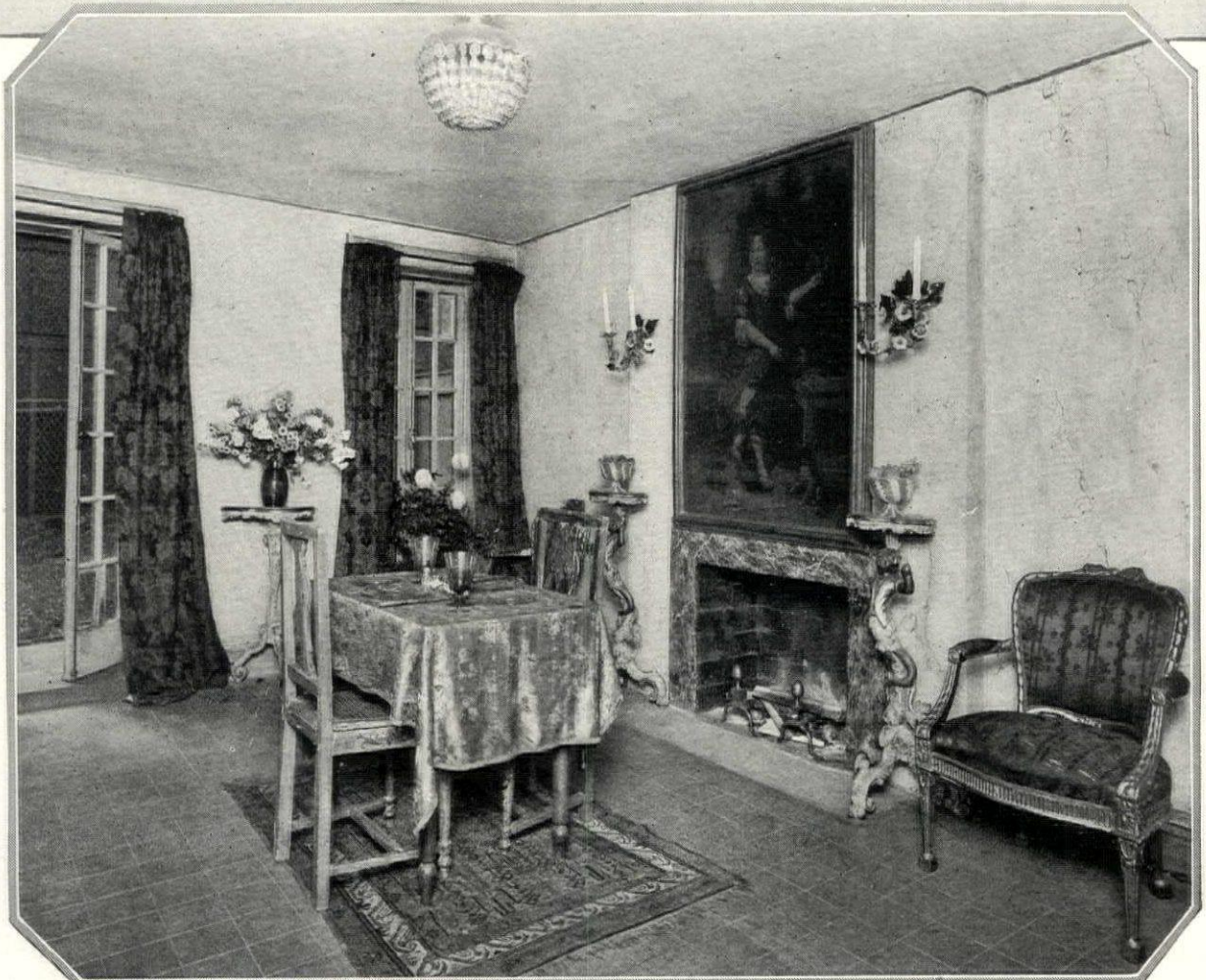


The furniture has been so well arranged in this living-room that although there is a considerable amount, one gets no impression of over crowding. There are three distinct groups—the window, the desk and the fireplace. It is in the home of Mrs. George G. McMurry. Mrs. Emott Buel, decorator

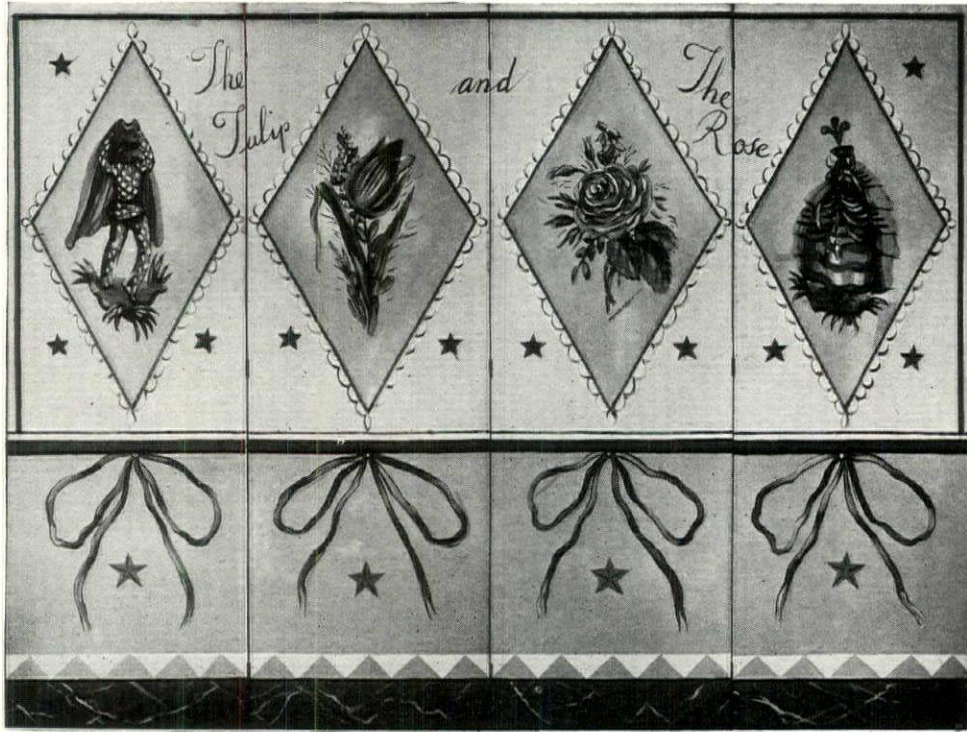
An air of architectural distinction has been given this living room by two circular top built-in bookcases and by the addition of a black and green marble mantel. The walls and curtains are gray green and the chairs are done in blue and pink toile. It is in the home of J. D. Sawyer. Mrs. Emott Buel, decorator



*This fireplace end of a small drawing-room shows an interesting and livable arrangement of furniture. The black and gold Directoire day bed is charming against the oyster white taffeta curtains trimmed with gray lace ruffles. The walls are oyster white and the woodwork is painted deep cream and gold, an effective combination*



*An effective dining-room that opens into a garden has walls marbled mauve pink with pink woodwork. Painted Venetian chairs and crimson damask curtains tone in with the walls and the odd Venetian consoles are painted black, gold and green. Both rooms are in a remodeled New York house and were decorated by Gertrude Newell*

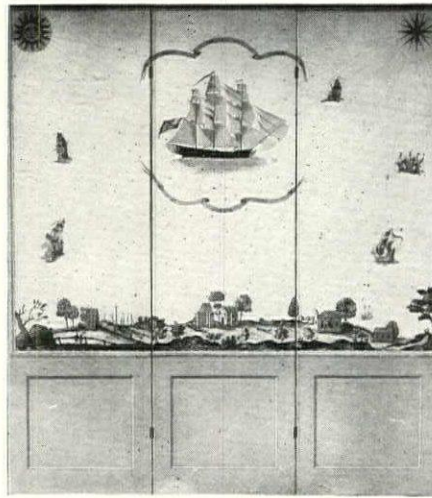
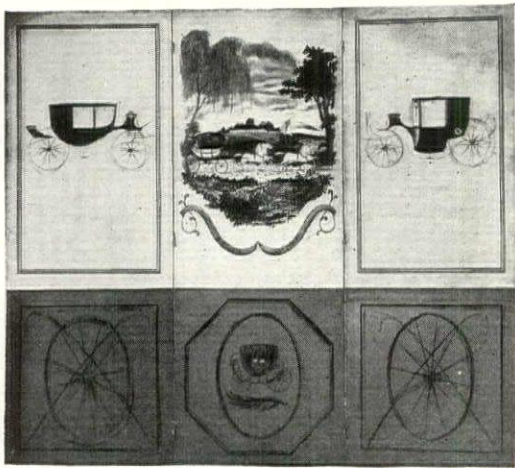


**PAINTED  
SCREENS**

From  
*John Wanamaker*

The four-panel Directoire screen above with its formal design like an old fashioned valentine was painted by Joseph B. Platt

The screen above would be charming in a bedroom or morning-room for its colors are delicate pink, blue, gray and a little black

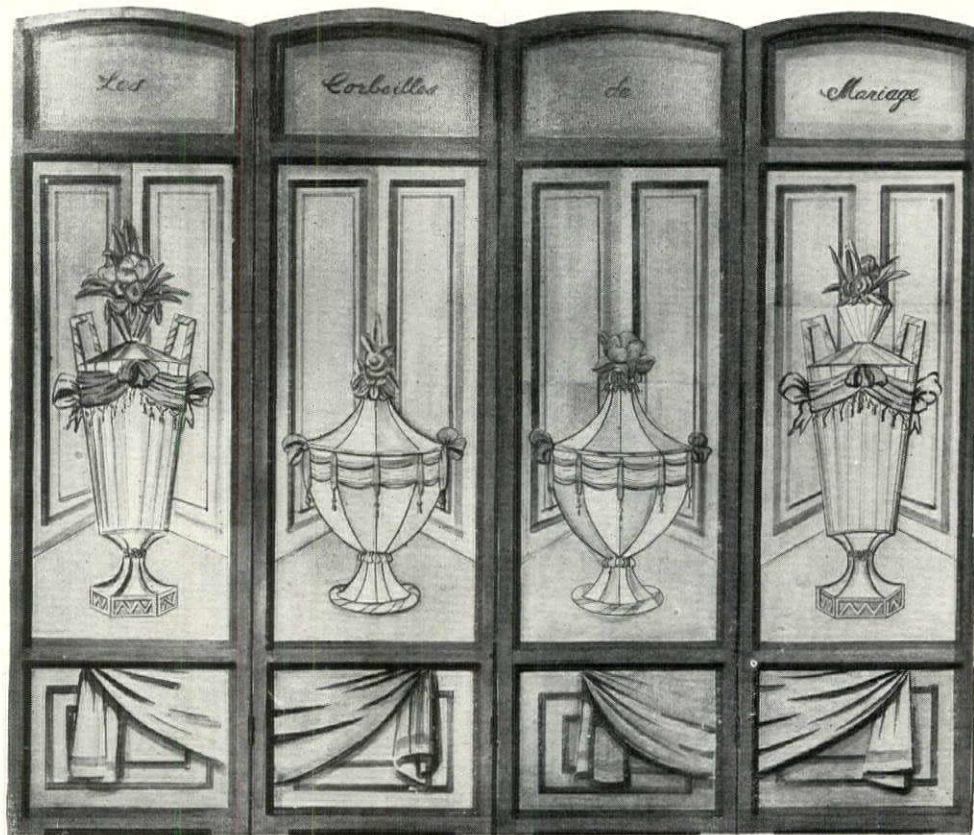


The colorful and effective screen above, suitable for an early American interior, is by Allen Sallburg



An old coach and four make a delightful design for a three-panel screen. The colors are gray, ultramarine, bright red and apple green. By Allen Sallburg

The figures on the striking screen above were inspired by Persian miniatures. They are in bright colors on a silver leaf ground. Painted by Victor White



A small four-paneled screen, Victorian in character, is done in bright tones of green, terra cotta, violet, yellow and brown. It was painted by George Sackier



# WHAT DO YOU CALL THAT PIECE?

*A Glossary For Those Who Would Appreciate Furniture In Its Various Phases*

ANGELO N. ROMANO



*A bergere, a French upholstered armchair*

2. ARMOIRE. One of the oldest words in the cabinet-maker's vocabulary and one of the most ancient pieces of furniture. A closet or cupboard solidly if rudely constructed of wood, furnished with locks to keep objects of value and one's personal effects. Mention is made of them in the 13th Century and a few specimens of those days, mostly church pieces, are still to be seen.

3. BERGERE. French comfortable arm chair with upholstered back and sides and squab cushion, made its appearance at court towards the end of the reign of Louis XIV when chairs lost something of their formality and began to be grouped about the fireside, thus facilitating the exchange of whispered conversations.

4. BLOCK FRONT. Term applied to a peculiar construction of drawer or door fronts which project instead of being paneled. First found in England about 1740 and which became very popular in some of the Early American furniture.

1. APRON. A flat piece of wood extending between the tops of the legs of a table or chair, or at the base of a cabinet. It may be plain, shaped or decorated, flat or bombé.

5. BOMBÉ. Past tense of the French verb "bomber" implying a convex or bellied effect. We speak of a commode with a bombé or swelled front. In great vogue under Louis XV and much featured by Chippendale.

6. BUTTERFLY TABLE. Small folding tables with splayed legs, generally turned, and with wing brackets to support small leaves on either side. These tables often made of pine and were popular in Early American days.

7. CABRIOLE. A cabriole leg is one that springs from the foot with an inward

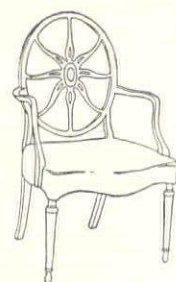
curve and terminates at the top with an outward one. This type of shaped leg, popular in England towards the end of the 17th Century, came to us from France *via* Flanders. It is one of the earmarks of Queen Anne's Reign.

8. CANAPE. The French equivalent of our sofa. This piece of furniture, seating four or six persons, became fashionable in France during the last years of the 16th Century. The word sofa is of Turkish origin, being the name given to a sort of platform covered with rugs on which the Grand Vizier sits cross-legged while holding audience.

9. CANT. Synonym of rake, meaning when applied to furniture, the incline or slant of a settee or chair back.

10. CANTONNIERE. A bed hanging used in France from the middle of the 16th Century on outside the bed curtains to prevent draughts from penetrating at the corners. About 1750 they began to be made of needlework or tapestry and used as window or even door decorations.

11. CHAISE LONGUE. French, as its name implies a long chair, a sumptuously comfortable, well-upholstered piece  
*(Continued on page 104)*



*A wheel-back chair of rather usual design*



*A ladder-back chair of American origin*



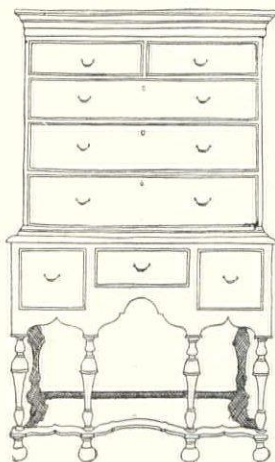
*The roundabout-chair, for corners*



*One of the variations of the spindle-back*



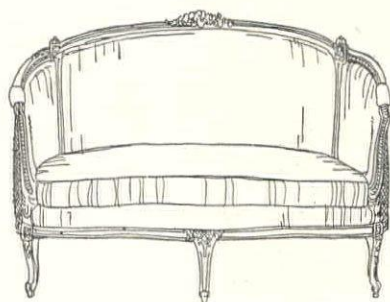
*The lowboy is so called because of its size*



*The highboy is a chest of drawers on a base*



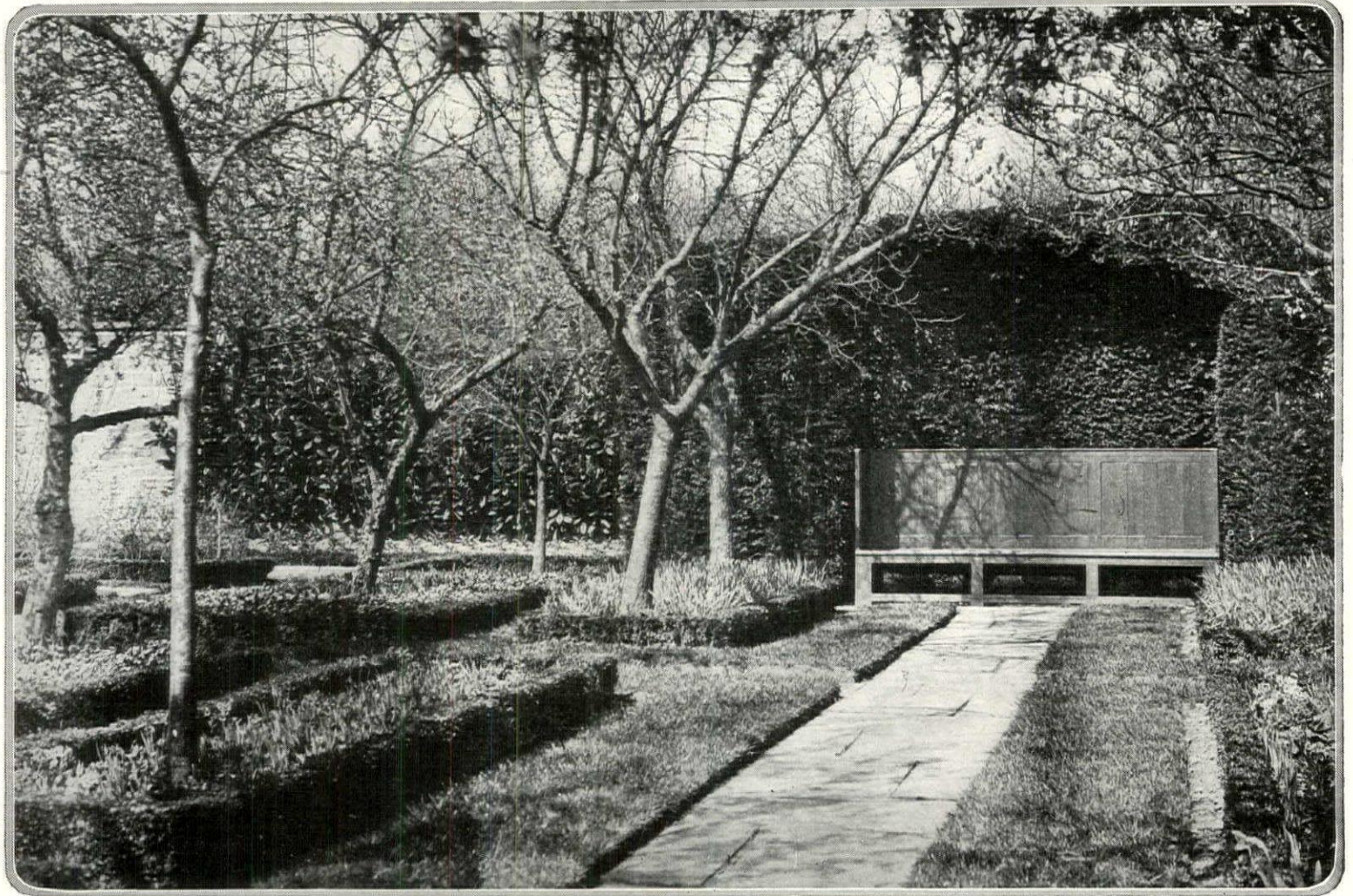
*The leaf supports designate this a butterfly table*



*The canape is a French type of settee*



*The chaise longue is of French origin*



*In this garden in Sussex clipped Yew has been formed into an arbor to shelter a long seat, and the clipped Box edgings further emphasize the formality of the foliage. Sir Reginald Blomfield, architect, was the designer*

## THE CLIPPED BOWERS OF ENGLAND

*The Molding of Plants into Useful and Formal Shapes Gives an Effective Air and a Substantial Setting to the Garden*

RICHARD H. PRATT

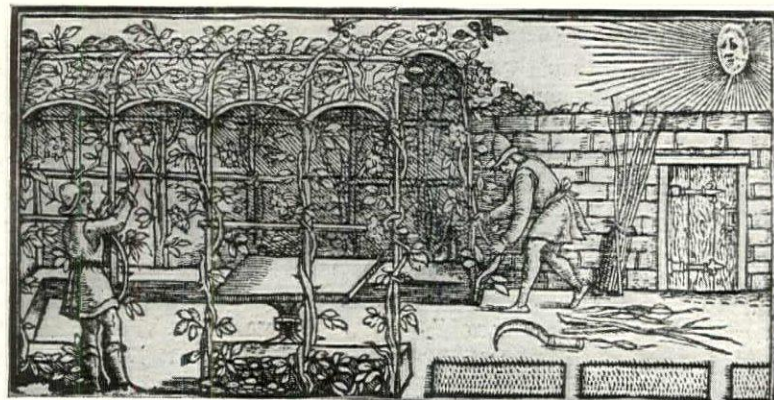
THE English gardener has always been a clever man with his shears. About the time Elizabeth was queen his virtuosity with the clipping blades was little short of amazing—often too amazing for the peacefulness of his garden. No tonsile plant, in fact, remained an ordinary plant, but became a bird or beast, a pillar, vase or pylon. During those extraordinary years the gardener's facility with his favorite implement led him on to so many feats in this gentle sculpturing that there arose in most gardens a surfeit of topiary work. A little of it had, and for that matter still has, a way of injecting a quaint sparkle into a garden. Too much made the garden a museum.

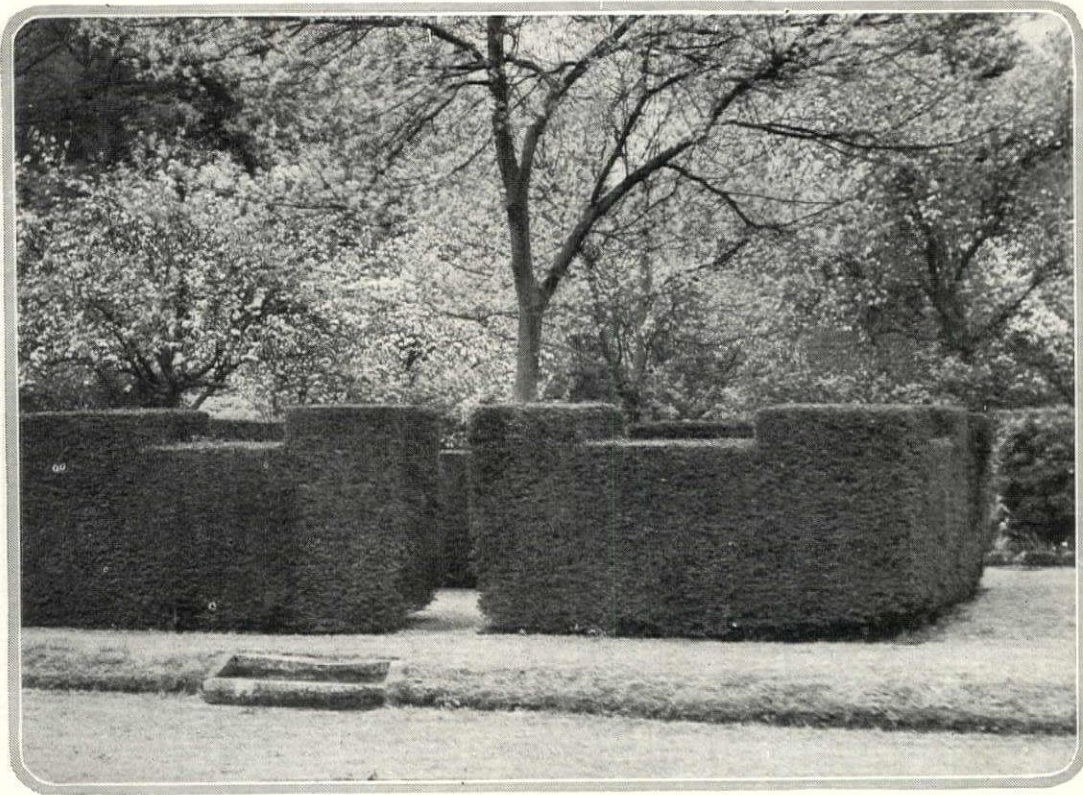
But the clipping habit was a good one to have acquired. When tastes became simpler less effort was spent on mere ornamentation, and more time

was devoted to the shaping up of plants where the needs of the garden, and of the people who used the garden, really demanded it. Thus arbors of foliage came into being, hedges assumed an architectural character, and edgings were made neat to fill the requirements of a formal plan. Peacocks and pyramids in Boxwood and Yew disappeared from gardens because it was found that the plants of

which they were made were actually more lovely in their natural state, if they were to be used as simply decorative specimens, than they could possibly be as clipped curiosities. In other words, gardens began to be comfortable.

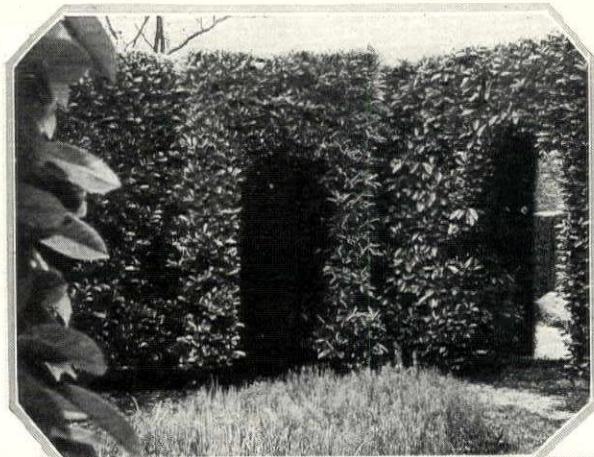
With this tradition of clipped plant forms behind him, and with trees in his garden which would submit without much struggling to whatever shearing and training could do, the English gardener was in a position to devise arbors of foliage which were both pleasant appearing and serviceable. It might be argued against shelters of this kind that a shade tree set in the proper place in a garden could fulfill the same purpose as an arbor that had to be trained and clipped into shape; but the disadvantages of the freely growing tree are too great to make the argument





*The walls of the Yew parlor in the garden of Martin Secker, Buckinghamshire, England, might be carried out thus in this country, not in Yew, but in Hemlock, with only a slight difference in color and texture*

telling. The best shade tree, say a Linden or a Maple, is a difficult thing under which to grow grass; it is continually dropping something—seed, pods, sticky sap, catkins or dead leaves—on the seats arranged beneath it, and its ever spreading root system devours the nourishment from an area of soil which may be

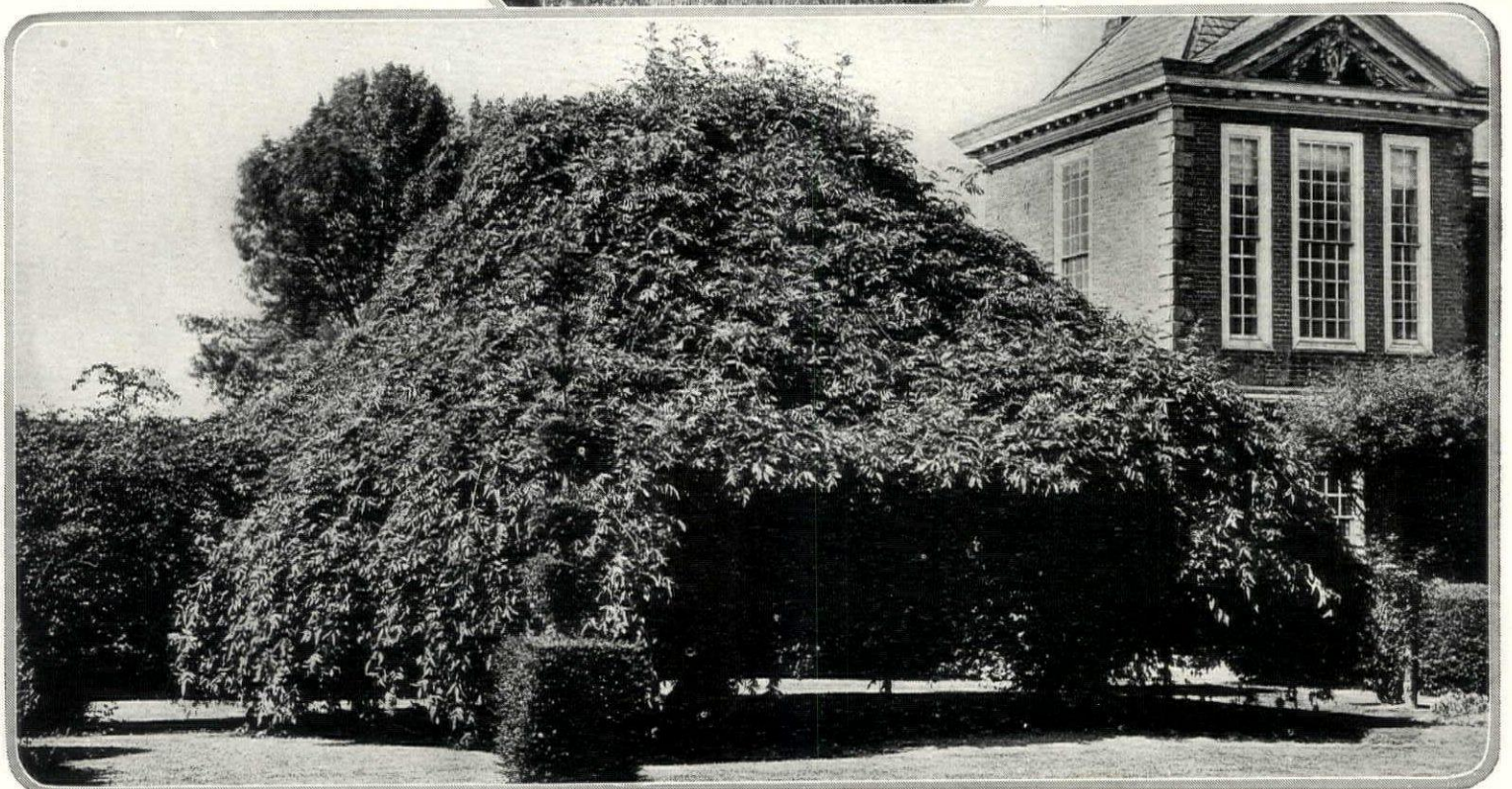


*A Weeping Ash, in England, has been trained into this large and tent-like arbor*

needed for less powerful plants. An arbor of Yew or Hemlock has none of these faults, or has them in an inconsequential degree. It can be kept within whatever limits the gardener desires, and, however small, it provides some shade for sunny days, and for windy ones effective shelter.

*(Continued on page 138)*

*The climate of America offers little opportunity for an arbor of Portugal Laurel*



# THE RUGS OF GHIORDES AND KULAH

*One so Fortunate as to Possess These Rugs Should Give Them A Surrounding of Quality and Beauty*

A. T. WOLFE

LONG before Persian floor coverings had appeared in the West, the rugs and carpets of Asia Minor were familiar in Europe. Illustrations of Turkey carpets, as they were called, can be seen in 15th and 16th Century paintings of the Dutch and Italian schools, and until the 17th Century, when Persian pile fabrics were first imported there were no others. Four or five hundred years ago Persia seemed incredibly remote from commercial traffic with the West, while the rug-making provinces of Turkey-in-Asia were excellently placed, with Smyrna, the great trading center, comparatively close at hand. Smyrna, with its huge harbor up to the city walls, would seem to have been planned by nature for one of the greatest trade emporiums between Asia and Europe, and to this day it is second only to Constantinople in that particular respect.

Among dealers, the term "Smyrna rugs" is quite commonly applied to the fabrics of Asia Minor. To the northeast of Smyrna lies Ghiordes, not more

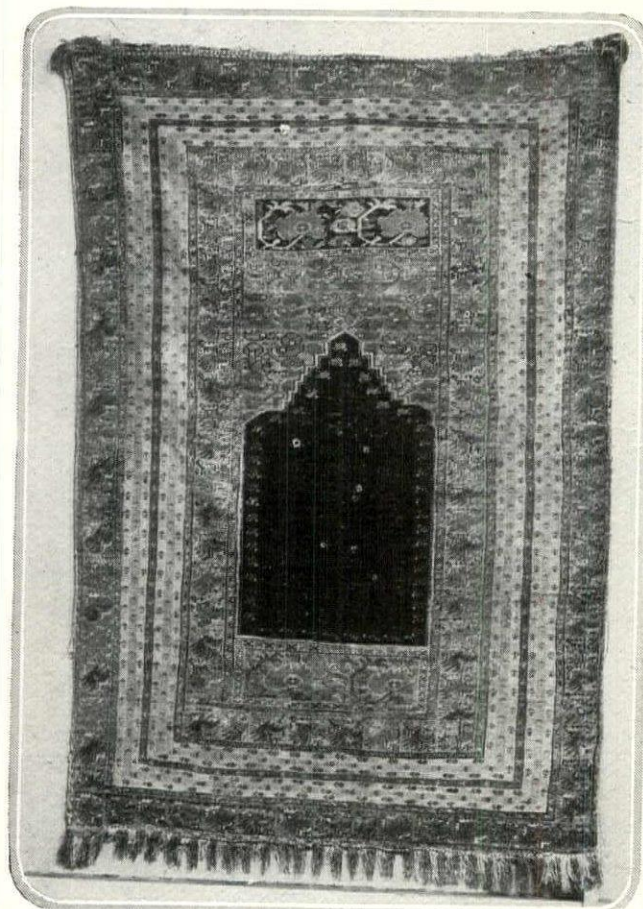


than fifty miles away, and here the far-famed Ghiordes rugs have been woven since remotest times in a land of classic story and legend—tall Troy, wooded Ida and the brave days of old. Of the many ways in which the name is spelled, "Yoordes" most nearly approximates to the usual way in which it is pronounced; some of the early authorities pronounce it as "Gordus." This may have been on account of the popular tradition that Gordium—where Alexander fulfilled the prophecy that he who undid the rope of bark would reign over all the East—is none other than Ghiordes. The old city has given its name to the knot used by Turkish weavers, as distinguished from the Persian, or so-called Sehna knot.

The difference between the productions of ancient and modern weavers is probably more conspicuous in the Ghiordes rug than in any other Eastern fabric. The trail of commercialism and Western influence is over all. The output is enormous—and the bulk of it is done to order for

*(Continued on page 94)*

*A blue Kulah rug showing the characteristic tree of life design in the niche. The stripes are brown and the fringe is silk*



*(Left) This 17th Century prayer rug has a blue center on white, reds, pinks, and pale blue appearing in the designs of the borders*

*(Right) A white niche, mellowed to cream, with blue candlesticks surrounded by a design of stars are in this Ghiordes*



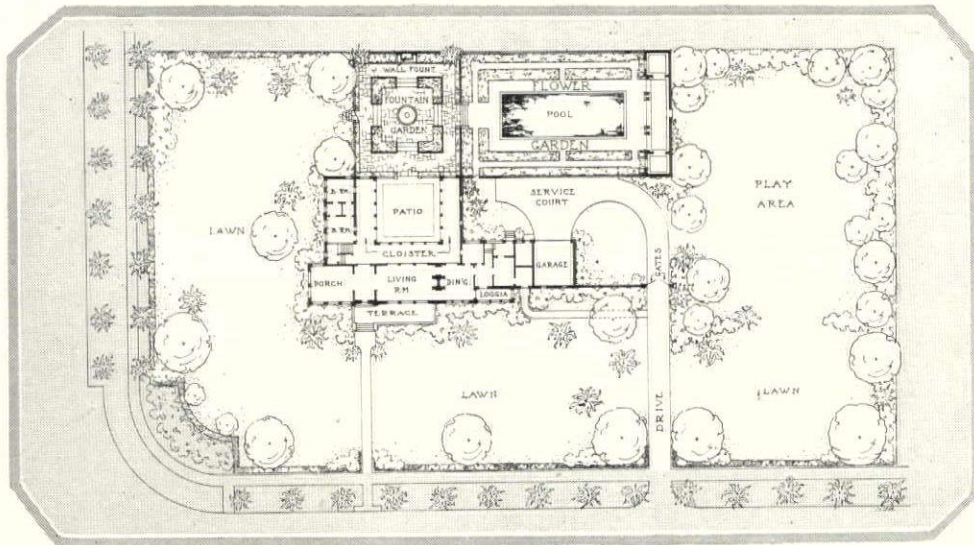


This model, from the office of A. D. Taylor, landscape architect, who designed the grounds and gardens was done by LeRoy Grumbine

### A FLORIDA HOUSE and GARDEN in MODEL

It represents so realistically the house of Waller C. Hardesty, at Rio Vista, Florida, that it seems to be an actual place at first glance

After seeing the model there is little left for a plan to explain except the details of the arrangement, which here are beautifully worked out

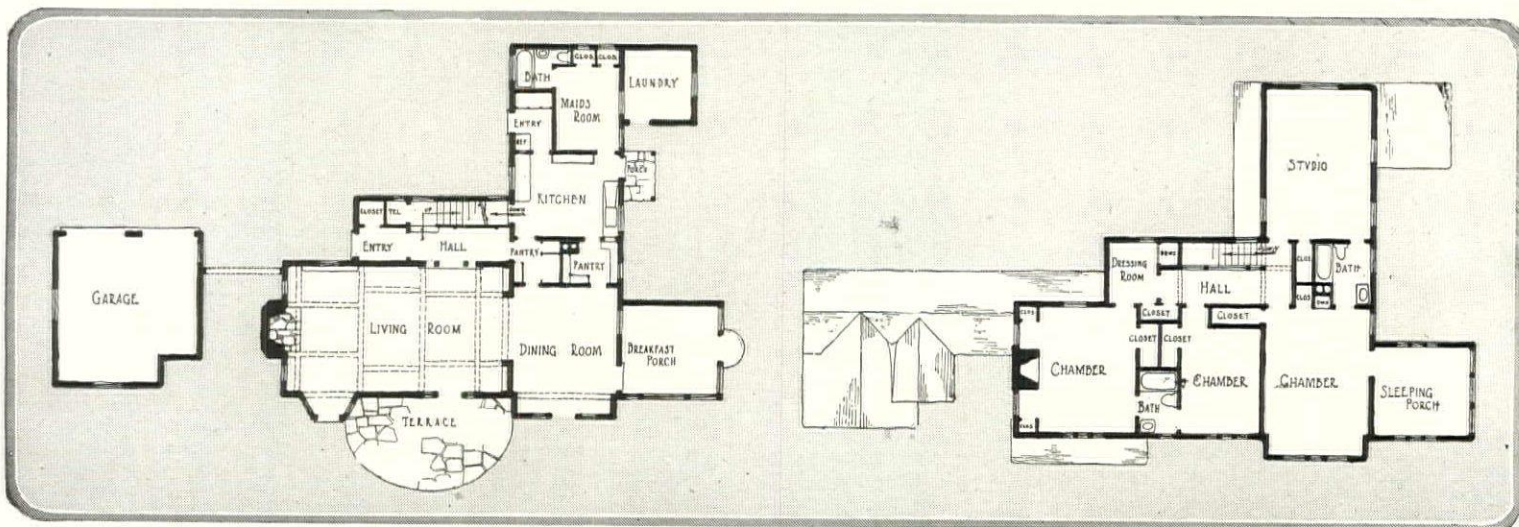


The front elevation of the model shows the effect which will be obtained by the proposed planting along the entrance front of the house



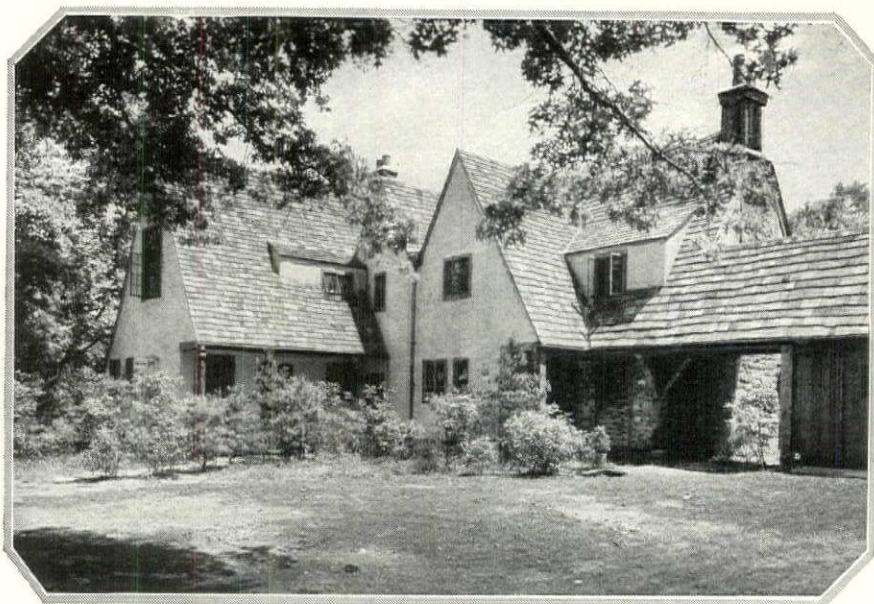


*In this house at Scarsdale, N. Y., the architect, being the owner as well, has indulged his fondness for early building methods and craftsman-made materials. Most of the oak timbers were cut in the neighborhood in 1812*



*Wherever old materials could be used, and were obtainable, they were incorporated in the house; old leaded glass, old hardware from Southern France, old wrought iron from Spain*

*The roof is laid up of hand-split and hand-stained shingles. Against it and against the old oak, the lead of the gutters and leaders is particularly effective in color and texture*



*A glance at the beam indications in the living room on the plan gives a hint of the consistency between interior and exterior. In the dining room a small stage has been provided*

## A HANDMADE HOUSE

WALTER PLEUTHNER  
*Architect*

# COLOR SCHEMES FOR FORMAL ROOMS

*Characteristic Features of Four Types of Living Rooms with Reference to Their Chromatic Treatment*

WINIFRED BREAMS

EVER since the gleam of the red and yellow apple caught our first mother's eye, the human race has been strongly influenced for good, bad or indifference by color and color combinations.

Racial and climatic conditions, ages of experience and travel have given a true knowledge and a trained color sense, so that today's homes and furnishings reflect the forms and colors of every period and nation, and adapt them according to individual taste and needs.

The sophisticated woman of this age uses her home as her background to enhance her type and individuality. Her bedroom and boudoir should reflect her

personality. The formal rooms of the house would be indicative of her type, her racial characteristics and tastes.

Below are listed a few color schemes for living rooms, which are neither difficult nor expensive to work out. Accessories, which, if carelessly chosen, spell disaster to your color scheme, can be found in out of the way shops and in department stores if one has the diligence to hunt for them. Auction rooms yield veritable finds in the way of odd bowls, mirrors, screens and andirons. The Sheffield plated bowl, which was made into a lamp, the Chinese screen and the sphinx andirons were picked up in a second hand shop. The bowl cost

\$3.00, the screen was dirty, broken and not appreciated, so it was sold for \$1.50. The silver plated andirons were of such unusual a type that they had been in one shop six years, so they were let go for \$5.00.

A room should be the gradual growth of years. Do not buy hurriedly, even if your means are unlimited. Also, it is apt to be fatal to the consistency of a room's arrangement if we ever allow ourselves to get "used" to its unfinished state. Select your furnishings with care, live with them and study their lines, then add others that harmonize and fit your present need, so that, however uncompleted your rooms may be, they will not be incongruous.

## A LIVABLE DIRECTOIRE ROOM

WALLS: Warm gray rubbed with silver.  
WOODWORK: Pinkish gray, silvered panels in doors.  
CURTAINS: Sage green rep.  
UNDER CURTAINS: Gray and blue changeable silk net.  
FURNITURE: Painted dark leaf-green picked out in gold, upholstered in sage green and apricot striped satin. Sofa upholstered in apricot with self colored bolster pillows finished with a cluster of blue and gold acorn balls. Two small gray and gold console tables, yellow marble tops.

LIGHTING: Blue lacquered tin urns and Sheffield plated bowls wired for electricity with apricot silk shades lined with rose and bound with silver.  
FLOOR: Marbleized in yellow and gray in rays to center of room. Circular gray rug bound with sage green binding and short fringe.  
CHIMNEY-PIECE: Marbleized gray and yellow, andirons silver sphinx, over-mantel of antique map done in colors mounted between two gilt columns.

## AN ENGLISH ROOM IN RICH COLORS

WALLS: Gray.  
WOODWORK: Black.  
CURTAINS: Dull blue linen printed with lacquer red, mauve yellows and gray.  
UNDER CURTAINS: Mauve silk net bound with lacquer red silk.  
FURNITURE: Sofa and wing chairs upholstered in shaded dull blue and yellow velvet—cushions of jade satin bound with lacquer red. Desk and side chairs of walnut with mustard yellow woolen seats with needlepoint embroidery done in bright colors in center. Small red lacquer footstool with needlepoint top. Commode and tip-table of walnut.  
LIGHTS: Amber glass and old blue ginger jars mounted on ebony stands wired for lamps with gray shades lined with rose and bound with black.  
FLOOR: Dark red and waxed. For carpets two Shiraz rugs in dull blues and reds, or dark gray rug.  
CHIMNEY-PIECE: Lacquer red with woodwork continuing to ceiling above the fireplace. The woodwork is divided into three panels, the wide center one contains an old piece of needlework and the two narrow end ones engraved mirrors fitted with candle sconces.

## A FRENCH ROOM IN BLUE AND GRAY

WALLS: Robin's egg blue rubbed with sepia.  
WOODWORK: Marbleized black with bottle green graining.  
CURTAINS: Putty color bound with ashes of rose.  
UNDER CURTAINS: Ashes of rose silk gauze.  
FURNITURE: Chairs painted gray picked out with green blue, upholstered in gray brocade with design in putty, rose and blue. Small tulip wood tables, commode painted Chinese yellow with flowers and garlands in sage green, blues, pink and tans. Small sofa covered in deep tan satin cushions of ashes of rose and blue satin bound with robin's egg blue satin.  
LIGHTS: Electric candle sconces with crystal and amethyst drops mounted on mirrored backs. Small lemon yellow vase in Chinese style wired for electricity with putty colored silk shade lined with rose and bound with blue.  
FLOOR: Hardwood floor waxed—plain gray blue Chinese rug.  
CHIMNEY-PIECE: Marbleized to match woodwork, over-mantel small Chinese screen with yellow lacquer frame and gray panels painted in tan monotonous, hung by heavy ashes of rose silk cord.

## FOR AN ENGLISH ROOM

WALLS: A deep cream.  
WOODWORK: Two shades deeper than wall and rubbed with sepia.  
CURTAINS: Old gold lined with dull blue.  
UNDER CURTAINS: Gold silk net shot with magenta.  
FURNITURE: Sofa and side chairs upholstered in old gold linen block printed in formal flower units in rose, plum and purples, with taupe and green leaves and stems. Formal day bed and wing chair upholstered in gold colored cut velvet matching curtains.  
CUSHIONS: Small bolster-shaped cushions of old gold velvet matching covering with plum colored piping and oval dull orange satin pillows at each end of day bed. Two square cushions of a deep marron satin and a long bolster cushion of striped rose-red and plum corded silk completes the formal day bed.

A long sausage-shaped cushion of the same material and color as the long bolster is on the linen covered sofa, and follows the curve of the sofa back and ends in large magenta tassels which hang over the ends of the sofa.  
FURNITURE: Legs of sofa, chairs and day bed are mahogany, Adams style.  
A small side table beside the wing chair, the oval table behind the sofa and the old secretary desk are walnut.  
LAMPS: Antique brass bowls, wired for electricity with old gold shades bound with verdigris color. Bowls of Persian blue pottery and amethyst glass for flowers.  
FLOOR: Painted deep marron and waxed, tete de negre heavy pile rug.  
CHIMNEY-PIECE: Marbleized black with verdigris graining. Old architectural picture painted in dull greens and blues set flat on wall in plum colored lacquered molding.

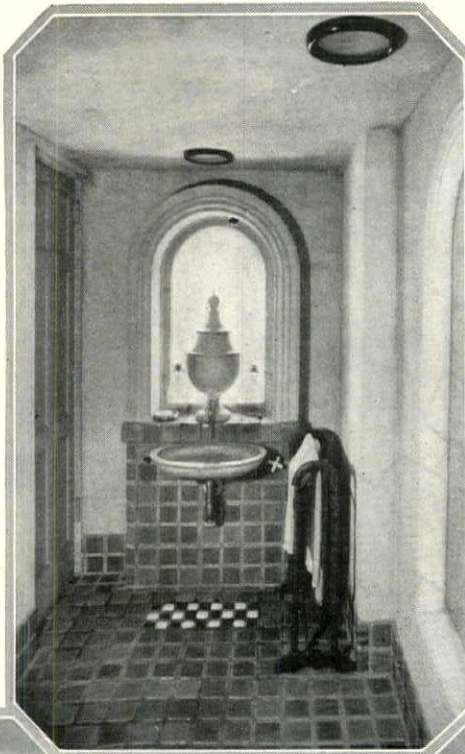
# THE DECORATION OF BATHROOMS

*The Sanitary Aspects of Tile Are Enriched by Decorative Mirrored and Painted Walls and Colorful Papers*

MARGARET McELROY

PERHAPS it is the growing appreciation of color and design that has created the demand for more interesting bathrooms. Or it may be a reaction against too much appearance of sanitation, and a desire for something more than dazzling whiteness. Whatever the cause, bathrooms have never been so interesting and colorful as they are today. With a little ingenuity it is possible to make them charming, cheerful and different.

Wall paper offers the easiest solution for a colorful and individual background. There are many delightful papers suitable for bathrooms. A design should be selected with plenty of color in it, for a room of this kind should not present a neutral appearance. There is so little chance for decorative effects in furnishings that you should concentrate on the walls and choose a paper with not too large a pattern, one that contains some unusual color note.



After the paper is put on it should be glazed for protection against steam.

Tiles and paper can be combined successfully. For instance, you may have a tiled floor and wainscot with papered walls above. The trim can be painted one of the tones of the paper, making an attractive note of color against the tile. A bathroom of this description is shown on the top of page 81. Here the paper above the tiles is a small Chinese design with a lovely soft yellow ground and a pattern in dull greens and gold. The woodwork, chair and chest of drawers have been painted the same yellow as the paper, and on entering you get the impression of sunshine. The bathroom at the bottom of the same page shows another combination of tile and paper. Here the paper, a striking pattern of slender trees with bright green leaves and white blossoms, continues over the ceiling. The wood

*The picture above shows an unusual treatment for a small bathroom. In place of the usual washstand is a wide, shallow bowl into which the water runs from a graceful urn. Marshall Fry, decorator*



*A use for hanging shelves is to hold the bottles constantly in use in the bathroom. They are quite as convenient as the stationary glass shelf or the usual medicine closet and are infinitely more decorative*

*The walls of this bathroom are hung with painted blue canvas and then covered with units of window glass held together by gilt rosettes. This gives the effect of colored glass. A graceful console serves as a dressing table*

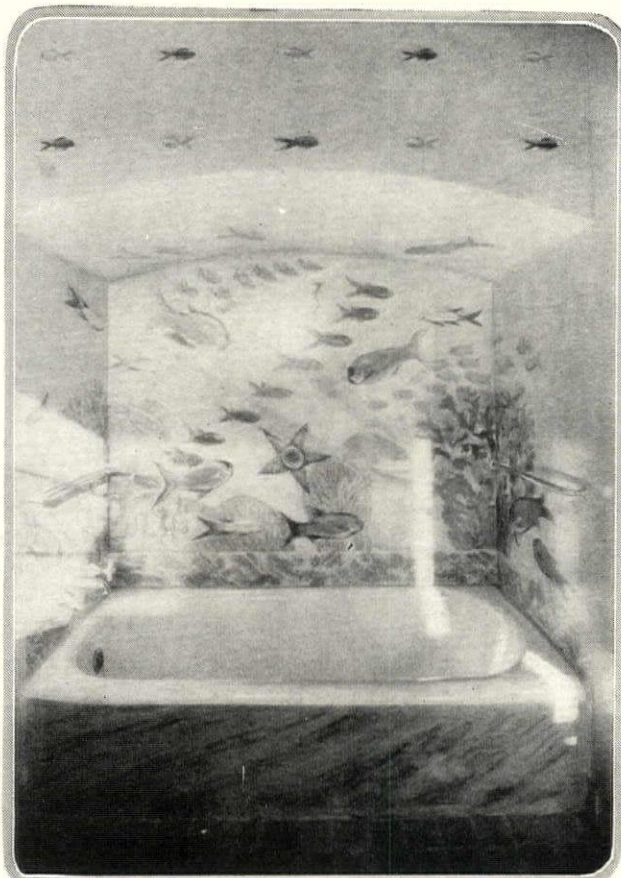


work is painted the same cool green.

Another bathroom that in its original state had a tiled wainscot with plain plaster walls above and woodwork painted cream color, was transformed into an utterly different and vastly more inviting interior by the use of wall paper and a few coats of paint. As this bathroom opened off a bedroom that had mauve walls, it was thought advisable to keep to this color. So a paper was found with a lattice design of graceful leaves in mauve on white. This was used above the tile and glazed. The woodwork was painted mauve, and the washable rug on the floor is mauve with prim little yellow flowers in it. At the window is a roller shade of plain mauve glazed chintz with a flowered, scalloped border bound in blue. With its decorative latticed walls and soft mauve coloring, this room is infinitely more interesting and restful than it was in its original white state.

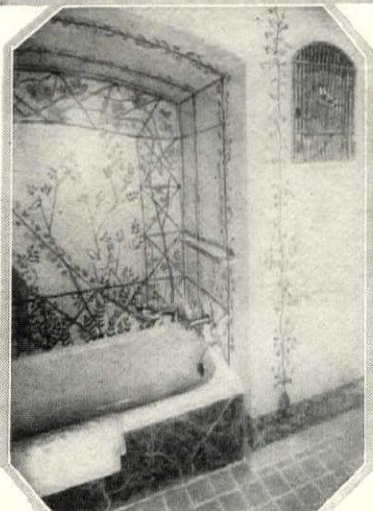
Painted and mirrored walls offer delightful opportunities for colorful and individual effects and provide the most luxurious and decorative of backgrounds.

The three bathrooms shown on this page are striking examples of the effectiveness of a painted background. The picture at the top shows a part of a bathroom designed for two small boys. Across the greenish white walls swim fish in brilliant reds and blues, and the design in the niche above the tub is especially full of movement — many gaily colored fish on a greenish white



Richards

The bathrooms on this page were designed and painted by Joseph B. Platt. In the home of C. M. Woolley, Quaker Ridge, N. Y.

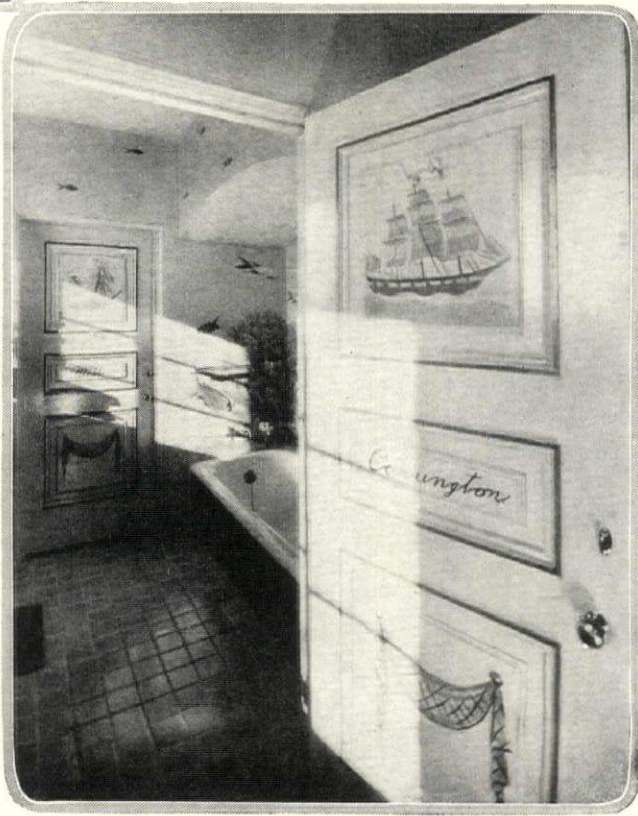


A charming and colorful bathroom for a little girl has pale pink walls and a painted arbor of delicate morning glory vines in the niche over the tub



The small boys for whom this bathroom was designed will doubtless become fishermen, for myriads of brightly colored fish swim gaily over the white walls

At the left is an elaborate bathroom with yellow marbled walls and a sky blue niche over the tub decorated with striped pots of flowers in various brilliant colors



ground and a coral tree in the corner. The doors of this room (shown at the bottom of the page) are striped in red and blue with a picture of a ship painted in the upper panel, to further carry out the motif of the sea.

The walls of another bathroom, designed for a little girl, are a pale pink with delicate morning glory vines rising from small blue vases on a marble base. An arbor in soft grays and blues is painted on the walls of the niche over the tub and the door to the medicine closet is decorated to represent a bird in a cage.

More elaborate is the other bathroom. The walls around the niche are marbled yellow with inlays of green, black and white marble. The space inside the niche is sky blue with various striped pots and vases of brilliant flowers. The other sides of the room are painted to represent a curtain. The bases of all the tubs are marbled.

The furnishings and fittings for a bathroom should conform to the character of the room. Very elaborate fittings are quite out of place in the average tile and porcelain bathroom. Select them for their usefulness. It is poor economy to buy cheap fixtures. Unless you have a room unusual and elaborate in other respects it is best to keep to the standard type of fixture.

Curtains should be of some material that looks fresh and crisp and launders well. Marquisette and voile are durable, wash well and do not pull out of shape as easily as net. But they are apt

(Continued on page 116)



## WHEN SLATE COMES INTO ITS OWN

*It Will be Found that Roofing, Though in this Country Its Most Familiar Function, is Only One of its Many Accomplishments*

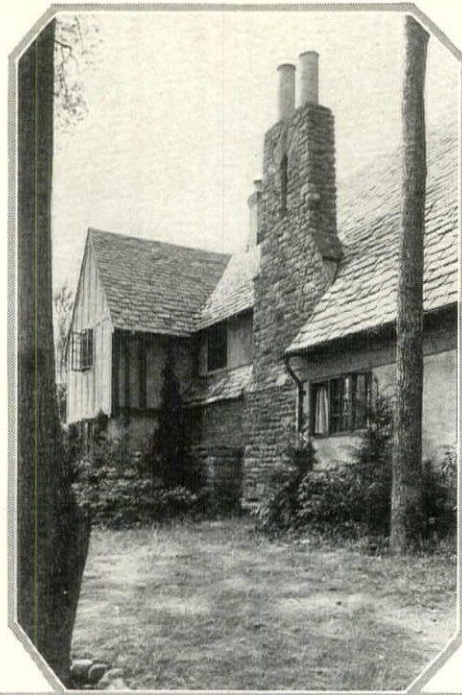
ALWYN T. COVELL

SLATE as seen today, whether by architect or layman, is a very different looking thing from slate as seen by architect and admired by layman in the 1880's. During that decade of architectural depravity the idea of a slate roof was a roof laid as flat and even as though it were of tin. The slates were split as uniformly thin as their geological structure would allow, and were considered at their best when they were of absolutely uniform color. It was the same delusion under which the ideal of brickwork was an unbroken sameness like an oilcloth pattern. When variety in a slate roof was desired—in other words a “fancy” roof; the edges of slates were often rounded to produce a scalloped effect, and formal patterns made from red and light green colored slates enlivened the steep pitch of the inevitable mansard.

Today, fortunately, building materials mean something to us; their natural characteristics are coming to seem more beautiful and more interesting to us than any masquerade we can force them to perform.

Certainly the slate roof of today is scarcely recognizable as the same material from which were made the mansard roofs of the '80's — and when slate comes entirely into its own it will be found that roofing is but one of its accomplishments. Its wider, and

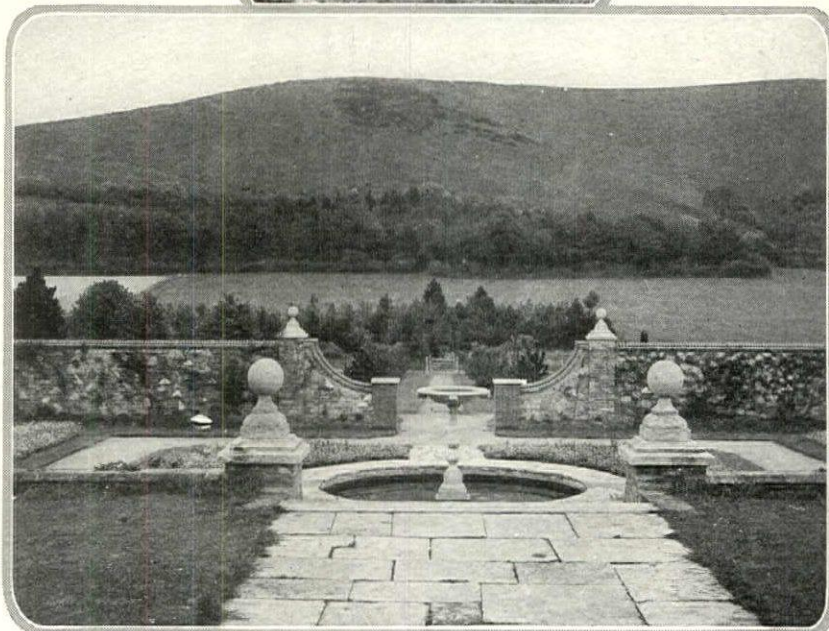
*Here, with stucco and stone, the color and texture of slate are ideal. Harry H. Cuno, owner; Frank J. Forster was the architect*



no less picturesque uses we will survey in a moment.

The current idea of a slate roof pictures the material so utilized as to bring out the inherent ruggedness of its structure and the inherent beauty of its natural coloring. At the eaves the slates are large and thick, graduating almost imperceptibly to smaller and thinner units by the time the ridge pole is reached. And the range of color is one of a harmony which could not be achieved artificially, going from black through blue, brown, gray, green, sea green mottled purple and green, purple, red and yellow, with varying degrees of these different colors.

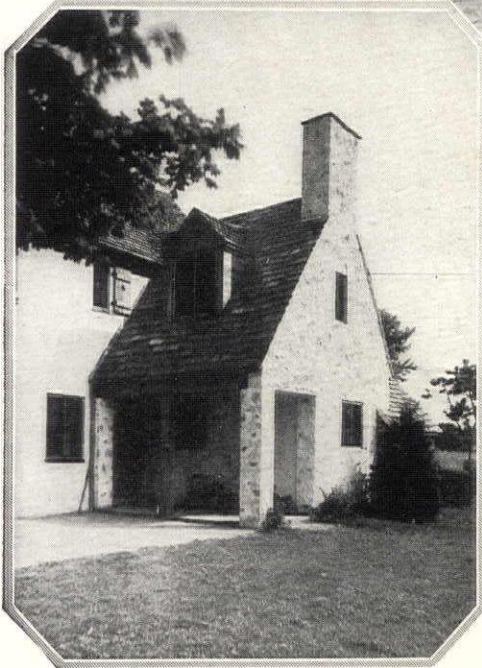
*The water-color above is of an old Cornwall inn done entirely in slate; in the English garden below slate makes the paths*



For roofing, it is now common knowledge that slate serves us well—but to suppose its usefulness or beauty is limited to the roof is as unnecessary as to suppose that slate as a material could be used for nothing but the schoolroom accessory of earlier days.

As a matter of geological fact, slate is one of the most enduring structural materials the world has ever known, with its constituents more carefully chosen by nature than man could choose the elements of an artificially fabricated substance. Added to this “no hydraulic pressure humanly devised can approximate the mountain-building forces that compressed

*(Continued on page 126)*



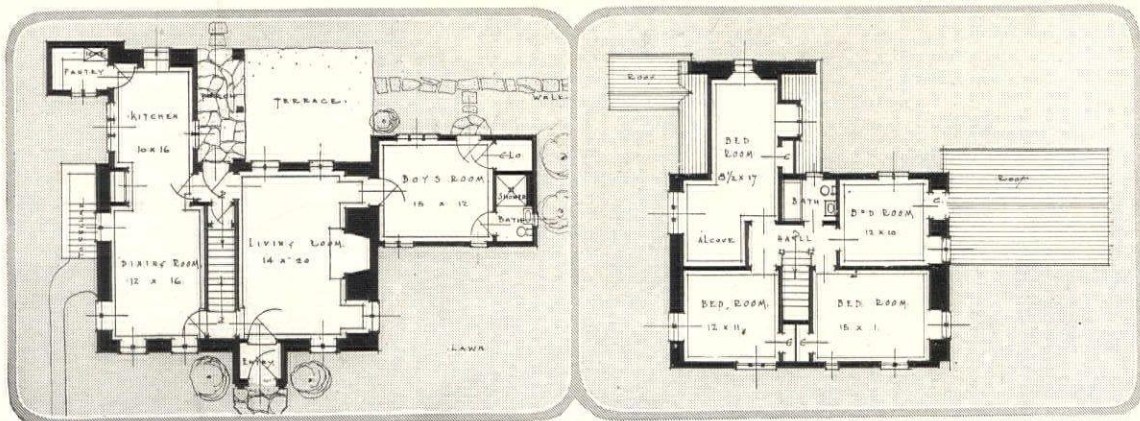
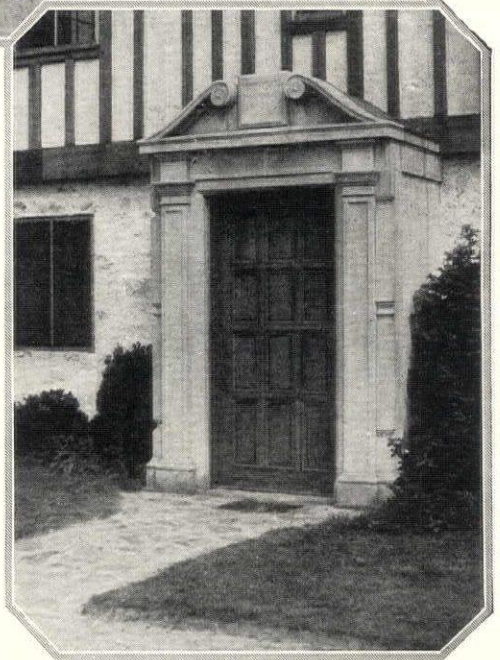
Van Anda

*Among the buildings on the estate of Richard Sellers, at Bellevue, Delaware, is this cottage of whitewashed stone in the English style. The roof is of green and purple slate*

### THREE PAGES OF HOUSES

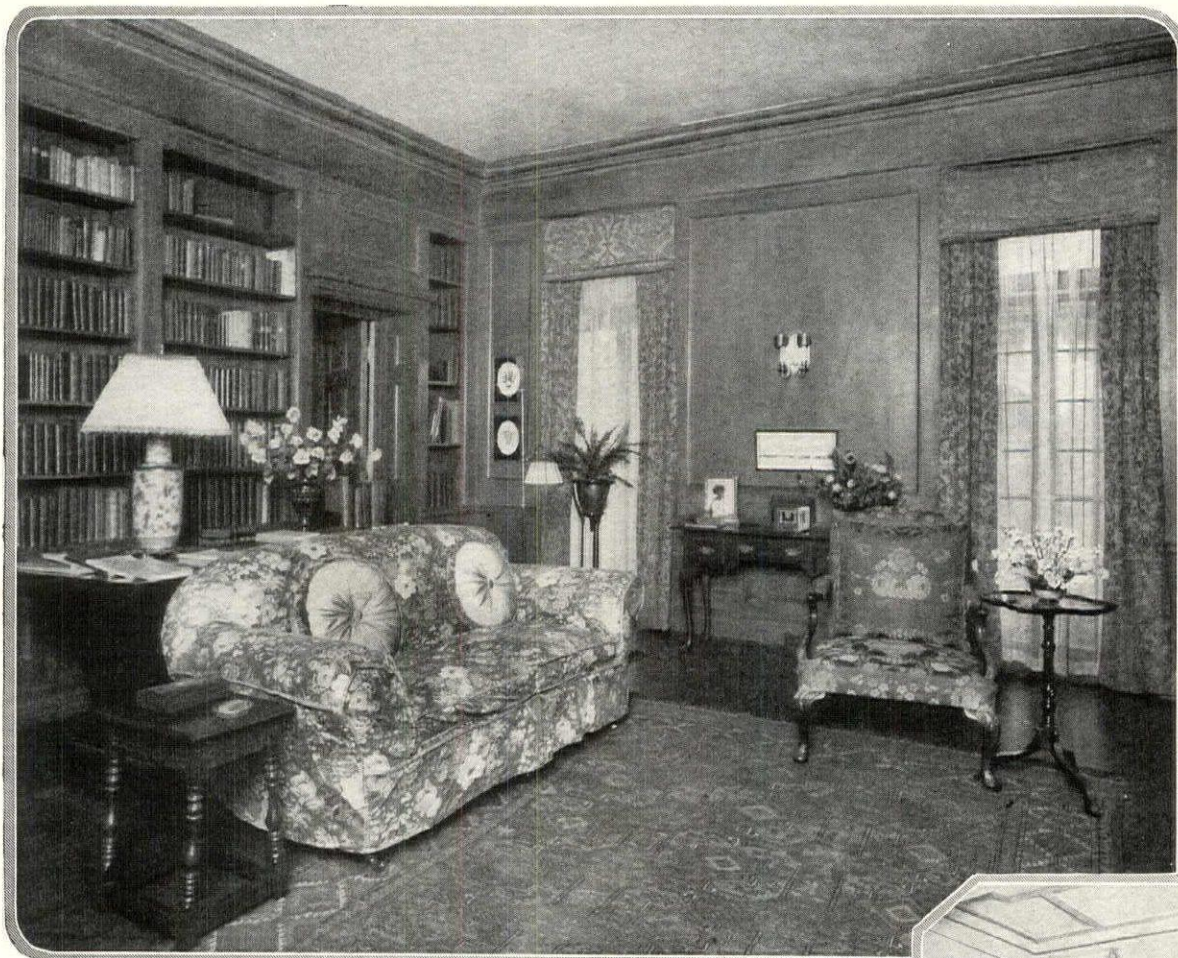
*The open porch on the kitchen wing is a detail native to the more southern sections of the United States*

*The entrance, quite ornate in design, is of limestone, the door being of oak panels in natural finish*



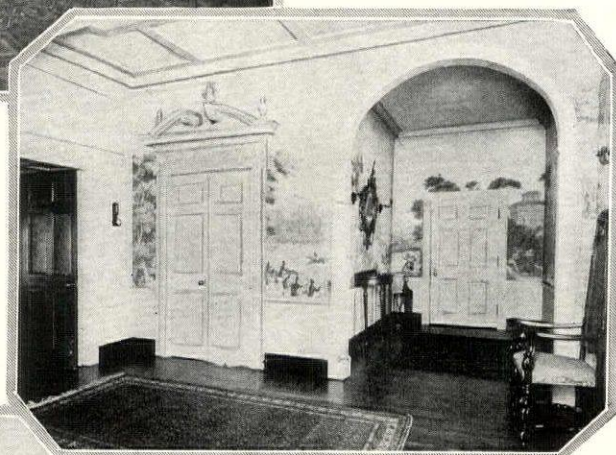
*There is practically no hall. The dining room and kitchen make one large room, with the living room on the other side*

*Four bedrooms and a bath on the second floor make this quite a commodious house. The architect was Prentice Sanger*

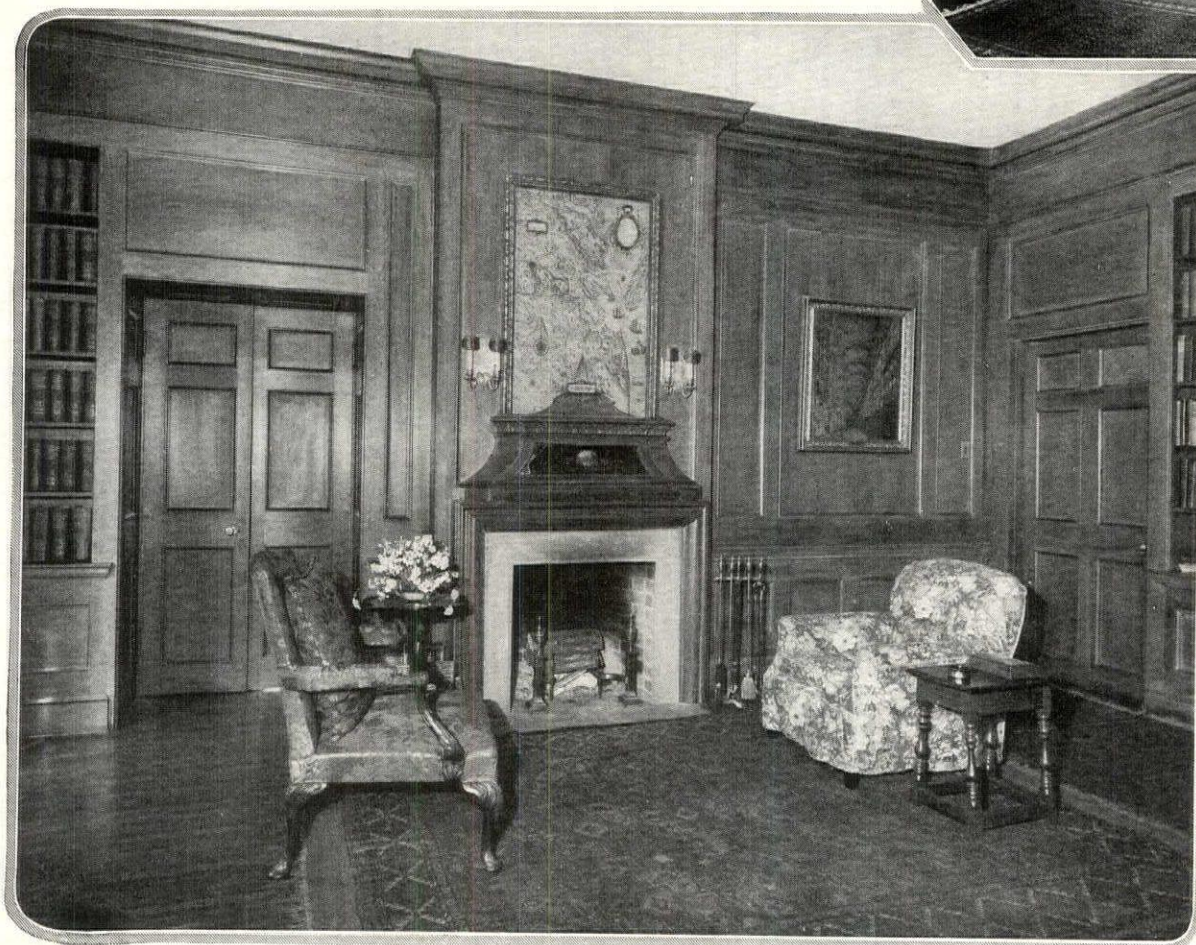


Duryea

The library is paneled in antique walnut colored wood. Against this background are set the curtains and sofa in brocade and in chintz in harmonizing tones of puce, mulberry and green. Further color is found in the chair covering which is green, cream and black. The old mezzotints are framed with oval black glass mats

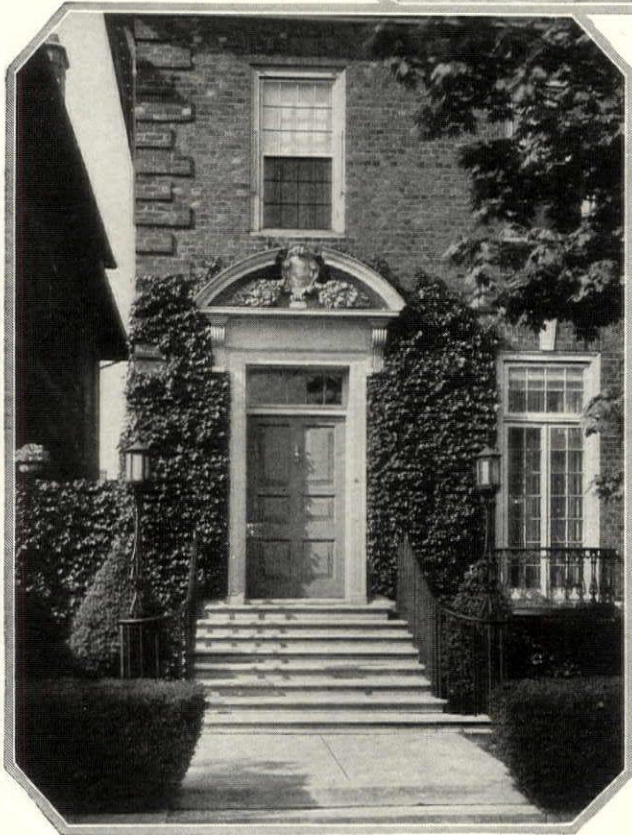


A Georgian door ornately carved establishes the period of the hallway. The walls are covered with an old scenic paper in grisaille. The baseboard is black and other woodwork in the room is painted oyster white



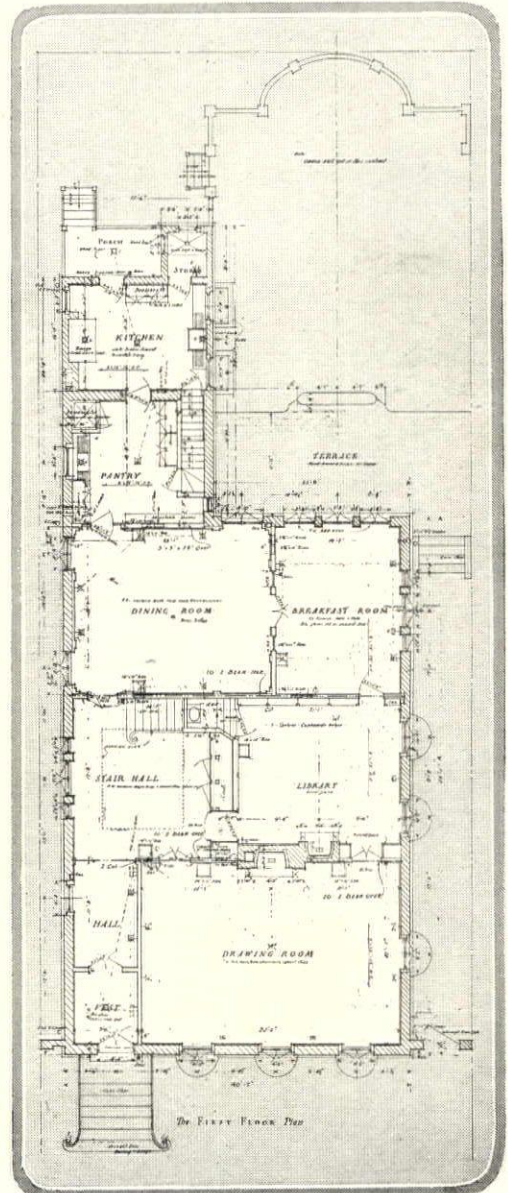
The mantelpiece is a feature of the library. Above it is a map, done in the 18th Century style, showing the automobile routes out of Richmond and neighboring houses. It was painted on wood by Mrs. Benjamin S. Young

The style of the house is early Georgian, corresponding as a town house to such types as Tulip Hill, Westover and Brandon in this country. The windows have no shutters, although those on the lower floor are embellished with delicate cast iron balconies of an early 18th Century design painted in a dark green



The dignified Georgian door is painted dark green and furnished with a brass knocker and door plate. The brick work of the house is laid up in black headers with breaking joints. The roof is laid in blue and gray slate

The drawing room extends almost across the front of the house, with a breakfast room and dining-room opening behind the library and stair hall. These open on to a brick terrace that overlooks a little wall enclosed garden



THE RESIDENCE  
of MRS. RAMAGE GOLSAN, at  
RICHMOND, VIRGINIA

W. LAURENCE BOTTOMLEY  
*Architect*

# PREPARING THE SOIL FOR A GARDEN

*To Which Are Added Notes on Cultivating,  
Watering, Mulching, Weeds and Winter Protection*

**G**IVEN a goodly heritage of pure blood, a baby has a fair handicap on life, but even the best blood may not be able to cope with subsequent poor and unhealthful surroundings. In the end the environment will win.

Start a garden with the best possible plant material, and unless conditions are made favorable for its continuing in health, those plants will never attain perfection of form and flower. The beginning of a successful garden, then, lies in getting healthy plants and in sufficiently preparing the soil to receive them.

Robust, dependable stock can be purchased from scores of dealers. That is the nurserymen's ideal. To sell dependable seed that will germinate and come to flower is the purpose of the honest seedsman. For them honesty is not only the best policy but the only policy. Consequently if you buy from a concern that has been many years in the business and has maintained its reputation for honest, true stock, you can be pretty well assured of starting the plants with a healthy heritage.

The success or failure of the garden environment depends on the gardener himself. He must see that his flowers have four things—nourishing soil, sun, water and cultivation. These four comprise the necessary factors in creating a right garden environment. They put the garden into condition, they are the garden equivalent of training.

From the soil comes two per cent of the plant's substance; the other ninety-eight are drawn from moisture and the air. In order to furnish that two per cent we enrich the soil; in order to furnish the remaining ninety-eight we plant our flowers in spots where they will enjoy the light and warmth of the sun, we cultivate the soil in order to let in air and, when natural moisture is inadequate, we water the garden. Each of these subjects has its practical phases, and we can now take them up in detail.

**T**HERE are more plants that love the sun than plants that prefer shade; consequently the choice of a garden in the sun is made by the plants themselves. Practically all annuals and the majority of the perennials require full sunlight most of the day. So do people for that matter, and it is a wise coincidence that people and plants are so much alike, else gardening wouldn't be so enjoyable. A sunny spot, then, is the first choice. A spot removed from the proximity of huge trees is the second desirable feature, for such trees would not only shade the garden too much but draw off the nourish-

ment in the soil through their vast root systems. A sunny, south gentle slope is the ideal spot—a gentle slope because the drainage will be effective. Lacking this, choose the spot first for sunlight.

The second desirable feature is so to locate the garden that it can be appreciated from the house, and, with the house and lawn, make a harmonious picture. Landscape architects lay out their gardens on an axis, a line drawn from one of the points of vantage in the house—a group of windows, a door, a terrace, a porch. Such a garden or border is located at a distance from the house and may be reached by a path or across a stretch of lawn. Close to the house, in many cases, is a foundation planting designed to give the house a pleasant and gradual relation to its immediate site. This is usually a shrubbery planting, with or without occasional pockets of perennials and bulbs to give seasonal color.

**W**HERE your property is measured in precious square feet, as in the usual suburban lot, there is little or no choice in locating the garden. It is placed along the property line to frame the picture and, unless you have a mania for raising vegetables, it is better to keep your horticultural endeavors restricted to raising flowers. On a larger place, with varying levels and different types of soils, the kinds of garden you can make need be limited only by your purse and your interest in flower growing. This word of advice, however—if you have plenty of space and plan to make a number of borders and different kinds of gardens, try to lay them out so that they are related to one another and to the garden picture as a whole, and you pass easily and gradually from one part to another.

While this falls into the province of landscape designing it is well to understand the fundamental relationship between the various parts of your garden, so that, should you employ a landscape architect you can cooperate intelligently with him or, if you do the planning yourself, you can give your garden a reasonably pleasant and livable design. It is also wise not to scatter the garden because, if you do your

own work, it will save an immense amount of time and energy going from one unrelated part to another.

The cottage gardens of England owe much of their charm to the fact that their beauty is concentrated and that, with the cottage, they make a picture. This applies just as much to the development of a large place as to the garden design of a suburban lot. If the place is large, make a garden near the house, and this will be the house garden; whatever else your space and purse afford can be extra luxuries, but the house garden is essential.

The property that can spare space for a vegetable garden in addition to flower borders should also afford room for a cutting garden. Here flowers—annuals especially—can be grown in quantity in rows or orderly blocks, and they will serve for decorating the house and giving away to friends. But why not cut flowers from the border? You may, but the ideal purpose of a border is to create a succession of flower pictures. Flowers are grouped together according to color, height and season of bloom especially for that purpose and color schemes are carefully worked out for the succeeding weeks of spring, summer and autumn. Let a horde of flower-hungry visitors descend on such a border, and there won't be much left of the pictures.

The other types of gardens, bog, rock and shady, all depend upon the nature of the property and the kinds of flowers native to such environments. You may have a rock garden or a moraine garden, a pool or a brookside garden, a garden in dense shade or a woodland garden where sunlight penetrates in patches. The beginner, however, had better content himself for the first two or three years with a perennial border. That will be task enough, for to make a good perennial border capable of a succession of bloom is no sinecure.

**S**INCE the perennial border is intended to occupy one area for an extended length of time, and since, after it is planted, you cannot disturb the roots by seasonal excavations, the soil for such a border should be made permanently rich in the beginning.

If it must be placed in a spot where water settles, the first thing to do is to arrange for adequate drainage by laying down tile pipe to drain off the excessive moisture. Clayey soils which are too retentive of moisture, usually require drainage; sandy soils need no extra arrangement of this kind. In the average border

*(Continued on page 140)*

*This is the second of a series of articles for beginning gardeners. The first, published in the January issue, considered the nature of soils. The next, in the March number, will take up the subject of Equipping a Garden.*

# RASPBERRIES FOR EVERY REGION

*Picking the Best and Growing Them for the Largest and Most Luscious Yield should be the First Desire of the Earnest Amateur*

SAMUEL FRASER

A REMARKABLY variable group of plants is known in the United States under the name Raspberry. A few have been brought into cultivation, some are in process of trial for this purpose, others are still wild. The fruits are red, purple, black, white or yellow. Those in cultivation are usually spoken of according to the color of the fruit as red, purple, yellow or white and black Raspberries, and from time to time novelties of one kind and another are placed before the public for trial. The Wineberry, or Japanese Wineberry, introduced from the Orient in 1889, which bears small, soft, insipid, whitish berries, which turn cherry-red, has been spasmodically advertised. The plant is ornamental and may become one parent of an improved lot of Raspberries.

The Strawberry-raspberry is another Oriental introduction which is highly ornamental. It blooms throughout the season and bears bright scarlet berries.

The Mayberry bears large, sweet, glossy, golden, semi-transparent berries which ripen

ahead of Strawberries, while most Raspberries follow Strawberries in maturing. It has not made any headway thus far.

The Golden Evergreen Raspberry bears yellow fruits the size of the common Raspberry and is of value for covering pergolas in the extreme South. It is naturalized in Jamaica and is said to be the only Raspberry suitable for Southern Florida.

The Cloudberry or Yellowberry grows on peaty bogs and cool and rocky places from the Arctic to the Northern States and is one of the most promising fruits of this type for these regions, being better than the Arctic Raspberry. There are several other species which have been recognized as having merit, as the Rocky Mountain Flowering Raspberry, which bears purple or wine-colored berries; the Flowering Raspberry of the East which grows wild from Nova Scotia to Michigan and South to Alabama and can be easily cultivated, also the Rocky Mountain Thimbleberry and Salmonberry of the Pacific Coast, found from California to Alaska.

The possibilities of hybrids and the frequency of their occurrence among both cultivated varieties and wild plants further complicate the situation, so that while the ancestry of a plant may be in doubt, the possibilities for improvement are immense.

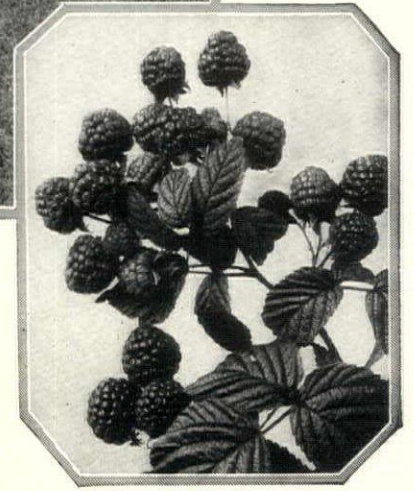
While red Raspberries may have been in cultivation in Europe prior to the Sixteenth Century, there is no record of them. European varieties occupied American gardens from Colonial days until about fifty years ago, when it began to be recognized that in the East, American wild plants offered possibilities that European plants did not possess, and today except on the Pacific coast and in occasional gardens all varieties are of American origin. The European varieties, Antwerp, Fastolf, Franconia, Vermont, Orange, are nearly all gone and in their place we have the more hardy, healthy, vigorous Cuthbert, Herbert, June, Marlboro, Sunbeam, Ohta, King, Redpath, Latham, Ontario and Cayuga. St. Regis or Ranere is one of the  
(Continued on page 152)



McFarland



*Cumberland, a black variety, is a favorite kind suitable for growing in most of our states*



*An almost universally popular red Raspberry is Cuthbert. It will grow in most localities*

*In planting Raspberries allow twenty to twenty-five square feet per plant for red and purple kinds, or 2'-3' apart in the row and rows 6'-7' apart. Black Raspberries should be given 3½' in the row and the rows 9' apart*

# VARIOUS VINES IN THE PLANTING SCHEME

*A Resumé of Leading and Less Known Kinds, Together with Practical Suggestions for the Effective Uses of Each*

ELSA REHMANN

VINES seem one of the most delightful phases of vegetation, whether they be such kinds as the flowering Wild Grape of the May country-side trailing over shrub and tree, the beloved Sweet Pea gracing every cutting garden, or the Wistaria that with its decorative luxuriance is worthy of the stateliest setting.

So lovely are the many vines in this country at the present time that I cannot imagine even the hanging gardens that Nebuchadnezzar built 2500 years ago at Babylon—famous in antiquity as one of the seven wonders of the world—having been as fortunate in their possession as we. Grapes, no doubt, grew there, as they are almost as old as civilization itself. Ivy, too, they may have had for it was known in age-old Egypt. But what other vines, I won-

der, hung over the walls and balustrades in that wonder garden of long ago, what vines festooned its marble pillars and hid even the precious stone of its palaces with their glorious blossoms, what vines tumbled over slopes and banks and covered the ground with trailing beauty? Could there have been any as fragrant as the honeysuckle, as exquisitely carved as the Akebia, as flamboyant as the Trumpet

vine, or as precious as the great white-petaled, yellow-stamened Silver Moon Rose which even rivals in beauty the Cherokee Rose of the South?

I should like a whole garden of vines. Climbing roses would be there, of course, for these will always have the first place in vine assemblages. Some roses would be used solitary as choice jewels in a collection of precious things—a single Dr. Van

Fleet trailing over the edge of a pool and mounding up its luxuriance at its side, a single Gardenia displaying its yellow blossoms entwined around a balustrade, a Silver Moon flinging its long streamers over the edge of house or terrace stairs. Such use of vines is altogether delightful. Many people, however, are afraid that this freedom and spontaneity of growth might

*(Continued on page 148)*



Perrett

*Clematis, either the Japanese or native American kinds, is excellent in foliage and delicately beautiful in flower and fragrance. No garden can be without it*

*For the informal type of garden arbors and pergolas of rough cedar poles and posts are eminently suitable. On such a support can be grown most vines*





# SPINNING CLOTHES CLEAN AND DRY

*New Washers and Driers Perform One or Both Operations Silently and Swiftly*

ETHEL R. PEYSER

**I**N THIS article we are going to take up the question only of wringerless washers. This type usually consists of a metal drum in which a perforated basket spinner or whizzer, when set for drying, whirls by electricity around an axis and dries by centrifugal action as the air reaches the clothes. In the best types there is nothing else in the drum or case of the machine except this basket which revolves in one way to wash the clothes and later in another to dry them until they have reached that state of dryness which precedes the ironing or, if preferred, complete drying.

These centrifugal whizzers or spinners are not new, for they have been used in industry for a long time. In fact, the clothes that you send to laundries and

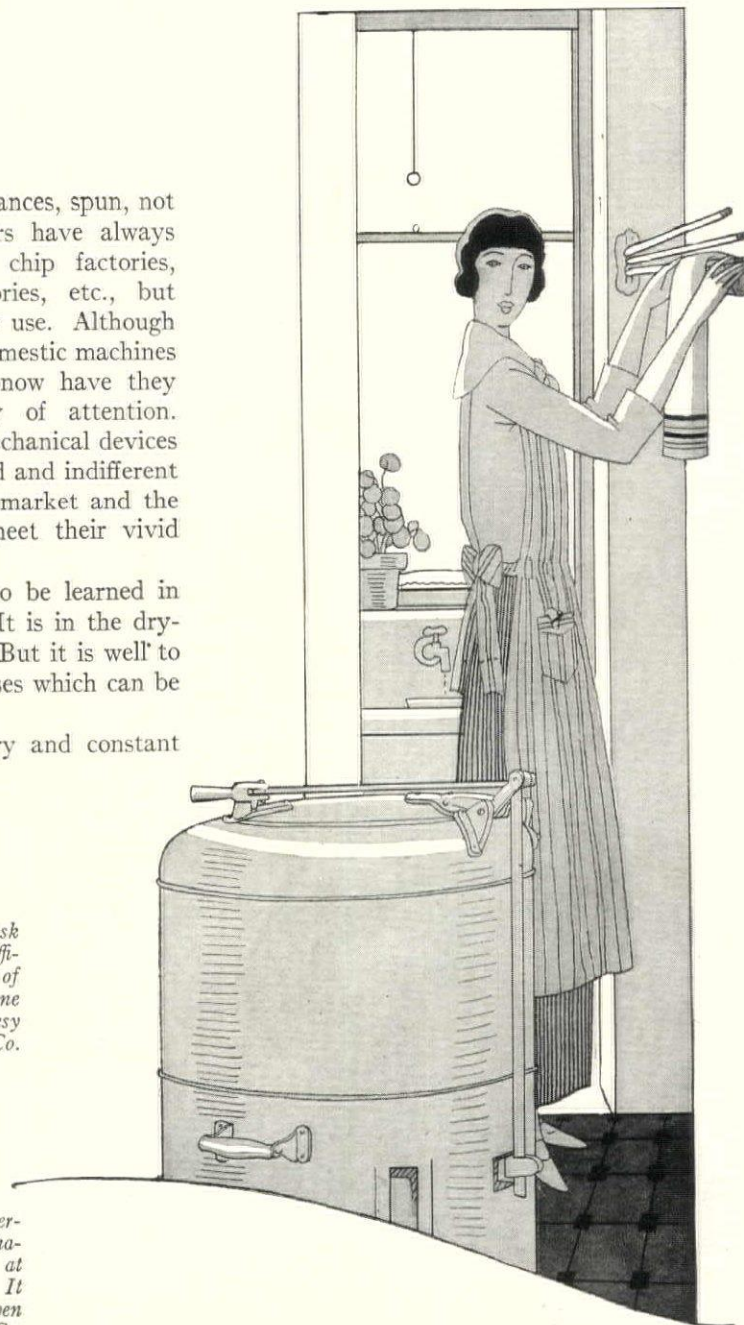
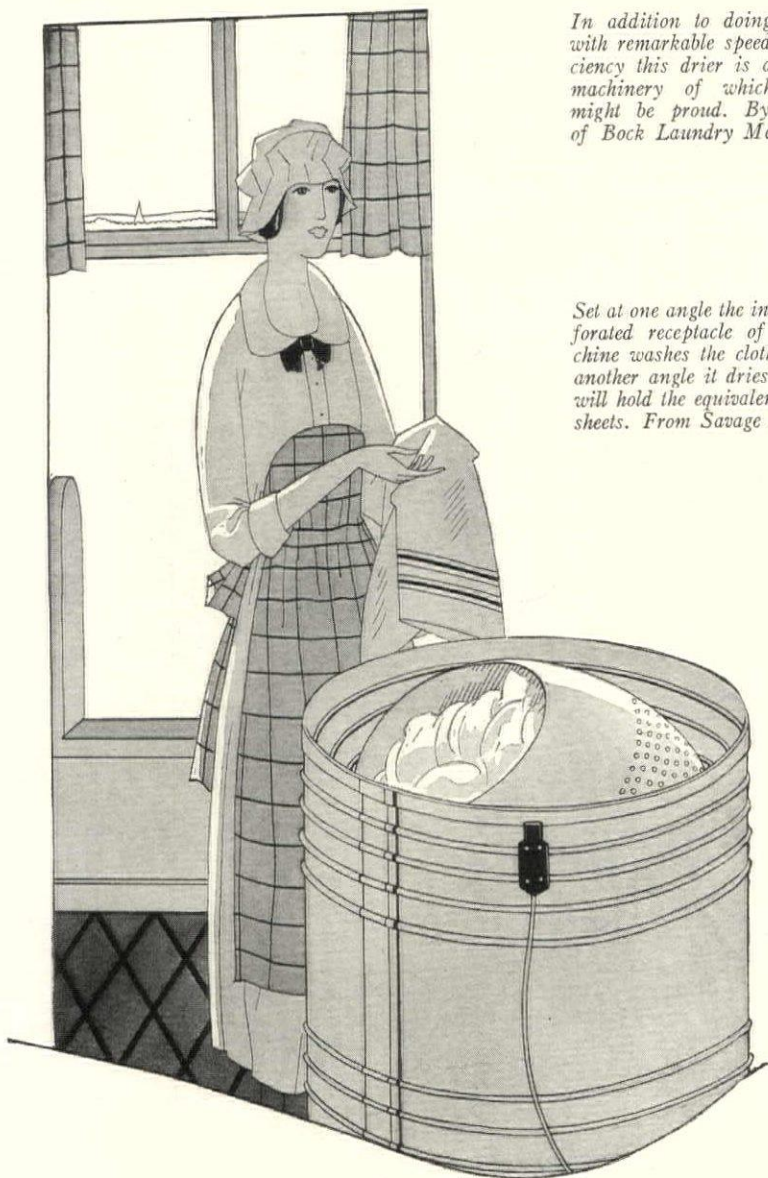
cleansers are, in many instances, spun, not sun dried. These spinners have always been popular in potato chip factories, laundries, hat manufactories, etc., but they are new for domestic use. Although they were introduced as domestic machines ten years ago, not until now have they become generally worthy of attention. For, as usual, with new mechanical devices for domestic use, good, bad and indifferent ones are forced upon the market and the unwary buy them and meet their vivid Waterloos.

There is nothing new to be learned in this method of washing. It is in the drying that novelty is born. But it is well to review some of the processes which can be eliminated.

Soaking is not necessary and constant

*In addition to doing its task with remarkable speed and efficiency this drier is a piece of machinery of which anyone might be proud. By courtesy of Bock Laundry Machine Co.*

*Set at one angle the interior perforated receptacle of this machine washes the clothes; set at another angle it dries them. It will hold the equivalent of seven sheets. From Savage Arms Co.*

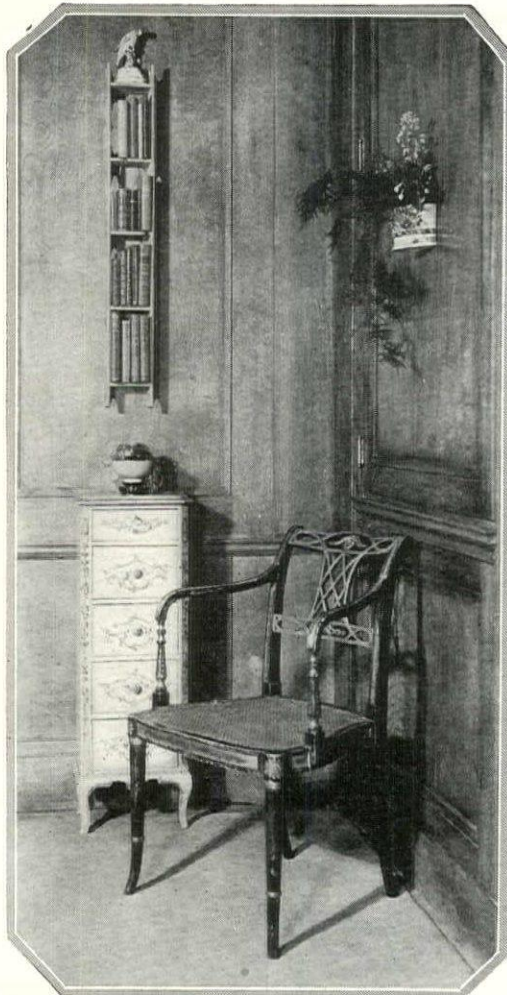


watching of the wringer is not needed. When you use a wringer, the process has to be watched as each piece of clothing or linen passes through the wringer. If you do not watch, you are apt to injure something. Then, too, you must watch it or your clothes, decked with buttons or pleats, may stall the wringer, unless you have one of the best wringers with excellent safety devices, which instantly releases buttons, your own fingers, or clothes that lump. But no matter how good your wringer may be, you have to concentrate on its processes; you have to dip your hands into hot water to put each piece through the blue and you have to engineer the wringing dry of each separate piece of wash. In the case of the centrifugal dryer, you only have to handle moist warm, not hot wet clothes, and you need not be concerned with the individual piece, you are only concerned with the mass. You

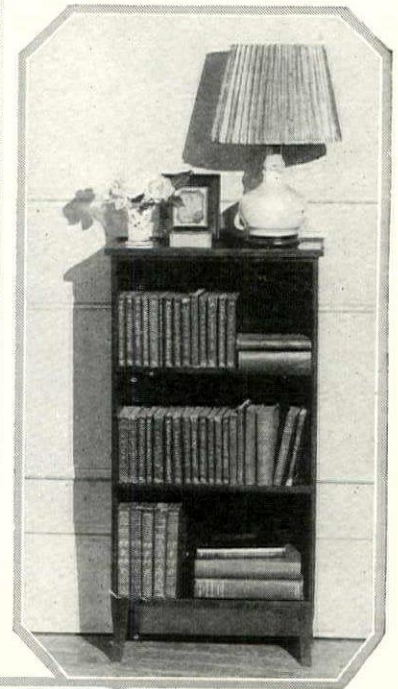
*(Continued on page 110)*

OCCASIONAL  
FURNITURE  
*for the*  
HOUSE

Which may be purchased through the  
House & Garden Shopping Service,  
19 West 44th Street, New York City,  
if not available in the local shops

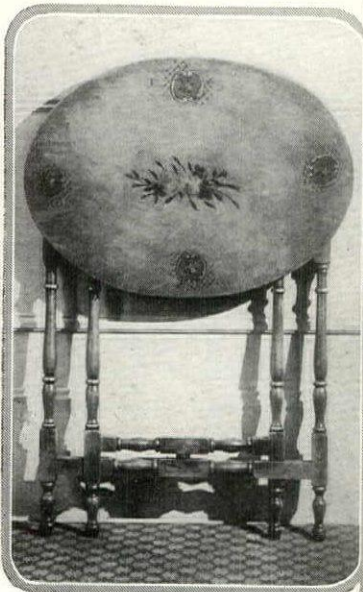


Hanging bookcase 5 1/2" wide, 38" long, painted any color, \$38. Small painted chest of drawers in any color, \$100.50. Copy of an Adam chair in black and gold is priced at \$95.50



This graceful Louis XV walnut commode might be used in either a bedroom or living room. 28" high, 9" wide, priced at \$45.50

The small maple bookcase above is 32" high, 16" wide, \$40.50. Cream pottery lamp, pleated silver paper shade, \$15.50, 15"



A small gategleg table painted antique green and decorated in the Venetian manner is 23" high, oval top 20" x 14", \$23

A Pembroke table in mahogany with line of inlay, \$42.50 30" high. Round top open, 31". Leaves down, 31" x 12"



Above is a useful tip table in mahogany with a decorative piecrust top. 25" in diameter 29 1/2" high. \$25

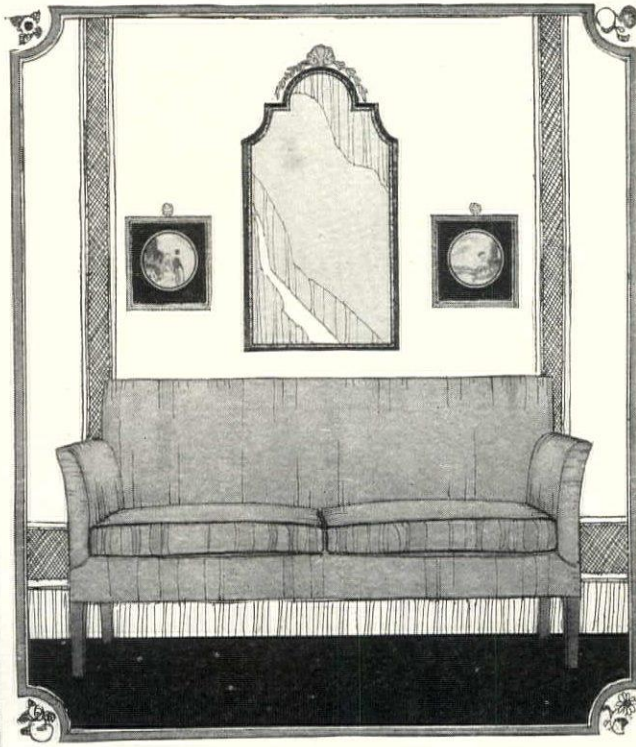
Chair is \$45.50 in muslin. In chintz, \$55.50. Italian pottery lamp with yellow silk shade, \$55.50. 21" high

Dana B. Merrill

COMBINING  
USEFULNESS

with  
BEAUTY

A service charge of 25c on articles up to \$10, and 50c on any article over that amount is included in the prices which are quoted on these two pages



A small sofa with down filled cushions measures 4' 6". In muslin \$95.50. Black and gold mirror 18" x 36", \$45.50. Colored prints, black and gold frames, \$25.50 a pair



The decorative lacquer gate leg table above is green with Chinese decorations in gold. 24" high. Top open 29" x 19" \$60.50



This unusual Queen Anne walnut coffee table stands flat against the wall, when not in use, 22" high; top 21" x 15", priced at \$30.50



One can never have too many small tables. Marble top and brass gallery, \$20.50, 21" high. With a wooden top \$13.50

The hanging bookshelves at the right are painted coral and gold. They come in any color for \$38. 28" wide; 20" high



The small French peasant chair above is walnut with a rush seat. It would be charming in a breakfast room, \$18.50

At the left is a graceful Regency arm chair, walnut, in antique finish, with a cane seat and back, costing \$125.50

# The GARDENER'S CALENDAR for FEBRUARY

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

*Too quick despairer, wherefore wilt thou go?  
Soon will the high midsummer pomps come on;  
Soon will the musk carnations break and swell,  
Soon will we have gold-dusted snapdragon,  
Sweet William, with his homely cottage smell,  
And stocks in fragrant blow.*  
MATHEW ARNOLD

*This Calendar of the gardener's labors is designed as a reminder for undertaking all his tasks in season. Though it is planned for an average season in the Middle States its suggestions should fit the whole country, if it be remembered that for every hundred miles north or south garden operations will be retarded or advanced as much as from five days to a week.*

1. Chrysanthemums for next fall must be propagated now. If the space is available it is good practice to put in a batch of cuttings every four weeks until June to assure a long period of bloom well into the autumn.

2. Plant stakes are necessary evils; we all wish that the plants would not require supporting, but they do, and we must accommodate them. Order stakes now. If you can't do this, cut some in the woods.

3. No one can garden well with dull or poor quality tools. This is the time to do any repairing that may be necessary. All edged tools must be sharpened; kerosene and grease will check the rust on all the metal parts.

4. Have you pruned your fruit trees? They will produce if left in a natural state, but not nearly so well. Good fruit is produced only where intelligent pruning is practiced, so your labor will be well justified and repaid.

5. Better get out the sashes for the hotbed and cold-frame, and see that they are in good condition. Broken glass may need replacing, and the wood should be painted to protect it from the weather.

6. Summer flowering bulbs such as cannas, gladioli, dahlias, caladium, etc., should be looked over carefully. Excessive heat or moisture will start them into growth; dampness with a low temperature is apt to cause decay.

7. Have your trees looked over carefully to determine their true condition. It takes a lifetime to grow good trees but they are subject to injuries of many kinds. A little tree surgery at the right time will save them.

8. Have you studied the merits of a fruit border? No place is complete without one. Raspberries, currants, gooseberries, blackberries, grapes—all these make excellent border plants for the garden.

9. Deciduous trees and shrubs also require pruning to keep them in good health. Early flowering subjects such as the lilac or spirea are best pruned after they have finished flowering along in the spring. This saves blossoms

10. Have you ever given a thought to the comforts of our greatest garden friends, the birds? Why not get a few houses where the birds can nest? A bath for the birds will give even more pleasure to you than to them.

11. Pea brush, bean poles and tomato stakes are necessities of a productive garden. A few hours spent with an axe in the woods will furnish you with these needed accessories. Gather them before they leaf out.

12. If you like golf you should have a practice green constructed on your grounds—a screened corner where you can practice when you want to. Sow it with fescue and creeping bent grass in equal quantities.

13. All plants that have been in the same pots for a considerable time, such as palms and other decorative things, should be re-potted before their active growing season starts. Top dressing is the alternative to this.

14. Have you ordered your supply of seeds? They should be on hand now. An old bread tin makes a good mouse-proof storage for them. Don't let the seeds get damp—a cool, dry place is the ideal storage place until planting time.

15. Start to prepare your hotbed now. At least 12 inches of good hot manure will be necessary for making it. Tramp this firm and cover it with about 4 inches of good garden soil that has been well screened.

16. Have you progressed any further than your mind with that rose garden you have been considering all these years? Each year that you postpone establishing it means that you are losing just that much pleasure.

17. No garden is complete without some well selected and properly arranged garden furniture. In normal gardening, pottery is very necessary to the completeness of the scheme. Make your selection and order now.

18. Now that the war is over let us think again of greenhouse construction. Greenhouses certainly raise the standard of any grounds, whether they be for fruit or flowers. Early planting means fewer errors.

19. Garden arbors as they are now made are very attractive and necessary accessories of the garden. If you wish to enjoy them this summer, they should be ordered now, as well as the roses or other vines for them.

20. Bay trees, hydrangeas, oranges and other plants of this type that are used for decoration outside in the summer should be looked over to see if the rubs will stand up through another season's use. If not, repair now.

21. It is much easier to overhaul your lawn mower now in the garage than it will be next summer on the lawn. At least the gear boxes must be cleaned out and repacked with vasoline, and the other bearings oiled.

22. Flowering plants of all kinds that are wanted for Easter must be started into active growth. By postponing this and then trying to rush them along the plants are invariably grown too warm and in many cases ruined.

23. All dormant trees are subject to the attacks of San Jose scale should be sprayed with one of the soluble oils. Trees that are already infested must have at least two or three sprayings.

24. If you cannot afford a greenhouse there are numerous styles of plant protectors that are helpful to gardening. They should be ordered now, as their greatest value is in the early season. Glass ones are excellent.

25. Start sowings now in the greenhouse of the hardy vegetables, such as cabbage, cauliflower, lettuce, celery, tomatoes, etc. Use flats or seed pans for great convenience, and provide plenty of drainage.

26. Sprays of all the early flowering spring shrubs can be cut and placed in water in the house where the flowers will quickly develop. Pussy willow, golden bell, Japan quince, etc., can be forced in this way.

27. Stock plants of all kinds of bedding subjects should now be started into active growth so that the necessary quantity of cuttings will be ready for taking when the proper time for them comes in the spring.

28. Before work is started outside you should make an inventory of your tools. Any new ones necessary must be ordered now. Tool designs keep on being improved as well as other things, so look them over.

29. Sweet peas may be started now in the hotbed or greenhouse. Paper pots are excellent for them. After the seeds have germinated the plants must be kept rather cool to prevent their getting soft and weak stemmed.

*Late lies the wint'ry sun a-bed,  
A frosty, fiery sleepyhead;  
Blinks but an hour or two!  
and then,  
A blood-red orange, sets again.*  
R. L. STEVENSON



SIR J. D. HOOKER  
A latter day British botanist of note, son of the founder of Kew



CAROLUS LINNAEUS  
This Swedish botanist was certainly one of the most famous of all



NEHEMIAH GREW  
An Englishman noted for his studies in vegetable anatomy



C. R. DARWIN  
This remarkable scientist devoted much time to botanical work



JEAN LAMARCK  
A French botanist, a founder of the biological theory of evolution



THEOPHRASTUS  
This Greek's botanical researches were standard for centuries

*While it may seem a far cry from the scientific study of plants to affairs of practical horticulture and the appreciation of their beauty in a June-soaked garden, there would obviously be immense handicaps to horticulture and garden-making if sometime this fascinating study had not been made, or if ever it should cease. These seven men, from Theophrastus to Hooker, represent, perhaps, the greatest achievements to have been performed in botany throughout the ages*



ULISSE ALDROVANDI  
One of the greatest of the early Italian botanists (1522-1605), the author of a remarkable Natural History, is seen here in the act of presenting his work to the pope



Enhance  
the  
Charm



of  
Your  
Home  
with



# JOHNSON'S *Paste - Liquid - Powdered* POLISHING WAX

You can give every room in your home that delightful air of immaculate cleanliness by using Johnson's Polishing Wax occasionally on your furniture, woodwork, floors and linoleum. It imparts a beautiful hard, dry, glass-like polish which will not show heel and finger prints or collect dust. Johnson's Wax cleans, polishes, preserves and protects—all in one operation.

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It will make them beautiful—easy to care for—they won't be slippery—and will not heel print. Wax is the most economical finish for floors—a 1-lb. (85c) can of Johnson's Polishing Wax being sufficient for finishing 300 sq. ft.—one coat. With waxed floors expensive refinishing is never necessary for walked-on places can easily be rewaxed without going over the entire floor.

### The Easy Way

To wax floors and linoleum use a Johnson Weighted Polishing Brush. It spreads the wax evenly—polishes the wax easily—and is an ideal floor duster. Price \$3.50 (West of Rockies—\$4.00). Dealers are authorized to give a quart bottle of Johnson's Kleen Floor FREE with each brush they sell.



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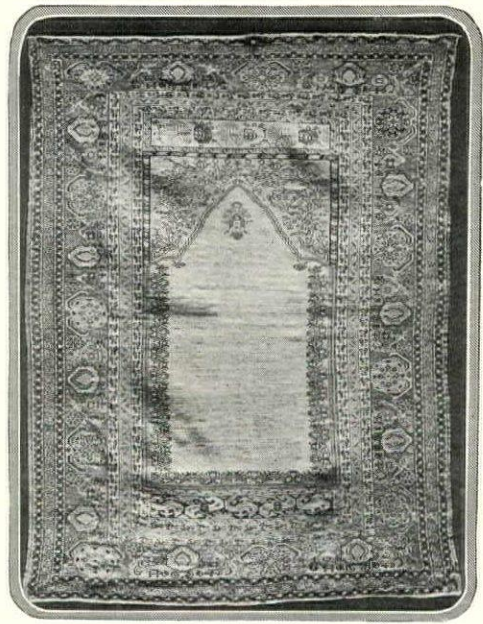
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A Ghiordes rug with a white ground, and soft faded reds and browns, blues and greens, in the border. The characteristic tree of life design appears round the niche

## GHIORDES AND KULAH

(Continued from page 76)

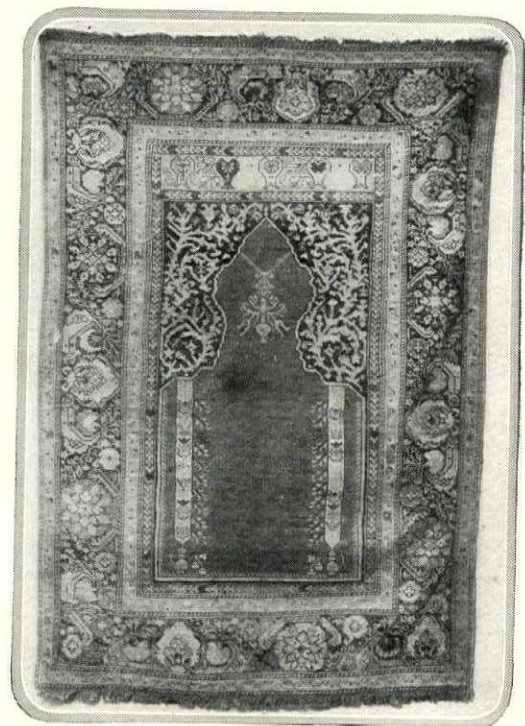
European and American marks. "Hands" are paid at the rate of a sweated industry, and this speeding up of the naturally indolent Turk has been made at the sacrifice of all the old and lovely qualities. As floor coverings, they are quite adequate, they are made in an accommodating range of sizes, they wear well, and, for all their decadence, they still retain some of that Eastern feeling which we have not yet succeeded in reproducing.

An old Ghiordes ranks high among Eastern productions; some would place it beside the finest contemporary Persian pieces. The weaving is somewhat coarser, the pile is soft and deep, but lacks the velvety sheen and texture of the Persian, and is, by comparison, a little rough. The designs are composite as the workers were cosmopolitan; Arabian and Persian influences are marked; at the same time,

it has unmistakable character and individuality. The colors and their arrangement on the pattern are balanced with a skill that is unsurpassed. Mastery of balance and the perfect harmony that results is, the keynote of an old Ghiordes.

Flowers and arabesques are the principal motives employed. The Turk's religious scruples will not permit him to reproduce any animal forms, such as the Persians, Indians and Chinese delight in; bird, butterfly, insect, fish—all are forbidden. The same designs are continually repeated, yet so cleverly that the result is never mechanical or monotonous. The general effect is a somewhat formal arrangement of borders and stripes usually surrounding a small central field. The border patterns are built up—blossom by blossom, leaf by leaf—

(Continued on page 96)



A 16th Century Kulah prayer rug showing exceptional design and coloring. The center is red and the surrounding design is blue. The border is in shades of old gold and yellow. A hanging lamp, columns, and jars are seen in the niche



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And Cadillac, in turn, has always paid careful attention to women's requirements in designing its product.

Never have the results been quite so fine as in the New V-63.

The New Cadillac-Fisher Bodies are a revelation of beauty and comfort; the car's absolute dependability, ease of handling,

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There has never been any question as to women's preference for the Cadillac, and now as their purchases show, this preference has been intensified by the quality of the New V-63.

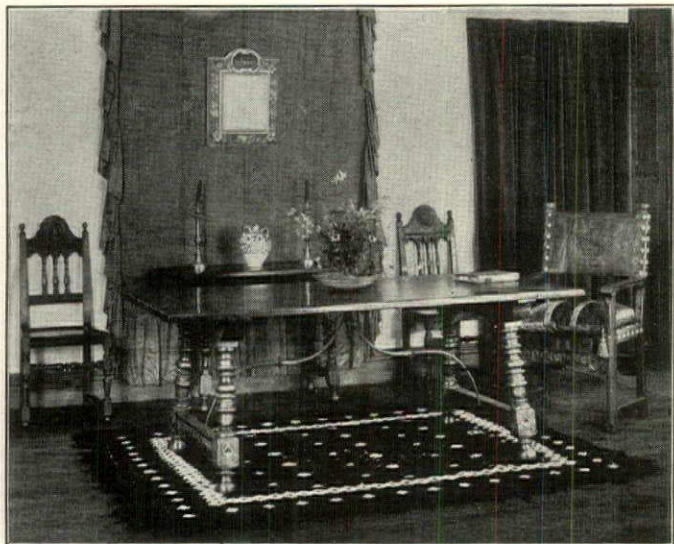
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Fidelity in design and the old-time hand processes of the Kensington craftsmen retain in Kensington reproductions the character and the decorative quality that are the charm of the antique.

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DECORATIVE FURNITURE ~ ART OBJECTS  
NEW YORK

Showrooms: 14 East 32nd Street

## GHIORDES AND KULAHS

(Continued from Page 94)

leaf, fine and delicate as lace, yet broad and clear in effect. The flower forms are not naturalistic in drawing, like the Persian, nor are they severely geometrical as are the Turkoman; they are stiffened and squared in a characteristic Ghiordes manner and fitted with extreme precision into a delicate yet conventional pattern. The chief border stripe, for instance, often consists of flower, stem, and foliage arranged so as to form a series of little squares alternating and repeating with the utmost nicety of balance. The species of plant on which the design is based is not as clearly defined as in Persian motives; the hyacinth is a favorite with the Turkish weaver, but it is sometimes difficult to recognize; a leaf form is constantly used which is uncommonly like a comb. Latch hooks are introduced freely, but the Herati design, which appears in practically every Eastern rug, is rarely, if ever, seen in the Ghiordes, and the pear design not often.

Blue, red (that sometimes shades to magenta), canary yellow, and a pale shade of Nile green, are the principal colors that go to produce the soft harmony of antique Ghiordes rugs. White is used sparingly; a pale yellow takes its place. The field is blue rather more frequently than red, and the Nile, or sacred green, so rare in the majority of Oriental rugs, is typical of the Ghiordes. In genuine antiques which have been dyed with pure vegetable pigments the hues grow mellow with time; red, for example, gains intensity, whereas the later aniline red fades or alters to a tinge not far removed from pink. The modern weaver uses more colors and half-tones, yet fails to achieve the subtle gradations which were the result of blending and balancing.

The prayer-carpet—*Namazlik*, is a thing apart; in Turkey especially it differs from the *Odjalik*, or hearthrug, along with the highest technical and artistic excellence, a deep religious feeling is woven into its fabric. Turkish prayer-carpets are known all over the world; an old Ghiordes is the Mecca of every connoisseur's desire. Of late,

dealers have been buying them up, and prices have advanced considerably within the last ten years. A prayer-carpet is necessary to the faithful; carefully rolled up, he carries it with him wherever he goes in order to have a pure undefiled spot to kneel on when the Muezzin calls to prayer from the tower. The idea of a mosque pervades the whole design; the prayer niche usually represents the doorway; a column stands on either side and a lighted lamp hangs suspended by chains from the apex over the field, which usually is a plain color—blue, red or green. Sometimes, instead of the burning lamp, a vase or a newer containing flowers hangs head downwards. The ewer, with spout and handle, symbolizes the ablutions which, five times a day, precedes the prayer. The architectural columns on either side in some rugs are represented by insubstantial traceries of flower, fruit and stem. In a Ghiordes the prayer niche is steep and high, often broken towards the top and at the base, and thus not sharply angular in the more usual way.

Kulah, Ladik (or Laodicea) are two other famous names among the rugs of Asia Minor. A curious feature which appears on some of the finest pieces is a silk fringe at each end, which has been sewn on after the rug was finished, instead of the usual fringe of warp threads.

Anyone who is fortunate enough to own a fine antique Ghiordes will take care to place it in a good light and out of the beaten track. The modern fabrics can be treated as ordinary floor coverings; they are useful and by no means exacting to accommodate. The antiques, on the other hand, are not at home in the ordinary every-day living room; they need fine surroundings, they accord with the rooms of a collector and amateur of fine, beautiful things. Eighteenth Century satinwood, Ming porcelain, Dutch paintings, Venetian glass—whatever has quality and beauty of its own will be enhanced by the beauty of a Ghiordes. Obviously, in the freak room, the ultra modern, or the experimental, it is out of place.

## ON HOUSE & GARDEN'S BOOKSHELF

THE SPIRIT OF THE GARDEN, by Martha Brookes Hutcheson. The Atlantic Monthly Press.

In effect, Mrs. Hutcheson begins her book on garden design with *Broadly speaking*. Instead of using that particular phrase she says in the introduction that "The technicalities which can only be known through professional training and experience are by no means dealt with in this book, its topics only being sufficiently touched upon to arouse interest and insight in a broad conception of the creation and reason for the various arrangements." By following that plan she has written a book which does not fill the layman's mind with a confusion of terms and methods. She accomplishes this without falling into vagueness. Also, she feels the fascinating qualities of gardens and garden design without succumbing to the usual sentimentality.

We mention these things because they are distinctly refreshing. We believe that the reader who takes his garden seriously, but not too seriously, and who is really interested in the subject of garden design, will be attracted to *The Spirit of*

*the Garden* partly on that account. Then there is a chapter called *The Importance of the Axis* which seems to us a particularly fine and illuminating bit of work, for it not only emphasizes the importance of the axis, the most vital abstract element of garden design, but presents in a very convincing manner the significance of formality in even informal design. Finally, it is written in a way which will make pleasant, if not pleasurable, reading.

LANDSCAPE ART, PAST AND PRESENT, by Harriet Hammond McCormick. Charles Scribner's Sons.

Mrs. McCormick's brief essay is a pleasant distillation of the history, aims and practice of landscape architecture. It is written with an affectionate regard for a subject which interested her deeply, both in the way it concerned her own surroundings at Walden and in the way it concerns the happiness of mankind everywhere. There are fifty or more plates, for the most part splendid illustrations, which act as a complement to the text. The book is an unusually handsome bit of printing and bookmaking.







## CREWEL EMBROIDERIES AFTER THE FAMOUS EMBROIDERED FABRICS OF OLD ENGLAND

EMBROIDERY seems to have been used for ornament almost as soon as there was sewing. The earliest actually known, however, is the embroidered linen dating back to about the fifteenth century B. C. which was found in the tomb of Tethmosis in Egypt.

In the western world the craft has always been most favored in England. From England in the eleventh century came the famous "Bayeux tapestry," which is not tapestry at all but the embroidered story of the Norman Conquest.

### *"De Opera Anglicano"*

In the thirteenth century English embroideries were famous over all the western world. "De opera anglicano" is the qualifying phrase after the entry of many an embroidered object in contemporary inventories.

But it was in the sixteenth and seventeenth centuries that England began using embroideries extensively for hangings and furniture coverings. Then bold floral patterns were developed, and used for hangings, curtains, and coverlets.

It is the delightful floral patterns of the Jacobean period that have inspired many of the Schumacher embroideries. Other

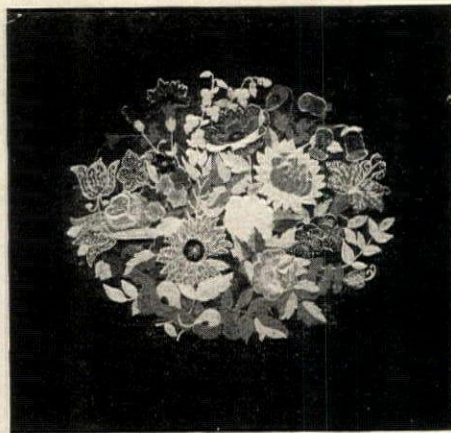
sources, too, have been drawn upon. Executed in machine crewel stitch, these embroideries are faithful to the spirit of the old hand crewel work.

They are especially suitable for use on furniture as the pattern can be so readily adapted to the particular lines.

### *Your own designs*

The scope of embroidery is almost limitless as the patterns can be woven in any size or coloring desired. Special orders from your own designs are welcomed, and will be executed with the most interested attention.

Your own decorator or upholsterer will arrange for you to see the many lovely embroideries and other Schumacher fabrics. He will also arrange their purchase for you, or the execution of embroideries after your own designs. F. Schumacher & Co., Importers, Manufacturers, Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York. Offices in Boston, Chicago, Philadelphia.



*Bouquet with ribbons, after a French design, embroidered in gay charming colors*

*A Venice Bouquet with masses of colorful flowers*

*Jacobean design cleverly adapted to the chair's lines*

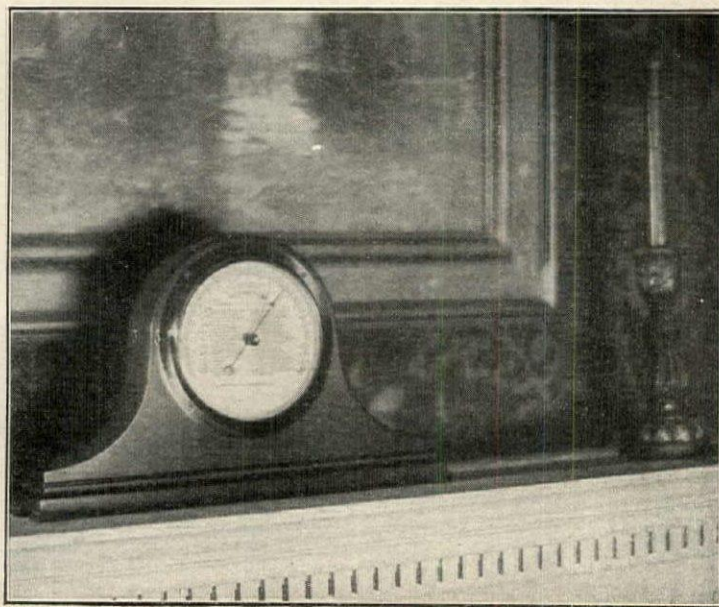


*Design taken from old Jacobean document, reproduced in machine crewel stitch*



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*A balanced grouping of furniture and a nice arrangement of articles on the mantel piece make this fireplace end of a morning room both decorative and restful*

## A VERY PERSONAL COUNTRY HOUSE

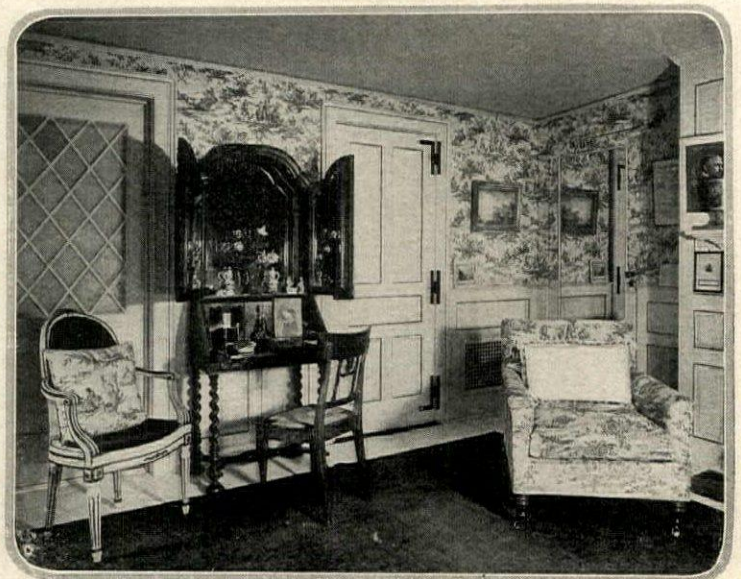
(Continued from page 55)

small English pottery is exposed in unusual Queen Anne cupboards. You wander off through an open door into an unexpected little writing room, which has adhered more closely to one taste: the Chinese. Here a rug with warm, violet-mauves and pinks covers the floor. Toile curtains figured with Chinese vases and flowers frame the windows and four beautiful old wash prints hang on the four principal wall spaces. A small black and gold lacquer corner cabinet hangs in one corner and is filled with Chinese porcelains. There are literally dozens of these little hanging cabinets in this house, in the bathrooms, in the bedrooms, everywhere. In fact, the two most definite hobbies of the mistress of the house are small hanging cabinets and clocks, of which she has dozens.

In order to reach the morning room you must go back into the library or the hall. This small room, again white paneled, is furnished with the most delightful collection of small furniture and small tables and pictures, objects of art and small cabinets. A miniature secretary is shown in one of these illustrations with the sliding candle shelves used as they were intended. The mantel is also shown with its very personal arrangements of pictures and small objects. From this room again one looks into an unexpected room, this time an enormous living room which runs out at a right angle to the house. This long room is a recent addition and has many wide windows which are simply framed by their curtains pushed back so that no light will be kept out of the room. There are no glass curtains used in any of these rooms. One looks out into the branches of the trees. The window shades are kept rolled up to the top of the windows so that one really seems to be in a room with three walls open to the forest. This delightful room is glorified by three magnificent Spanish rugs which run its entire length, a wide one in the center and a narrow one on each side. There are such choice things in the room as a pair of chairs from Thackeray's library and dozens of beautiful English occasional tables, each one a document of importance.

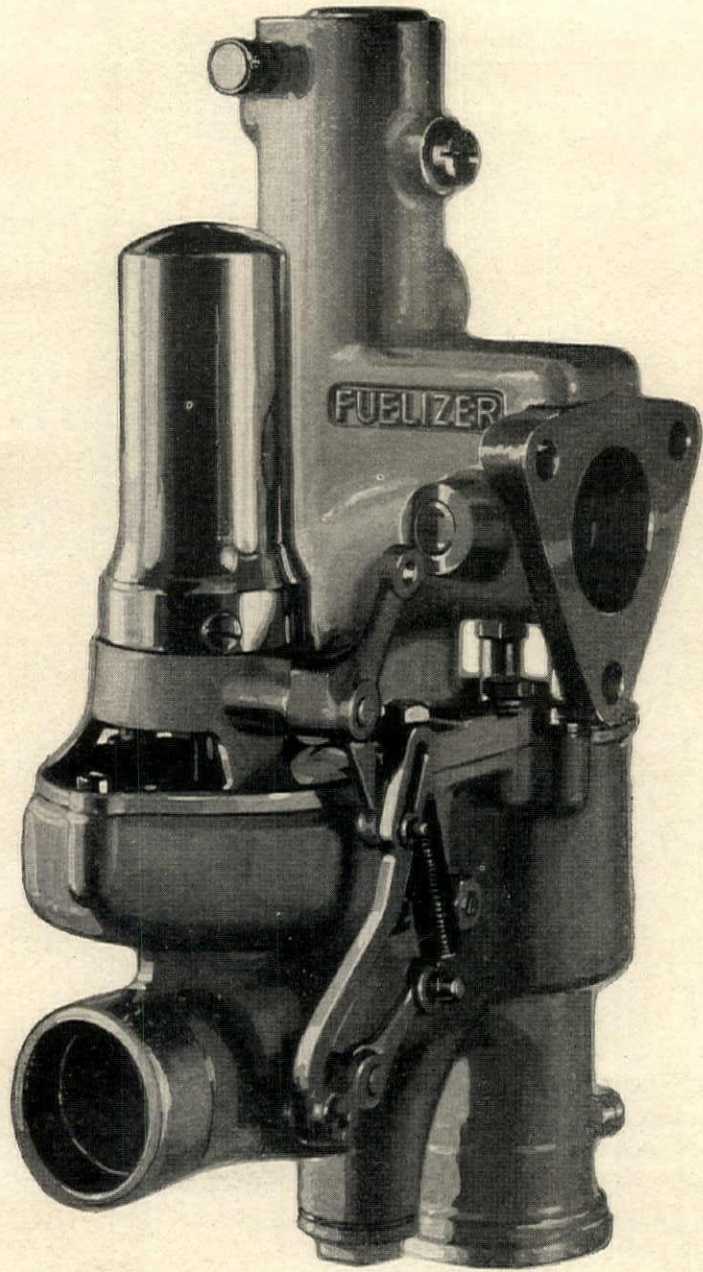
Upstairs there are half a dozen equally personal bedrooms and the large Dutch

(Continued on page 100)



*The walls of a bedroom are covered in toile de Jouy. An interesting piece of furniture is the Queen Anne desk with its top portion lined with mirrors*

# Only Packard owners know



If you analyzed the contentment of the Packard owner you would have to give a big share of the credit to the exclusive Packard Fuelizer = = = It's a noticeable fact that you never hear a Packard Single-Six or a Straight-

Eight choke or sputter, you never see one balk at the get-away, you never find one hesitating when you "step on it" = = = You can thank the Fuelizer for all that and much more. For if there is anything that adds to comfort more than quick starting in cold weather, or prompt acceleration, it would be hard to find = = = So credit the Fuelizer with a big job. Only the Packard owner knows or can know how big that job is, or how much it adds to the satisfaction of motoring; but when you buy your Packard you can expect your Fuelizer to do these things: (1) Reduce the warming-up period in cold weather; (2) add greatly to the speed of acceleration; (3) save fuel; (4) diminish formation of carbon on spark plugs and cylinder heads; (5) practically eliminate gumming of valves and, (6) minimize dilution of crankcase oil.

*Four-wheel service brakes; 2 additional rear wheel brakes—a total of 6—on all Packard cars*

# PACKARD

## A VERY PERSONAL COUNTRY HOUSE

(Continued from page 98)

painting room. The bedroom of the mistress of the house, a detail of which is shown here, again is an example of the friendliness of unrelated things. The walls above the American paneling of white paint are covered with Toile de Juov, the most characteristic of all French things. The four-post bed is American and a charming writing desk has the interior of its upper cabinet lined with mirrors and here a number of small pieces of Staffordshire and a Waterford vase of fresh flowers reflect themselves. Old French prints hang on the Toile de Juov. A small Chinese rug lies beside the bed.

From this room a passage paneled with the most beautiful French woodwork and magnificent old doors leads to the sitting room beyond. Doors open from this passage into the clothes closet and bathroom, which are equally original. The bathroom walls are covered with a painted blue canvas and then covered with ordinary units of window glass, the corners being held together by gilt rosettes. The blue painted canvas under this glass gives the effect of colored glass. On these

walls are hung old Chinese Chippendale hanging cabinets which hold the bottles and toilet articles.

The sitting room beyond, which is the most important room in the house, is painted a pale gray-green with moldings of gold. The windows here are curtained with great soft curtains of yellow taffeta. An extraordinary collection of small French tables, stools, and chairs is arranged here, and the most beautiful Chinese porcelains, rock crystals, and vases. A low sofa is drawn up into one of the large groups of windows where the breakfast table is placed every morning for the master and mistress of the house.

The main reaction you have after wandering through all these rooms is that you must go over them all again—at once. Nothing is repeated. You feel that you could spend hours looking at the small pictures alone, or the different vases so perfectly filled with garden flowers, or the quaint cupboards with their stock of treasures, or the little footstools. And yet nowhere is there a crowded, auction-counter atmosphere. You feel that all these old things have somehow come home to their right places.

## THE FURNITURE OF NORMANDY

(Continued from page 67)

goods as at Vire, or copperware as at Villedieu, they always attained the highest rank, thanks to the harmony of their line, their happy sense of proportion.

Beginning way back in the 8th Century the different corporations that took refuge in the shadow of the big abbeys where they found security, developed most marvelously. These rich communities assured them a constant amount of well-paid labor, demanding in return only the finest workmanship. The doors, doorways, chests, etc., that date from this early period are the highest expression of a new born art.

Later on during the 15th and 16th Centuries, schools of sculpture were founded at Rouen, Caen and Bayeux and it is to this admirable period that we owe the picturesque high gabled houses whose every timber is a work of art. All the furniture, even the most rustic was ornamented with wood carving, the material, almost always oak, demanding simple, severe designs. And it is well worth remarking that the changing tide of fashion had practically no influence on these Norman cabinet-makers. They chose from times past and present that which they considered would be most harmonious in line, most acceptable to their clientèle.

So it happens that a Normandy buffet or dresser of the late 18th Century may have a bead-and-dart Louis Seize cornice, Louis Quinze doors, and all of its moldings pure Louis Quatorze. It is an erroneous belief that the egg-and-dart border is particularly characteristic of the Louis XVI period. It is to be found profusely in the Louis XIV style, probably an heirloom of the late Renaissance, which, if traced to its source, almost surely originated with the Greeks.

But to return to Normandy furniture. The pieces most characteristic of that province are the famous "armoires" or wardrobes, the cupboards, grandfather clocks, chests, benches and rush bottomed chairs of all kinds. And it is interesting to note that pegs, wooden pegs, not nails, were always used to assemble a piece of furniture.

With modern times and customs the chest or coffer has had a tendency to disappear, though in certain rural districts I know of several sculptured chests that are now serving as grain bins in the stables; great polished oak trophies which would drive the collector to distraction and that no money can purchase.

"L'armoire," improperly termed "wardrobe," was much less employed to hang one's clothes than as a linen closet. And what linen closets! And what quantities of linen! In Normandy it is far beyond a necessity, it is a hobby which oftentimes means a fortune.

In years gone by it was customary to bring the bride's trousseau to her new home on her marriage eve. (Let us be sure we understand the word trousseau in the French sense, which not only signifies linen and lingerie but also personal and household belongings which are part of the girl's dowry and will be noted on her wedding contract in minutest detail.)

There is a celebrated lithograph by Bellangé, representing the arrival of the trousseau, the "armoire" perched in the back of a two-wheeled farm cart, drawn by three tandem-harnessed dray horses, while on the front and only seat sits the future bride, holding onto her precious spinning wheel.

The more delicate articles, such as laces and fichus were carefully folded away in a little wooden trunk, naively ornamented with gay arabesques or brilliant birds, on bright colored backgrounds. These same treasure boxes, especially the larger ones, have appealed to many people who have wandered into the antique shops of Normandy. And now that the "boite à dentelles" has passed out, a new use has been found for these delightful "coffrets," and in the corner of many an American chimney-piece can be found the "petite malle normande," become an artistic receptacle to hold small logs and kindling wood.

"L'armoire" being the most important and imposing piece of furniture in the trousseau almost always bore carved

(Continued on page 102)



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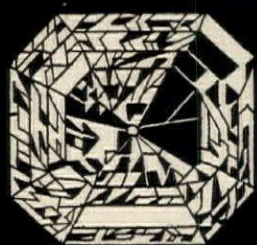
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*Behind each of these famous stones and others that could be mentioned, is a long trail of romance and adventure.*

*Another historic jewel is the Black Starr and Frost diamond. It is a blue diamond, of a particular intensity of color, and weighs 127 carats—larger than the Koh-i-noor. More than that it is the largest blue diamond ever discovered, it is absolutely perfect in every way, and it is the largest diamond of any kind which is offered for sale. Size  $1\frac{3}{8}$ " by  $1\frac{1}{2}$ ", price \$300,000.*

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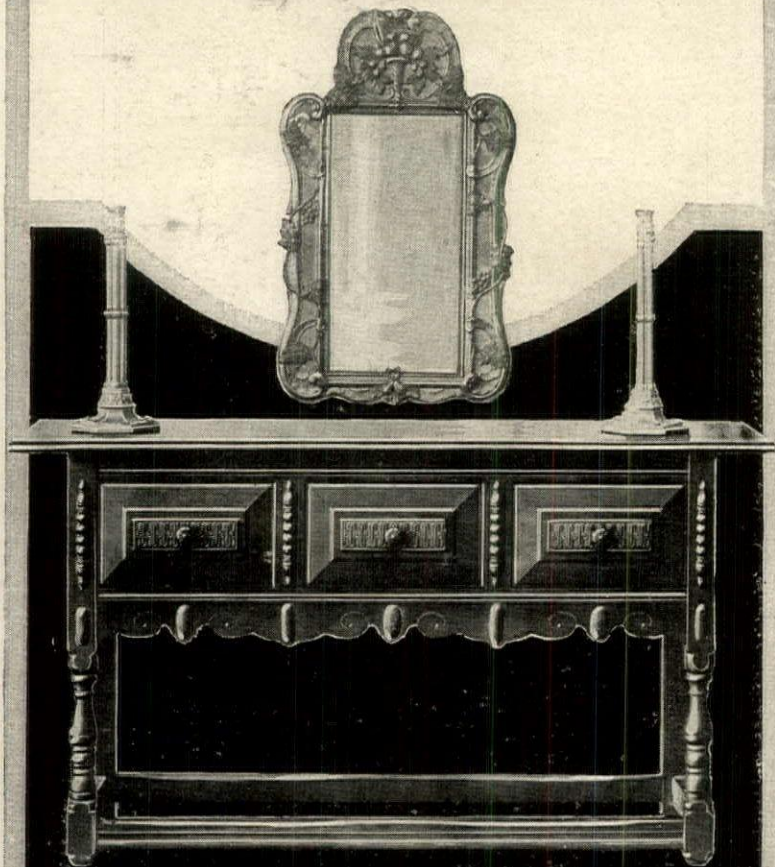
The folder shown above illustrates a few; desks, tables and chairs in intriguing designs and velvety finishes; tea carts, smokers, apartment suites; all reflecting a perfection possible only from the hands of a genius designer and builder. Send for it.

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Furniture  
The MARK of  
FRED E. HILL  
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## THE FURNITURE OF NORMANDY

(Continued from page 100)

attributes, sentimentally symbolic, such as the torch of happiness, Cupid's quiver, hearts entwined, turtle doves, flowers, sheaves of wheat, etc.

The shelves were lined with red and white or blue and white striped linen, and a ruffle of the same material used to hang down over the edge of the shelf and thus preserve the snowy piles of "linge" from any dust that might filter through the cracks or the keyhole.

The "vaisselier" or china holder is one of the most ornamental and decorative pieces imaginable. In reality it is a tier of shelves, any number, with or without a back, that may be hung against the wall or stood on a low side-board. In many cases it forms part of the buffet itself and when lined with gaily checked linen and set out with bright china plates and pitchers it gives an air of cheerfulness to the most somber or even dingy interior.

The real Normandy table is either long and narrow, with a bench at each side, or square with leaves that may be drawn from beneath it.

As to the chairs, there is no end to their variety. I became so enthused by them and found so many amusing models that I actually started a collection. But I soon had to stop; there were too many and my space too limited.

Thanks to their proportions and the purity of their lines even the most ordinary have a certain artistic value. They are almost always rush bottomed, and should be embellished by gay little ribbon-bound cushions, with streamers to attach them to each leg, holding them firmly in place on the seats. When the back is composed of other than a set of simple bars the wood is left apparent. But for comfort's sake a little head cushion is sometimes added. I have even known Normandy bergères covered with silk needle point!

Compared to the prices asked for what we know as "meubles de style" this rustic antique furniture is still to be had within the limits of reason. Disdained for a moment when marvels were to be had for a song, it has suddenly sprung into popularity, and with its vogue has risen its value. It is the thing, "par excellence" for the cottage at the seaside and yet on account of the warmth of its "patine" it is growing more and more in demand for the city

residence. It harmonizes so pleasantly with the pretty peasant stuffs of Rouen, the checked linens, the red and white toiles de Jouy, the gayly decorated faience, copper pots and pewter mugs.

The minor household utensils have scarcely changed in Normandy, and sometimes by a piece of luck one can still pick up in a little country store enough to decorate a "vaisselier." At Evreux, Bayeux, Lizieux and Caen, but mostly at Evreux, in the lesser antique shops are still to be found many small trinkets, purchasable at most reasonable prices. It is thus, by patiently overhauling a load of what seemed to be trash that had been dumped on the counter of an open air local fair, that I unearthed an engraved brass waffle iron that is my pride and the envy of all my friends. It is true that I risked soiling a pair of new chamois gloves, but as the old adage goes, "Qui ne risque rien, n'a rien."

The day of "finds" is not yet over, but its twilight is rapidly approaching. The great thing is to be able to make one's choice before fashion takes up an idea and makes a hobby of it. For, strange as it may seem, the mode does not even respect the antique, and once she decrees her intentions the collector may consider his doom sealed.

Two years ago almost anywhere in Normandy you would come upon great piles of printed cotton handkerchiefs. They were infinite in design and could be had for two, three and five francs apiece. Some sportswoman having launched them at Deauville as neckerchiefs, the demand almost immediately exceeded the supply and a mouchoir that one would have disdained a year ago is now worth fifty and sixty francs.

The same thing happened in connection with those delightful, gay colored quilted linen skirts, long worn by the peasant women of the South. I forget just which "grande maison" set the fashion for sport jackets cut in the very latest style, but on every beach in France this last season one could see hundreds of these charming variegated quilted novelties. But alas for the woman who left the cushions of her dining-room chairs to be made in the Autumn! She will have to skirmish to find them; she will have no choice and more than likely will have to take what she can get at triple the price.

## DR. WALL'S WORCESTER

(Continued from page 62)

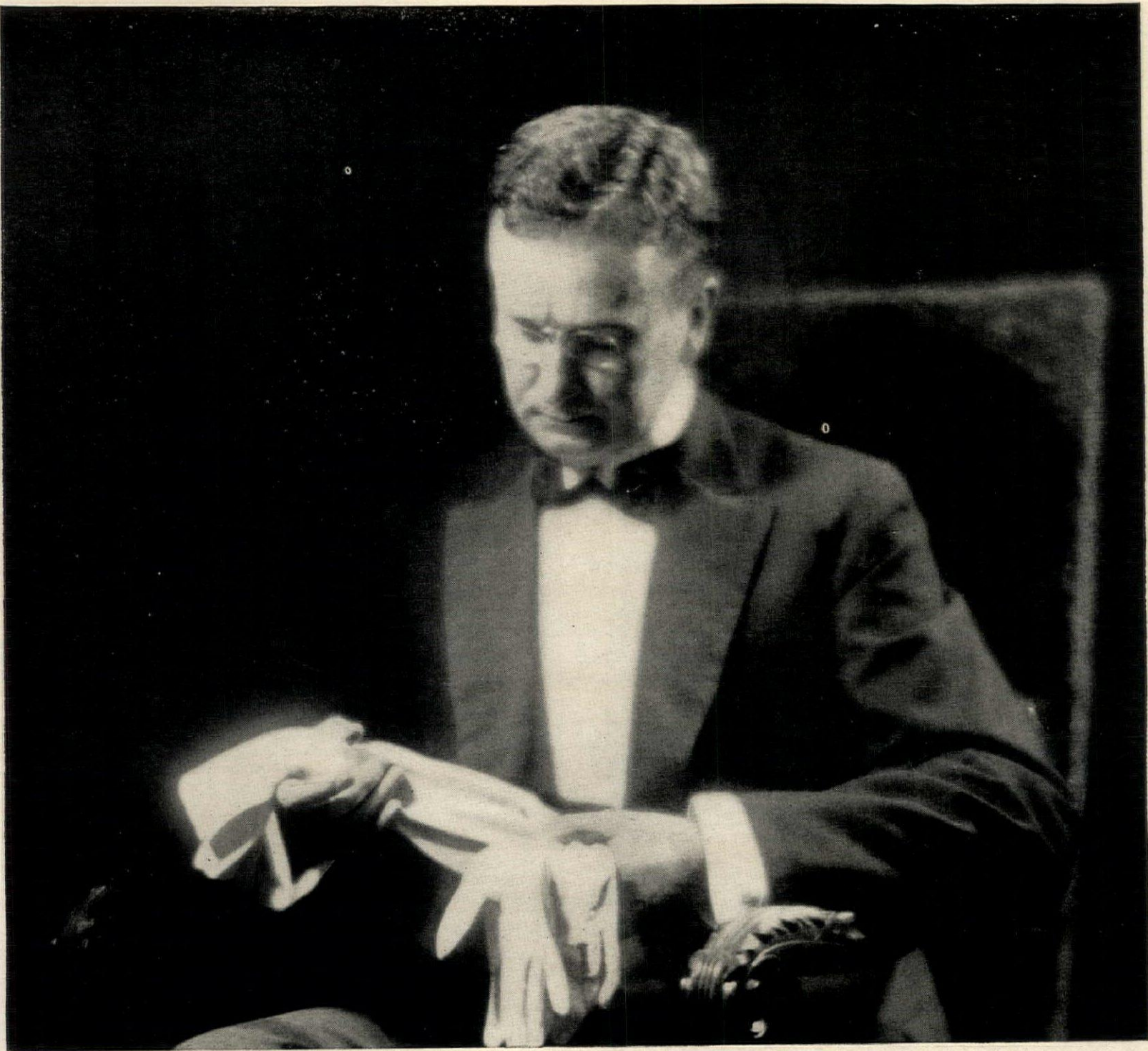
magnesia it contains had been already discovered and used in a small and unimportant factory at Bristol, and that Dr. Wall learned the recipe from the workmen at Lowdin's China House there, and having tested and proved its value, made it his own.

"A body of surpassing excellence" was certainly an apt description. Much of the old *pâte tendre* of that time, lovely though it is, yet is now rare enough to prove its lack of fitness for everyday use; too dear for all save the wealthy amateur; too fragile for ordinary handling. But the Wall porcelain (though superficially resembling its contemporaries) was strong in comparison. The glaze was impervious to heat, the ware stood the test of time without discoloration. Journalists of the hour had a good deal to say about this new virtue.

Crazing, or spreading all over into a network of tiny cracks, was a well-known fault in the Bow and Chelsea porcelain.

To attain the qualities of true China ware was the Mecca of every potter's desire; Worcester from the outset worked to that end; "The Worcester Tonquin manufactory" was the first idea for a name. Nankin would have been more to the point, since nearly all the early Worcester was modeled upon Nankin blue-and-white. At a time when Rococo decoration was at its height, Worcester porcelain was made on comparatively simple lines. Hexagonal and oval forms were characteristic, a flower-knob for the handle of a lid is the Worcester concession to the rocks and ribbons and frills of the period. Contemporary silver-work was

(Continued on page 108)



## Why did she leave him that way?

**H**E felt a strange, new, emotional thrill that evening. She had been perfectly enchanting. And before him floated visions—of—well everything he had dreamed of during the lonely periods of his bachelor days.

Yet he couldn't express himself. When he pleaded for permission to call next evening, her reply was a crisp, cool "No!"; and with scarcely a good-night she darted out of his car, up to her door and was gone. . . . So hurriedly, that she forgot her gloves. He was puzzled and discouraged and—hurt.

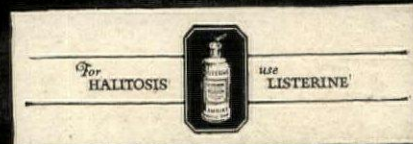
\* \* \*

That's the insidious thing about halitosis (unpleasant breath). You, yourself, rarely know when you have it. And even your closest friends won't tell you.

Sometimes, of course, halitosis comes from some deep-seated organic disorder that requires professional advice. But usually—and fortunately—halitosis is only a local condition that yields to the regular use of Listerine as a mouth wash and gargle. It is an interesting thing that this well-known antiseptic, that has been in use for years for surgical dressings, possesses these unusual properties as a breath deodorant.

It halts food fermentation in the mouth and leaves the breath sweet, fresh and clean. *Not* by substituting some other odor but by really removing the old one. The Listerine odor itself quickly disappears. So the systematic use of Listerine puts you on the safe and polite side.

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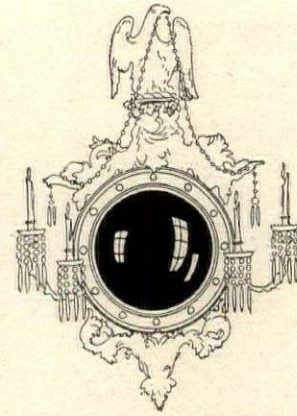
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Originally the girandole was a wheel-shaped candelabrum; eventually it was attached to a mirror

## WHAT DO YOU CALL THAT PIECE?

(Continued from page 73)

of furniture. First used at the very end of the 17th Century where we find Saint-Simon referring to it in his Memoirs. The chaise longue in three parts was known as a "chaise longue Duchesse." With its use went a rich bellowered coverlet to throw over the legs.

12. CHIFFONIER. From the French word "chiffons"—finery. Narrow high chests of drawers, veneered and often with marble tops, used for stowing papers, jewels or finery. First became fashionable about 1750.

13. CLAW and BALL FOOT. Type of foot very popular from early Georgian times on. A decorative motif taken indirectly from the Chinese who have used it from antiquity. There are an infinite number of different kinds of feet used on furniture most of which are self explanatory, such as: bun foot, spade foot, web foot, furred paw foot, scroll foot, bracket foot, splay foot, club foot, block foot, hoof foot, etc.

14. COMMODE. First used to designate a low chest of drawers with marble top about 1700. Until the end of the 17th Century personal belongings were kept in chests with the tops made to lift and consequently most inconvenient. Some ingenious person had the idea of dividing the space into compartments functioning independently whence arose the name commode.

15. CREDENCE. A cupboard-like piece of furniture well ventilated which during the 17th Century was used for the storage of provisions. It was also placed in the dining hall and served for the display of pieces of plate and dressed meats.

16. CYMA CURVE. A compound curve of ten found singly or in combinations in early Georgian design. The cabriole leg is formed of a single cyma curve, while in its compound form it occurs in cabinet hoods or tops of the period. It is a curve full of graceful lines.

17. DRUNKARD'S CHAIR. An armchair of unusually capacious dimensions popular in the lusty Georgian times when three or even four bottle men were common. Chippendale designed several chairs of this type.

18. FAUTEUIL. French armchair. The name was first definitely used in 1632 in an inventory of Hilaire de la Chaussee. In those times it was a sumptuous piece of furniture, generally covered in the richest fabrics and found only in the houses of the great.

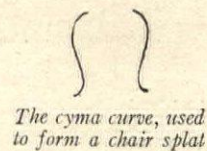
19. FINIAL. Name given to the decorative motif terminating an upright: as the carved and gilded acanthus leaf finials so often found on the backs of Italian Renaissance chairs or the turned vase shaped decorations on the tops of Georgian cabinets.

20. FLARE. The outward curve or bend somewhat on the order of a sleigh found in some designs. The daybeds of the Directoire Period were often made with a flared headboard and footboard.

21. GALLERY. A raised or fretted rim either of wood or metal used on table tops. A feature which found great favor in France during Madame de Pompadour's time when tables with marble tops and bronze galleries were most fashionable, an effort was even made to name them after her. Chippendale was fond of using pierced or fretted galleries on his small tables, some of them being most elaborate. Galleries of metal bars or rails are found on the backs of sideboards of Sheraton design.

They served as a support for the family plate and also for candelabra.

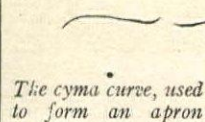
22. GIRANDOLE. From the Italian "Girandola," a sort of fire-work shaped like a wheel. Candelabra with arms, often ornamented with pendeloques of crystal, which when illuminated form a circle or cone of lights, became most fashionable towards the (Continued on page 106)



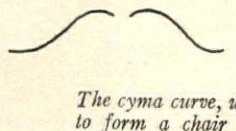
The cyma curve, used to form a chair splat



The cabriole leg, of French origin



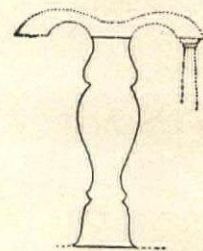
The cyma curve, used to form an apron



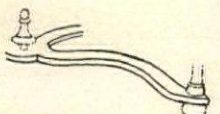
The cyma curve, used to form a chair top



A ball and claw foot

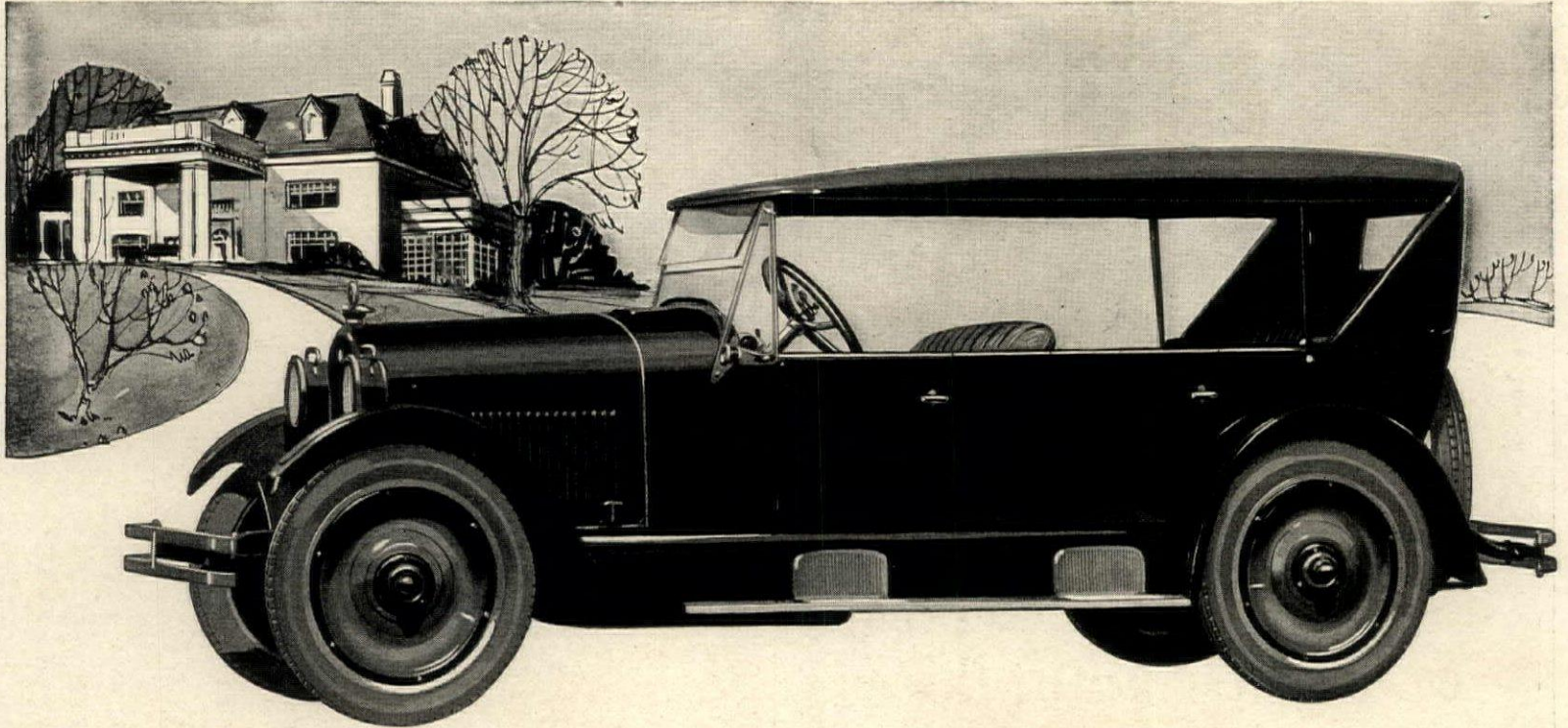


Chair splat or middle back support



A William and Mary stretcher





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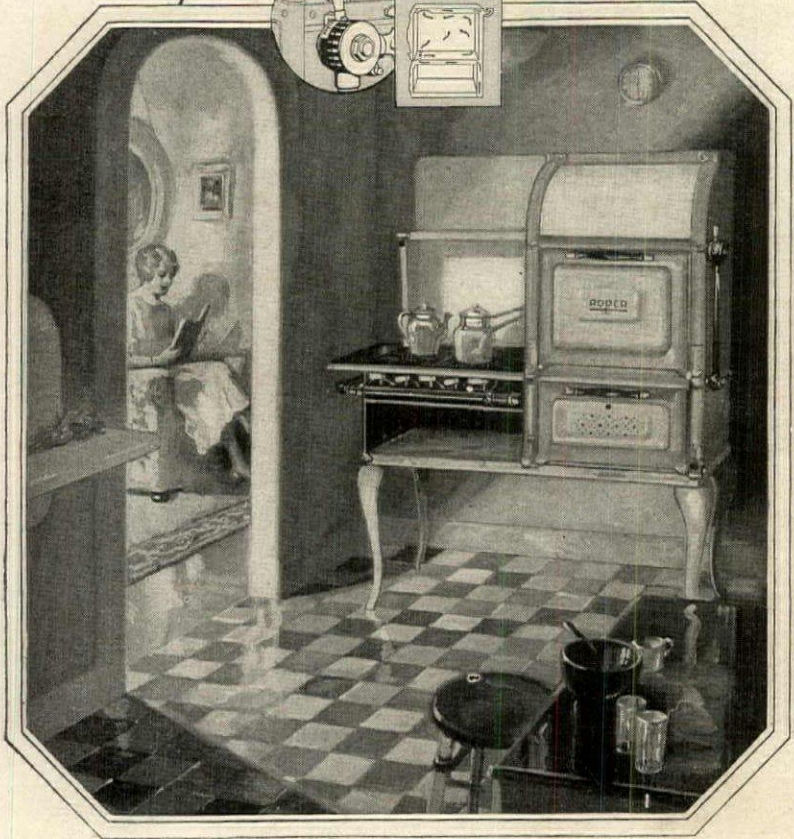
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## WHAT DO YOU CALL THAT PIECE?

(Continued from page 104)

second half of the 17th Century. They were sometimes attached to mirrors.

23. **GUERIDON.** Pedestal with circular base and top used as candelabra or girandole stands. Popular in the 17th Century when they often assumed the design of Moorish figures supporting a tray. The word is used in France today to designate any very small occasional table.

24. **GONDOLA CHAIR.** Comfortable armchair with either upholstered or caned back and seat and rounded back, whence came its name. Often designed with legs in the center of the front and back similar to our corner chair.

25. **HIGHBOY.** A chest of drawers mounted on a stand with five or six legs, the upper part usually four drawers in height. First made in England during William and Mary's reign and introduced into America where it became very popular. This piece of furniture varied from 4' to 6' in height or even more. The table-like stand was often made with a deep drawer on either side and a shallow one in the center. One associates this friendly piece of furniture with every illustration of a Colonial interior.

26. **HUTCH.** An oak cabinet with doors, a variation of the French credence or armoire, used generally for the storage of provisions and common from Tudor and Jacobean times up to the reign of Queen Anne.

27. **LADDER BACK CHAIR.** A chair with back composed of curved horizontal slats between the uprights similar to the rungs of a ladder. This design was common in Georgian times especially in Yorkshire, where a sturdy, immensely strong farmhouse type of ladder back was made, generally with a plaited rush seat. A chair similar in feeling was made in Lancashire between 1730 and 1790 but with one or two rows of slender turned spindles or bobbins in the back; the armchair nearly always had three rows. These chairs are known as spindle backs. There are innumerable types of chair backs, such as ribbond-back, Gothic fret-back, strap-back, square-back of Chippendale design; the shield-back, hoop-back, interlacing heart-back, wheat sheaf-back, honeysuckle-back of Hepplewhite, the wheel-back and oval-back favored by the Brothers Adam.

28. **LINENFOLD.** Or parchment-pattern, was a favorite form of decorating panels of furniture. It was of Flemish origin, but became popular in England about the end of the 15th Century. As its name implies, in design it resembles a folded napkin or a parchment rolled on a rod. It was often utilized in paneled woodwork for rooms.

29. **LIT de REPOS.** Or daybed became popular after 1630, and was used for the siesta, which prior to this date was taken in bed. It seems to have been first popular in France and spread from that country, like most of the other refinements of life, to the rest of Europe.

30. **LOVE SEAT.** A small upholstered settee, about the size of a double chair, which was first made in Jacobean times and called a courting chair or love seat; it was the precursor of our modern sofa.

31. **LOWBOY.** Small table with drawers, similar in construction to the base of a highboy. Often used as dressing tables or desks.

32. **MARQUISE.** A large comfortable overstuffed easy chair with wooden frame showing, first used in France during the 17th Century when it was generally reserved for the head of the house. In the edition of La Fontaine's Fables illustrated by Fragonard there is one shown with fairly low back and high arms.

33. **MOUNTS.** Any ornamental metal work applied to a piece of furniture. The Empire Period particularly is important for the amazing beauty of its mounts and the furniture of the Louis was also most noteworthy.

34. **MUNTINGS.** The small vertical wooden divisions used to divide the doors of a piece of furniture into panels.

35. **OPENTWIST.** A later refinement of the spiral turning and which came into vogue under William and Mary. Spiral turning said to be of Indian origin, (see the native Indian stools of ebony), flourished mightily in England after the Restoration and up to Anne. The opentwist turning is composed of two intertwined spiral turning and was used on legs of cabinets and tables which were often richly veneered and embellished with marqueterie.

36. **ORMOLU.** A method of gilding brass or bronze with the aid of mercury which first seems to have been used in France in the 17th Century. The gilded bronze mounts so usual on French furniture are commonly called ormolu.

37. **PEMBROKE TABLE.** Rectangular tables with drop leaves, often made of mahogany or satinwood with decoration or inlaid and with square legs, stretcher and drawers. A design much favored by Hepplewhite.

38. **POLE SCREEN.** Or banner screen; a small screen of needlework, silk or lacquer, etc., mounted and made to slide on a pole, with tripod base. It was used to protect the complexions of the Georgian belles from the blaze of the fire and was very popular about 1760.

39. **POUDREUSE.** This piece of furniture was first used about 1679 by the great ladies of the court in France and was called "Table de Toilette." It was at first an ordinary small table on which the toilet set was laid out and later developed into a table with drawers and a mirror to contain the necessities of embellishment. The name *poudreuse* appears to be quite modern.

40. **ROUNABOUT CHAIR.** Or corner chair was a creation of Chippendale who introduced them about 1755 when corner chairs were often made to correspond with ordinary dining room chairs as part of a set. Although very practical and comfortable they seem to have gone quite out of fashion.

41. **SABOT.** Name given to a metal ornament in France used on a piece of furniture.

42. **SPLAT.** The flat piece of wood, often fiddle shaped, forming the center member of a chair back. Shaped splats were found from William and Mary's reign on as prior to that date comfortable chairs with wooden backs were not made.

43. **SPOONING.** The curve given to a chair back so as to fit the back of the occupant. Spooning is a refinement of the chair-makers' art first used towards the end of the 17th Century.

44. **SQUAB CUSHION.** An upholstered piece of furniture is said to have squab cushions when these are loose, otherwise it has a solid seat. The former is the more comfortable and luxurious method and the term is most commonly used in England.

45. **STRETCHER.** Name given to the piece of wood which serves to brace the legs of a piece of furniture; it may be turned or flat, carved or shaped. The front stretcher of a chair is said to be recessed when it is set back between the two side stretchers. It is upright when it springs from the back stretcher to the front of the frame, the last is more unusual. There is also the rising stretcher often found in tables of the Chinese Chippendale type, the saltire or X-shaped stretcher, the ogee or cyma curve stretcher and so on.

(Continued on page 108)



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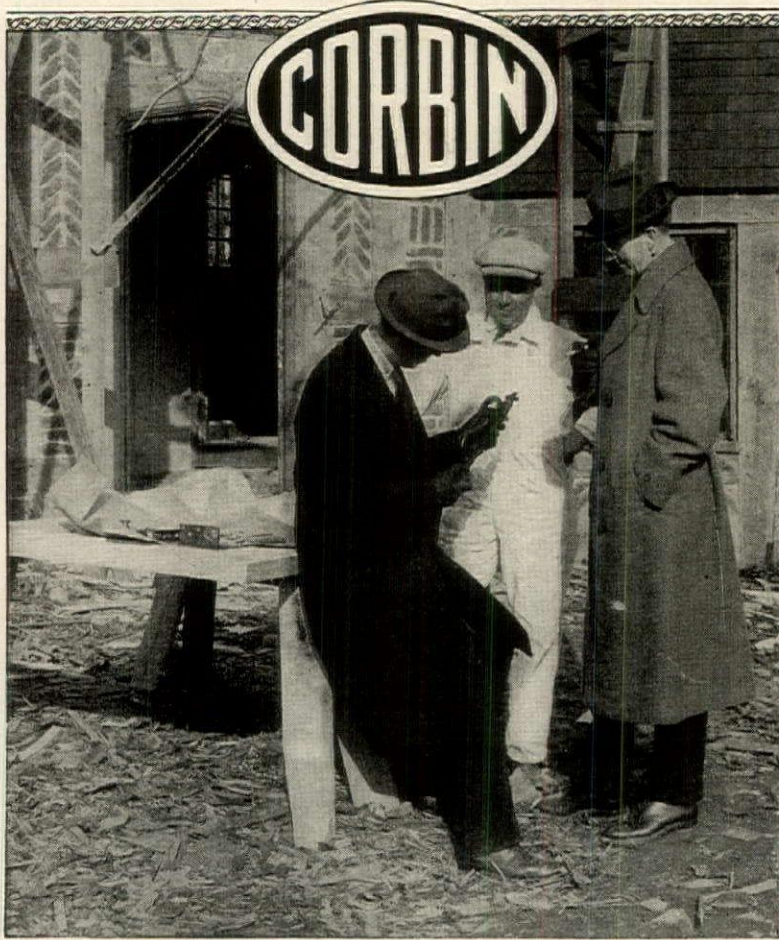
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## DR. WALL'S WORCESTER

(Continued from page 102)

the model upon which a good deal of the molded blue-and-white was based.

Though its manufacture practically ceased after Dr. Wall's death, there is still a fair amount of the blue-and-white to be found, and one sign of authenticity to look for is the faint green tinge which is due to the soap-rock in the composition. The blue is greenish and soft and the white varies from creaminess to a bluish tone. This variation is caused by cobalt, which was added in order to correct the tendency to greenness, and occasionally the bluing was overdone. The potting is exceptionally good, and the finish exquisite; on the whole, the Worcester blue-and-white is the best of the early factories. The little teacups without handles are of eggshell fineness and delicacy; each teapot had its hexagonal stand (an idea that might well be revived today), the sugar bowls each had a cover. A cabbage leaf was a favorite mold for jugs, pickle-trays, asparagus bowls, and other pieces of tableware. There were innumerable sauceboats, and the tea caddies were sent out with spoons and oblong trays.

The blues of old Worcester are famous, the four best known are (1) Salmon-scale blue; (2) Powder blue; (3) Mazarin blue; (4) Enamel blue. The first two are of Chinese origin; Scale blue, which is the most famous, was first attempted at the Bow factory before Worcester had made it peculiarly her own. French forgeries of Dr. Wall's blue-and-white very often use the dark scale-blue ground. Powder-blue was a skillful endeavor to get the curious Chinese effect, which was obtained by the powder being blown on, through a piece of silk gauze. At Worcester they sprinkled it on dry, and allowed it to dissolve and settle naturally; this produced the familiar stippled effect which is interesting though it is not Chinese. Mazarin was the contemporary trade name for the deep blue; Enamel blue was a Worcester invention;

full and brilliant with a peculiar shiny luster it was used for bands and borders, stripes and flutings on tableware.

When the blue-and-white “Chinese” porcelain was well established, the Worcester factory got to work on the colors and designs of Japan; these in their turn were blended with the patterns and hues of Sèvres and Meissen and out of the medley the typical Worcester was built up, and a distinctive style arrived at. Colors were taken from every available source. On the Salmon, the canary yellow, and the bleu-du-roi grounds of Sèvres, panels were arranged beautifully with the Worcester version of an oriental bird or a Japanese plum blossom. The best painters from Chelsea were engaged by Worcester, and the plum colored crimson that appears with the other gay hues about 1769 is in frank rivalry of the famous Chelsea claret color. The Kaki-yemon decoration was one of the most popular. The work of that old Japanese potter was imitated by potters all over Europe and the Partridge or Quail pattern was more widely known than any.

In the early Worcester version the original is very cleverly followed in the Japanese color scheme of soft red, yellow, blue, and green, with touches of gold. This “Find old Partridge pattern,” as it was called, came back into fashion in the second period of Worcester, but the Worcester partridge of 1868 had lost the first fine careless rapture and was a poor and mechanical creature. The gray-blue “Imari” was also followed at Worcester—a heavier and less charming style of decoration in a dark indistinct blue, gold and Indian red.

The connoisseur of old Worcester lays great stress on the quality of its glaze. This should be of a perfect smoothness and evenness; glossy rather than brilliant; soft rather than of a high transparency, somewhat dry and inclined to shrink at the foot rim. crazing or cracking all over is a certain sign of spuriousness.

## WHAT DO YOU CALL THAT PIECE?

(Continued from page 106)

46. **SWAG.** A decorative motif, a festoon of leaves, fruit, flowers or drapery. Grinling, Gibbons, Cibber and their followers are especially noteworthy for their carvings in wood; the delicacy and refinement of their designs executed with unequalled skill in limewood or pine-wood are without peer.

47. **TALLBOY.** A high piece of furniture composed of two superimposed chests of drawers, the upper generally slightly smaller than the lower. Often made with chamfered and fluted corners and bracket feet. Very popular in Georgian times.

48. **TAMBOUR WORK.** From the French word “Tambour,” drum. Small slats of wood or moulded beads glued transversely to a stout canvas or other flexible backing. Sheraton used this feature in his pull-over or reed-top desks.

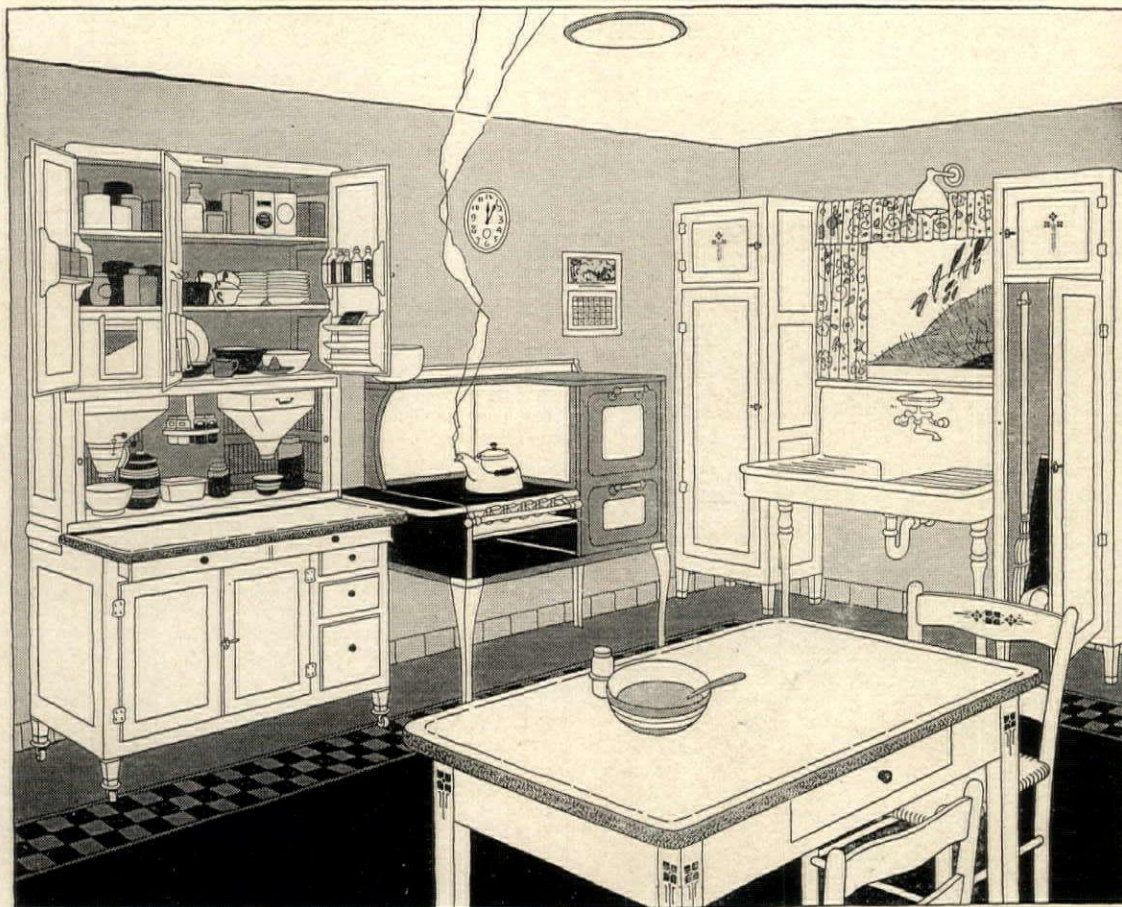
49. **TESTER.** The wooden canopy or frame on a four-poster bed and which served to support the valances and bed curtains. Modern sanitary ideas have practically done away with the tester but it is still found in remote parts.

50. **TOLE.** Painted and decorated tin which came into fashion in France about 1760. Clement, a master painter of the day, is credited with the invention of this innovation with which he endeavored to supplant Chinese and Japanese lacquer.

51. **TORCHERE.** From the French “Torche,” torch. Originally large floor candlesticks made to hold one large wax candle or torch. Towards the end of the 17th Century they began to be made with several arms, thus becoming floor candelabra, still later developed into gueridons serving as stands to the extremely fashionable lights. This transformation from the primitive torch to the ultracivilized girandole epitomizes the whole history of lighting and is of extreme interest.

52. **TRUPEAU.** Originally an architectural term given to the wall between two windows, decorated with painting or mirrors. It is now used to designate an overmantel or even overdoor. It sometimes is composed of a decorative painting combined with mirror.





© 1924, The Hoosier Manufacturing Co.

# HOW TO EQUIP THE MODERN KITCHEN

—making it well ordered and attractive at little cost

By Lois M. Wyse, Director Hoosier Test Kitchens

No longer do women believe that running water and a gas range make a *modern* kitchen. They know that even with these conveniences, it can still be a cheerless drudgery room.

The really modern kitchen must meet two great requirements. First, it must be attractive—an inviting, restful place to work. For *where* we work has so much to do with *how* we work! You know that dismal depression that engulfs you in a cluttered, unsightly kitchen. But in an orderly, cheerful room—how much more happily we work and therefore more easily!

Second, the kitchen must be convenient; *fully, completely furnished!* Of all rooms in the house, the one where you spend the most and hardest working hours, should be *planned* to the last detail. You need adequate equipment to route your work and save much fruitless effort and countless steps.

*Now for the new-day kitchen —with Hoosier Kitchen Equipment!*

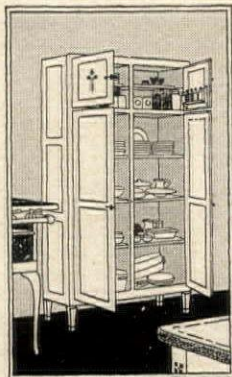
And now you can have such a kitchen—fresh, inviting and efficient—with surprising ease and economy. In the test kitchens of the Hoosier Manufacturing Company at Newcastle, Indiana, domestic science experts have designed equipment that really furnishes your kitchen

as completely and attractively as any other room in the house.

The first need to be filled is what no modern kitchen can be without—a working center! To serve this important purpose the Hoosier Kitchen Cabinet is designed.

Planned with scientific regard in every exclusive detail, the Hoosier provides a completeness not possible in any other working center that may be devised.

With the Hoosier Cabinet as the central unit, other Hoosier units are designed to complete the equipment. Every kitchen, of course, needs ample cupboard space in addition to that afforded in the cabinet itself. This added space, once supplied by the old inconvenient butler's pantry, Hoosier now provides in modern movable units, single or double size.



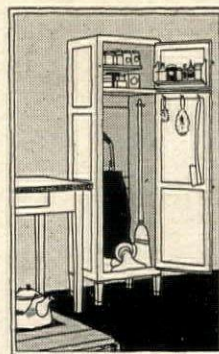
HOOSIER DOUBLE CABINET UNIT—Provides extra storage space which every kitchen needs for utensils, dishes and food supplies. Very convenient for a bathroom cupboard. Also furnished as a single unit

These units may be used in connection with the cabinet on either side or placed in other suitable spaces in the room. With any arrangement you have a complete kitchen suite, matching in finish and design—as uniform as if made to your own special order.

Another attractive Hoosier convenience is the Breakfast Set of table and chairs. Daintily finished in white enamel and decorated in bright colors, the table has a fine porcelain top and the chairs have cane seats.

*To modernize old kitchens; to make the new complete*

Perhaps you are worrying along with an old unsightly, inconvenient kitchen. You have refurnished the other rooms—now it is the kitchen's turn. Here Hoosier equipment ideally answers your needs,



HOOSIER SINGLE CABINET UNIT—Fitted to hold brooms, mops, vacuum, brushes and a score of little cleaning day necessities. May also be had in a double unit—with the cupboard unit

with no fuss or expense of remodeling. It is simply "out with the old; in with the new"—handsome and efficient!

If you are planning a new house, of course you want your kitchen in keeping with your other rooms. You can make it so, more completely, more easily and inexpensively with Hoosier Kitchen Equipment than with any of your own devising and building. Ask your architect to figure on the Hoosier size and style for your kitchen.

*Free to you!—A new book on modern kitchens*

We have just published a new book on modern kitchens giving many plans and ideas which you can apply to your own kitchen. This book is free to every woman who is interested in making a better home for her family. We hope you will send for it and also visit the Hoosier store in your town to see the complete Hoosier equipment. Fill out the coupon and we will mail the booklet at once.

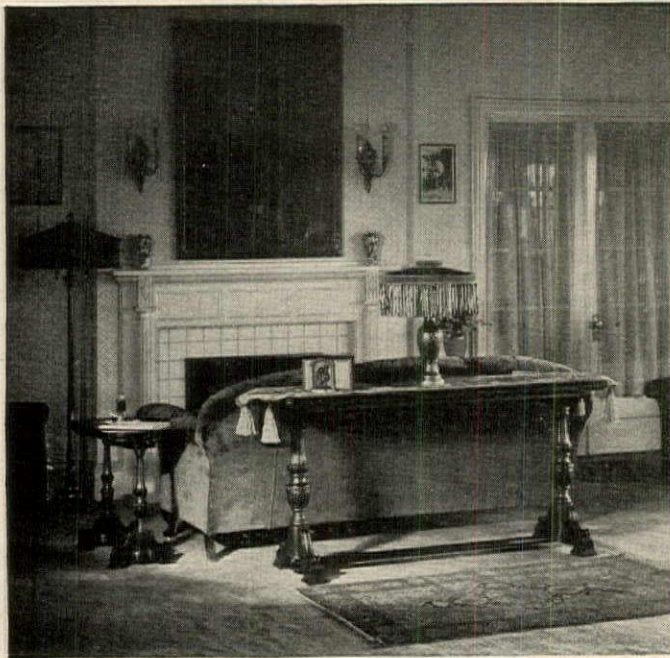
The Hoosier Manufacturing Company  
224 High Street Newcastle, Indiana

The Hoosier Manufacturing Co.  
224 High Street, Newcastle, Indiana.  
British Address: Ideal Furniture Equipment,  
No. 9 Preston St. Liverpool.  
Please send me free your new booklet: "Planning the Modern Kitchen."

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Address.....  
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## Imperial Tables



### Beautiful Tables for your Living Room

**I**MPERIAL Tables bring the beauty of bygone centuries to your living room. The matchless designs of old world furniture masters are skillfully adapted to tables practical for the modern home.

Stately Renaissance tables, richly carved, breathe of old Italian days. Early English designs, sturdy and wholesome, recall the Tudor and Jacobean eras. The handsome Flemish, the carved Chippendale, the classic Louis XVI, the finely proportioned Duncan Phyfe—these suggest the wealth of furniture craftsmanship in Imperial tables for the enrichment of your home.

At the furniture stores you may view an inviting collection of Imperial tables by Grand Rapids craftsmen for nearly every home need. Note the rich beauty of the selected woods, and the enduring workmanship. On each appears the Imperial shield trademark, evidence of lasting worth.

"Heirlooms of Tomorrow" is an instructive booklet on the use of tables in the home. Write Dept. E for free copy.

**IMPERIAL FURNITURE COMPANY**  
"World's Largest Table Factory"  
GRAND RAPIDS MICHIGAN

## LOUIS SIXTEENTH FURNITURE

(Continued from page 68)

splendid 15th Century.

Encouraged by the royal patronage so thoroughly established under Louis XIV, artists turned their attention to the most minute details of household furnishings. The approval of the Queen was easily gained. We use her name today for the type of furnishing which resulted from the effort to please her. Combined skill of designers, painters and sculptors, cabinet-makers and weavers, resulted in lovely tapestries, hangings and exquisitely decorated furniture and ornaments expressive of delicacy and—if we may use the much abused words—of daintiness and refinement. Marie Antoinette herself had about as little to do with the styles that bear her name as good Queen Anne did with hers in England. Artistic diplomacy merely sailed under her colors.

The style which we call Louis XVI, had become pretty well developed before this king and his queen, Marie Antoinette, came to the throne. Its most notable characteristics are:

**Construction:** Rectangular, occasionally curved, simple, light and graceful, but stable. Woods: walnut, oak, satinwood, mahogany and ornamental woods.

**Ornament:** Carving and moulding in delicate designs of classic origin: laurel wreath, swag or festoon, lyre, Greek band and various emblems. Upholstered in brocade and satin and in tapestry from the famous looms: Aubusson and Beauvais, designed by Boucher and Watteau in pastoral and other scenes. Frames seldom left in the natural wood, but gilded or painted. Ormolu mounts of classic design decorate the construction.

**Top:** Straight, crested, curved, with scrolled ornaments.

**Back:** Straight, raked, carved, square, oval, caned, upholstered.

**Arm:** Descending, curved or vase-shaped support; caned, upholstered.

**Seat:** Ample, nearly square, tapering toward back, curved front.

**Leg:** Straight, tapering, round, fluted, reeded; delicately and beautifully ornamented.

**Foot:** Tapering, plain, carved, moulded.



An ornamental chair leg of the period

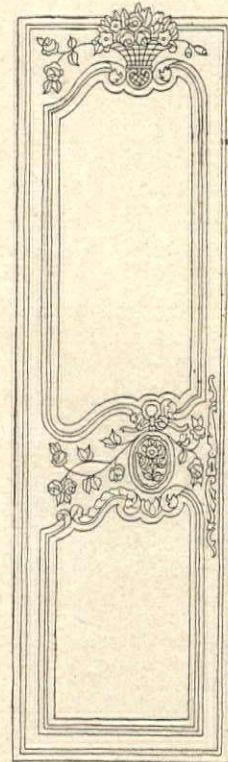
The console at the top of page 68 is of carved and gilded wood. The ornamental tapering legs with ornamental ankles; the underbracing with its naturalistic carved ornament of birds and oak branches; the carving on the framework below the top are all distinctive of this style.

Of the two chairs, that on the left bottom of page 68 is of carved and gilded wood upholstered in a striped blue and buff silk with a delicate design of floral sprays and shows the rectangular construction typical of the style. The upholstered downward curving arm on the vase shaped support, the leg of classic type, fluted with ornamental ankle, the chair frame carved in acanthus leaf scroll and other ornaments are all characteristic of the Louis Seize Period. The small mouldings are beautifully executed. A tiny water leaf motif is in the band surrounding the oval back.

The second armchair, with carved, painted and gilded framework, presents another type of Louis XVI chair. The rather short arms slope downward from the top of the chair back and end in receding curved supports. The chair top is arched, the side supports finished with an acanthus leaf ornament. The ornamental legs are straight and fluted. The seat is shaped, with curving front and narrower back.

English speaking people feel a certain "at-homeness" with Louis Seize furniture; for Adam, Sheraton and Hepplewhite models, very fashionable in their day, are often closely allied to it. These types have always fitted our tastes with a complete naturalness.

The salient details of Louis Seize design are shown in the sketches and photographs.



A carved panel for a Louis Sixteenth armoire

*Note: This is the ninth of a series of articles on the salient points of the periods which have appeared in House & Garden. The previous articles were as follows: Italian Renaissance in April; Jacobean in May; William and Mary June; Queen Anne July; Adam Brothers, August; Hepplewhite, September; Chippendale, November; Sheraton December, and Louis XV in January.*

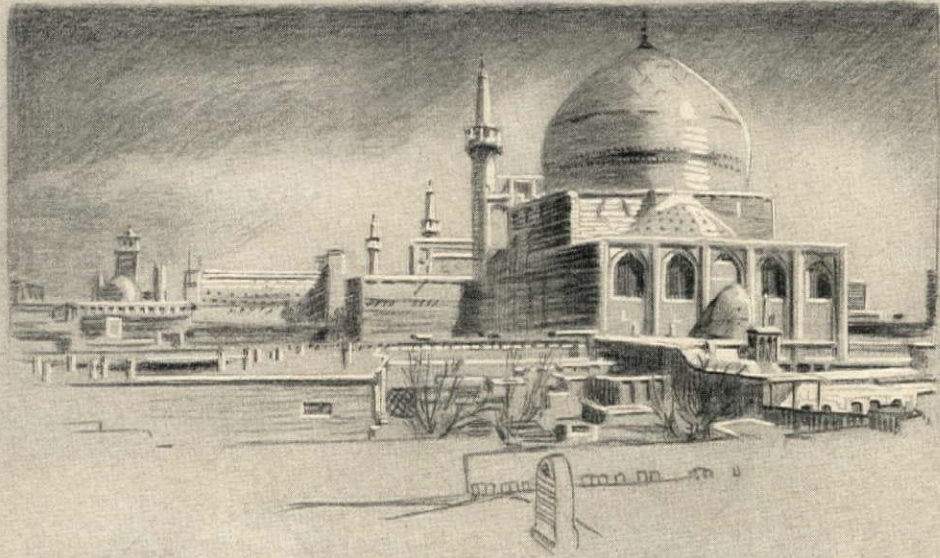
## SPINNING CLOTHES CLEAN and DRY

(Continued from page 89)

become a director of mass operations and not of special interests! Here again, you see the housewife becoming a more advanced person because more of the hand labor is taken away and the brain, plus the machine, is made responsible for the doing of a tedious, slavish job, and home work grows more dignified. This translation of hand power into machine power is what really makes the housewife the lady of the house.

So, in less time than you could wring out the clothes, carry them out in baskets and pin them on the line, the clothes are spun dry ready to iron. You save then: putting up and stretching the clothes line, carrying heavy baskets of clothes to and from the line; hanging them up and chapping your poor hands in the winter and making them rough and red in the summer; you save

(Continued on page 114)



## The Oriental Prayer Rug

TO the devout follower of Mahomet nothing is more necessary, nothing more prized than the Prayer Rug, upon which he prostrates himself in his daily Devotions.

This little rug, the altar upon which he, and perhaps generations of his ancestors, have worshipped Allah, has become through sentimental attachment, of almost priceless value.

The prized possession of the Mosque and equally the treasure of the humble wanderer it has today found its way into the warm appreciation of the cultured homes of other countries. This by reason of its inherent charm of design and color—its fitness for wall and other decorative schemes, and an interest which is peculiarly its own because of its wanderings in Eastern lands.

*Our collection of Prayer Rugs contains many genuine specimens of unusual interest and designs.*



## W. & J. SLOANE

*Specialists in Eastern Rugs*

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SAN FRANCISCO



## For you who want a superlative cigarette *here's the world's finest* — at 20 for 30¢



*Try them tonight  
for your Luxury Hour*

—that easy chair hour  
when every man feels  
entitled to life's best

PALL MALL Specials  
New size—plain ends only  
20 for 30¢

No change in size or price  
of PALL MALL Regulars  
[cork tip]

Have you been on domestic brands so long that you've forgotten how good a cigarette can taste? A real Turkish cigarette that is blended from the finest Oriental tobaccos!

Take the famous red box home with you tonight, and after your coffee, when you've snuggled down in your easy chair to read, relax or chat—light up a real Pall Mall.

As the rich gray smoke curls from your lips, you'll wonder why you've ever denied yourself the luxury of these super-

fine Turkish cigarettes. It's the only smoke for the Luxury Hour—that treasured hour after the day's work, when a man's in the mood for Life's best. And once you've tried Pall Malls for your Luxury Hour, you'll soon be smoking them exclusively for all hours.

You can enjoy Pall Mall, too, without strain on your pocketbook. For they come now in a special new size—20 cigarettes for 30¢. (*Plain ends only.*) Cork tips remain in the old size, at old price.



# 20 for 30¢

WEST OF THE ROCKIES 20 for 35¢



# Armstrong's Linoleum

for Every Floor in the House

Look for the  
CIRCLE "A"  
trademark on  
the burlap back



A charming Sun Porch with its floor of Armstrong's Marble Tile Linoleum and border of Armstrong's Plain Black Linoleum

## THE WARMTH of SUMMER in WINTER

OUTSIDE, winter and winter's snow; inside, brightness and warmth and the sparkle and color of summer time.

The woman planned well who made a linoleum floor the basis of this attractive sun porch. She knew that the floor was as much a part of porch furnishing as the furniture itself. She knew she could not be happy with a floor as harsh as cement, as unyielding as tiles. And chilly floors and grippy children and doctors' bills *do* associate themselves! She chose a linoleum floor.

Linoleum is made with cork and so makes a warm floor. She had it laid (cemented, not tacked) over a lining of warm builders' deadening felt. A physically warm and colorful floor of tile design, with an outdoor suggestion and an indoor look! A floor of light and color, charm and vivacity! A cheerful floor with a little whisper of the ultra-modern effect about it, laid with a border about the edges that framed the floor and made it so appropriately a part of this particular room.

Such a floor is not only beautiful; it is clean and easy-to-clean. It needs thorough waxing only once or twice a year and occasional wiping with a dust-mop. And like a piece of old furniture, this wax polish deepens with the passing years.

There are colors and patterns in Armstrong's Linoleum suitable for any room. Select the floor to fit the room. Tile inlaid for porches, beautiful two-tone Jaspés for living-rooms, dining-rooms, halls; attractive carpet and matting effects for upstairs rooms; Dutch tiles, marble tiles; rich plain colors. Also linoleum rugs, printed and inlaid.

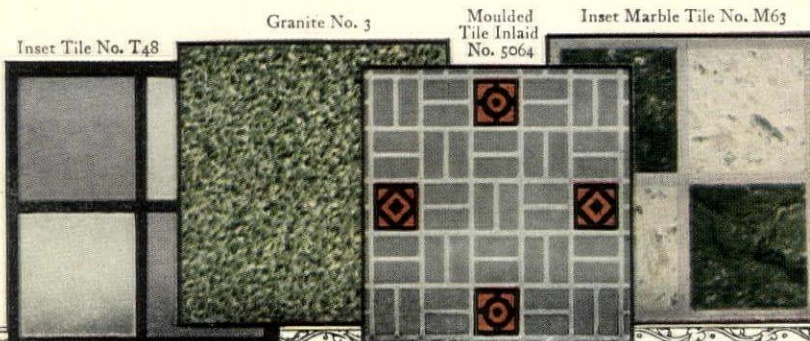
Why not go to a good merchant and ask to see some of the beautiful Armstrong's Linoleum designs for sun porches and other rooms? If you have an instinct for combining colors in room decoration, you will be unable to look at them without thinking how well you could build an attractive color scheme around a modern linoleum floor.

The Armstrong Cork Company maintains a special Bureau of Interior Decoration to give you personal help in planning rooms. No charge for this service.

"THE ART OF HOME FURNISHING AND DECORATION"  
(Second Edition)

By Frank Alvah Parsons, President of the New York School of Fine and Applied Art. Sent, with de luxe color-plates of home interiors, on receipt of twenty cents.

ARMSTRONG CORK COMPANY  
Linoleum Division  
818 State St., Lancaster, Pa.





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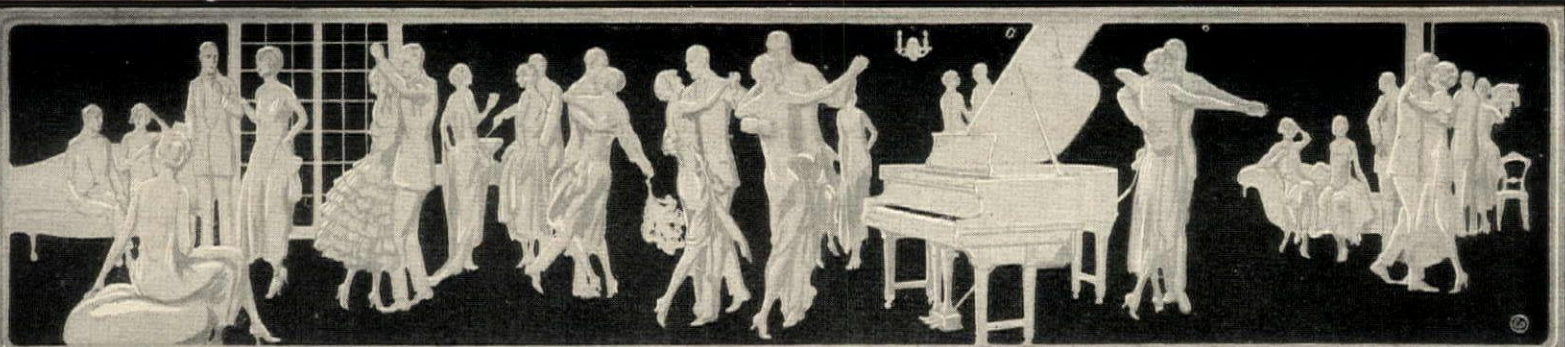
Many varied and delicious desserts may be prepared by simply alternating layers of plain and whipped Jell-O.

*Write for our new Jell-O book*



**JELL-O**  
America's most famous dessert

*The American Offices and Factory of the Genesee Pure Food Company are at Le Roy, New York State.  
Canadian Offices and Factory at Bridgeburg, Ontario.*



*With the Great Pianists of the World—the Most Entrancing Dance Music—the*

# DUO-ART

REPRODUCING PIANO

*Entertains Your Guests*

**W**HAT kind of a party to give! How to entertain those non-bridge playing guests after dinner! How to fill intervals between arrivals or until dinner is served—puzzling, isn't it often—and difficult? Yet you can make your home so memorably attractive that every person you entertain from the cultured intellectual to the airiest butterfly of your acquaintance will acclaim you the most successful of hostesses!

Everybody is intrigued by music in some form or other. You cannot imagine what an asset a Duo-Art Piano will be to you. With its artistic perfection, its almost unbelievable versatility, it appeals to the most cosmo-

politan tastes—it can be dramatic or gay—thrilling or frivolous as occasion warrants. No other musical instrument ever had so much to offer.

### Dancing

Duo-Art dance music is wonderful. Played by leading artists in their field, it plays with a sparkle and rhythm which is irresistible.

Think of summoning six or more of the great pianists for one evening's entertainment—think of an instrument which will play these great, thrilling classics—accompany your soloists with taste and sympathy—then finish the evening with dance music that will set every foot a-tapping!

Come to Aeolian Hall or one of its Branches when next you are in the vicinity and learn how conveniently you may own one of these marvelous instruments.

<i>A Suggested Program for an Hour or so of Music</i>		
I.	LA CAMPANELLA	Liszt
	Played by FRIEDMAN	
	SONATA, Op. 27, No. 2 ( <i>Adagio, Allegretto, Presto Agitato</i> )	Beethoven
	Played by HOFMANN	
II.	VIOLIN SOLO	
	Thais (Meditation)	Massenet
	Liebesfreud	Kreisler
	Souvenir	Drdla
III.	LIEBESTRAUM, No. 3	Liszt
	Played by GANZ	
	VALSE IN A-MINOR	Chopin
	Played by NIKISCH	
	MELODIE (Chant du Voyageur)	Paderewski
	Played by PADEREWSKI	
IV.	SOPRANO SOLO	
	Yesterday and Today	Spruss
	Like a Rosebud	LaForge
	To a Messenger	LaForge
V.	RHAPSODIE HONGROISE, No. 12	Liszt
	Played by GRAINGER	
	MARCHE MILITAIRE, Op. 51, No. 1	Schubert
	Played by BAUER and GABRILOWITSCH	

*For descriptive literature of The Duo-Art Piano, address Dept. NG, The Aeolian Company, Aeolian Hall, New York*

*Representatives in All Leading Cities*

## THE AEOLIAN COMPANY

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*Makers of the Aeolian-Vocalion—the Phonograph Supreme*

# Four out of Five are marked

Be the one who outwits Pyorrhea  
—use Forhan's twice daily

Study the crowd as it hurries to and fro. Four out of five over forty years of age, and thousands younger, will pay Pyorrhea's dreaded toll.

Don't wait for bleeding gums—*Nature's warning*. Check Pyorrhea *before it begins*. Go to your dentist regularly for tooth and gum inspection. And brush your teeth at least twice daily with Forhan's For the Gums.

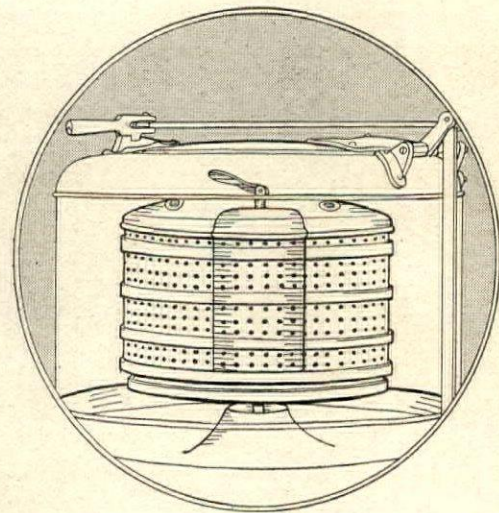
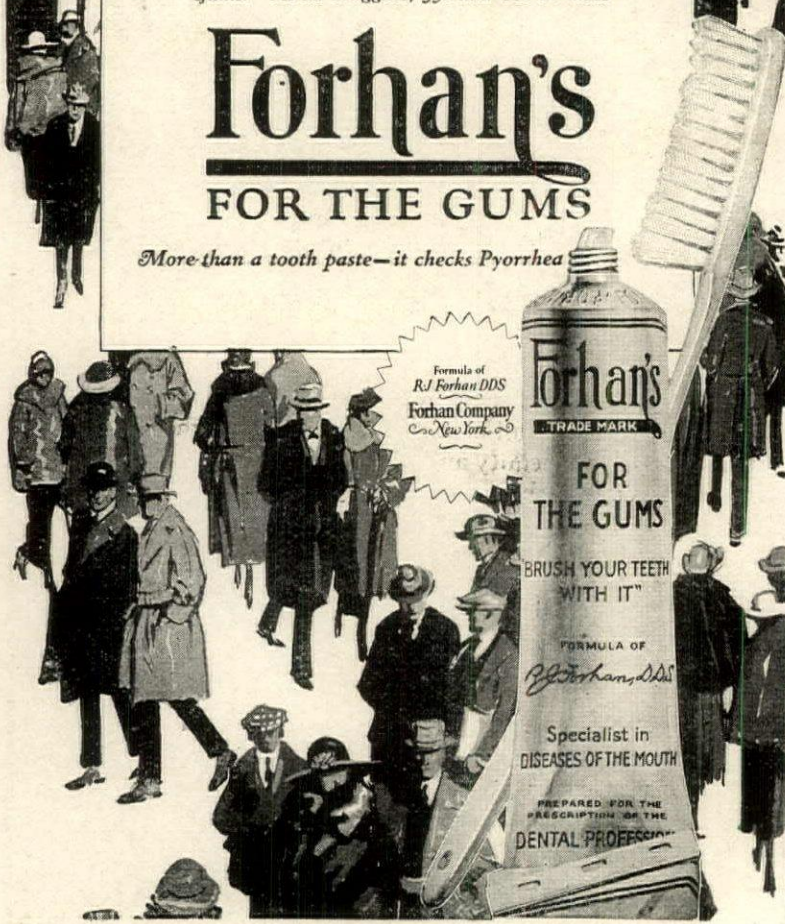
This healing, refreshing dentifrice, if used in time and used consistently, will help to prevent Pyorrhea or check its progress. It will keep your mouth clean and healthy, preserve your teeth, safeguard your health. Used and recommended by foremost dentists everywhere.

*There is only one tooth paste of proved efficacy in the treatment of Pyorrhea. It is the one that many thousands have found beneficial for years. For your own sake, make sure that you get it. Ask for, and insist upon, Forhan's For the Gums. At all druggists, 35c and 60c in tubes*

# Forhan's FOR THE GUMS

More than a tooth paste—it checks Pyorrhea

Formula of  
R.J. Forhan, DDS  
Forhan Company  
New York, N.Y.



By giving the outer casing of this drier an imaginary transparency the "baskets," which rotate on their vertical axis, can be seen

## SPINNING CLOTHES CLEAN and DRY

(Continued from page 110)

time in not having to sew on new buttons, new snappers, new buckles, new hooks on the spun dried clothes; you do away with the weathering of clothes dried outdoors, due to winds and strains; you save the re-wash necessary for clothes which may fall to the ground; you save the process of sprinkling by not having to sprinkle at all, as the clothes remain in the spinner until just moist enough to iron. All these processes are well to save, for it saves the clothes and the worker as well—and the new spinning wheel releases you instead of enslaving you, and so woman becomes again involved in spinning but—with what a difference to her!

The greatest thing that these dryers do is wringerlessly to dry draperies, curtains, feather pillows which regain their fluffiness because the air rushes through as they become dry. In this way, the cleansers' bills and the renovators' bills can be saved. So, even if you have the drying machine that is not a washer (see below) you will save time and money.

There always have been as we have said before, machines on the market that wash and dry clothes without wringers, but some of these promote creases. Furthermore, should you even have the best ironers, which swiftly and easily dispatch creases, eventually too much creasing of your fabrics will wear them out more rapidly than needs be. For this reason it is very essential that you know what spinning machine you are ordering before you weave it into the warp and woof of your home. It so happens in some of these machines that the arrangement of the clothes, due to the build of the basket, is such that they have not enough room and, what with constant motion and jamming, they become definitely creased.

The sort of machine that appeals to us is the type that can be used as a table when not in use as a washer and dryer; that eliminates vibration, so as not to make the home like a factory at full blast; and whose motor is out of the way. In this type of machine there are no extra bits of machinery to suck the clothes clean or rub them clean. The clothes are washed simply by swishing through the water entering the basket and whirring about in the basket after the water has been taken out until dry enough to iron. This drying should take about seven minutes per washer full. If the clothes are needed completely dry, it should take fifteen minutes per washerful (considering the seven-sheet size, the ordinary home size).

It's a far cry from the days when women bent over the near-by stream to wash their clothes! It's a far cry, too, from the wash tub over which women have slaved!

The casings of these machines are usually of copper, painted or lacquered. The outside of any washer case should be easy to keep clean. We do not favor the casing that has to be polished. A wet rag, soap and a dry cloth ought to be enough.

The day has gone by, we hope, when the articles in the home need extra grooming. "Easily kept clean" must be a slogan of use, not a theory.

In this sort of machine all that is necessary to do after washing is to remove the spinner and dry it off. But machines, human or otherwise, last longer with the more loving care that is given to them.

The whole thing is very simple: an electric motor, a metal casing in which is a spinner or basket revolving on an axis, tilted one way for washing and another way for drying. That's all! But . . . there has been infinite experience dropped into this domestic, simplified, contrivance which, in the best instances, are made as nicely as rifles or telescopes.

To make your purchase of the wringer less machine then of utmost utility, you have the right to demand that it—

1. Can wash materials with buttons and dry them for ironing.
2. Can wash and dry rugs and fine fabrics without wearing them.
3. Can dry a tub full of wash in one minute to seven minutes ready for ironing and fifteen minutes perfectly dry.
4. Can wash thick, thin or medium fabrics without readjustment.
5. Can rinse, blue, etc., and needs no extra tubs.
6. Is easy to keep clean.
7. Needs no host of things to be taken out and readjusted.
8. Is easy to put the clothes in.
9. Doesn't stall because the spinner gets out of balance.
10. Hasn't too much vibration and makes the home a quiet place instead of like a noisy factory.
11. Needs motor oiling as a rare feast, rather than a daily chore.
12. Needs oiling but twice a year, if the lubrication system is good.
13. Takes only soap and water to keep the outside of the washer clean.
14. Has all motors and moving parts out of the way of operator.

(Continued on page 120)



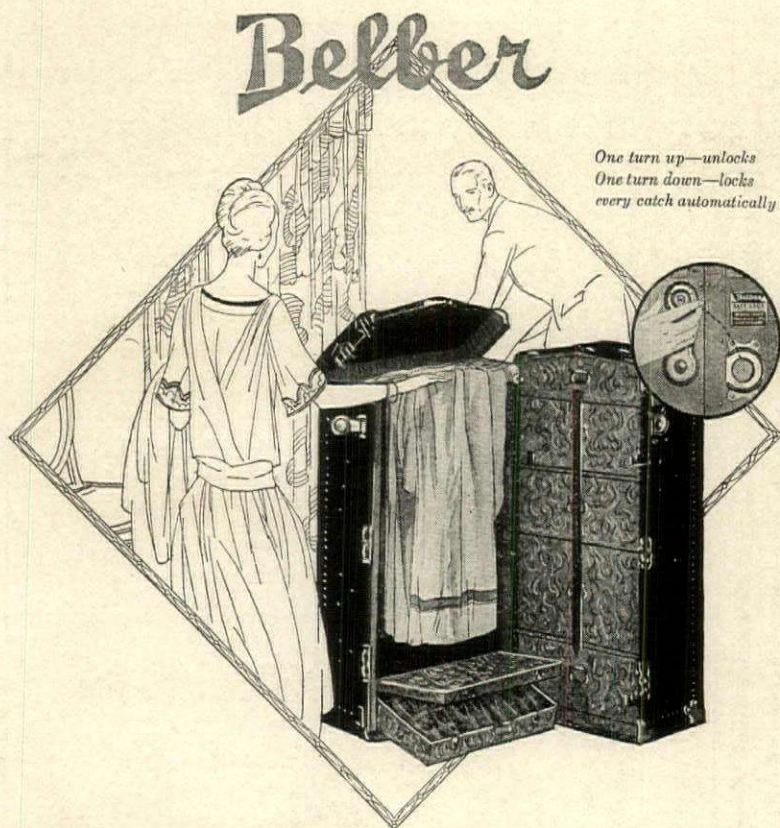
## *Take a KODAK with you*

Whether city stroll or country hike, winter sets the stage for a picture worth the making. And the Kodak way is the easy way and one that's fun from the start.

*Autographic Kodaks \$6.50 up*

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Eastman Kodak Company, Rochester, N. Y. *The Kodak City*



One turn up—unlocks  
One turn down—locks  
every catch automatically

More than the most Fashionable—  
the greatest travelling convenience

THERE'S a new pleasure in travelling when you own a Belber Safe-Lock Wardrobe Trunk. Packing or unpacking is made delightfully easy and simple. Each trunk contains a fascinating array of drawers and hangers; a hat box, shoe box, laundry bag—even an ironing board and iron holder.

Plus a wonderful advantage that no other trunk can have—the exclusive Belber Safe-Lock! It eliminates entirely the usual nuisance of struggling with unwilling catches.

Before you buy any wardrobe trunk—remember that it is a lasting investment. For this reason, it is important to select one which will give you the greatest satisfaction and the most advantages. A Belber combines every convenience of the finest wardrobe trunks—plus the exclusive Safe-Lock! You will be delighted with it always. Reasonably priced—\$35.00 and up.

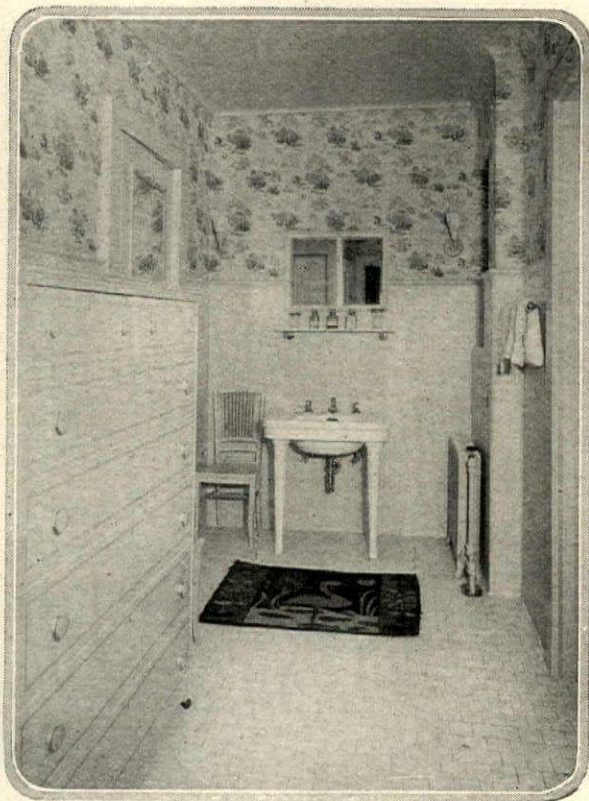
Our attractive booklet, "The Style in Wardrobe Trunks—and how to pack," shows the favorite new models and tells how to pack them. Write for it—free.



It will pay you to look for the Belber name on every bag or suitcase you buy. It assures you the world's finest luggage—dependable in style and service—at prices as remarkably low as its quality is high.

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SAFE-LOCK  
WARDROBE TRUNK

THE BELBER TRUNK & BAG COMPANY, Philadelphia  
World's largest manufacturer of fine travelling goods



The attractive bathrooms on this page are in the home of E. R. Tinker at Syosset, Long Island. Diane Tate and Marian Hall were the decorators

## THE DECORATION OF BATHROOMS

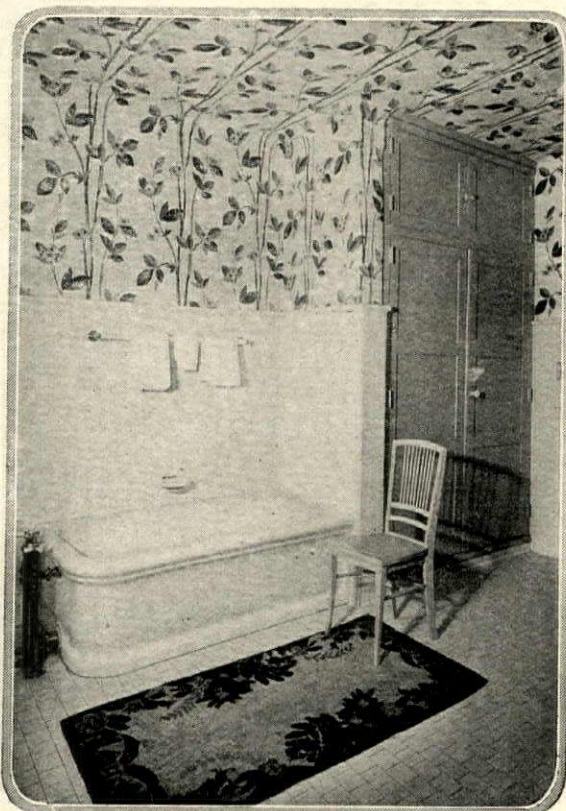
(Continued from page 81)

to get thick looking after repeated washings and have not the crisp appearance of dotted swiss, which is an ideal material for bathroom curtains. It can be trimmed with rick rack braid to match the color of the dots or simply hemstitched in color.

Rubberized taffeta which comes in many delightful colors makes effective bathroom curtains, and for a window too small for hangings, glazed chintz is the

smartest thing to use, made into a roller shade.

A charming glazed chintz for a bathroom has a small lattice design and comes in rose, blue, yellow, lavender and green. If the room is large enough to use as a combination bathroom and dressing room, this chintz might be used to cover the top of the dressing table as well as make the curtains. It is attractive bound in plain glazed chintz to match.



In the room above, the woodwork is yellow to match the background of the paper. Here it is cool green, the color of the leaves in the design

*Individualism—in Good Furniture*

WHATEVER the room, few things will do more to achieve new effect than two or three carefully selected pieces of good furniture, or perhaps a wall tapestry. The smallest changes accomplish most pleasing results—and with little enough expense.

Accurate period reproductions and modern designs under the Elgin A. Simonds Company trade-mark are found at all good dealers—who offer, as well, rich, hand-woven tapestries, brought from our looms in France and Belgium, and at *unusual values*.

The pieces illustrated above are number 60 tapestry, 1792 armchair, 1792 low-boy.

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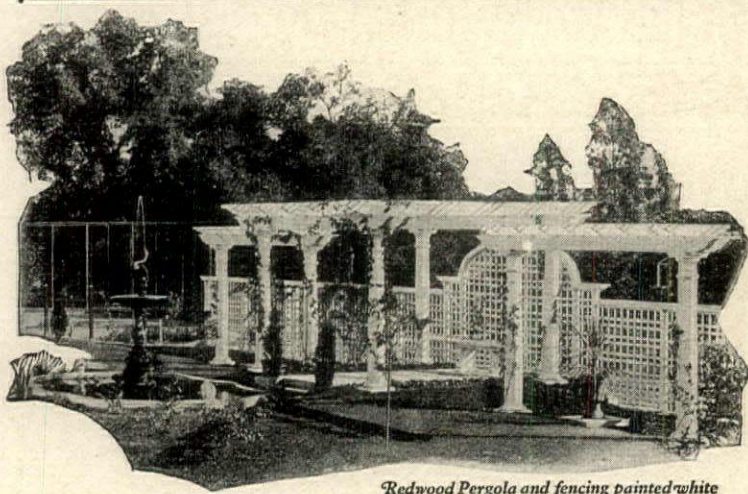
2 WEST 47<sup>TH</sup> STREET  
NEW YORK CITY



Large Rookwood lamp in Chinese blue glaze  
with old gold mounting and shade

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POTTERY AND TILES

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Redwood Pergola and fencing painted white

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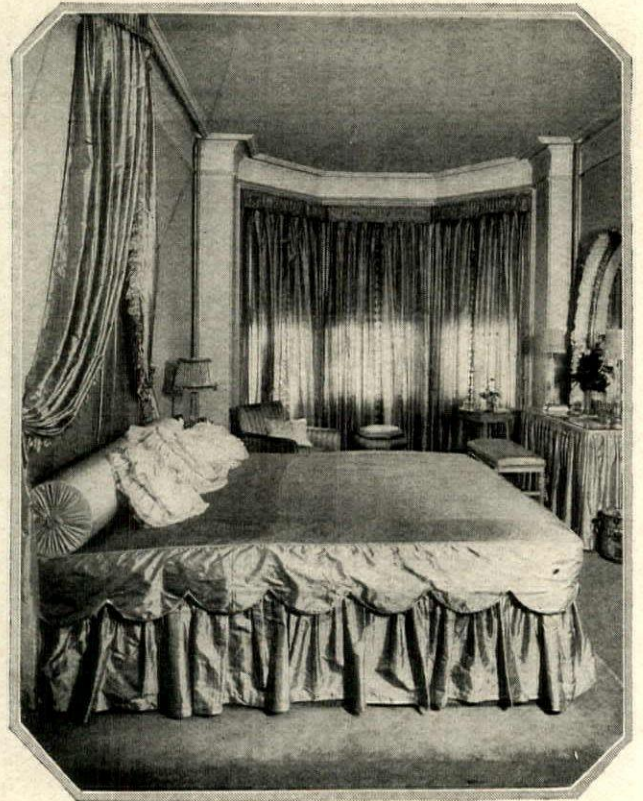
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An example of a draped bed without any foot board. The walls are mauve and the curtains and bed hangings sea green taffeta. Nancy McClelland, decorator

## MODEST and SELF-ASSERTIVE BEDS

(Continued from page 60)

becomes the most convenient of sofas. For those who do not like the somewhat unconventional appearance of the divan there are various alternatives. There is the day bed which is now made in styles and woods to conform with any scheme of decoration. This is a decorative piece of furniture in itself and when covered with a material to harmonize with the other furnishings gives no suggestion of a bed. So much for the unobtrusive beds. We must now approach the much vaster subject of the self-assertive beds which are intended to stand in bedrooms that are unequivocally bedrooms. To mention every variety of bed made even within the last four hundred years would be an impossibility. From the floridly carved and gilded Venetian beds of the early 17th Century to the austere classical couches of the Empire, from the beautifully wrought-iron beds of the Italian Renaissance to the monstrous Victorian machines of brass and mahogany, from the huge Elizabethan four-poster to the slender elegance of the

(Continued on page 120)



In a bedroom with figured paper and flowreed chintz window curtains, the bed hangings are white muslin trimmed with an old fashioned ball fringe



## FRENCH Hand Made Furniture

PRICE without quality is a doubtful investment. Quality is necessary if you are to get more value per dollar. In French furniture you get more value per dollar, because it is sold at prices no higher than the commonplace.

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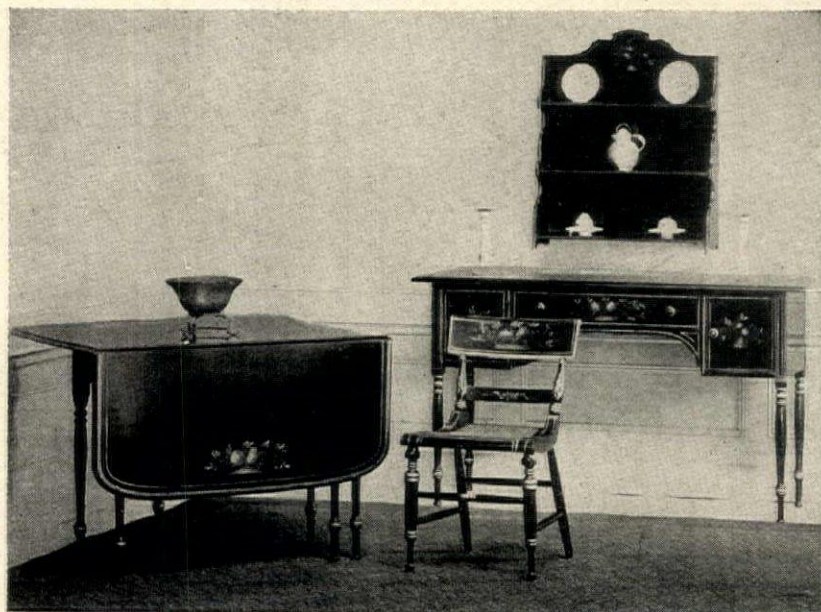


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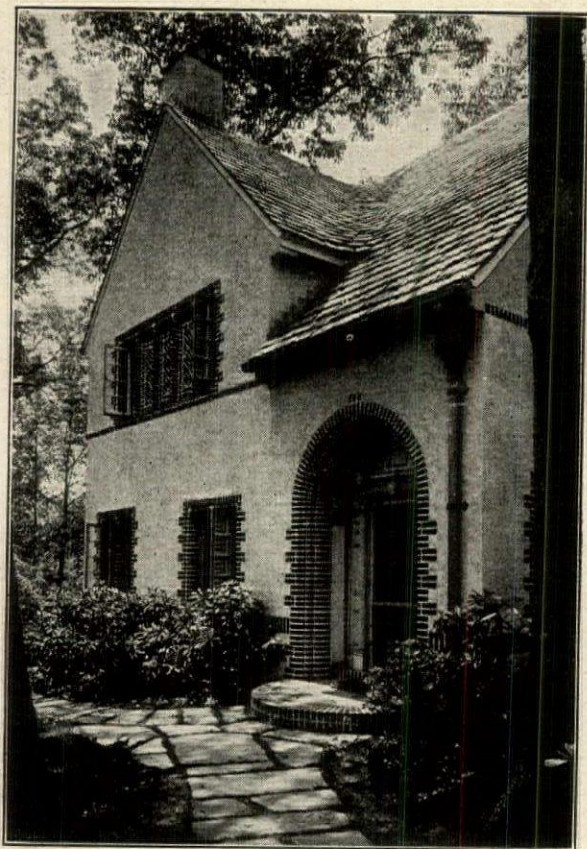
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BOSTON

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CHICAGO

## SPINNING CLOTHES CLEAN and DRY

(Continued from page 114)

Now before we leave this subject of centrifugal dryers, we want to tell you of a more expensive dryer because it is being put on the market now and you should know about it. This is not a washing machine at all. It is simply a dryer. It is meant primarily for large homes where the laundry is voluminous.

After the clothes are washed, they are put "en masse" into this dryer and dried to that degree of dryness desired.

Because this dryer is just meant to dry, because it is a specialist, it is, of course, built amazingly well. There isn't a chance in the world of the spinner getting out of adjustment. It is so built on a gyroscopic plan that it will adjust itself should anything happen to force it out of position. It is expensive. . . . it is the Rolls Royce of centrifugal dryers. Yet not nearly as expensive as the dryers

which all the newer home laundries have had built into the walls and which slide out like magic.

And, be it remembered that when you buy any of these washers or dryers, insist that there is a drain near the bottom of the drum for attachment to plumbing or bucket for outlet. These machines are all the more satisfactory when attached to the plumbing for the intake and outgo of water is simpler of accomplishment.

An opening around the lid of some of these machines is very expedient, for it admits of a continuous stream of fresh air circulating through the clothes.

So, you can have rinsing, bluing and drying in one set of motions. You can dispense with the wash tub and not have any, if you like, or if you prefer, you can use your tubs.

## MODEST and SELF-ASSERTIVE BEDS

(Continued from page 118)

same kind of bed in Chinese Chipendale or Hepplewhite—there is no end to the different forms which beds have taken throughout the centuries. All that we can do here is to discuss the characteristics of a few of the principal types.

The two main categories into which the self-assertive beds can be divided are these: beds with canopies and hangings, and beds that have none of these things. This division has no historical value—for beds of both types have been made at all periods—but it has a decorative value. The addition of draperies to a bed or even a superstructure for carrying draperies is of vital importance to the decoration of a room. Beds with draperies have been made, as we have said, at all periods. The Empire did not go in for four-posters; but it was not averse to placing its beds under a domed canopy attached to the wall, from which draperies flowed down on either side.

Beds of this type with their falling draperies are inevitably the dominating feature of any room in which they are placed. They are always at their best in large, high rooms, where they seem to be of proportionable dimensions. A small room is dwarfed and stifled by one of these massive pieces of furniture. In a good spacious bedroom, however, nothing can be better. The valanced

canopy and the drapery of these beds will be used to set the note of the color scheme. With regard to the bed itself, for most ordinary rooms the lighter 18th Century type of four-poster will generally be found more suitable than the massive earlier types, which require heavy furniture and paneling to go with them. Others will abolish the four-poster altogether and make use, for their effects of drapery, of a canopy attached to the wall above the bed's head.

Of the beds without draperies or superstructures there are, of course, countless models. Among the most elegant of these are the Empire beds, which are distinguished from other types by the fact that they have little or no footboard and a headboard that is not all pronounced. These graceful imitations of Roman couches are coming in today for a second phase of popularity, and English and French beds of the earliest 19th Century are frequently seen at the present time, while the type is often imitated in beds of modern manufacture. Much less common and in many respects more beautiful in design than anything produced in France or England during the Empire period are the beautiful Spanish beds of the same date. Made of mahogany and adorned with a beautiful design of rays, these beds have a solid dignity and originality of design.

## THE MATTER of PLANT NAMES

FRANK B. MEYER

THE need of employing special scientific names for plants and flowers arises mainly from the desirability of having for a certain plant or flower a name that shall be understood everywhere in the world and from the fact that even in one country, particularly in different parts of that country, a plant may pass under various common names. There is incidentally, for those persons who are acquainted with Latin and Greek, from which the scientific names are derived, the additional advantage that the scientific or botanical name is, in its various parts, descriptive or informative in one way or another. It may be affectation and ridiculous pedantry to use by preference the botanical name when the common name would serve as well, as is amusingly described by the learned T. S. Lindsay,

Archdeacon of Dublin, in a neat little book devoted to the subject. He pokes fun at the person who calls an oak *Quercus* and a daisy in the lawn *Bellis perennis* and quotes an old poet who long ago wrote,

"High-sounding words our worthy gardener gets,  
And at his club to wondering swains repeats:

He there of *Rhus* and *Rhododendron* speaks,

And *Allium* calls his Onions and Leeks;  
Here *Arum*, there *Leontodons* we view,  
And *Artemisia* grows where Wormwood grew."

But there are occasions when it is not only desirable but actually necessary to use, in not only writing but also in speech the scientific terms. In pro-

(Continued on page 136)

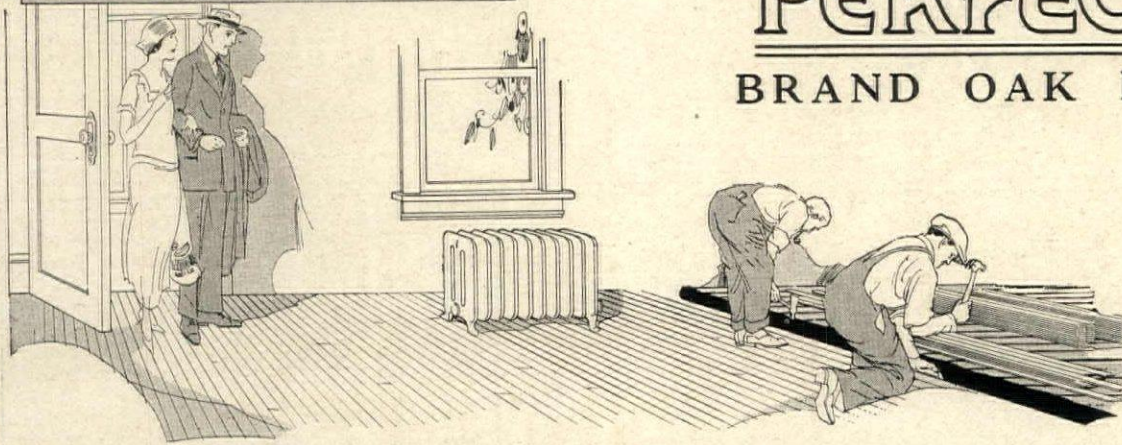
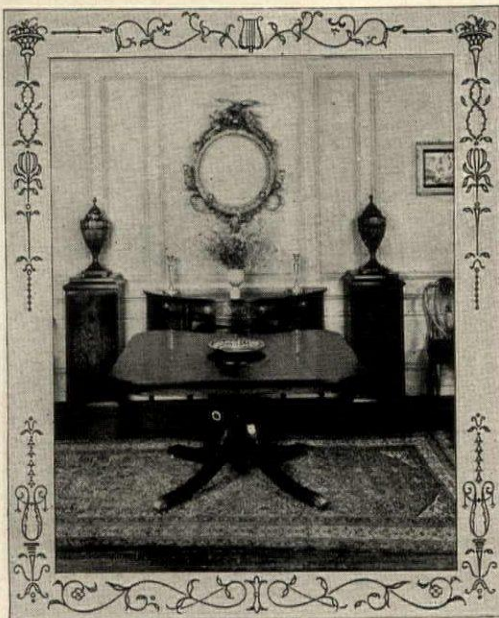
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cheery—a bit of outdoors brought into the home. The opportunity for choice is infinite.

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# 'PERFECTION'

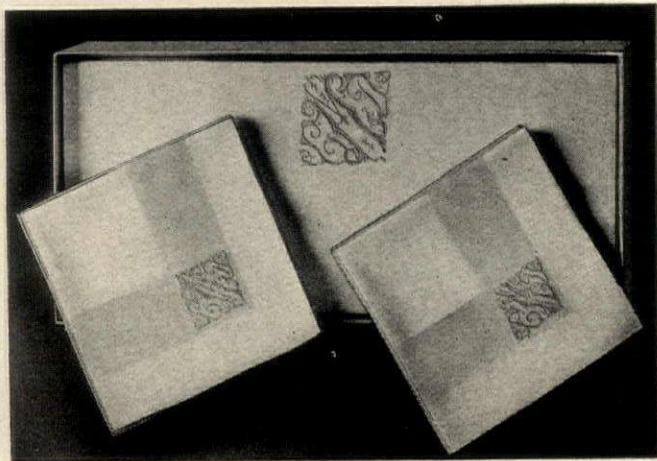
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22 x 22 inches	32.00	2 1/4 x 2 1/4 yards	30.00
26 x 26 inches	37.50	2 1/2 x 2 1/2 yards	36.00

Monograms as shown—Napkin size, \$4.00 each; Cloth size, \$9.00 each (Other Lengths in these widths stock.)

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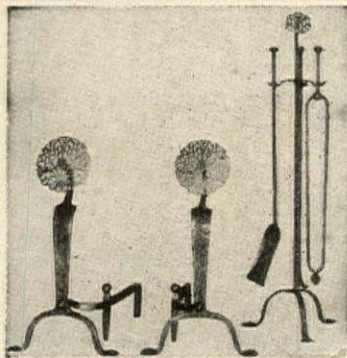
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- 3—Make sure that legs, rails and mouldings are of the same wood as tops, fronts and sides—real walnut. —from "Real American Walnut"

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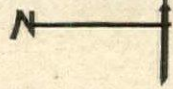
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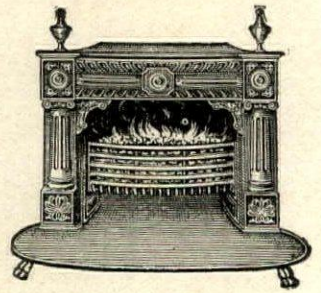
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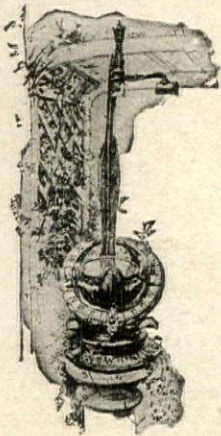


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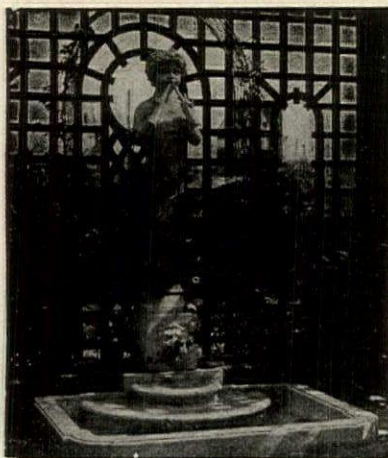
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The donor of the princely gift of 129 rugs, given to the Metropolitan Museum, told me that no collector can ever buy elsewhere the equals of my rugs, and he advised me to raise my prices, which I have not yet done.

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DOROTHY MEAD

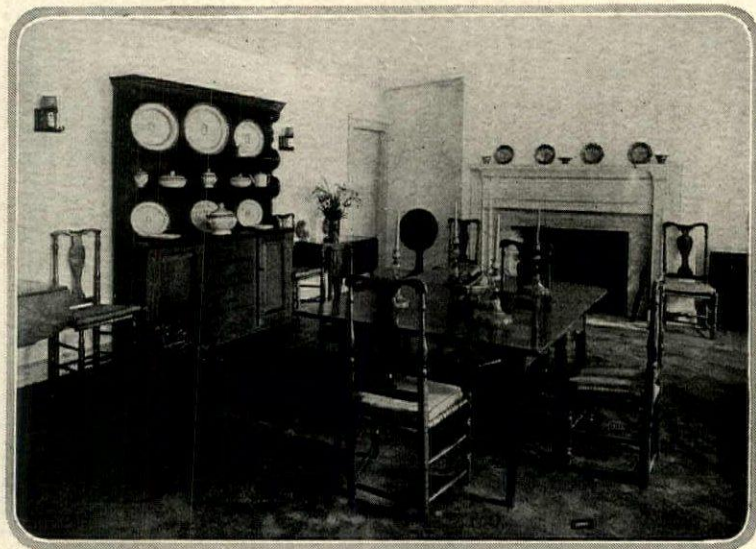
IF ONE has a collection of interesting and colorful china there is no reason why some of it should not be shown to advantage. This does not mean that one should clutter up the room with a meaningless display of crockery; but a certain amount used here and there for decorative purposes is both interesting and charming.

The logical place for china is in a cupboard in the dining-room. Interesting small pieces may be put in a hanging

cabinet or on the shelves of a hanging bookcase in a living-room or hall, while a row of plates often proves an effective mantel decoration.

The built-in china closet however, is the best place for the display of one's cherished pieces. An interesting effect can be obtained by painting the inside a different color.

Lacking a cupboard of the built-in variety, china can be attractively displayed on the shelves of an open dresser.

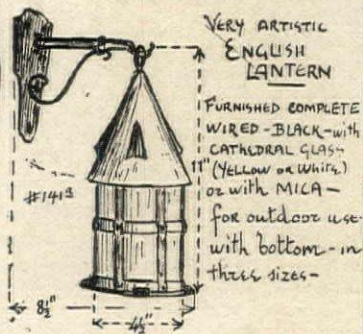


Lacking a decorative corner closet, a collection of rare old china or even some modern colorful peasant pieces may be displayed on the shelves of an open dresser

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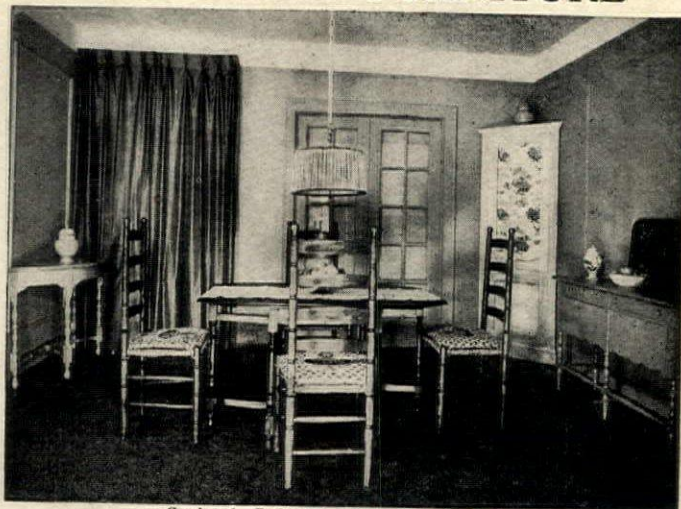
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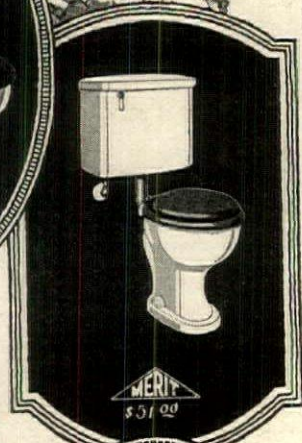
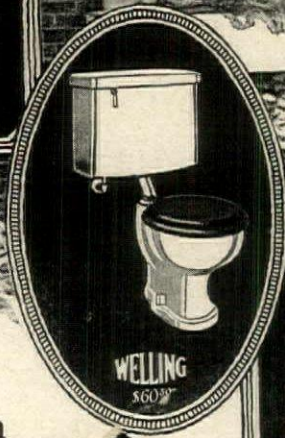
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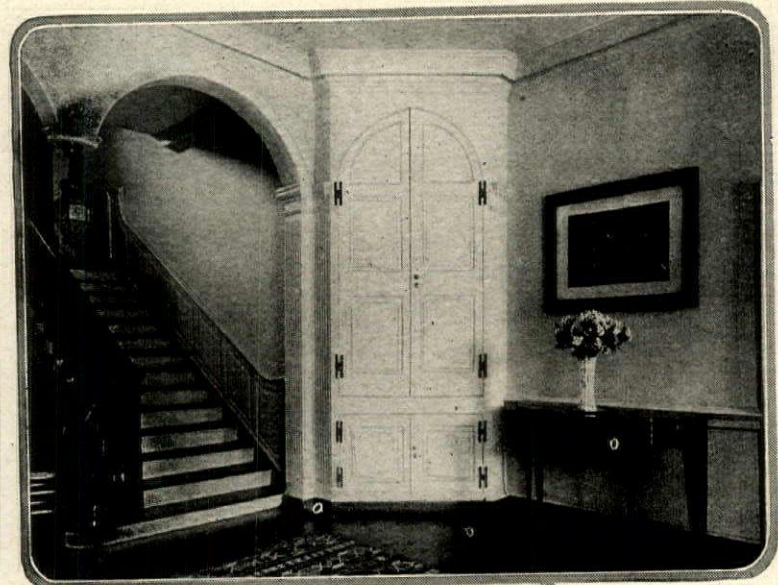
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Character in



Tebbs

The corner china closet with its arched and paneled doors is a feature of this hall

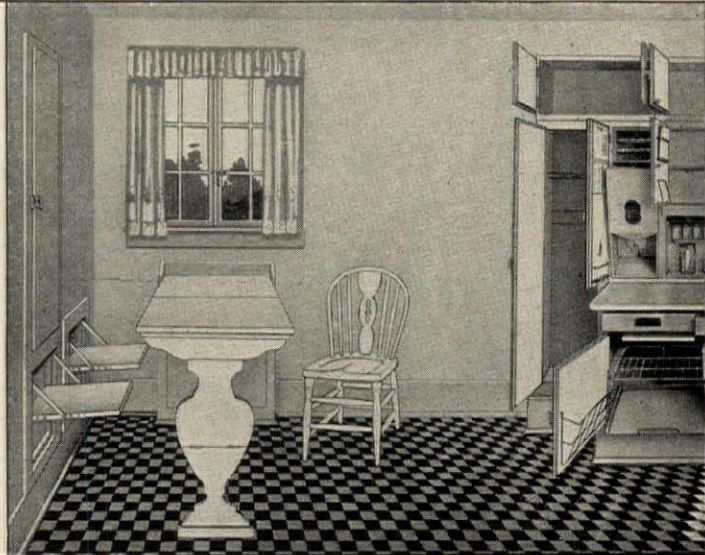


Open it reveals a decorative shell top and shelves filled with colorful pieces of china



# KITCHEN MAID

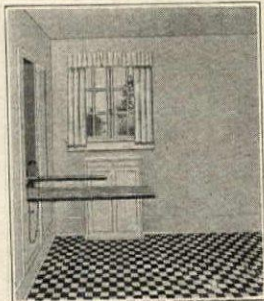
STANDARD KITCHEN UNITS



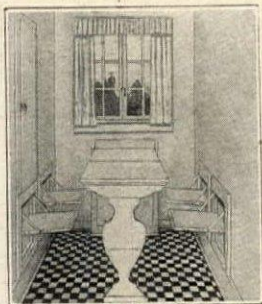
The Pulmanook can be installed in any corner with disappearing table and two disappearing chairs, as shown above. Also part of Combination 1-X.

## An up-to-date kitchen

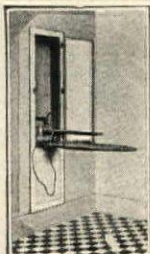
—for less than the cost of out-of-date cupboards



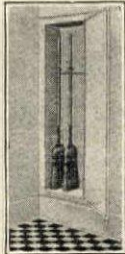
The Pulmanook closed, showing space used for ironing. The ironing board folds away above one of the chairs when not in use.



The Pulmanook can be installed with 4 chairs and table, as shown above, where space is available.



The disappearing Ironing Board folds into the wall when not in use. Supplied as a separate unit or as a part of the Pulmanook. Can be installed in new or old homes.



The Broom Closet can be built in or set in any kitchen. It keeps brooms, mops and other cleaning equipment out of the way.

Here is an inviting breakfast corner, with table and seats which fold away during the day. At the right you see the broom closet, dish closets and a part of the Kitchen Maid cabinet—and that whole unit combines more convenience than you ever saw in a few square feet of kitchen wall space.

These are only a few of the Kitchen Maid units which put kitchen walls to work. Let us show you all of these space-saving fittings—built with the skill and beauty developed by the cabinet-makers who build Kitchen Maid cabinets. While they save money by saving space in the plan of a new kitchen, their actual cost is no more than the cost of building old-fashioned cupboards. They add beauty, convenience, modern style to your kitchen. Write for the book, illustrating all of these units which may be built-in or set into your new kitchen or your present home. Send for full information today.

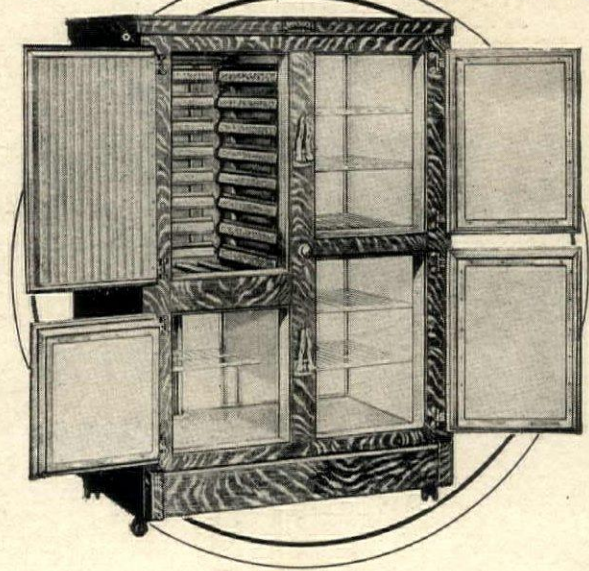
WASMUTH-ENDICOTT COMPANY  
1120 Snowden Street  
Andrews Indiana

"Let the Kitchen Maid Be Your Kitchen Aid"



# MCCRAY

## REFRIGERATORS



### For Homes of Every Size

For residences of every type, imposing town or country houses or for the modest bungalow, there is a McCray refrigerator of suitable size and style.

A McCray refrigerator in your home means wholesome, palatable meals; food kept temptingly fresh and appetizing. It means an end to waste through spoilage. And the family's health is protected from the danger of contaminated foods.

A constant current of cold, dry air sweeps through every compartment like a refreshing north breeze, preserving the original freshness and flavors of perishable foods, and keeping every corner of the refrigerator sweet and perfectly dry. This is the result of the patented McCray construction.

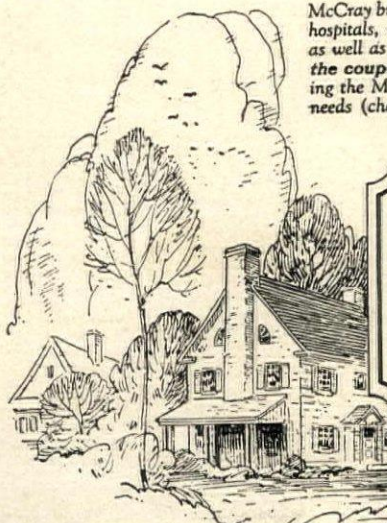
The name McCray is recognized as the sterling mark on refrigerators, a distinction won in a third-of-a-century's devotion to the most rigid ideals of quality.

Residence models from \$35 up. Outside icing feature, originated by McCray, available if desired. The McCray is readily adapted for use with mechanical refrigeration.

### McCray Refrigerator Co.

2413 Lake Street Kendallville, Ind.  
Salesrooms in all principal cities. (See Telephone Directory)

McCray builds refrigerators for hotels, clubs, hospitals, stores, markets and florist shops, as well as for residences. Clip and mail the coupon now for information regarding the McCray which exactly meets your needs (check the kind which interests you.)



MCCRAY REFRIGERATOR CO.  
2413 Lake St., Kendallville, Ind.  
Gentlemen—Please send me Free Book and further information about the kind of refrigerator checked.  
( ) Markets; ( ) Grocers; ( ) Residences; ( ) Hotels, etc. ( ) Florists.

Name .....

Street .....

City .....

MCCRAY REFRIGERATORS - FOR ALL PURPOSES



## McCutcheon's

"The Greatest Treasure House of Linens in America"



### Cheapest is Not Best—

For the reason that in the manufacture of cheap things, quality is sacrificed to price. The whole effort is to produce something that will look like the real thing but sell at a great deal less.

In Linens this cheapening process may be well disguised. Cotton can be introduced so cleverly into the heart of the linen thread that only an expert will discover the deception. But the fabric suffers; its wear and service are immeasurably curtailed.

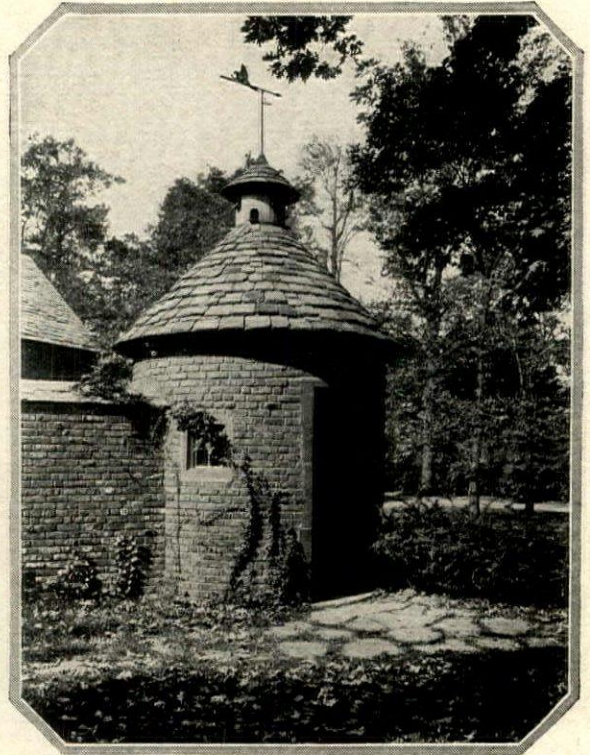
Cotton by itself is good. Linen by itself is better. But a mixture of both is always bad. The fibres do not shrink alike and weakness is bound to develop.

It pays to buy Linens from McCutcheon's, The Linen Store of unquestioned reliability—where the salesmen are Linen experts; where every cloth sold as Linen is guaranteed to be entirely pure, and where, quality considered, prices are always moderate—though never cheap.

### James McCutcheon & Co.

Department No. 44

Fifth Avenue and 34th Street, New York



Slate, in graduated courses and variegated colors, is used here effectively to roof a circular garden house and cope a wall. The flagging here is likewise slate

## WHEN SLATE COMES INTO ITS OWN

(Continued from page 82)

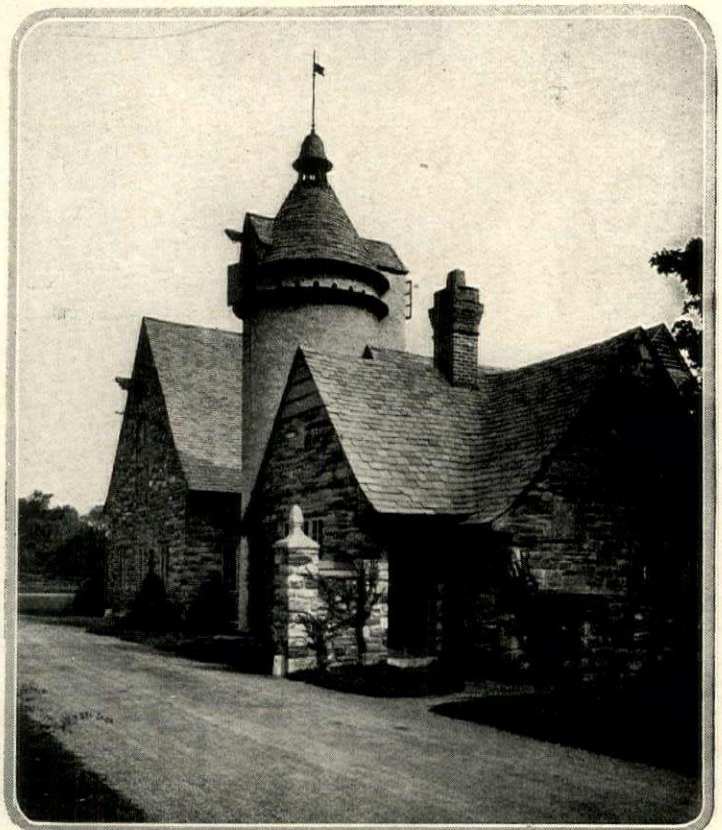
slate into its dense, compact form. The original clay has been completely altered by geologic forces, the resulting slate consisting chiefly of quartz, mica and chlorite, three of the most stable, insoluble and permanent of minerals."

Looking considerably back of the 1880's, when slate was used as thin as it could be split, early builders made more vigorous uses of it. One instance, seen in one of our illustrations, is the type of

house represented by the ancient inn at Tintagel, in Cornwall, built entirely of slate—walls, chimneys and roof. Some of the oldest slate quarries in the world are in Cornwall and in Wales.

Slates were used to cover old castles in North Wales in the 12th Century. It was a local material, and its use as a building as well as a roofing material came quite naturally to the men of

(Continued on page 130)



In addition to its use in the roofs of this group, slate has been made to form the circular ledge of the pigeon runway on the tower

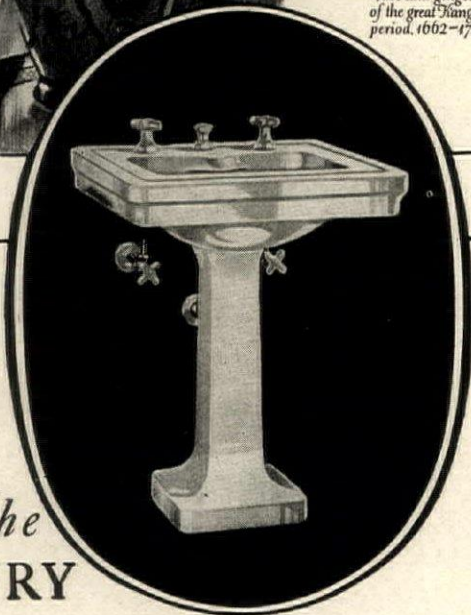
# MADDOCK

## Sanitary Fixtures



Vase and ginger jar of the great K'ang Hsi period, 1662-1722.

*objets d'art*



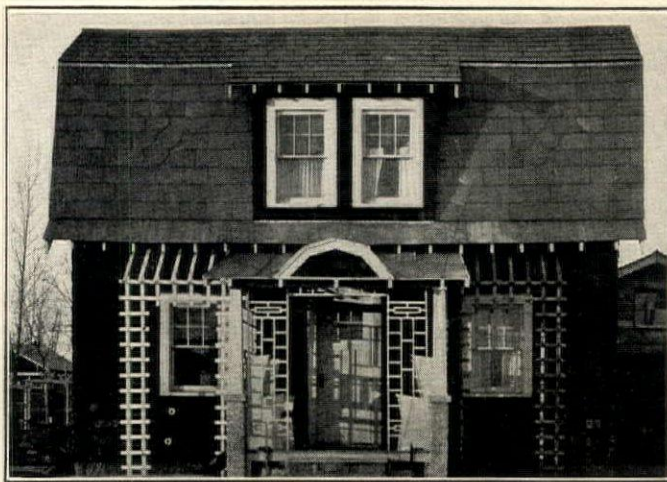
The  
**MADBURY**  
K-2000

White Vitreous China Lavatory with Integral Supply Nozzle, Cleansing Overflow Feature, Square Bowl, Anti-splash Rim and Square Pedestal. The fittings on the top of the Lavatory are entirely covered with china trimmings. This lavatory is made in the following sizes—  
20 x 24    22 x 27    24 x 30

**T**HOMAS MADDOCK bathroom appointments are in harmonious accord with the home in which every detail of equipment is inconspicuously correct.



THOMAS MADDOCK'S SONS COMPANY  
Trenton, New Jersey.

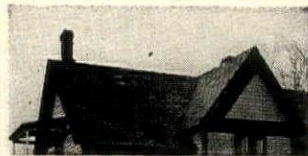


The slate on the roof of this attractive home served for fifty years to cover a factory building in Glens Falls, N. Y. When the factory was torn down twelve years ago, the rock weathered coloring of the slates and their perfect condition after years of service, won them a place on this little home. Sixty-two years of service against the elements have only added to their value.

## There Is Romance In a Slate Roof

There are a thousand stories which testify to the enduring qualities of a slate roof. They are tales of time, of fire and of the elements. They speak of a beauty enhanced by long service; of protective qualities unimpaired by the flames or the most severe attacks of the elements.

The first cost of slate is most reasonable; the thought of upkeep costs is lost in the mists of time.



For roofs of any type or for laundry tubs, sinks and other sanitary or structural blackboard or electrical installations slate has many virtues peculiarly its own—not the least of these are beauty, economy and permanence.

Several years ago a fire gutted a house in Glens Falls, N. Y. Though tons of water were poured on the slate roof while it was subjected to the intense heat of the flames, the slates were undamaged. A roofer salvaged the slate and laid this roof on his own home.

Write for booklet telling of the many uses of slate

Roofs  
Re-roofing  
Chimney Tops  
Hearths  
Mantels  
Thresholds  
Sills  
Wainscoting  
Bases & Plinths  
Stairs  
Risers

Landings  
Vestibules  
Porch Floors  
Areaways  
Garden Walks  
Fountains  
Benches  
Coping  
Bathrooms  
Laundry Tubs  
Laundry Trays

Sinks  
Work Benches  
Dough Boards  
Blackboards  
Electric Bases  
Kitchen Slates  
Range Bases  
Shelving  
Filters  
Table Tops  
Ice Box Shelves  
Drain Boards

# SLATE

CONSIDER ITS USES

NATIONAL SLATE ASSOCIATION  
757 DREXEL BUILDING, PHILADELPHIA



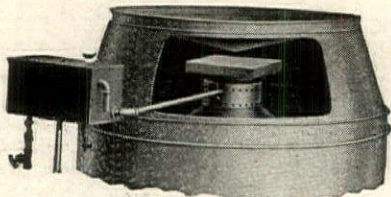
Residence of Mrs. E. J. Flinchbaugh  
Lockport, N. Y.

Robert North, Architect  
Buffalo, N. Y.

## Why is there More Illness in Winter?

In Summer, windows and doors are always open—you have lots of fresh air in your home, and the warm air carries a high percentage of humidity. In the Winter, doors and windows are closed, you cut off the supply of fresh air, and the air you breathe is not only lifeless but so dry that the tissues of the nose and throat are badly affected by the lack of moisture.

But with the Kelsey Warm Air Generator, natural summer conditions are reproduced. A constant supply of fresh, pure air is drawn from outdoors, warmed as it passes through the Kelsey Zig-Zag Tubes, while the Automatic Humidifier imparts to the air a natural and healthful degree of the necessary moisture. Consequently, you feel the warmth at a lower degree of temperature than with dry air, and the moisture that the body absolutely needs is supplied and absorbed in a natural way.



*The Automatic Humidifier*

That is why we use the term "Kelsey Health Heat." It is the best form of health insurance, and costs less for fuel than any other system.

*Our booklet "Kelsey Achievements" will tell you about it in detail. Let us send it to you.*

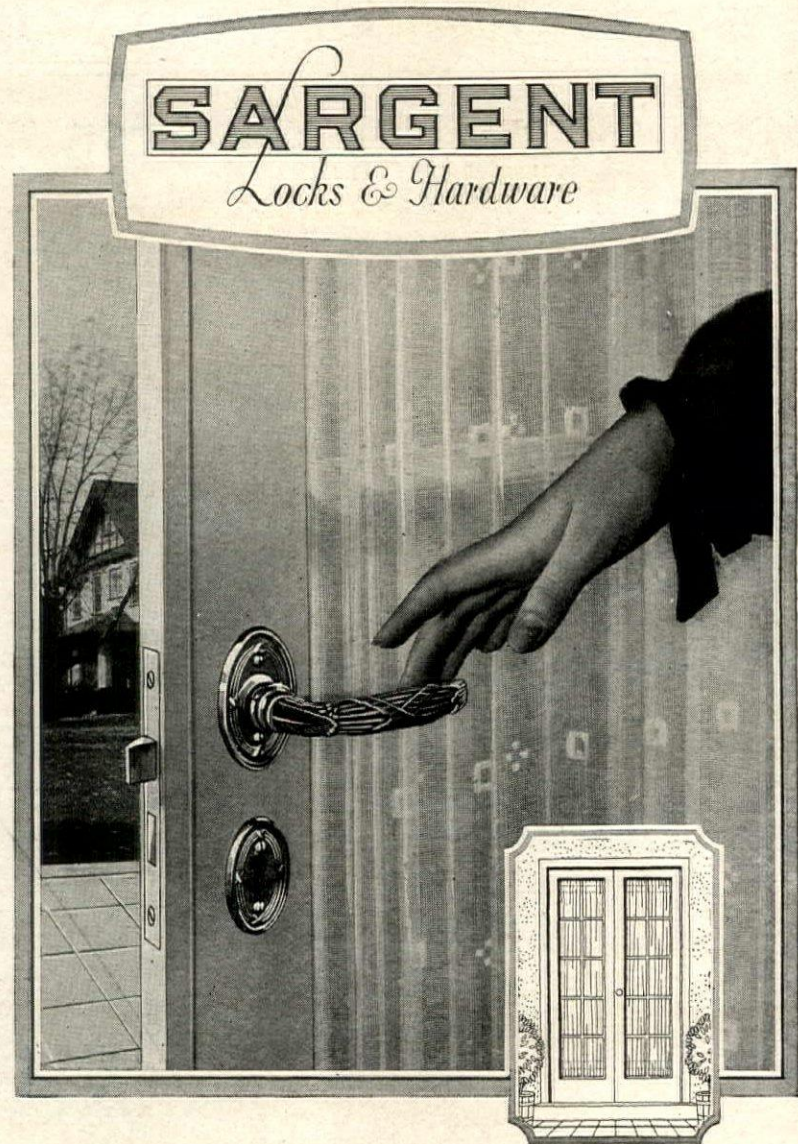
## THE KELSEY WARM AIR GENERATOR

(Trade Mark Registered)

New York  
565-K Fifth Avenue

Boston  
403-K P. O. Sq. Bldg.

237 James Street, Syracuse, N. Y.



## *In harmony with the home and your own good taste*

Designs in Sargent Hardware can be selected to accord with the architectural motive of your new home as well as your plan of decoration. This graceful Du Barry lever handle, a Louis XVI design, emphasizes the charm of well-proportioned French doors or windows. It lends beauty to the interior.

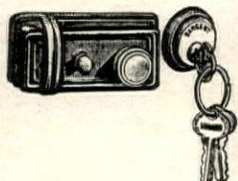
While the Du Barry lever is shown in connection with the Sargent easy spring lock, all of the many distinctive Sargent handles are furnished to operate with lock or cremorne bolt as preferred. And whichever pattern you select, the same fine spirit and workmanship produce knobs, escutcheons and fittings which you can use throughout.

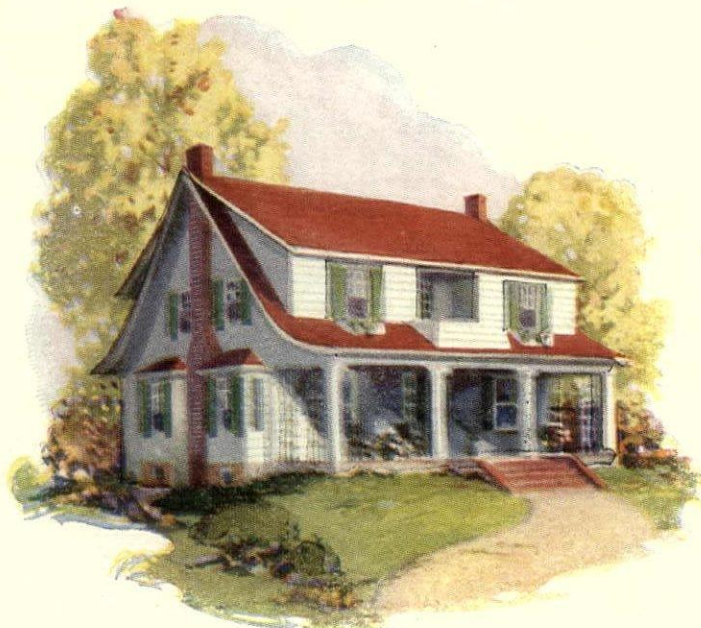
Sargent locks and hardware of solid brass or bronze provide a service and security as lasting and dependable as the foundations of the home. Send for the Sargent Book of Designs, or the Colonial Book for patterns of this period, and select Sargent Hardware with your architect.

**SARGENT & COMPANY, Hardware Manufacturers**  
31 Water Street New Haven, Conn.

### SARGENT DAY and NIGHT LATCHES

Use them to replace or supplement insecure locks on the front, back or important inside doors of dwellings, apartment houses, stores and offices. The handy push-button stop, to dead-lock the latch-bolt or hold it back as desired, is an exclusive feature.





Oak floors are the correct setting for rugs, enhancing by their natural charm of grain and figure, the beauty of furniture and hangings. The new finishes conform to the scheme of decoration adopted.

CONSULT AN ARCHITECT BEFORE BUILDING

## Right over your old floors you can lay OAK, at small cost

**Y**OU do not have to build to enjoy all the advantages of modern oak floors. A special thickness, called  $\frac{3}{8}$  inch, is made expressly to solve the floor problem in your present home.

### *Easily and quickly laid*

No need to tear up the old floors, or disturb any woodwork except the quarter-round at the baseboard. You can modernize one room at a time, if more convenient.

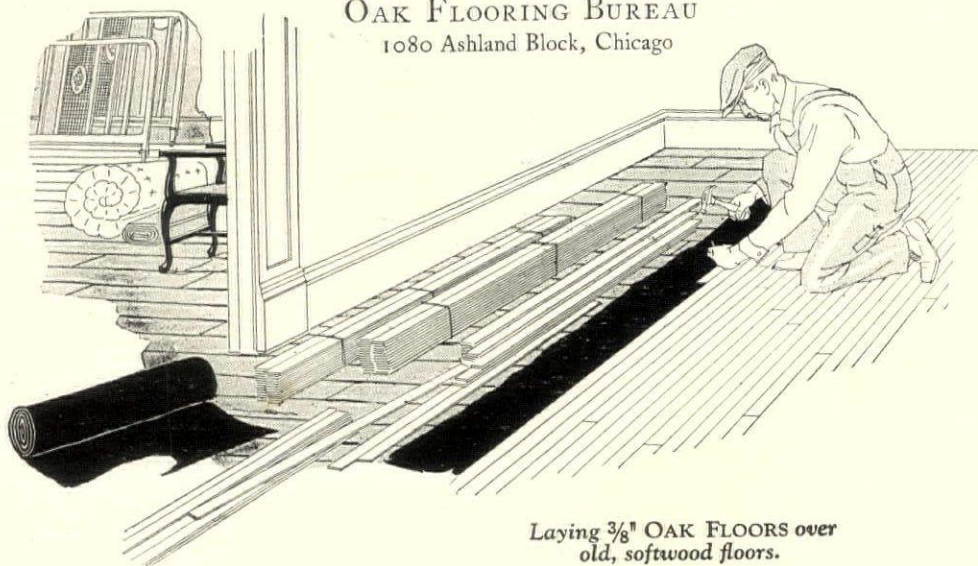
An oak floor eliminates the expense of floor repairs, and adds many times its cost to the value of your property. Enjoy now the comfortable home-like qualities of Nature's oak floors, with none of that cold rigidity so noticeable in

artificial flooring materials. They cost less than new rugs or carpets, and most important of all, will never need to be replaced. In fact, they will grow more beautiful and mellow with age, and ten, twenty years from now, will still be modern, outlasting the house itself.

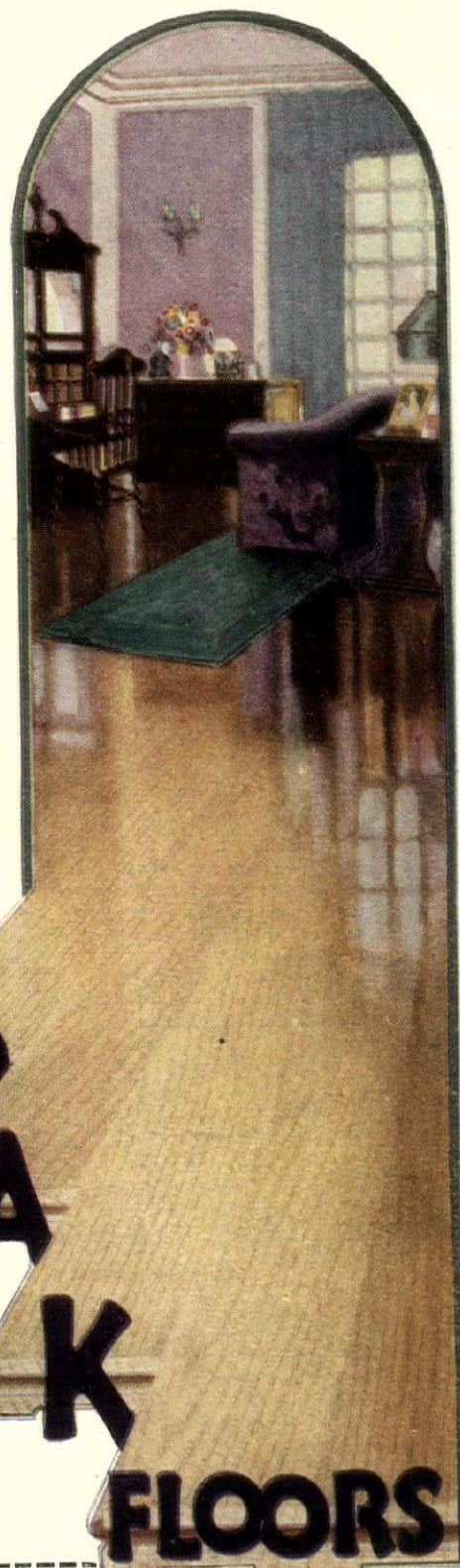
The worst drudgery of house-cleaning is a thing of the past, with bright polished oak floors, easily kept clean and in perfect condition.

Let us tell you about the new finishes, which harmonize with walls, hangings and rugs, giving you distinctive individual rooms, different from others. Write us about your floor problems; we will be glad to help you without obligation. Mail the coupon below for our new free booklet, in colors.

OAK FLOORING BUREAU  
1080 Ashland Block, Chicago



Laying  $\frac{3}{8}$ " OAK FLOORS over old, softwood floors.



NATURE'S GIFT OF EVERLASTING BEAUTY

OAK FLOORING BUREAU  
1080 Ashland Block, Chicago

Please send me prepaid your free, illustrated book, "The Story of OAK FLOORS."



Name .....

Address .....

# MASTERPIECES

---

*St. Gauden's Lincoln, Lincoln Park, Chicago; greatest American portrait statue. A striking delineation of the simple nobility of Abraham Lincoln.*

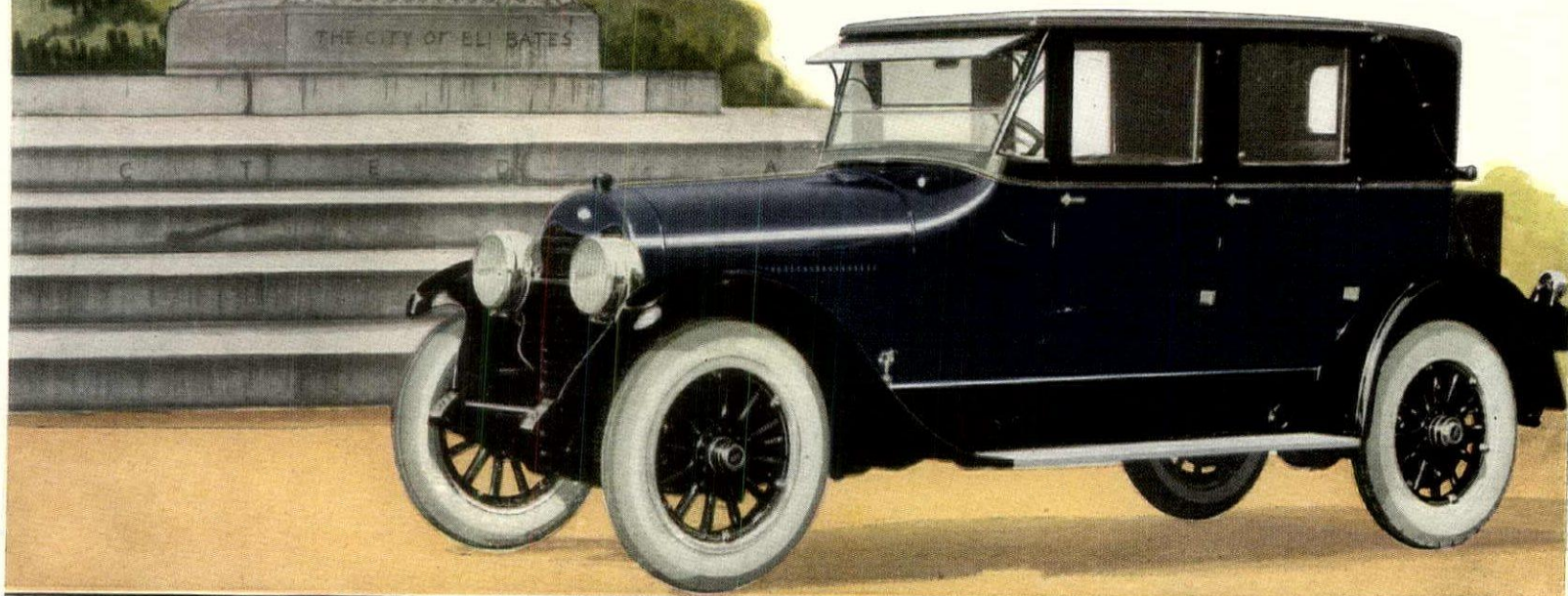
THOSE stalwart qualities of character which distinguish the leader are not attained easily, nor by chance. Only through faithful adherence to lofty principles can they be acquired.

The Lincoln car is universally recognized today as worthy of its honored name because each step in designing it and in building it has been taken in strict conformity to the tenets of correct engineering, masterly workmanship and good taste.

The refinements for which it is notable have been developed from a basic structure fundamentally sound. It stands four-square, a recognized masterpiece.

---

LINCOLN MOTOR COMPANY  
DIVISION OF FORD MOTOR COMPANY, DETROIT, MICH.



---

# LINCOLN

STABILIZED INVESTMENTS

Age—Experience—  
Responsibility

When an investor buys a First Mortgage bond through us, he knows:

- (1) That he is investing his funds through an old firmly established and responsible house.
- (2) That our senior officers who negotiate all our offerings have had experience in Real Estate dealings, building and mortgage negotiations for nearly half a century.
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- (4) That the American Bond & Mortgage Company has been in successful operation for over two decades.
- (5) That the safeguards developed through this wide and successful experience are brought to bear on every bond we offer, and that the bond is protected firmly and persistently right up to the date of maturity by our time-tested Formula of Safety.

For over twenty years every dollar that has become due on the First Mortgage Building Bonds sold by this company has been paid to investors.

Now is the time to invest your funds when it is possible to get such thoroughly protected First Mortgage security and an interest yield of 6 1-2 %.

Write us today; ask for Booklet V-131

**AMERICAN BOND & MORTGAGE CO.**  
INCORPORATED

127 North Dearborn St.  
CHICAGO

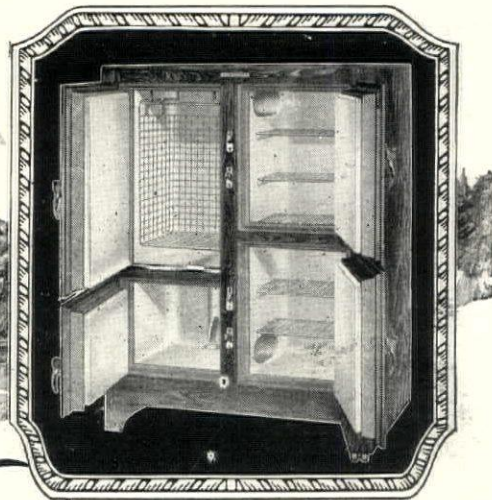
345 Madison Avenue  
NEW YORK

Capital and Surplus over \$4,000,000

Detroit, Cleveland, Boston, Philadelphia and over 20 other cities

AN OLD ESTABLISHED HOUSE

Residence of  
J. Ogden Armour  
Lake Forest, Illinois  
Arthur Huen, Architect



Where  
Quality Reigns

IN America's finest homes where quality reigns throughout, you invariably find Jewett Refrigerators.

Perfect preservation of food—freedom from tell-tale odors and retainment of delicate savor, have long made the Jewett a criterion by which refrigerators are judged.

Glistening white compartments of solid, seamless porcelain, 1 1/4" thick—safelike walls over five inches thick, heavily insulated with pure cork and perfect circulation and purification of cold dry air, maintain the contents of the Jewett in cold, clean, preservation always.

Solid and massive in construction with doors in hairline adjustment, the Jewett locks out the heat and holds in the cold. Its economy and performance when used in conjunction with a refrigerating machine is the standard of comparison.

Jewett is a lifetime refrigerator, chosen by those who measure economy by refrigerating results, saving of ice or power and enduring trouble-free service.

Interesting literature on request

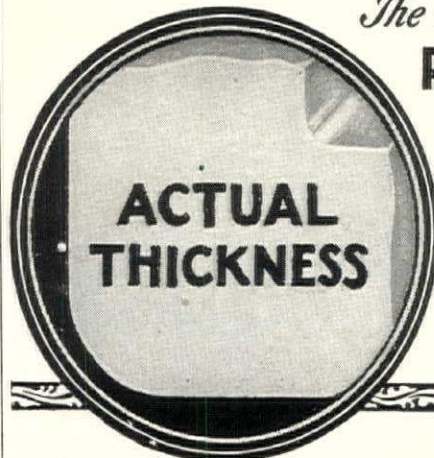
The Jewett Refrigerator Company  
123 Chandler Street, Buffalo, N. Y.  
Branch Offices: New York, Boston, Chicago,  
Cleveland, Los Angeles, Montreal

Some Representative Homes  
where Jewett Refrigerators  
are used:

- Mr. Cornelius Vanderbilt,  
New York City
- Mr. Henry Phipps,  
New York City
- Mr. John D. Rockefeller, Jr.  
New York City
- Mr. Charles M. Schwab,  
New York City
- Mr. Vincent Astor,  
Rhinebeck, N.Y.
- Mr. George Eastman,  
Rochester, N. Y.
- Mr. Payne Whitney,  
Manhasset, L.I.
- Mr. Marshall Field, 3d,  
Huntington, L. I.
- Mr. Murray Guggenheim,  
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- Mr. J. Ogden Armour, Chicago, Ill.
- Mr. Albert H. Loeb, Chicago, Ill.
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- Mr. Mark A. Hanna,  
Cleveland, Ohio
- Mrs. S. C. Walbridge, Toledo, Ohio
- Mr. Waldo Newcomer,  
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- Mr. Joseph Leiter,  
Washington, D. C.
- Mr. William M. VanLeer,  
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- Mrs. James W. Fuller, Jr.,  
Bethlehem, Pa.
- Mr. Herbert L. Clark, Wayne, Pa.
- Mr. Henry Ford, Dearborn, Mich.
- Mr. Byron F. Everitt, Detroit, Mich.
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- Sir John A. Hendrie, Hamilton, Ont.
- Sir Mortimer B. Davis,  
Montreal, Que.
- Mr. G. B. Strathy, Toronto, Ont.

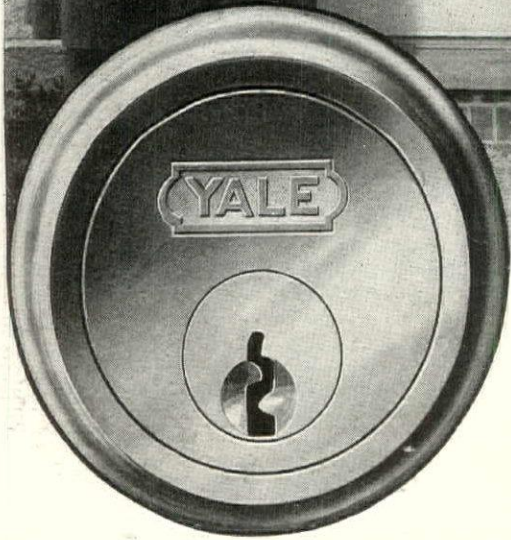
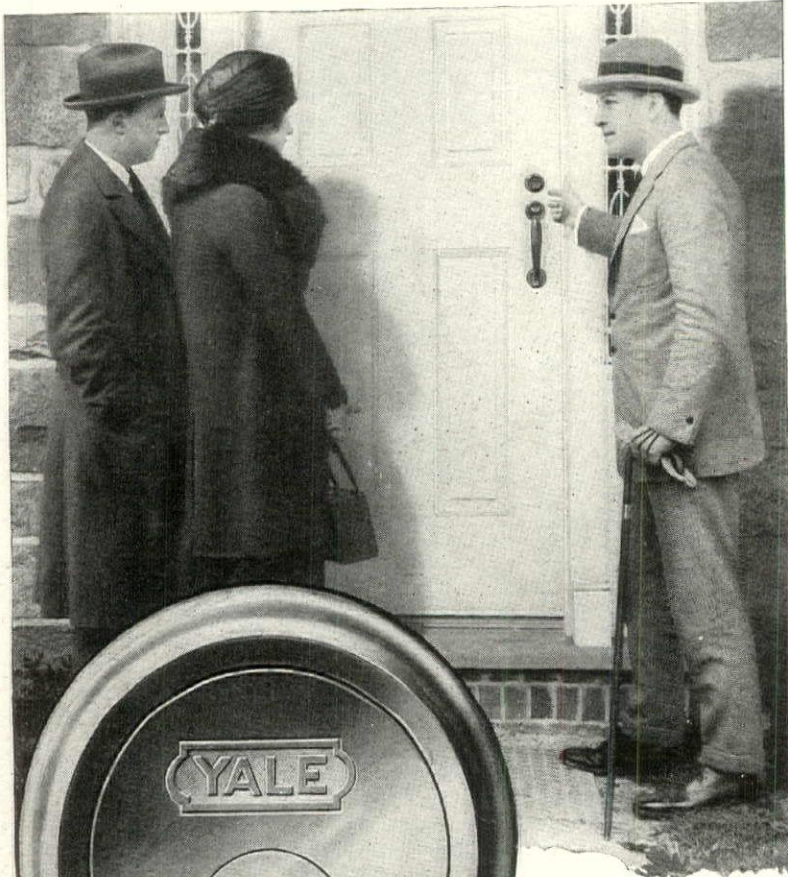
**JEWETT**

The Only Solid Porcelain  
REFRIGERATOR



Jewett food and ice compartments of glistening, white porcelain 1 1/4" thick, cannot chip nor crack like the compartments of so-called "porcelain refrigerators" made of porcelain enamel on thin metal.

There are no unsanitary corners in Jewett Refrigerators—all corners are rounded as shown in illustration.



## The Hardware is YALE

EVERY home is a better home with Yale hardware on the doors.

The smooth, certain action of the locks marked YALE and the perfection of design and the durable finish on the locks and trim are Yale characteristics.

Think of your hardware in terms of service. Yale locks and trim are known and respected for their security and for their freedom from the usual annoyances of loosened knobs, broken springs and the many other uncertainties of ordinary locks and hardware.

It is what goes behind the keyhole that does the work—the part you cannot see. There's where the real lock quality is hidden away.

Yale is recognized as the standard of excellence for locks and hardware.

Yale builders' hardware is for sale by dealers everywhere.

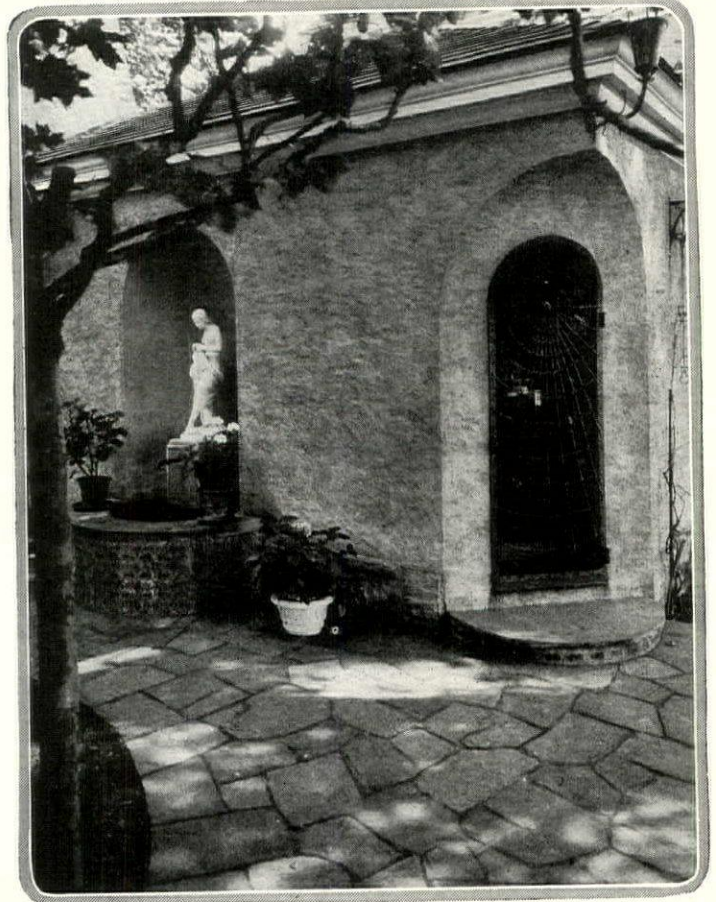
The Yale & Towne Mfg. Co.

Stamford, Conn., U. S. A.

Canadian Branch at St. Catharines, Ont.



Yale Made is Yale Marked



The slate flagging is here laid in a random pattern. Trimmed to a definite shape it serves also as a tread for the semi-circular step and for the pool coping at the niche

## WHEN SLATE COMES INTO ITS OWN

(Continued from page 126)

Wales and Cornwall, whose unfamiliarity with advanced methods of working slate resulted in the picturesquely rugged technique of the old inn at Tintagel.

A building of this type is practically imperishable, because slate is naturally resistant to weathering. At Bradford-on-Avon, Wiltshire, England, stands a slate-roofed Saxon chapel which was built in the 8th Century, so that twelve hundred years of exposure to all kinds of weather have provided a rigorous test, and find the slates today still in good condition.

It is in the Old World, where slate was used as a structural material centuries ago, that suggestions are to be found for its more varied uses in this country today.

Heavy slate, set in cement, makes a floor of unusual character and distinguished color range—admirable for an entrance hall, or for a terrace, loggia or sun porch. It is equally adaptable for garden walls, and for much of the incidental architecture of a garden. If the garden is informal, retaining walls, steps, and copings, benches and pergola posts, as well as the walks can be made of heavy slate, split in slabs from one to two inches thick, with roughly squared edges. In a formal garden, carved slate finials and copings can be used effectively making the most of the natural coloring.

Architecturally there is much that slate can add, both inside and outside the house and the country house architects in England have been doing interesting things with it for some time. Used for chimney caps, for thresholds and lintels, for copings, for window sills and window heads, slate combines most harmoniously with any natural ledge stone, with brick or with stucco, or with any combination of these materials. Indoors, the floor has been men-

tioned, and slate will also be found a material of unsuspected possibilities for hearths and mantels. In these new-old uses of slate, however, it should be apparent that the user must have very much the same sympathetic feeling that is required to successfully use natural stone. Slate can be worked down to a surface as smooth and even as marble, in which form it is found in laundries, kitchens and shower-bath enclosures, and for varied purposes in hospitals. It is very frequently used for sanitary bases, and in these uses it has been chosen for service rather than for beauty.

The beauty of slate is most apparent when it is most nearly in the form in which it was taken from the quarry. From the purely esthetic point of view, also, slate is monotonous and uninteresting unless the architect makes the most of its natural range of color, as is now the familiar custom in selecting the slates for a roof.

An instructive illustration of the ideal use of slate is seen in the old inn at Tintagel, and while little detail is visible in our reproduction from the water-color drawing, there is character and true feeling for the material in every line of the building, in every contour and profile.

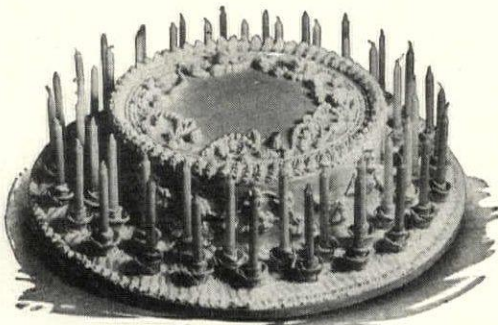
Architect and layman alike will recognize at once the vigorous quality of craftsmanship and the indigenous structural quality expressed in this ancient building. Certainly it was the result of no schools or theories, a monument to no artificial cult of craftsmanship.

It was built entirely of slate because slate was the material most readily at the hands of the builders. The actual fashioning of the pieces and the technique of laying them up in masonry walls and

(Continued on page 132)



DEAN'S - CATERING - DEPT.




What Birthday is complete without its  
**BIRTHDAY CAKE**  
and what Birthday Cake can compare with one from DEAN'S, made of one of their famous cake mixtures, simple or rich, as desired, and beautifully ornamented? Special ideas can be carried out in shape or ornamentation.


Birthdays at School and College a Specialty  
Prices \$3.00 to \$50.00  
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"The Trousseau House of America"



Durable round thread linen sheets and pillow cases, hand scalloped and embroidered dots, elaborately monogrammed.


Sheets 72x108	\$240.00 Doz.
Hand hemmed under sheets	165.00 Doz.
Pillow Cases 22x36	78.00 Doz.

In quantities less than a dozen

Sheets	\$45.00 Pair
Under Sheets	31.00 Pair
Pillow Cases	14.50 Pair

PRICES FOR OTHER SIZES SENT ON REQUEST

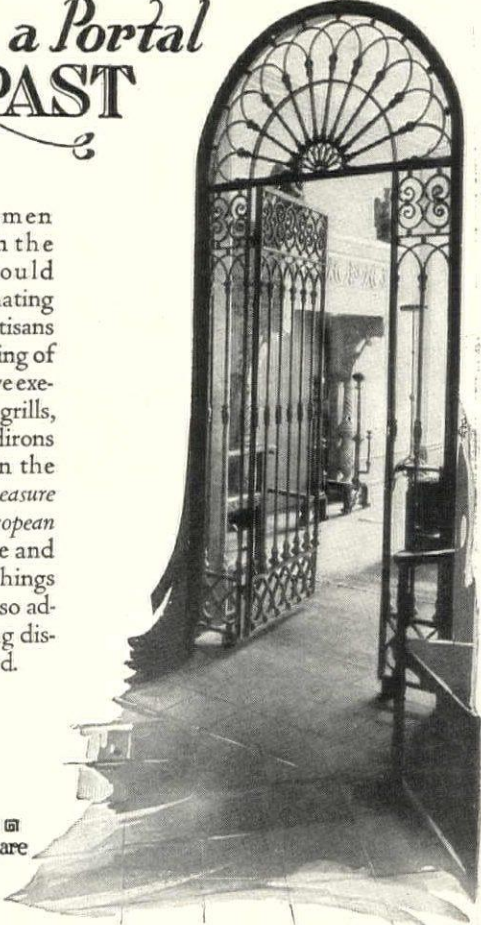
**GRANDE MAISON DE BLANC Inc.**  
FIFTH AVENUE, 44th and 45th Sts., NEW YORK  
Magnolia      Palm Beach      Hampton Bays



A Refinement of the Barnyard Lantern—that can be hung when ceilings are low

**CASSIDY COMPANY**  
INCORPORATED  
Designers and Manufacturers of Lighting Fixtures  
Since 1867  
101 PARK AVENUE AT FORTIETH STREET  
NEW YORK CITY

Looking FORWARD  
through a Portal  
of the PAST



ONLY artist-craftsmen inspired to create in the true spirit of beauty could have fashioned such fascinating wrought iron gates; only artisans possessed of an understanding of decorative design could have executed such other interesting grills, lanterns, torchieres and andirons as have been assembled in the wide collections of the *Treasure House of Oriental and European Art*. Visitors find here rare and antique decorative furnishings and objects of art at prices so advantageous that all shipping distances can be disregarded.

**Gump's**  
S. & G. Gump Co. Below Union Square  
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## McGibbon Furniture

THE rate beauty that marks the finished work of skilled craftsmen versed in the best traditions of furniture-making is evident in every piece of McGibbon Furniture. Whether you are seeking a suite for the living-room, dining room or bedroom, or only an occasional piece, you will readily find something appropriate in our display rooms.



This solid mahogany Highboy is a splendid addition to the hall or bedroom in Colonial style. It stands 73" high, a model of fine cabinet construction—\$240



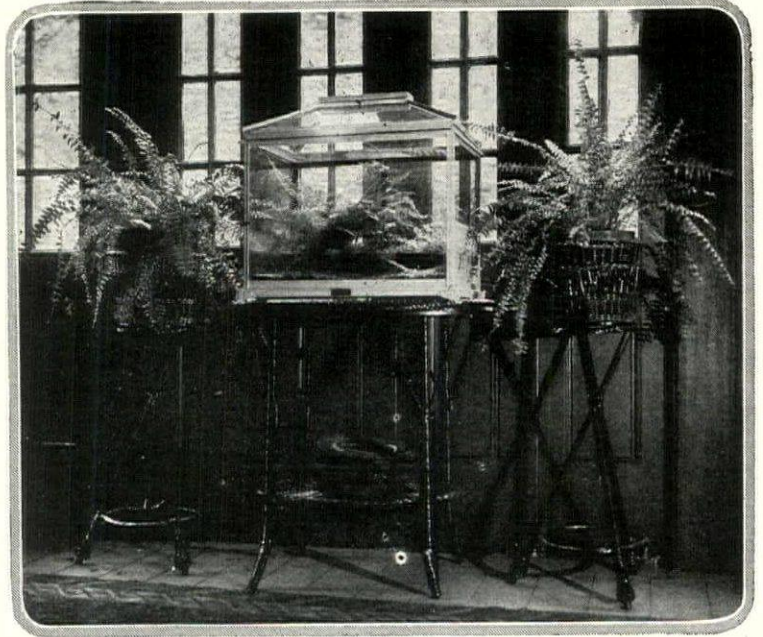
This comfortable Arm-Chair was especially designed for the man's comfort. Made with a down seat and back, properly constructed for rest—\$105.

Here is a small Chaise-Longue that will fit admirably in the girl's room. The colorful covering adds a welcome, cheery touch. Size: 4 feet 6 inches over all. Price, to point a lesson in economy—\$115.



All mail orders will be given prompt attention and selections made as carefully as if in person. Send for our New Illustrated Booklet No. 62.

**McGibbon & Co**  
3 West 37th Street - New York  
NEAR FIFTH AVENUE



*Because of its simple design this aqua-terrarium can be nicely filled into the decorative scheme. It contains both fish and amphibians, as well as small tropical plants*

## A GARDEN AQUARIUM

A. T. DYE

THERE has been a long-felt want for a suitable receptacle in which to keep goldfish, one in which they will show to advantage and which will in addition be an article of adornment to the home. The conventional fish globe and the more recent derivation of it, the finely blown glass bowl (those instruments of torture to fish) soon become unsightly and it is only a matter of time when they are discarded.

An entirely new ornament for the home has been designed and is known to the naturalist world as an aqua-terrarium. To the uninitiated it is a glass-enclosed water garden, combining as it does the beauties of the home aquarium with the added attraction of living terrestrial plants such as palms, ferns, mosses and others which are usually kept in the house. Its appearance suggests a miniature green house and such is its purpose, for in it the terrestrial as well as the aquatic plants will thrive the year round without regard to season. The system of ventilation and drainage employed in its construction insures the hearty growth of all terrestrial plant

life. In the aquarium section a "balanced" aquarium may be established by stocking it with a sufficient number of growing aquatic plants to the size and number of fish. Once established the water need never be changed.

Its usefulness as a decoration for the home was discovered quite by accident. As the life history of many reptiles and amphibians, which live part of the time on land and part of the time in water, is practically unknown, these aqua-terrariums were designed to reproduce the natural habitat of these creatures so that their breeding habits might be studied with ease. In setting up aqua-terrariums for this purpose it was found that very artistic effects were obtained with little effort. The outcome of further developments along this line is shown in the model pictured here.

This aqua-terrarium is particularly adapted to the sun parlor and conservatory. One may observe the growth of terrestrial and aquatic flora and fauna even at night for there is an electric light bulb hidden in the skylight at the top.

## WHEN SLATE COMES INTO ITS OWN

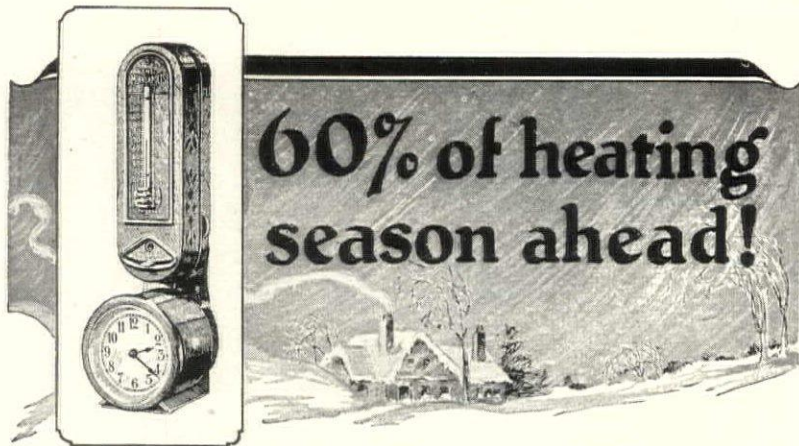
(Continued from page 130)

chimneys no doubt followed the methods that had been used by the earliest Cornish natives, in houses far more ancient than this venerable tavern.

There is, of course, no important purpose served by the use of a special building material if it be used unintelligently or if it be used in such a way that its special beauties of most interesting characteristics be lost in the process. The use of slate as a building material may want a little experimentation and demonstration, but this stage of its development should not be protracted. Slate is neither a difficult material to secure, nor a difficult one to work. There are quarries in Maine, Vermont, Pennsylvania, Virginia, Georgia, New York, New Jersey,

and in the West, the greatest quarries for structural purposes being in Pennsylvania. While slate is a fine-grained and very compact stone, it may be split and shaped readily, and it is not difficult to carve.

Slate can add a distinctly new element of charm to the country house, when there is a more full-grown appreciation of its many structural possibilities. This appreciation we feel safe in predicting as being close at hand, and await with interest the new applications, by American architects, of a material which the builders of certain parts of England and the Continent used with ready familiarity and lasting effect twelve centuries and more ago.



60% of heating season ahead!

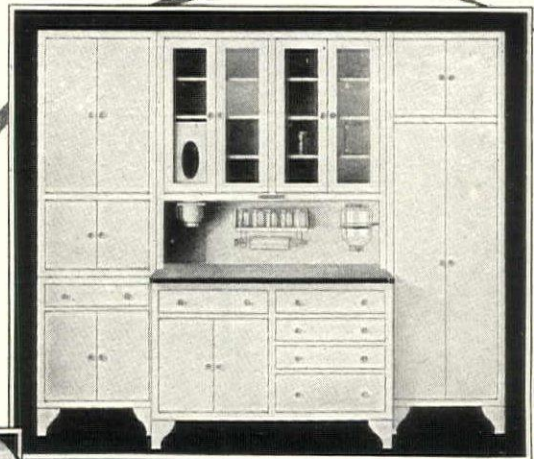
End your heating troubles now!

It is not too late to enjoy the comfort and economy of the Minneapolis Heat Regulator this winter. Takes only a few hours to install. Let the Minneapolis regulate your heating plant. You just set the indicator. It does the rest. Keeps your house at just the degree of warmth desired. Or automatically changes the temperature at any predetermined hour. Checks or advances your fires as necessary to meet outside weather changes. Saves 1/5 to 1/3 on your fuel, too, whether coal, gas, or oil. Order a Minneapolis today. Have it in tomorrow. Branch offices in principal cities render a complete and responsible installation service. Elsewhere see any heating contractor. Write for free booklet, "The Convenience of Comfort."

MINNEAPOLIS HEAT REGULATOR CO.  
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The **MINNEAPOLIS**  
HEAT REGULATOR

★ The **WHITE HOUSE** Line  
SECTIONAL UNIT STEEL DRESSERS



An Enduring Kitchen Help

A **WHITE** House Kitchen Dresser is absolutely Sanitary, Moisture Proof, Vermin Proof and Fire Proof. It needs but the wipe of a cloth to be clean. Or you can remove all shelving and drawers, and thoroughly cleanse the whole interior. Concealed hinges; glass knobs; electrically welded joints; double built doors and drawers. Beautifully finished in sparkling white enamel.

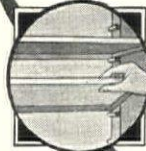
To give great durability and long life to all these notable features, the whole **White** line is built of **STEEL** by exclusive and totally different methods of **RICID, WELDED** construction.

JANES & KIRTLAND

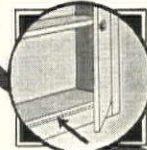
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Flush Construction



Removable Shelving



Strong, Vermin-proof door frame



Fireproof



A Los Angeles Home  
Elmer Gray  
Architect

It makes stucco walls absolutely damp-proof

**BAY STATE** Brick and Cement Coating is the ideal finish for walls of stucco or concrete. Driving rain cannot work through a Bay State coated house. For Bay State Brick and Cement Coating creeps into the porous concrete and seals it—permanently.

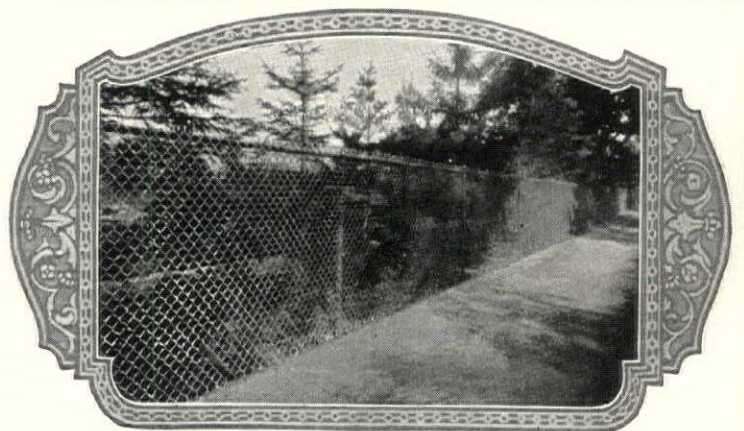
Bay State Brick and Cement Coating is made by a secret formula. This super-coating comes in a complete range of tints and in pure rich white. Send for samples and color-chart.

Our new booklet No. 4, shows many beautiful Bay State coated homes. It's free. Write to-day.

Wadsworth, Holland & Co., Inc.  
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Brick & Cement Coating



Life-Time Property Protection  
with no upkeep costs—

Cyclone Fence sets your property aside for your exclusive use and enjoyment. It beautifies while it protects. Reduces the cost of caring for grounds and permanently ends the depredations of vandals, trespassers, etc.

**RUST PROOF**

Cyclone Fence is the rust proof metal fence. The new and exclusive Cyclone process. Heavily Hot Dip, Zinc-Coated Chain Link Fabric AFTER Weaving, provides a perfect armor against rust. Where other metal fence requires annual painting and attention, Cyclone Fence does not. And, it will last many years longer than ordinary fence.

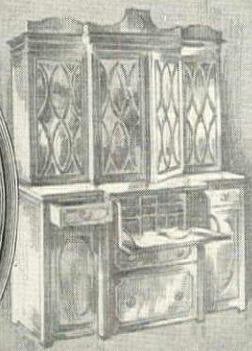
Cyclone Service insures the correct solution of any fencing problem. Our experts will gladly study your requirements, make recommendations and furnish estimates of cost. Write nearest offices, Dept. 51.

**CYCLONE FENCE COMPANY**

The "Red Tag" Waukegan, Ill. Cleveland, Ohio Newark, N. J.  
The Mark of Quality Fort Worth, Texas Oakland, Cal. (Standard Fence Co.)  
Portland, Ore. (Northwest Fence and Wire Works)

**CYCLONE FENCE**  
Wire or Iron, Built for Any Purpose

MARTHA WASHINGTON  
One of a series  
of rare prints  
given you—see  
offer below



## American Housewives Today Enjoy What Martha Washington Could Not

NO AMERICAN home ever offered a more democratic yet distinguished hospitality to its guests—native and foreign—than Mount Vernon when Dame Washington was its mistress.

GREAT men and great ladies, aristocrats and commoners, were everyday visitors; grand balls and other affairs were very frequent events. For the Washington mansion was the hub of the political and social life of the day.

WITH the many demands for her attention, how Martha Washington would have welcomed the labor-saving helps of modern homekeeping! For one thing, they would have saved her concern over the increasing dullness of her prized mahogany and other furniture—a dullness which grew in spite of a tedious rubbing, rubbing, rubbing with the beeswax of her time.

TO THE modern hostess, Liquid Veneer Polish means a simple and easy way to care for piano, furniture and woodwork—restoring to or preserving in them the original beauties of finish, grain and coloring.

AS PROOF of its merit, we offer a free trial bottle; and with it we give a rare print (7 in. x 10 in. suitable for framing) of Martha Washington for 10c to pay postage and packing.

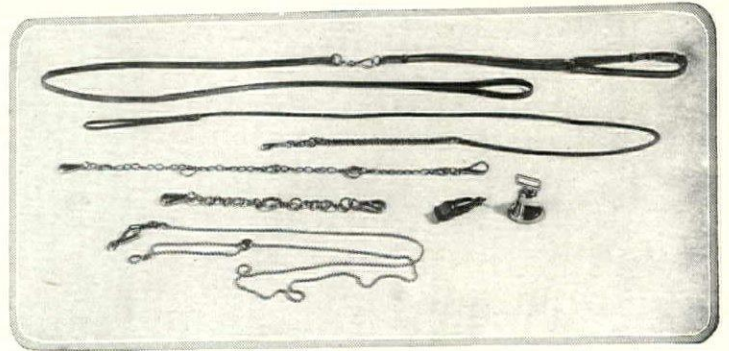
### BUFFALO SPECIALTY CO.

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BUFFALO, N. Y.

Reliable hardware, drug, grocery, paint  
and house furnishing stores recommend

# LIQUID VENEER

One of a Family of Quality Polishing Products



Beginning at the top, these excellent dog accessories are: Flat tan leather leash and slip-over choke collar, small \$3.75, medium \$4.75, large \$6.25. Round tan leather leash with chain end, medium \$2.25. Light weight, 10" bench chain, \$2.25. Small dog coupling chain, \$1.75. Toy dog steel beaded leash, pearl silver finish, \$3.25. Sweet toned collar bell, nickel, \$1.25. Call whistle, \$1.00

## WHERE THE DOG FITS IN

ROBERT S. LEMMON

IF you go back a few aeons in the world's history you will come upon a rather interesting fact. When man's abode was still in the semi-cave stage its owner possessed a dog. Not a pedigreed one, of course, nor even an animal of thoughtfully selected lineage; but a dog for all that, a four-footed, two-fisted canine about as crude as its master's mighty club.

Now, it was more than mere chance that led Old Bill Stonehatchet to possess this primordial Fido of his. He did it with purpose aforethought, for he knew that a good dog would assist him in the pursuit of food on the hoof, in protecting Mrs. S. and the children from encroachment of trespassing dinosaurs and hostile neighbors, and, for all we know, would afford a sort of amusement in the idle hours when war and hunting faded into a comparative background.

The significance of these facts in the 20th Century is clear enough; they simply go to show that a dog has fitted into the home picture through thousands of years. There is abundant justification for the belief that a dogless home today misses one of its most appropriate adjuncts, just as it did ages ago.

A good many people hesitate to add a canine member to the family because they have had little or no experience in dog keeping and do not realize what a

really simple matter it is. Selection, general care and training are to them fraught with all the difficulties of the unknown.

As a matter of fact, the ghosts of all three of these subjects may be laid with four words: "Use your common sense." That's all there is to it—just the ordinary garden variety of brains. Thus equipped you can go ahead with no misgivings whatever.

As intimated in these pages last month, the only kind of dog to buy is one that comes from a reliable kennel that has a reputation for square dealing to uphold. Perhaps in no other class of livestock is there greater opportunity for the dishonest breeder to foist an inferior animal on the inexperienced customer, so you will do well to avoid the fly-by-night dog seller no matter how attractive his offerings may appear.

The general principles of successful dog handling and training are three: be calm, be firm, be just. Excitement in voice or manner is unnecessary, unpleasant and defeats its purpose by confusing the dog and lessening the respect in which he should hold you as a wholly superior deity.

Be self-contained, then, in all your serious handling of your dog, and once you give an order that you are sure he understands *insist upon immediate and*

(Continued on page 136)



The tailor-made kersey blanket in green and blue plaid, 10" from neck to tail, is \$5.25; 14", \$6.25; 16", \$7.75; 20", \$10.25. Round tan leather studded collar with lock tongue buckle, ring and name plate, 10"-25", \$4.75. Round tan slip collar, 21"-25", \$5.25. Very small round red leather collar, \$2.25



## If you but knew what's in this book

It would make your home more beautiful—help you conform the decorative scheme of each room to the modern style—open new and delightful possibilities of harmonizing your floors with your walls and wood-work, furniture and tapestries.

With Maple, Beech or Birch flooring, you can have a floor of "captive sunlight"—or a floor as dark as twilight—a conservative color, or a color which fits the requirements of the ultra modern school of interior decoration.

All the possibilities are interestingly illustrated in "COLOR HARMONY IN FLOORS"—ask your architect or retail lumber dealer, or write us and receive a copy with our compliments.

MAPLE FLOORING MANUFACTURERS ASSOCIATION  
1076 Stock Exchange Building, Chicago

**Guaranteed Floorings**  
The letters **MFMA** on Maple, Beech or Birch flooring signify that the flooring is standardized and guaranteed by the Maple Flooring Manufacturers Association, whose members must attain and maintain the highest standards of manufacture and adhere to manufacturing and grading rules which economically conserve every particle of these remarkable woods. This trade-mark is for your protection. Look for it on the flooring you use. **MFMA**

# Floor with Maple Beech or Birch



Tobey-made  
Furniture

**T**HIS chest of drawers is part of the new Puritan suite—simple in its Jacobean design—made in Tobey Shops of solid Cuban mahogany. Exhibited exclusively in our New York and Chicago stores. Send for brochure.

**The Tobey Furniture Company**  
Wabash Avenue CHICAGO Fifth Avenue NEW YORK



# The Sheraton

**C**HARMING chandeliers and brackets—the work of skilled designers and craftsmen of long experience—can now be obtained at very moderate prices.

On the lighting equipment of the home depends, to a greater extent that most people realize, the effectiveness of the interior decorations and furnishings.

Wisely chosen, your chandeliers and brackets give to the rooms in which you live and entertain your friends a charm that will be a source of satisfaction to you.

In our brochure "Distinctive Designs for Home Lighting" you will find illustrations of Sheraton chandeliers and brackets suitable for each room in the home—a helpful booklet to have whether you are planning a new house, refurnishing an old one, or merely modernizing one or two rooms. We will gladly mail you a copy on request.

**BEARDSLEE CHANDELIER MFG. CO.**  
222 South Jefferson Street CHICAGO



Look for this trademark on the lighting equipment you buy. It is your guarantee of Quality.



"Notice the Lighting Equipment"



16 Models to fit any type of Hot Water, Hot Air or Steam Furnace; any type of coal or wood heater or cook stove.

## New Way to Heat Your Home Installed in Your Present Furnace— Does Away With Dirty Coal Forever!

**B. M. OLIVER**, the heating expert, has invented a new kind of fuel that does away with coal and wood forever in any type of furnace.

### Three Times the Heat of Coal

Mr. Oliver's invention provides an inexpensive, simple, fool-proof and absolutely safe Burner—that is easily within the reach of every family. His device combines 95% air with 5% oil, the cheapest fuel there is—three times the heat of coal.

### No Expensive Equipment

No noisy motors, no electrical connections, no moving parts. Yet this simple device maintains any desired heat in

your home—automatically—in the coldest winter weather. It is installed without any change whatever to your furnace and will outlive the furnace itself.

### Perfect Heat Guaranteed

The performance of the new oil Burner has been so thoroughly tested and proved in over 150,000 homes that Mr. Oliver gives any one the opportunity of using his invention under an extraordinary guarantee of complete satisfaction.

### Low Introductory Offer

Tear out, fill in and mail the coupon below for full description and prices. By mailing coupon at once you will be entitled to the low introductory price offer whether you buy now or later.

## OLIVER OIL-GAS BURNER

OLIVER OIL-GAS BURNER CO.  
B-96 OLIVER BUILDING,  
SAINT LOUIS, MISSOURI  
Oldest and Largest Manufacturers of  
Oil-Gas Burners in the World  
Canadian Distributor, B-96 Oliver  
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### DISTRIBUTORS and AGENTS

An established demand provides distributors with extraordinary opportunity for an extremely attractive income. Write or wire for full particulars.

OLIVER OIL-GAS BURNER CO.  
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Gentlemen—Send me your Free book "New Kind of Heat" and your Special, Low Price Introductory Offer. I am interested in burner for a

Coal  Heating  Furnace  
 Range  Stove  Furnace

Specify whether steam, hot air or hot water

Name.....  
Address.....  
City..... State.....



## The Dealer Knows

The dealer is in an unrivaled position to know the quality of the goods that he handles.

He must know his products in order to sell them and—what is more important—to keep them sold.

While "profits" are a necessary part of his business "Good Will" is its backbone and he knows it.

Remember that a dealer is a *buyer* as well as a *seller*. And that the goods he buys from the manufacturer or jobber he must scrutinize and weigh upon the basis of *your needs*.

In this connection the following extracts from a few of many letters written us by Jersey dealers will interest you—

*Priestley Hardware Co., Princeton, Ill.*

"We want you to know that in our opinion Jersey Insect Screen Cloth is by far the best screen wire we have ever sold and we look forward to a large increase in the demand for it next year."

*Daum & Helm Hardware Co., N. S., Pittsburgh, Pa.*

"We have handled Jersey Copper Screen Cloth for the past seven years and have found it far superior to any other kind of window cloth and feel we are giving the trade good advice when we recommend the use of it for windows and doors."

*Matlack, Kern and Co., Philadelphia, Pa.*

"The aim of our firm is to sell only 'quality' merchandise and this is the reason that for several years we have sold only Jersey Copper Insect Screen Cloth. We believe it to be the best on the market."

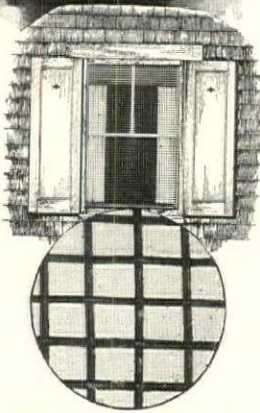
Go to your hardware merchant—ask him about Jersey Copper Insect Screen Cloth. If he does not carry it write us and we will send you samples, an interesting booklet and tell you how you can get it.

The New Jersey Wire  
Cloth Company

628 South Broad Street Trenton, N. J.



**Copper Screen Cloth**  
Made of Copper 99.8% Pure



*Copper Screen Cloth (enlarged 3 3/4 diameters) made by The New Jersey Wire Cloth Company which has been subjected to the action of salt air for more than twelve years.*



*Tan harness leather spiked collar for bulldogs, 2" wide by 10", 21" or 23" long, \$5.75. Combination heavy braided leash and whip, 36", \$3.75. Non-upsetting food or water bowl of zinc, 7 1/4" across base, \$1.50*

## WHERE THE DOG FITS IN

(Continued from page 134)

complete obedience. Provided your command is within reason there is no justification for compliance not following promptly. Let your words go unheeded even once, and you give your dog an idea that he will be sure to utilize in the near future. If he thinks he can "get away with" anything, don't imagine for an instant that he will let the opportunity go by without a trial. Besides, the dog that obeys only when he happens to feel like it is one of the world's most violent exasperations.

Justice is essential on practical as well as humanitarian grounds. You should no more punish a dog severely for unwittingly doing that which he should not do than you would a child. It is only the wilful disobedience that merits more of a reprimand than a sharp word or two.

It is seldom possible to give a dog the elementary education necessary to fit him for household life by the moral suggestion system alone. You do not need to be brutal—far from it; but now and then a moderate application of the rod is virtually a necessity if the dog is to be unspoiled. Two or three sharp cuts with a switch or light whip, so long as they are not delivered around the culprit's head, will have a salutary effect

without risk of injury to either body or spirit. Of course, they must be so tempered as to fit the crime—that is where your sense of justice will come in.

Above all, *never lose your temper, whatever the provocation*. Such a blunder would seriously impair your dog's respect for you, which is a condition of much greater import than the inexperienced might imagine.

*Your personal questions on matters pertaining to dog selection, purchasing and care will be gladly answered by the Readers' Service of The Dog Mart, House & Garden, 19 West 44th Street, New York City. In writing, please be as specific as possible. The Dog Mart does not itself undertake to purchase dogs, but will be glad to forward the addresses of reliable kennels which specialize in particular breeds.*

*The accessories which illustrate the foregoing article may be ordered through the Shopping Department of House & Garden, 19 West 44th Street, New York City. The prices quoted include service charge.*

## THE MATTER of PLANT NAMES

(Continued on page 120)

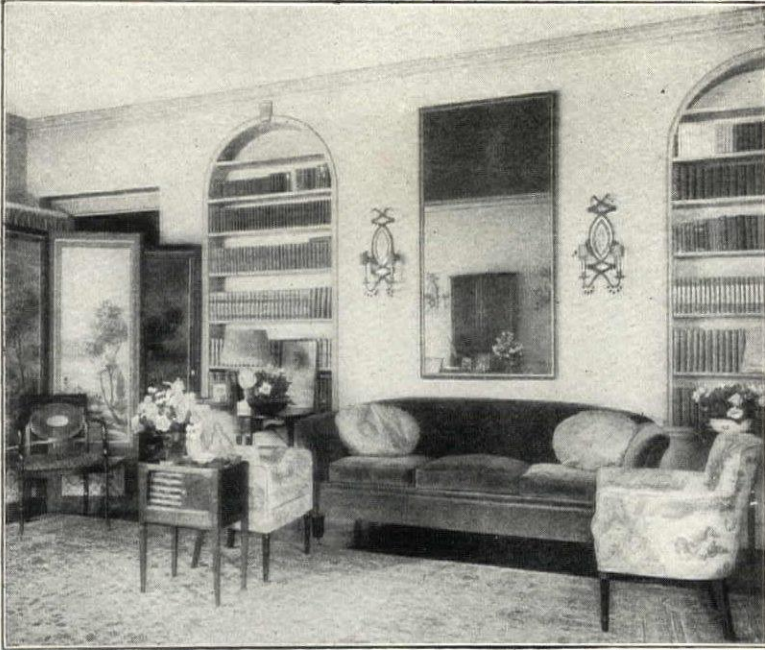
nouncing these names it is desirable, as in social practices generally, to be in fashion. A brief statement of the more important rules that guide English speaking people in pronouncing these words of Greek or Latin origin may be of service. Comfort may be derived from the fact that absolute uniformity does not exist and the main rule is only that in general the names are spoken as are common English words similar to them in their different parts.

Before *e* or *i* (or *y*) the letters *c* and *g* sound as in "receive," "city," "generation" and "gist," so that *racemosus* is spoken as though there were an *s* in place of the *c*. But *ch* is always taken as the equivalent of *k*, even before *e* or *i*, as in *Cheiranthus*; "spinach" is not of the class of words here being considered and is not even of Latin origin. Final *es*, as in *Abies*, is made to sound like "ease." Before a vowel *ci*, *si* and *ti* all are equivalent to *sh* of ordinary English words, with a little of the sound of the *i* retained, as in *Artemisia*. After a vowel and before another vowel *i* has the effect of consonant *y*, as in *Buddleia*. Of a diphthong it is regularly only the second vowel that is sounded, as in *coerulea* or *caerulea*, and *Paeonia*, which

in the anglicized form is even spelled without the *a*; but to *oi* is assigned the sound found in "boisterous;" the British family name Veitch, found in one form or another in the names of plants, is pronounced as it is in England, with the *ei* given the sound found in "weird." The great exception to the rule for diphthongs is that *au* has the pronunciation familiar in "Australia."

Concerning the so-called length of single vowels there is less certainty. Usually the vowel is long if it receives accent, as in "Lonicera." But in this word, formed from a modern name, the accent is more frequently placed upon the syllable having the *i* and then the *e* is sounded shorter. Euphony, however, sometimes sanctions a long quantity in an unstressed syllable as in *coerulea* and as in final *es* cited above. A vowel is short before another vowel, as in *roses*, unless it be the result of the reduction from a diphthong, as in "peony" or "althea." Before two consonants the vowel is short, as in *cercidiphyllum*.

Accent falls upon the syllable next the last if it has a long vowel or a vowel followed by two consonants; otherwise it falls upon the syllable third from the end of the word.



© House &amp; Garden

## Do You Like to Live in Your Living Room?

That's what it's for, you know, to live in. Not just to look at. That's why you want a color scheme that invites you to linger there, that satisfies your subconscious sense of harmony. That's why you want chairs and couches that are comfortable to sit on, and arranged in friendly groupings. That's why you want lamps well placed behind the chairs—and books within easy reach—and little tables convenient to hold the teacups.

Of yes, it's an art. It needs more than good taste or a long purse. It needs *experience*. That's what few householders can have. And what House & Garden has nothing else more than. That, in fact, is the whole reason for our Information Service. Use it—not only for your living room, but for every room in the house.

There's no charge for our advice, of course—except your intelligent co-operation in giving us all the information that may be helpful. If it's a color scheme you ask about, tell us all about the room and its lighting, and any furniture and hangings you may already have. If it's furniture grouping, send a plan of the room and the size of the pieces to fit into it.

If it's a new lamp that you want, or a chair, or a table, tell us where it is to go, and what it has to go against. If it's curtains, describe the windows and the color of your walls and rugs. If it's—well, whatever it is, put yourself in our place, tell us what you think we'll need to know, and help yourself by helping us to help you! Write to the

Information Service

# HOUSE & GARDEN

19 West 44th St.

New York City



This house "the most perfect in America" is now being featured in the motion picture film "The Great Idea." Watch for it!

## Make Yours a Perfect House, Too

When Mr. C. A. Rehm, of Glen Ellyn, Illinois, set out to build the most perfect house in America, he determined to provide it with the most modern conveniences obtainable. Therefore it's not surprising that among the many notable features which distinguish this model home are to be found such **R-W** innovations as—



### Multifold Window Hardware

**Air-Way** equipped windows slide and fold inside without the slightest interference from either screens or draperies. They may be thrown wide open on sunny days, or sealed tight against the weather when it storms. Ideal for sun rooms and sleeping porches, as well as for all other rooms.

### Slidetite

### Garage Door Hardware

Garage doors hung on **Slidetite** slide and fold inside, flat against the wall, leaving a wide, unobstructed opening. The doors move smoothly, with little effort, and cannot possibly blow shut on windy days. **Slidetite** equipped doors fit tight and snug, and are absolutely weather-proof.

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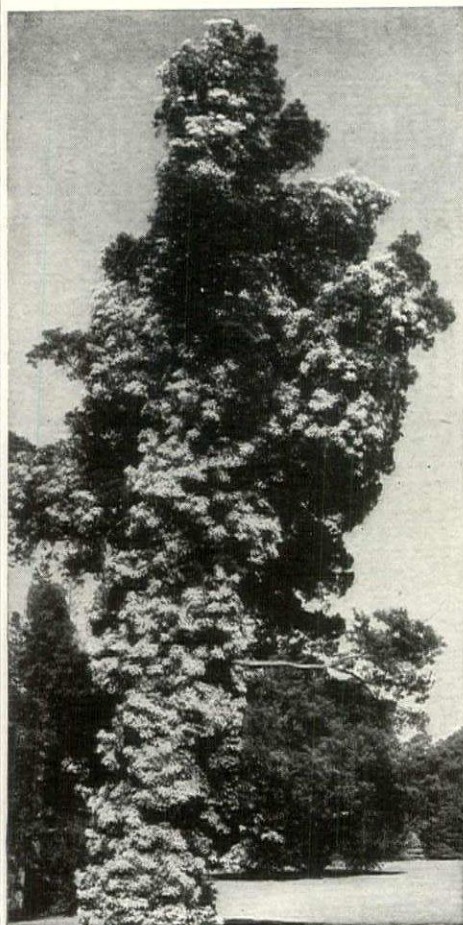
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### Climbing Hydrangea

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Wonderfully effective. It climbs up tree trunks and covers stone, brick or stucco walls, with dense, handsome, bright green foliage from early spring to late fall and with great showy clusters of white blossoms, resembling Hydrangea, in midsummer. Clinging like Ivy, it will eventually reach a height of 30 feet or more. Grows well in partially shaded places; vigorous and unusually free from pests and diseases.

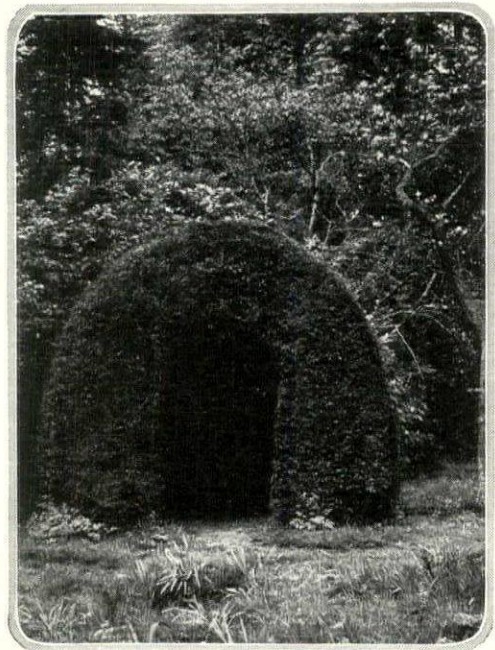
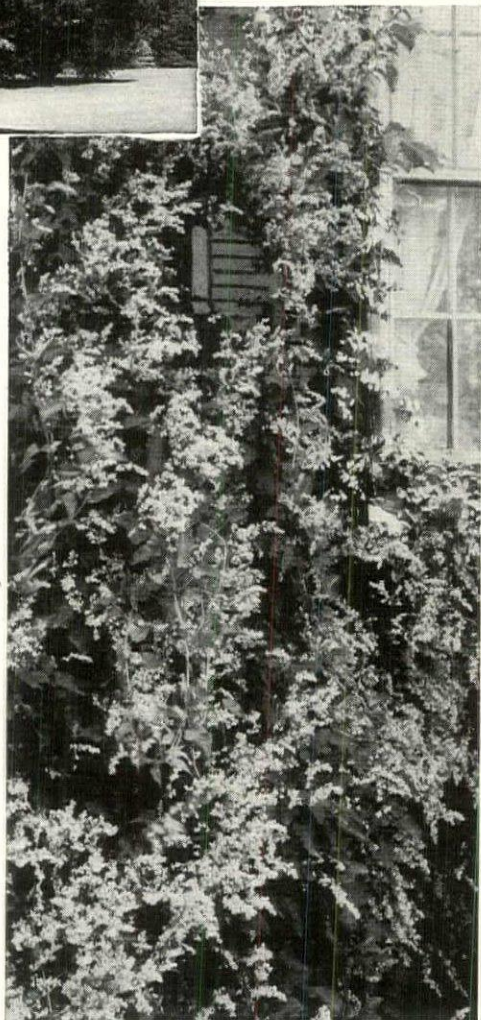
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Strong pot-grown plants,  
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(*Polygonum Auberti*)

Quick-growing, free-blooming, unusually hardy and reliable under all conditions, this ornamental climber from Western China twines about any form of support, growing with great rapidity to a height of 25 feet and covering a large space. Covered in September with graceful sprays of snowy white flowers. Follows and is better than Clematis paniculata. Clean, healthy foliage, attractive all season.

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Strong plants, 75 cts. each,  
4 for \$2.50



*This small Yew arbor for an occasional seat is set against a background of fruit trees in an English orchard*

## THE CLIPPED BOWERS of ENGLAND

(Continued from page 75)

The principle of clipping plants to useful and convenient shapes is the same with hedges as it is with arbors, only we have been accustomed here for such a long time to shear these enclosures that we do it now as a matter of course. We do it continually in gardens where it would not occur to us to cut and train small trees into shelters. A small architectural structure has been a simpler way than the naturalistic to get shade and seclusion, but a wall, fence or lattice has not always been a simpler matter (at least not always a less expensive matter) than a hedge. While Privet and Hawthorn and Arborvitae might be planted in rows along some out-of-the-way boundary and allowed there to grow naturally and without even a clipping, such an uncut course could not be pursued in a garden, where space is at a premium, and where we want particularly to find neatness and regularity. The clipping of garden hedges is therefore the intelligent thing to do; likewise the trimming of evergreen edgings. We might, and very often do, make edgings of stone, brick or tile, just as we build walls and fences instead of planting hedges; but the use of plants for both purposes is so soft and delightful in its effect, furnishes backgrounds and borders so pleasantly green, that when we have patience and a particular fondness for plants in those places as against inanimate forms we make the choice as easily as if we were choosing between a white or a tan interior.

If we happen to like the sheer surface of clipped plants for our garden much more than something of wood or brick or stone, then there is no reason why we shouldn't indulge one personal preference to the further extent of making arbors of square-cut foliage. If we consider the essential habits of the plants we use, and if we avoid distorting them to the point of absurdity, we will get something quite as satisfying in every way as a bit of good architecture.

We will have our difficulties. We will find, if we don't already know, that even some of our hardest evergreens winter-kill in this climate of ours. For it is a climate that thinks nothing of freezing up tight one hour and thawing out the next, then freezing up tight again. Under such a treatment the

sturdiest young Hemlocks occasionally succumb. Perhaps that would not be too serious a disaster if the tree stood alone. Such a one could be replaced, and if the new one were smaller at first, or of a slightly different shape than its predecessor, the effect would not necessarily be bad. But consider the case of a single tree dying out of a group that forms a straight-sided, flat-topped, smoothly arbor, such as the one shown at the top of page 74. Here the individual tree is merged into the mass. Through clipping and training and the intertwining of their branches the trees in the group have become almost a unit. Now one is dead. It is easy enough to take it out, but it is something else again to fill the gap and make a not too glaring patch. Of course, it can be done, but the whole incident is something against which precautions might very wisely be taken.

If an arbor is to be made of evergreens (the type of plants susceptible to alternate freezing and thawing) it should be protected from too much sun in winter and from the prevailing winds. Until the trees have become well established they should be given the additional winter protection of some straw, boughs or brush.

There is not a great choice of material among the evergreens. Hemlock and Pyramidal Arborvitae occur to me now as the only ones entirely suitable. Their foliage is finely cut and tight, and when it is sheared it shapes up nicely into a smooth flat surface. It is heart-breaking to be denied Yew, the plant that is more responsible than any other for the clipped bowers of England—dark, rich and lustrous. Hemlock, however, is our most similar substitute, and a remarkably fine one.

For hedges we have a few broad-leaf evergreens that will submit nicely to clipping—Box, Evergreen Privet, Pyracantha, and Japanese Holly; but for arbors, with their height and bulk, we have nothing that will thrive beyond the gentle climates of the far South and the lower Coast. The English arbors of Holly and Portugal Laurel would be a hopeless risk here.

Among the deciduous shrubs and shrubby trees there are a number which answer the purpose of arbor-making;

(Continued on page 140)

**Free**—Elliott's Spring Nursery Book—a complete guide to Hardy Flowers, Tree Shrubs, Evergreens, Roses and Bulbs for spring planting, with full directions and hundreds of interesting suggestions for beautifying home and grounds. Write today.

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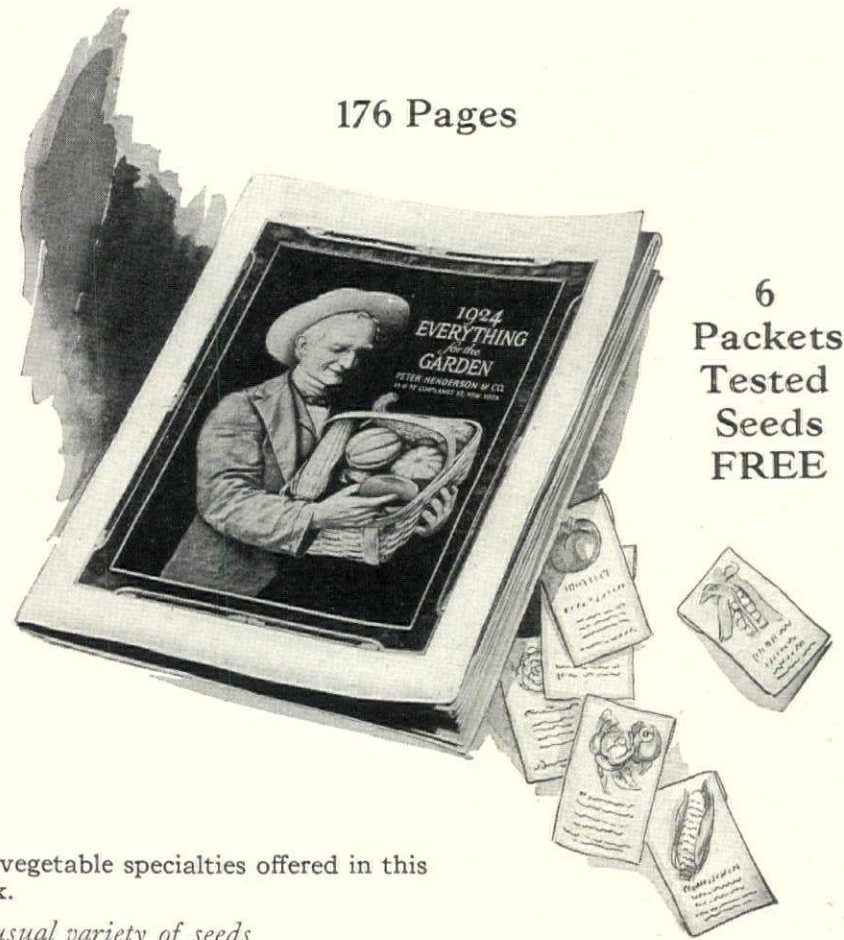


# HENDERSON'S FAMOUS TESTED SEEDS

## New 1924 SEED CATALOGUE

176 Pages

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Peter Henderson & Co.'s famous catalogue "Everything for the Garden," 1924 edition, is just off the press.

176 pages full of the sort of information you need now for planning your vegetable or flower garden.

Over 1,000 photographs—many in color—show actual results obtained from Henderson's tested seeds. This book describes the many varieties of popular vegetables which can be grown from those famous seeds. The great Ponderosa Tomato, Big Boston Lettuce, White Tipped Scarlet Radish, Palmetto Asparagus, etc.—these are just a few of the well-known Hender-

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*Unusual variety of seeds  
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Gladioli, Dahlias, Asters, Delphinium, Calendula, Cosmos—whichever your favorite flowers may be you will find that beautiful specimens can be grown from Henderson's seeds or bulbs. Our horticulturists have developed a remarkable range of exquisite colorings and sizes in the different flowers. "Everything for the Garden" describes these in detail, with pictures, and offers special collections to make a complete and beautiful flower garden.

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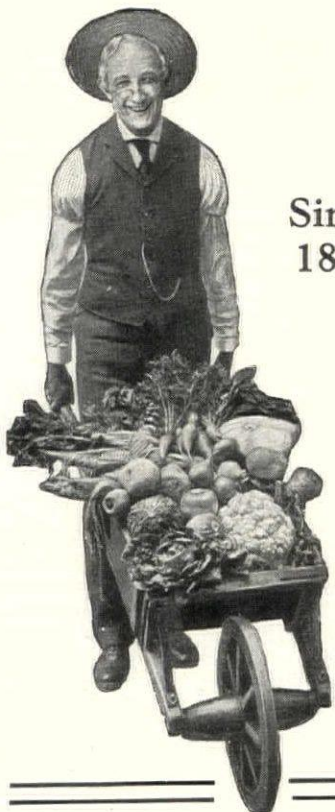
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Send 10c today to cover the cost of mailing the Henderson seed catalogue, "Everything for the Garden" and get free six packets of Henderson's tested seeds,—Ponderosa Tomato, Big Boston Lettuce, White Tipped Scarlet Radish, Henderson's Invincible Asters, Henderson's Brilliant Mixture Poppies,

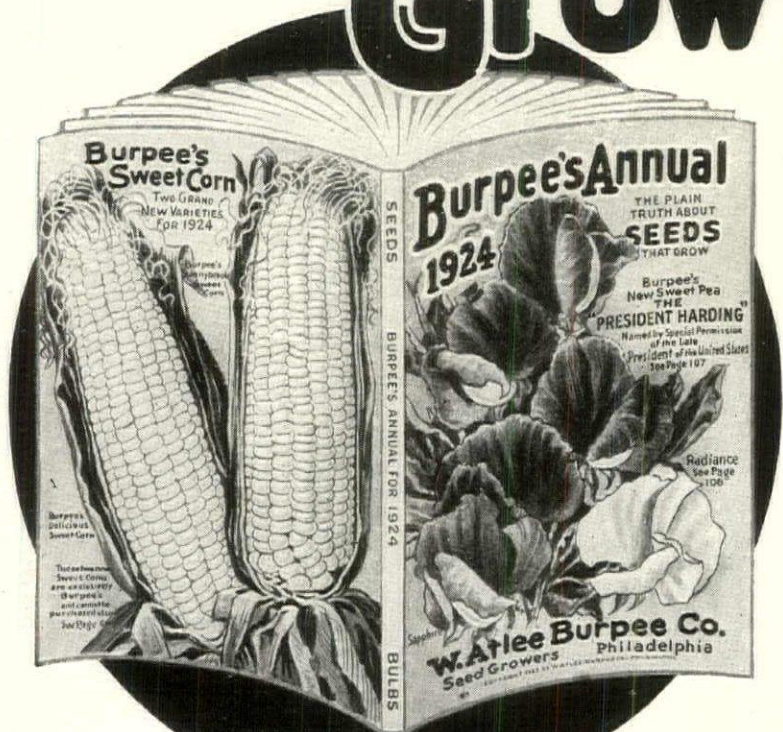
Giant Waved Spencer Sweet Peas. This special collection is enclosed in a coupon envelope which, emptied and returned, will be accepted as 25c cash payment on orders of one dollar or more. Take advantage of this offer today—start your garden as soon as possible.

## Peter Henderson & Co.

35-37 Cortlandt Street, New York City



# Burpee's Seeds Grow



## Burpee's Annual

THE LEADING AMERICAN SEED CATALOG

IT IS well known that the House of Burpee has introduced more distinct new vegetables and flowers that are now in general cultivation than have any three other American Seed Houses combined.

For 1924 we are offering some of the finest new varieties that have been introduced in recent years. Amongst the Burpee Novelties is our wonderful **New Sweet Pea, The President Harding**, which was named by special permission of the late President of the United States.

In our new catalog we are also offering for the first time the **Philadelphia Bush Lima**, which is the earliest and most prolific of all Lima Beans, and the two **New Sweet Corns, Delicious** and **Sunnybrook**, which are a new development out of our famous Golden Bantam. **New Giant Snapdragons, New Zinnias, New Dahlias, New Gladioli, and a New Self-Pruning Tomato** are some of the new creations which are offered this year exclusively by W. Atlee Burpee Company.

Burpee's Annual is our catalog. It is the catalog that tells the plain truth about the Best Seeds That Grow.

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## THE CLIPPED BOWERS of ENGLAND

(Continued from page 138)

some that answer it passably and others that respond with an air of distinction. Privet, for instance, is good without being thrilling, while an arbor (or hedge) of European Beech is something to see.

Sturdy but flexible shrubs like Privet can be made into arbors quickly and simply. Their branches being easily bent they can be turned and trained at the proper height, and held in place, to make a horizontally growing roof. By providing at the outset a light framework of wire the arbor can be done in the form of an arch. The old wood cut, a reproduction of which is shown at the bottom of page 74, illustrates the methods used in training an arbor into shape. The process is not difficult, and with fast growing plants it is far from tedious. The stems of plants on opposite sides of the arbor are brought together at the top and fastened to make an arch. As they develop, as they put out branches

and foliage, they are clipped into the exact shape desired.

Perhaps it is fortunate in many ways that arbors of foliage are generally not what could be called simple things to execute. There would be a danger, otherwise, that small architectural forms for the garden would be neglected; and that would be a pity. Arbors like those which illustrate this article are for the elect, for the gardener with not only skill but patience; and with not only skill and patience, but an extraordinary fondness for plants and a sympathetic and understanding touch. Anybody can love the sight of a naturally growing tree or an unclipped hedgerow—hardly anything else holds such universal beauty; but there is a very special connection formed between man and nature when, without destroying loveliness, trees are made into formal bowers and rows of plants into well-ordered enclosures.

## PREPARING the SOIL for a GARDEN

(Continued from page 86)

sufficient drainage can be arranged with broken stone, brick, etc. These will be put in place when the border is "trenched."

Trenching is a very simple matter. Mark out the area to be occupied by the border, skin off the turf and pile it on one side. Below this will be top soil, from three inches to a foot deep. Take this out and pile it on the other side. The next layer is sub-soil. Here's where your troubles begin. It is packed hard and is yellow or gray and sour. A pick will probably be required to break it up, but break it up you must, because one of the reasons this soil is sterile is the fact that air has never been circulated through it. Fork it over, break up the lumps and, if you have plenty of time, leave it broken and exposed to the elements for a few days. Its nasty yellow or gray will soon assume a more healthy color. Some of it, if the top soil is very shallow, should be dug out and hauled away to make room for a good depth of loam. In the meantime you can occupy yourself hauling leaf mold and manure to the edges of the trench. If drainage is necessary, rocks and broken brick can go into the bottom. Over this scatter some of the top soil and then lay the turfs in grass side down. They will eventually rot and form a layer of good soil down there at the bottom. After this, put in successive layers of manure, leaf mold and top soil until all the good earth has been put back. Scatter in lime and occasional handfuls of broken bone. See that the manure is well buried or you'll grow a fat crop of weeds; weed seeds persist in even well-rotted manure. In the top course—which will now be above the level of the ground—rake in lime, bone meal and wood ashes and the finer sifted soil from the compost heap. Then go away for two or three weeks and let it settle. If you leave it in this condition over the winter, so much the better. The cool days of autumn are ideal for trenching.

Where the garden space is limited the top soil need not be piled on the sides, but can be thrown behind you as you work along the border, and the drainage material and mixtures of soil, leaf mold and manure filled in in sections.

This soil preparation will suffice a thickly planted border for five or six years, after which the border should be dug up and more manure and leaf mold

forked in. By that time the average border needs thinning out anyhow, and the two jobs can be done at the same time.

Whenever any section of the border has to be dug up and the plants lifted and divided—as in the case of Phlox and Michaelmas Daisies which need this attention every two years—take advantage of the opportunity to enrich the soil with well-rotted manure and leaf mold before the divided plants are returned.

Top dressing, which is practised by all good gardeners, is an annual tidbit laid out for the shallow-rooting plants. Bone meal, wood ashes, sifted leaf mold and lime are mixed in equal parts, scattered over the soil and forked in with a hand cultivator. This top dressing will not supplant the initial preparation, nor is it designed to do the work of those special stimulants that you apply to special plants just as they are about to bloom; it is merely a reimbursement of the top soil.

As annuals last only one season and are, in the majority of cases, shallow rooted, there is no necessity for such elaborate and permanent preparation as those accorded the perennial border. A good sandy loam with well-rotted manure forked in deep will answer the purpose. The soil should be deeply dug and well broken up. Lacking manure, you may use a good commercial fertilizer and bone meal and lime. When you prepare for an annual border a year ahead, the spot can be forked over, planted to a cover crop in the autumn which can be turned in early in the spring. This can also be done in the cutting garden where the cover crop is planted so soon as the flowers have finished blooming in the early autumn.

When the annual border or bed is planted to bulbs in the autumn and the bulbs lifted after they have flowered in the spring, to make room for summer bedding plants, the soil should be enriched between these two regimes with some quickly soluble fertilizer, bone meal or one of the commercial fertilizers.

In the last analysis, the difference between perennials and annuals is this—annuals have a short life and a merry one and require plenty of quick-acting nourishment to keep them going on their speedy and floriferous course;

(Continued on page 142)



# Do You Know Evergreens?

Do you know the many beautiful colors and shapes obtainable in Evergreens? We will send you free for the asking, copy of Hill's 1924 De Luxe Evergreen Catalog. This shows 23 full page color pictures of Evergreens. You will greatly enjoy reading the 84 pages, with over 100 illustrations.

Three generations of the Hill family have devoted nearly 70 years to the specialized growing of

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Hundreds of the country's finest estates, public parks and magnificent boulevards, as well as the thousands of homes of all classes enjoy Hill's Evergreens. Select *your* Evergreens the same as you choose the other choice things for you home—specify Hill's Evergreens.

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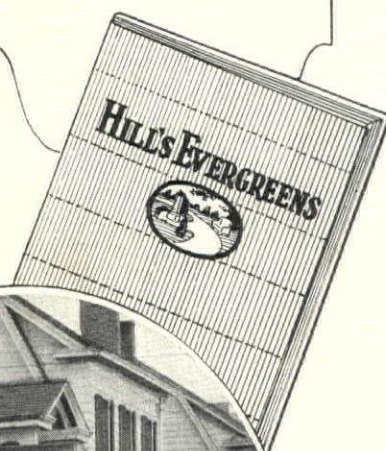
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## The Breath of Spring

The loveliest and most delightful flowers of the whole year—the flowers of most delicate bloom and fragrance—may be planted in very early Spring. A timely suggestion just now is one of these superb assortments.

### Japanese Lilies

**Auratum** (Ivory white with yellow band and purple spots). **Auratum Platifillum** (A giant flower. Coloring much like Auratum). **Speciosum Rubrum** (White with rose tinting and brilliant red spots). **Speciosum Album** (Pure white with green band. Exceedingly fragrant). **Speciosum Melpomene** (Carmine, richly spotted with deeper red). **Speciosum Magnificum** (largest of the Speciosums, Rose tint, with crimson spots).

A dozen of each (72 bulbs) \$25  
 Half dozen each (36 bulbs) \$13  
 Half dozen each any two  
 kinds (12 bulbs) \$6  
 Canada or west of Mississippi, add 10%

### Other Bulb Offers

**Ismene** (Large, pure white, very fragrant, resembling amaryllis). **Hyacinthus Candicans** (White, bell-shaped flowers on tall, candelabra spikes). **Gladioli** (Beckert's "Superb," rich variety of tints and shades). **Oxalis** (Summer blooming. White and rose-tinted).

A dozen of each (48 bulbs) \$3.50  
 Canada or west of Mississippi, \$3.75

Choice, carefully selected, perfect bulbs, specially low priced, to dispose of them quickly. Lilies just arrived from Japan, delayed by the earthquake but in good time if ordered now. Should all be in the ground soon as heavy frosts are over. Order at once.

Write for free Catalog, Dept. H.

## Beckert's Seed Store

Established 1877

Pittsburgh, Pa.

101-103 Federal Street, N. S.

## PREPARING the SOIL for a GARDEN

(Continued from page 140)

perennials lead a slow life and a steady one, flower in their appointed season, take their appointed months of rest and prefer their nourishment fed them constantly and without stint. Perhaps the most amusing phrase common to catalogs and works on flowers is that so-and-so is a "gross feeder." One has visions of Gargantuan appetites, of obese men gorging themselves. And that picture is generally true. The annual is a quick eater, the perennial, however, usually Fletcherizes.

Plants require sun and air. Why? Because from the air they take carbon dioxide which, mixed with the water from the soil, forms carbohydrates on which the plant cells live. Light is necessary to produce this chemical change, and you will notice that leaves are so arranged on the majority of plants that they catch the greatest possible amount of sunlight. It has also been proven by ample experiment that this process (which bears the ponderous name of photosynthesis!) is quickened by warm temperatures and decreased by cold. So leaves breathe—they take in air and water, working hardest at it in daylight and on warm days, and laying off at night. The waste product, oxygen, passes off through the leaves to the air again.

#### LIGHT AND MOISTURE

Since this is the way the plant assimilates its three meals a day, it is obvious that for healthy growth it requires sunlight, an agreeable temperature and an abundance of water. Consequently you place your gardens where they can receive the light and warmth of the sun and, when rain does not supply enough moisture, you water the garden.

To understand how dependable plants are on the air, look into any city garden where they are poisoned by vitiated and dirty air, where gasoline fumes and soot clog the pores of the leaves. On the other hand, this does not mean that a flower garden should be subjected to destructive winds.

Where a garden is so located that it faces the prevailing winds and there are no buildings or groups of trees to lend protection, it is often advisable to plant or build some sort of wind break. The walled gardens of England and France are ideal in this respect; in this country where a false sense of democracy often prejudices us against walling in a garden, hedges and irregular shrubbery borders serve the windbreak purpose. At the same time they serve to make a back ground for the flowers in the border. Full many a flower is born to blush unseen and waste its sweetness in the desert air without a contrasting green wall behind it. However, caution should be exercised in the choice of material for such a background, because many of the shrubs are robbers and they draw off the nourishment in the soil. The flower border should not be planted directly up against them, but set in protected pockets of the shrubbery.

#### CULTIVATING THE GROUND

Thus far we have touched on air above ground. Air below ground is quite as important. And that leads us to the subject of cultivation.

In the days when the Garden of Eden fable was accepted in its entirety, Adam's original sin had to bear the blame for digging and delving. Perhaps it was the primal cause of it, although we have discovered that there are perfectly simple reasons for cultivating the soil in the sweat of one's brow.

You cultivate the soil to keep it open, so that water, air and nutrients can penetrate it to effect the necessary

chemical changes whereby the food in the soil is conditioned for absorption by the roots. We also dig and cultivate the soil in order to keep on breaking it up into smaller particles. Subsoils, which little or no air and nutrition penetrate, are incapable of sustaining healthy plant life because they are caked and hard. In addition you cultivate the soil to keep down weeds, which take their toll of the nourishment that should go to the plants, and also to create a dust mulch which preserves the moisture in the soil in hot weather. Cultivation is effective shortly after a rain, but not when the soil is wet and sticky.

#### FINE POINTS OF CULTIVATING

Having prepared the soil for a garden or a flower border, you must needs keep working—fork over the ground around plants, run the wheel hoe between the rows and break up the lumps with the rake and the hand cultivator. All flower borders should be gone over at least once a week preferably toward the end of the week so that they will appear tidy for Sunday visitors. They should also be cultivated directly after a heavy rain, so that the dust mulch can be formed on top.

However contradictory it may sound it is true that a mulch of dry dust lying on top of the soil will preserve the dampness underneath better than a soil that has been left to bake and cake in the hot sun. Around some special plants which require a great deal of moisture during their growing and flowering seasons—Sweet Peas and Phlox and Roses after their first flowering—a mulch of leaves or grass clippings can be applied; it will keep the soil underneath damp. This is called summer mulching.

And then weeds.

After your first summer in the garden you grow philosophical about weeding. It is simply one of those things have had to be done. Weeds are a dog in the manger. Leave them to their own devices, and they will snatch all the food and moisture in the soil, grow to enormous proportions, shade, strangle or crowd out your flowers, and harbor insects and fungoid diseases. Their presence is also a tell-tale evidence of slatternly gardening.

#### WEEDS AND WEEDS

Like all the good things in the garden they have their annual, biennial and perennial kinds. The annuals include Ragweed, Chickweed, Crab Grass, Purslane, Nettle, Pigweed, Shepherd's Purse and Russian Thistle. The biennials, which include Burdock, Wild Carrot, Mullein and Teasel, spend the first year of their ignominious existence making root and foliage growth and the second by forming flowers and setting seed to perpetuate their kind. The perennials grow by roots or root stocks, bulbs, tubers and creeping roots; in this class are found Milkweed, Bindweed—the strangler!—Sheep Sorrel, Thistle, Quack Grass and Poison Ivy, Dandelion, Rib Grass and Curled Dock are known as crown weeds because they have a deep, long root, and produce shoots around the top when cut off close to the ground. Weed seeds also have great vitality. And for that matter, the weed plants themselves are like a cat with nine lives. Conditions which would kill the ordinary flower do not even annoy some of the weeds. They are the pariahs of the garden. Centuries of fighting and persecution have toughened them; they have developed the highest efficiency in reproduction and dispersal of seeds. Take the dandelion, for example. Cu-

(Continued on page 146)

## Whatever You Do Don't Put Off Sending For This Catalog of Flower Seeds and Hardy Plants

You see it is like this; last year we had issued a goodly lot of fairish catalogs.

Just fairish—nothing so very different from other years.

So this year we decided not to issue so many, but make the ones we did, something that would be the kind you have long wished some one would make.

In the first place, the print is large and four pages at a time open before you.

Throughout, there is color.

Not the florid, exaggerated tomato-can variety, but delightful sparkles, quite as Dame Nature has a way of doing.

Never before have we given quite the painstaking care to the selection of our flower seeds.



The cover is one of those delightful colorful things which you like to have about. It was done by that wonderful garden artist, Velora Martin.

Never have our hardy plants had quite such abundant sturdy roots—the kind that mean quick growth and plenteous blooms.

Included in its pages are all your old timey friends with just enough new ones.

None of the usual freaks called "novelties," but the thoroughly worth while, recent newer things.

Furthermore, this catalog will save you money.

For example, with every 5 things you buy we slip in two extra at no additional cost.

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We guarantee satisfaction with everything you buy.

If not satisfactory we promptly and cheerfully make it so.

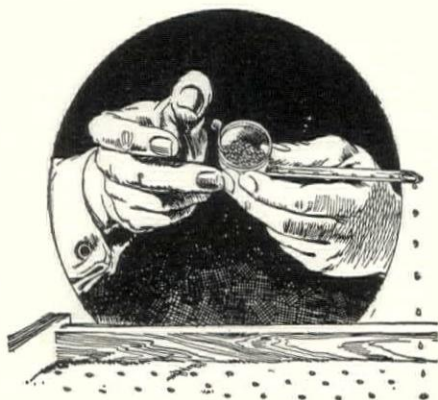
Send for the catalog, that's the important thing now.

**Julius Roehrs Co**  
At The Sign of The Tree  
Box 60 Rutherford N.J.

# THE NEW SCHLING SEED-SOWER

SOWS SEEDS AT A TOUCH

SOWS SEEDS AT A TOUCH



### How it Operates—

A small pear-shaped opening at the bottom of the seed-holder is regulated by a spring, exposing the point of opening only for the finest seeds. This opening can be correspondingly enlarged according to the size of the seeds to be sown.

The seed-sower is held in the left hand with the feeder-tube extending over the back of the hand. A light tapping with the second finger of the right hand on the end of the second finger of the left gently impels the seed through the tube in regular order. (See illustration.)



One Week Later—Here the plants are coming up. Each Separate—No waste of seed—No waste of time or plants.

## The new Schling Seed-Sower

Sows Seeds at a Touch!

Unapproachable in Simplicity of Operation,  
Economy of Time, and Assured Results

THE professional gardener and even more so the amateur has long felt the need of an instrument to enable him to sow the finest seeds—with the same precision and assurance of success as the larger ones.

The new Schling Seed-Sower does this! It appeals to the flower-lover first, perhaps, because of its surprisingly low cost, but once tried, its ease and precision of operation, saving of time, seeds and plants make it indispensable, for it drops the seeds with such accuracy that perfect development of each plant is assured and the trouble of transplanting is minimized.

Here is a perfect device—created for you by one of the most eminent gardeners and florists in the country at heavy expense and years of patient experiments—ready to do for you what has never been possible before.

Its value to you is tremendous—The success of your garden depends on it.

**ORDER ONE NOW! Price ONE DOLLAR**

(Please enclose remittance with order)

Let us emphasize once more its truly marvelous simplicity! There are no gears or delicate mechanism to wear and get out of order; it operates at a touch; is made of practically unbreakable material, and is small enough to carry around in your coat pocket. A careful elimination of unnecessary manufacturing costs and production based on quantity makes possible this remarkable value.

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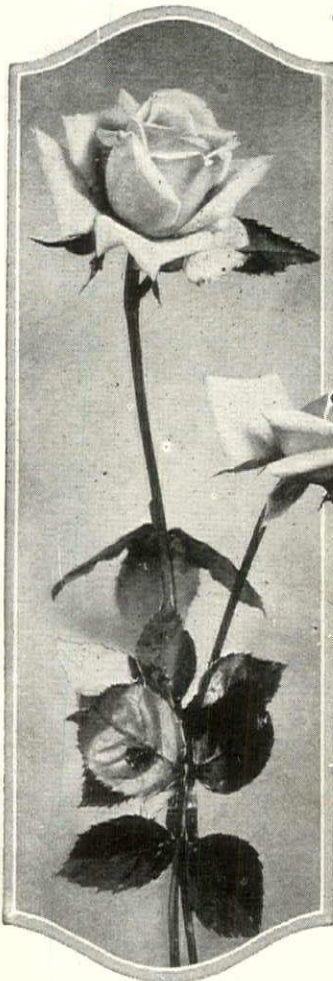
I enclose herewith \_\_\_\_\_ dollars by check, money order, cash for (how many) \_\_\_\_\_ Schling Seed-Sowers, to be sent to me Post Paid.

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As piquant bud or stately full-blown flower, the "Charles Dungee" rose is exquisitely lovely. Velvety petals shade from a warm rose color to the creamy tints of ivory. Long, erect stems bear lightly enormous blossoms. The crisp glossiness of the leaves and long, slender calyx enhance the delicate charm of the flower.

This rose, honored with the name of the founder of our business, was produced in our own gardens by crossing a hardy pink rose with one of the best of the white varieties. The resulting bush is of unsurpassed strength and beauty. It grows in any soil and blooms continuously.

We own and control the entire stock of "Charles Dungee" roses. They can be had nowhere else. It deserves a place in any garden or yard. One-year-old plants, 30c; 4 for \$1.00. Large 2-year-old plants, 85c, by parcel post, prepaid. Extra strong 3-year-old bushes with soil on roots, \$1.25, by express, charges collect.

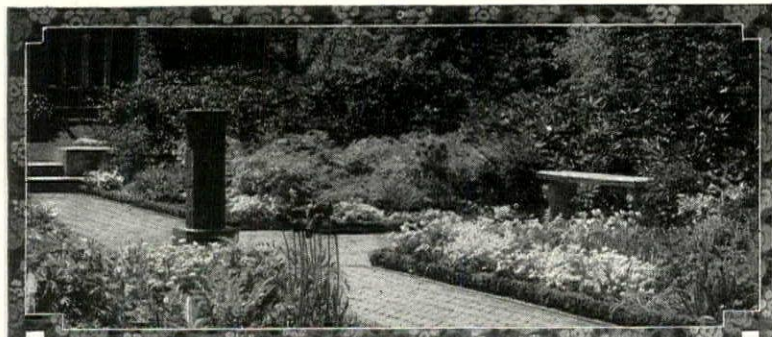
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Illustrates wonderful "Dungee Roses" in natural colors. It's the lifetime experience of the *Oldest and Leading Rose Growers in America*. Offers over 500 varieties of roses and other plants, bulbs, and seeds, and tells how to grow them. Edition limited. It's Free!

Established 1850

70 Greenhouses

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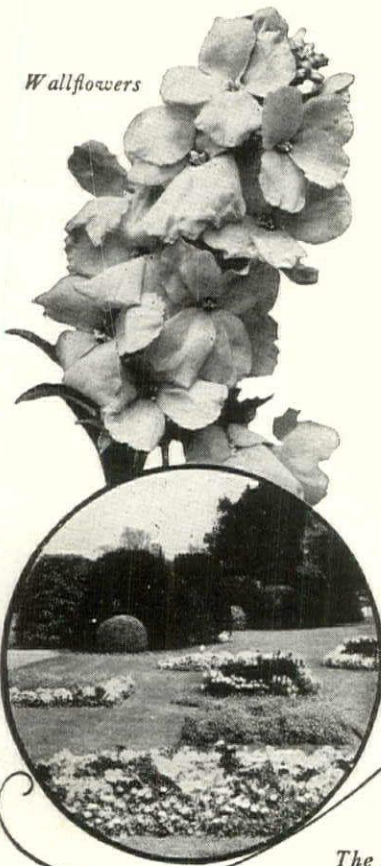
Florists

Landscape Gardeners

## Sutton's Seeds

ENGLAND'S BEST

Wallflowers



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## Sutton's Sons

Royal Seed Establishment  
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READING, ENGLAND

The seed business with a history of 116 years

## Harris Seeds

for your  
Flower and Vegetable  
Garden

### Harris' New Giant Flowered Snapdragons

The flowers are twice the size of other kinds which are called "Giant" and "Grandiflora" and they produce longer spikes. These new Giant Flowered varieties make a wonderful improvement in Snapdragons, being not only much larger but handsomer in every way than the other large flowering kind.

#### Special Offer

Through this advertisement only we are making this special offer. We will send one packet each of the following six colors: Orange, Rose, White, Carmine, Pink and Purple, each in a separate packet, all for 50c.

Our large and complete catalog of Vegetable and Flower seeds and plants together with a little book of culture of vegetables and flowers will be sent with each order. Or the catalog will be sent free if requested.

We are large growers of both vegetable and flower seeds of the highest quality, very much superior to those usually sold.

Send for catalog and buy direct from the grower.

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THE exquisite gladiolus illustrated, "Orange Glory," pictures the wonderful beauty of Kunderd Gladioli. And yet "Orange Glory" is but one of hundreds of varieties originated and grown by me and listed in my new catalog for 1924. Kunderd Gladioli, you know, are exclusive originations. Each new variety is thoroughly tested over periods of eight to ten years before selling, to be sure of its quality. You are assured of something unusually choice with each new introduction.

As the originator of the Ruffled Type, many of the best Plain Petaled varieties, Kunderd Primulinus Hybrids and my latest, the Laciniated Type, in unlimited colors, shades and tints and with the largest collection of gladioli in the world, I can furnish you with the best in new gladioli. You must grow them to appreciate the wonderful flowers they produce.

### *My New Gladiolus Catalog Is Free*

You should know more about these wonderful flowers. Send for my catalog, which will be gladly sent to you free on request. Its greatest value to you is found in the large list of beautiful varieties which it describes, and in my personal cultural instructions showing you how easily you can grow gladioli in your own garden. Most of the varieties listed can be obtained only from me. Illustrated in colors. Write for it to-day.

### *Surprise Collection, \$1.10 Prepaid*

That you may know for yourself the unsurpassed loveliness of Kunderd Gladioli, I am offering this year a special collection in the "Surprise Package"—for only \$1.10 post-paid on receipt of price. Each collection contains 10 named varieties—no two alike—but not labeled. If under label each of these collections would cost \$3.00 or more. Do not send stamps.

A. E. KUNDERD

101 Lincoln Way, West, Goshen, Ind., U. S. A.

*The Originator of The Ruffled Gladiolus*



*ORANGE GLORY*

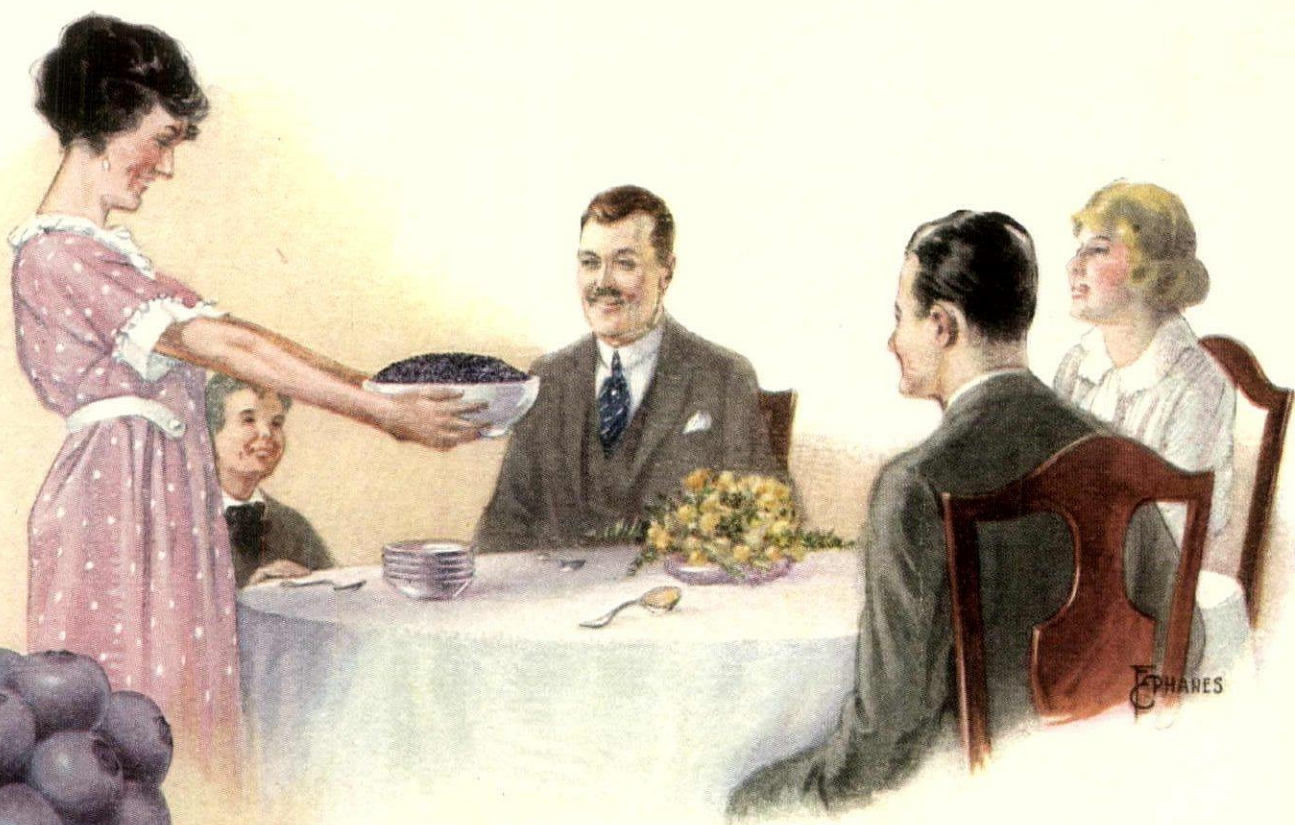
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**Kunderd**  
*Gladioli*

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# Some of Our Own



## “You Can’t *BUY* Berries Like These You Must *GROW THEM* Yourself—

and it’s easy if you get the real nursery-grown blueberry plants. Yes, old fashioned blueberries—just like Dad had on his old farm down East.”

The joy of growing, picking and eating blueberries from your own land—the pride of offering them to your guests—only those who know it can appreciate.

The Mayo Nurseries offer sturdy blueberry plants grown in the heart of the Berkshire Hills. They are hardy, rapid growers and heavy yielders bearing usually the first year—not the ordinary small, seedy huckleberry, but large full fleshed blueberries that taste—well, *delicious*.

A corner of your ground can be filled with blueberry bushes, a pleasing spectacle with their brilliant foliage reddening the landscape till late frost.

*Raspberries*—Yellow, Red, White and Black—new varieties that a few words cannot attempt to describe.

*Currants*—on charming little trees—an ornamental novelty yielding heaps of clean, delicious red fruit.

*Grapes*—extra fine Bearing Age vines with heavy root systems and fruiting canes for quick results.

*Fruit Trees*—Peaches, Pears, Cherries, Plums, Apples and Quinces with wonderfully developed fibrous root systems. These are well grown Trees—soon to bear fruit.

## New 1924 Fruit and Berry Catalogue

beautifully illustrated in colors now ready for gratuitous distribution. Write for it.

This catalogue does not contain a confusingly large number of varieties, but offers a selection of fruit trees and berry bushes which our experience has proved to be the most satisfactory because of their hardiness against climatic changes, prolific yielding, delightful quality of fruit and early bearing.

*To those interested in the beautification of their grounds, our Landscape Service will take entire charge of Plans, Plants and Planting.*

## Mayo Nurseries, Inc.

Nurserymen and Landscape Architects

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# Hitchings Greenhouses



## A Suggestion for You

Over in England, the home of greenhouses, they locate them either directly adjoining the residence, or right handy by, so their pleasures are always available.

It's a good idea, don't you think? Here is an attractive little group that is scarce a half stone's throw away.

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# Beautify your Grounds

this book tells you how —  
*Write for it!*



Coniferous and Broad leaved Evergreens! Shade Trees and Flowering Shrubs! Perennials and Roses. The most complete selection of Ornamental Nursery Stock, grown in the South and suited to the peculiar conditions of Southern soil and climate, is shown in this beautifully illustrated Book.



Dwarf Golden Arborvitae  
 one of the most beautiful of Coniferous Evergreens  
 15 to 18 inches. \$1.75 each  
 18 to 24 inches. \$2.50 each



A fascinating story of the use of ornamental plants in beautifying the home and grounds. Shows many complete plantings, specially priced, that offer helpful suggestions and afford monetary saving. Now is the time to plan and plant. Write for your copy of Catalog J today!



Chas. Ford Estate  
 Lake Forest, Ill.

## Beautify Your Lawns this Economical Way

The finishing touch to an artistic home is a smooth, healthy, velvety lawn. The clean, easy, fast-cutting Jacobsen 4-Acre Power Lawn Mower meets highest approval wherever used. Simple construction. Anyone can easily operate it.

### Does Work of Four to Five Men With Hand Mowers

Cuts a 24-inch swath, at the rate of fully four acres a day with one man and a gallon of gas—*saves time and money*. No other mower handles so easily, does such beautiful work, gives such *long-lasting satisfaction*, as the 4-Acre Mower.

### A Proven Product

The first Jacobsen Power Mowers ever built are still giving satisfactory service after years of service. Has more exclusive, superior features than any other mower.

Reel sharpens under mower's own power; ample power for grades and tough grass; steers easily about flower beds, shrubs, etc.



Learn from this handsomely illustrated book "Lawn Beautiful" how thousands of America's lawns are kept fit and beautiful at little expense with Jacobsen 4-Acre Power Lawn Mowers.

Endorsed by owners and experienced gardeners everywhere.

Our Special Jacobsen Estate Roller Mower is a wonder for especially fine, medium size lawns. *Write for the Free Book, Today!*

Write for FREE BOOK

The JACOBSEN MANUFACTURING CO.

Dept. A, Racine, Wisconsin

# Childs Seeds

Our New 1924 Catalog has been completely rearranged from start to finish. It is filled with helpful suggestions for you. Quality of our stocks and service to our customers rings through every page, bright colored illustrations of the most desirable varieties of Flower and Vegetable Seeds, Plants, Bulbs, Shrubs and many new and interesting features. It will be sent free; a post card will bring it. Send for your copy today.



## New Color Harmony Chart

Everybody naturally loves beautiful coloring, especially in their gardens and up to now there has been no aid for Garden lovers, but at last our new Garden Color Harmony Chart (which cannot be supplied by any other Seedsman) solves the problem of color grouping and is by far the most complete guide for color in the gardens that has ever been worked out.

This wonderful chart with color schemes of gardens, names of practically every known flower under its proper color, and many other helpful suggestions is fully described in our catalog. The price of this chart is \$2.00.

JOHN LEWIS CHILDS SEED CO., Inc.  
 FLORAL PARK, N. Y.

Consolidated with Edward T. Bromfield Seed Co.

# Schling's Flower Novelties for 1924



Indian Summer

N. B.—The Book for Garden Lovers is off the press—full of information and suggestions. Free with first order or 25c the copy.

## Indian Summer

Queen of The Marvelous New American Snapdragons—Truly Regal Both In Size and Color

Indian Summer is a snapdragon whose flower stalks rival the gladiolus in height and vigor with individual flowers over a third larger than other so-called giant snapdragons, and as for color—a rich velvety copper-red, never before seen in snapdragons and indescribably beautiful. You really must have this remarkable novelty in your garden this season.

1 pkt. \$1.00

## Other Novelties for 1924

Absolutely New

- |   |             |
|---|-------------|
| 1. Yellow Annual Sweet Alyssum—Low, compact, spreading habit. Bears profusely all summer its sweet scented golden-yellow flowers. Perfect for edgings and rock-gardens.             | Pkt. \$0.25 |
| 2. Amaranthus Sunrise—Most brilliant of the family. Foliage a rich bronzy-crimson with crown of scarlet. A striking accent in bed or border.  | .35         |
| 3. Single Aster Helvetia—Like a giant Shasta daisy. Long-petaled. Rich and luminous as a crimson star.  | .35         |
| 4. Erysimum Rupestre Aurantiacum—A wonderful bedding or border plant. Flowers from early April to July in profuse clusters of golden-yellow borne above its lustrous green foliage. | .50         |
| 5. Erysimum Orange Beauty—Dense spikes of orange-yellow blooms—easily grown and blooms continuously. Equally effective in the garden or in a vase.                                  | .25         |
| 6. Godetia Azaleaeflora—A charming novelty remarkably similar to the azalea in colors and habit—flowers all season.   | .35         |
| 7. Nemesia Blue Gem—A truly remarkable plant of columnar growth, whose charming forget-me-not blue flowers form a pillar of blue about 18 inches tall—as odd as it is beautiful.    | .25         |
| 8. Digitalis Gloxiniflora Isabellina—A foxglove of purest yellow when expanding, changing to tan later on. Stalks about 5 ft. tall, bearing often 10 to 12 flower-spikes per plant. | .50         |
| 9. Myosotis Isoide Kratz—Largest of the Forget-me-nots—Splendid for pots or outdoors.   | .75         |
| 10. Armeria Fellbach Beauty—A new gem for the rock-garden. Ball-shaped, bushy plants with large flowerheads of soft lilac-rose. A lovely new color.                                 | .50         |
| 11. Eryngium Heavenly Blue Azureum—Very attractive perennial covered with many beautiful thistle-like flowers. Steel blue in color.   | .50         |
| 12. Cosmos-Extra Early Double-Crested—As early as the single and just as beautiful as the late flowering varieties.   | .50         |
| 13. Schling's New Giant Hyacinth-flowered Larkspur—A new strain excelling all others in size and vigor—Often 5 ft. tall.  | .35         |
| 14. Aquilegia Glandulosa Superba—Dark or violet-blue with pure white corolla, delicately beautiful.   | 1.00        |
| 15. Schling's Hybrid Senecios—Long dense sprays of lovely chrysanthemum-like flowers often 2 in. in diameter. Five charming colors.   | 1.00        |

## Recent Novelties Well Worth Your Acquaintance—Don't Overlook Them

- |   |        |
|---|--------|
| 1. Schling's Marvelous New Dahlia-Zinnias—True aristocrats 6 to 7 inches across, like huge Decorative Dahlias. Marvelous blendings of pastel colors in Richest mixture.   | \$0.50 |
| 2. Schling's New Viscaria "Loyalty," with flowers resembling in miniature the wild single rose, of a beautiful rich cornflower blue, plants 8 inches high, bushy and literally covered with flowers.                  | .50    |
| 3. Schling's New Viscaria "Innocence"—Pure white, forming a lovely contrast with "Loyalty"  | .50    |
| 4. The Wonderful Blue Lace Flower (Queen Anne's Blue Lace)—Finely laced flowers of an exquisite blue shade, borne on long stems.  | .50    |
| 5. New Single Star Cactus Dahlia "Stella"—Remarkably attractive, like a starfish in shape, beautiful tints, fine long stems.  | .50    |
| 6. New Bedding Petunia Violet Queen—A rare gem! A real deep velvety violet blue, blooms as freely as "Rosy Morn." Blooms throughout the summer.   | .50    |
| 7. New Bedding Petunia Purple Queen—Exquisite, rich, clear purple, overlaid with a velvety sheen. An entirely new color.  | .50    |
| 8. Cynoglossum Heavenly Blue—A rare gem for your blue garden, 18 inches high, bushy, just one mass of lovely, brilliant blue forget-me-not-like flowers from May until frost.   | .50    |
| 9. Clarkia Double Ruby King—Rich ruby-red flowers resembling apple blossoms, thickly studded along the stem. Exquisite for cutting and bedding.   | .50    |
| 10. New French Double Marigold "Dawn"—Flowers of perfect shape resembling the most perfect Double Pompon Dahlia.  | .75    |
| 11. Gazania Splendens Grandiflora—Beautiful daisy-like 2 1/4 in. diameter, long stems, loveliest color, cream, terra-cotta, sunset, etc.  | .50    |
| 12. New Lilliput Poppy—A sensation, only 12 inches high, constantly in bloom. A lovely daybreak pink.   | .25    |
| 13. Siberian Wallflower—Clusters of bright orange-yellow flowers, borne in masses above glossy dark green foliage—very showy and handsome. Extremely hardy.   | .50    |
| 14. Dianthus Lacinatus Splendens—A charming new strain of single China Pinks—extremely large flowers, heavily fringed. Just right for cutting or bedding.   | .50    |
| 15. Schling's New Double Hybrid Poppy—Gorgeous Pink shaded poppies, deeply fringed and big as peonies. Will last a week in water when cut.  | .35    |
| 16. Northern Lamarkiana—Remarkable new giant yellow evening primrose. Remains tightly folded all day but at dusk flutters open visibly like fairy lamps lighting your way along the path to bed. Curiously beautiful. | .25    |

To reacquaint House & Garden readers with Schling Seeds we offer—The entire collection (a \$16.00 value) for \$12.00

26 West 59th St.

# Schling's Seeds

New York

## PREPARING the SOIL for a GARDEN

(Continued from page 142)

its stem, and the root forthwith develops a large family of new and healthy sprouts; cut up its root, and each piece and sprout from either end or both ends at once. It develops seeds without pollination. It can stand the moisture of a bog and the arid soil of the sandy plain; it has accommodated itself equally well to high mountain tops and the low lying seashore areas.

The best way to get rid of weeds is to discourage them when young. Do not permit them to go to seed. Fork them up root and branch, and throw them on the compost heap or dig them into the soil, where they will rot, thereby turning them from their nefarious practices to actual benefit. The time to start this work is the first thing in spring. When the flower beds are uncovered after their winter's rest and when the plants have come up sufficiently to differentiate between a weed and a flower, all beds should be gone over thoroughly. Since at this season beds are usually top-dressed with bone meal, lime, compost or rotted manure, they can be cleared at the same time of weeds and grass.

### THE IMPORTANCE OF MOISTURE

Rainfall is the ideal means of getting moisture into the soil, but, even the Water Bureau acknowledges that, in growing seasons, when it is most needed, rain is an undependable quantity. Certainly in the far West and in California it can't be depended on at all and irrigation must take its place. In the Middle West, southern and eastern parts of the country atmospheric conditions are a little more generous, but even these should not prevent the gardener from making the proper preparations for watering.

Having had your soil examined, which is the first step in making a good garden, you should next look into the water supply. Is it adequate? Are pipes laid to convenient points in the garden? Is there enough pressure for a good stream or for overhead irrigation.

Nothing so test's a man's or a woman's love of gardening as that discouraging, arduous and back-breaking business of lugging water by hand to a parched garden. It has probably caused more gardeners to take up golf than any one influence. To prevent this (the work, not golf!) see that enough pipes and outlets are provided so that a hose can be attached at convenient points. Where water pressure is low, an electric or gasoline pump can stimulate the force sufficiently for overhead and ground irrigation. There are several excellent overhead irrigation systems on the market.

### WAYS TO WATER

In addition to these overhead systems are numerous portable watering devices—their name is legion—which can be attached to the end of a hose and which spray water in either one direction or over an extended area.

For the watering of individual plants you should also have a good five-gallon watering can, either French or American model, and these should be equipped with both fine rose nozzle and one with larger holes. The fine rose, which delivers very small streams, is useful for watering flats and rows of seedling plants and seeded soil in hot beds, cold frames and trays.

Watering should be done either early in the morning or late in the afternoon and in the evening. The afternoon and evening rule applies to everything but Roses, which are apt to develop mildew if watered in the evening. You should be generous with the water, in fact, profligate at least once a week. Do not

merely waggle the hose over a flower bed, fasten it in a position and go away and leave it for a while—take a walk or read a book; and after a time come back and change the position. If the entire garden can't be watered in one morning or one night, do it in sections. After a good watering or a good rain it is also advisable to stir the soil around the plants to create the mulch which will reverse the moisture beneath.

From this pleasant prospect of a combined course in reading and watering it is a wide leap to the subject of winter protection. I have spoken of summer mulches; now winter mulches. Just what do plants do in winter time and why are mulches necessary?

### THE WINTER PERFORMANCE

That process, learnedly called photosynthesis, whereby the plant makes its own food from the air and the soil elements, is arrested on the coming of cool weather and it virtually ceases when the temperature drops to the bottom of the thermometer. Annuals, of course, die off, their work of setting seed is done. Biennials, which have not yet accomplished their purpose, live on for another year. Herbaceous perennials die down; their leaves, so necessary in inhalation and transpiration, have ceased work. The plant is not dead nor is it wholly dormant, for the business of feeding the cells must go on, but it is in a state of reduced vitality.

Now plants in a state of reduced vitality cannot stand sudden changes of temperature, any more than can human beings. The purpose of the winter mulch is to maintain a fairly constant temperature. It is not to keep plants warm, but to keep them cool. At the slightest rise in temperature they respond, and you don't want them to respond; it isn't good for them! The occasional warmish days of winter have the same effect on dormant plants that restlessness has on children who are supposed to be asleep. Then, too, these occasional warmish days cause thawing and heaving of the soil and the plants are rooted up—just as restless children kick off the covers.

### PROTECTIVE MULCHING

In some instances winter protection is a direct safeguard against extreme cold, which would kill the plant. This is especially true in the case of Roses, which are surrounded by mounds of earth in winter, and in such types as climbing Roses which are sometimes laid flat on the ground and covered with leaves or sacking. Another type of winter mulching is that which protects ornamental Evergreens from the destructive weight of the snow; the bushes are wrapped with burlap and straw.

There are several variations in the method of winter protecting certain plants. After the killing frosts have reduced the plants to a withered chaos, go over the bed with a sharp sickle and cut all foliage off above 4" above ground; this should be burned lest it harbor diseases. Then wait until the ground freezes hard. After that it is safe to put on the mulch which will keep the ground frozen.

The mulch may consist of leaves (those from hard maples and oaks are considered especially desirable) straw, strawy manure, marsh hay or evergreen boughs laid over the beds to the depth of 8"-12". Boards, boughs and corn stubble can be thrown on top to keep the mulch in place. In the spring, after severe frosts have ceased, remove the mulch. Then the warmth and light of the sun rouse the plant to put forth leaves and to go to the work of making food again.

# A Rainbow Garden of Vaughan's Gladioli

GROWN on our farms in Central Michigan, where long days, cool nights and friendly soil unite to produce brilliant coloring and healthy vigor. Each bulb contains flowers which will blossom for you. We choose our famous **Rainbow Collections** from the finest named varieties. Planted from May 1 to June 15th, large bulbs will flower in about twelve weeks. If you can grow but one flower, let it be this. It is surest to grow, lasts longest when cut, and presents the widest color range in flower beds and borders.

## Vaughan's Rainbow Collections

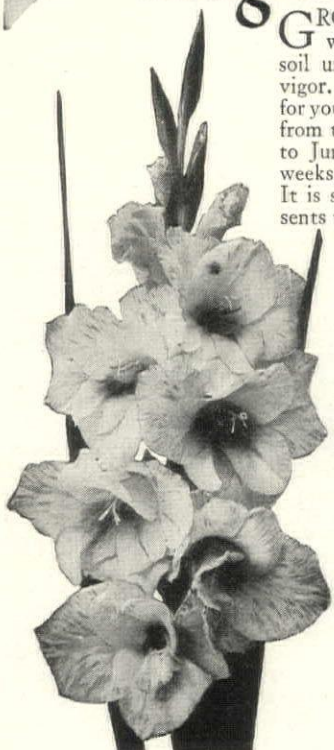
all large bulbs 1¼ to 1½ inches in diameter prepaid to 600 miles from Chicago or New York.

- H-1—13 best kinds each different.....\$1.00
- H-2— 3 sets of H-1 (39 bulbs)..... 2.50
- H-3—100 bulbs of twenty varieties.... 5.00
- H-4—**Homewood Collection** 50 medium bulbs, all of flowering size though blooming later, not less than 5 colors..... 1.00

If you live more than 600 miles from Chicago or New York, add 10 cents for each dollar's worth ordered.

For the admirer of the gladiolus we list the most complete collection of named varieties offered in the world—all grown on our farms where we have 1,500 varieties. Ask for our catalog.

*Vaughan's Gardening Illustrated for 1924* which describes and illustrates everything desired or needed for the garden. Sent FREE.



**VAUGHAN'S SEED STORE** 41-43 Barclay St., New York City  
10-12 W. Randolph St., Chicago



## A Few of 77 Evergreen Varieties The Part You Don't See

When you buy an Evergreen or Shade Tree you study its symmetry and beauty. But you seldom examine the root systems. Yet the most important part of the tree is underground. Realizing this, we long ago established a thorough system of transplanting which controls and invigorates the root system. This is one reason for the notable success of Rosedale Trees in the grounds of our customers.

Our large Evergreens produce at once the effect you desire, saving years of tedious waiting. Our Broad-leaved Evergreens include many noted for their beauty of bloom—Mountain Laurel, Rhododendron, Azeales, etc. "All the trees arrived in good condition," writes Harry Harkness Flagler, Dutchess Co., N. Y., "and they are certainly splendid specimens."

### Yes, There's a New Catalog

Our Catalog accurately describes Evergreens (over 70 varieties), Shade Trees, Flowering Shrubs for succession of bloom, Fruit Trees, including bearing-age sizes, Roses and Hardy Perennials. A postal request will bring it. Write today.

Tell us your planting problem, we will gladly give you the benefit of our long experience.

# ROSEDALE NURSERIES

"Outfitters for the Home Grounds"

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Tarrytown, N. Y.



## Improved European Filberts

### Beautiful Shrubs and Real Nut Producers

Hardy and adapted to the more Northern states—these beautiful plants fill an important place in ornamental plantings and nut borders for Walks and Drives.

Other Hall Specialties are:

### Silver Lace Vine (*Polygonum Aubertii*)

The fastest growing climbing vine known—(splendid coverage the first year).

### The New Dwarf Privet

Only 1½ feet high—ideal for edgings where the ordinary hedge is too high.

### New Everblooming Rugosa Rose

Shown in natural color in our catalog. For mass and hedge plantings—(not for the rose garden).

Clusters of beautiful bright red flowers resembling bunches of red carnations. Very double with petal edges serrated and with the beautiful deep green, healthy foliage characteristic of the Rugosa Rose. Blooms continually from early Summer until frost.

These are only a few of our specialties. Many others are illustrated in full color in our Free Catalog. **Send for Catalog today** and find out about our splendid assortment of Fruit and Ornamental Trees, Shrubs, Roses, Berry Plants, etc.

L. W. HALL COMPANY, INC.

497 Cutler Bldg. Rochester, N. Y.

Send for free Catalog of

*Splenaud Nursery* Stock of all kinds



Everblooming Red Rugosa

## For That Flower Garden

To grow flowers, lots of flowers, is the greatest ambition of home lovers. And this worthy ambition is easily gratified if you but exercise caution when buying the seeds, bulbs or plants that are to bring you flowers. For 86 years it has been the main object of the House of Dreer to help its customers get the most out of every cent invested in the material that makes the garden grow and bloom.

## Dreer's Garden Book

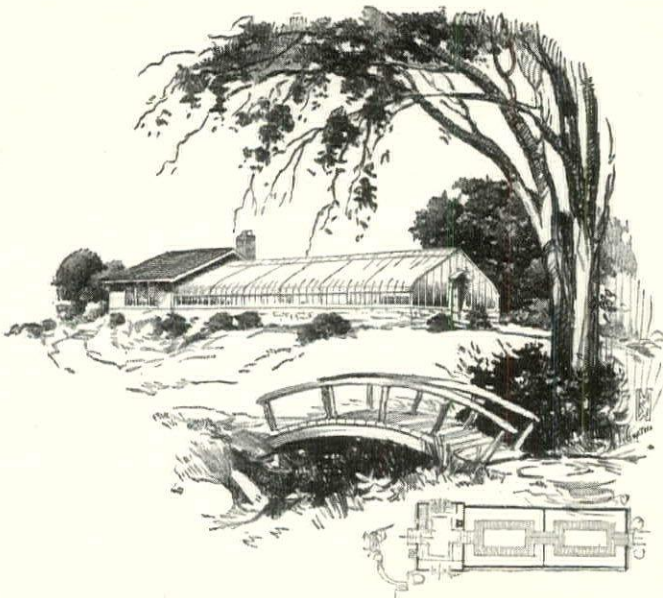
*America's Foremost Guide to Better Gardens of All Kinds*

Experienced gardeners have helped us to make it truly a mine of information on all topics pertaining to gardens. Whether you are interested in better vegetables, choicer flowers from seeds, bulbs or plants, you should have Dreer's Garden Book.

Recognized in thousands of garden homes, as a veritable encyclopedia of gardening. With 224 pages freely illustrated from photographs, plus eight full color pages showing vegetables and flowers true to nature, you will find it to be a great help to better gardens. Gladly mailed free on request. Please mention this publication.

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Philadelphia, Pa.

# Glass Gardens



## So Now Let's Talk About Your Glass Garden

LET'S talk over that Perpetual Garden of flowers you have so long seen in your mind's eye.

Let's see if the location you have been thinking of is the best one.

Let's see if we can't take your idea and make it yield even more joy than your fondest anticipations.

Having done it so many times for others, the chances are we can do it rather satisfactorily for you.

The fact that we have been building greenhouses for over half a century holds conviction.

To our printed matter you are, of course, most welcome.

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## VARIOUS VINES

(Continued from page 88)

be mistaken for untidiness. When they begin to clip and shear such a vine into trim borders and stiff bands they not merely destroy the beauty of its natural and carefree growth but deprive it of its flower and fruited wealth.

In planting roses upon a wall, do not limit yourself to one variety. Endless festoons of ramblers make vulgar display; one variety produces deadening monotony. With the intermingling of varieties comes the joy of change. Our hearts respond to a fresh thrill each time we catch the significance of a new variation of shade or color, of single or double blossom. Better still is the use of roses when they are mingled with other vines, for then their blossoms can show to best advantage amid the varied foliage.

### NOT TOO MANY ROSES

The quantitative use of roses is the frequent pitfall of over-enthusiasm. A few roses may, through very choice-ness, be more beautiful. Any over-emphasis of June bloom, too shows a neglectful forgetfulness of the garden in other months. Therefore, we should have Clematis and Grape, Wistaria and Trumpet-vine, Akebia and Turquoise Berry, Honeysuckle and Actinidia for our wall coverings. First we should have this host of vines for the flower display in all varied loveliness, then, for the foliage effectiveness in subtle variety of texture and shade and shape, and last for fruiting charm. Do you know the shining black berries of the Honeysuckle, the curious little bishop caps of the Evonymus, the large orange-toned hips of the Gardenia Rose, the Bittersweet, the wondrous blue of the Turquoise Berry which is loveliest of all?

Do not forget to put *Rosa wichuraiana* in your vine garden. Plant one at the top of a high, high retaining wall, for so I saw it once when its white blossoms fell in a veritable cascade from the top to the very bottom. Then, too, there are places where many *Wichuraianas* can be gathered together. No vines, I believe, trail over level ground and slopes quite as lovingly as the *Wichuraiana*, nor is there another vine quite so happy for such usage in and out of flower. Its small leaves are very attractive. When I use *Wichuraiana* Roses on a terrace slope I like sometimes to use the Scotch Rose. *Rosa spinosissima*, as a hedge at the top, for the two are charmingly similar in flower and in foliage. For the joy of contrast I like to plant a Silver Moon with them along the side of the terrace steps.

### VINES ON WALLS

This use of vines by the side of steps so that they fall over the edges in tumbling masses is not limited to Roses, to be sure. When the steps have copings, the vines have a way of decorating them with growing traceries. Often, however, when vines trail over the sides, copings seem quite unnecessary and can be happily omitted. This is particularly true for dry laid steps of field stone or flagging. It is best, then, to make the steps quite wide—wider than the walk—to allow for this naturalistic coping.

For this usage, it is best to plant the vine at the top of the slope and let it trail downward. Whenever it is possible, for walls as well as slopes you will find that vines are very much happier when they are allowed to tumble and trail at their own sweet will than when they have to be trained upward. This is particularly true with vines that have no way of fastening themselves.

Of all the ground covers, Honeysuckle is the most luxuriant, for it builds itself up upon its own wood in tumbling masses and starts new little plants wher-

ever its stems touch the ground. On the other hand, Myrtle is a delicate ground cover, happy in shadiest places, while the Matrimony-vine tumbles luxuriantly in more rugged ones.

Ivy seems a vine in a class quite by itself. Few vines have such decorative foliage. Small wonder that the Cathedral builders often twined the capitals of their slender and aspiring columns with Ivy leaves of stone and perpetuated their beauty for future generations. The glossy texture and evergreen quality of its foliage fitted it to be twined in to the poet's laurel wreath in Italy.

Ivy is a very old plant. In Egypt it was sacred to Osiris, the god of the underworld. Even now it is sacred to death, spread solemnly over graves. I like better to think that Ivy was also sacred to the wine god of Greece, where he was the God of joy and merriment. His staff was twined with Ivy. So I like to see Ivy used in gardens today merrily intertwined with Myrtle and Violets and Christmas ferns as a ground cover under Laurels and Rhododendron, under Azaleas and Birches, Dogwoods and Pines. It is happiest in the shade. In England we find it growing wild in the woods just as we find the Virgin's Bower in ours, and in Versailles I have seen it planted as a ground cover in the wood enclosures of the gardens.

### THE LOVELY CLEMATIS

Next to the rose, the most distinguished vine is the Clematis. What a hobby it would be to collect its many kinds! How precious is the wild Virgin's Bower of our woods. How luxuriant is the commoner white *Clematis paniculata* of our late summer gardens. I think I like it best when its wealth of starry blossoms has turned into gracious silvery fruit. The great Jackmanni is too familiar except for a passing comment on its great purple blossoms. It is a noteworthy forerunner of many beautiful varieties of its kind. There is, too, the wondrous *Clematis montana* with such delicate and precious blossoms. To be the most wonderful of them all is *Clematis Henryi*. I saw it but once and yet each recurring memory of it has a thrill. It was in a garden beside of border of blue flowers. Forget-me-nots crept over the gray stone walk, *Linum perenne* was scattered lightly through the foreground in soft filmy masses. In back, there were occasional spikes of light blue Larkspurs and every now and then groups of Anchusas. The tints of the flowers were ever so light and soft, their modeling ever so delicate, the play of light and shadows ever so elusive as if the border were but a delicate suggestion of color. And, as if to show how really ethereal this effect was, a *Clematis Henryi* had flung a branch of great star-shaped white blossoms over the balustrade near by. Such assembling of flowers and vines shows the finest understanding of garden loveliness.

### LETTING VINES GROW

There are some places where the very abundance of vines is a veritable joy—cottages embowered in rose climbers; summer houses wreathed in vines; walls whose very existence depends upon the vines that grow over them. The more vines the merrier, with all the many kinds wreathing and tumbling, climbing and soaring together in intermingled masses. The flowers make delicate patterns amid the encircling green. Then, too, the foliage has a chance to exhibit its special characteristics amid contrasting leaf shapes and textures.

On the other hand, it is especially worth while to understand that there are

(Continued on page 150)

# Lovett's

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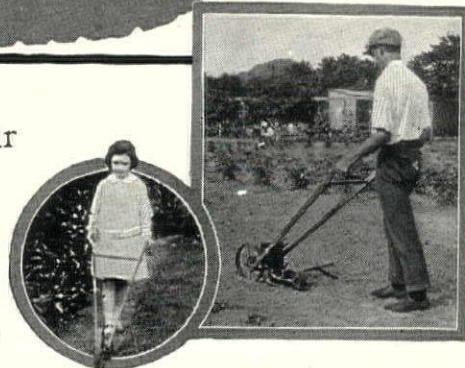
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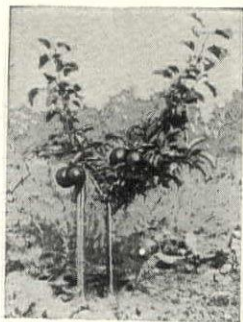
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Dwarf Apple Tree  
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(See adjacent letter)

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Dear Sir:

I am enclosing a picture of the dwarf Scarlet Beauty apple tree I purchased last year which was set out in June and was in bloom the following month, July. This year it was in full blossom and matured seven beautiful apples which weighed three pounds. The tree as you will notice in photo is only 30 inches high. The Cheresota dwarf plum had a dozen or more plums also the first year after planting.

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## Blueberries

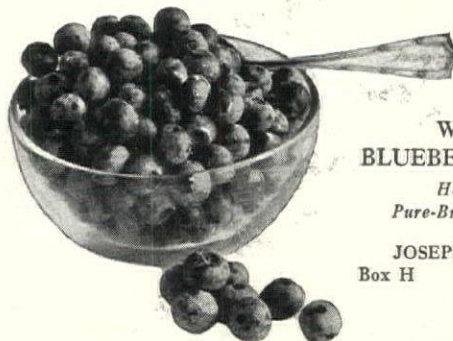
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Whitesbog has glorified the old-fashioned blueberry into a new and most delectable garden fruit. Each variety has been carefully selected and tested—each is named.

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JOSEPH J. WHITE, INC.  
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## VARIOUS VINES

(Continued from page 148)

vines particularly adapted for every structural requirement. When a structure is architecturally interesting in itself, then the vine should be considered as a decorative element of its beauty. A balustrade will be all the more gracious for the delicate vine that trails over it, a column will be all the more beautiful for the climber trained about it, a lattice or trellis all the lovelier for the plant traceries upon it, while pergolas and great stone walls love the heavy leaved, strong growing vines like Wistaria and Actinidia, Polygonum and Grape that cover them.

## THE DANGER OF OVERGROWING

To emphasize the vine, however, at the expense of the structure is wilful indeed; to spoil the architectural beauty of a wall, for instance, for the sake of its covering, or to obliterate a beautiful house portico or entrance porch with even as glorious a vine as a Wistaria—as I have seen it done all too often with ruthless thoughtlessness—is surely playing false to appropriateness, that highest axiom of proper planting.

Quite the very best vine for heavy structures is the Grape with its many flowering varieties. Quite the most useful for this purpose, is the common Concord, when it is allowed to grow for its foliage instead of being pruned for its fruit.

The most interesting of all the heavier vines is, surely, the Wistaria, whose gracefully drooping floral beauty wins our admiration. For a really picturesque and oriental effect it should be trained horizontally so that its falling racemes are arranged in unbroken linear masses. Then, the delicate charm of its flower color shows against the subtle gray of its still leafless stems. It is often seen in this fashion in Japan where it is trained along the eaves all around the house. I have seen it twice used with especially fine effect in this country. Once it was trained horizontally upon a gray stucco retaining wall with a Boxwood hedge above and luxuriant green below. Again, I saw it trained along a simple sturdy support where its wondrous blue was silhouetted against the delicate tracered boughs of pink Dogwood blossoms in company with Lilacs and lavender Irises in a great and beautiful old garden.

## FORMS OF WISTARIA

Wistaria is sometimes found trained as a standard in bush form when its rampant growth is kept in check. So it is sometimes found in fine gardens making admirable accents. We find it more often, however, with one thick main trunk knarled and twisted, clambering up three full stories and over the roofs of old houses. There is a wonderful intimacy about such a vine despite its exotic characteristics and foreign birth. Few can resist its fascinations even at the expense of the house itself. When I once saw one removed from a picturesque shingled house where it had grown really quite out of bounds, it seemed like a veritable sacrilege and I have never quite forgiven the people for this desecration. The oldest Wistaria I have seen was at Norwich, Conn. How rugged and twisted it was! Its great arm had taken hold of a wooden column and like a great boa constrictor had wrapped itself around it and drawn it from under the porch roof and away from the floor. It held the column even then within its firm embrace, for the hearty octogenarian who planted it had a new column put up in place of the old.

A less familiar vine of arresting beauty is the climbing Hydrangea. There are two vines with this common name. One is *Hydrangea scandens*, the other is *Schizophragma hydrangeoides*. The latter

is the more interesting of the two. It is a strong growing vine and will cover an entire wall surface in a short time. It is most effective when the vine is carefully trained and when its rich green foliage is spread out flat against the wall. Its flowers are decorative, too, for the vine seems studded in its season with large flat cymes of white blossoms.

For years I have thought of *Jasminum nudiflora* as a delicate and tender vine, for so I have usually seen it as once when it was blooming untimely in a warm December against a sunny wall in Providence, Rhode Island. This spring I saw it again against the wondrous gray of university buildings at Princeton—an altogether surprising and unexpected sight, for great sheets of delicate yellow blossoms held an entire side of a building in a fascinating effect as if it lay in mottled sunlight all through the day.

## A CLIMBING SHRUB

Plants have a way of surprising you in the way they will grow. This reminds me of a *Forsythia suspensa* I saw this spring. It was climbing quite in the manner of vines, two stories high over an entrance porch. It was in dense shade—a spot that had been the despair of its gardener owner and yet it was the most fascinating shower of golden blossom wealth.

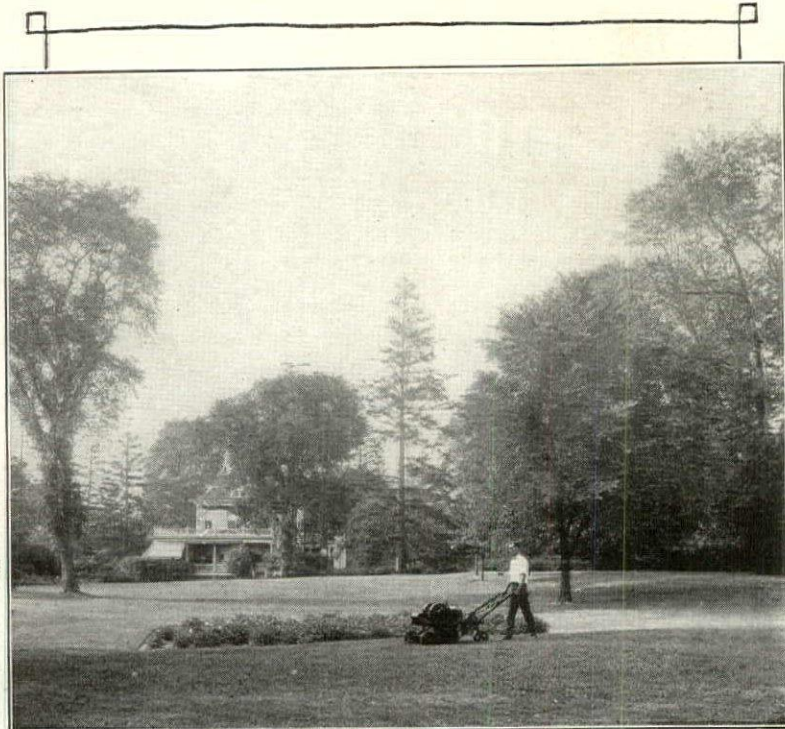
Of special interest is the *Evonymus vegetatus*. Of all the many varieties of the genus, this is the best in every respect. It is very happy for nice usage—appropriate for the most dignified brick house, for instance. On the other hand, it makes fascinating ground covers; it will grow rampantly over rugged walls or climb triumphantly high upon a chimney, flinging out its woody branches in numerous tiers of glossy foliage. I saw the *Evonymus* growing so upon a chimney somewhere in Brookline, Mass. years ago, and at every mention of its name the memory of it comes back with renewed interest.

Brick, stone and stucco houses, especially those that are informal in character, lend themselves best to vine coverings. I always remember with special charm a house near Philadelphia. It was suggestive of the large English houses with its long irregular plan, its series of mullioned windows and its many-gabled roof. All along the front was a hedging of clipped Boxwood with a few unclipped Boxwood bushes in the corners. Honeysuckle, Ivy and Evonymus crept up its stucco walls, and a pink climbing Hybrid Tea Rose reached the second story window above the rough stone that formed the stair well.

## VINES ON WOOD

White clapboarded houses of Colonial traditions seldom adapt themselves to vines, but shingled houses of clumsier proportions and more rugged appearance sometimes welcome vine coverings. Their stair rails can be wreathed in vines, the porch railings festooned with them, even the columns can be garlanded with vines. When these older houses have high cellars with lattice enclosures, intermingled vines make better effects than if the foundations are smothered with shrubbery. I had such a problem once and I was surprised at the effect, for intermingled Honeysuckles and pink Ramblers, Grapes and Clematis and Bittersweet with a few shrubs in special positions molded the house into its garden setting. The Bittersweet was particularly successful in dense shade. One set of stair rails, in the sun, was garlanded with Dr. Van Fleet Roses and Polygonum with its feathery white summer bloom, while the other pair, in the shade, had Turquoise Berry vines on them.

(Continued on page 152)



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**NEW ENGLISH IRISES**  
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which have increased sufficiently so that I can offer a few plants of each at very substantial reductions, many at 10 per cent of the original high prices. Every Iris lover will want them; no Iris garden will be complete without some of them. Send for a list of varieties available for distribution.

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**Spring Surprises in the Garden**

It won't be long before you will be looking for the first flowers of spring—pussy willows, snowdrops, forsythias. You will have some joyous minutes, too, when you find that the new plants and shrubs set in winter are full of life and breaking into leaf and bud—*particularly happy will you be if these new plants are from Hicks Nurseries.*

A recent visitor, who has carefully studied our list of plants, told Mr. Hicks that we had *more rare and unusual plants* than any other firm of his acquaintance. So we began to check up the list—here it is:

New type of Yew (*Taxus cuspidata Hicksii*), *Berberis aristata*, *B. gagnepanii* and *B. verruculosa* (Evergreen Barberries), *Cotoneasters* in variety, *Lonicera Henryi* (which Prof. Sargent says is the best hardy evergreen vine), *Galax aphylla*, *Cornus dunbari* (Dunbar's Dogwood), *Enkianthus* (Japanese Bellflower), *Evodia Styrax obassia*, *Symplocos* (Turquoise Berry), *Ledum* (Labrador Tea), *Kurume Azaleas*, *Abelia*—but why go on? Wouldn't it be better for you to come to the nursery and see these rare plants?

Drive Out Some Day  
Over Snow-clean Roads

All evergreen vines, shrubs and trees are just as beautiful in winter as in summer, and almost any day you can get about the nursery without difficulty. Long Island is warmer than the mainland.

Our catalogue comes next to a visit. This describes all the rare plants named, tells about Hicks' big shade trees and evergreens and how they can be moved at any time. Plan to visit the nurseries—but get the catalogue anyway.

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THIS beautiful, new emigrée from a land of mystery and romance has been welcomed with open arms by the few who have seen it and is destined to be a highly prized permanent resident in the hardy-perennial bed of the flower-lover.

Its golden clusters of an exquisite orange yellow are borne in profusion all summer above a crown of closely tufted, glossy dark green foliage and when massed against a harmoniously contrasting color background such as Delphinium Belladonna or Phlox Miss Lingard, the effect is gorgeously beautiful—a true highnote for your garden! Blooms the first year; averages 15 inches in height, and will survive the severest winter—What more could one ask?

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One dozen \$5.00. ½ dozen \$2.75. (Postage and packing included.)

DANBURY ROAD **Outpost Nurseries** RIDGEFIELD, CONN.

N. B.—May we put you on the list for our New Spring Bulletins?

## VARIOUS VINES

(Continued from page 150)

What a rich store of vines there is and how they adapt themselves to every place and use! I seem to have just begun my mention of them all. I would not want to forget, for instance, the annuals vines, the decorative Morning Glory, the delicate Cobea, the gay Nasturium the brilliant Scarlet Runner. I should not want to overlook the Gourd, for this seems to me the clown of vine-dom, imitating as it does in grotesque manner other fruits.

But, there are still other vines, the

Woodbine and Virgin Bower, the Grape and Bittersweet that like the woody places, and even the shiny Cat-brier and the Blackberries that run riotously in still wilder spots. One spring I saw the Blackberry in joyous tangles, overlaid with gray-white blossoms, and I do not know when I have seen any vine that seemed to me more refreshing more luxurious, more picturesque, more appropriate to the wild, untramped countryside. I should like all vines as luxuriant and as appropriately placed,

## RASPBERRIES FOR EVERY REGION

(Continued from page 87)

so-called everbearing sorts; it produces as much as 15% of its crop in the fall under favorable conditions. Among European varieties, Surprise does well in California, and Syracuse is being advertised in the East but lacks hardiness. The list of desirable red Raspberries is small.

When it was discovered that black Raspberries could be dried, about 1850, and with the advent of the Doolittle named by its discoverer, H. H. Doolittle of Oaks Corners, N. Y., the black Raspberry industry began. Prior to this in 1832 Nicholas Longworth of Cincinnati transferred a wild plant to his garden and named it the Ohio Everbearing; it was long a standard. The black Raspberry grows wild over much of the United States and no plant possesses greater possibility of improvement. It has one great handicap: it is subject to disease, especially Anthracnose, and the hunt must be for plants possessing immunity to this disease.

Black Pearl is one of the hardiest and most productive early black Raspberries and is of good quality. It endures cold climates and droughty conditions. It was discovered by chance by Herman Krumris, St. Joseph, Mo., in 1905 Cumberland is an excellent, hardy good quality berry but is so subject to Anthracnose that it is losing favor. Gregg is too tender for Northern climates and is subject to all the ills to which black Raspberries are heir. Plum Farmer is highly regarded for Eastern conditions. Scarff is described as producing the largest of berries and of excellent quality. Diamond, Doolittle, Eureka, Kansas, Ohio, Soughegan and Tyler are all passing from one cause or another.

The Purples and Yellows are hybrids between red and black Raspberries, and while there have been some thirty varieties in cultivation, Columbian is the one outstanding sort. A wild plant, found near Philadelphia in 1835 and named Philadelphia, was the first variety in cultivation. Cardinal, originated in 1895, is of value in the Central West mainly on account of its ability to adapt itself to variable climatic conditions. Royal Purple is worthy of trial for a late variety.

Yellow and white Raspberries are found growing wild in many places, but Golden Queen is the leading variety. It is a yellow Cuthbert and was found in a field of Cuthberts by Ezra Stokes, in Camden County, N. J. in 1882.

By this time the reader will be impressed by the fact that most of the varieties in cultivation have been "finds." There has been little systematic work in the breeding of Raspberries until recent years, but the work now under way at some of our Atricultural Experiment Stations, as the one at Geneva,

N. Y., is so well started that the future is most promising and an entirely new list of varieties may be looked for in the next two decades.

Red Raspberry plants are suckers which come up from the roots of the parent plant. A piece of the horizontal and fibrous root should accompany each plant.

Black Raspberries are usually propagated from tip-layers; that is, the tip of the cane is bent down to the ground in August and covered with soil. It roots by fall, when the plants may be taken up and held until spring.

Purple Raspberries may be propagated from suckers or by tip-layers depending on the variety.

New varieties are usually secured from sowing seed.

For planting, select strong plants, in either fall or spring. In the North, spring planting may be advisable unless the plants are covered with soil for the winter. In the case of red Raspberries, suckers may be planted when in full leaf if a dull, damp day be taken and the plants handled carefully, but usually early spring planting is advised. Red and purple berries are usually set out in rows 6' or 7' wide with plants 2' to 3' apart in the row. Some prefer to plant in hills 5' x 5', which produces the finer fruit; in other words, 20 to 25 square feet of space per plant. Black Raspberries are given more space, often 30 square feet, as rows 9' and plants 3½' apart. A rich, sandy loam is the soil usually preferred, although they are grown on all soils from sand to clay, provided they are rich enough and free from weeds.

As soon as planted, cultivate. Let tillage be shallow at all times, that is, less than 2" deep. If roots are cut suckers may start on red Raspberries and these drain the energy from the plant and reduce the yield of fruit. Truck crops such as lettuce or other vegetables may be grown between the plants during the first year. If one is short of manure, tankage is an excellent fertilizer to use, as much as 500 to 1,000 pounds per acre or 6 ounces to 12 ounces to a plant, and nitrate of soda may be applied when the berries come into bearing, applying two to three ounces per plant as soon as the berries have formed. Scatter the fertilizer over all of the land, for the roots soon fill the soil.

Remove all the old canes as soon as they are through fruiting. This will eliminate a lot of disease. In the case of red Raspberries, thin out surplus canes to 3 to 5 per plant or about one per foot of row early in spring and shorten them back to say 4'; if the soil is poor, cut back to 3'.

In the case of black Raspberries pinch the tips off the new canes when they

(Continued on page 154)



The prize-winning Columbia or the White American Beauty—the yellow Sunburst or the soft pink Radiance—no matter what the variety—every Conard Star Rose will give beautiful blooms or we refund your money.

Why run the risk of getting roses that have been dug carelessly, stored poorly, then neglected and packed poorly—with vitality so reduced as to make weak growth, when you can have genuine Conard Roses without extra cost. They are guaranteed as **no other roses in America are guaranteed.**

Every Conard Star Rose plant has a durable star tag which tells the name of the growing rose in your garden and is the constant evidence of our guarantee.

Write for 54-page illustrated catalog. Free, showing roses for every place and purpose.

CONARD & JONES CO., Rose Specialists  
Robt. Pyle, Pres.  
Box 126  
WEST GROVE, PA.

PREMIER ROSE

**CONARD STAR ROSES**  
Guaranteed to Bloom



# Green's Trees Shrubs, Vines

The Careful Planter's  
First Choice



C. A. Green and his Nursery Company has for nearly 50 years enjoyed an enviable reputation for fair dealing. Green's stock grows because it is hardy, vigorous, full-rooted, Northern grown. Only the best varieties offered. Guaranteed true-to-name. Sold direct at money-saving prices. That's why they are the careful planter's choice.

### Green's 1924 Specialties

**McIntosh Red Apple:** beautiful, early winter apple of finest quality. Tender, crisp, juicy, rich in flavor. Dwarfs or standard. Should be in every garden.



**Dwarf Bartlett Pear:** Big, luscious fruit with melting, buttery flavor. Generally bears the second year. Fits in any size garden.



**Coco Grapes:** "The finest of them all," say growers. Of Catawba-Concord parentage with the good qualities of both. Bunch of good size and form. Vigorous grower, prolific bearer. Rich, red, sweet wine with abundant bloom.



### Get Green's 1924 Catalog

Contains the best of everything for fruit garden and home beautiful; city lot or big estate. A valuable hand-book of interesting information on growing things. Write today.



**GREEN'S  
NURSERY CO.**

2125 Green Street  
ROCHESTER - N. Y.



from NURSERY to You

# Bobbink & Atkins

VISIT



NURSERY

This year our descriptive New Rose Catalog, revised and enlarged, is more complete than any rose catalog which we have ever offered to Rose Lovers. It is replete with illustrations and descriptions of the largest and most complete collection of Roses in America. Seventy-five varieties of Roses are portrayed in color.

A copy of this complete Rose Catalog will be mailed to those who intend to plant roses. Ready to mail in February.

We grow and have ready for delivery several hundred thousand rose plants in several hundred varieties. All are two-year-old, low-budded, field-grown plants.

In our 500 acres of Nursery, we grow everything for the complete planting of every style of garden.

- LILACS
- EVERGREENS
- JAPANESE YEW
- HARDY AZALEAS
- RHODODENDRONS
- TREES AND SHRUBS
- ROCK GARDEN PLANTS
- FRUIT TREES AND BUSHES
- BROAD LEAVED EVERGREENS
- AMERICAN AND JAPANESE HOLLY
- GIANT FLOWERING MARSHMALLOW

The above are described and priced in our Special Pamphlets. Please state in what you are interested.

Let us have your list of wants for prices.

Nurserymen & Florists

Rutherford

New Jersey



ONE of the greatest garden joys is a pool or tub of fragrant Water Lilies. From June to early autumn you can revel in their marvelous colors—crimson blue, lavender, yellow, white. From mid-day to mid-night the lily pool is the magnet that draws all garden visitors.

## WATER LILIES COMPLETE THE MODERN GARDEN

Without them the garden is bare indeed. They are so little trouble that even the tiniest yard can have one or two in a tub—water, sunshine, and a little soil is all they ask.

My 1924 catalog will tell you how to have these charming plants and flowers; names the best varieties of day and night bloomers, and those that are hardy and tender. Send today for a copy.

**WILLIAM TRICKER**

Largest Grower of Water Lilies in America  
662 Forest St. Arlington, New Jersey

# G & R Hardy Roses

On their own roots. Sure to bloom. True to name.

## RAINBOW COLLECTION

5 Hardy Roses. Different Colors.

- Radiance**—brilliant rosy carmine
- Wht. Maman Cochet**—creamy white.
- Red Radiance**—deep red
- Sunburst**—golden orange
- Crimson Queen**—bright velvety crimson

Mailed Postpaid to any address. Guaranteed to reach you in good growing condition. **\$1**  
All G. & R. roses are grown in large quantities, which enables us to sell them at moderate prices. Over four million roses sold by us last year.

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- 4 Decorative Ferns—Assorted varieties... 1.00
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Complete catalog mailed on application.

Largest Rose Growers in the World



## Flower Grass Vegetable SEEDS

You may depend on the High Quality of our Flower, Vegetable and Grass Seeds. They come only from the most reliable sources in Europe and America.

Send for Catalogue

Eighty pages of valuable information about Seeds, Bulbs, Plants, Tools, Fertilizers and Insecticides—with Planting Table and Planting Calendar.

**SPECIAL** A collection of 10 Best Varieties Sweet Peas, Spencer Type, Orchard Flowering Sent on receipt of 75 cents.

**HOSEA WATERER** SEED AND BULB IMPORTER

626 Chestnut Street, Philadelphia, Pa. "Everything for Garden and Greenhouse"

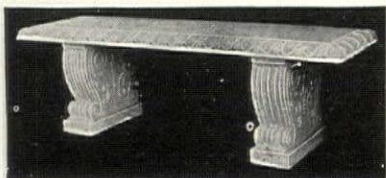
## You Can Give Your Garden Added Charm



if you include in it examples of our Concrete Granite sun-dials, fountains, bird baths, benches, flower pots and boxes, etc. They are new and artistic in design, guaranteed not to check in any kind of weather, and the bench seats are smooth as marble. Eight cents in postage brings you samples of material.

Write for literature and prices.

**ORNAMENTAL CONCRETE CO.**  
559 Garfield Avenue Aurora, Ill.

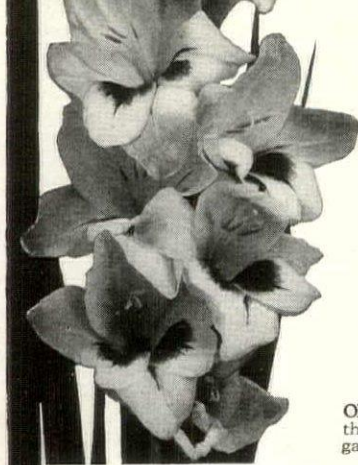


## Now Is the Time

to make arrangements for the planting you intend doing this spring. We have a large stock of hardy New England grown evergreens, trees, shrubs, roses, and perennials from which to select plants that will fill your requirements. If you are looking for well-grown plants dug and shipped properly, we know that we can serve you to your satisfaction. A copy of our "1924 Handbook" will be mailed upon request.

*The Bay State Nurseries*  
W. H. WYMAN & SON, Proprietors  
North Abington, Mass.

# A Garden Full of Gladioli for \$2.00



The Gladiolus is one of the most satisfactory flowers grown and there is no reason why every family cannot enjoy this grand flower—it is as easy to grow as the potato.

Bloom from July to frost if you plant a few bulbs each month from April to July.

For **TWO DOLLARS** we will send **50 Bulbs** of our **Grand Prize Mixture**, which covers every conceivable shade in the Gladiolus kingdom.

Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

**ORDER YOUR BULBS NOW** so as to have them to plant when you begin making your garden.

Simple cultural directions in package

Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this splendid collection, sent prepaid to any point in the U. S. east of the Mississippi. For points West and Canada add 25c—(\$2.25)

Our 1924 Spring Seed Annual sent on request

## Stump & Walter Co.

30-32 Barclay St.,

New York City



## Flowering Shrubs Will Brighten Your Lawn

**YOU** can brighten your lawn with a shower of blossoms from early Spring to Autumn frosts with a selection of Flowering Shrubs. In this display Golden Bell, Dogwoods, Lilacs, Snowballs, Weigelias, Rose of Sharon and Hydrangeas are but a few floral possibilities.

Flowering shrubs have a utility value in addition to their beauty. When arranged about the house foundation they soften the bare angles and form a connecting link between the house and grounds. Along the borders of the lawn they are effective in giving privacy and comfort to your "Out-door living room." They screen unpleasant views, too, and improve your outlook.

"On Beautifying the Home Grounds" is our special booklet designed through photographs and text to help you get the most enjoyment from your lawn. Ask us to send you this booklet and our fully illustrated complete catalogue H ready February 10th.

**Moons' Nurseries**  
THE WM. H. MOON CO.  
**MORRISVILLE PENNSYLVANIA**  
which is 1 mile from Trenton, N.J.

## RASPBERRIES FOR EVERY REGION

(Continued from page 152)

have reached a height of 3'. This causes them to send out laterals which are cut back the following spring one-half, although if grown in hills this may be omitted. Purple Raspberries are handled as outlined for blacks. A small crop is borne the second year and a full crop may be looked for the third year. The plantation may last 6 to 10 years under favorable conditions and 3 or 4 years if unfavorable. New plantings then should be made every 3 to 7 years and the old bed dug up.

In northern climates some winter protection may be needed. After loosening the plant on one side the canes are bent over and covered with soil. Much winter injury is due to lack of vigor among the plants.

Among insects the raspberry beetle and the sawfly may necessitate a spraying with arsenate of lead to save the foliage from being eaten. The red spider may be treated by dusting with sulphur or spraying with nicotine.

Mosaic causes stunted plants; the only remedy is to eliminate affected individuals. Anthracnose is most often seen on black Raspberries. Secure plants from a clean patch, give plenty of room and remove the old wood as soon as possible. Spraying with Bordeaux mixture (4:4:50 with a sticker of molasses 1 gallon to 50) may aid. Orange rust is another trouble easily recognized by the rust on the under surface of the leaves. A plant once affected never recovers. Dig up and burn. Blue stem is a serious trouble both East and West. Selection of plants free from disease will do much to eliminate these troubles.

One-and-a-half quarts of fruit may be expected from a plant. In the case of Columbian purple berries, under favorable conditions, four quarts per plant may be secured as easily as two quarts of Cuthbert. These yields may be used for estimating the number of plants to set; it is well to provide plenty. High-class raspberries are always acceptable either fresh, canned, preserved or for making into beverages. For the latter purpose it is doubtful whether Americans realize what they are missing by not making greater use of these fruits.

This list will show the reader that the raspberry is most generally grown in the Northern States and where the climate is relatively equable both on the Atlantic and Pacific seaboard.

### NEW ENGLAND

**MAINE**  
Red—Cuthbert, Herbert, St. Regis

**VERMONT**  
Red—Marlboro, Cuthbert. Yellow—Golden Queen. Purple—Columbian, Royal Purple.

**MASSACHUSETTS**  
Try as for Connecticut.

**NEW HAMPSHIRE**  
Try as for Vermont.

**CONNECTICUT and RHODE ISLAND**  
Red—St. Regis, June, Cuthbert, Latham, possibly Herbert. Purple—Columbian. Black—Plum Farmer, Cumberland.

### NORTH ATLANTIC STATES

**NEW YORK**  
Red—June, Cuthbert, Empire, Ontario, Herbert, Cayuga, Owasco, Latham Redpath. Purple—Columbian. Black—Plum Farmer. Yellow—Golden Queen.

**PENNSYLVANIA**  
Red—Cuthbert (standard), King. Yellow—Golden Queen. Purple—Columbian. Black—Cumberland, Plum Farmer.

**NEW JERSEY**  
Red—Ranere, Cuthbert, Donboro. Purple—Columbian. Black—Cumberland, Uncle Tom.

**MARYLAND**  
Red—St. Regis, Cuthbert. Purple—Columbian; crown gall and other diseases are serious obstacles. Blacks—grow well—Munger, Kansas, Cumberland, Diamond.

### SOUTH ATLANTIC STATES

**VIRGINIA**  
Red—Cuthbert. Purple—Columbian. Black—Cumberland with Plum Farmer and Kansas in western part of state.

**KENTUCKY**  
Red—Miller Red, Cuthbert. Purple—Columbian. Black—Kansas, Plum Farmer, Cumberland.

**TENNESSEE**  
None grown to any extent; try as for Kentucky.

**NORTH CAROLINA and SOUTH CAROLINA**  
Red—Cuthbert, St. Regis. Yellow—Golden Queen. Black—Cumberland, Gregg.

**GEORGIA**  
Red—Cuthbert. Not grown to any extent.

### GULF COAST STATES

**FLORIDA**  
Not grown; try the Golden Evergreen Raspberry.

**ALABAMA, LOUISIANA and MISSISSIPPI**  
Red—Cuthbert, St. Regis. Black—Gregg, Cumberland; not grown to any extent.

**TEXAS**  
Red—King, Loudon, Brilliant. Yellow—Golden Queen. Purple—Cardinal, Haymaker. Black—Kansas.

### NORTH CENTRAL STATES

**MINNESOTA**  
Red—King, Cuthbert, Herbert, Sunbeam, Ohta, Redpath, Latham (best); all need winter protection in most places. Purple—Columbian. Black—Cumberland, Plum Farmer, Gregg; need winter protection.

**WISCONSIN**  
Red—Latham, King, Cuthbert with Marlboro and Herbert in some districts. Purple—Columbian. Black—Kansas, Cumberland, Plum Farmer.

**NORTH DAKOTA**  
Red—Minnetonka Ironclad, Sunbeam, Latham (best of all). Purple—Cardinal (fair). Black—Shepperd (hardy). Plum Farmer, not hardy.

**SOUTH DAKOTA**  
Red—Ohta, Sunbeam.

**INDIANA**  
Red—Cuthbert leads; King, London, Herbert with June promising. Purple—Columbian subject to crown gall. Black—Plum Farmer, Cumberland, Gregg.

### CENTRAL STATES

**KANSAS**  
Black—Kansas, Black Pearl, Cumberland; no others recommended.

**MISSOURI**  
Red—Cuthbert (best) King, but yield is low on all. Purple—Cardinal. Black—Kansas, Cumberland, Gregg.

**OKLAHOMA**  
Black—Kansas, Gregg.

### PACIFIC & MOUNTAIN STATES

**IDAHO**  
Red—Cuthbert, Antwerp, St. Regis; Yellow and Purple—little grown. Black—Cumberland, Gregg, Kansas.

**WASHINGTON**  
Red—Cuthbert.

**UTAH**  
Red—Cuthbert, Marlboro. Yellow, Purple, Black—little grown.

**CALIFORNIA**  
Red—Surprise (Everbearing), Antwerp, Ranere, Hailsham (Everbearing), Superlative.

**COLORADO**  
Red—Marlboro.



**THIS** beautiful mammoth decorative dahlia, "Justice White" is one of my many new creations which has caused many dahlia enthusiasts to "sit up and take notice" the past season. My new catalogue is brim full of original, new, up-to-date novelties as well as the older varieties. Write for my free catalogue and order early. Address:

**GEORGE L. STILLMAN**  
Dahlia Specialist  
Westerly, Rhode Island,  
| BOX HG-24

*Stillman's dahlias are known the world over as "Dahlias of Distinction."*

## Totty's Mums

Have been famous for over twenty years among flower lovers. Our 1924 catalogue is replete with a wonderful line of the newer Chrysanthemums, and the finest list of standard varieties procurable anywhere in this country.

Perhaps you are not familiar with the names of the Mums you wish, but if you will tell us what colors you are interested in we will make a selection for you of kinds that we know will be satisfactory.

Every year we make a special offer which seems to meet with universal satisfaction. That is, *One hundred assorted plants of the early flowering, single and Pom Pom types, all entirely hardy, for \$12.*

If you will mention HOUSE & GARDEN when ordering we will mail you our list containing a splendid line of garden and forcing roses, dahlias, perennials, and other stock for your garden and greenhouse.

**CHARLES H. TOTTY CO.**

**MADISON, N. J.**

and 4 East 53rd Street, New York City



### Year 'Round Flowers

**IT IS** Spring-time now with in Callahan Greenhouse. Think of it! A profusion of flowers in the winter time—and fresh vegetables too, if you like. Nothing can bring more cheer and happiness to your home.

### Callahan Greenhouses

can give you this pleasure this Winter. Warm weather is not necessary to erect a Callahan. You can quickly and easily erect one now. We tell you why in our Greenhouse Book. Would you like one? We will gladly send you a copy.

*We know you think Greenhouses are very expensive and you will be agreeably surprised when you see the Price List.*

**The T. J. Callahan Company**  
102 Stout St. Dayton, Ohio



### IN SELECTING ROSES

the most important requisites are

**Hardness of Wood** is first in importance as this prevents your roses from dying back when planted out. Our dormant field-grown roses are hard grown and absolutely will not die back from this cause.

**Budded Upon the Proper Stock.** Our Los Angeles and yellow roses and the moderate growers amongst the Hybrid Teas are budded upon Rosamaine stocks that will not sucker nor shrivel. (together a great acquisition) American Roses grown on this stock received the Premier Award the Blue Ribbon of the Rose World at the International Rose Show held in Paris in 1919 and 1921. We submit therefore that the superiority of this stock as a budding medium must be conceded.

**As to Size.** Our Hybrid Teas are over 24 inches in height with heavy canes that will give immediate results. **In Variety.** We catalog only such varieties that have shown sterling merit and that are an advance on existing sorts. They are fully described in our illustrated catalog which is sent free upon request.

**ROBERT EVANS HUGHES** ROSE SPECIALIST  
Williamsville, N. Y. Near Buffalo

## Mastick

### Dahlia Creations

Among my Dahlia offerings for 1924 will be "Alannah" and "Judge Langford," both of unusual beauty, and the wonderful French novelty, "Etoile de Foch."

These and many other rare and choice Pacific Coast, Eastern and Foreign Dahlias are described in my illustrated catalogue, which will be sent free on request.

**M. G. Tyler**

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Portland, Oregon

### NORRISTONE Garden Furniture

Embraces a complete range of distinctive designs in the superior quality Norristone Cut-Cast Granite.

Book of reproduced photographs sent post-paid for only 35c, which is a small fraction of its cost.

**NORRISTONE STUDIOS**

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### Excelsior Rustproof Ornamental Wire Fences and Gates



**THESE** high grade wire products will give ample protection as well as improve the appearance of any estate, yard or garden. The fabric, made of heavy gauge wire, is hot galvanized after construction which gives it long-wearing qualities not found in any other fence. Made in chain link and ornamental (clamp construction) types in heights up to and including eight feet.

*Our new catalog on fence, flower bed guard, trellis, lawn border and arches will be sent upon request.*

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**"SUNRISE"  
A BRAND NEW  
ZINNIA**

Giant double flowers with soft, velvety, rosy-pink petals the color of the sky at sunrise. Everyone will want this splendid new Zinnia in their gardens. We offer it this year at 25 cents a package of 50 seeds. 5 packages for \$1.00. Postpaid.

**Other New Zinnias**

Oriole—New orange and gold Zinnia—Package of 50 seeds, 15 cents. Exquisite—Soft delicate pink Giant Zinnia—Package 50 seeds, 15 cents. Crimson Monarch—Largest of all Red Zinnias—Package of 50 seeds, 15 cents. Collection of all four new Zinnias—1 package each for 60 cents. Postpaid.

**Delicious Huckleberries  
From Seed This Year**

Plants that grow from seed and bear the first year great quantities of delicious fruit for Huckleberry Pie. Not a freak just a good garden fruit. Package of 50 seeds, 15 cents, 2 packages for 25 cents. Postpaid.

These are just a few of the really good things found in our Spring Seed and Plant Book. It pictures and describes the best of new and old varieties of flowers, vegetables, perennial plants, roses, dahlias and gladioli. Not a big confusing catalog but a real help to you in selecting the best for your garden. It's free. Send for it today.

**HART & VICK**

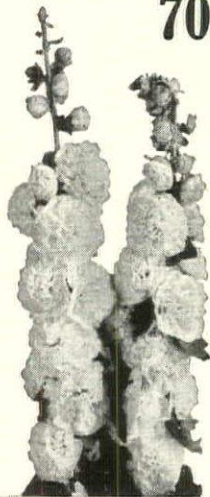
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The STORRS & HARRISON CO.

**70<sup>th</sup> Annual Catalog**

*lists the seeds you want*



SEASON after season, successful gardens and productive fields and orchards reward the users of Storrs & Harrison offerings. 1200 fertile acres and 70 years of experience insure satisfactory results.

Time-tested seeds, dependable and prolific—plants and shrubs that thrive lustily—fruit trees that will bear abundantly—shade trees for every purpose. All await your selection in our 1924 catalog.

If you're planning a small kitchen garden or one of expansive acreage, a beautiful lawn or a fruitful orchard, write for this catalog first. It will help you to plan and choose most wisely.

Post card will bring catalog.

**THE STORRS & HARRISON CO.**  
Nurserymen and Seedsmen for 70 Years  
Box 515 Painesville, Ohio



**GALLOWAY  
POTTERY**

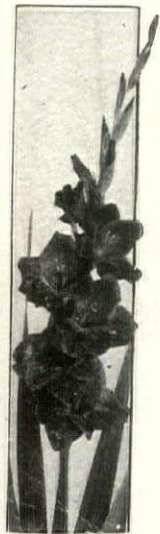
*Gives the Essential Touch*

Adding charm to the garden and lending itself to interesting indoor floral effects. Our collection of high fired, strong and durable Terra Cottas includes Bird Baths, Fonts, Sun Dials, Gazing Globes, Jars, Flower Pots, Boxes, Vases, Benches and other useful pieces made in light stony gray and other colors.

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**GALLOWAY TERRA COTTA CO.**  
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**DAHLIAS and  
GLADIOLUS**

**Superfine varieties at moderate prices**

I have choice Dahlias only, they include all the better modern California varieties. They are reasonably priced.

*SPECIAL GLADIOLUS OFFER*

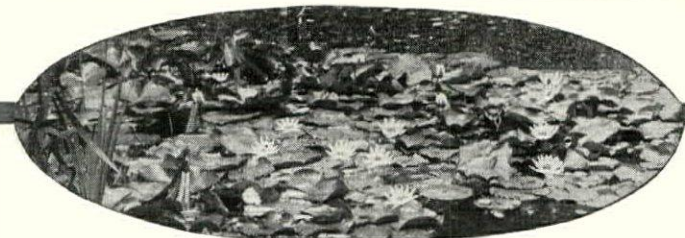
My Gladiolus are the more recent kinds; but are not high priced novelties.

*Special Mixture*, 100 extra bulbs (1½-inch or larger) of America, Mrs. Pendleton, Halley, Crackerjack and similar kinds, \$5 postpaid.

*Special Mixture*, 1¼ to 1½-inch size of the same varieties, \$3.50 postpaid.

10 bulbs each of 10 named sorts, \$4.50 postpaid. Send for my new catalog of Dahlias and Gladiolus.

**CARL PURDY, Box 54, Ukiah, Cal.**



**Greater Garden Pleasure May Be Yours  
This Summer**

A good beginner's selection for pool is

- Aurora—Cream tinted rose.
- Gloriosa—Deep carmine.
- Eugenia de Land—Rose-pink.
- Paul Harlot—Yellow.
- Mary—Pure white.

Hardy Water Lilies will thrive in any garden, adding their fragrance and loveliness to your garden pleasures. Get the tub, pool or pond ready as soon as possible. Easy, simple cultural directions that insure success with Water Lilies and water plants, will be found in our new catalogue—send for a copy.

Independence Nurseries Co., Box H, Independence, Ohio

**The Roses of New Castle**



Are the hardest, easiest growing, freest blooming rose plants in America. Always grown on their own roots in the fertile soil of New Castle. We are expert Rose growers and give you the benefit of a life time experience and the most select list in America. Every desirable rose now cultivated in America is included in our immense stock—and the prices are right.

**Our Rose Book for 1924  
"ROSES OF NEW CASTLE"**

tells you how to make rose growing a success. The most complete book on rose culture ever published, elaborately printed in actual colors. Gives all information that you need. Send for your copy today—a postal will do.

**HELLER BROS. CO., Box 152 New Castle, Ind.**

**You Need** Our 1924 Dahlia and Gladioli Catalog — a Veritable "Blue Book" of Approved Varieties

You will be delighted with our new 1924 Catalog—a veritable "Blue Book" of dahlias and gladioli—which describes the choicest productions of our own and other originators.

In our new test gardens—a "World Laboratory" of dahlias and gladioli—we have proven what are the best varieties.

These superior varieties, gloriously beautiful in size, color and form, and grown extensively in our other gardens, will be a revelation to you.

Write for your "Blue Book" today.

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The new Stay-tite Handles identify all Pennsylvania Quality Lawn Mowers.

The mower that will render longest life of satisfactory service, is one with the Stay-tite Handle.

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## Beautiful Cosmos

Flaming its profusion of beautiful bloom it remains the glory of the garden, most appreciated after more tender flowers have surrendered to the early frosts.

Send for our free catalog. It lists only the choicest strains of many varieties of bulbs, seeds and shrubs. We especially recommend our offerings of Sweet Peas, Asters, Dahlias, Gladioli, Hardy Perennials, Ornamental Shrubs and Vegetable Seeds; they please the most discriminating grower.

Send for the catalog now.

**Fottler Fiske Rawson Co.**  
Boston, Mass.

### You Are Invited to Membership in the American Rose Society

in order that you may know and love the Queen of Flowers even better than ever, share the experiences of rose enthusiasts the world over, and secure the latest information and advice to enable you to grow the finest roses in your own garden.

The American Rose Society is an organization of leading amateur and professional rosarians. Its purpose is the official gathering and dissemination of all authentic facts, experiments and inspirations that will better roses and rose growing. Through its cloth bound Annual, pamphlets and personal correspondence it brings its helpfulness to every member.

Your participation and personal pleasure in the benefits of this organization are cordially invited. The Executive Committee has decided, by way of introduction, to make two special membership suggestions:

#### Two Special Offers

- 1st. \$3.00 membership for 1924, with an extra premium gift of the Official Rose Index, besides the 1924 issue of the Annual, geographical index of members, the free advice of the greatest rose experts, tickets to rose shows, etc.
- 2nd. \$5.00 membership for 1924, and in addition to all the preceding privileges, the 1923 Annual with its wealth of cultural advice, judgments of varieties, and much other information of vital interest to rose lovers.

The only requirement you need have is an interest in these glorious flowers. On that basis we shall be delighted to welcome you into the Society and enroll you on its lists.

Please make your check payable, and address your letter, to

**AMERICAN ROSE SOCIETY**  
(Organized 1899)  
West Grove Pennsylvania

## Plan to Plant Early

Roses especially should be planted just as soon as the ground can be worked.

Send for our interesting Catalog about Better Roses.

Order them sent at the proper time for planting and experience a new satisfaction from N. B. Roses.

**NEW BRUNSWICK NURSERIES**  
NEW BRUNSWICK NEW JERSEY  
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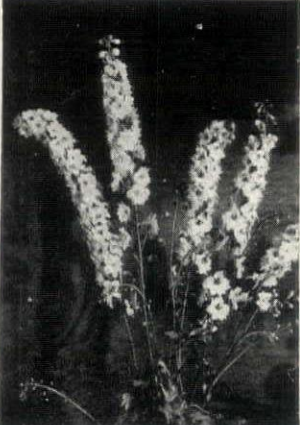
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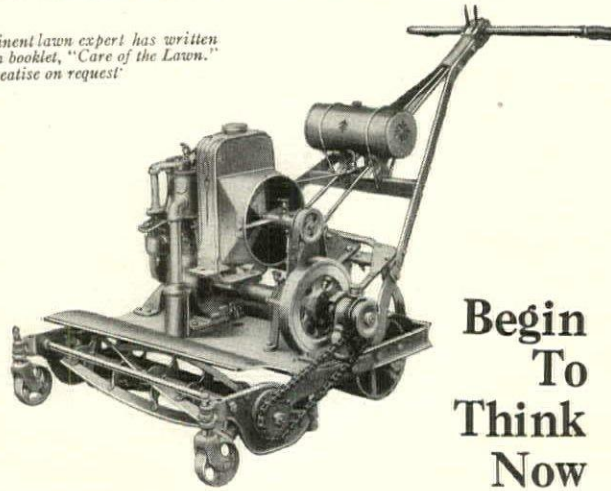
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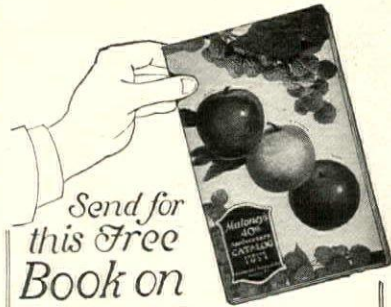
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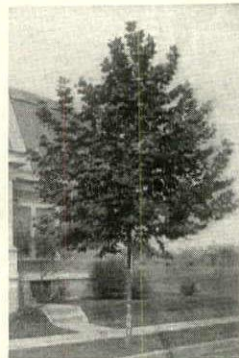
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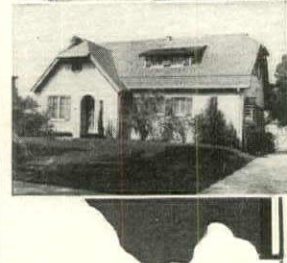
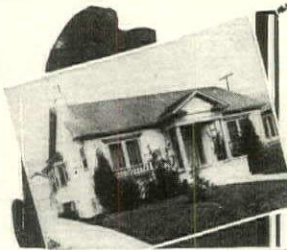
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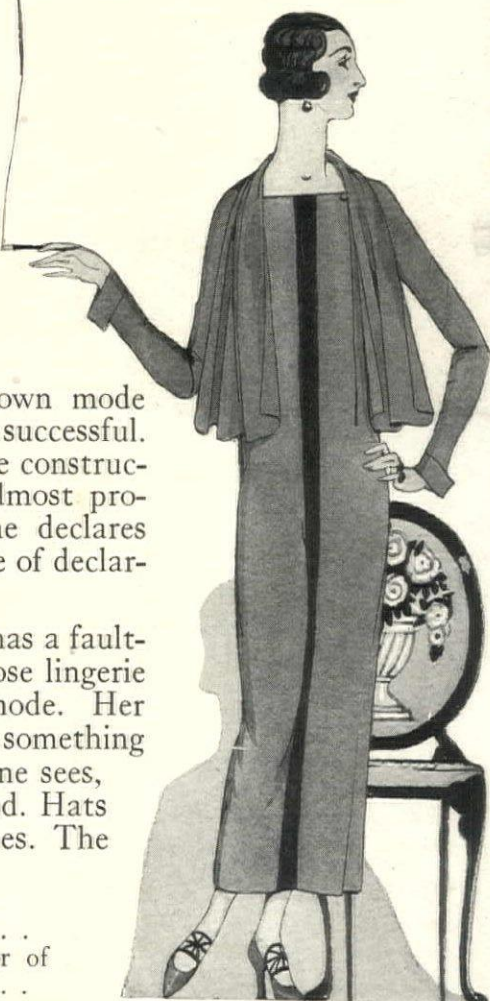
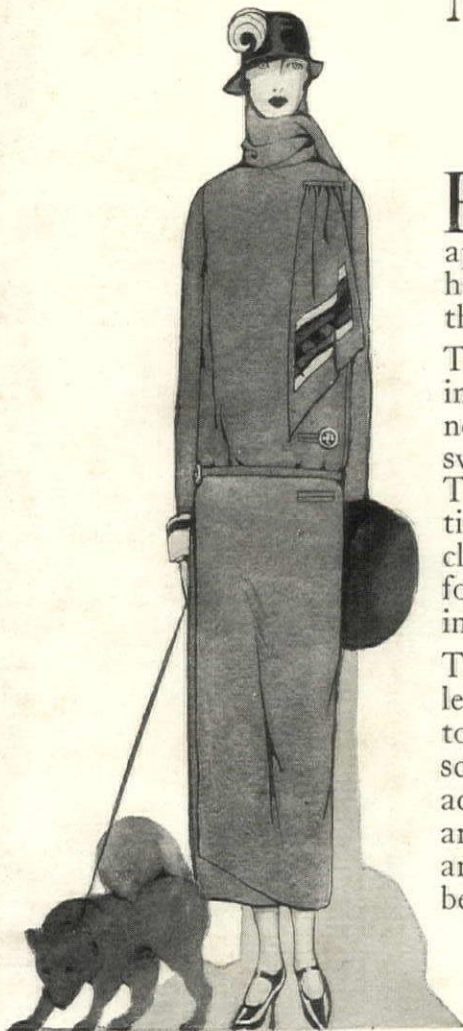
# Morning---Afternoon ---Vogue

**E**VERYBODY has the morning, the afternoon. But not everybody has the appropriate clothes, no matter what she happens to pay. Do you know how to pick them out of Vogue?

The nonchalant lady on the right is wearing her black satin to perfection—that new-old shiny fabric around which the town mode swings sleekly. Scarfs were never as successful. Those for town are so generally a part of the construction of the dress that a scarfless costume almost proclaims itself last year—Unless, indeed, one declares for the boyish round collar. . . . But beware of declaring if your years don't warrant it.

The woman on the left, out with her chow, has a faultless morning costume of black reps with those lingerie touches that mean so much to the new mode. Her scarf, too, is a part of her costume, not something added, as are most sports scarfs. Skirts, one sees, are from ten to twelve inches from the ground. Hats are still small, but many of them aren't cloches. The best town shoes are patent leather. . . .

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