

House & Garden



Furniture Number

February · 1923

35 cts · 3.00 a year

CONDÉ NAST *Publisher*

Individualism in Good Furniture

A HOME more inviting each time that you enter it is truly a place to live in.

Genuine comfort and distinction are found in the charming new designs and faithful period reproductions of the Elgin A. Simonds Company.

A range of choice which indulges each personal taste.

Our furniture may be had from all high-grade dealers. And you may be assured that our trade-mark carries with it a guarantee of satisfaction.

We shall be glad to assist you in any perplexity of interior decoration by sending on request our booklet "H".

The Elgin A.
Simonds
Company
Furniture
Syracuse
N.Y.



P. S. DeVault.

Elgin A. Simonds Co.
Syracuse N.Y.



Residence A. M. Luntz, 1845 Market Avenue, North Canton, Ohio

Architect, Chas. E. Firestone, Canton, Ohio

For Mansion or Bungalow there is a charm about Stucco that is not found in any other material — The economic worth of

Bishopric Stucco over Bishopric Base

possessing such insulating qualities cannot be over estimated. Its density and water-proof qualities, with enormous tensile strength, guarantee a permanent construction. It repels cold in winter, thereby making the home more comfortable and effecting a saving in fuel.

BISHOPRIC Stucco is furnished in many beautiful combinations of color—Alba White, Shell Pink, Sienna Buff, Ivoril Cream, Granite Grey, French Grey, or any special color one may desire.

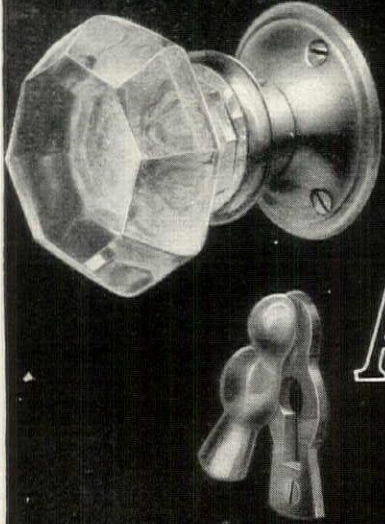
Strength, endurance, artistic merit and economy of upkeep are written indelibly upon the walls inside and outside of homes built of BISHOPRIC, in addition to having a greater sale or rent value in increasing ratio as the years pass by.

We have "Bishopric For All Time and Clime", a booklet for you containing facts and figures and illustrated with photographs of beautiful homes built of BISHOPRIC. Yours for the asking.

(Sold by Dealers Everywhere)

THE BISHOPRIC MFG. COMPANY, 621 Este Avenue, Cincinnati, Ohio
N. Y. City Office: 2848 Grand Central Terminal Factories: Cincinnati, Ohio and Ottawa, Canada

TRADE **YALE** MARK



And on every inside door



THERE too you should have a lock marked YALE. You cannot buy a Yale Lock without the name YALE. It's on the lock and on the key; clearly and unmistakably—whether that lock is for an outside or an inside door. And on that name, YALE, you can safely depend for all that a lock should be and do.

The many little refinements of mechanical design; the perfection of materials and high standard of workmanship that go into every lever, every screw, spindle or bolt of a Yale Lock make a vast difference in the normal every-day action. You will see that difference in the way the knob turns and the key fits, in the positive, ready action of the latch and in the smoothness of operation—and you will appreciate it.

All this is yours in the trademark YALE—all this with the artistic design and beauty of finish that add so much to the attractiveness of any doorway. Yale hardware is correct in every detail. No matter what the architectural treatment of your home, there is an appropriate and distinctive Yale design for your selection.

The Yale & Towne Manufacturing Co.

Stamford, Conn., U. S. A. Canadian works at St. Catharines, Ont.

YALE MADE IS YALE MARKED



Yale products for sale by the hardware trade everywhere

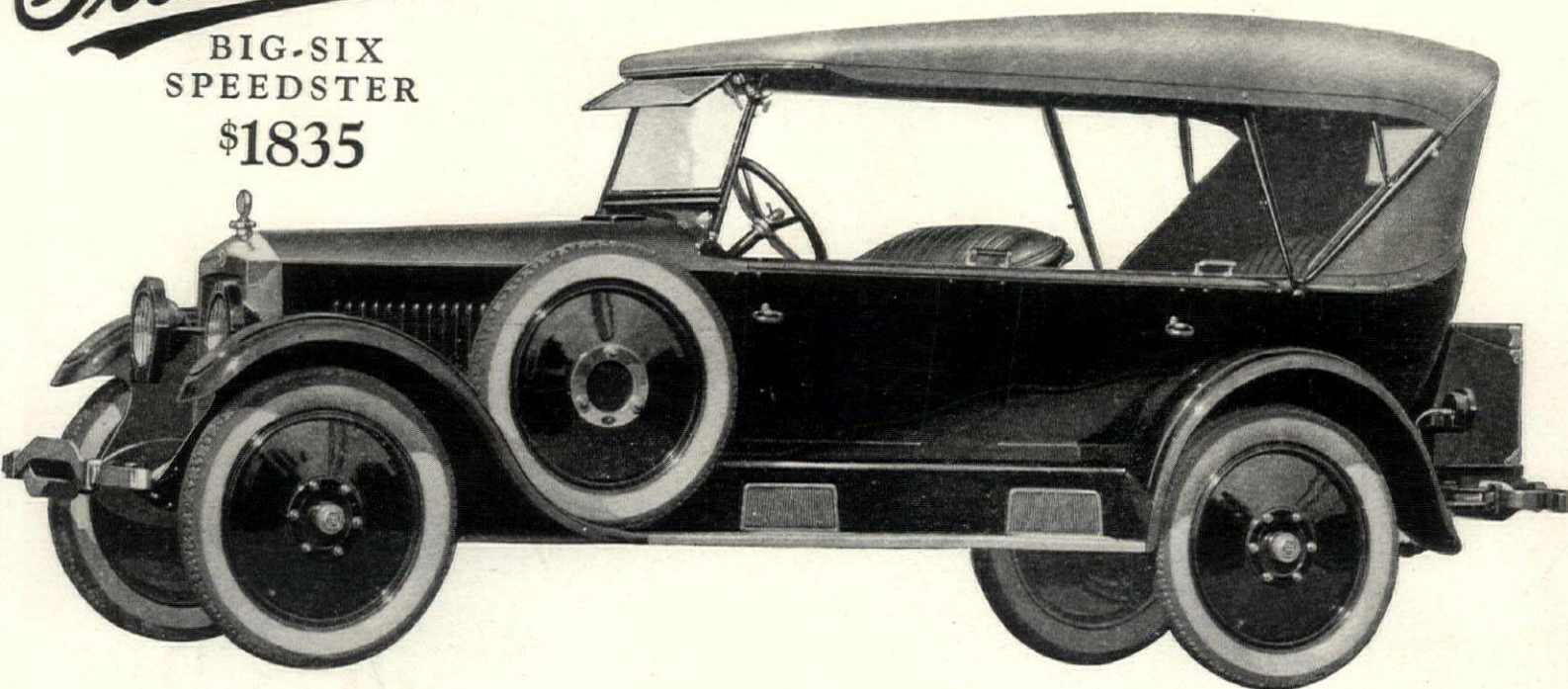


Padlocks, Night Latches, Dead Locks, Builders' Locks and Trim, Cabinet Locks, Trunk Locks, Automobile Locks, Bank Locks, Prison Locks, Door Closers, Electric Industrial Trucks, Chain Blocks, Electric Hoists, Trolleys

Studebaker

**BIG-SIX
SPEEDSTER**

\$1835



You will find in the Studebaker Big-Six Speedster a degree of motoring enjoyment and satisfaction that is unexcelled.

The longer you have driven motor cars, the more you will appreciate its resources of smooth-flowing power; its quick acceleration and flexibility; the ease with which it maintains a rate of speed over long stretches; its surprising comfort even when the going is difficult, and its tenacity in gripping the road.

The Speedster fairly invites luxurious travel with its fascinating lines, low, snug-fitting top, rich maroon finish and disc wheels. Its exceptional ease of handling is evident in the all-day run or in driving through the congested traffic of the city.

This luxury of motoring is made possible in the Speedster by advanced design and superior performance; by comparatively light weight; by 126-inch wheelbase; by nine-inch cushions that are buoyant yet firm, and by flexible, underslung springs.

This car offers every comfort, every quality of performance and reliability, every convenience that you may seek.

Both body and chassis are built virtually complete in Studebaker plants. Middlemen's profits are eliminated and the savings are passed on to the buyer, making possible the comparatively low price.

The name Studebaker stands for quality, durability and integrity.

Disc wheels including two extra disc wheels complete with cord tires, tubes and tire covers. Nickel-plated bumpers, front and rear. Nickel-plated radiator shell, motometer with lock and ornamental radiator cap. One-piece windshield with automatic

windshield wiper and glare-proof glass visor. Combination stop and taillight. Cowl lights. Courtesy lamp. Tonneau light with long extension cord. Tool compartment in left front door. Cowl ventilator. Jeweled eight-day clock.

All-wood steering wheel with new-type spark and throttle control. Corrugated running board mats with extra thick step pads and aluminum protector plates. Grip handles on body rail. Shock absorbers. Thief-proof transmission lock.

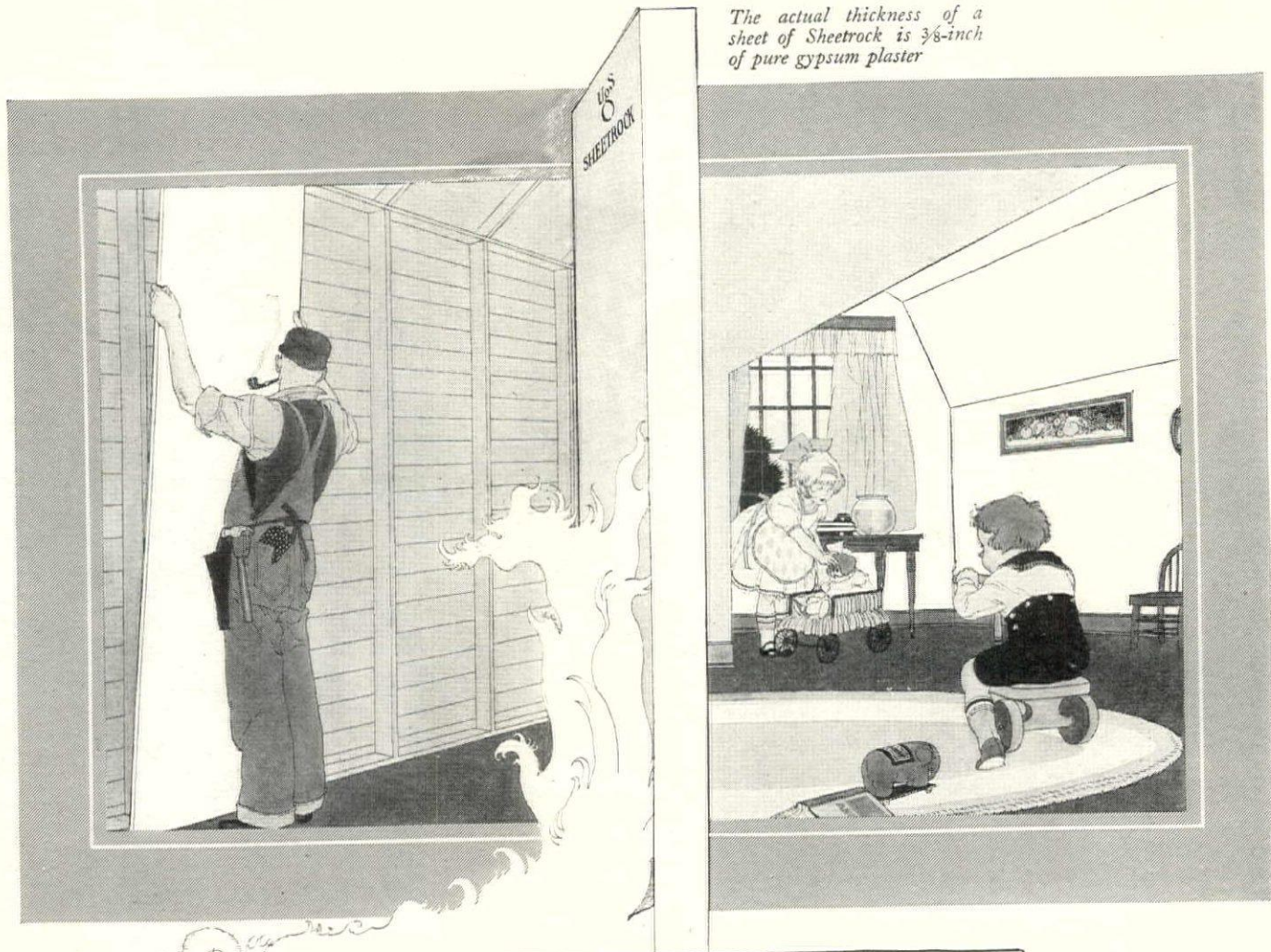
MODELS AND PRICES— <i>f. o. b. factories</i>		
LIGHT-SIX 5-Pass., 112" W. B., 40 H. P.	SPECIAL-SIX 5-Pass., 119" W. B., 50 H. P.	BIG-SIX 7-Pass., 126" W. B., 60 H. P.
Touring.....\$ 975	Touring.....\$1275	Touring.....\$1750
Roadster (3-Pass.)..... 975	Roadster (2-Pass.)..... 1250	Speedster (4-Pass.)..... 1835
Coupe-Roadster (2-Pass.)..... 1225	Coupe (4-Pass.)..... 1875	Coupe (4-Pass.)..... 2400
Sedan..... 1550	Sedan..... 2050	Coupe (5-Pass.)..... 2550
		Sedan..... 2750

Non-Skid Cord Tires, Front and Rear, Standard Equipment

THE STUDEBAKER CORPORATION OF AMERICA
South Bend, Indiana

H I S I S A S T U D E B A K E R Y E A R

The actual thickness of a sheet of Sheetrock is $\frac{3}{8}$ -inch of pure gypsum plaster



"Our entire yard was in flames, and the warehouse and all other merchandise in it was completely destroyed. But the Sheetrock, though subjected to most intense heat and the action of tons of water, remained intact ...fireproof!"---King Lumber Co., Kansas City, Mo.

Only a Sheet of Rock Could Stand It!

The whole story of Sheetrock's *fireproof* nature is told in the letter from which the foregoing facts were taken.

Mr. Walter J. Wood, Secretary of the King Lumber Company, in the same letter relates the amazement with which they discovered, four days later, that the Sheetrock was still in good shape and suitable for wallboard purposes.

"We have seen several jobs in which this very board was used," he writes, "and after panel strips and paint had been applied, it

was impossible to find any traces of fire."

Sheetrock is the *fireproof* wallboard. It is a rock product—and it cannot burn, ignite or transmit heat. It is gypsum plaster, cast in sheets, and makes smooth-surfaced, *non-warping*, permanent walls and ceilings.

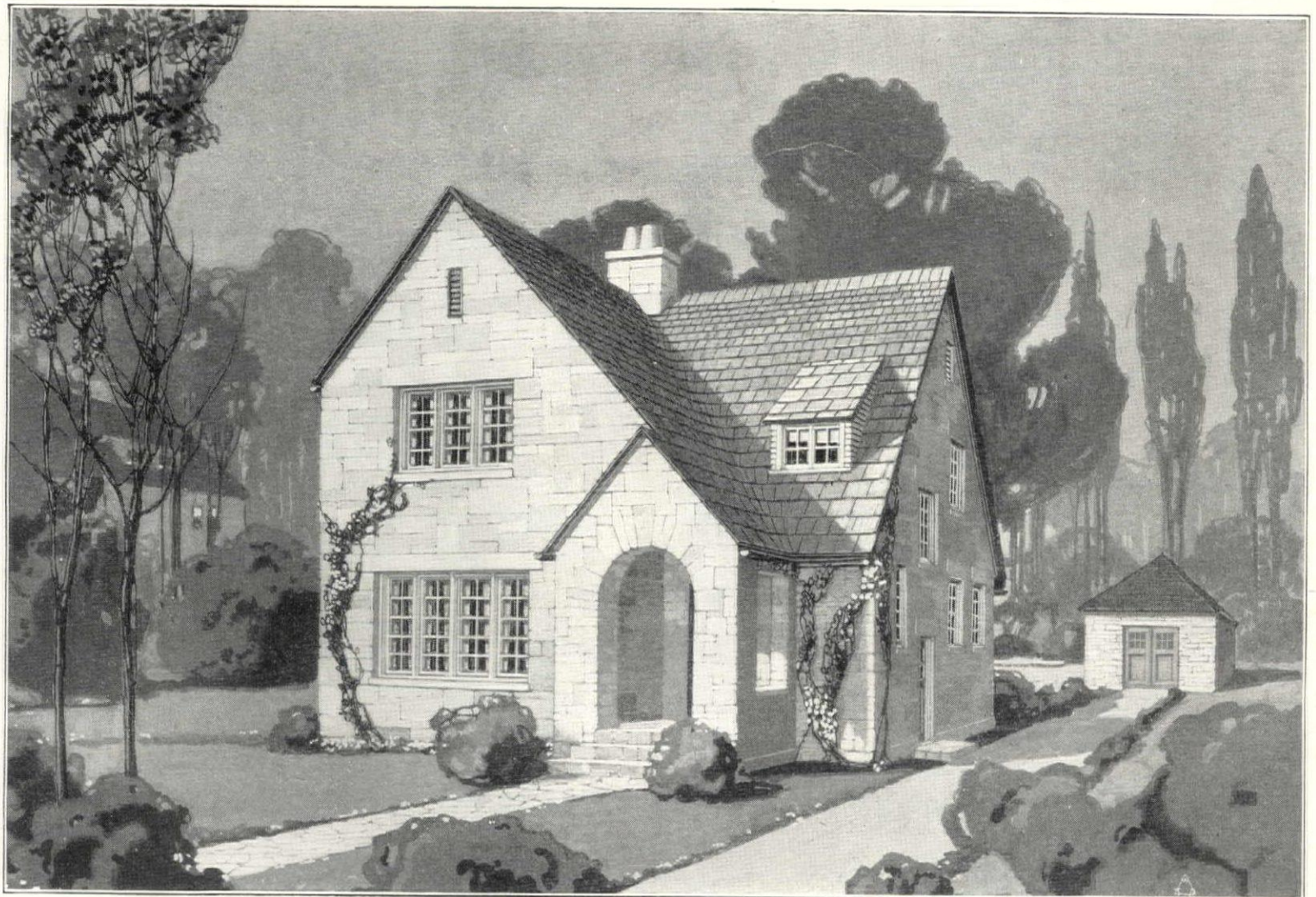
Your dealer in lumber or in builders' supplies sells Sheetrock for new construction, alterations or repairs. The carpenter puts it up. Our free booklet, "Walls of Worth," pictures its many uses and advantages.

UNITED STATES GYPSUM COMPANY, *General Offices: 207 West Monroe Street, Chicago*
World's Largest Producers of Gypsum Products *Sheetrock is approved by The Underwriters' Laboratories, Inc.*

SHEETROCK

The *FIREPROOF* WALLBOARD

Reg. U. S. Pat. C



You Can Now Afford a Limestone Home!

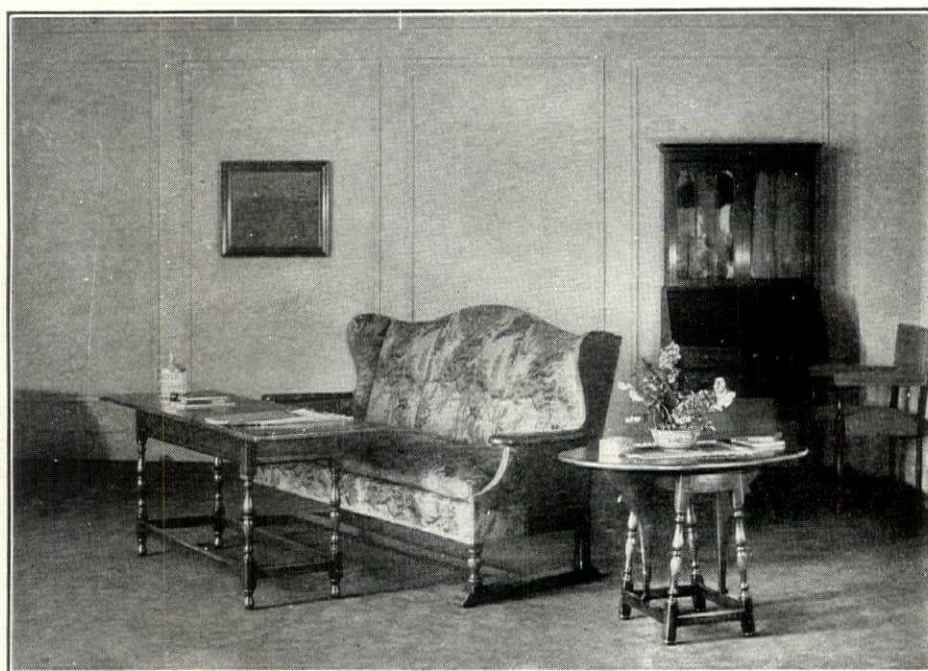
The Indiana Limestone industry has been developed to such a degree that by the modern machine methods of production employed, the home builder of today may obtain this natural stone at a cost only slightly exceeding that of less desirable materials.

And the advantage of living within cool, non-conducting stone walls in the summer months and within these non-conducting walls in cold, winter months, is becoming more and more apparent to the man who builds a permanent home.

A folder descriptive of the house illustrated above, showing floor plans, will be sent free upon receipt of postal request.

Indiana Limestone Quarrymen's Association
Box 782, Bedford, Indiana

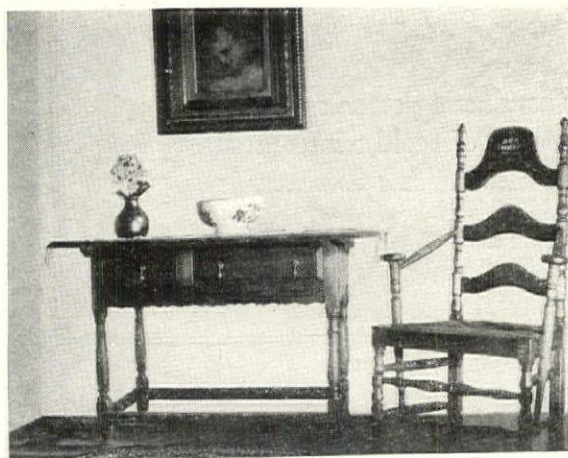
INDIANA
L I M E S T O N E
The NATION'S BUILDING STONE



Danersk Early American living room group—Tavern Table, Butterfly Table, Farthingale Chair and Desk in the mellow tones of old maple.

Danersk Furniture

The perfect medium for achieving individuality at a modest cost



Danersk Plymouth Chair and small table of maple with design taken from an old dower chest.

The search for antiques by those who have not an expert's knowledge and selective skill is often a tedious, costly and unsatisfactory process, due to the rarity of genuine pieces and the frequency with which the spurious defy detection.

As manufacturers the time we have spent in the study and accumulation of rare originals is reflected in the choice pieces we have made for the American homes of today. While we have spared no expense in the acquisition of these antique models the groups we have developed from them are remarkably low in price, considering the care in workmanship, correctness of design and beauty of finish.

It is our pride that we do not slavishly copy old pieces, but we place at your disposal things made with all the naïve charm of the early furniture of our American ancestry and constructed to withstand the uses of today.

Call without obligation to purchase at one of our showrooms. There is no other place in which you can see the complete line of Danersk Furniture. Decorators and their clients are always welcome.

ERSKINE - DANFORTH CORPORATION

2 West 47th St., New York

315 North Michigan Avenue, Chicago

643 So. Olive St., Los Angeles

VELOURS *de* GENES

*From a rare design
originating in the
16th Century*

THE original Velours de Gênes, to which the one illustrated here owes its origin, was evidently produced during the period of transition from Gothic to Renaissance since it combines two characteristic motifs—the pomegranate and the vase.

It was in the early 15th Century that the Gothic pomegranate motif in fabric design first assumed importance, finally becoming the main theme in the fabrics of that century. In the early 16th Century the Renaissance vase began to creep in. By the end of that century it had quite replaced the pomegranate.

The elaborate designs of this period were executed with remarkable technical skill. The delicate workmanship shown by the weavers in combining gold and silver threads with silk is worthy of the highest admiration.

So too is the skill shown by the present day weavers of France in weaving this Velours de Gênes for Schumacher. The mellow qualities of age which add so much to the charm of the original fabric from which the design was taken have been faithfully duplicated. Indeed this reproduction has been so beautifully done that it is a worthy tribute to the genius of the Genoese weavers who inspired it.

This Velours de Gênes together with other distinctive fabrics appropriate for decorating any type of room may be seen and purchased through your own decorator or upholsterer. 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, and Philadelphia.



F-SCHUMACHER & CO.

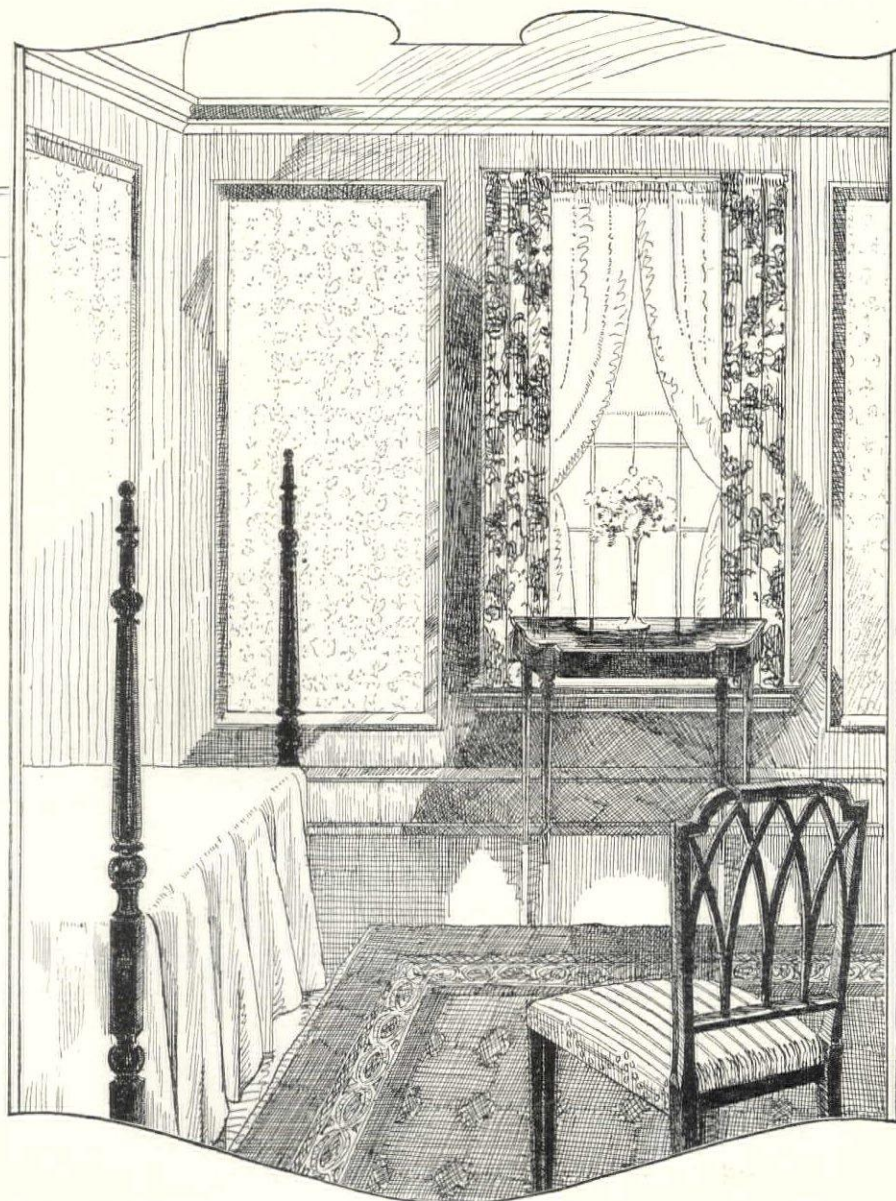


Anyone who loves music

Do you realize how perfectly the pipe organ has been adapted to the need and use of the home? If you think of it as a monumental instrument, for churches and concert halls, you have never heard it in its lighter moments. It is as successful furnishing music for a dance as rendering those tremendous fugues of Bach.

The Estey Organ is built by the oldest and best known firm of organ builders, one with a long tradition. It is adapted to the home. So perfectly, so cleverly has this been done that even in a small house the Estey Organ seems to fit and furnish just the right amount of music as easily as a violin or a piano.

THE ESTEY RESIDENCE PIPE ORGAN



Mahogany in Your Home

WHETHER you use Genuine Mahogany for interior woodwork or for furniture, the results are not alone pleasing to the eye, but there comes into your home an atmosphere of coziness, hospitality and distinctiveness, which grows with the years.

To the charm of Genuine Mahogany woodwork—the sentimental value of refinement and hominess—is the added monetary value should you ever desire to sell.

The good taste of Mahogany Furniture is just as apparent. If you desire your dining room, bedroom or living room to be in Chippendale, Hepplewhite, Sheraton; Duncan Phyfe, or any of the famed Colonial styles, you must remember that in Mahogany and Mahogany alone is correct expression found. For the Great Furniture Makers

used Mahogany to the exclusion of other woods.

And while we dwell upon the distinctiveness of Mahogany, let us disabuse your mind of the idea that it is an expensive, difficult-to-obtain wood. Mahogany is plentiful. Fifty million feet are imported into this country every year. Its cost is very little, if any more than other less beautiful woods.

There are other good features about Mahogany. Aside from its beauty, the ease with which it can be obtained and its low comparative cost, Mahogany is easy to finish and care for. It improves with age, taking on more mellow and delightful color tones, as time goes on.

We will gladly send you, without cost, our illustrated folders on Period Furniture and the "Home Beautiful."

after all—there's nothing like

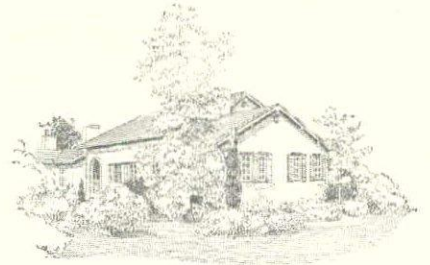
MAHOGANY



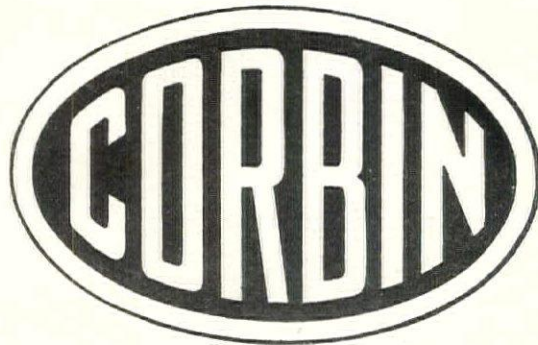
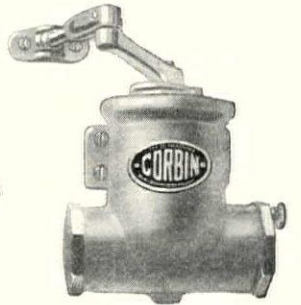
Good Buildings



Deserve



Good Hardware



HARDWARE is something you can't help seeing—using—living with intimately all your life long. Then don't slight it when you build. In your home you certainly want hardware you can look at with pleasure—use with utmost convenience—live with happily.

Such hardware is Corbin.

The Corbin oval on a lock or other piece of builders' hardware is your infallible guide to hardware that

works—hardware that lasts—hardware that will harmonize with any decorative scheme or architectural setting.

There is a Corbin Builders' Hardware Specialist in every city. Seek him out. Take your architect and your blue prints with you. That's the only way to buy the kind of hardware your home deserves.

"Good Buildings Deserve Good Hardware" is the title of a booklet on the human side of builders' hardware. Write for it, and name of local Corbin dealer.

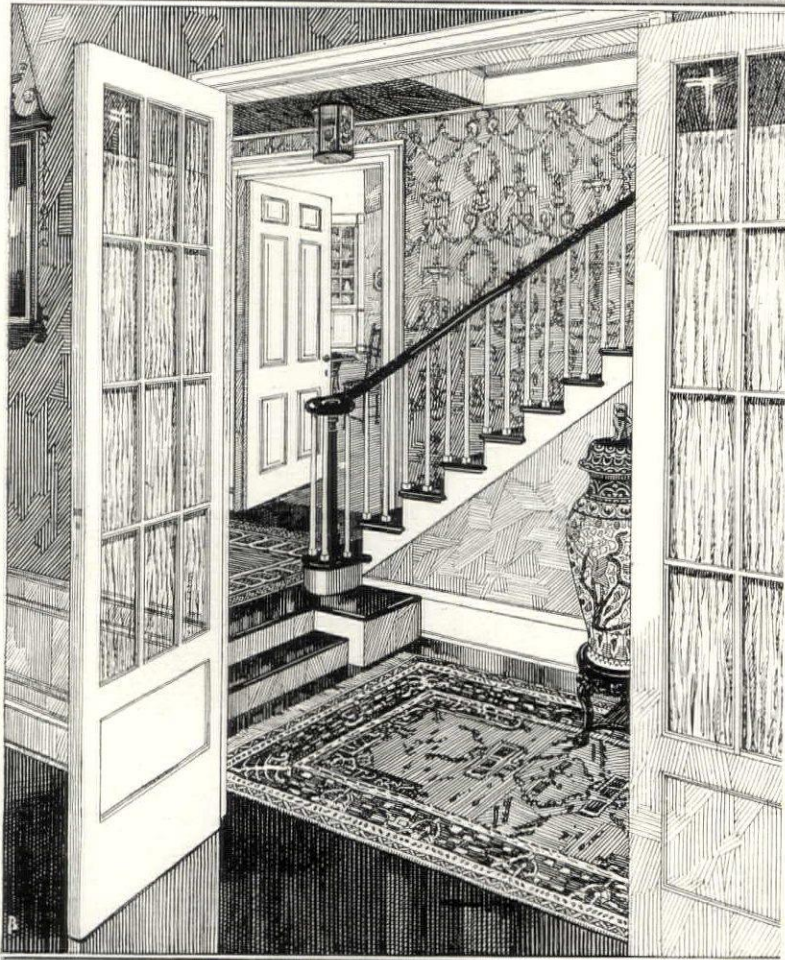
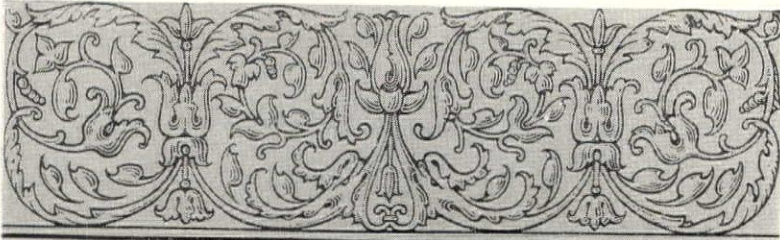
P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT

The American Hardware Corporation, Successor

NEW YORK

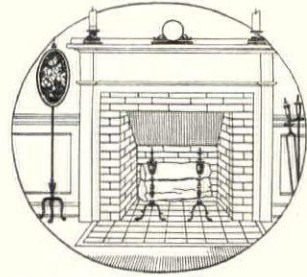
CHICAGO

PHILADELPHIA



CURTIS WOODWORK

Consciously or unconsciously, you notice the maker's name on food containers or in garments before making your selections. You know that certain names assure quality. If this is true with every day articles, how important it is to be sure of the woodwork which becomes a permanent part of your home, and which most people buy only once in a lifetime * * * Woodwork by Curtis is proudly trade marked by the name "Curtis" and the year "1866", when this institution started with the *intent* to make the finest possible woodwork. This *intent* has made Curtis the standard of comparison. * * * It will pay you to see the Curtis dealer—usually the best in the community. His Big Catalog illustrates and describes every item in this complete line of woodwork. If you do not know his name, write to Curtis Service Bureau, Clinton, Iowa.



C-615, Colonial Mantel

Good Woodwork Makes— Poor Woodwork Breaks— The Beauty of the Home

TO see your pet ideas built into a new house or rebuilt into an old one is like making dreams come true.

But these dreams do not come true unless you use woodwork of the finest quality—not necessarily more expensive, but recognized at once by all your friends as "quality".

The woodwork of a home is like the motor in a car—little noticed unless it is wrong—but all important. Therefore it is of utmost importance to select Curtis woodwork—so well made that the maker is proud to place his trade mark on each piece.

Your assurance of Curtis quality and correct design comes from our experience of 57 years in the woodworking business—all that time with the *intent* to produce the very best. To this we add the knowledge and skill of our consulting architects.

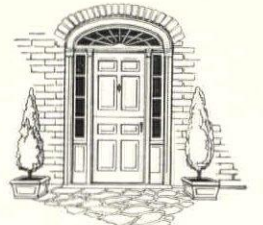
That Curtis Woodwork is made right is easy to prove by talking with home owners in almost every community. They will tell you that Curtis Woodwork, room for room, seems to improve with age. Like a good violin, Curtis woodwork continues to please, year after year, because it is made piece by piece, out of good materials, in correct proportions, and with jealous inspection before it leaves the maker's shop.

Curtis does not sell rough lumber nor "ready cut" houses, but specializes in standardized woodwork, such as doors, windows, porch work, stair case, trim and built-in-furniture all of which is trade marked.

Just one example of Curtis quality: The solid pine 1 3-4 inch raised panel doors have panels 1 1-16 inches thick instead of only 9-16 inches. This makes the door stronger and gives a "raise" which adds much to its appearance. A little thing—a detail—which illustrates Curtis *intent* in everything they make.

Curtis woodwork is equally important if you plan to build a house, or only to replace an old door. Curtis standardization means a specialization on the finest designs, the highest quality at reasonable cost, prompt deliveries, and the constant *intent* to make woodwork good enough to pass the Curtis inspection of every piece.

No matter what you plan to do which requires woodwork, it will pay you to see the local Curtis dealer and study his Big Curtis Catalog. Or ask your architect or contractor to show you illustrations of Curtis woodwork.



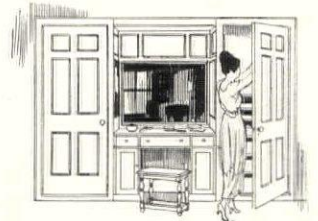
Colonial Entrance No. C-101

This Curtis entrance will make vestibule or hall bright and cheerful. Many shown in Curtis booklet, "Entrances and Exterior Doors," free on request.



Breakfast Nook No. C-742

A great space—work—and step—saver. Includes table and seats. Full information from Curtis booklet, "Permanent Furniture," sent free for asking.



Dressing Table No. C-810

With two swinging mirrors, numerous drawers and trays. Further information sent free—ask for booklet, "Permanent Furniture."

1866 CURTIS

Look for this trade mark. It identifies every genuine piece of Curtis woodwork. You will find many that imitate Curtis designs, and some that claim to be "just as good." But without this trade mark you do not receive Curtis quality! An intrinsic value that unites appearance, utility and Curtis *intent*.

Our 57 years' experience teaches us that prospective home builders need to see in advance a variety of house illustrations and floor plans—therefore we offer the authentic Plan Books listed below.

Send This Coupon for Valuable Information

Curtis Service Bureau, Dept. 1223 Clinton Iowa

Send me the Plan Books checked below. If they do not meet my requirements I will exchange or return them in good condition in ten days for my money.

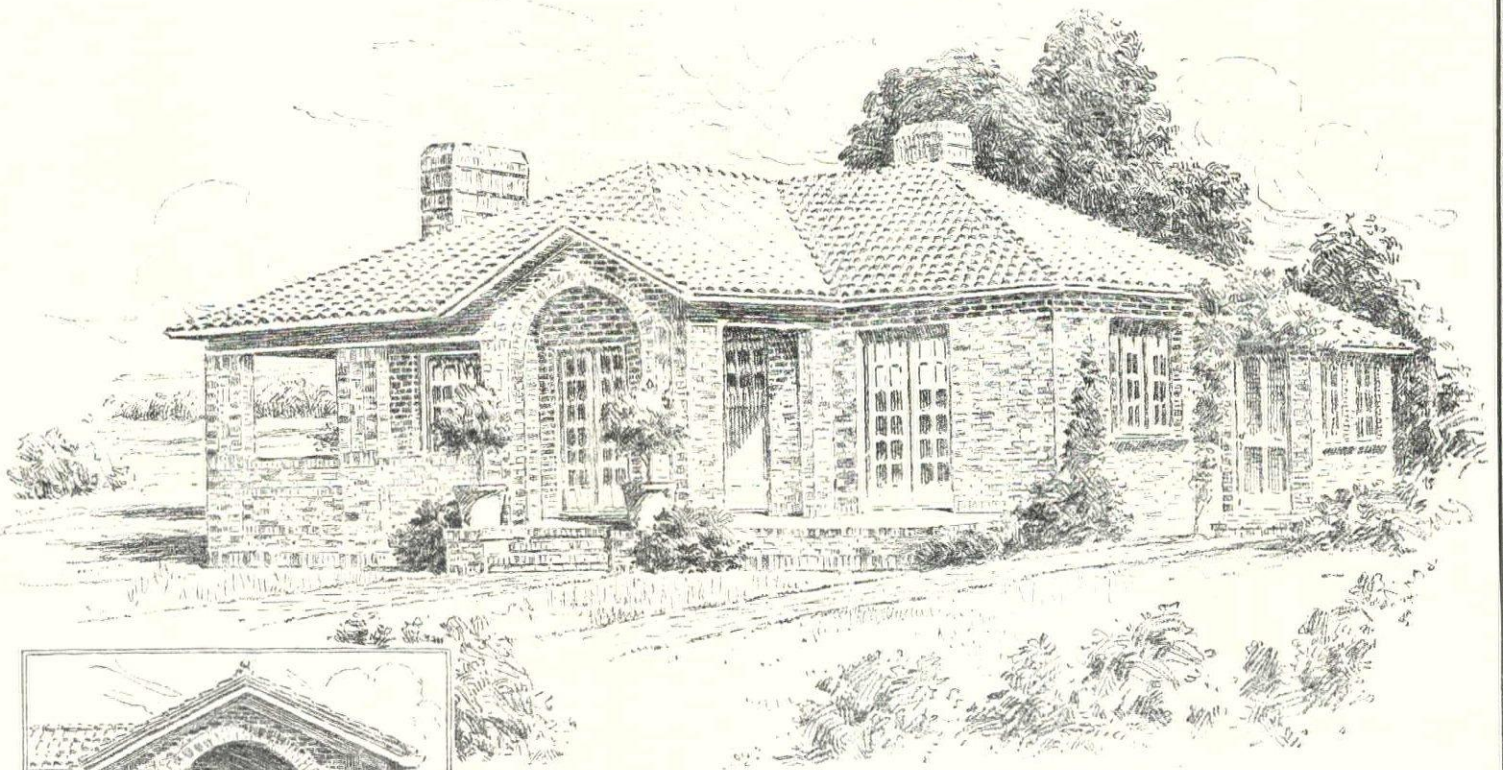
Vol. XI. 30 homes—bungalows . . . \$1.00
Vol. XVI. 30 homes—1½ and 2 story. 1.00
Vol. XII. 39—6 room houses 1.00
Vol. XVII. 39—7 room houses 1.00
Vol. XVIII. 23—8 room houses 1.00

Exteriors, woodwork illustrations and floor plans in each. Volumes XVI, XVII and XVIII are the work of Trowbridge & Ackerman, Architects, New York.

Name.....

Street.....

City.....



A-F-B-A
USE FACE BRICK
—it Pays

SIX-ROOM HOUSE No. 610

Designed for Service Department, American Face Brick Association

This is one of the ninety-six designs in "Face Brick Bungalow and Small House Plans."

Homes of Lasting Satisfaction

For the home-builder who seeks a house that will be beautiful when completed and grow more charming with age; that will be as staunch in the days of his grandchildren as in his own time; that will require no repairs and but a minimum of upkeep; that will save in insurance rates and fuel bills—in short, for the home-builder who seeks the utmost of beauty and durability at the greatest ultimate economy, Face Brick has an interesting story. It is told in detail in "The Story of Brick." For your copy, address American Face Brick Association, 1721 Peoples Life Building, Chicago, Ill.

Send for these booklets:

"*The Story of Brick*" is an attractive booklet with beautiful illustrations of modern homes, and discusses such matters as Comparative Costs, Basic Requirements in Building, the Extravagance of Cheapness, Financing the Building of a Home, and kindred subjects. A copy will be sent free to any prospective home-builder.

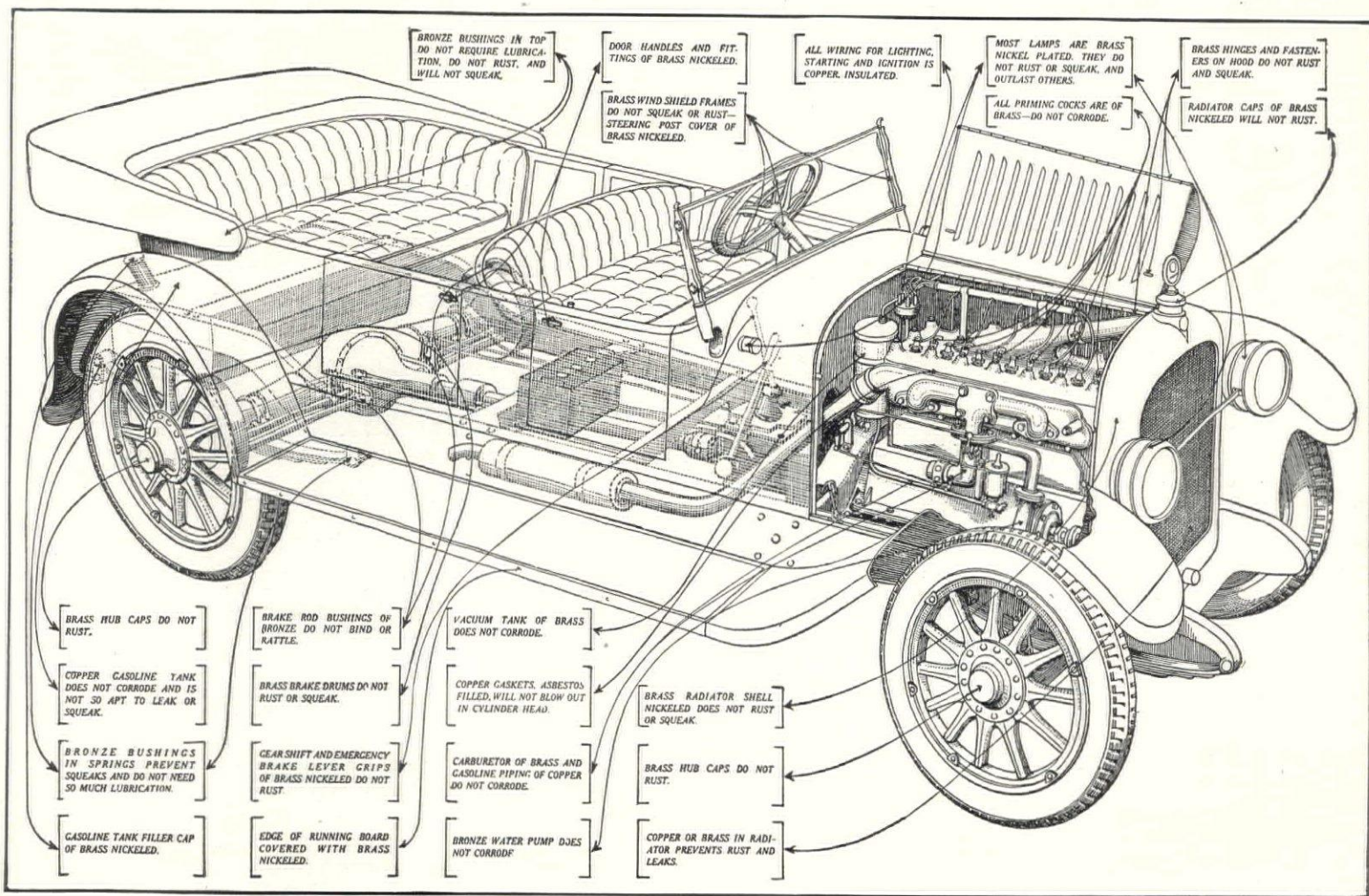
"*Face Brick Bungalow and Small House Plans*" embrace 96 designs of Face Brick bungalows and small houses. These houses are unusual and distinctive in design, economical to build, and convenient in floor plan. "Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses, and 7 to 8-room houses. The entire

set for one dollar; any one of the books, twenty-five cents. We can supply complete working drawings, specifications and masonry quantity estimates at nominal prices.

"*The Home of Beauty*" contains fifty designs of Face Brick houses, mostly two stories, representing a wide variety of architectural styles and interior arrangements. These houses were selected from 350 designs submitted in an Architectural Competition sent for 50 cents. We also distribute working drawings, specifications and quantity estimates for these houses at nominal cost.

"*Orienting the House*" is an illustrated booklet, with a sun dial chart and explanation for placing the house with reference to light and shade. Sent for 10 cents.

TO MAKE A GOOD CAR BETTER



YOU are one of millions of Americans who are rapidly learning a great deal about automobiles.

You want to know *why* your car goes, particularly why it *goes wrong*—so, you want to know what it is made of.

You cannot have a really efficient car without Copper, Brass and Bronze in certain parts. And, in other parts, where there might be a choice, Copper, Brass and Bronze make a good car better.

Assure yourself that Copper, Brass and Bronze are used for the parts indicated on this page.

Ask the dealer when you buy a car.

SEND FOR A COPY — FREE

A readable book which every car owner should have. Illustrated by simple, non-technical drawings. Full of helpful information. Mail this coupon now. Ready in about two weeks.

COPPER & BRASS RESEARCH ASSOCIATION

25 Broadway - New York

COPPER & BRASS RESEARCH ASSOCIATION,
25 Broadway, New York, N. Y.

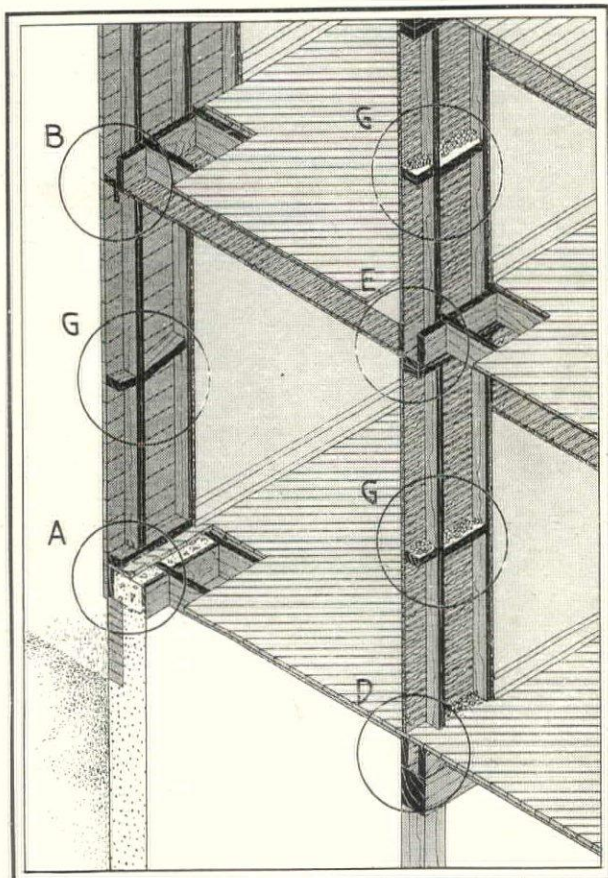
Send me without charge a copy of the book

“TO MAKE A GOOD CAR BETTER”

Name _____

Street and number _____

City and State _____



IT may be a new thought to many that fire-stopping is essential to fire-safety in any house—regardless of the materials used on the outside.

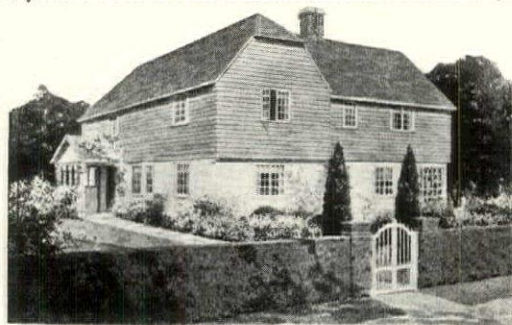
How easily a house may be fire-stopped is shown by the method illustrated above.

By the use of headers between wall studs and floor joists these flue-like openings are divided into compartments, which retard the quick spread of fire and allow time to extinguish it without serious damage.

In the light of the fact that 96% of all dwelling house fires originate inside the house, fire-stopping is infinitely more important than the use of non-combustible materials on the outside.

Unfortunately, fire-stopping is one of the essentials of a well-constructed house that the "low-bid" contractor is likely to disregard.

In selecting your contractor you will find valuable help in "The High Cost of Cheap Construction," a booklet that explains the essentials of correct building practice in language that any home-builder can understand. Sent free on request.



House of Cottage Type—English Style

THIS house reflects the spirit of the cottages found throughout Kent, Surrey and Sussex, England. This cottage of English style is another of the 16 architectural styles illustrated and discussed in "Good Houses," a book for home-builders interested in good design and efficient planning. Sent free on request.

If the Home-builder Would Listen More to a Good Contractor

YOU can know in advance whether your house is going to be the success you want it to be by your contractor's attitude toward a few essential principles of house construction.

The "low-bid" contractor isn't necessarily the cheapest. He may be forced to short cuts to justify his price and make a profit. Dealing with this type of contractor you will get no more than you pay for—perhaps less.

THERE is another type of contractor who talks in terms of a first-class job. He knows the importance of fire-stopping and the other construction essentials often overlooked.

He will put a little more time and materials into your house but they are cheap insurance against future repairs and endless annoyances. He makes every foot of lumber deliver 100% service.

In the long run he is the cheapest and most satisfactory. That is why we say, go to a legitimate contractor. Why we have published "The High Cost of Cheap Construction," referred to on this page.

YOU will find this high type of contractor is as particular about the lumber he uses as the way he uses it—demanding more and more, lumber of the Weyerhaeuser standard of quality, trade-marked with the manufacturer's pledge of personal responsibility.

You will find, too, that the dealer from whom he buys his lumber knows the value of thoroughly manufactured and properly dried lumber; and that he carries in his stock Weyerhaeuser lumber of the kinds and grades that meet building requirements in your locality most economically.

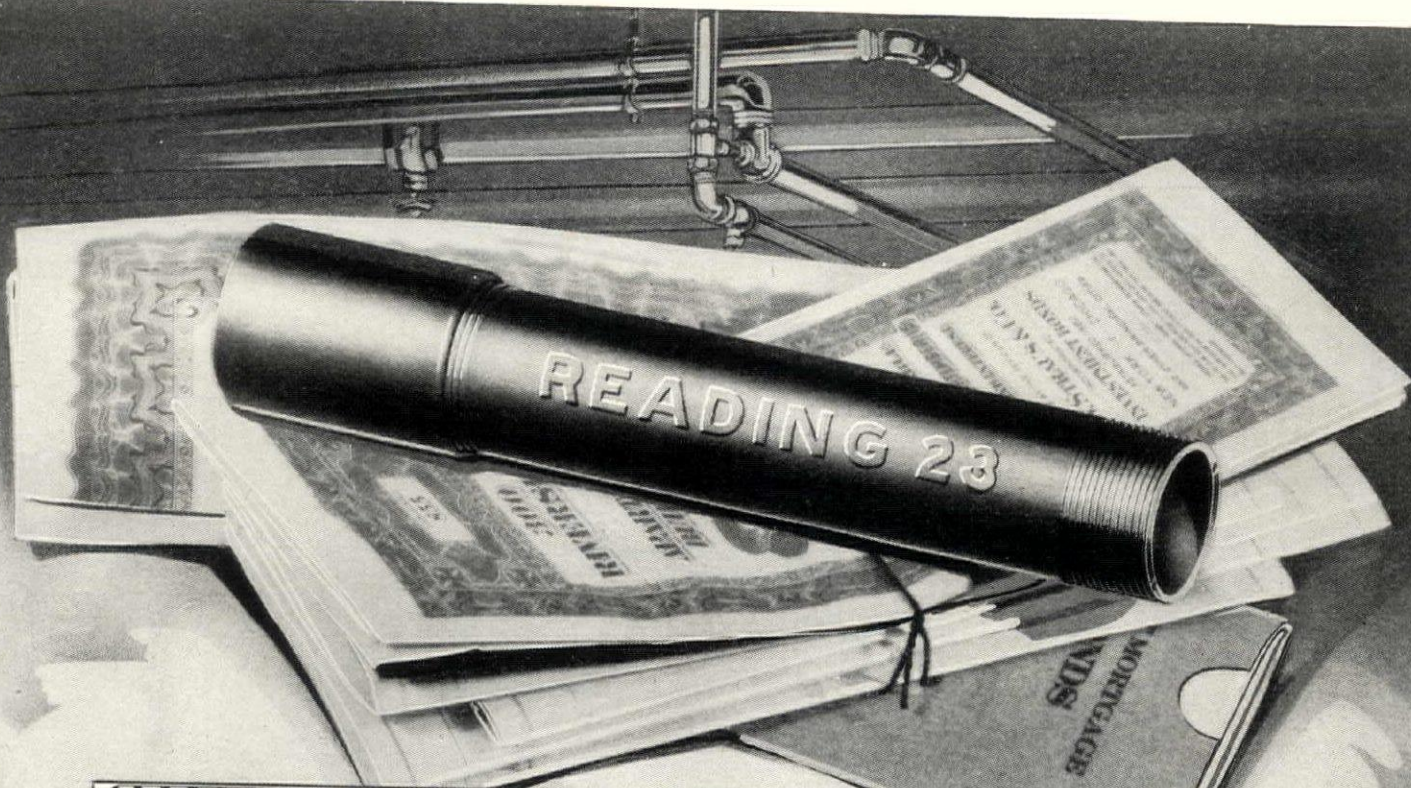
Weyerhaeuser Forest Products are distributed through the established trade channels (to contractors and home-builders through the retail lumber yards) by the Weyerhaeuser Sales Company, Spokane, Washington, with branch offices and representatives throughout the country.

WEYERHAEUSER FOREST PRODUCTS SAINT PAUL • MINNESOTA



Producers of Douglas Fir, Pacific Coast Hemlock, Washington Red Cedar and Cedar Shingles on the Pacific Coast; Idaho White Pine, Western Soft Pine, Red Fir and Larch in the Inland Empire; Northern White Pine and Norway Pine in the Lake States





The House That Has Never Sold An Unsafe Investment, Endorses Genuine Wrought Iron Pipe

FOR forty years S. W. Straus & Company, of New York, has concentrated its efforts on bonds that are free from risk and regrets. Since the house was founded in 1882, every Straus First Mortgage bond and coupon has been promptly paid without loss or delay.

And for forty years the reputation of this nationally known organization has rested largely upon judgment exercised in the placing of building loans. Every feature of construction must meet exacting requirements—only materials that endure are acceptable, and the use of genuine wrought iron pipe is approved for the water lines of all plumbing systems.

Good pipe is a vital factor in the safeguarding of investment values. Poor pipe always costs far more than you pay for it at the time of installation. In the factory, inferior piping is both a menace to property and production. In the home it means the annoyance and expense of tearing out walls and floors—replastering, repainting and redecorating.

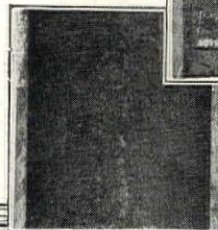
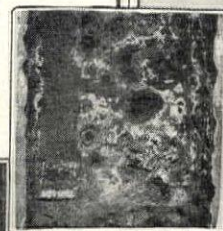
When you build or remodel your home, or the home of your business, safeguard your own investment as the S. W. Straus Company safeguards the investments of thousands of men and women throughout America.

Insist upon the use of pipe which makes your plumbing or heating system an asset rather than a liability.

The Ultimate Cost—an illustrated booklet of interesting facts and figures explains why Reading Genuine Wrought Iron Pipe has a life two to three times that of steel.

At the right—Steel Pipe 8 years in service.

Below—Reading Genuine Wrought Iron Pipe in Service for 24 years.



67 Park Avenue

102nd St. and Riverside Drive

12 East 86th Street

Broadway and 91st Street

The buildings above were erected by the aid of Straus loans

READING IRON COMPANY

READING, PENNA.

Boston
New York
Philadelphia

Baltimore
Pittsburgh
Cincinnati

Chicago
Fort Worth
Los Angeles

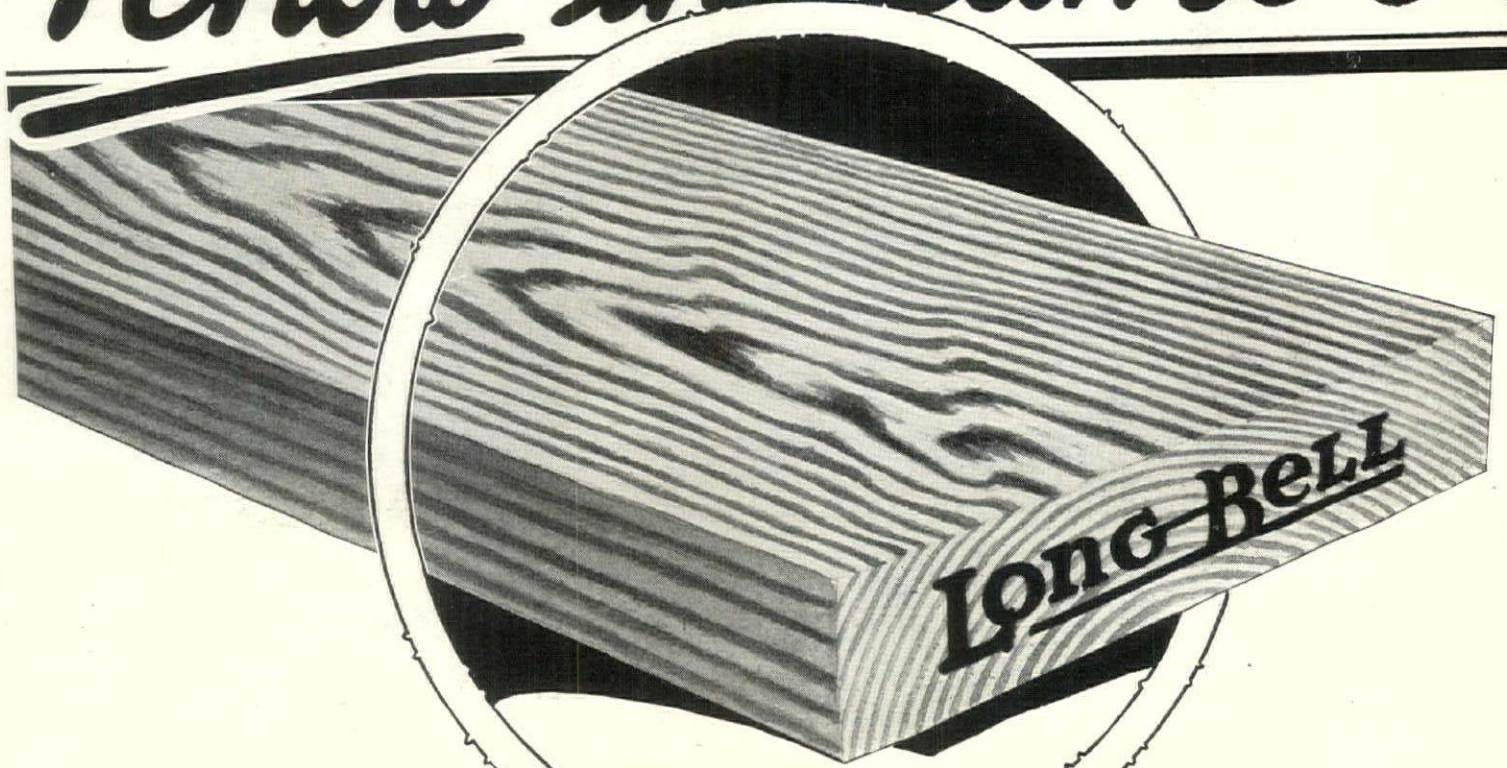
World's Largest Producers of Genuine Wrought Iron Pipe

READING

GUARANTEED GENUINE

WROUGHT IRON PIPE

Know the Lumber



LONG-BELL

Trade
Marked

L U M B E R

*That Roof over your head
Those Walls about you =*

Why

You Can Depend On LONG-BELL LUMBER

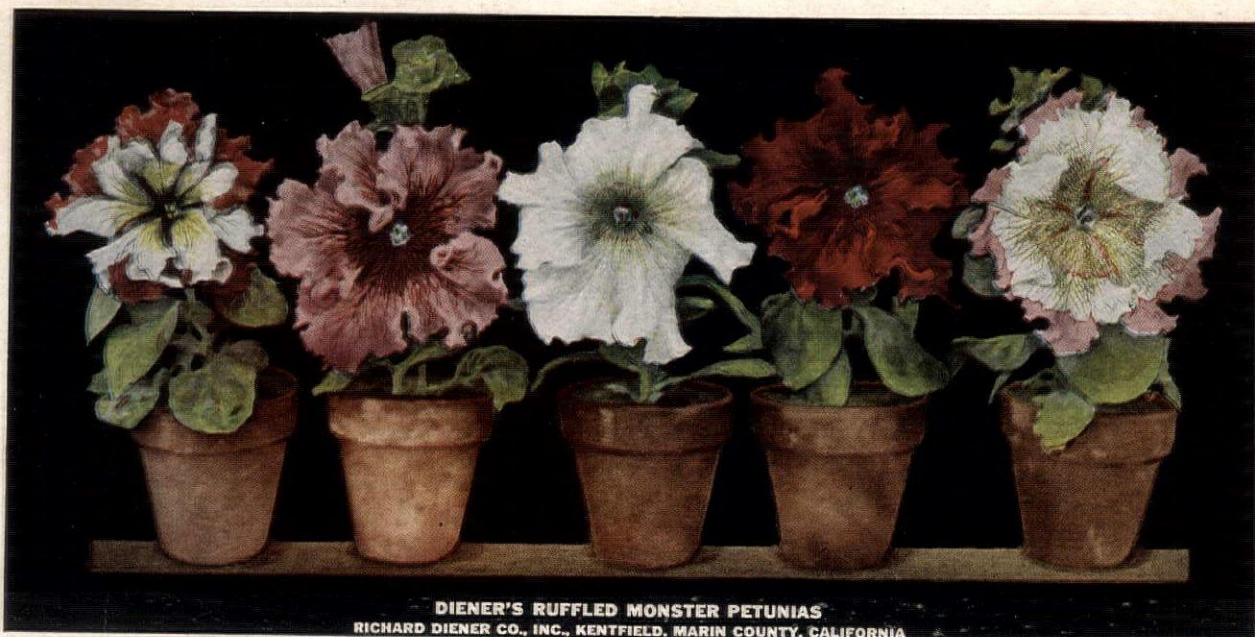
- 1.—From virgin forests.
- 2.—Unsurpassed accuracy and thoroughness of manufacture.
- 3.—Unusual uniformity of grading.
- 4.—Uniformly seasoned.
- 5.—Economical, because it may be put into construction with the minimum of carpenter labor.
- 6.—Gives permanence to building, satisfaction, investment.
- 7.—Its source of manufacture is known by the Long-Bell trade-mark on every board.

mean protection and shelter to you and your family. They mean *home* where you will spend the major part of your life. Surely you want to make that home the best possible whether it is to be a modest cottage or a costly mansion; *therefore* you will put into it only materials upon which you can positively depend. You will insist upon only good workmanship in its construction. For these mean a snug and sturdy dwelling—and economy, too.

By using Long-Bell lumber in your home you are *assured* of dependable lumber. From virgin forests, carefully manufactured, properly seasoned, uniformly graded—every precaution is taken to make Long-Bell lumber dependable. Your guide to this kind of lumber is the name Long-Bell on the end of every board.

*You can KNOW the lumber you buy.
Ask your lumberman for Long-Bell brand.*

The Long-Bell Lumber Company
R.A. LONG BUILDING Lumbermen since 1875 KANSAS CITY, MO.



Diener's California Creations Will Thrive in Your Garden!

WHEREVER Gladioli will thrive and grow, wherever simple posies rear their heads towards sun and sky, *there* you may grow any of the many remarkable floral creations due to the efforts of Richard Diener. For years he has striven to produce finer forms of flowers and among them none rank higher than his

Famous Ruffled Monster Petunias

In size, beauty and free flowering qualities these are absolutely unique. Twelve weeks from the time of sowing seeds HOUSE & GARDEN MAGAZINE readers should be able to produce plants as shown above in colors. Besides this particular sort, a dozen distinct varieties are available, ranging in color from deepest mahogany through all the shades of red and pink and white, many of them variegated, all of them of largest size.

For further details consult catalogue giving also full directions for raising Petunias from seeds. Packages containing about 400 seeds, 50c each.

Glorious New Race of Giant Gladioli

At flower shows throughout the country during the past year the new Diener Hybrids continued to be the center of attraction. Such varieties as Jack London, Annie Eberius, Else Rose, and many others too numerous to mention are still constituting the finest of their type and kind. Twenty pages of the Diener catalogue are devoted to descriptions of marvelous new creations all of which may be grown to perfection wherever Gladiolus will grow and thrive. Gladiolus enthusiasts will do well to write for the catalogue at once.

Other Diener Specialties for American Gardens

The new Mammoth Amaryllis Hybrids surpass in size any known heretofore. Seeds of these are offered as well as a special strain of Giant Excelsior Pansy, various Primroses, while we have Mr. Diener's promise that extraordinary surprises are in store for those among HOUSE & GARDEN MAGAZINE readers who are Dahlia enthusiasts. Even if you are not ready to order right now, be sure to write for the Catalogue mentioned alongside.

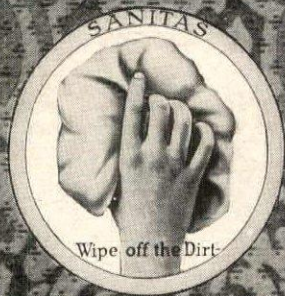
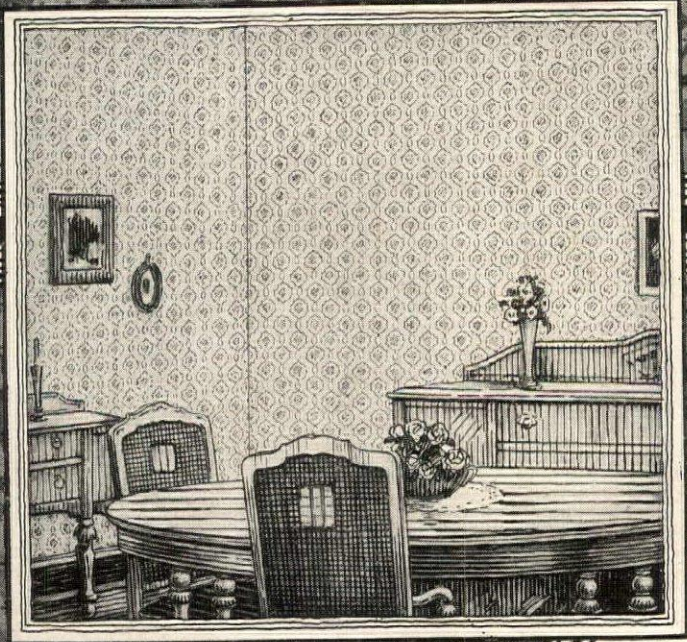
Beautifully Illustrated Catalogue Mailed—FREE

The Diener catalogue is a work of art with cover showing flowers in natural colors while throughout the book reproductions from photographs splendidly printed attempt to familiarize the reader with many rare and superior strains of flowers as well as some vegetables and fruits. Copy of this catalogue will gladly be mailed to every reader mentioning HOUSE & GARDEN MAGAZINE.

RICHARD DIENER CO.,
INCORPORATED

KENTFIELD, MARIN COUNTY

CALIFORNIA



A wall covering you can keep clean

Materials that show finger marks, or water and dirt stains are unsanitary and make unsightly walls. No wall covering is permanently beautiful unless it can be cleaned easily.

SANITAS

MODERN
WALL COVERING

is made on cloth; does not crack or tear. Its machine-painted surface does not fade, will not absorb grease or water, can be kept clean with a damp cloth.

Sanitas can be applied to any flat surface. Cracks in old plaster walls will not show through Sanitas. On walls made of composition boards, Sanitas eliminates panel strips, as seams will not show.

Sanitas comes in "styles for every room in the house."

Enamel Finish Flat Finish Decorative Patterns

<p>in plain colors, striped, mottled, tile and mosaic effects, for kitchens, bathrooms, laundries, etc.</p>	<p>plain colors, flat tones that can be paneled, stenciled, frescoed, stippled, or blended.</p>	<p>floral designs, productions of tapestry, grass-cloth, chambray, burlap, leather, rough-tile and stucco.</p>
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*See Sanitas at your decorator's
Write us for samples and booklet.*

THE STANDARD TEXTILE PRODUCTS CO.
320 BROADWAY, NEW YORK

Dept. 21





©1922 BY THE GENESEE PURE FOOD COMPANY

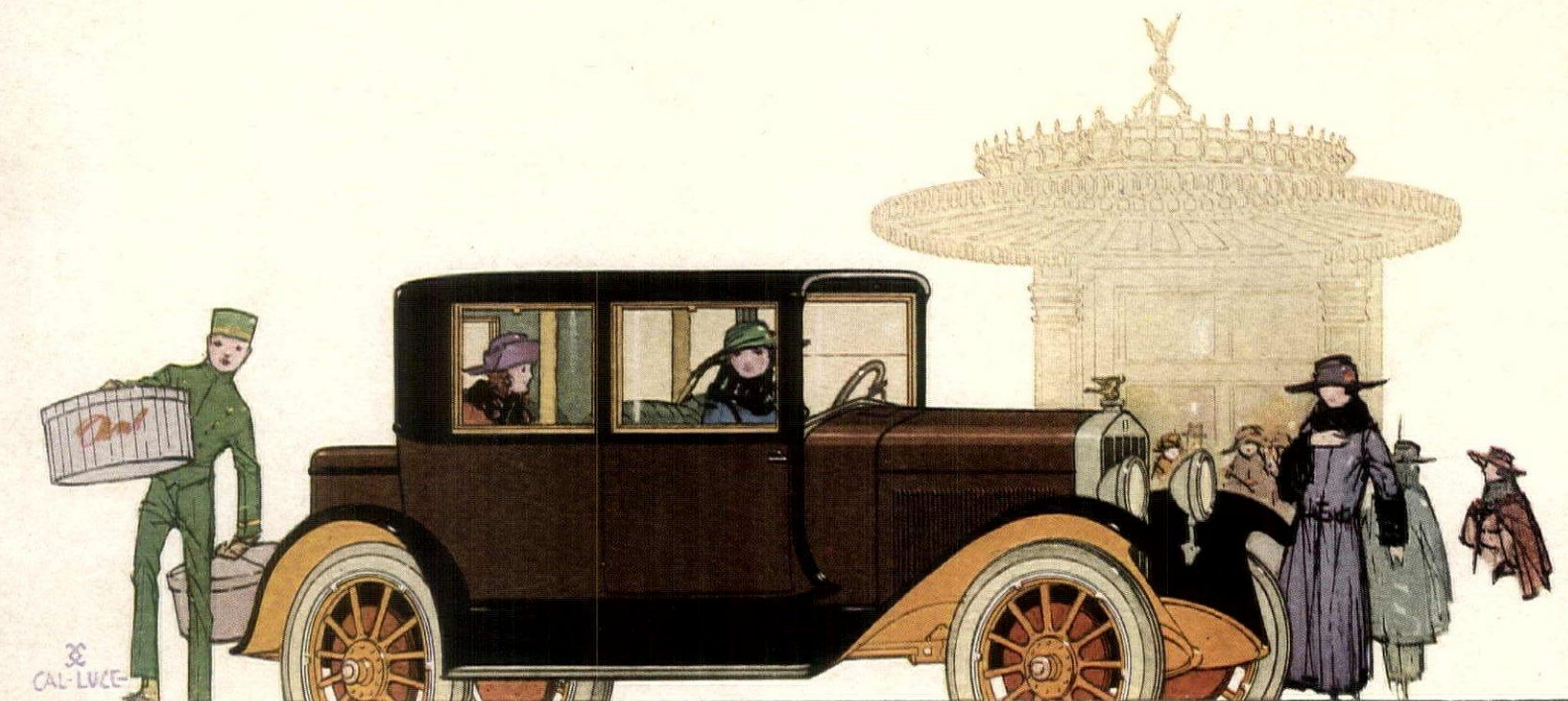
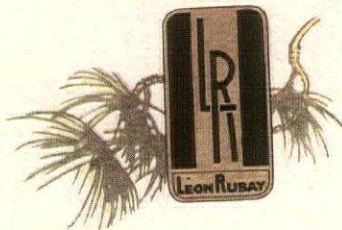
HOWEVER simple or however formal, the custom of taking tea is one of the pleasant usages that have persisted ever since the Orient became known to the western world. Associated with this rite of sociability has been the thought of other delicacies appealing alike to the sight and taste. So Jell-O, which is made as easily as a cup of tea is brewed, is an unquestioned accessory to this gentle ceremonial of hospitality.



America's Most Famous Dessert

JELL-O

The American Offices and Factory of the Genesee Pure Food Company are at Le Roy, N. Y., in the famous Genesee Valley Country. The Offices and Factory of the Genesee Pure Food Company of Canada, Ltd., are at Bridgeburg, Ontario, on the Niagara River.



FOR the automobile owner of discriminating taste who wants something a little better, a little more distinctive, a little more appropriate for city driving, the Léon Rubay Voitures de Ville are especially intended.

Brougham 1 Coupe 1 Sedan 1 Cabriolet 1 Berline

THE RUBAY COMPANY

Cleveland

The plain or moulded cap head casing has a groove on the under side of the water-drip to prevent water from running back under the head casing.

Accurately joined.

The head jamb is complete with head blind and parting stops in place.

Pulleys of high grade cast iron, made especially for Andersen Frames. Even high quality blued screws are used, and they are screwed all the way in by machines.

Side casings are bevelled to fit the sill, and cut square on upper end to exact length.

All exposed portions of Andersen Frames are of genuine White Pine—America's finest outside building lumber.

Pockets are cut, broken out and refastened with screws. Weights are easily inserted.

Side blind and parting stops cut exact, fitted for the sill, and fastened accurately in place.

This raised shoulder on the sill acts as a wind-break. Neither air nor water can enter into the room.

The Andersen trade-mark is your guarantee of quality materials and workmanship.

How to Buy Window Frames

IN selecting window frames be sure that they have all the advantages of workmanship and construction shown on this page.

Every Andersen Standard Frame has these features.

Because they are made by specialists, Andersen Frames have other good points that cannot be illustrated. Any dealer can make immediate delivery of 121 different sizes and styles, simply by interchanging heights and widths of the 11 sizes he carries in stock.

Instead of 57 parts as in the case of ordinary frames, each Andersen Frame is shipped in two compact bundles containing only 7 units which are complete with pockets and pulleys in place. This saves much time and labor because any carpenter can assemble the 7 units in ten minutes or less.

The accuracy with which Andersen Frames are made insures easy running yet snug-fitting windows. The use of White Pine, a wood which will not warp, rot, shrink or crack, keeps the frames accurate for all time and gives longer life.

By insisting upon Andersen Standard Frames you save money and get satisfactory performance over a long period of time.

You can obtain the complete story of Andersen Frame economies and advantages by writing direct to us. Please tell whether you are building your own home, or whether you are interested as an architect, contractor, carpenter or dealer.

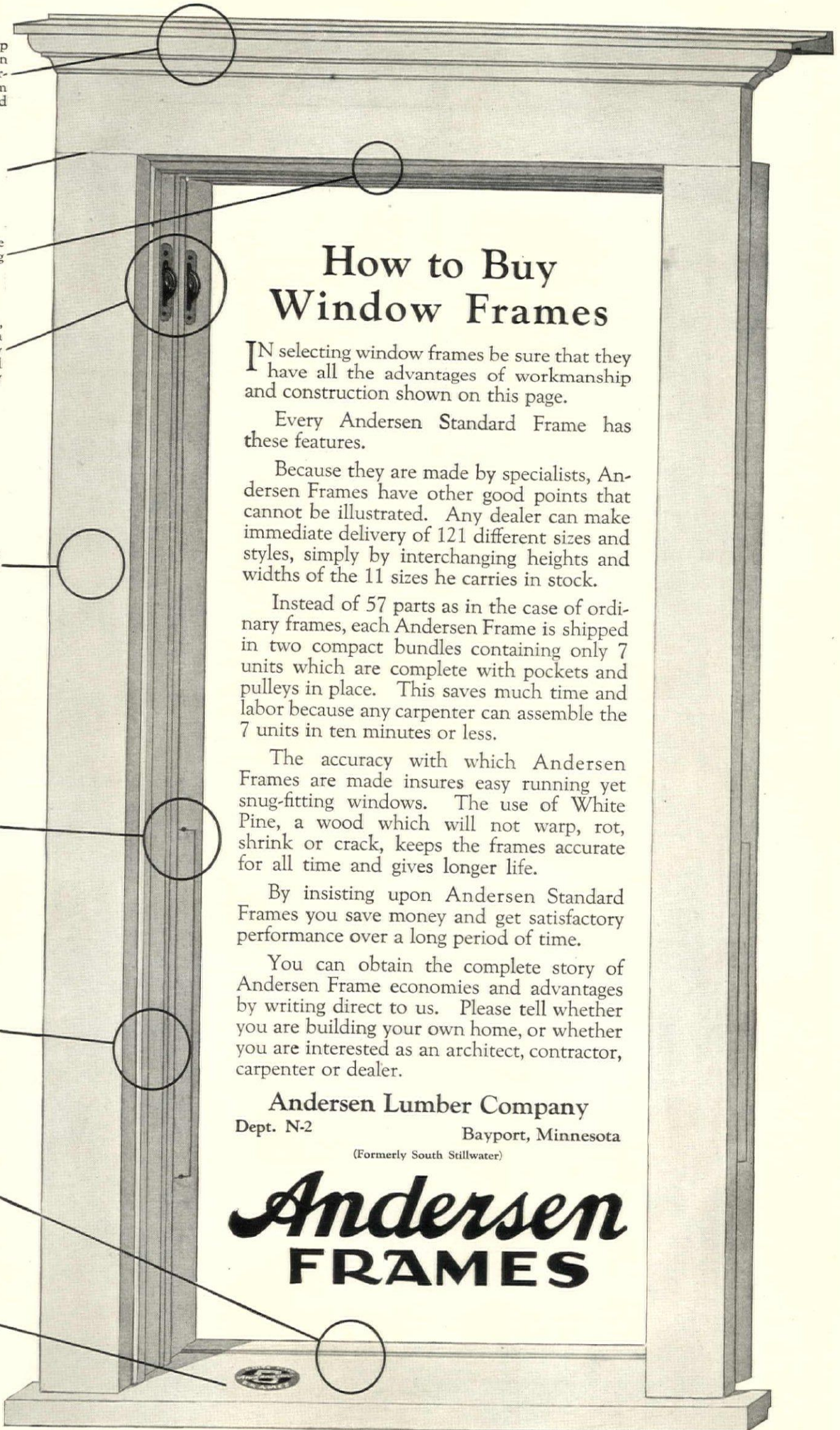
Andersen Lumber Company

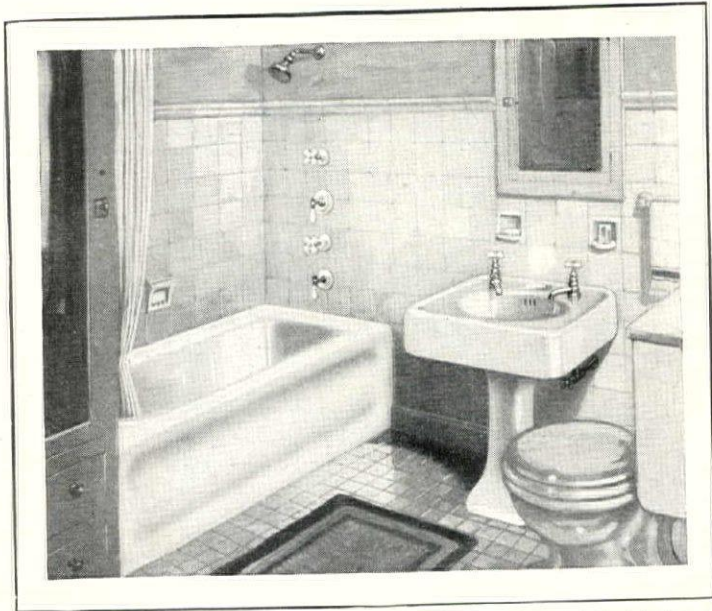
Dept. N-2

Bayport, Minnesota

(Formerly South Stillwater)

Andersen FRAMES





This five-foot "Viceroy" Built-in Bath is the type used in thousands of the finest homes and hotels

BEAUTY THAT YEARS HAVE BROUGHT

THE purchaser of Kohler Ware is the beneficiary of long years of research and progress which have culminated in the incomparable snow-white, glassy-hard covering of Kohler Enameled Plumbing Ware.

The same breadth of experience is reflected in Kohler designs: not only in their perfect fitness when measured by the tests of utility and sanitation, but also in their artistic quality.

A Kohler tub, a Kohler lavatory, or a Kohler sink gratifies the discriminating taste by its grace and dignity of line. The beauty of a bathroom fitted with Kohler fixtures is as much a tribute to

Kohler design as it is to the oft-remarked uniformity of whiteness to which every piece of Kohler Ware attains.

If you have not inquired recently of a good plumbing dealer, you are likely to be agreeably surprised to learn for how moderate an investment you may possess a truly fine modern bathroom with Kohler fixtures.

Or, if you are interested in an *extra* bathroom, you may find that you can easily spare the few feet of space which nowadays make possible a bathroom conforming to the highest standards of appearance and convenience.



Every piece of Kohler Enameled Plumbing Ware is exclusively distinguished for (1) the beautiful, snowy whiteness of its durable enamel (2) the uniformity of this whiteness in every fixture (3) the name "Kohler" in dainty blue letters inconspicuously but permanently fused into the enamel for your protection

KOHLER OF KOHLER

Kohler Co., *Founded 1873*, Kohler, Wisconsin · *Shipping Point*, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES

MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.



"BUILDING WITH ASSURANCE"

The most comprehensive book of its kind ever published.

WHAT heating system will warm your new home best? What style of lighting will combine best with your interior finish? Do you now know how to select hardware that will harmonize? Is the type of building you have selected best suited to the location of your site?

Scores of such important questions must be answered, *some time*, by every home builder. Each and every one has an important bearing upon the ultimate satisfaction, appearance and cost of your home. *Of how many are you sure?*

Avoid Disappointments

How bitter it would be if the home you have cherished in your heart so long, turned out a disappointment. How heartsick you would feel to have some trivial mistake—in selecting—some oversight in the choice of design, material or color make an eyesore of some pet room or nook.

These things happen every day. Even those who have built several homes are not exempt. And once you have made your choice, the die is cast. You cannot tear down and rebuild without great expense. You cannot throw away a house like a piece of unsatisfactory furniture. You cannot sell

just when and how you want. And usually the location has been your ideal for years.

A Guiding Hand

"Building With Assurance" the most widely discussed book in the building field, offers you a guiding hand.

It is designed to guide you past the errors that cause lifelong disappointments—and to help you save money.

The Contents

First, many modern cottages, bungalows and dwellings (with appropriate floor plans) are pictured in colors.

Then page after page of interiors, beautiful halls and stairways—rich dining rooms—inviting living rooms—dainty bedrooms—cozy breakfast nooks, etc. In it you get dependable advice on interior decorations and floor coverings, home lighting, modern plumbing, heating, paints and finishes, hardware that harmonizes, etc.

Mail the Coupon for Prospectus

"Building With Assurance" is not for general distribution. It is for earnest home lovers. Our prospectus tells all about it—reproduces actual pages, etc. This prospectus we will gladly send to those who mail the coupon.

There is no added cost for "Morgan-Quality"

This Book Tells You

- how to select a building site
- how to choose materials wisely
- how to avoid dreaded "extras"
- how to insure a dry basement
- how to select hardware that harmonizes
- how to landscape your yard
- how to choose satisfactory plumbing
- how to solve heating problems
- how to figure material costs
- how to plan ahead wisely
- how to get the most for your money

Address Nearest Office, Dept. A-2
 Morgan Sash & Door Co. Morgan Co.
 Chicago, Illinois Oshkosh, Wis.
 Morgan Millwork Co.
 Baltimore, Md.

MORGAN WOODWORK ORGANIZATION

"MORGAN-QUALITY"
 STANDARDIZED WOODWORK

Gentlemen:

I am a home lover, so please send me at once copy of your Prospectus, which describes "Building With Assurance."

Name

Address

Town State (130)



A Splendid Example

which has produced a Window Screen Cloth
made to wear for all time

WHEN men want to preserve for all time the likeness of an outstanding figure in their history they build a monument. With this idea of permanence foremost in their minds they seek a material that will resist the elements down through the ages, while still maintaining its original appearance.

For this all important medium they constantly choose bronze, because they know this metal has no equal for such everlasting service. With this undeniable proof of its quality in mind, the manufacturers of Clinton Window Screen Cloth accepted the obvious suggestion, and resolved to master the art of drawing bronze into wire and weaving it into screen cloth.

So the world now has at its service Clinton Pompeian and Golden Bronze Screen Cloth, made of an alloy of non-corrodible metals, ninety per cent copper, in material and workmanship constructed to last indefinitely.

The subject of screen cloth should be investigated carefully by the architect or home builder.

WICKWIRE SPENCER STEEL CORPORATION

41 East Forty-second Street, New York

WORCESTER

BUFFALO

DETROIT

CHICAGO

SAN FRANCISCO



How to polish
your
steel knives

MANY A WOMAN omits sharp steel knives from an otherwise perfectly appointed table merely because they are troublesome to polish. But retaining the original brilliant lustre of your steel blades is really a very simple matter.

It requires no more effort than turning the handle of this famous English Kent Machine. Within the round wooden case you see in the illustration are revolving buff leather strips and emery powder which impart a glistening mirror-like polish.

The Kent Knife Cleaning Machine is one of the exclusive imported devices you will find nowhere in America except at Lewis & Conger's—nine floors of household equipment.

Household size \$39

LEWIS & CONGER

45th Street and Sixth Avenue
NEW YORK



Residence at New Philadelphia,
O. Redwood bungalow siding,
cornice and columns.

Catholic school erected at Alton, Cal.,
in 1870 now being torn down for
its sound Redwood lumber.



Using an Old Landmark to Build a New Home

ON the hills overlooking the Eel River at Alton, California, they are taking down this old school built by Father Henneberry in 1870.

The Redwood lumber and shingles are as sound as the day they were nailed in place, half a century ago, and are being used in the building of a new farm

home and other buildings—a remarkable testimony to the permanence of frame structures built of Redwood.

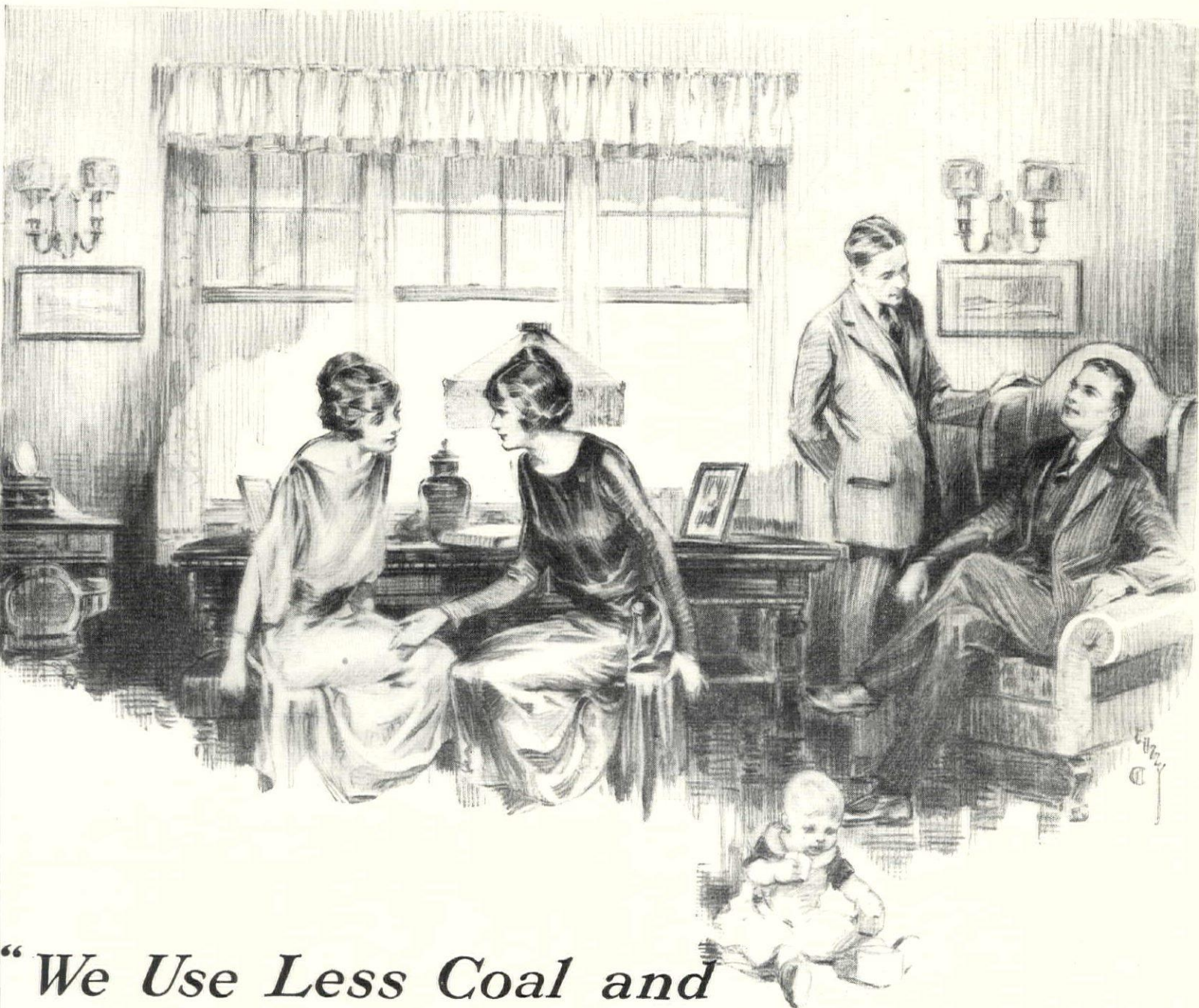
A natural, odorless preservative which permeates Redwood during growth protects it against all forms of rot and decay. Yet Redwood costs no more than woods of equal grade that cannot compare with it for rot resistance and all-round durability.

Before you build, send for our "Redwood Homes Booklet."

CHICAGO 3051 McCormick Bldg. NEW YORK 922 No. 40 Rector St. Bldg. SAN FRANCISCO 311 California St. LOS ANGELES Central Bldg., 6th & Main Sts.
THE PACIFIC LUMBER CO. of Illinois THE PACIFIC LUMBER CO.

The Pacific Lumber Co.
Redwood

The Largest Manufacturers and Distributors of California Redwood



“We Use Less Coal and Our House Was Never So Comfortable”

You will be surprised at the small cost of equipping your home with Chamberlin Metal Weather Strips. And they add so much to comfort, cleanliness and good household economy.

They keep out dirt, dust, soot and smoke. That ends one of the most tedious tasks of housework.

At 12,000,000 windows and doors Chamberlin Metal Weather Strips permanently end fuel waste and discomforts resulting from draughts.

Healthier Homes Result
They make homes dust-proof. Protect furnishings and decorations. End rattling doors and windows.

Children are safe from cold air currents. No cold spots. You are not driven from the bright, cheerful window by chill draughts.

Chamberlin Strips are used on 85% of all weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.

C H A M B E R L I N

Metal Weather Strips

They are guaranteed to last as long as the building. Any need for service or attention, no matter how many years hence, is cheerfully

rendered free, by Chamberlin experts. An estimate by our engineering department, on the cost of your equipment, is free.

Send the Coupon

Chamberlin Metal Weather Strip Company

Chamberlin Metal Weather Strip Co., Detroit, Mich.
 Tell me the cost of equipping my building with Chamberlin Metal Weather Strips (check whether home, factory, office building, church, school.)
 doors _____
 Give number of outside windows _____
 Name _____
 Address _____
 City and State _____
 Eng. Dept. F-3

Even "nice" children cut corners

PRESERVE your lawns. An Anchor Post Fence eliminates "corner cutting" and other trespasser nuisances. Anchor Post chain link fences are *galvanized throughout*. They combine strength and permanency with enduring beauty. The nearest Anchor Post office or agent will gladly send you our 16 page rotogravure catalog describing Anchor Post Fences, Electric Weld Railings, and Gates, or will be pleased to have a representative call on you personally.

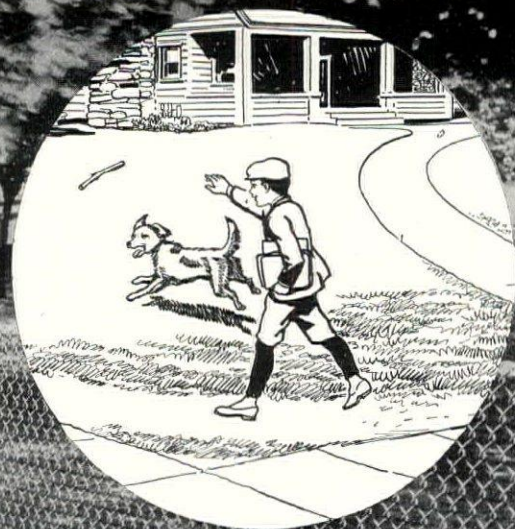
ANCHOR POST IRON WORKS

52 Church Street New York, N. Y.

Branch Offices

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Agents in other Cities



ANCHOR POST Fences

Arch't. Dwight James Baum, Riverdale, used long 24-inch "CREO-DIPT" Stained Shingles, finished "Dixie White" for side walls to secure an attractive wide shingle effect; Variegated Moss Green shades of 18-inch "CREO-DIPT" Stained Shingles on roof strengthened the Colonial White of the side walls.



YOUR home can be made to reflect all the individuality and charm that good architectural design can create if you use "CREO-DIPT" Stained Shingles on both side walls and roofs in the proper sizes and selected colors.

"Dixie White" treatment is especially adaptable to certain settings. Then, there are Greens, Browns, Reds and Grays, and unusual possibilities with variegated colors.

All straight grain shingles preserved with creosote and pure earth pigments ground in linseed oil insure long life building material. You save painting and repair bills.

Send 25c for Portfolio of fifty large Photographs of homes of all sizes by prominent Architects. Ask about our special "CREO-DIPT" Stained Shingles for Thatched Roof effect; also the large 24-inch "CREO-DIPT" Stained Shingles for the wide shingle effect on side walls, either in Dixie White for the true Colonial white effect, or shades of green, brown, red or gray.

CREO-DIPT COMPANY, Inc.

1012 Oliver St., North Tonawanda, N. Y.
Sales Offices in Principal Cities. Many Lumber Dealers Carry Standard Colors in Stock. Plant at Minnesota Transfer, St. Paul, for Western Distributors.

Portfolio
of Homes



"CREO-DIPT" Stained Shingles



Win-Dor CASEMENTS

are windows of balance. They are the simplest—hence—most pleasing windows architecturally.

They lend themselves with equal effectiveness to any style of architecture.

And **Win-Dor** Casements are remarkably convenient and practical.

They are not special windows—as regards sash and frame—but the traditional age old casement of England—made by your local miller or builder.

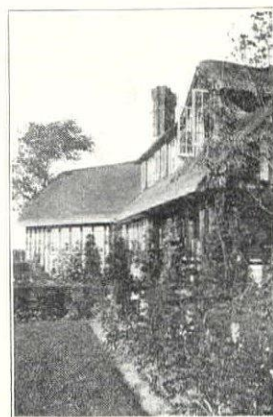
Their special feature—and the secret of their present popularity—is the 'Win-dor' hardware which makes them weathertight and insect proof.

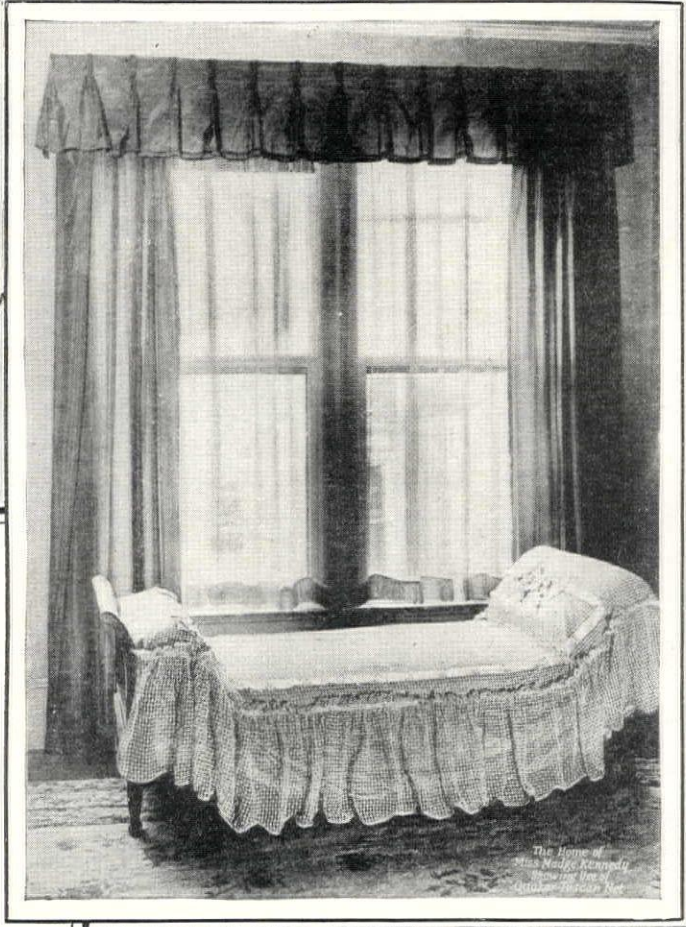
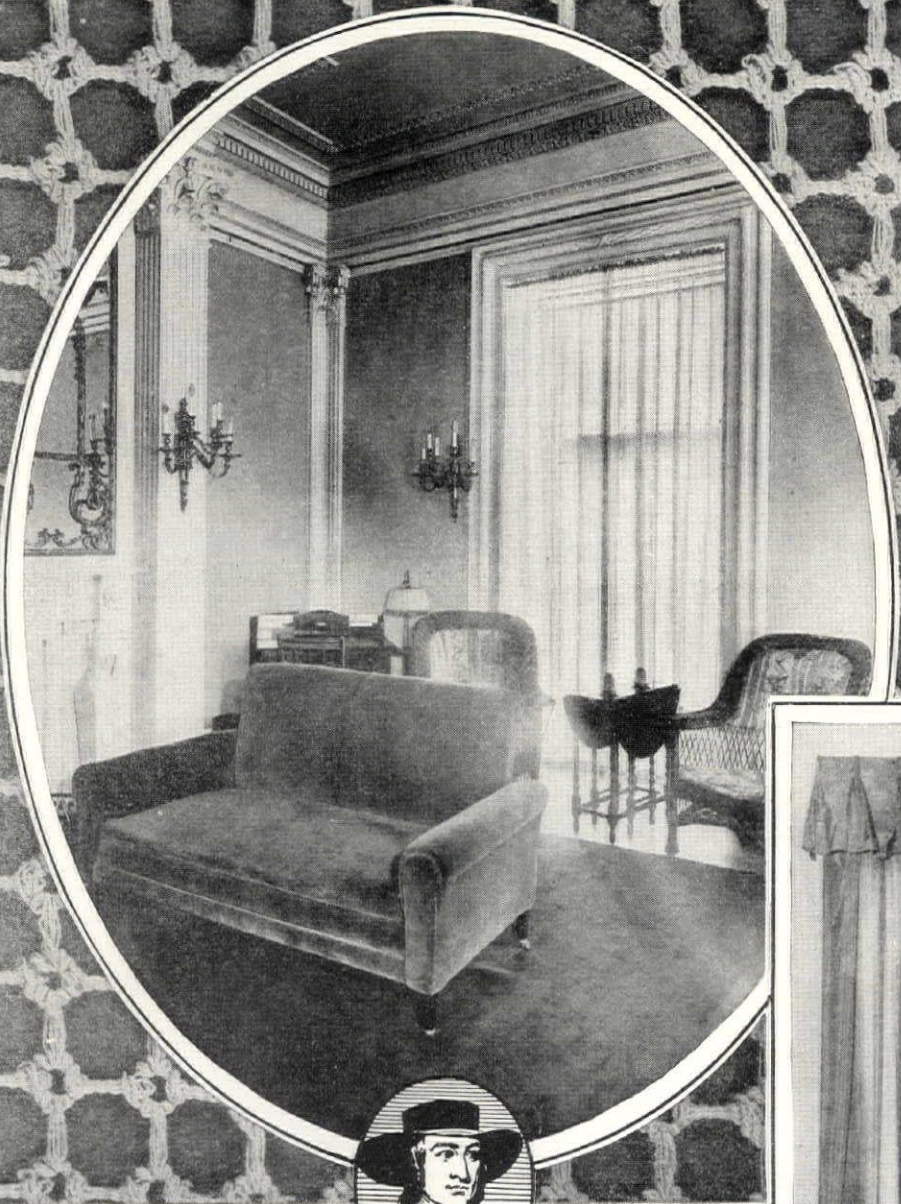
Win-Dor Casements are not expensive.

You will plan a better building by knowing 'Win-Dor' casements—write for details today.

THE CASEMENT HARDWARE CO.
220 Pelouze Building, Chicago, U.S.A.

ESTABLISHED 1906





The Real or the ---?

Many curtains are made in the image of Tuscan Net. It is not our idea to discourage any woman from buying these inferior curtains if she so desires. But we want to be sure that she who buys such curtains does not think them Tuscan Net. Plated silver only has its uses when you buy it knowing it is not sterling.

The net shown in the background is Tuscan Net—a trade marked Quaker curtain of which the trade mark is registered.

Other Quaker originations are Filet Grandee, Casement Craft, Shantung Net, and Oxford Cross Net.

Booklets That Will Help You

Booklets "Concerning Window Draperies," and "Twelve New Ideas for Decoration" will be sent free if you mention the name of the best retailer handling window draperies in your city or shopping center. Otherwise, enclose 10 cents in stamps.

The upper photograph shows the use of Tuscan Net in the lounge of the Women's City Club, New York.
The lower photograph shows a window and day bed draped with Tuscan Net in the home of Miss Madge Kennedy.



Quaker Lace Company
Mills, Philadelphia, Pa.
Wholesale Salesrooms, 890 Broadway, New York

16 in. Ilgair installed in wall with automatic shutter on outside. Residence of Mr. Guy F. Louis, Highland Park, Illinois.

Do Your Guests Know What is Being Cooked?

THREE times a day—twenty-one times a week—over a thousand times a year—greasy fumes, smoke, steam and odors from your cooking are borne by the air from your kitchen to every room in the house, where they linger for hours. Keep your menu a secret—make your home a cleaner, more healthful place by installing an

ILGAIR

The ILGAIR is a compact, quiet-running 16-inch direct-connected exhaust fan with a fully enclosed self-cooled motor that can be easily installed in the window sash or wall opening. Costs but a few cents a day to operate. It's a joy to work in a kitchen that is ventilated with an ILGAIR.

See your electrical or hardware dealer for demonstration or write us for free illustrated booklet.

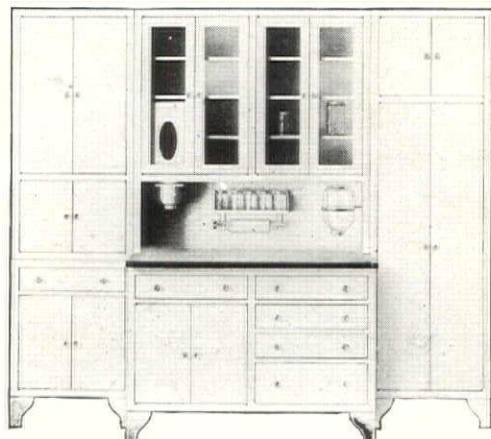


Ventilation

FOR OFFICES · STORES · FACTORIES · PUBLIC BUILDINGS · RESTAURANTS · THEATRES · HOUSES · ETC ·

ILG ELECTRIC VENTILATING CO., 2862 NORTH CRAWFORD AVE., CHICAGO

The WHITE HOUSE Line SECTIONAL UNIT STEEL DRESSERS



Side Unit No. 50 Dresser Broom Closet
Fills a space of 8' 6½" in width

The above combination of WHITE HOUSE units adequately fulfills the kitchen requirements of the moderate sized home. Construction is entirely of steel and the finish is white enamel, baked on. The compartments are pest-proof, odorless and roomy. Doors are equipped with bullet catches and semi-concealed hinges. The drawers have glass knobs, are frictionless and cannot stick or warp.

Write for illustrated catalog showing the great number of WHITE HOUSE units and the efficient manner in which they may be combined.

JANES & KIRTLAND

Established 1840

133 West 44th Street New York



MADE OF STEEL - THEY CAN'T GET IN

Lunken Windows

in your home are not equalled by any other single type of window on the market, and will add a touch of beauty, comfort and convenience that will distinguish yours from any other home.

LUNKEN advantages are many—

Double hung simplicity. Factory assembly as a guarantee of quality. Any partial shading arrangement. Any degree of ventilation from a mere crack top and bottom to the full 100% opening. Disappearing sash which does not extend into the room, nor stand out in the wind, nor interfere with screens. Rewirable, double sliding rust-proof metal frame, copper-bronze cloth fly screens cover the full opening and disappear at a touch into the window pocket. Window cleaning on both sides of the sash from inside the room without interfering with or damage to screening, and without resort to special hardware or operating directions. Zero tight when closed due to efficient copper weather-stripping—easy operation—perfect silence. Delivered from factory complete, glazed, fitted, hung, screened, weather-stripped, tested and guaranteed ready to set in the wall. Investigate the many advantages of Lunken Windows before planning new buildings. Grant us the privilege of sending complete and detailed information. Write to-day.



THE LUNKEN WINDOW CO.
4218 Cherry St. Cincinnati, Ohio



Lunken Windows Installed in Residence, Mr. Weise, Bridgeville, Pa.

Difficult Window draping Treatments made Easier

with KIRSCH Curtain Rods. For instance:

- Bay Windows
- Extra Wide Windows
- French Doors or Casement Windows.

The Extension bay window rods fit "bays" of any angle. The Kirsch extension sections build up a rod of any length for wide windows. Casement windows and French doors are taken care of effectively and easily. Some of these rods are illustrated at the left.



Kirsch CURTAIN RODS

Simplify every draping problem

They come single, double, triple, for any desired effect; extension style or cut-to-length, to fit any window. The flat shape of Kirsch Curtain Rods insures neatness and beauty, unmarred by sagging. The Velvetone Brass or Velvetone White finish stays like new for years. The Kirsch Bracket is strong, simple and safe. Unrivalled for practical utility. The rod is attached or taken off by merely tilting, yet never comes down accidentally.

Sold by Better Dealers Everywhere

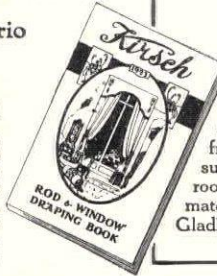
KIRSCH MFG. CO., 240 Prospect Ave., Sturgis, Mich., U.S.A.

KIRSCH MFG. COMPANY OF CANADA, Ltd., 451 Tecumseh Street, Woodstock, Ontario

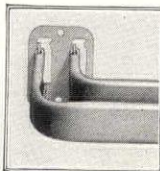
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Illustrated in Color

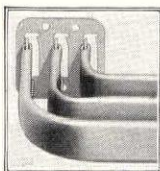
for planning your window drapes. It's our 7th Annual Book—and the most valuable of all. The window treatments range from the simple to the elaborate; suggestions are given for every room, with practical information on materials, rods, color schemes, etc. Gladly mailed free on request.



Single Rod showing rod as it is attached. Easily goes on or comes off the Kirsch bracket by tilting, yet never comes down accidentally.



Double Rod showing Kirsch double bracket and end of rod for securing various draping effects. Window No. 2 above is a good example.



Triple Rod showing Kirsch triple bracket and end of rod, for more elaborate draping effects, as pictured in windows 1 and 3, appearing above.

Remember to ask for Kirsch - The Original Flat Curtain Rod.

Vogue.

suggests

that before you spend a penny on your new clothes, before you even begin to plan your spring and summer wardrobe, you consult these six great spring fashion numbers:

Forecast of Spring Fashions

February 15

You don't have to sit in Sherry's window, or tea at the Ritz—the full pageantry of the spring mode goes by in Vogue. Not only the wonderful advance French importations, the Fifth Avenue originations, the once-in-a-life-time loveliness—but the very things you'll need yourself, from earrings to shoe buckles.

Spring Millinery

March 1

Are you satisfied with your hats? If you aren't—study your face; study the Spring Millinery number of Vogue. Don't think of merely "shopping for a hat." Know what you want before you leave the house. Know Vogue.

Smart Fashions for Limited Incomes

March 15

You will appreciate this number of Vogue,—the well-chosen accessories, the beautifully tailored suits, the hats with just that chic, the clever adaptation of what you have, to what you'll need by the middle of next month.

Early Paris Openings and Brides

April 1

The secrets of the ateliers are guarded like the secrets of diplomacy—but you can see them all, the marvellous evening gowns, the clever little street dresses, the hats and blouses and negligees and children's clothes that Paris has worked as never before to produce. Vogue has the very loveliest of them—sketched and described.

Paris Fashions

April 15

By cable and special letters Vogue has received the very latest news from the "Openings." And in this issue are all the caprices and affectations of a Paris eager for the new season.

New York Fashions

May 1

Jauntily self-assured, the New York Fashion Number of Vogue brings to you the new modes—New York itself—gay with the sparkle and color of a new season and its new fashions.

During the very period when these numbers appear, you will be selecting your spring and summer wardrobe, and paying out hundreds of dollars for the suits, hats, gowns, and accessories you select.

Why take chances, when by placing an order with your newsdealer for these all-important issues at 35 cents a copy, or for the eleven numbers at \$2.00—a tiny fraction of your loss on an ill-chosen hat or gown—you can insure the correctness of your whole wardrobe for the next three seasons?

VOGUE

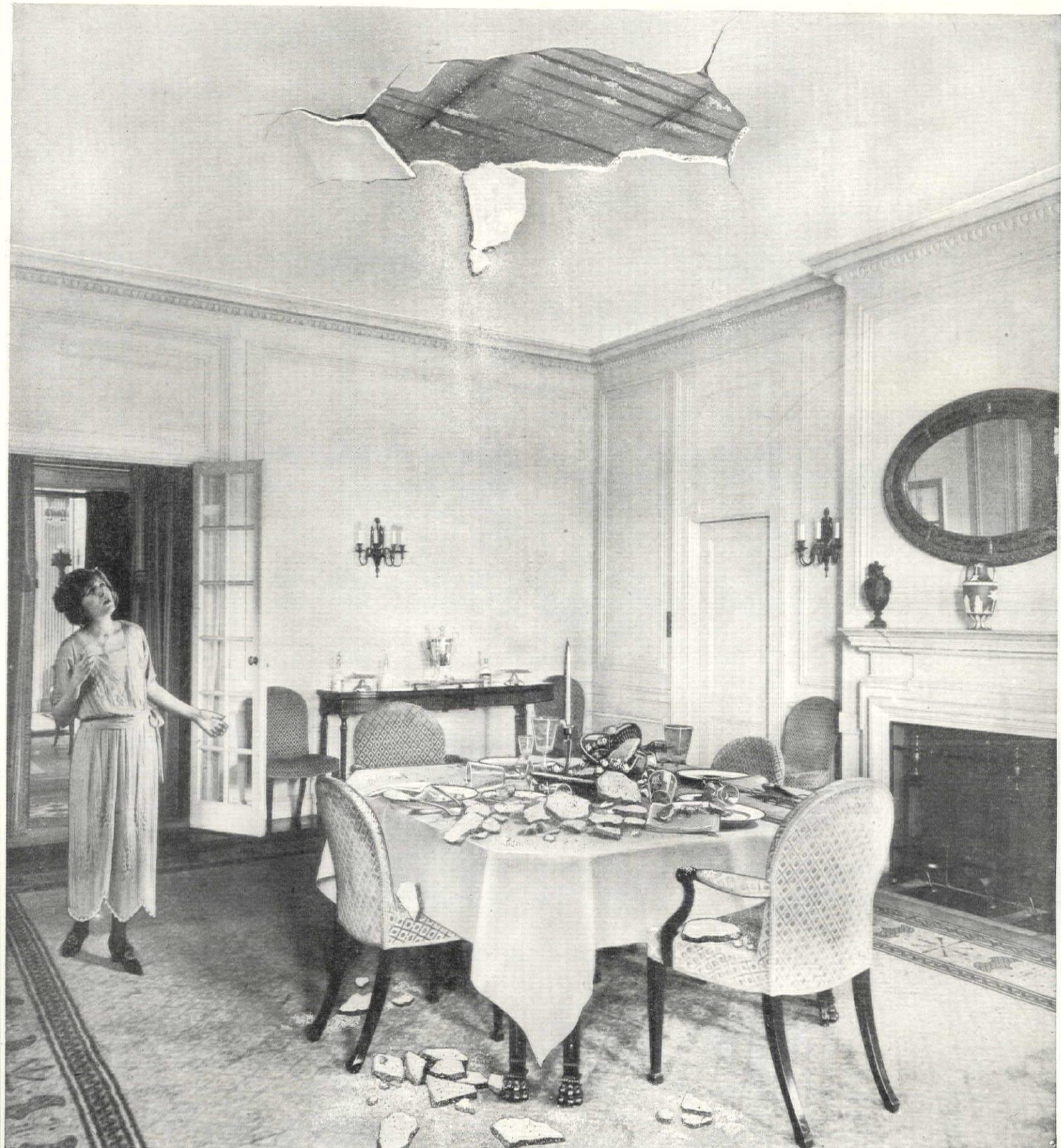
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EDNA WOOLMAN CHASE, *Editor*

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19 West 44th Street, New York City

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 Enclosed find \$2.00 for which enter my subscription for the next eleven issues of Vogue. This will include all the spring and summer numbers. I am a new subscriber. (The regular annual subscription price is \$5.00 for 24 issues.)
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 H. G. 2-23



She Cried!



It was such a muss * * * — and guests expected * * * — besides the expensive repairs to come!

Worse, it was an unnecessary accident. The ceiling would not have cracked and fallen had the plaster been applied over METAL LATH.

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KNO-BURN Metal Lath not only prevents plaster cracks and streaks but makes the home fire resisting.

**NORTH WESTERN
EXPANDED METAL CO.**

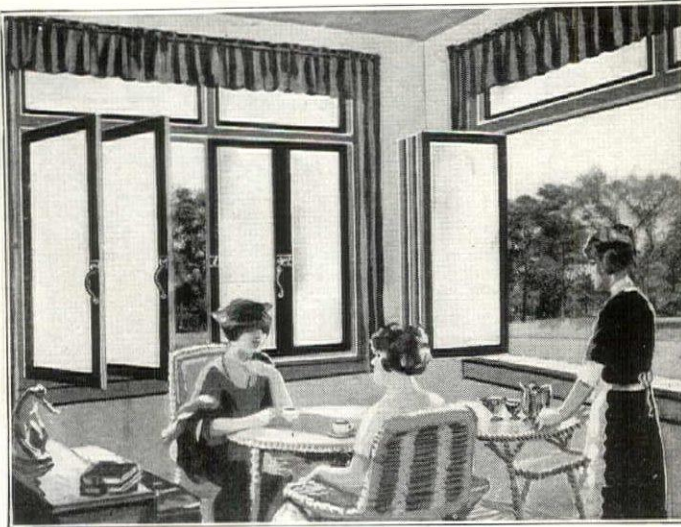
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1237 OLD COLONY BLDG., CHICAGO

**Kno-Burn
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"The Steel Heart of Plaster."



The Modern Way to Health

Glowing health and nature-tinted cheeks follow fresh air and sunshine. Let these health-builders into your home with *AiR-Way* Multifold Window Hardware.

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Most reliable hardware and lumber dealers can supply you with *AiR-Way* Multifold Window Hardware. If not, it may be quickly secured from any one of our many branches. Write today for a copy of Catalog M-28.

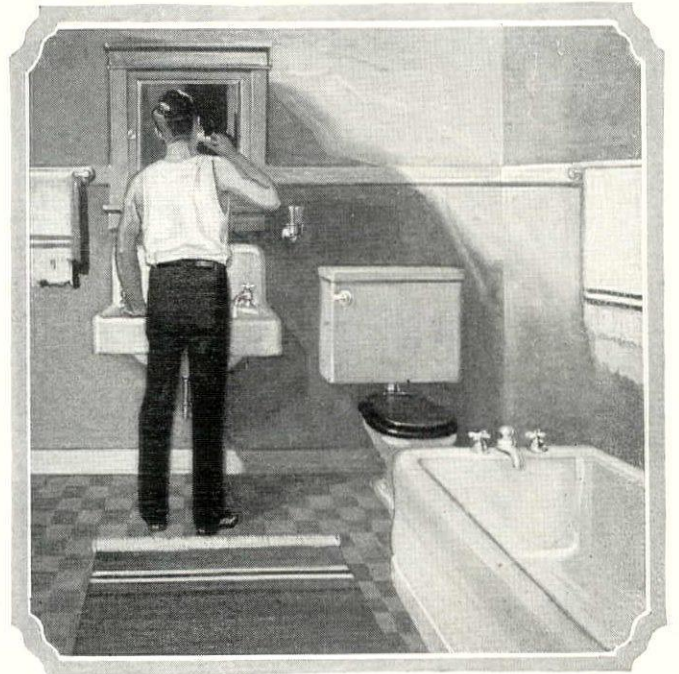
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Manufacturers of "Slidetite"—the last word in garage door hardware



Running Water for Every House

With This Private Pumping Station

For the house in the suburbs, the summer home, the farm house or any isolated dwelling, the Fairbanks-Morse Home Water Plant brings all the comforts and conveniences of city water service.

It supplies an abundance of running water *under pressure* for house, outbuildings and grounds. It is a simple, reliable, economical private pumping station for any home.

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FAIRBANKS-MORSE HOME WATER PLANT

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This gives you enough water for every ordinary need. Easily installed. Trouble-proof. Lasts for years. Now selling at low price. If you do not know our local dealer write us for complete literature.

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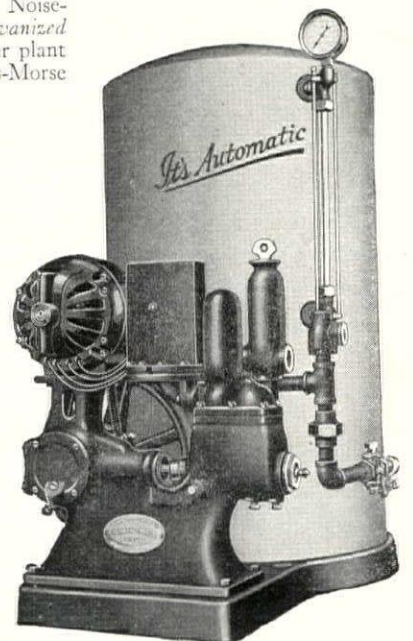
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"The Wood Eternal"

You Both Love to Linger

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Vol 28 is the Trellis & Arbor Book. 68 pages. 28 pictures. 23 working plans with specifications. 2 valuable Vine Charts. FREE on request. Write.

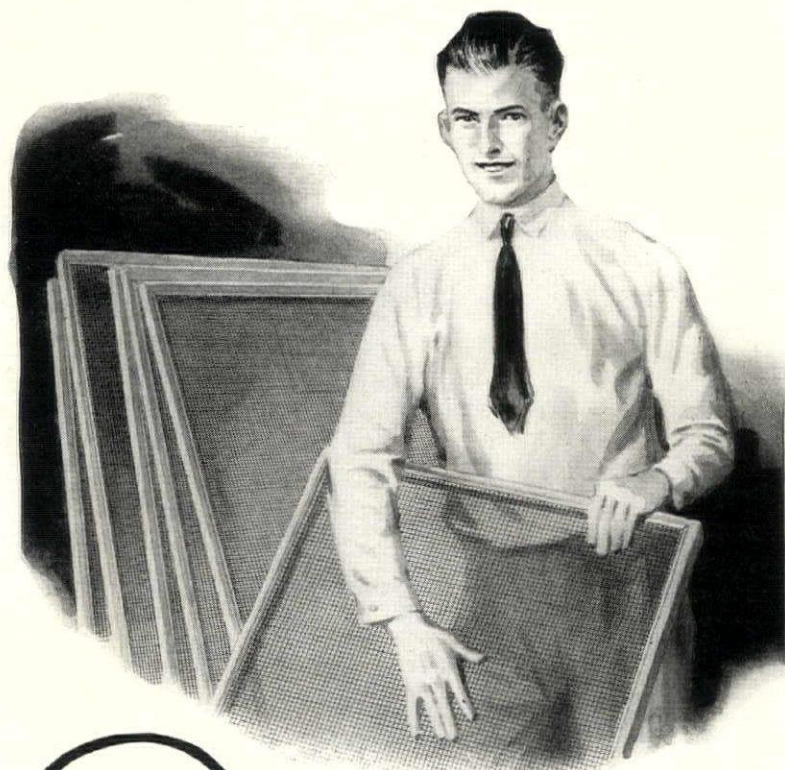
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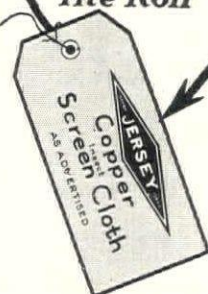
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If he hasn't it please advise us promptly and we will see that you are supplied



Look for
This Tag at
The End of
The Roll



WHAT condition will your screens be in when you get them out in the Spring—ready for use or in need of repair?

Unless they are pure copper—Jersey Copper—they will not be as good as they were when you put them away. Almost every metal commonly used for screening, with the exception of pure copper, will deteriorate during the winter. Often ordinary screen cloth that in October appears good for another season is good for nothing in May.

Jersey Copper Screen Cloth, on the other hand, will last almost indefinitely under normal conditions. This cloth is unusual in two respects. First, it is made of copper 99.8% pure—not bronze or brass. Second, due to a special Roebeling process this copper is given a tensile strength and stiffness comparable to that of steel. No more perfect combination for insect screen cloth could be imagined. If you need new screen cloth for next season buy Jersey Copper, 16 mesh, dark finish. And don't leave the matter until the last moment. Get in your order early. Jersey Copper Screen Cloth is sold by the better hardware dealers throughout the country.

A booklet called "A Matter of Health and Comfort" will be sent you on request. It gives a lot of interesting facts regarding screen cloth.

THE NEW JERSEY WIRE CLOTH COMPANY

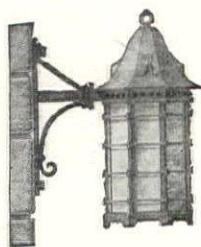
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Whether in the emergency, with the tiny form torn by convulsions; or in eliminating nightly for the older generation the slight chill that saps vitality—warmth means life.

Precious moments, lost in heating the old fashioned hot water bag, are now saved by the "Standard" Electric Heating Pad. To relieve even temporary discomfort there is no tedious waiting in the night hours.

Covered with soft, fleecy eiderdown, light in weight, flexible to fit the body, with three ranges of heat, the "Standard" is the last word in bedroom and sickroom comfort. Three heat "Standard" Pad, size 12 inches by 15 inches, is priced at \$8.00 and a smaller single heat "Standard" Pad is \$5.50. All "Standard" Pads are guaranteed for two years. If your dealer cannot supply you, write us.

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BEVERLY, NEW JERSEY

Standard the Pad Dependable



Warm sheets may prevent chills.



Prompt relief of intense pain.



Easy to warm the baby's bottle.



It cleans where you can and cannot see

Sprinkle Sani-Flush into the toilet bowl. It removes quickly all discolorations. No scrubbing—no scouring!

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Canton, Ohio

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REDUCE Easily... Naturally

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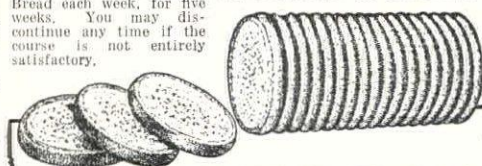
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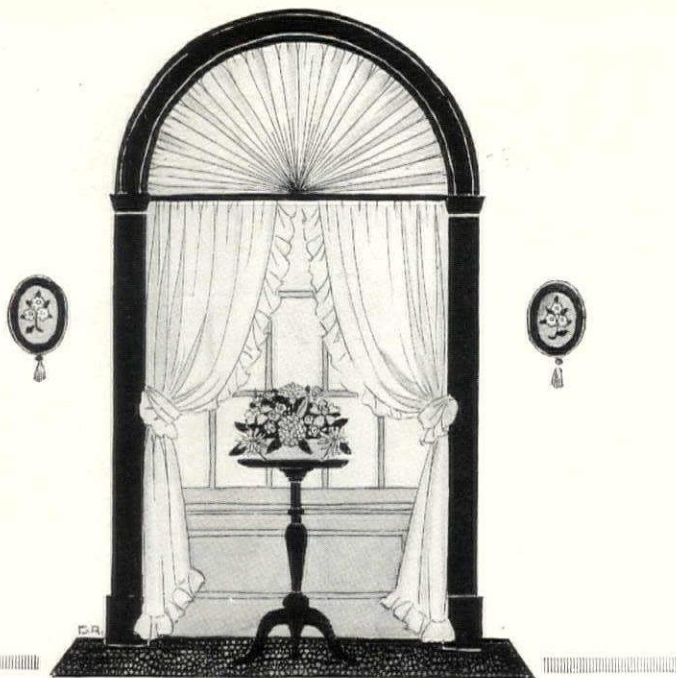
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Remember, if you're writing, "I want so-and-so, of such-and-such size, color and price", send your request (with cheque) to

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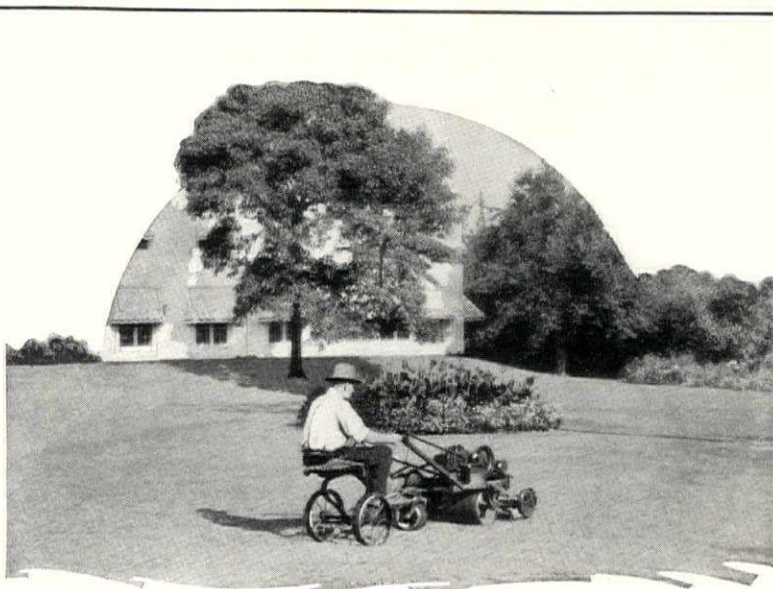
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Ideal Junior
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inches wide.
Capacity from
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Bay State Brick and Cement Coating comes in a complete range of colors and white. Samples of your favorite tints will gladly be sent you at your request. Write for them and for Booklet No. 4, which shows how beautiful many homes have been made with Bay State.

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Fairfacts Accessories include soap holders, tumbler and tooth brush holders, towel racks, shelves, paper holders, sponge holders and safety grips, etc.

We shall be pleased to send you our booklet *The Perfect Bathroom*.

THE FAIRFACTS COMPANY, INC.
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BUILT IN YOUR BATHROOM WALLS



This Historic Knocker

Was reproduced from a pattern made after the original on the famous old John Hancock home at Boston.

It is an exact duplicate of the one doubtless used by friends and others who sought admittance with its cordial welcome to the home of this illustrious character of early American History.

An ARTBRASS Knocker is a necessary part of the front door and the bedroom door. It supplants the troublesome door-bell, it never gets out of order and any one can easily attach it.

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Satisfactory Must Hold
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Automatic CASEMENT STAY

Holds your window securely without rattle even in the face of a strong wind. Makes your casement "stay put"—prevents slamming.

Can be applied to any casement—right or left, top or bottom, concealed or exposed.

Satisfactory friction assured by a slight hand-turn of outer tube

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HODGSON *Portable* HOUSES



“Complete in every detail”

HODGSON Portable Houses are made of selected red cedar. They are carefully constructed by skilled workmen and lined with heavy fiber lining.

These houses come to you in sections all ready to bolt together. Doors are hung, sashes fitted and all details attended to before they leave the factory.

The only tool you need is a hammer to wedge in the key-bolts. These bolts lock the sections firmly together and keep them rigid against the severest strain.

Hodgson Houses are made to endure.

In every climate of the globe these houses are standing to-day as staunch and steady as the day they were built—some of them many years ago.

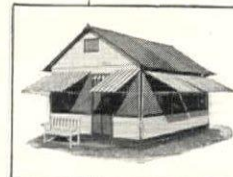
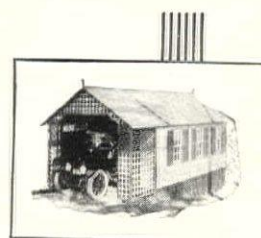
Hodgson Houses are as beautiful as they are durable. Neat and artistic in design. They are painted a French gray and trimmed in leaf-green.

Send for the Hodgson catalog G. It gives complete information and shows many actual photographs of Hodgson Houses and cottages. Also portable garages, play-houses, poultry-houses, etc. Write us to-day.

E. F. HODGSON CO.

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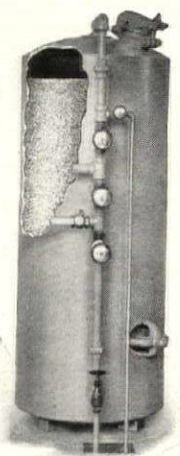
from every faucet in your house

NO matter how hard, how unsatisfactory your present water supply is, a Permutit Water Softener will give you a steady flow of delightful, soft water from every faucet in your house for about 5 cents per day. It is entirely automatic, with nothing to get out of order. No chemicals are used and it operates on regular city pressure without any additional pumps or motors.

Permutit material possesses the wonderful property of abstracting all hardness from water that is passed through it. From time to time it is regenerated by adding common cooking salt, and that is absolutely all the operating expense there is. You just dump some salt into the softener and let the water run through it into the sewer for a few minutes. No salt is carried into your house lines and the Permutit is made absolutely as fresh as new.

Thousands are in daily use everywhere—hundreds of doctors have Permutit in their homes.

Ask for our free booklet, “Soft Water in Every Home.”



The softener is in your basement and takes but a few minutes' time once a week to maintain.

The Permutit Company

440 Fourth Ave., New York

“Bluebird”
Flat Extending
CURTAIN RODS

An Air of Luxury is easily gained if you hang your curtains and draperies on “Bluebird” Curtain Rods. “Bluebirds” are beautifully finished in rustless Satin Gold or White Enamel. Strengthening ribs prevent sagging and give extreme durability. So efficient and simple they save curtain wear and are economical.

Single, double, and triple styles for all windows and draperies — easily put up. Ask your dealer.

H. L. JUDD CO., NEW YORK
Makers of Home Accessories for Over 50 Years

In 1917, I asked you to take House & Garden ON FAITH

Here is the appeal which I made to advertisers six years ago. In it I asked them to take ON FAITH my statement that HOUSE & GARDEN'S future had been so carefully planned and thought out that the publication was bound to be a great advertising medium.

Mr. American Advertiser,
Progressive City,
U. S. A.

January, 1917

Dear Sir:—

Now I am ready to go on record with the statement that House & Garden will shortly become a great magazine and one of the great advertising media of America. I want to say that the magazine is editorially right, that its circulation is sound and that it will assume, in its field, the leadership that Vogue and Vanity Fair have taken in theirs.

Like the promises you have read for Vogue and Vanity Fair, this is a carefully premeditated statement—based on a year and a half of deliberate testing.

In that time my plans have been made—the preliminary work has been done—and the day has come when I can confidently make you the statement you have read above.

So I want your faith—your backing—your belief for House & Garden as I have had it for Vogue and Vanity Fair.

I have valued that faith and backing in the past, and I am more careful than ever before, lest I lose the confidence that has led you to believe in my publishing judgment. Fully realizing this, I urge you to make use of House & Garden.

(Signed) Condé Nast

HOUSE & GARDEN

In 1923, I ask you to take House & Garden ON FACTS

These columns show how the monthly magazines rank in advertising lineage from year to year for six years. You can trace for yourself House & Garden's amazing climb upward, and draw your own conclusions. From 29th place to 2nd place in SIX YEARS I believe, an advertising record without parallel.

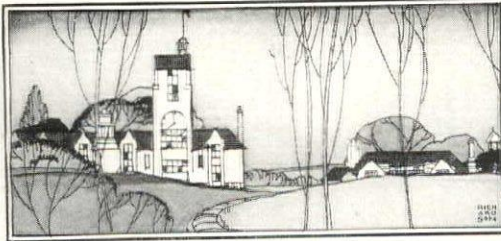
In 1917	In 1918	In 1919	In 1920	In 1921	In 1922
H. Jrn. 553,587	Ladies H. Jrn. 582,183	Ladies H. Jrn. 886,973	Ladies H. Jrn. 1,152,270	Ladies H. Jrn. 775,224	Ladies H. Jrn. 849,922
's Bazar 552,295	System 502,092	System 664,071	Harper's Bazar 750,833	Harper's Bazar 466,643	House & Garden 575,655
Fair 539,984	Harper's Bazar 419,707	Wom. H. Comp. 539,530	American 744,054	Good Hskpng. 459,566	Harper's Bazar 527,321
500,455	Good Hskpng. 376,843	Good Hskpng. 538,346	Pictorial Rev. 724,685	Pop. Mechanics 425,165	Good Hskpng. 496,751
421,276	Vanity Fair 363,260	American 538,138	Wom. H. Comp. 716,723	Country Life 420,063	Country Life 438,358
417,180	Wom. H. Comp. 332,515	Pictorial Rev. 515,835	System 677,416	Wom. H. Comp. 419,416	Woman's H. Com. 435,606
407,543	Pop. Mechanics 329,740	Harper's Bazar 487,584	Good Hskpng. 606,704	System 405,403	Pictorial Rev. 421,668
332,975	American 318,034	Pop. Mechanics 467,777	Vanity Fair 589,281	House & Garden 389,913	Vanity Fair 418,588
330,455	Pictorial Rev. 309,119	Vanity Fair 456,845	Delineator 578,033	American 378,395	Popular Mech. 399,093
320,173	Country Life 302,968	Delineator 443,422	Country Life 568,891	Vanity Fair 353,283	American 396,461
297,982	Delineator 295,836	Designer 411,136	Pop. Mechanics 560,176	Pictorial Rev. 335,730	Phys. Culture 359,152
293,323	Designer 293,028	Country Life 400,457	Designer 551,402	Red Book 317,284	System 339,883
279,507	Cosmopolitan 250,184	Red Book 359,048	Red Book 465,826	Rev. of Reviews 309,054	Rev. of Reviews 322,561
272,477	Pop. Sci. Mo. 240,321	Cosmopolitan 355,169	House & Garden 435,122	Phys. Culture 296,011	Red Book 321,159
265,546	Rev. of Reviews 219,565	Rev. of Reviews 354,997	Cosmopolitan 412,484	Delineator 291,962	McCall's 310,139
255,780	World's Work 215,049	World's Work 340,863	Rev. of Reviews 394,692	World's Work 285,253	Delineator 282,048
253,547	McCall's 210,440	Harper's Mag. 281,443	World's Work 385,721	Atlantic Mo. 264,207	World's Work 274,907
247,762	Red Book 204,138	Metropolitan 272,761	Pop. Science Mo. 350,886	McCall's 251,385	Atlantic Mo. 270,257
246,540	House & Garden 199,469	Phys. Culture 267,379	Sunset 329,303	Harper's Mag. 249,073	House Beautiful 267,508
204,544	Harper's Mag. 195,503	McCall's 263,944	McCall's 324,657	Designer 236,305	Field & Stream 256,835
177,385	Metropolitan 195,113	McClure's 261,933	Phys. Culture 313,405	Field & Stream 231,357	Harper's Mag. 242,686
177,312	Scribner's 160,451	Scribner's 256,309	Harper's Mag. 308,353	Cosmopolitan 226,679	Pop. Science Mo. 242,047
169,228	Physical Cult. 160,333	Pe. Sci. Mo. 250,585	Atlantic Mo. 307,783	House Beautiful 216,598	Cosmopolitan 238,352
167,421	American Boy 158,006	Atlantic Mo. 249,704	Scribner's 304,459	Scribner's 206,173	Designer 234,105
164,682	Atlantic Mo. 150,735	House & Garden 249,484	American Boy 294,817	Modern Prisc. 202,725	Modern Prisc. 225,914
162,416	McClure's 146,162	American Boy 234,710	Metropolitan 266,784	Pop. Science Mo. 199,614	Photoplay 210,018
161,979	Hearst's 145,929	Sunset 222,647	Photoplay 258,489	Photoplay 196,705	Scribner's 197,248
155,796	Sunset 143,744	Field & Stream 200,085	McClure's 255,082	Sunset 195,027	American Boy 183,144
House & Garden 155,204	Field & Stream 141,938	Photoplay 197,777	Theatre 246,409	Theatre 174,938	Nat'l Sportsman 178,091
29th place	19th place	25th place	14th place	8th place	2nd place

While House & Garden made this amazing record in advertising gains, its record of growth in CIRCULATION is even more striking. In 1917, House & Garden's average monthly paid circulation was 35,000. In 1922, according to the publisher's sworn statement to the Audit Bureau of Circulations, House & Garden's average monthly paid circulation was in excess of 100,000—a gain of 190%.

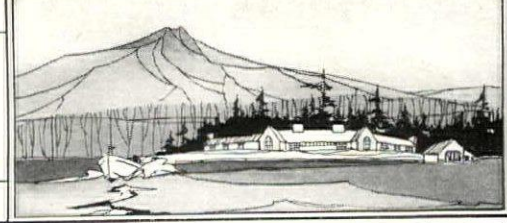
Is it not a sound prophecy that House & Garden would shortly become a great magazine and one of the greatest advertising media of America?

Condé Nast

Member of the CONDÉ NAST Group



Schools



NEW YORK CITY AND VICINITY

Mrs. Boswell's Residence

344-346 West 84th St., at Riverside Drive, New York
A delightful home for girls attending any school, college or studio for long or short periods. Elective chaperone. Seventh Year. Telephone Schuyler 3100. Catalogue.

Oaksmere

MRS. MERRILL'S SCHOOL for GIRLS

Under personal supervision of Mrs. Merrill
Oriental Point, Box G, Mamaroneck, N. Y.

The Fontaine School

Cannes, France

Dean, Prof. C. Fontaine, formerly of Columbia Univ. Study and travel. Cultural and College Prep. courses. Trips. Sports. Resident and Day students. Address Director, Miss M-L. Fontaine, Women's City Club, 22 Park Ave., N. Y. C., or Cannes, A.M., France.

MARYMOUNT

Tarrytown - on - Hudson, N. Y.



Riding

COLLEGE ACADEMY

Four - year course leading to degrees
Pre-academic, Academic and Two-year Finishing Courses
Domestic Science; Practical Dressmaking; Gymnasium; Swimming Pool; all outdoor sports.
For Catalogue address The Reverend Mother.

NEW JERSEY, ORANGE

Miss Beard's School for Girls

A country school, 13 miles from New York. College preparatory, special courses. Music. Art. Domestic Science. Supervised physical work in gymnasium and field. Catalog on request.
LUCIE C. BEARD, Headmistress.

CO-EDUCATIONAL

"A CHILD'S DAY"

A school for children 4 to 12 years of age
Winter Summer
34 E. 62d St., N. Y. Houliate, France.
Miss Wilhelm, Principal

NEW ENGLAND, GIRLS

LASELL SEMINARY

A school that develops well-trained, healthful and resourceful womanhood. Home Economics, Music, Art, College Preparatory and Secretarial Courses.
149 Woodland Road. Auburndale, Mass.

EASTERN ATLANTIC

Wildcliff

A graduate school offering two years of highest quality academic work. Splendid courses in Home-making Science, Music, Language, Secretarial Training and Art. Equals two college years. Ideal home surroundings and influences. Catalog.

Mr. and Mrs. H. M. Crist, Principals,
Box 1562-G
Swarthmore, Pa.

The Graduate School of The Mary Lyon School

CENTRAL STATES

The Kenwood Loring School for girls

A boarding and day school in the finest residence section of Chicago. College preparatory and general courses. Write for catalog.
STELLA G. LORING, LOIS C. MORSTROM, Principals.
4600 Ellis Ave., Chicago Phone Oakland 0737

SEEING THE WORLD

THE years of youth are the receptive years. Great cities lived in, great music heard, great plays beheld by the eyes of youth make unforgettable memories. The boy or girl who spends these formative years in one of the famous private schools, in or near a great city, has an educational advantage not listed in the curriculum, but perhaps even more important than Algebra and Latin. Such a boy or girl sees the magnificent immensity of the metropolis; has beauty at his very door; hears great artists in the successes of the season; in fine, sees the world in its most brilliant aspects.

Private Schools Near Great Cities Offer Special Advantages to Their Pupils

BOYS' SCHOOLS

NEW YORK

St. John's School

Ossining-on-Hudson, N. Y.

For manly boys. Thorough preparation for college and business. Military training. High standard academic work. Individual instruction, small classes. Physical Culture and Athletics. Gymnasium and Drill Hall. Swimming Pool. Separate school for boys under 13.
William Addison Ranney, A.M., Principal

EASTERN ATLANTIC

Bethlehem Preparatory School

Bethlehem, Pa.

1800 boys prepared for leading universities in 44 years. Extensive grounds. Gymnasium, swimming pool, athletic fields. Summer session. Separate Junior School new building.
JOHN M. TUGGEX, M.A., Headmaster

EASTERN ATLANTIC

TOME SCHOOL FOR BOYS

The most beautiful and best equipped school in America. Faculty of Specialists. College Board Standards. Single Rooms, Individual Advisers. All Athletics. Forty-five boys entered college in September, 1922.

MURRAY PEABODY BRUSH, Ph. D., Director.
Rate \$1000. Port Deposit, Md.

NEW ENGLAND, CO-ED.

Washington, Conn.
Litchfield County

Box 210

Rock Gate

Country Home and School for Children
Summer and winter sessions.
CHARLOTTE O'GIRR CLARKE

SPECIAL SCHOOLS

PORTA-POVITCH

The Incomparable School of the Art of Dancing

ENDORSED BY MRS. ANNA PAVLOWA

1658 Broadway, Corner 51st Street
New York City



CHALIF Russian School of DANCING

Art in DANCING
"I admire your energy and your work"
ANNA PAVLOWA
Catalog on Request

163-165 West 57th Street, New York

NED WAYBURN Producer of "ZIEGFELD FOLLIES" offers instruction in STAGE DANCING

Society Patronage for Private Theatricals
NED WAYBURN STUDIOS
220 West 45th Street, New York

ALEXIS KOSLOFF

of Imperial Russian Ballet
24 West 57th Street, New York
Telephone Circle 5208

Class and private instruction in all forms of dancing. Children's classes.
Russian Ballet Technique Book with suites of dances, with descriptions and music. \$15.00. New Dances, with descriptions and music. For sale at the studio.
Enroll now for Normal Course



Portia Mansfield School of Classic Dancing and its Related Arts

Carmel-by-the-Sea, Cal.
Normal and Professional Depts.
Summer session, Rocky Mountain Dancing Camp, Steamboat Springs, Colorado. Send for Booklet.

VESTOFF SEROVA

Russian School of DANCING

Ballet, Classic—Interpretative—National and Ballroom—Dancing
Children's Courses a Specialty—Baby work
Classes—Private Lessons—Normal Courses
Write for Booklet
47 W. 72nd St., N. Y. C. Tel. Columbus 6212

ROSETTA O'NEILL DANCING

Classic—National—Folk—Rhythmic Ball-Room
"To Miss O'Neill I owe my success,"
Mrs. Vernon Castle
746 Madison Ave., N. Y. Phone Rhinelander 6776

SPECIAL SCHOOLS

MISS TOWNSEND'S STUDIO of Expression and Dramatic Art

Individual Instruction—Not a school
13 GRAMERCY PARK NEW YORK CITY

NEW YORK SCHOOL OF APPLIED DESIGN FOR WOMEN

160 Lexington Ave., N. Y. City. 31st year
Textile Designing, Fashion Drawing, Poster and Commercial Art, Interior Decoration, Historic Ornament, Illustration, Preparatory courses.
Positions and orders filled.

THE PARIS BRANCH

N. Y. School of Fine and Applied Art
Frank Alvah Parsons, Pres. Wm. Odom, Director in Paris

Professional and amateur courses in Interior Architecture and Decoration; Stage, Costume and Poster Design, Painting, Begins March 12th. Circulars. Summer and Winter.
Address Sec. 2239 Broadway, New York

MASTER INSTITUTE OF UNITED ARTS

Music—Painting—Sculpture
Architecture—Opera Class
Ballet—Drama—Lectures
For Further Information
Frances R. Grant, Executive Director
312 West 54th St., New York City.

STUDY INTERIOR DECORATION

A home study course in making your home beautiful or preparing for agreeable and lucrative profession.
Send for Catalogue #2
N. Y. School of Interior Decoration
101 Park Avenue New York City



THE FLORENCE WILDE SCHOOL OF ILLUSTRATION

63 W. 9th St., New York, N. Y.
(Mrs. Wilde, formerly of Pratt Institute)
Short practical evening and day courses in branches of commercial and costume illustration. Beginners or advanced students—Can work while studying.

The Iridor School

CANDY MAKING Direction Dorit K. Well
French, Spanish and Instructor Y. W. C.
German spoken Resident and Correspondence Courses
Booklet on Request
25 East 62nd Street, New York City

School of Horticulture for Women

Gardening, Fruit Growing, Bees, Poultry, year diploma course. Practice work with the Good paying positions open. 18 miles from Philadelphia. "New class entering January 16th"
ELIZABETH LEIGHTON LEE, Director
Box H. Ambler, Pa.

Distinctive Millinery is the Mark of a Well Dressed Woman

Learn to create your own exclusive styles thoroughly practical and well-equipped school under the personal direction of an expert. Completion of course permits fulfilling responsible, lucrative positions. Day and Evening Classes. Booklet upon request.

ADELAIDE MILLER STUDIO

20 WEST FORTY-NINTH STREET
NEW YORK CITY (Just off Fifth Avenue)

New York School of Secretarial

Canadian Pacific Building
Madison Avenue & 44th Street
New York, N. Y.

Write for Prospectus C Vanderbilt 4

DEVEREUX SCHOOL

Three distinct schools to meet special needs of children who require individual instruction.
Box C. DEVEREUX SCHOOLS, Berwyn

MISS WOODS' SCHOOL

For EXCEPTIONAL CHILDREN
Individual training will develop the child who does not grow satisfactorily, 24 miles from Philadelphia. Booklet.
MOLLIE WOODS HARE, Principal
Box 181 Langhorne, Pa.

THE REAL ESTATE MART

GARDEN CITY, L. I.

Thoroughly modernized, old fashioned house, consisting of 5 bed rooms and 2 baths,—large sleeping porch, living room, dining room, sun porch, kitchen, etc. 2 car garage. About 1/2 acre of land attractively landscaped. Large trees. Close to station and Garden City Hotel. For inspection or particulars, apply.

CLARK, CHRIST & McKELLAR, Inc.
11 W. 34th St., N. Y. Mineola, L. I.
Fitzroy 0162 Garden City 1259.

Let Us Show You Greenwich

Greenwich has Two Country Clubs,
Two Tennis Clubs, Two Yacht Clubs,
Riding and Polo Club.

E. P. HATCH, INC.
Greenwich, Conn. Tel. 1022
Tel. 1023

Let Us
Help You
Select
a Home



THAT eternal question:—Where shall I live? What sort of a house shall I decide to buy? Who has the house I WANT?

Let us make house hunting a joy—that's what we try to do.

We are in constant touch with Real Estate Brokers who specialize in selected sections throughout the country—men who can find you the kind of property you want if it is obtainable or who can sell your property if you wish to dispose of it.

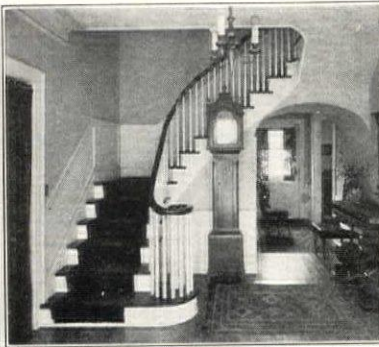
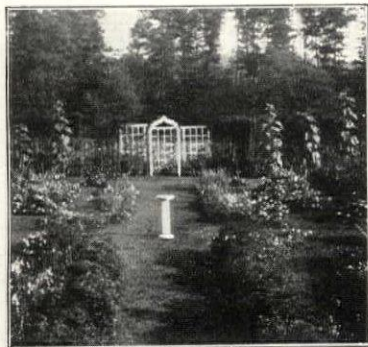


Real Estate Mart
House & Garden
19 W. 44th St.,
New York

Great Neck



5 minutes to the Station
24 minutes to Penn. Terminal, New York City
A most attractive Georgian house, 5 1/2 acres with pasture, timber and brook. Three car-garage and apartment. Price \$115,000, liberal terms.



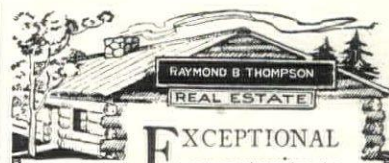
Fitz Roy 0038 Baker Crowell Inc. Great Neck 395
47 W. 34th St., N. Y. City

Gentleman's Country Estate or Practical Stock Farm

Four miles from the City of Rutland, on State road. In one of the most beautiful towns in New England. About 127 acres, extending on both sides of the highway. Master's house, 14 rooms and bath, hot water heat, hardwood floors, electric lights, open fireplace; never-failing water supply; shaded piazza; telephone; sanitary barns and out-buildings; garage with 5-room apartment above, with hot water heat and electric lights; superintendent's house. All buildings in first class condition. With or without a herd of pure-bred Jersey cattle, horses, wagons and farm implements. Fred A. Field & Son, Rutland, Vermont.

GREENWICH and Thereabouts

Country Estates on the Shore and Inland
Acreage and farms
Furnished Houses for the Winter Season and Unfurnished Houses by the Year.
Thos. N. Cooke Tel. 450-1150
Smith Building
branch, PICKWICK CORNER
GREENWICH, CONN.



EXCEPTIONAL opportunity to purchase or lease special and preferred shore fronts and country estates.

Exclusive Listings
RAYMOND B. THOMPSON
Smith Building Tel. 866 Greenwich
GREENWICH, CONN.

CITY AND COUNTRY PROPERTIES
HAMILTON, ISELIN & CO.
REAL ESTATE BROKERS
10 East 47th St., N. Y.
Tel. Murray Hill 3240

LADD & NICHOLS, Inc.
Real Estate Brokers
9 E. 46th St., N. Y. Vanderbilt 1193

SUMMIT, N. J.
And the Country Nearby
Exceptional Homes—Farms and Country Estates.
Eugene Jobs H. F. Beck Co.
Real Estate Brokers
Lackawanna Station Summit, N. J.

NEW ROCHELLE
Handsome Stucco Residence
Overlooking the Sound
1 1/2 acres of attractive grounds, in exclusive residential section. House modern in every detail contains 12 spacious rooms, also entrance hall, solarium with open fireplace, sleeping porch, 3 baths, 2 car garage with billiard room. Apply N-738.
Fish & Marvin 527 Fifth Ave.
New York

NEW ROCHELLE
Country Homes — Shore Residences
choicest offerings
O'CONNOR Real Estate AGENCY
521 Huguenot St. New Rochelle, N. Y.
Telephones 594 & 133

For Country estates, shore property, cottages, acreage property in and around Greenwich, Connecticut, consult me.
Write, call or telephone 456 Greenwich me.
LAURENCE TIMMONS
Opposite R. R. Station Greenwich, Conn.

SHORT HILLS
In the New Jersey hills where the delights of the country are combined with the conveniences of the city.
Homes and Building Plots
FREDERICK P. CRAIG
Real Estate Broker Short Hills, N. J.

BOONTON and MOUNTAIN LAKES
Homes—Country Estates and Farms
MORRIS COUNTY PROPERTIES
GEORGE W. MORSE
Boonton REALTOR New Jersey

Pinehurst Winter Homes
NORTH CAROLINA for Sale and for Rent
A. S. NEWCOMB & COMPANY

THE NAST INTERNATIONAL TRAVEL BUREAU

NEW YORK

The NASSAU
LONG BEACH
 LONG ISLAND

Restaurant and Dancing
 Heated Garage

OPEN ALL YEAR

"Half a Square from Herald Square"
HOTEL COLLINGWOOD
 45 West 35th Street New York City
 SETH H. MOSELEY
Select accommodations for discriminating people
 European Plan \$2.50 up

HOTEL GRAMATAN
 BRONXVILLE, N. Y.
The rates are extremely reasonable.
HENRI PAUCHEY & SON, Inc.
Lessee

Hotel Hargrave
 West 72nd St. through
 to 71st St., New York

300 rooms, each with bath. Absolutely fireproof. One block to 72d St. entrance of Central Park. Comfort and refinement combined with moderate rates. Send for illustrated booklet.

Forest Hills Inn



American Plan Hotel. Open all year.
 15 min. from Penn. Sta. Accommodations for 400
GEORGE J. BERMBACH, Mgr.
 Tel. Boulevard 6290

THE GLEN SPRINGS
 WATKINS GLEN, N. Y., ON SENECA LAKE
 All Advantages of European Spas

MARYLAND

Hotel Altamont
 Baltimore, Maryland
 Rates on application.
 S. F. Wright, Manager

NORTH CAROLINA

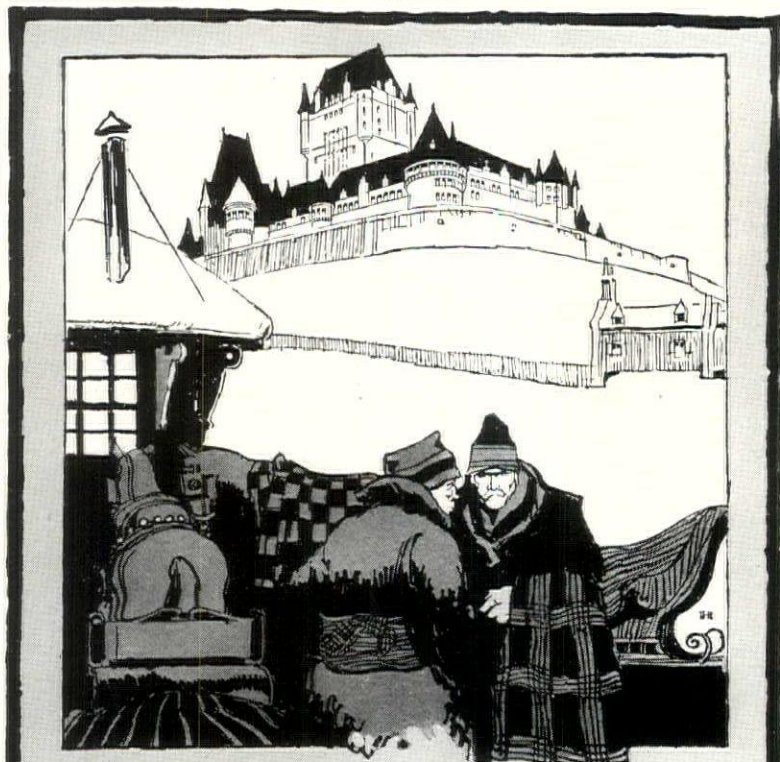
PINEHURST, N. C.
CAROLINA HOTEL NOW OPEN
 Weather like late Autumn in New England

SOUTH CAROLINA

Charming Charleston
 ONE NIGHT FROM NEW YORK
Villa Margherita
 ONLY INN ON SOUTH BATTERY
 Write for Reservations - Charleston, S.C.

PORTO RICO

THE CONDADO-VANDERBILT HOTEL
 San Juan, Porto Rico
 Ideal hotel of the Tropics. Under same management as the Vanderbilt Hotel, N. Y.



Come
 to this castle of snows!

Quebec supplies the glorious winter. Chateau Frontenac the wherewithal to enjoy it. . . Shoot the thrilling toboggan slide on Dufferin Terrace—and you land at the Chateau's portal. Skate on the rink and you're a hop from its roaring fires. . . The ice-packed St. Lawrence is a panorama from your double-sashed window. The snow-paved town is but a sleigh-ride from your perfectly outfitted dining room. . . Try winter-sporting. Let the Canadian Pacific Office plan your trip now. In New York, 44th and Madison Ave. In Chicago, 140 S. Clark St. Or, write Chateau Frontenac, Quebec, Canada.

CHATEAU FRONTENAC

A CANADIAN PACIFIC HOTEL AT OLD QUEBEC

Clark's 20th Cruise, June 27, 1923
TO THE MEDITERRANEAN
 And Europe, by Specially Chartered White Star S. S.
"BALTIC" 23,884 tons

61 day cruise, \$600 upward, including Hotels, Drives, Guides, etc. Personally accompanied and managed by F. C. Clark. Rome, Athens, Spain visits specially featured. 11 days, Paris and London, \$100. UNIVERSITY-EXTENSION and other good tours to Europe under escort; reasonable rates.
Frank C. Clark, Times Bldg., N. Y.

FLORIDA

THE FLAMINGO MIAMI BEACH
 FLORIDA'S FOREMOST RESORT HOTEL

THE BELLEVIEW
 BELLEAIR HEIGHTS FLORIDA
 Golfer's Southern Paradise

NEW ENGLAND

HOTEL VENDOME
 Commonwealth Ave. Boston
 at Dartmouth Street
An Aristocratic Hotel
 Affordance of the Elegance of a Private Residence, and appealing to a highly discriminating patronage. Delightfully situated in the Back Bay District. Quickly accessible to Boston's attractions.
C. H. GREENLEAF CO., Props.
 Everett B. Rich, Managing Director
 Franklin K. Pierce, Associate Mgr.
 Send for Illustrated Booklet

The LENOX The BRUNSWICK
BOSTON
 On Either Side of Copley Sq.

ATLANTIC CITY

The TRAYMORE
 ATLANTIC CITY
 World's Greatest Hotel Success

No other resort hotel on either Continent provides such an unusual combination of true comfort, climatic and recreational advantages at all seasons. Directly on the sea.

The Shelburne
 ATLANTIC CITY

Open all Year
 European Plan

Directly on the Boardwalk
 Phone 1628 Atlantic City

WASHINGTON, D. C.

The NEW WILLARD
 Washington, D. C.

It is a thoroughly enjoyable hotel, refined and efficiently managed.
Frank S. Hight, Managing Director

CALIFORNIA

SAMARKAND
 (Heart's Desire)

Santa Barbara California
 One of the most beautiful hotels in all the world—overlooking mountains and sea. Golf, Polo and all other diversions.
Charles Bedell Hervey—Proprietor

New York Hotels

Do you like the big gay metropolitan hotel, or the little exclusive hotel? Do you want a hotel for week-ends in the country or by the sea? Or a hotel within motoring distance for dinner?

THE NAST INTERNATIONAL TRAVEL BUREAU
 25 West 44th Street New York City

THE NAST INTERNATIONAL TRAVEL BUREAU



The **BELLEVUE-STRATFORD**
Philadelphia Pa.

Believes—

- in adopting everything new and practical that makes for hotel comfort.
- in serving food that is always excellent.
- in maintaining, in addition to its high grade hotel service:

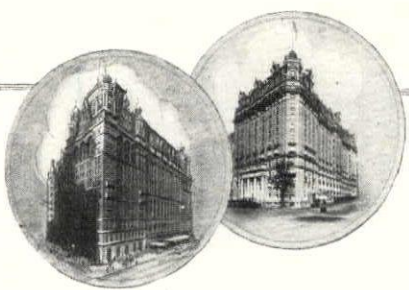
- | | |
|----------------------|-----------------------|
| <i>Turkish Baths</i> | <i>Tea Shop</i> |
| <i>Beauty Salon</i> | <i>Domestic and</i> |
| <i>Barber Shop</i> | <i>Foreign Travel</i> |
| <i>Radio Service</i> | <i>Service</i> |

—in leaving such an admirable impression that another visit to Philadelphia means coming to

The Bellevue-Stratford

Broad and Walnut Streets, Philadelphia, Pa.

L. M. Boomer, President—James P. A. O'Conor, Managing Director



The Waldorf-Astoria, New York—

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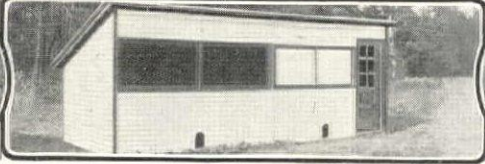
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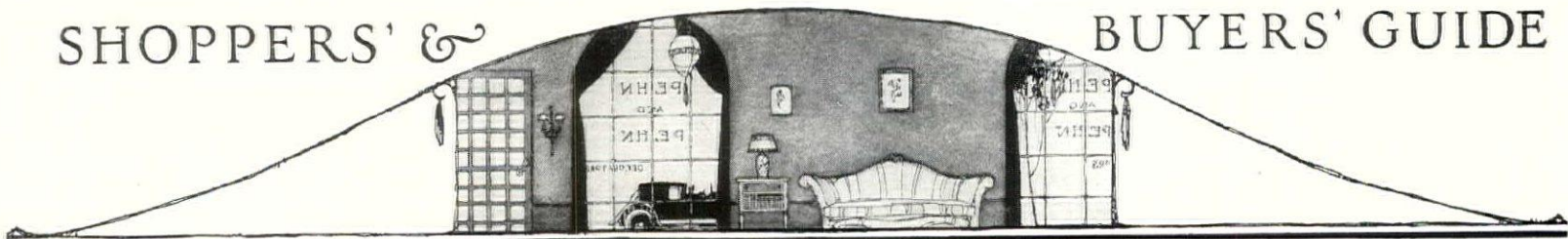
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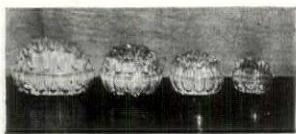
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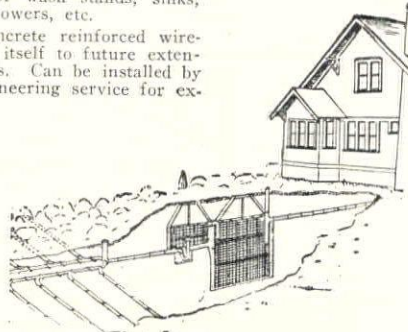
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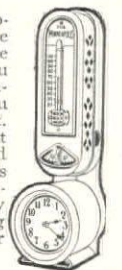


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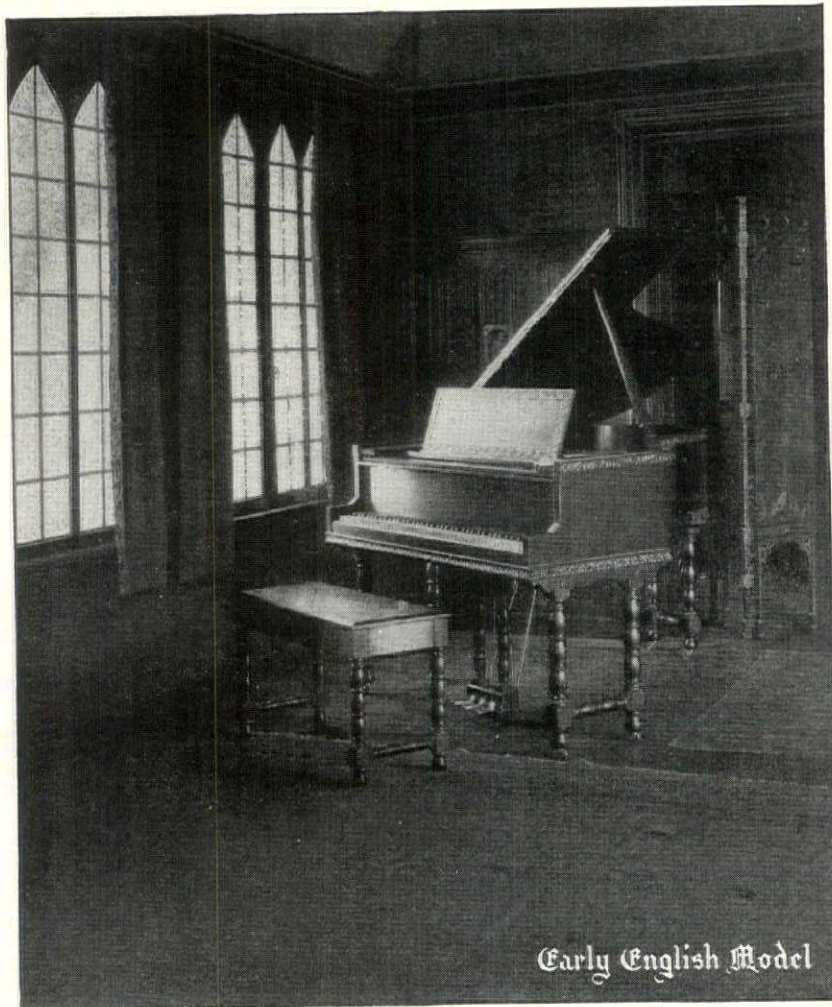
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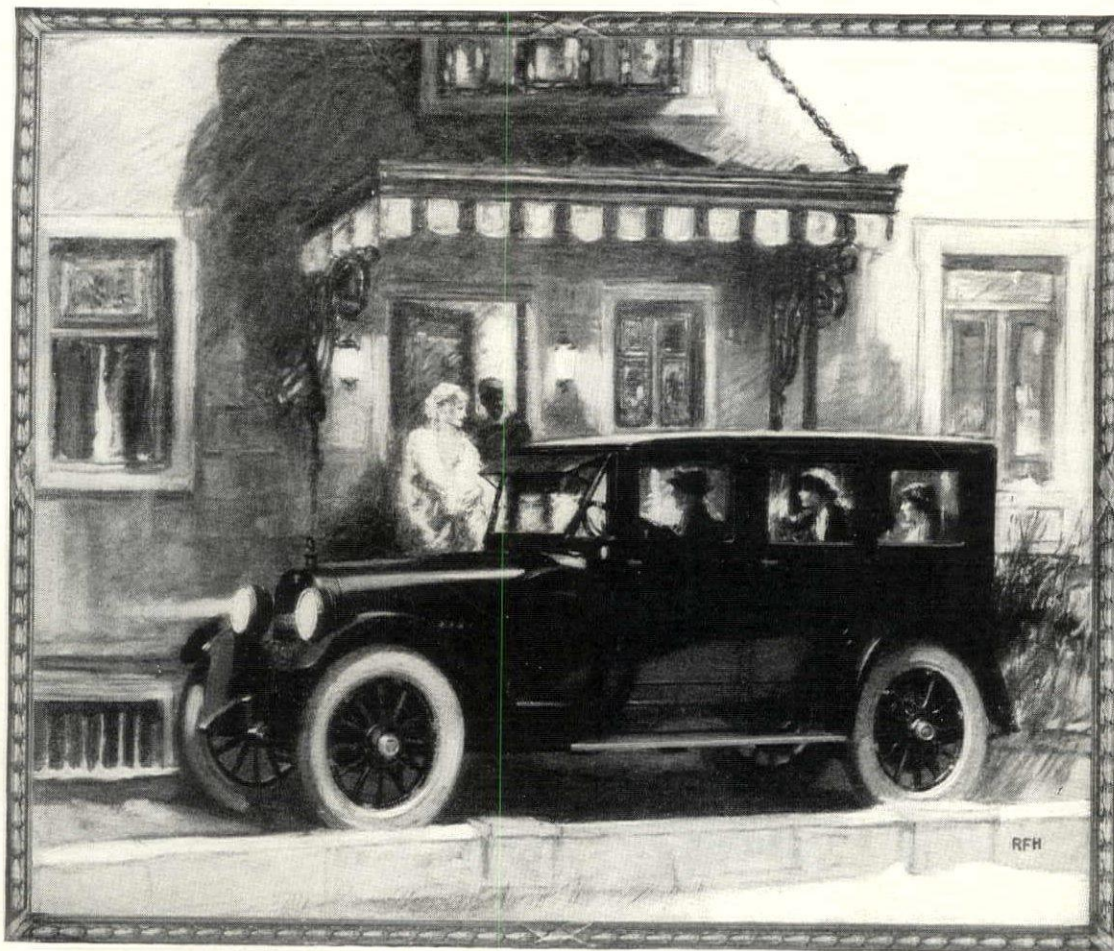
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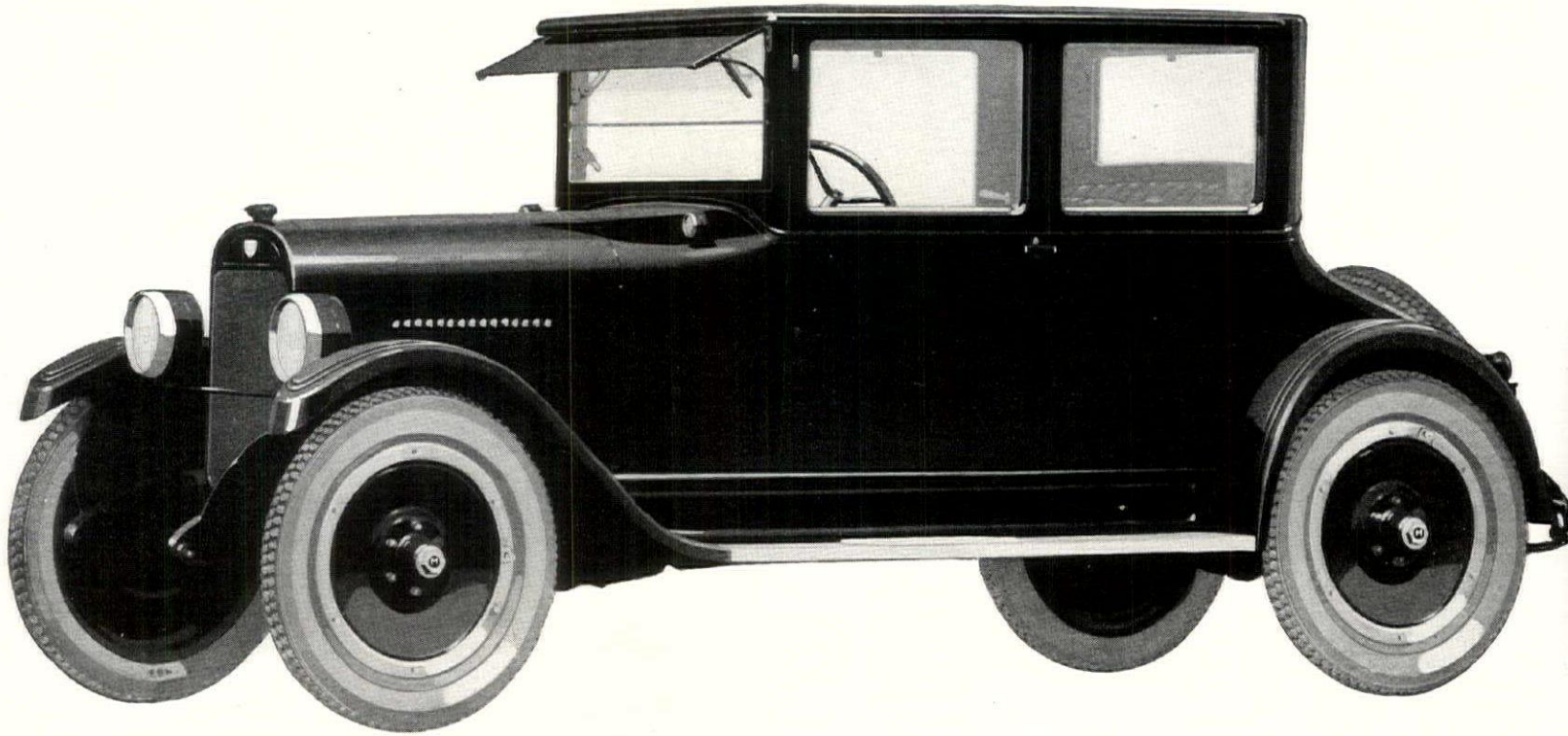
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A highly efficient full pressure oiling system literally floats the crankshaft on a film of oil, and lubricates the connecting rod bearings through channels drilled in the crankshaft—a feature not found even in much costlier cars.

Pistons are light-weight alloy, of the split skirt type—the type originated and first used successfully by Maxwell, and since adopted by many cars of higher price. Their light weight removes a common cause of vibration.

The net result of long engineering development, of precision manufacture, and a rigid inspection system, is a motor of great power, exceptional pick-up and flexibility, of notable smoothness and quietness, and particularly free from wear at points where wear is ordinarily the most severe.

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The Good

MAXWELL

House & Garden



This is a glimpse of one of the beautiful gardens shown in the March Gardening Guide

WITH the seedsmen's catalogs flooding in, it would almost seem that Spring is here. And yet, unless you are pachyderm to catalogs, Spring is already here for the true gardener—Spring in the mind. Plans are furiously being brought to completion, for the true gardener believes in preparedness. When the first warm days of Spring arrive he is ready for his annual plunge into garden work. Because we believe in helping the gardener prepare, we issue the Spring Gardening Guide in a March issue which reaches our readers before February has passed.

The issue opens up with a fanfare for roses, in the description of the Roserie at l'Hay, France, the greatest rose garden in the world. The text and illustrations are by J. N. C. Forestier, internationally known for the beautiful gardens he has created in France, Spain and Belgium, for his work on the Gardens of the Bagatelle, and for his labors as head of the park system of Paris.

Following this comes a garden in Connecticut, one of the most complete and beautiful creations we have seen for a long time. Its landscape architect was James L. Greenleaf.

An international flavor will further be given by a London garden and by the remarkable model and photographs of the

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Villa Caprarola made by Ralph E. Griswold of the American Academy at Rome, and to be shown at the New York Architectural League Exhibit in March.

In addition to these will be an article on fifty good shrubs and how to use them; planting plans and directions for making perennial borders; the Spring Gardening Guide which contains full instructions for the seasonal work in the garden; a contribution on zinnias; one on vegetables; one on soil preparation; and two pages showing remarkably beautiful examples of spring flowering trees. Finally, to make the measure good, there is the Gardener's Calendar, and a study of community gardens as they are being made in New York, in the rear of the remodeled houses. The Shopping pages will show articles of interest to gardeners.

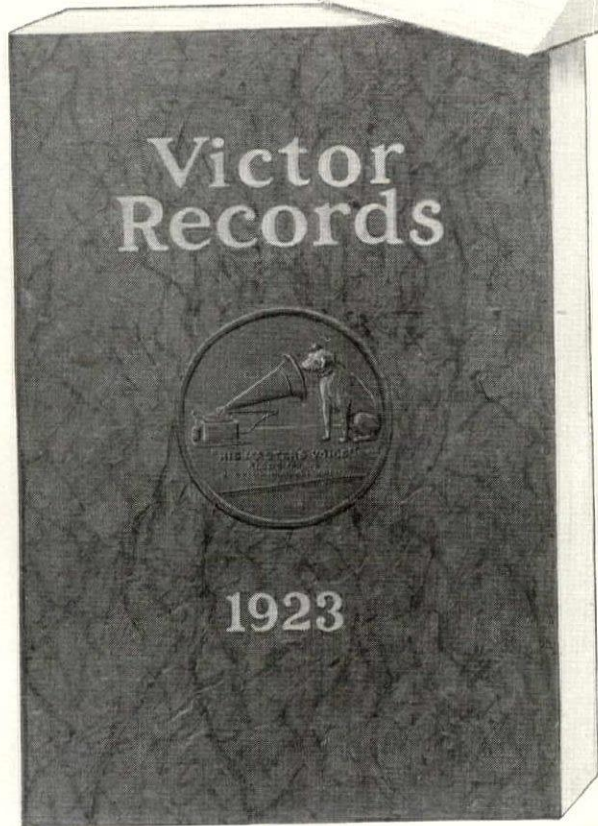
But even with this amount of space devoted to gardening the other topics are not neglected. The second of the color scheme articles created by decorators is on the morning room, a desirable adjunct to any smart country house. There will be three houses shown in a group—brick, shingle and stucco, coming respectively from Massachusetts, Minnesota, and California. There will also be an article on choosing the right kind of a house for the site.

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The
HOUSE & GARDEN
BULLETIN BOARD



TWO hundred years ago this month Sir Christopher Wren died. And the duo-centenary of his death finds the influence of this greatest of British architects as firm and fresh as it was in the 17th Century, when it was beginning to be powerfully felt in the architecture of public buildings in the Colonial cities of Annapolis, Philadelphia, and New York. At that time he was engaged in the stupendous task of rebuilding the London churches after the fire of 1666, enlisting in his work the services of the woodcarver, Grinling Gibbons, of whom Gardner Teall writes in this issue. When G. K. Chesterton, in his "Poems for Greybeards", put into Wren's mouth the lines:

"If anyone calls
"I'm designing in St. Paul's."

he was probably thinking how casual a performance the planning of a great cathedral might have seemed to an architect with such an enormous number of commissions on his list. At any rate it was a fortunate thing for England, as well as for this country, that when all this work had to be done there was someone to do it who could make something splendid out of the opportunity.

What Wren actually did was to mould the Classic tradition so nicely to the purposes of the place and the period that it produced buildings which had, and still have, the breath of living architecture. He was not content, as so many architects have always been, to dust off the heirlooms of Rome and set them up with the hope that they might manage to live again. Sir Christopher's buildings are filled with details of wonderful richness, decorations in wood and stone which are almost luxuriant, though they are never ornate. Their proportions were always noble, but they were never too grand to be livable. The greatest monument to his fame may perhaps be called St. Paul's Cathedral, but his most important achievement was the impetus he gave to fine architecture here as well as in England. If there is anything to be regretted at this time it is that this impetus has not swelled into greater proportions. For there is hardly a more sympathetic style for public and semi-public buildings than that which sports the graceful and satisfying domes and cupolas of Sir Christopher's devising.



FOR a year or more the farm journals have been carrying on a lively campaign against motorists who steal from farms. Perhaps the motorist doesn't think it is stealing to go into an orchard and take their pick of fruit, to dash into a cornfield and take an armful of corn, but it is thieving of the lowest kind, and many states have very stringent laws against it. Fruit and vegetables are the farmer's stock in trade. It is as evil and iniquitous an act to steal his means of livelihood as to shoplift in a store.

But these motorists do not stop at raiding farms; they are equally bold in taking their toll of garden flowers. A garden lover recently brought to our attention a raid made on her place by motorists who, on a Sunday morning while the family was at church, succeeded in stripping every blossom from a bed of narcissus. The bed which measured 100' long by 3' wide, was in full bloom when the family left at 10.30; by twelve it had been completely cut over. Neighbors saw the car going off with the flowers.

Perhaps this is an exceptional case, but garden owners who live near the highways can doubtless report instances of equally bold garden robbing. The laws of trespass, of course, protect the owner, but before we can hope for such laws being observed we have to instill into the minds and consciousness of such thieves the seriousness of their offence. There are no fine shades of stealing. Theft is theft.



IN another page of this issue—down toward the "back of the book"—will be found a letter to the editor of House & Garden from Charles Chapin, the life terner whose garden work at Sing Sing we mentioned on the November Bulletin Board. The letter is an accounting of Mr. Chapin's gardening stewardship. Would that all gardeners could have made such a report!

On reading it, an idea came to us. Why is it not possible for the wardens of long term prisons throughout the country to delegate the work of caring for and improving the prison grounds to life termers? These men have nothing to look forward to. The rest of their days must be spent between prison walls. The care and improvement of the grounds would afford an employment that would lighten their days and certainly give them a reason for living.

It would, in a measure, be an insult to the ideals and purposes of gardening to turn this work over to the casual pickpocket, the inveterate bigamist, or the unrepentant forger, men who will go out into the world again and, doubtless, continue their nefarious practises. But a lifer is a different proposition. Here, in the growing of flowers and the maintaining of close-cropped lawns, is a noble employment to which he can dedicate the remainder of his days.



THE wide and growing interest in all forms of decoration in this country is responsible for the vast improvement in the inside as well as outside of our houses. We are slowly coming to life after a long sleep, and being fully awake demand surroundings thoroughly alive. Paris, Berlin and Vienna woke up years ago to the possibilities of a new form of decoration. But in their case it was a question of the early bird catching a very vivid and wriggly worm, one that has been pretty generally avoided in this country, until recently.

Of late, however, one can feel a growing interest in this new form of decoration. The establishment of a branch of the Wiener Werkstatte in New York under the direction of Joseph Urban, and the demand for modern fabrics, gorgeous in color and pattern point to a desire for a more robust form of decoration that has been popular of late.



THE current revival in interest in early American furniture should be given stimulus and permanent expression in the generous donation by Robert W. de Forest of a wing to be added to the Metropolitan Museum of Art for housing American art of the Colonial, Revolutionary and early Republican periods. This new American wing will be of invaluable assistance to students and collectors of early American furniture and should prove a constant inspiration to decorators and architects. While our early craftsmen borrowed liberally from work abroad, their productions were not lacking in freshness of detail and individuality.



BIT by bit Americans are beginning to realize that unless we look to our trees the future generations in this country will suffer for want of timber. The warning sounded by Theodore Roosevelt against the wasteful clearing of our forests and the shameful neglect of reforestation is beginning to find an answer in devious ways. Big lumbering firms, that are not lacking in ideals, now employ a regular system of reforestation for the land they have cut over. This, of course, does not personally touch the average garden lover.

The saving of trees, their planting and protection, must, like charity, begin at home. Your own garden is the place to make your contribution to the future. Consequently there is on foot a lively campaign to plant another tree. Plan to plant at least one tree in your garden each year; if the place is large, plant a number. Have a tree or a group of trees for each member of your family. Down in Concord, Georgia, the local garden club is planning to induce the local authorities to plant a tree for each man, woman and child in the town, the planting campaign to extend over three years.

It is quite a pleasant subject for speculation—this family and town planting of trees. In the old days of New England it was the custom for a newly-wed to plant in front of his house an elm for his bride and one for himself. These are still called "bride and groom elms". Think what fun could be made of a family Arbor Day, with a young tree planted for each child in the family. As the years pass and that child grows older, he can watch the progress of his tree. Fate being kind to him, he can pass many happy hours under its shade. It would help make him a good citizen.

Theodore Roosevelt once said: "A people without children would face a hopeless future; a country without trees is almost as helpless; forests which are so used that they cannot renew themselves will soon vanish, and with them all their benefits. When you help to preserve our forests or plant new ones you are acting the part of good citizens."



MRS. Emott Buel, who writes on "Colorful Living Rooms", is one of the best known of the New York decorators. Among her work are the homes of Mrs. Irving Breckaw and Mrs. James B. Duke.

The Tyson House is the work of Frank J. Forster, an architect whose work has often appeared in House & Garden. Mr. Forster is one of a younger group of architects who are raising the standard of architecture in this country.

Miss Nancy McClelland, who writes on scenic wall papers is another New York decorator of repute, whose specialty is interiors in the French manner.

Evangeline Adams, whose amusing summer home is shown in this issue, is doubtless well known to many as an astrologian.

Margaret McElroy, who writes on "Grouping Furniture", is the staff decorator on House & Garden.

John L. Rea, who writes on perennials, is a sculptor who has been unable to resist gardening. Once he lived respectably in New York City and worked away at figures; now he lives at Plattsburg, and, when not gardening, manages to do a figure or two. We envy him.

Richard Rothe is a builder of rock gardens, one of the best in the country, and it is always a pleasure to give him a page in the magazine where he can ride his hobby.

Miss Swift, examples of whose work are shown in the Little Portfolio, is nationally known as a decorator.



THE SUN'S PLACE IN THE HOUSE

ANDREW J. THOMAS

Architect

Paved in colorful tiles and set with a raised pool containing a gracefully pedestaled figure, this glassed over sun room acts as an ideal connecting link between the house and garden of its owner-architect at Scarsdale, N. Y.



COLORFUL LIVING ROOMS

*It is Principally Through an Unusual Use of Color
that an Interior is Made Individual and One's Own*

MRS. EMOTT BUEL

THERE are so many different points to be considered when one is planning the decoration of a living room that it is best to begin with the essentials.

First, where is the room? Is it in town or is it in the country? What part of the year will you spend in the house in which the room is? And what is the climate? Is it a sunny climate?

The knowledge of all of these things seems to me to be truly essential when one is contemplating furnishing a room. Many people come to me and without telling me anything ask what colors to use in the living room. "I do not know whether I want it to be English, Italian or French" is the statement one hears so often. This is apt

to leave one a trifle bewildered and I fear my clients are often bored at the number of questions I ask when we first meet. One day a sweet lady resented so many questions, saying she did not have very much time and that she had only come anyway to choose material for four pairs of curtains and to get a new mantel, and that it bored her to be questioned, and so we parted.

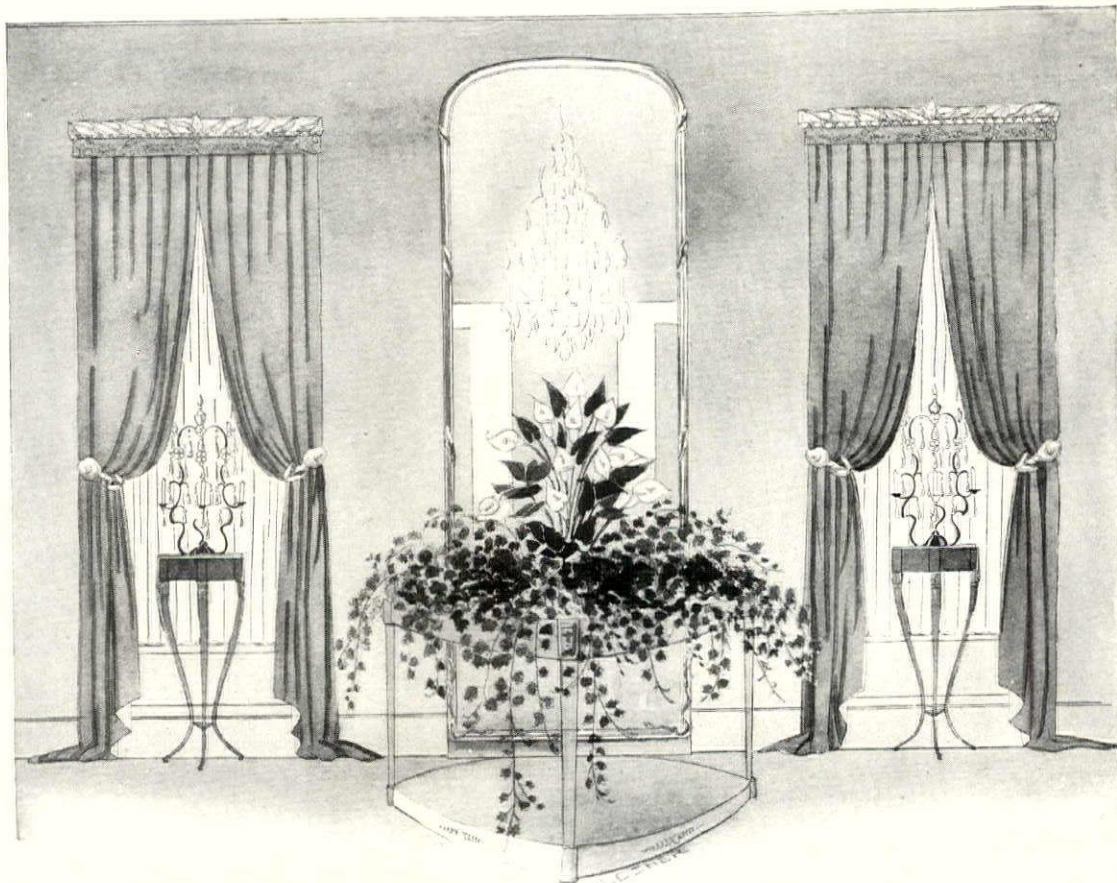
The room to be charming must be done as a whole. Though it may be only a lamp that one wants one must know all about the room in which it is to go. If it is to be placed beside a low chair, one does not want a tall lamp out of all proportion to the chair. If it is going on a low round table it naturally must be a different shape and

size than if intended for a long refectory table. The same thing holds good as to color. Learn if the lamp is to be placed near a sofa with a plain blue cover or near a chair possibly covered in chintz before deciding on its color and shade, for one lamp that is out of place can throw the whole room out.

When planning a living room try to make everything in that room first have a reason for being there, and secondly have each object bear some relation to the others. So many rooms look to me as if they were done at cross purposes and all of a sudden. Even to put a picture puzzle together one must know what the picture is that one is trying to make. The trouble with most



In a country house morning room the walls and woodwork were painted cool gray as a background for the many colors of the flowers. Mrs. Buel was the decorator



An interesting way of treating the space between windows in a formal living room is by using an old Directoire flower stand in front of a long mirror



Pale green walls tone in with the delicate colors of the Aubusson rug and old wallpaper screen behind the commode. The furniture is done in gay chintz

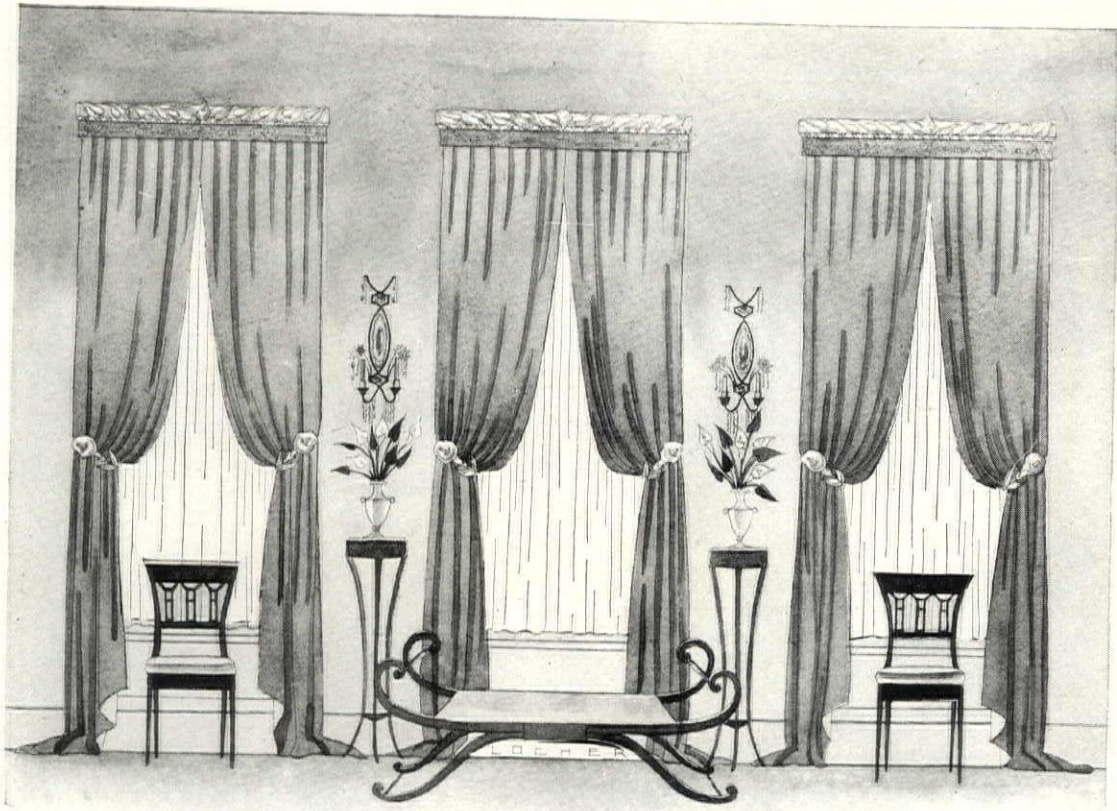


Recessed arched book shelves effectively break a long side wall in the New York home of Mrs. Irving Brokaw. All decorations by Mrs. Emott Buel

rooms is that there is so little construction and thought given to them in the beginning. No one takes the trouble at the start to visualize the picture in the end. The client has one idea, the architect discourages this, and gives the client a room that possibly he or she has nothing in common with, then the decorator is called in.

I think the picture of the living room with the recessed book shelves on this page is a good illustration of this point. The room is in a house in New York that is fortunate enough to be overlooking the loveliest part of the park on Fifth Avenue. On entering one is immediately welcomed by this lovely view, through three windows across the front of the room, the center one very naturally opposite the double entrance doors. One almost has the illusion of overlooking a real English park, so like is the view to the charming English country.

The walls were painted a very soft unobtrusive green, a color that tones in charmingly with the trees outside. In order to avoid the monotony of too much green, the room was brightened by hangings of copper damask. More green was introduced in the dark ivy in the Directoire basket



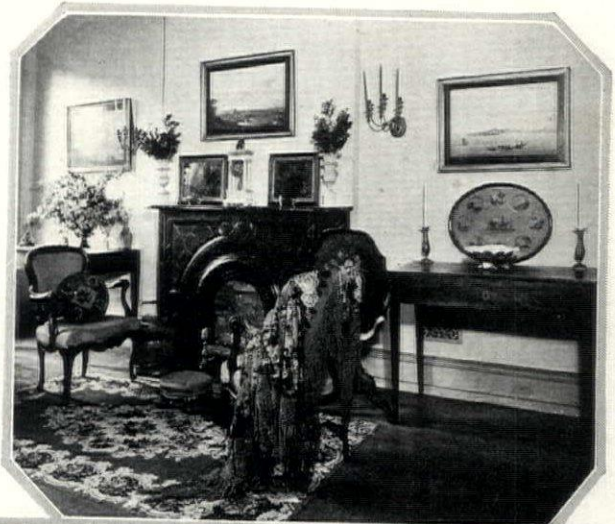
in the window, a pleasant contrast to the faded green of the walls. Another decorative note was the glass bowl on an iron stand hung with green crystals. This was deep enough for the gold fish to be truly happy in. On the surface floated two lovely large crystal balls, one pale green like a glorified soap bubble and the other a lovely pinkish copper tone, the only one that I ever saw in that color.

On either side of the window were small walnut commodes with rose marble tops. On these lovely old green hawthorn Chinese jars held branches of dogwood. Alas! the dogwood only lasts so short a time, and there are no other blossoms quite so decorative.

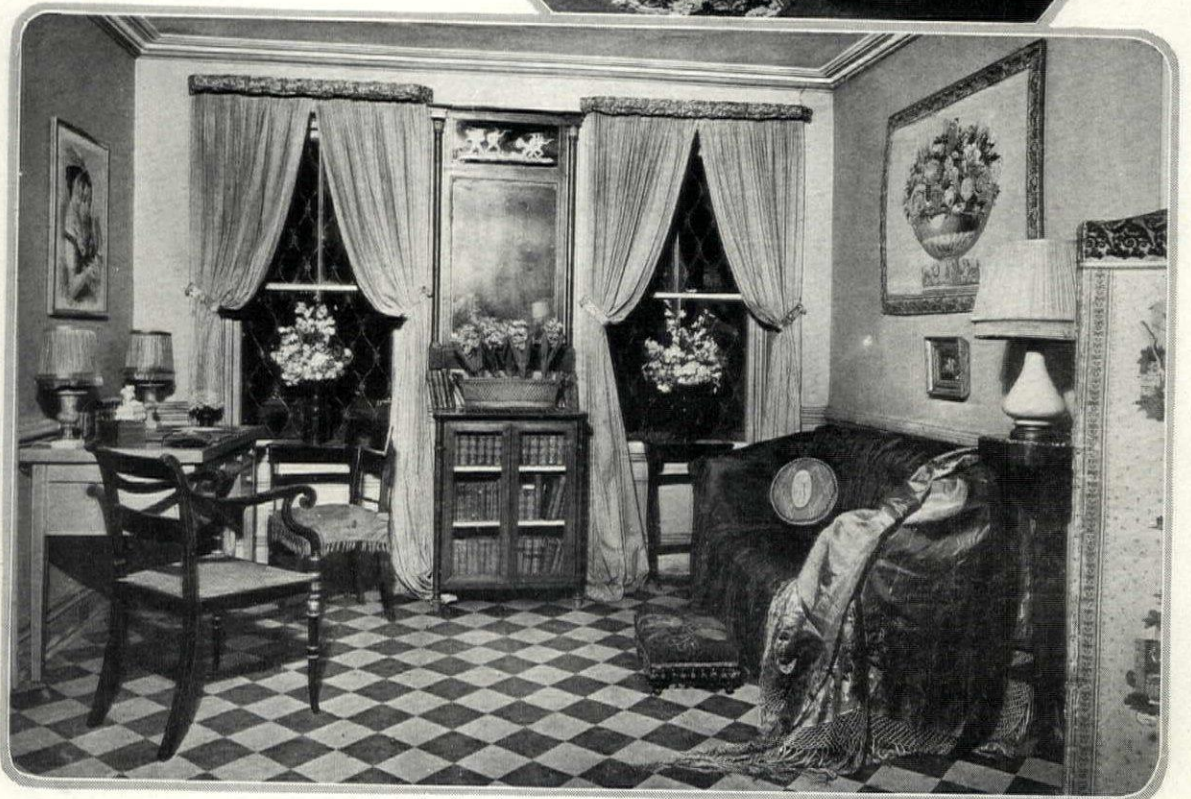
The most attractive room in the world takes on an added charm when an open fire blazes on the hearth. It is amusing to see how people unconsciously drift toward a fire, the focal point of the room. This is especially so when a most comfortable couch is drawn close, covered, as this one was, in a luscious plum color, with charming old needlepoint cushions.

An interesting touch was the picture above the old black marble mantel of a hunting scene in an English
(Continued on page 96)

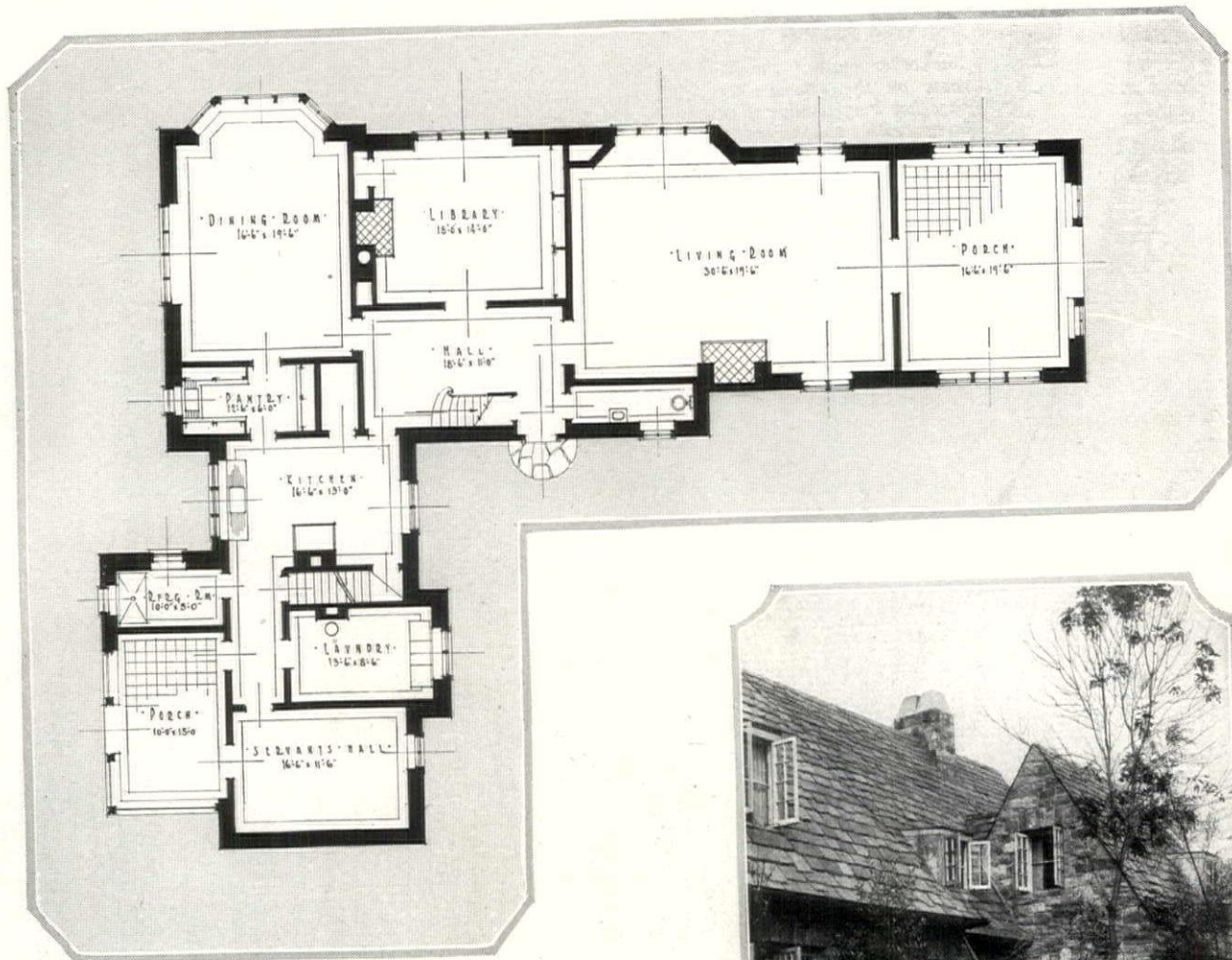
The other end of the room on the opposite page has long windows hung with pokeberry colored satin curtains under gilt cornices and valances of old brocade



In the morning room at the right the walls are hyacinth blue, a charming foil for the black marble mantel and old Italian consoles that form the keynote



A flower painting above the couch repeats the tones of the flowers scattered about the room. The walls are pale gray, the curtains yellow calico

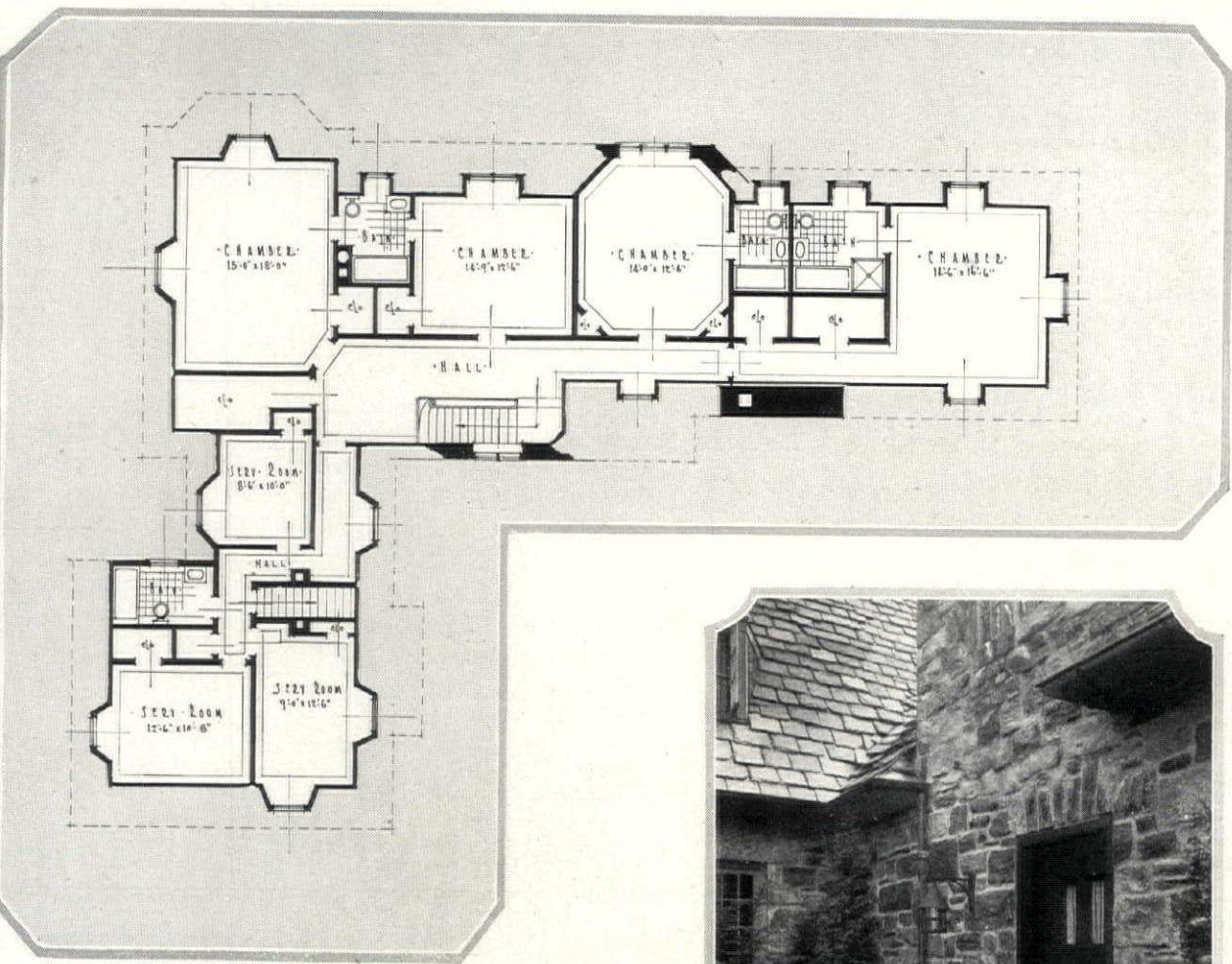


Here is a plan which is as consistent with its house as the house is with the plan. The placement of the service wing on the entrance front is a device first practiced by English architects, and recently popularized here

Color and texture in materials contribute a forceful part in the whole treatment of this house. Both the local fieldstone, roughly squared up, and the graduated slate roof present a varied range of dull-hued natural colors

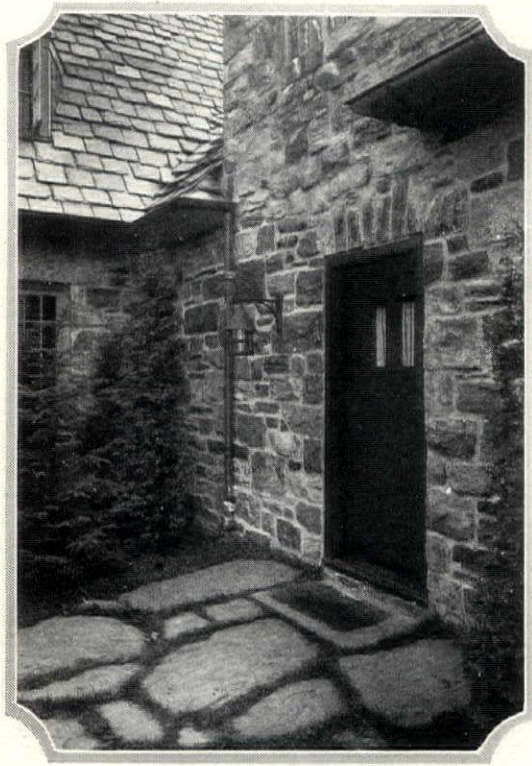
Few architects in this country have built any better argument in favor of the picturesque than this low, rambling house. It has the dignity of an ancient manor house; it belongs on its site, and achieves from the start a look of age





As a study in profile this house is almost unique—easily and unobtrusively related to its site and excellent in its own related proportions. Its mass conveys a sense of weight, but the weight is so well distributed that there is no feeling of heaviness

The second floor plan discloses, in a pleasantly rambling arrangement, a complete adequacy to the normal requirements of comfortable country house living and entertaining



The entrance, approached by a cracked flag walk, is unusually restrained but highly consistent with the character of the house. The effectiveness of the materials and the technique displayed in their use are apparent in this detail photograph

RESIDENCE OF JOHN H. TYSON
Riverside, Connecticut
 FRANK J. FORSTER, *Architect*

T H A T M A T T E R O F 6 %

*Which Is An Effort To Prove That The Financing
Of Life Is More Important Than Making a Fortune*

SOME day I am going to consort with an accountant. And I will ask him these questions:

"Why is it necessary for a man, when he is spending money, to figure up what that same money would have brought him had he not spent it?"

"Why is it necessary to eternally compute the matter of 6%?"

A man buys a place in the country, for example. He wants to live in the country, he wants to be able to leave the noise and bustle of the city at night and come back to the quiet place where he can sleep and rest in peace and where, of Sundays, he can potter around his garden. So he invests several thousand dollars—but forthwith begins to compute a loss of 6%!

I am wondering if pleasure and health aren't worth more than six per cent; if the reminiscence of happy days isn't a return bigger than any interest money can bring. Perhaps the accountant can say:

There was the case of my friend Gilford.

GILFORD came into my world the night I fell among brokers. They were pouchy men who wore silk hats, rode in limousines and could eat filet whenever they wanted to. They also smoked good cigars. I enjoyed their cigars. But even more I enjoyed their conversation. It was perfectly unintelligible, yet it was interesting.

After they had tired of markets and margins they fell to talking about the ways they spent their money. Brokers do that sometimes, even the best of them. Mind you, they didn't come out in the open about it, they didn't boast—they spoke covertly and made hints, and I saw giddy visions of these cousins of Croesus who had so much pelf that they could afford to spurn it.

One went in for Rolls Royces; another remarked that a wife and family were expensive luxuries. Gilford, a little fellow with rosy cheeks confessed he spent \$10,000 last year on his garden.

We started up. "On a garden? Winter Garden or . . .?"

"No, flower garden."

"And what did your investment yield you?"

"Flowers."

"That all?"

"That's all I wanted."

Now, had he said his investment yielded him a high grade of vegetables that he marketed at a good profit, no one would have been surprised. But flowers—pretty things to look at and sniff, fragile things that fade before dawn!

Of course, no one understood Gilford. The idea of a man spending \$10,000 a year for flowers does not enter into the calculations of most men. Little wonder that he blushed to see his

heart uncovered. But he was proud of it, at the same time. If the market didn't play tricks, he expected to spend more next year.

Before the night was over a different atmosphere pervaded the circle. It was as though a cleansing air had blown in from across stretches of lawn and woodland. On the way up the street one of them confided in half-ashamed sort of way, "That man Gilford makes me look like a piker. He gets so much out of life."

The point wherein Gilford differed from all the rest was in his complete refusal to balance pleasure and health against money. He refused to spoil the good times he was having by computing how much it cost. Gilford was not a 6% man. He wasn't satisfied with getting a paltry 6% out of his life. He looked on life as a 100% investment—and you saw it in his color and his eye.

Gilford had been playing partners with Nature that year. He had invested \$10,000 in the firm. To be sure, he was drawing a staggering profit in pleasure and health. But 6%! What did 6% mean to him? He was playing for bigger stakes!

That is the way he looked at everything about the place. He had one fortune to invest—and that was his life, and he planned to invest it where it would bring the biggest returns. He had written his philosophy all over the place. You read it in the flowers, in the velvet lawns, in the clean-kept paths. You saw it in the stalwart limbs of the oaks and the swaying elms wrote it on the sky. It came as a voice from every bush and bower. Your ears rang with the motto: "It is more important to make life than make a fortune."

MEN are divided into these two classes—the 6% and the 100%: men who balance their books with figures and men who balance them with flowers. One cannot draw all money and all health from the same investment. Something must be charged off against life and flowers, against the warmth of sunshine and the cool of rain, against sunsets and drifting clouds and the wind through the trees.

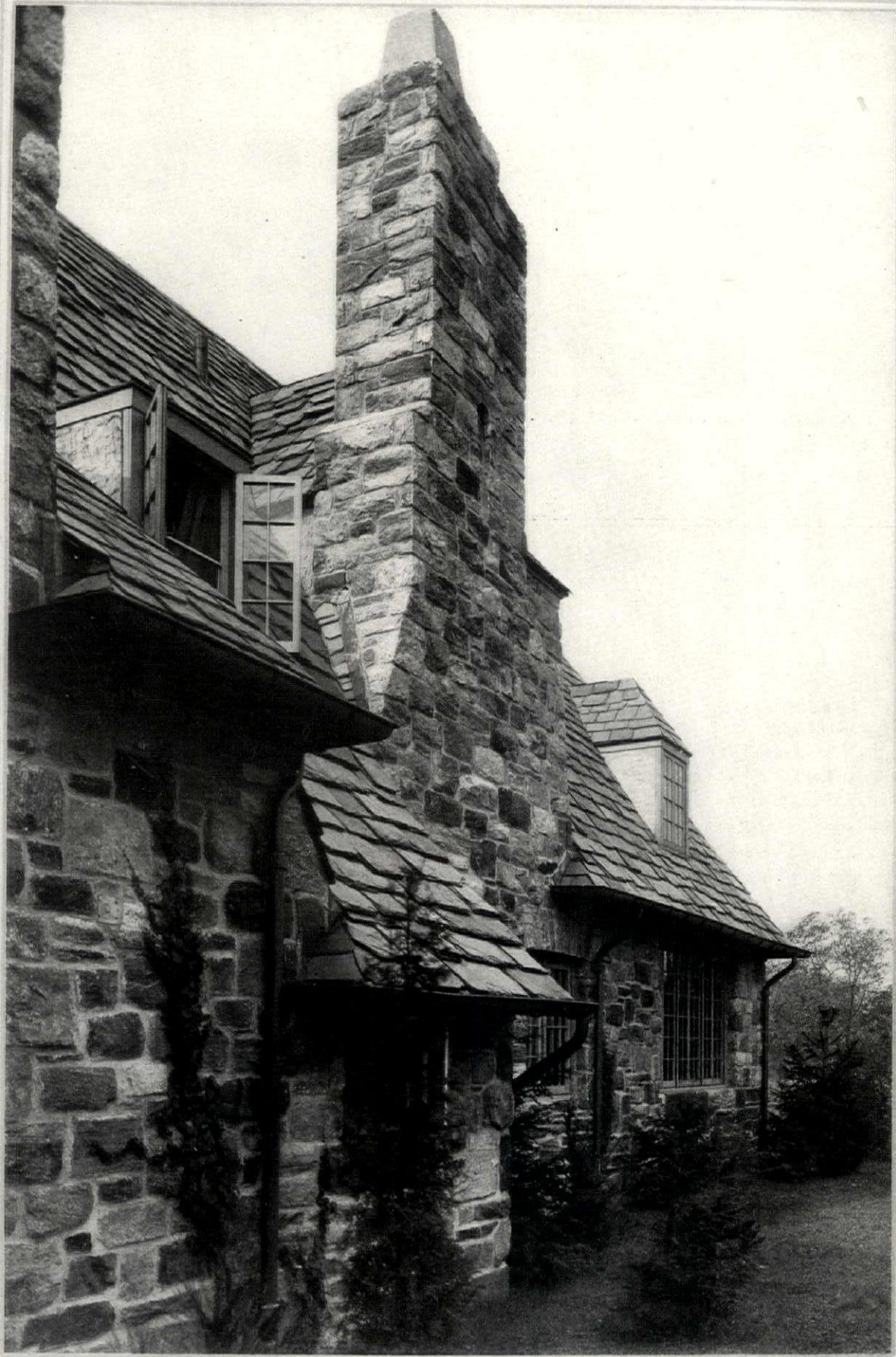
Perhaps the day will come when a man will figure up his health and pleasure in the same way he now figures on money. How much can he invest? How much dare he spend? He will sit down and calculate if a flower garden is a good investment and if the sight of long shadows through the trees will bring their worth in pleasure to his eyes.

These are matters that the world would call silly and sentimental, yet they are the very foundation of life and living. They were the things men once worshipped.

What is 6% compared to them?

This editorial, first published in January, 1917, brought quite a number of requests for copies of that issue. Unfortunately the number was long since exhausted and we were unable to supply these copies. One prominent Cleveland firm did us the honor of reprinting it in a booklet for its private holiday greeting of 1922-23. This and the requests for copies emboldened us to repeat it





Gillies

A STUDY IN STONE AND SLATE

Fieldstones, retrieved from years of fence duty in the neighboring pastures, have been laid with their weathered face exposed in the walls and chimney of the house of John Tyson at Riverside, Ct. The roof of varicolored Vermont slates slopes steeply and picturesquely down to the wide, overhanging

eaves that lie at different levels above the ground. The great width of the chimney at its base is lessened toward the top by being stepped in at various points, so that the final effect is one of sturdy grace rather than of what might easily have been massive bulk. Frank J. Forster, architect

GAY SCENIC PAPER FOR DINING ROOMS

Dinner Parties Are Apt to be More Successful if One Has Something Colorful and Interesting to Look at as Well as Eat

NANCY McCLELLAND

WHAT makes the success of a dinner party?

Is it what is on the table? Or who is on the chairs? Or what is on the walls of the room?

Had you asked this question of an illustrious hostess of three generations ago, you would undoubtedly have been answered: "The secret of a successful dinner party, sir, lies in what is on the table".

A very simple, very solid, very satisfactory reply. If lacking in subtlety, there is at least a refreshing plumpness and directness about it that must have been encouraging to guests of that day, who knew that they would be at table three and four hours at a time.

I fancy that such a hostess must have looked with scorn at those who followed her and took for their slogan, "Not what's on the table, but who's on the chairs". Despite such disapproval, however,



M. E. Hewitt

The paper in the New York dining room of Mrs. Frank L. Crocker tells the charming story of Renaud and Armide in color as fresh as when they were printed in 1830

dinners grew shorter; courses were fewer and the milieu meant more than the menu.

And now it is possible that a new era will be inaugurated, for there are hostesses who have just discovered that some of the success of their dinners depends on something not thought of before—the surroundings. They have learned that a depressing room contributed to dull dinners and now give quite as much attention to the decoration of the room in which the dinner is to be served as to the ordering of the dinner itself.

If you have read Pere Goriot, you must recall Balzac's description of the dining room in the Pension Vauquier, where the young ladies who ate their miserable soup amidst the odor of the pension were regaled and tantalized by the scenes of feasting that were spread upon the walls before their eyes. The



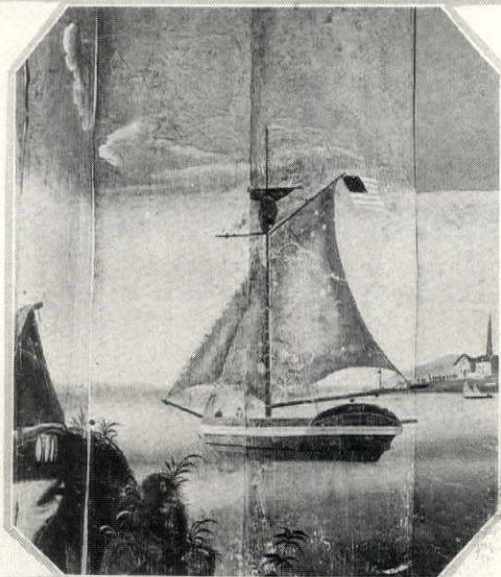


Panels of paper in a Louis XV design are especially gay against custard yellow walls. Decorations by Nancy McClelland, Inc.

scenic paper that adorns the room was "The Adventures of Telemachus in the Island of Calypso", and in the most prominent place, between the cross-barred windows, was the episode of a sumptuous repast proffered to the son of Ulysses. Small wonder that the eyes of the poor little pensionnaires strayed from the food they were condemned to eat to the highly colored and alluring viands in the picture.

As yet, no New York hostess that I know of has tried this vicarious method of providing sustenance for her guests, but a large number are beginning to realize that the decorations of their walls will add a certain zest to their dinners, just as flowers and music and soft lights contribute to its success. And a few have succeeded in finding very unusual and beautiful papers to use for wall decorations.

In the dining room of Mrs. J. Watson Webb, at Westbury, Long Island, is a fascinating old French paper with tossing waves and boats that seem to bring the sea into the room. Over the mantel, as



This sailing vessel flying the American flag with thirteen stars is part of an old French scenic paper painted in tempera about 1796

the scene wanders on without repetition, is a sailing boat flying the American flag with thirteen stars.

Many and merry have been the disputes at the dinner table over this flag. The question is always raised as to whether it was painted especially for the over mantel decoration, but Mrs. Webb convinces doubting Thomases by telling them the history of the paper. It was found in a little town near Verdun, where it has been on the walls of a cafe

ever since it was made. This was about the time of the French Revolution, as the Liberty caps on the sailors and other personages in the paper show. America had already won her independence, and as a compliment, her flag was painted on one of the vessels in the picture, and has never been touched since.

This old paper, with its blues and greens and touches of bright color in the costumes, is a lovely
(Continued on page 94)



Yellow chairs with fat blue cushions tone charmingly with the colorful paper panel in the dining room of Mrs. Louis Ranger

WHEN YOU PLAN YOUR GARDEN

The Arbor and the Pergola, Which Are Really the same Thing,

Can Make or Mar the Final Appearance of the Scheme

RICHARD H. PRATT

IT seems a fairly credible theory that arbors were made before gardens.

Yet if one were to investigate the matter in a history of garden design (which would mark one immediately as a curious sort of garden enthusiast) one would probably find the whole subject rather mistily discussed. This historical vagueness makes it easy to put forth the theory that no one ever thought of making a garden until after they had built a little summer house close at hand from where they could overlook the view. Then they began to fix up attractively the space in between, and the space in between gradually became a garden. Sometimes it must have seemed a good idea to make a shaded walk to the arbor. Naturally, then, when the impulse came to decorate the intervening area this

long arbor became a part of the garden.

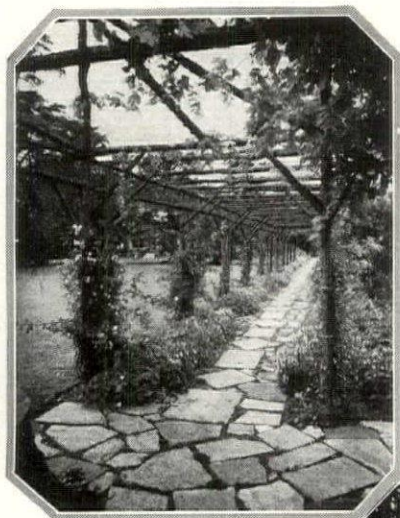
In this way there were created two kinds of arbors; the type which was a sort of retreat, or overlook, or resting place, and the type which was a sheltered passage. The sheltered passage kind was made to cover a path that led from the house to some definite object beyond the house, or that connected two definite points in the vicinity of the house. The kind of arbor which served as an outdoor retreat was located at some nearby spot of vantage and became eventually the focus point of the garden.

The origin of these things are not only interesting, but they are valuable items to keep in mind when gardens and arbors are being built today. For occasionally one sees detached arbors that are so located and designed that they cannot be used suitably either as a resting place or as an overlook. And there are long arbors that neither lead anywhere or connect anything. And if it is true that gardens were first devised as a pleasant accessory to arbors the position and purpose of the arbor in the garden must still be of considerable importance.

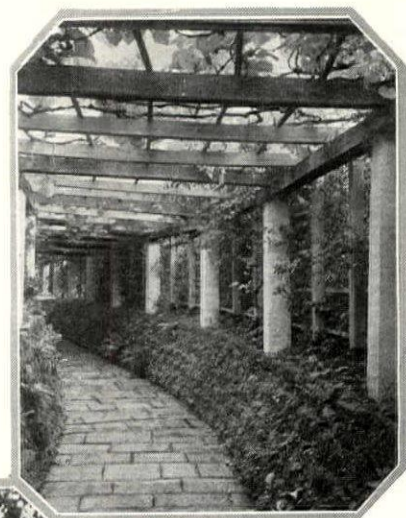
But before discussing in detail the matter of the arbor's place in the scheme of the modern flower garden it would be well to consider the various types of construction to which it is susceptible. The simplest, of course, is that which consists of a light frame of wood, or of metal rods, covered

with vines. This type is an outgrowth of the desire to emphasize the importance of plants over architecture, and it can be extremely effective in gardens that are informal in treatment. The rose arbor in the center of the opposite page, for instance, is an example of this method of design, in which the arched supports are of secondary importance and the bloom and foliage of the roses the main objects of interest and beauty. The arbor in this case is nicely appropriate to the spirit of the border garden over which it has been placed.

When an arbor begins to take on an air of structural sophistication it may properly be called a pergola. It will always remain an arbor, but when it is made up of columns or piers and cross-beams whose details are consciously decorative and thought-



An arbor of cedar poles done artistically in the rustic manner and covered with hop vines and roses

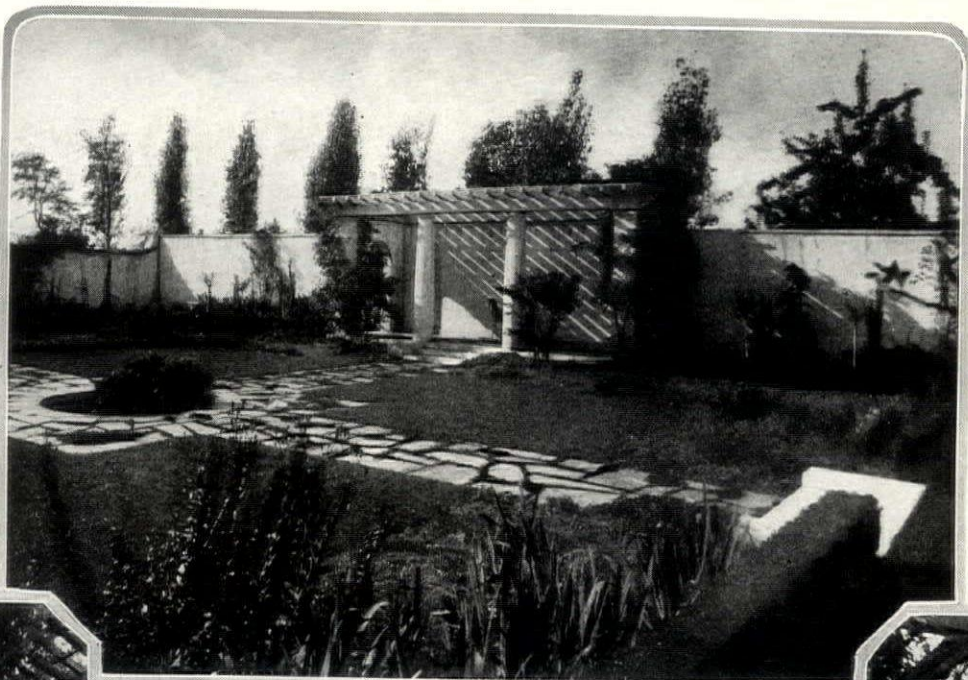


This pergola covers a curved, sunken path and is supported on piers of white-washed brick

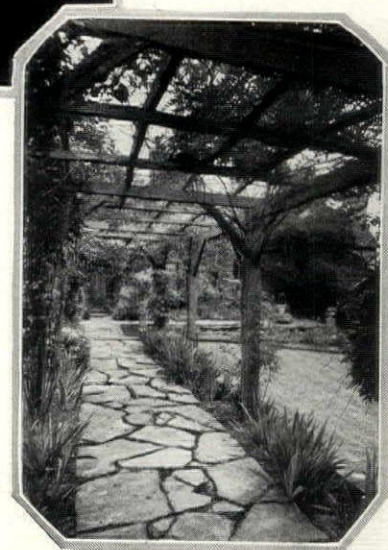
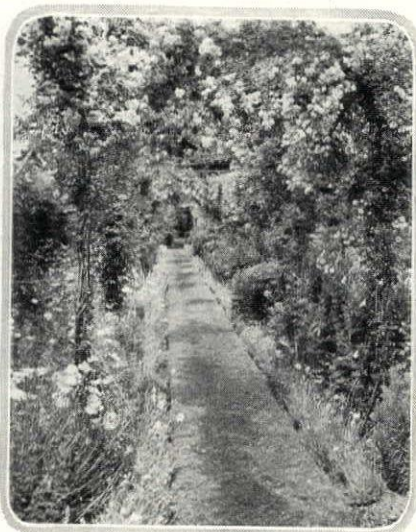
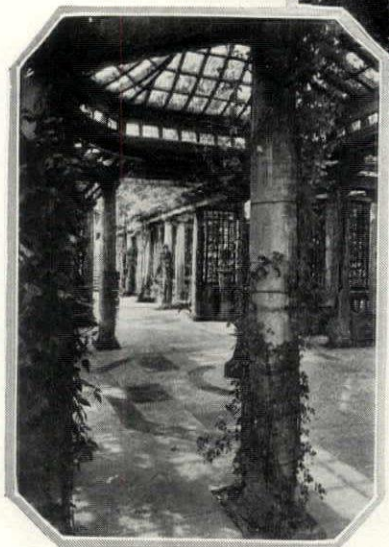


An arcade of ivy covered archways in an unusually effective derivative of the arbor idea in foliage

A formal arbor set against the background of a high garden wall. Richard H. Pratt, landscape architect

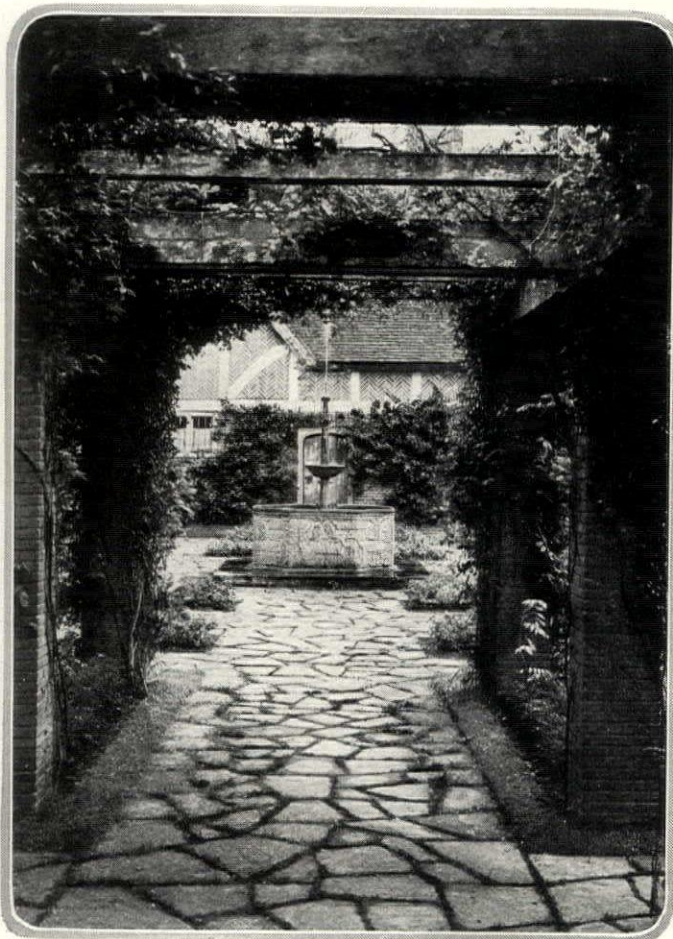


(Center) Showing how attractive the most simply designed and inexpensive rose-hung arbor can be realized



A wide flung pergola, elaborately designed, whose central section is covered with beams in hipped roof form

The use of squared and stained oak timbers is especially appropriate to a garden in the English spirit



cross-beams. In arbors where posts are used, such as that illustrated above, angle braces are generally necessary to provide additional strength, and when occasion demands they can be made a very decorative element in the design.

Posts, of course, are always made of wood. In arbors like the one shown on the left hand side of the opposite page, done in a rustic manner, the posts, as well as the beams and braces, are small sized timbers in the natural state, cut from cedar trees. This same kind of small timbers, by the way, is very often used on pergolas altogether different in character, such as that well known one at Amalfi, in Italy, where the stuccoed Tuscan columns are almost massive in scale compared with the slender cross pieces of cypress poles.

(Continued on page 92)

This pergola, with its brick piers and heavy oak cross beams, leads onto the courtyard of a half-timber house

fully proportioned, it acquires the right to change its name. The degree to which the pergola is made formally or ornamentally impressive should be determined by the character of the garden. The materials of which it is built, and the way these materials are handled, may be suggested by the architecture and construction of the house belonging to the garden. The pergola at the right is an excellent example of design in complete harmony with the house; the building, seen beyond the fountain, being a brick, half-timbered structure, and the pergola being built of the same materials similarly treated.

There are four principal parts to every cross-beamed arbor and pergola: the supports, which may be posts or piers or columns; the lengthwise beams, which rest upon each line of supports; the cross-beams which, in turn, rest upon these long girders, and the strips which may be either heavy or light and which run lengthwise over the

FOUR WAYS TO
DRAPE DRESS-
ING TABLES

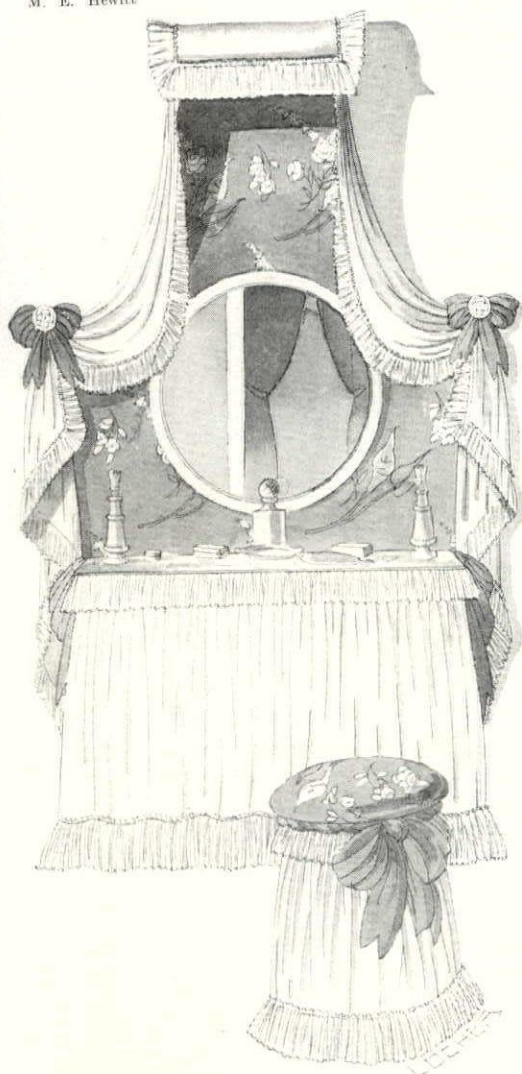
The graceful dressing table at the right is of mauve taffeta, its smart drapery edged with a long bead fringe. It is in the New York home of Mrs. George Sloane. Agnes Foster Wright was the decorator



M. E. Hewitt



If one is so fortunate as to possess paneled walls, gaily painted, the dressing table will be most effective draped in taffeta of some plain color. Here the graceful mirror provides another decorative note. Chamberlain Dodds, decorator



Shirrings of fine net headed with narrow French ribbon effectively trim the blue and pink shot taffeta flounce of this dressing table. The ruffled curtains are plain blue glazed chintz and the chair dull pink. Courtesy of Miss Swift

In a country house bedroom one might have such a dressing table as this with draperies of yellow organdie over a background of coral and yellow glazed chintz. The canopy effectively conceals the lights. Designed by Robert Locher



A graceful group near a bedroom window consists of a chaise longue, floor lamp and low table. From Elgin A. Simonds Company

G R O U P I N G F U R N I T U R E

A Large Part of the Grace and Livableness of a Room is Due to the Manner in Which the Furniture is Arranged

MARGARET McELROY

TWO kinds of rooms, each effective in its own way, come instantly to mind when one begins to plan a living room. The first is the coldly lovely period interior with everything exactly right and in its right place, everything "faultily faultless, icily regular, splendidly chill" as Tennyson doesn't exactly say. Over such a room one is apt to exclaim on entering, to be intrigued with the period knowledge evident in the furnishings, to compliment the owner on her perseverance and skill in gathering and assembling furniture, hangings and accessories in keeping with each other and representative of a vanished era. A room of this kind has a restfulness about it that is very appealing. It is only when faced with the disturbing thought that nowhere in evidence is there anything strongly indicative of the interests or personality of the owner that we breathe a sigh of relief at not having to live permanently in surroundings so cold and lacking in the personal touch.

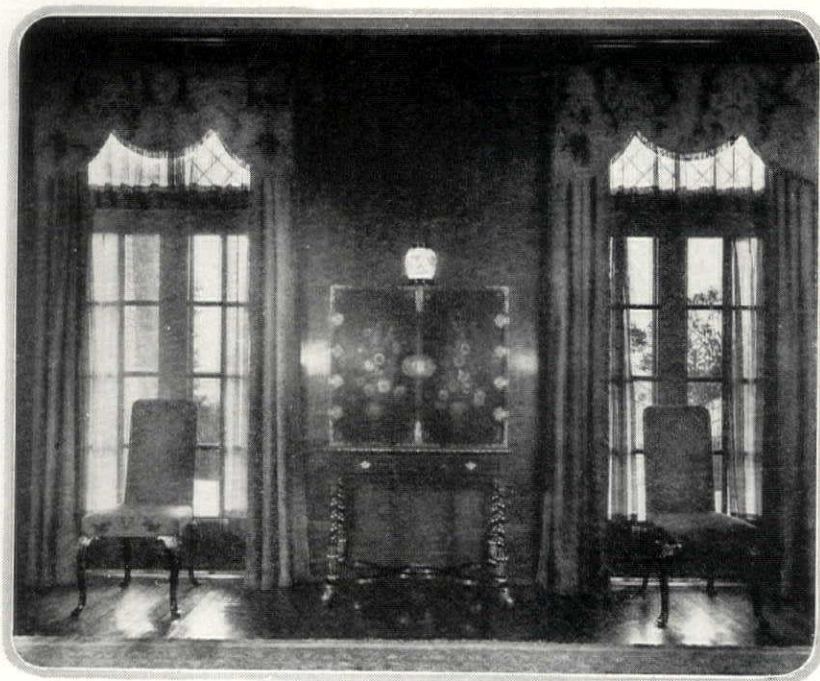
The other room is quite a different story. Equally restful, perhaps many peri-

ods have been combined to create its ultimate charm. Every feature reflects in some slight manner the personal tastes of the occupant. The quaint ship model above the fire-place, the colorful Jacobean design of the printed linen hangings, the bit of porcelain or jade, arouse an interest quite apart from their decorative value. Knowledge of what combines happily is more essential here than in an interior clinging closely to one era. It is the introduction of

widely differing objects, which when brought together form a pleasing and decorative ensemble as well as revealing some vivid interest of the owner, that makes a room alive, takes it out of the commonplace and gives it the snap and individuality essential to success.

Much of the grace and livableness of a room is due directly to the manner in which the furniture is grouped. The arrangement almost as much as the beauty of the pieces themselves is responsible for that air of being lived in which is the secret of a really successful interior. Quite as important as what pieces one puts into a room is where one puts them.

Furniture cannot be arranged all of a sudden. It must be tried out in various positions, tested for both its effectiveness and comfort and thoroughly lived with, before one can be sure of its being placed to stay.



A lacquer cabinet and two chairs silhouetted against long windows effectively solve the problem of a dining room side wall. Miss Swift, decorator



The window group is one of the most important in the living room. The settee above is balanced by chairs and two small tables. Miss Gheen, decorator



In a corner one might put a comfortable couch and overstuffed chair with a small table between to hold a lamp. Courtesy of Nancy McClelland, Inc.

The piano in the picture below is fortunately placed at the end of a room near a window and between an arm chair and settee. Miss Swift, decorator

One of the first rules to be observed is to avoid overcrowding. Too many pieces give a room a cluttered-up look and destroy the sense of balance so essential to a restful effect. Threading one's way in and out among a mass of meaningless tables and stools to reach a fireside chair does not tend towards a peaceful state of mind; it merely serves to emphasize the fact that it is a great deal better to have too little in a room than too much.

An excellent way of determining the most appropriate places for pieces of furniture is to study a room after several people have left it. Heavy sofas and tables of course cannot be changed but the positions of chairs, stools and small tables, which have been moved about for sociability, will often be found to form nicely balanced groupings that are frequently as decorative as they are practical.

It is quite natural that the fireplace should be the central point of interest in the room. Here hospitality begins, here the guest is welcomed and made to feel at home. Here talk is at its best and when one is inclined to silence, a comfortable chair in front of a blazing fire is the very best spot in the world in which to dream. So unlimited care should be given the placing of furniture around the hearth.

If the room is large a good arrangement in the winter is a long couch in front of the fire with a chair at either side. In this way a group of people can enjoy the fire and talk more comfortably than if all were seated in a line on the sofa. There should be low tables for smoking things within convenient reach and a long table directly back of the couch for magazines, books, a pair of lamps and a bowl of flowers. This arrangement lives well but needs a large space in order not to look cramped.

When the room is small a settee on one side of the fireplace with a floor lamp can be balanced by a comfortable overstuffed chair and table on the other, or two easy chairs will serve the same purpose. The main things to be considered in a fireplace grouping are comfortable places to sit, good lights to read by and convenient tables to hold books and smoking things.

Next in importance is the window group. People naturally linger near a window especially if there is a garden or an interesting view beyond. Such a group



the case of a bay
lastered window seat
Lampairs nearby. Al-
table should be in-
If there is a
a large
ent is a
space nt of
one is to avo-
Two commo-
fa will serve
+ use a
If one has
two



The nice balance in this side wall arrangement creates the air of formality so necessary to a successful hall grouping. Courtesy of Adeline de Voo Cummings

floor lamp forms another grouping that is graceful and adds immeasurably to the livable aspect of the room.

Of all rooms in the house the hallway is most apt to be neglected. This is a mistake for the first impression of a home is gained in the entrance hall and unusual care should be given the selection and arranging of its furnishings. Because it is an interior that one does not linger in for any length of time, it is too often allowed to remain dark and uninteresting, its hit or miss furniture without any semblance of charm or raison d'être. As people have come to realize the value of first impressions, halls have braced up and even the long narrow ones that are merely passages to other

(Continued on page 98)



A COLONIAL FARMHOUSE

Much of the Charm and Atmosphere of a Vanished Era are
The Week-end Cottage of Evangeline Adams at Yorktown

PERCHED on the top of a hill, quite hidden from the winding road below by masses of shading elms, and overlooking wide, gently rolling land once the site of the American trenches during the Revolution, stands what served a hundred years ago as a Friends' Meeting House. Since then, during the slight remodeling necessary to transform it into a delightful week-end cottage, there was plenty of time to modernize, decorate and, in the end, thoroughly spoil it. None of these things happened, however, for Miss Adams and

those who assisted her in the process of restoring were wise enough to see that success lay in preserving as much as possible the atmosphere of that vanished period. The tiny cottage is not only immensely comfortable but its gay and amusing interior is filled with quaint relics of Revolutionary days, possess an interest quite beyond their decorative value.

Mellow old mahogany, here and there a piece of maple, love-ornaments, colorful glass and countless accessories of the pe-

little charm. a reproduction table room weather-beaten

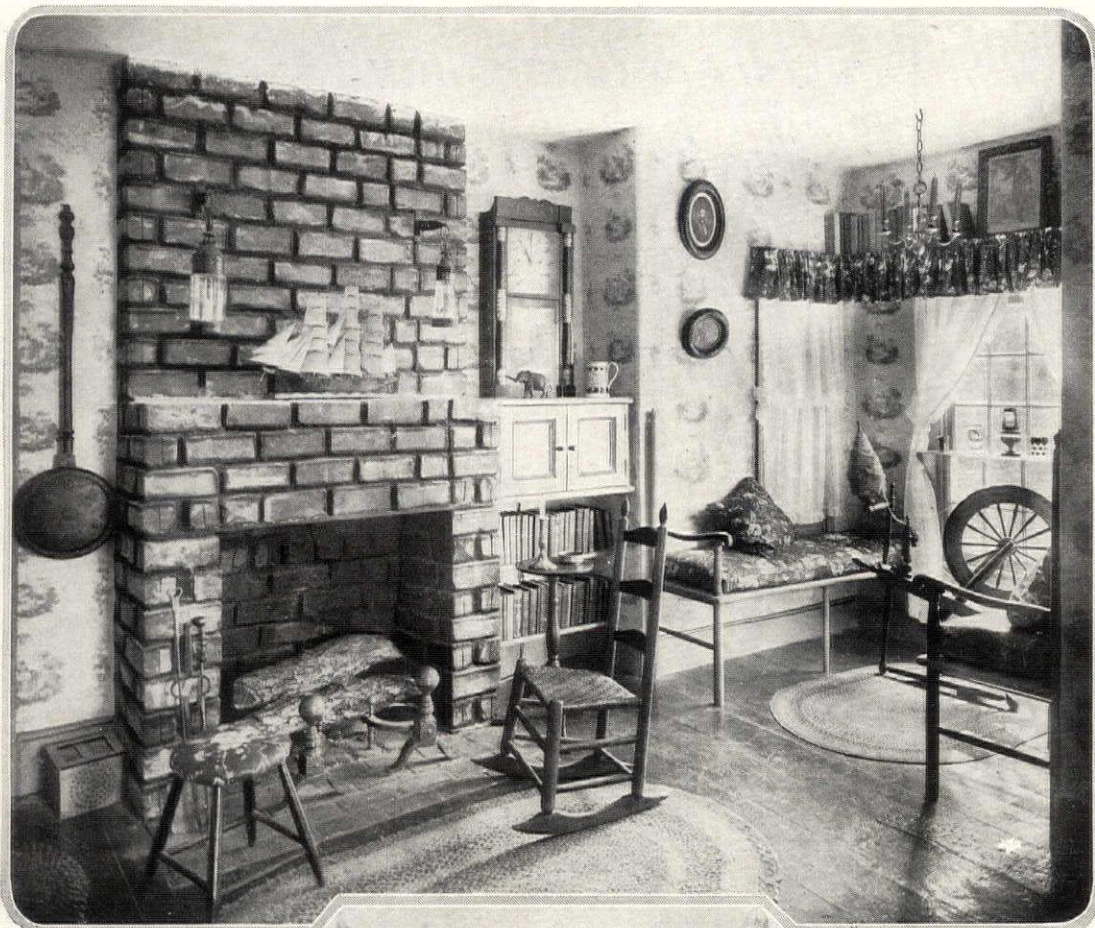


The wall paper in the dining room is bright yellow sprinkled all over with blue and rose butterflies. This makes a delightful background for the old chairs and cupboard painted shiny black and lined in yellow.

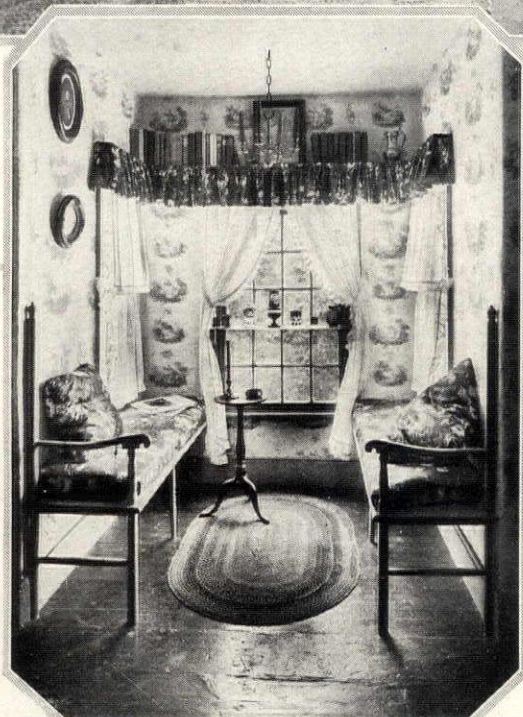


This simple bedroom with its sturdy, mahogany furniture has Venetian blue walls and woodwork, a black window trim and colorful rag rugs on the floor. Grover Cleveland and John Randall were the decorators.

Although the veranda is a modern addition it is in character with the robust lines of the original meeting house. Unpretentious and yet unusually pleasing are the steps of rough stone with their graceful curved railings, painted white as is the rest of the house.



Over the brick mantelpiece hangs a weathered brass lantern, dating back to Revolutionary days. The ship model, clock and old warming pan are among the decorative accessories



This little recessed window nook has amusing benches upholstered in Burgundy colored glazed chintz. Ruffled muslin curtains frame the window and its shelf of colorful glass

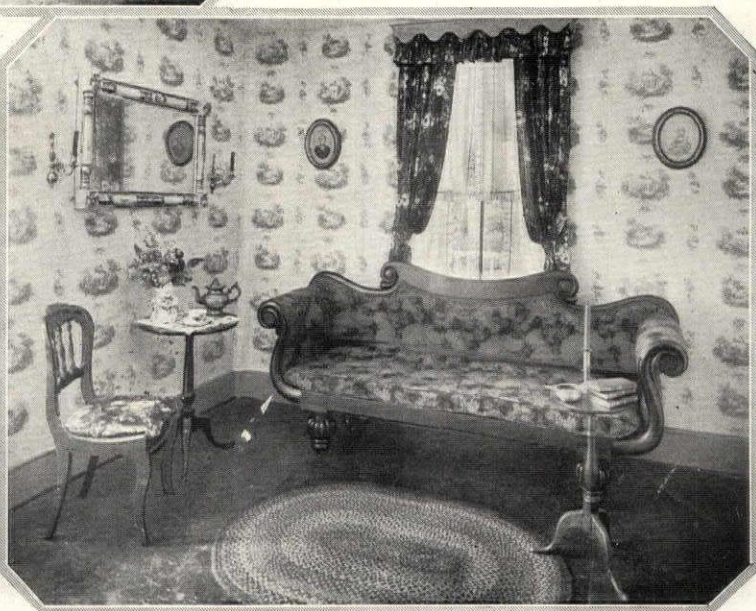
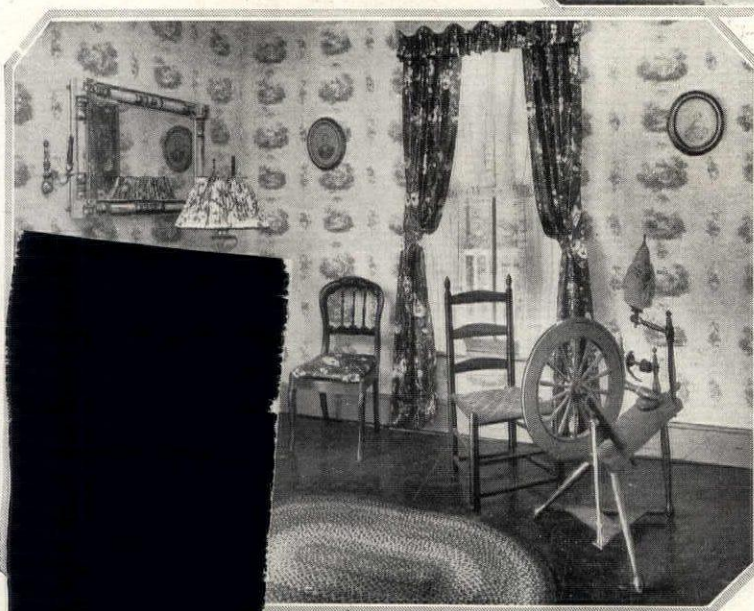
and darkened by time. One came from the house of Miles Standish, a worthy companion of the pewter platter boasting a Revolutionary bullet hole which stands on the mantel in the dining room.

This is the gayest possible little room with walls done in a decorative paper, faintly Chinese in feeling, a vivid yellow sprinkled all over with

A reproduction of an old gray scenic paper has been used with unusually good effect in the little living room. It makes a charming background for the maple and mahogany furniture

blue and rose butterflies. The furniture and woodwork are painted black and lined in yellow. Soft white muslin curtains edged with little fluted ruffles, colorful hooked rugs and an old woven blue and white table cover, echo the color of the old china and lustre ranged in shining rows on the shelves of the mellow-toned Welsh dresser.

Hangings of Burgundy glazed chintz with a design of big pink roses are especially effective against the gray walls and woodwork. Grover Cleveland and John Randall, decorators





Some of the finest work of Grinling Gibbons is contained in his panels, *The Four Seasons*, of which this, with its fifes, flageolets, and fiery torch, is Winter

ONE winter's day in the year 1671, John Evelyn of diary fame was strolling in the neighborhood of Sayes Court, his estate in Deptford, some four miles east of London Bridge, when the following incident took place which he chronicled under date of January 18:

"This day I first acquainted his Ma^{ty} with that incomparable young man Gibbon, whom I had lately met with in an obscure place by mere accident as I was walking neere a solitary thatched house in a field in our parish, neere Sayes Court. I found him shut in: but looking in at the window I perceived him carving that large cartoon or crucifix of Tintoret, a copy of which I had myself brought from Venice, where the original painting remains. I asked if I might enter; he open'd the door cordially to me, and I saw him about such a work as for y^e curiosity of handling, drawing and studious exactness, I never had before seene in all my travels. I questioned him why he worked in such an obscure and lonesome place; he told me that it was that he might apply himself to his profession without interruption and wondered not a little how I had found him out, I asked if he was unwilling to be made knowne to some greate man, for that I believed it might turn to his profit; he answer'd he was yet but a beginner; but would not be sorry to sell off that piece; on demanding the price he said £100. In good earnest, the very frame was worth the money, there being nothing in nature so tender, and delicate

THE WOOD CARVING OF GRINLING GIBBONS

GARDNER TEALL



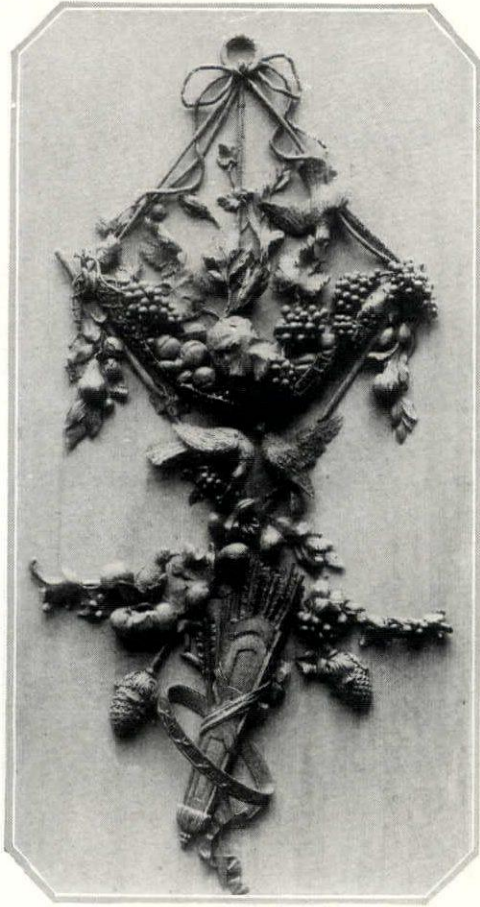
Until Gibbons' day wood carving was done in low relief. His work was the first to be marked by such complete undercutting as in this vertical panel



This carving is the Spring of *The Four Seasons* group and, as in all of Gibbons' work, it is done with rare fidelity to nature and with amazing skill

as the flowers and festoons about it, and yet the worke was very strong; in the piece was more than 100 of men, etc. I found he was likewise musical and very civil, sober, and discrete in his discourse. There was only an old woman in the house. So desiring leave to visite him sometimes, I went away."

This "Gibbon" discovered by Evelyn was none other than Grinling Gibbons who was to achieve high fame for his wood-carvings and whose work was to reach the apex of English achievement in this art. Evelyn always referred to him as "Gibbon" and by that name he was more generally known to his contemporaries than by the name of Gibbons. The carved piece on which Evelyn found Gibbons at work was "The Stoning of St. Stephen" and is now in the Victoria and Albert Museum in London. Of Grinling Gibbons' antecedents when Evelyn came upon him we know very little—almost nothing. It is believed he was born in Rotterdam. One of his parents was English, perhaps both. His father may have been Simon, a master carpenter who was descended from English musicians. Grinling Gibbons



cian. Horace Walpole appears to have found little information on Gibbons' early life but comforted himself with the remark that as he was "an original genius, a citizen of nature, consequently it is indifferent where she produced him." Perhaps it is. We can, however, give the date of his birth as 1648, for his horoscope, once in his own possession, is extant. He died in 1721.

The hand of Grinling Gibbons brought a refinement and delicacy into English wood carving that theretofore had not been found. His influence on the art of his own time and of his successors was enormous. A love of nature was innate with him, and to his ornament he brought a beauty and virility new and bizarre. Evelyn did well to enthuse over his protégée. No wonder he wrote in a later entry of the *Diary* than the one quoted above, "Of this young artist, together with the manner of my finding him out, I acquainted the King (Charles II), and begged that he would give me leave to bring him and his worke to Whitehall and that I would adventure my reputation with his Ma^{ty} that he had never seen anything approach it, and that he would be exceeding pleased, and employ him. The King said he would

(Continued on page 92)



Summer, of The Four Seasons group, is a rich, luxuriant bit of carving, extremely decorative in design and unmistakably suggests the season



With crossed flails, a sheaf of wheat, a scythe, a sickle, a melon, and a snake, this panel of The Four Seasons is nicely symbolic of the Autumn

This delightful over-mantel decoration was carved out of rosewood and set against an oak panel. The roses are exceptionally fine pieces of work

ROCK GARDENS FOR SUNNY SLOPES

*When These Avalanches of Color Fall Toward the South There is
Need of Tall Growth for Protection and Winter Display*

RICHARD ROTHE



In addition to being an artist in plant arrangement one needs to be something of a geologist when it comes to developing rock gardens such as these; for the rock formation, even though it is not always genuine, must appear authentic before the plants can seem to grow naturally

Bold masses of color cover broad areas on these sunny, rocky slopes, while delicate details of rare alpines line the crevices between the rocks. Mugho pines, laurel, and azalea create the necessary shade from the too direct rays of the sun. Richard Rothe was the garden designer



OF ALL garden types none is quite so sensitive to its site as the rock garden. It expresses a very definite kind of ground formation; therefore it must either be a development of some situation or it must be cleverly built to simulate a natural outcropping of stone in a place where such an outcropping might sensibly exist. It is not enough that stone be brought to a spot and arranged there in an authentic manner: the spot itself must be in character. And as rock gardens are essentially naturalistic their plantings should be plausibly naturalistic also. On certain slopes and exposures, for instance, grow certain varieties of plants with habits controlled by the conditions of the site. On other slopes and exposures the whole scheme may be entirely different.

The open sunny slope is an instance frequently met with, and in many respects it proves decidedly favorable for rock garden work. On rising ground there are opportunities for pocket-building, and it is by means of these different sized compartments for the soil that we get the everchanging surface levels whereupon to establish our plantations. We get the picturesque ruggedness in character by using bulky surface rocks. On elevated ground we can place them to the best effect. The laying out of paths necessitates the building of stair work, and stair work always heightens the beauty of a rock garden.

Referring to the planting, we usually first provide for background and side-flank-

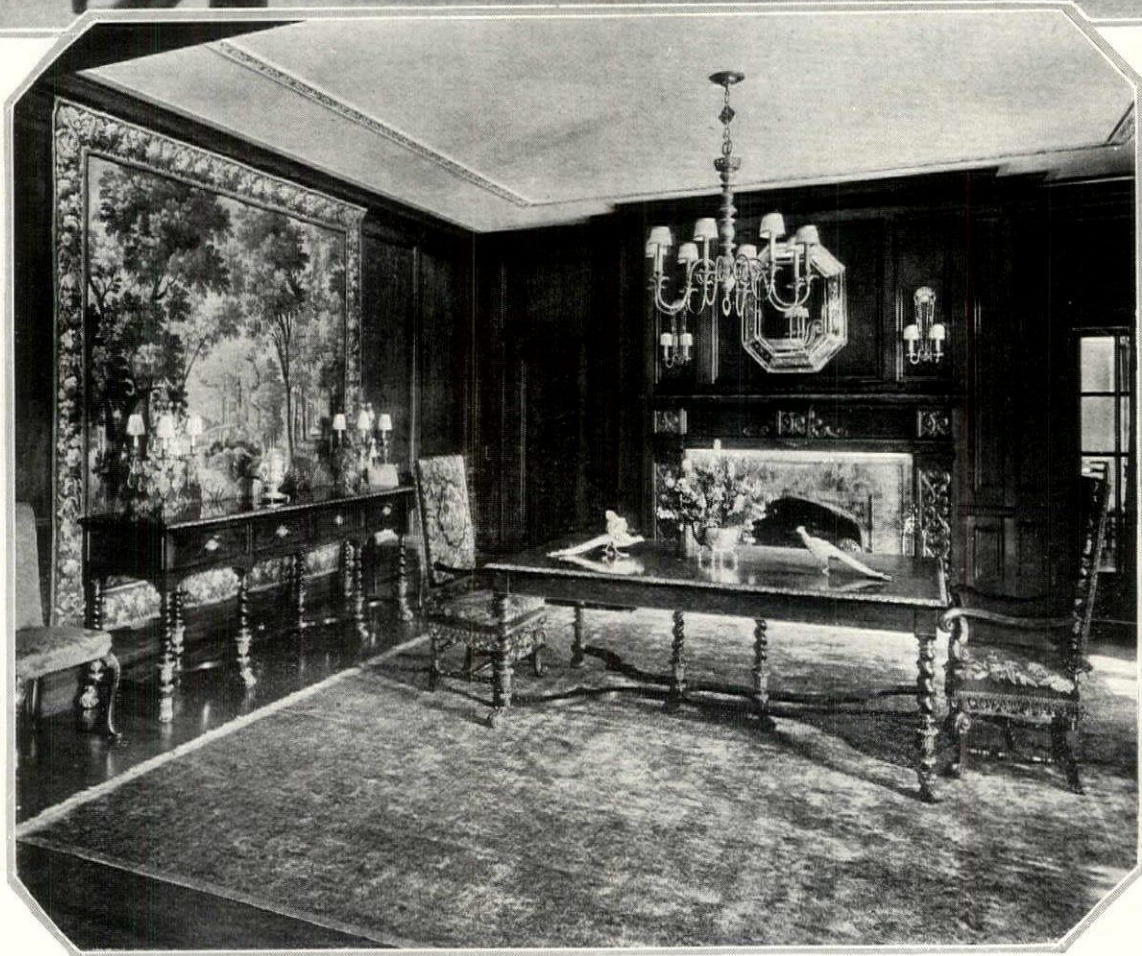
(Continued on page 100)

A LITTLE PORTFOLIO OF GOOD INTERIORS



The rooms in the Portfolio this month are from the house of Mrs. H. R. Munger, Dallas, Texas. Above is an attractive fireplace group in the living room. Although the paneled walls and comfortable chairs are low in tone, the Oriental rugs and bookbindings provide plenty of color. Miss Swift, decorator

It is good to be able to turn from one's writing and look out onto a garden in full bloom. The old walnut Queen Anne secretary in a corner of the living room is happily placed near a long window which has pale gold gauze glass curtains, pushed well back, and deep blue satin overhangings framing the view

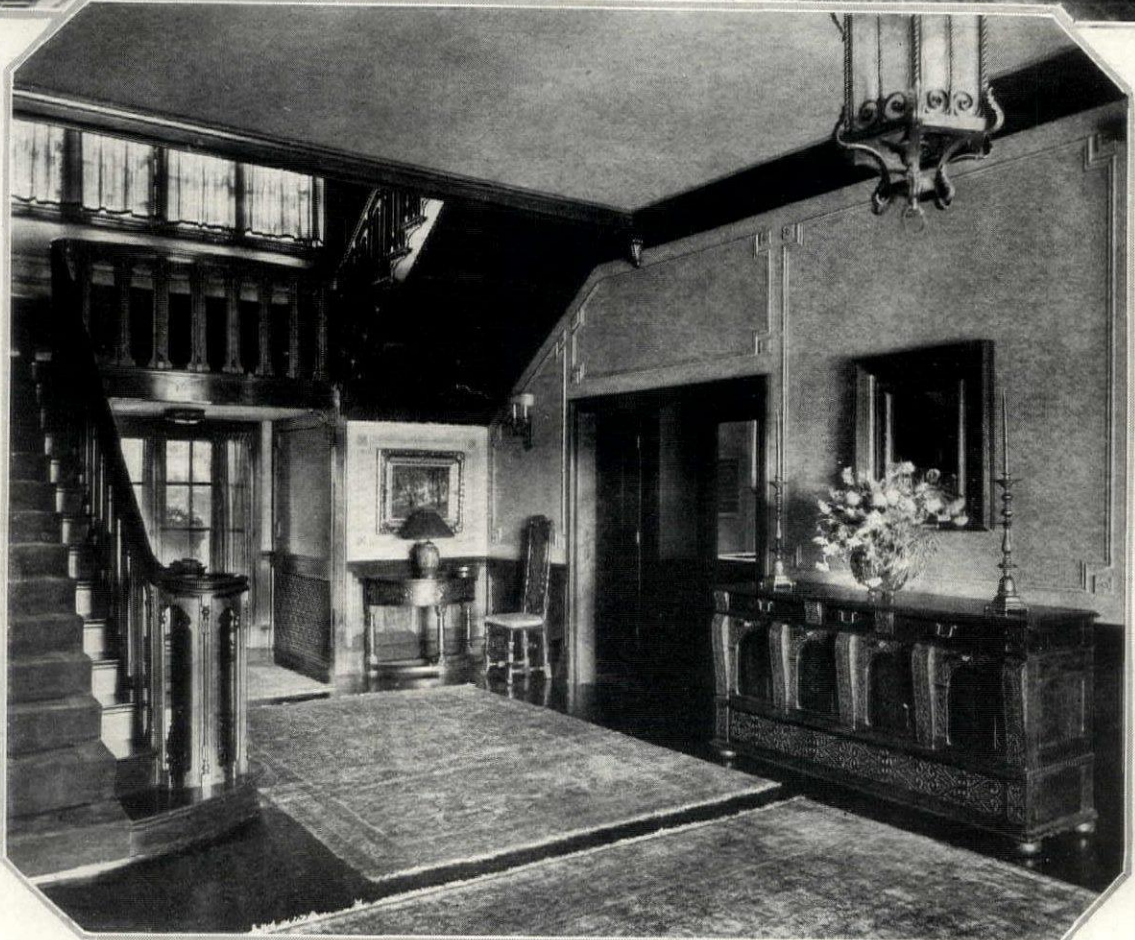


In the owner's bedroom cream paneled walls make an effective background for the flowered chintz used for hangings and to cover the chaise longue. This is trimmed with pleatings of blue taffeta, matching the rug in tone. Blue and cream and plain satin covers the chairs

Much of the restful effect of the dining room is due to the paneled walls of dark walnut that make such a dignified background for the rare old tapestry and colorful needlepoint chairs. Another color note is to be found in the blue-green damask chairs and silver fixtures



In this sun room, open on three sides, the rough plaster, pale buff walls, form a charming background for all kinds of growing plants. The chairs are painted bright blue and have cushions of green linen bound in lavender. The tiled floor is blue-green



The spacious entrance hall, with its wide stairway, dark woodwork and paneled walls painted pale tan, relies for all its color interest on a pair of fine Oriental rugs. The furniture is of oak, early English in design. All decorations are by Miss Swift

A GARDEN OF MULBERRIES AND ROMANCE

*Whose Shade is Crowded With The Half-forgotten Glamour of Nell Gwyn
And Whose Design is Filled With Ideas For Other City Gardens*

MINGA POPE DURYEA

THIS London garden was part of her mulberry yard when Nell Gwyn, two-and-a-half centuries ago, was finding high favor in John Dryden's comedies. Without a doubt the pretty little actress received her distinguished playwright there, and it is even possible that among its over-sweet fruit she lingered with Charles, her royal suitor. Now, of course, her garden is gone, but some of its progeny in the shape of two great mulberry trees, still stand in this present day section.

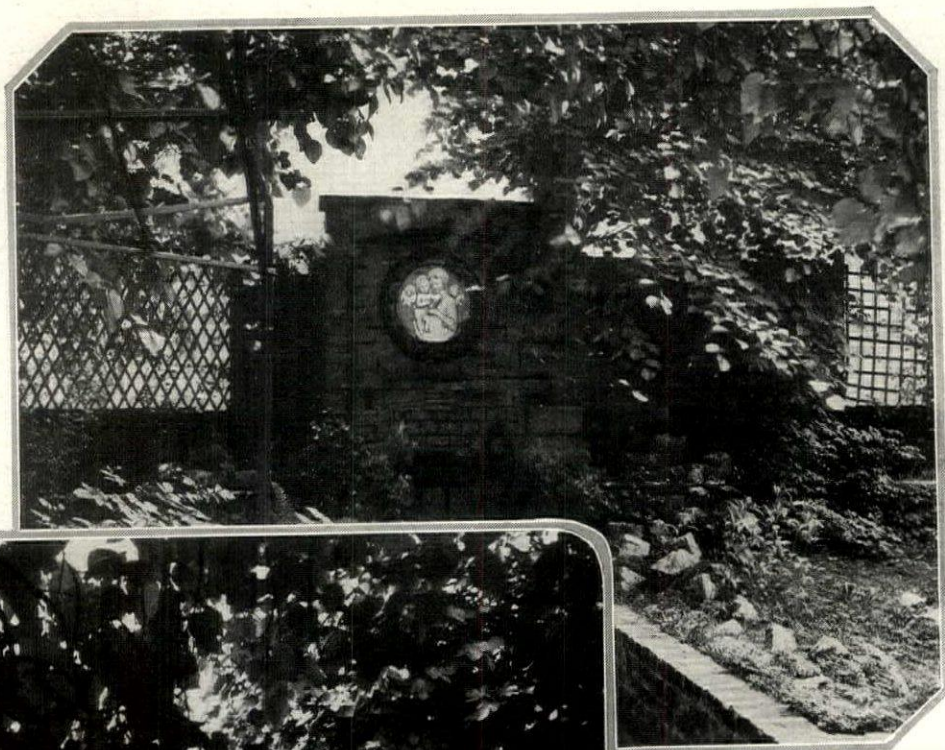
And almost as notable as their romantic shade is the fact that there should be a kind of tree, able through twenty-five decades of London soot, to reproduce and thrive so vigorously. Yet in addition to this well established record of its hardiness the mulberry is a tree of delightful shape and foliage. These must be encouraging items for those owners of town gardens who have watched every sort of tree but the scrawny ailanthus droop and grow dismal in the heavy atmosphere of the city.

A garden of unusual charm lies below the spreading branches of these trees. It is a place filled with a sense of snugness, seclusion, comfort, and leisureliness, brought on by its deep-set design, its well knit enclosures, its shade, and opportunities for

repose. It also has abundant beauty, though you find yourself taking this for granted, very much as you sometimes take the accompaniment of a song for granted. First of all you notice the garden's calm and comfort, then you find that these things have been produced in a way strangely agreeable to the eye. You notice the warm loveliness of the terra cotta water jars in each corner of the central space; the pleasant tone and pattern of the red tile pavement; the blue shade of the mulberry branches on the white painted furniture

that fills so neatly the semi-circular bay of the garden; the clipped acacias in the angles of the walls; the compact yet uncrowded arrangement of plants in the beds, and most of all the sunken paths which give the garden its most indelible stamp of distinction. Finally you realize that none of these details of mere beauty has been achieved at the expense of the garden's peaceful delight. Nothing has been devised solely for admiration, but everything has been planned for enjoyment.

The most important feature of the



The stone wall at the end of the garden is set with a Della Robbia plaque, which makes of the old masonry a beautiful mass of outdoor decoration



The beds are raised 2' above the path and central plot and held by dry retaining walls of brick: a method of construction which insures good drainage

The paths and open spaces are paved with warm red tiles that have become mossy with age. Formally clipped acacias stand on either side of one of the paths



H. V. Duryea

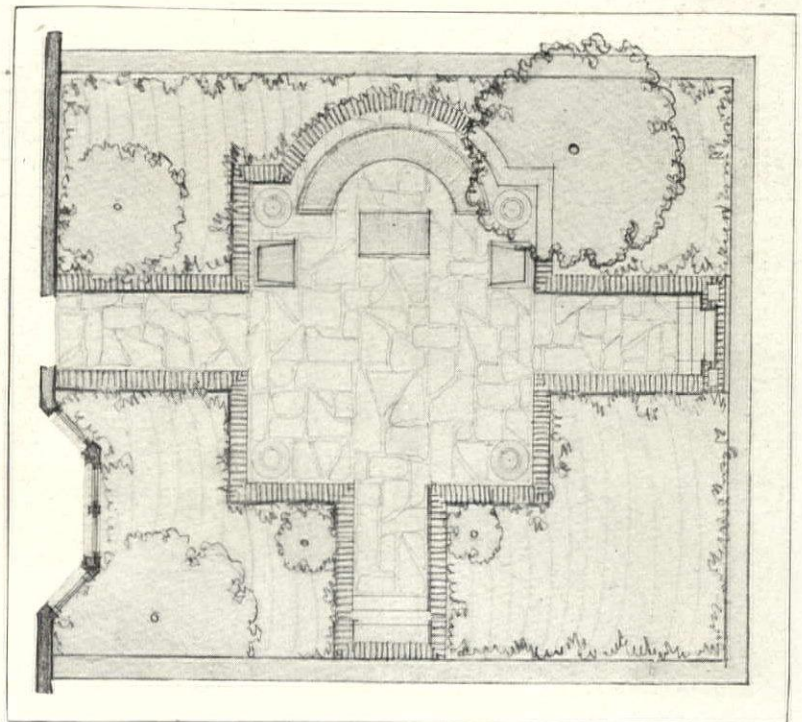
further, as is often the case, to excavate still deeper in order to lay drainage tiles over an impervious sub-soil before putting the top-soil in place. With the method of construction used in this garden no excavation is necessary. Over the original surface of the ground the drainage tiles may be laid; arranged, of course, to divert the water toward convenient outlets, and over the tiles the new top-soil may be spread. The retaining walls should be erected before the soil is brought in and spread, and they should never be higher than the width of the narrowest path.

(Continued on page 94)

garden's design is that of the raised flower beds, held in place two feet above the level of the paths by retaining walls of brick. In the matter of appearance it gives to the garden an added feeling of snugness and seclusion already made effective by the surrounding enclosures of wall, lattice, and foliage. The coping of this low retaining wall, coming as it does to a comfortable sitting height, invites repose and offers a leisurely way to get at the plants growing along the edges of the beds. Viewing the scheme in a practical light it becomes a solution for one of the most difficult problems which confront the builder of a backyard garden, namely the necessity for excavating a foot or more of sterile earth to replace with top-soil, and

A semi-circular bench fits perfectly into a side bay and is flanked by two chairs similar in design and by a pair of blue water jars repeated opposite

The plan of the garden shows how well its arrangement occupies the space. It will be noticed that, happily, there has been no undue effort to achieve absolute symmetry

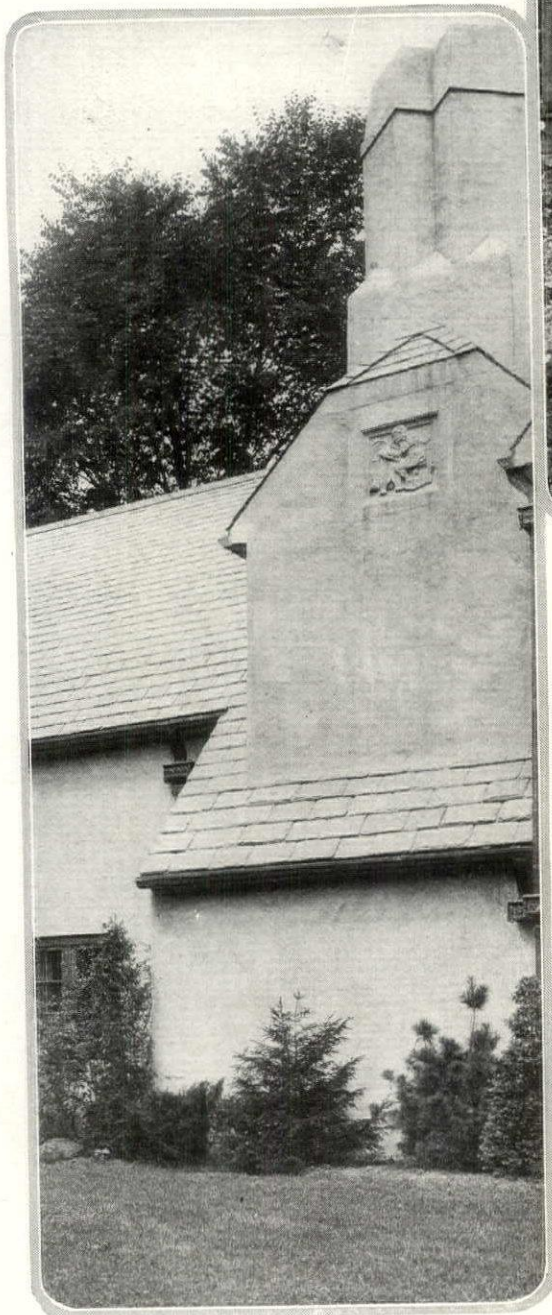


DECORATING THE HOUSE FROM WITHOUT

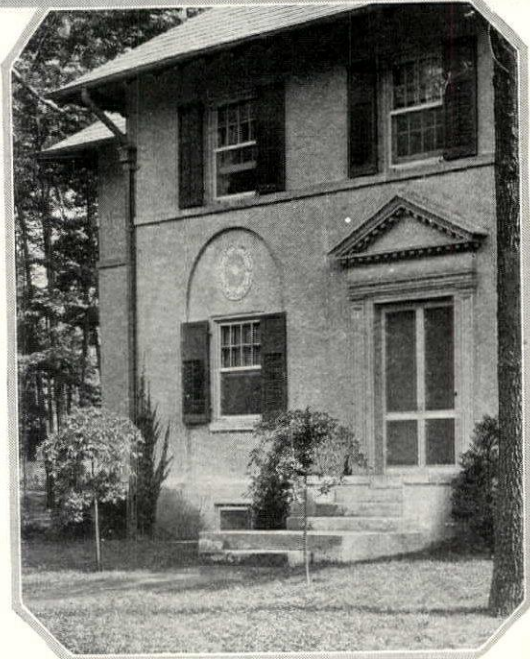
WHAT can be done in the way of accomplishing beauty by the wise use of applied ornamental detail on the outside of the modern house has not yet been fully realized. History shows us architecture repeatedly reacting from simplicity to elaborateness and then back again to an ultra simplicity. Francis the First could not endure the thought of an undecorated inch of space in any of his rooms. The Puritan, on the other hand, stripped his life bare of every expression of beauty; color, design, sweet sounds, were all the devil's means to render more seductive that wide and flowery pathway sloping so easily and comfortably into the black pit of pleasure.

The simplest kind of stucco house can be made a dwelling place of personality and charm by the building in of ornamental stone details. Panels, lintels, and friezes of terra cotta can be used to decorate such a house. Or, if preferred, tiles can be set in over the doorway, over the windows, in

(Continued on page 106)



A block of cut stone, mediaeval in character, set effectively in the rough plaster surface of this blind gable, makes a fine bit of integral decoration



For spots of brilliant color on the exterior of the house nothing can take the place of ornamental detail in glazed tiles, such as the circular design that forms here an over-window decoration

Unusually luxuriant in its ornamental detail is the pergery that surrounds the also lovely casements on this old English house of brick and half-timber



Decorations for the walls of a room can be suggested by almost any object in it. In this case old needle-point chairs supplied the inspiration for the treatment of the walls, which are painted to simulate needle-point

A ROOM IN PAINTED NEEDLE-POINT

IN THE London home of Francis Harper, who is well known for having collected things of rare beauty and interest, is an old wooden wainscoted room which long ago some clever artist was inspired to paint to go with four beautiful old needle-point chairs and a quaint old settle. He took the story worked on the paneled seat and back of each piece of furniture and used it for the design of a wall panel. The rich reds, soft blues and dull greens of the worsted are echoed beautifully in the colors of the walls.

The woodwork in the room belongs to the 16th Century and Time has been kindly to it, mellowing it to a beautiful gray-greenish brown, a color conducive to dignity and restfulness. Even

the old corner cabinet with its Lowestoft plates and china bears out the same feeling.

The windows are draped with long, loose lengths of colored gauze which form a combination of the colors portrayed in the wall. At the center of each window hangs the gray-green gauze of the sky, blending into deeper blue, which in turn fades into grayish brown as it leaves the woodwork.

The "embroidery walls", as they are called, relieve the monotony of what one so often feels in small paneled rooms of too much woodwork—that impression of being "boxed in".

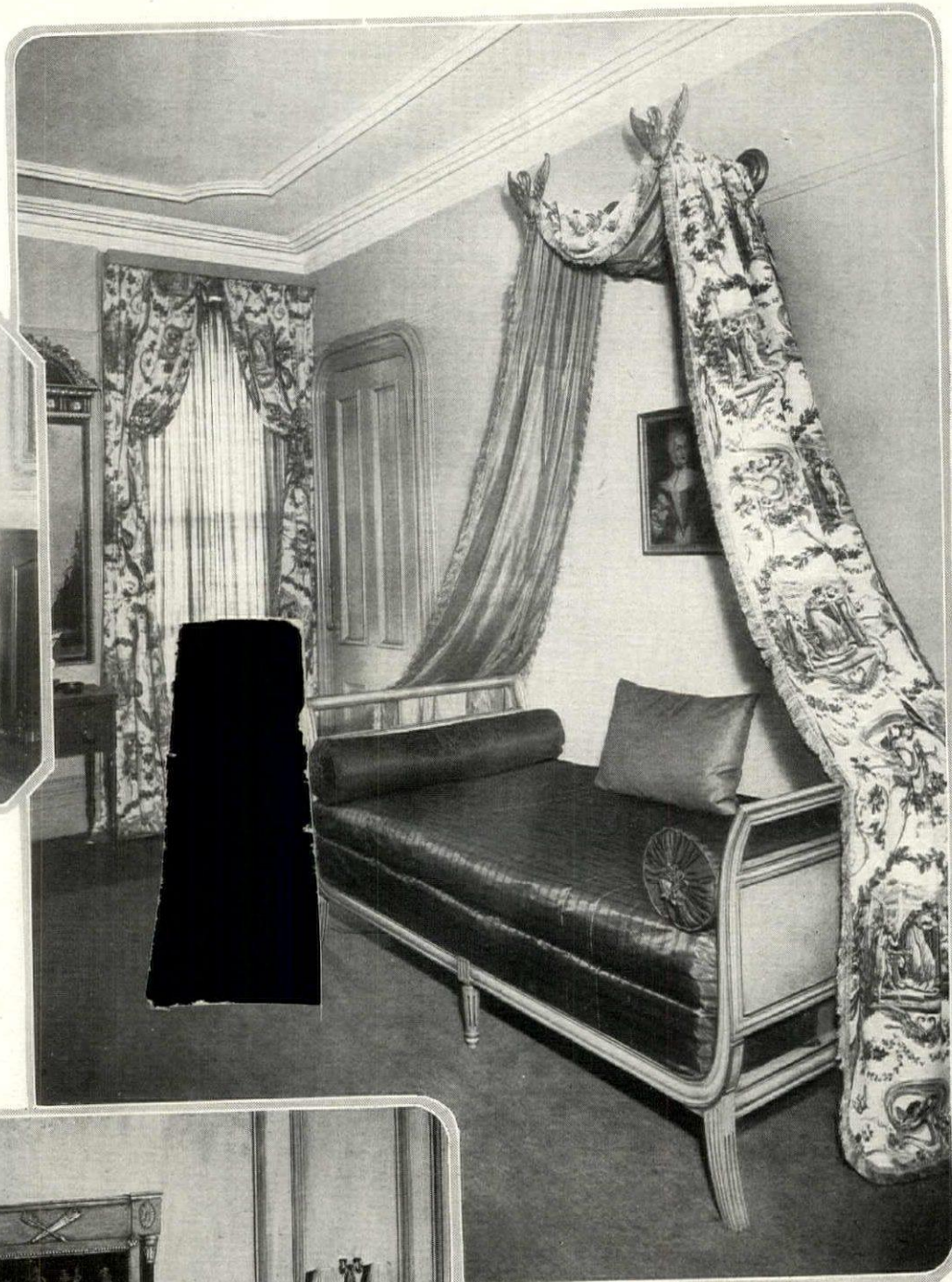
The general color scheme of the room is grayish green-brown. The entire walls are covered with the decorations



After the ornamental Louis XV and XVI styles, a reaction set in in favor of simpler lines with nothing that savored of pomp or royalty. The classically graceful Directoire style was the outcome. The furniture and screen below are in this period. From Fakes, Bisbee, Robertson, Inc.



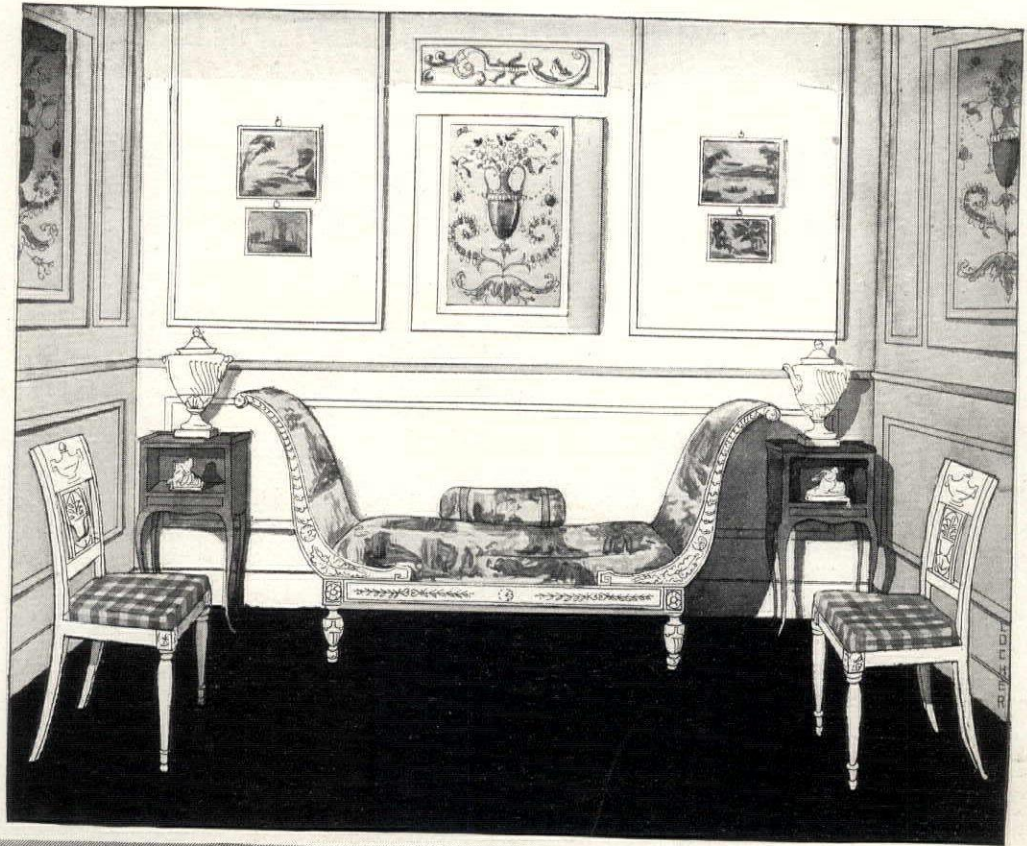
Fabrics as well as furniture became classic in design. In the picture on the right a Directoire linen gracefully drapes a painted bed and makes the hangings in a bedroom furnished with pieces in this style. Chandler W. Ireland was the decorator



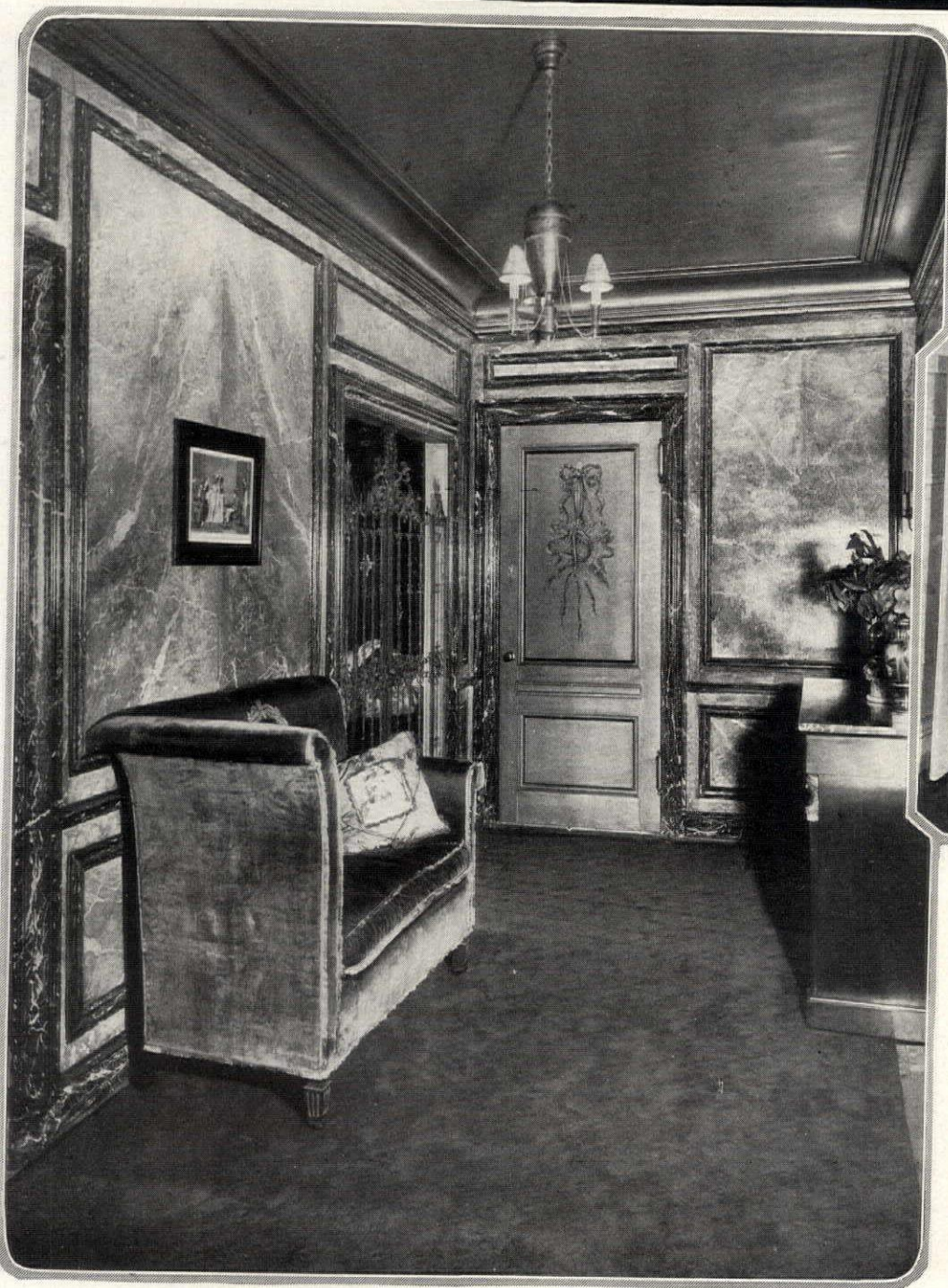
The Directoire group above contains a tiny bed painted antique green, a walnut chair and small table. Courtesy of Fakes, Bisbee, Robertson, Inc.

Directoire chairs are used effectively with a Louis XVI commode. The mirror is in black, gold and green. From Fakes, Bisbee, Robertson, Inc.

FURNITURE
in the
DIRECTOIRE
TASTE



Nothing could excel in grace the lines of this daybed painted antique ivory with gold decorations. A balanced grouping is made by the matching walnut tables and painted chairs. From Nancy McClelland, Inc.



The urn is a favorite motif in Directoire decoration. We find it carved on chairs, forming the base of lighting fixtures and used in designs for screens. The urns above are purple against a green background. From Nancy McClelland, Inc.

This classically simple Directoire hall has green marbled walls, the panels set into black and gold moldings. The ceiling is dull gold and the lighting fixture characteristic of the period, is cinnabar red. Chandler W. Ireland, was the decorator

GETTING STARTED WITH PERENNIALS

Since Perennials Form the Backbone of the Border, the Beginner Can Well Consider Them First

JOHN L. REA

FOR numerous and perfectly good reasons hardy perennials have largely taken the place in many a flower bed and border of the gay annuals we so long loved and labored with. It took a long time to make some of us quite appreciate the advantages of making the change. Those of us who did, and had the courage and the price of our convictions, set resolutely about it and began all over again. Others, a trifle sentimental perhaps, to which section of society I must in all truth admit belonging, clung and still cling more or less surreptitiously to certain of the old favorites and, knowing all the time that it is a losing battle, yet persist in seeking out even in the shadow of their more enduring neighbors the ever more and more circumscribed odd corners where we may have our nasturtiums and marigolds, our bachelor buttons and zinnias. It is different with the poppies. I just scatter them hit and miss all down the double border. But for all that, it would be a conservative estimate to suppose that there are in my garden to-day fifty perennials for every annual to be found there.

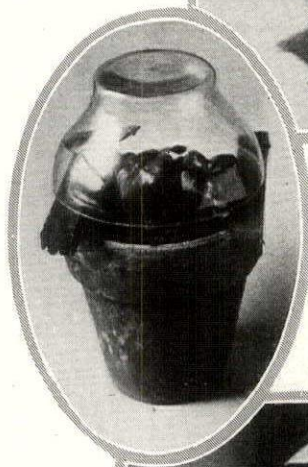
This change has come about not without difficulty, and that not altogether one arising from the passion with which I instinctively cling to the old. Whoever has brought a slender purse and a copy of the modern hardy plant specialist's catalogue to the writing desk together understands as well as I how apparently hopeless a case it is. And what with the restrictions upon plant importation and the consequent increased cost of renewing stocks, the problem seems one of ever increasing difficulties, for in the newer issues of the catalogues plants that formerly one could purchase for twenty or twenty-five cents are now listed at thirty and thirty-five or even forty cents. It is, however, a difficulty which patience, a certain amount of capital, and a



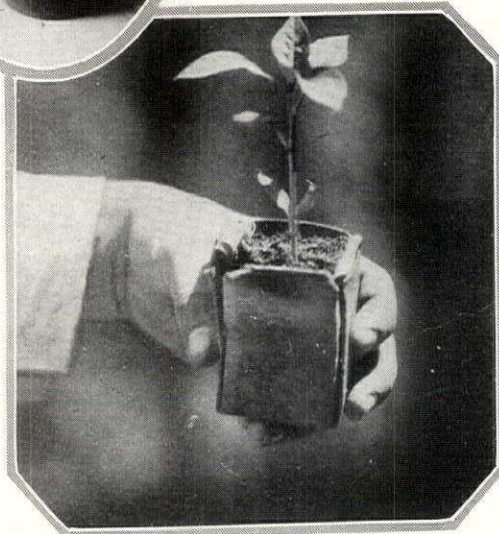
Early planting of perennials can be made in pots or flats in March indoors. Sow the seed thinly



Transplant seedlings when the first true leaf appears



A glass placed over the pot will help germination



The seedlings may be placed into separate containers, which makes an easy way of handling them when they are transplanted into the garden

measure of time and perseverance will finally overcome.

I have in my own case largely succeeded in finding a solution for my problem. My money outlay has not been great and seems almost negligible now, extended as it was over a number of years. Yet to-day my garden is not only extensive but well stocked. In building up my collection of plants I have learned many things. For instance I have learned that I could become the proud possessor of even one eyed rootlet of "Kelway's Glorious" one of the three or four handsomest peonies in existence, by sending a check for ten dollars for it, and I have likewise learned that for the outlay of two shillings and sixpence and a little watching and waiting I may have a patch of spurred columbine seedlings in a series of lovely colors that quite take your breath away.

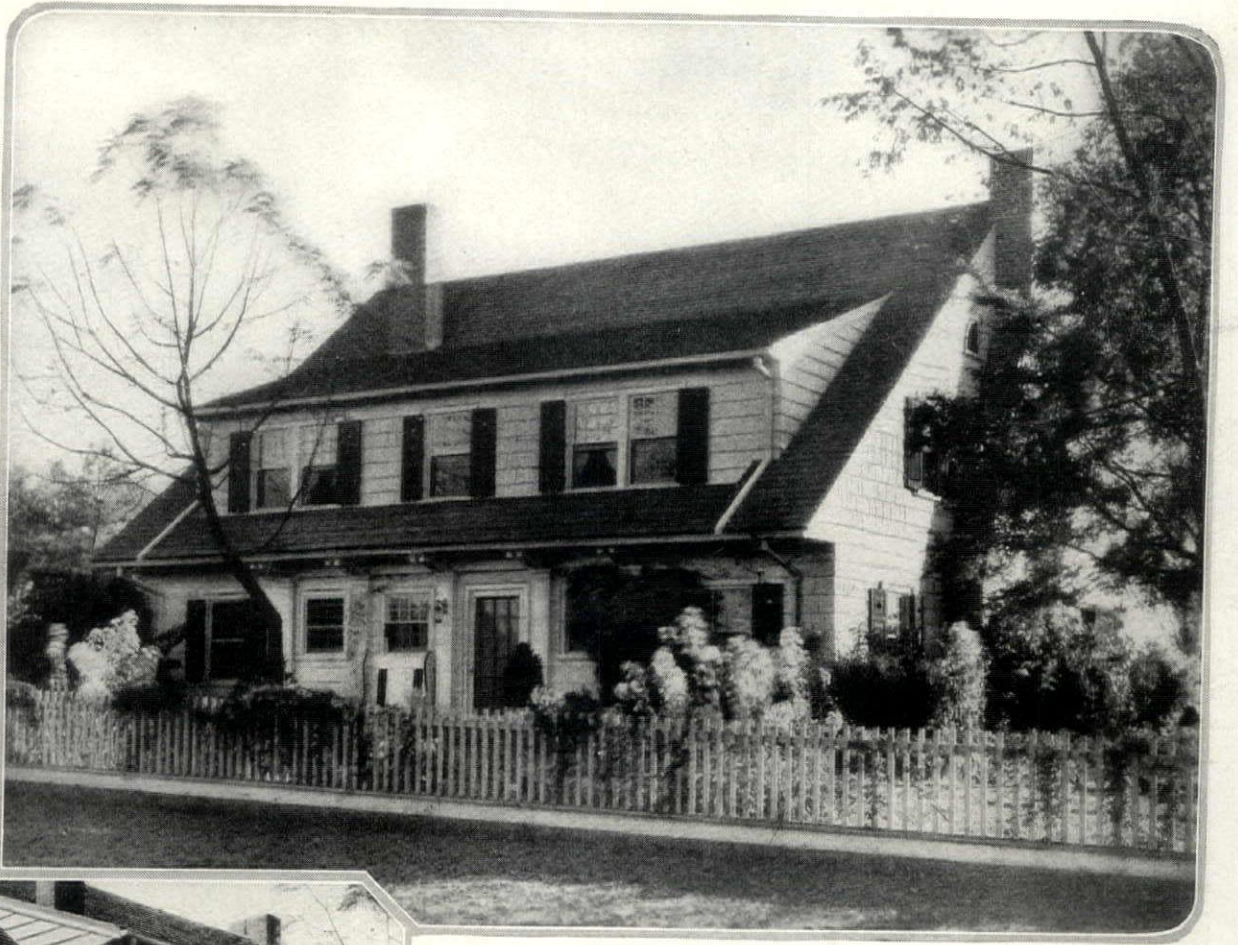
The commonly grown perennials, as this would indicate, fall into two great classes in this regard. There are, on the one hand, a few that it is useless trying to grow from seed and, on the other hand, a large number that are easy as well and perhaps even better obtained in that way.

The peony most decidedly belongs to the former of two classes. They may be and are grown from seed, for only in that way are the varieties to be produced. But it would be quite impractical to start out to furnish a border with its peonies in that way. It is not entirely that it would take too long, either, but that the results would be so unsatisfactory. The blooms in a group of seedlings would most likely average below those of the cheaper named sorts that may be had for less than a dollar a root. The trouble is that the seedlings are prone to run to uninteresting and more or less inferior singles and small flower types. There are doubtless thousands of peony seedlings, take the world over, coming into first bloom each year, but the new sorts introduced annually could be numbered on the fingers of one hand. With peonies, then, one must obtain a root of each of the sorts desired, which roots after a year or two, be divided if one wishes to increase in the number of plants of quality and quantity of bloom. Peonies nowadays one gets started

(Continued on page 132)

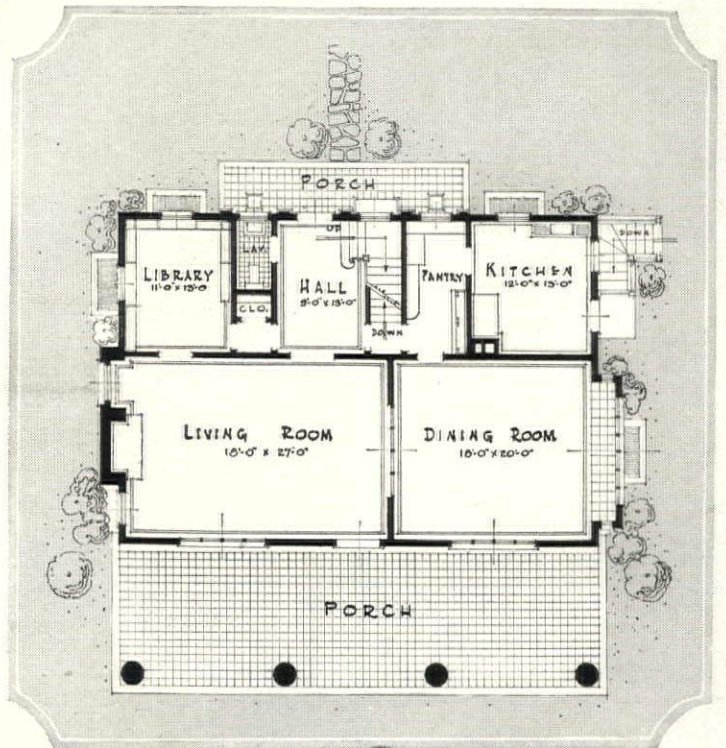
A GROUP
OF THREE
HOUSES

From New York
and Virginia



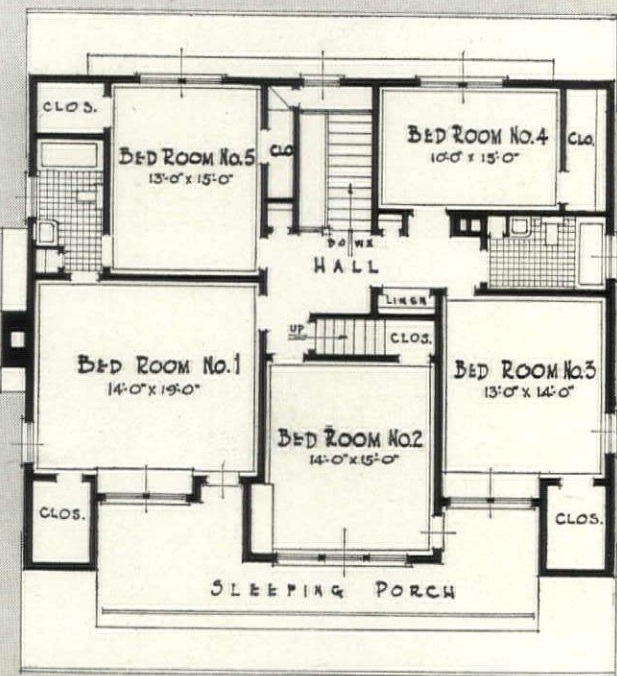
The home of George L. Street, Jr., in Richmond, Va., sits snugly behind its white picket fence with the charming air that accompanies long roof lines and deep set eaves

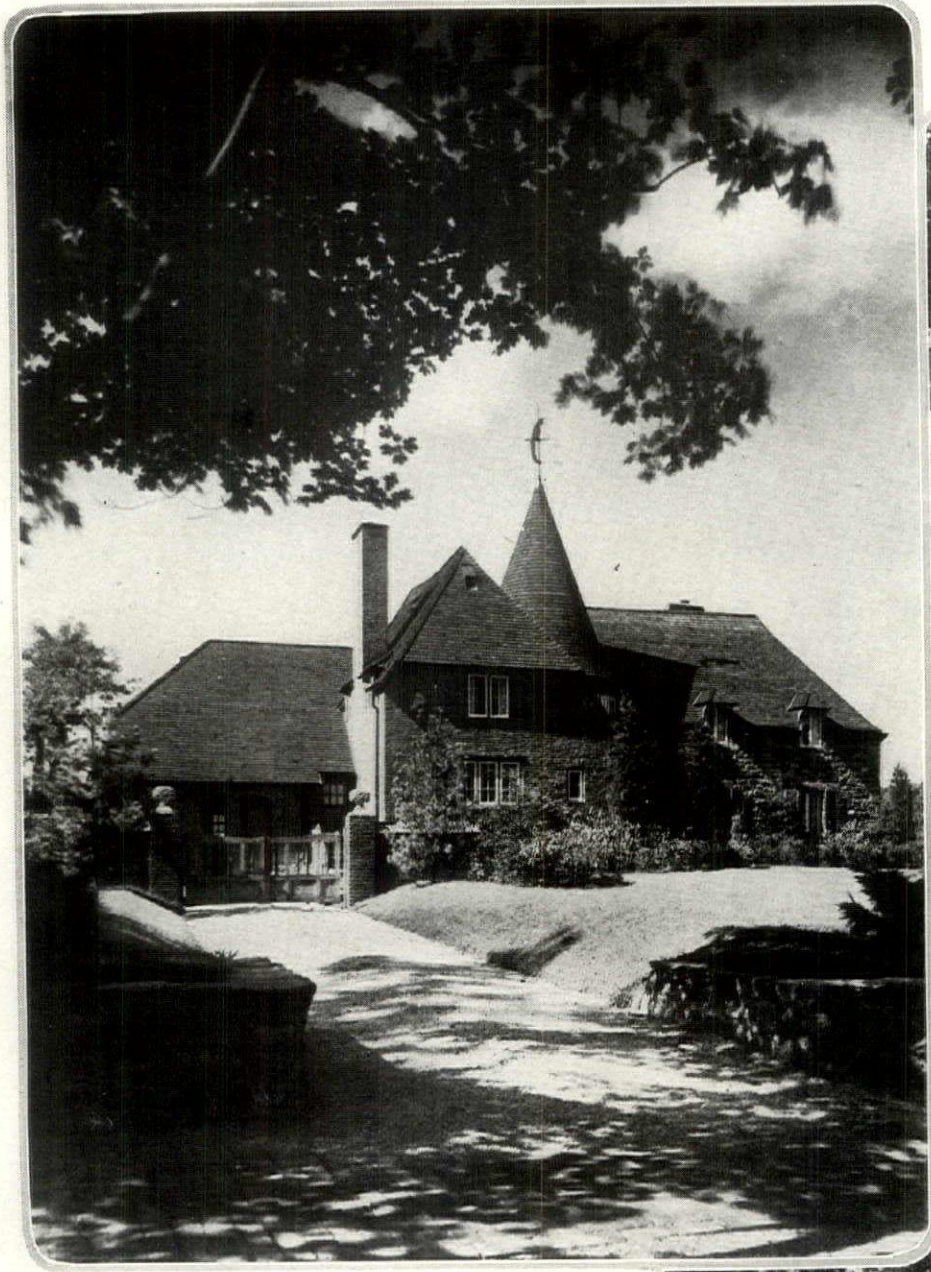
The deep, low eaves of the front are repeated at the side of the house where a hood, handled in a similar fashion, covers the dining room bay and the kitchen entrance porch



The five bedrooms on the second floor are entered from an interior hall, thereby affecting a fine economy of space. There are two baths, and a closet to a room

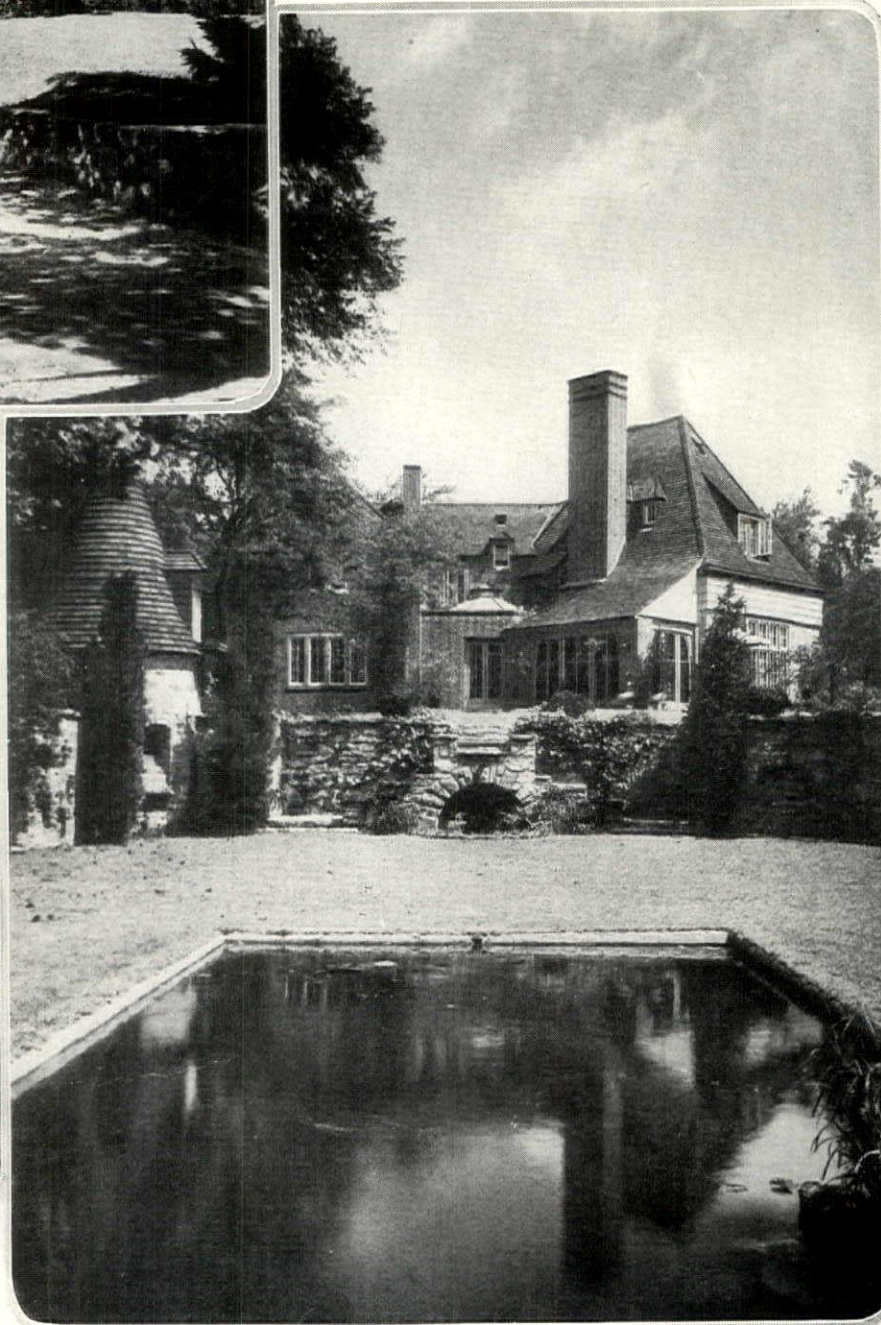
The living and dining rooms take up the entire garden side of the house, which is separated from the lawn by a wide, tiled porch. W. Duncan Lee was the architect

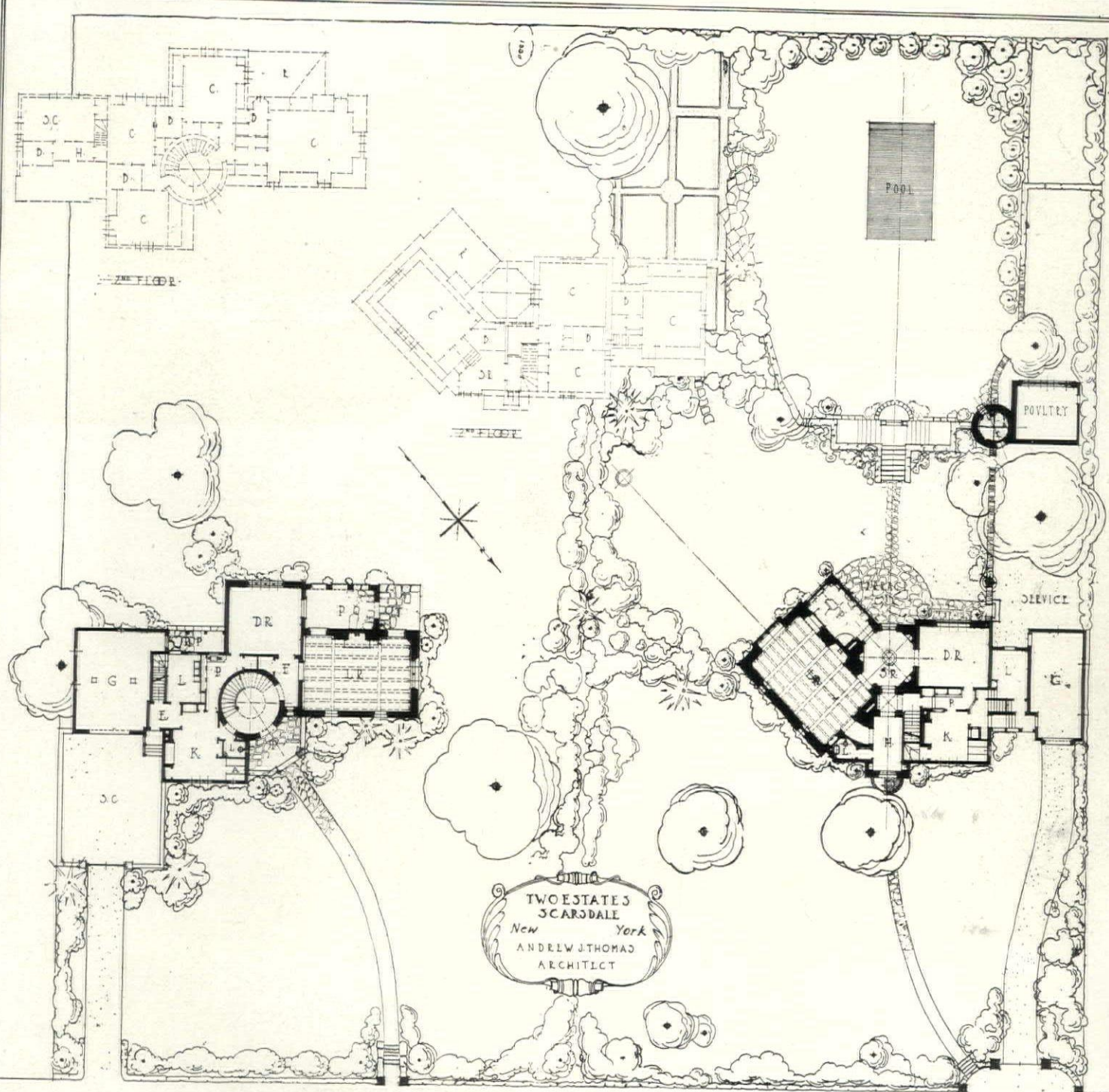




In the Kohler house, shown at the left and above, as in the Thomas house adjoining, the walls are of brick laid in Flemish bond with wide flush cut joints and with occasional sections built up of native ledgestone thickly parged with mortar so as to get a rough and interesting texture

The Thomas house presents a delightful mass from the garden that is reached by steps descending over an arched pool. A large rectangular tank forms the most important feature of the garden in the corner of which stands a conically roofed cote for peacocks, pheasants and doves. The path and driveway entrance, shown below, is cleverly contrived, with gates of hand hewn oak and piers of rough brick masonry





AN ARCHITECTURAL DUET

AT SCARSDALE, NEW YORK

The Homes of Arthur W. Kohler and Andrew J. Thomas, the Architect of Both

Without sacrificing the individuality of either, and without admitting anywhere a hint of monolony or mere repetition in the matter of architectural treatment, these houses were designed to form a tiny residential group of two. The style used in each case is an elusive mixture of Norman and Flemish, though it would be difficult to pin it down to anything more definite than a very happy inspiration. For it is one in which opportunity has been given the roof lines to rise and fall in nice conformity to the contours of the gently sloping site that eases away toward a heavy grove at the rear.

The floor plans and ground layouts are admirably suited to such a joint arrangement as this. There is form without formality. Each house is planned about an offset center. In the Kohler house this central motif takes the form of a staircase tower; in the architect's home a sun room is the pivot point of the plan. The living portions in both instances are laid toward the interior of the site in order to achieve the greatest amount of privacy, while the garages and service sections flank the outside property lines. The planting indicates the party line without making the separation seem too abrupt.



This beautiful masonry arch bridge done in the classical manner at Chiswick House in Devonshire, and noted for its fine ornamental detail, formerly spanned an artificial canal, now practically dried up



This wooden foot-bridge is built with steps on a steep curve after the Japanese manner. Room is thus given for sailing boats beneath, while the high and bold span is effective in the flat landscape

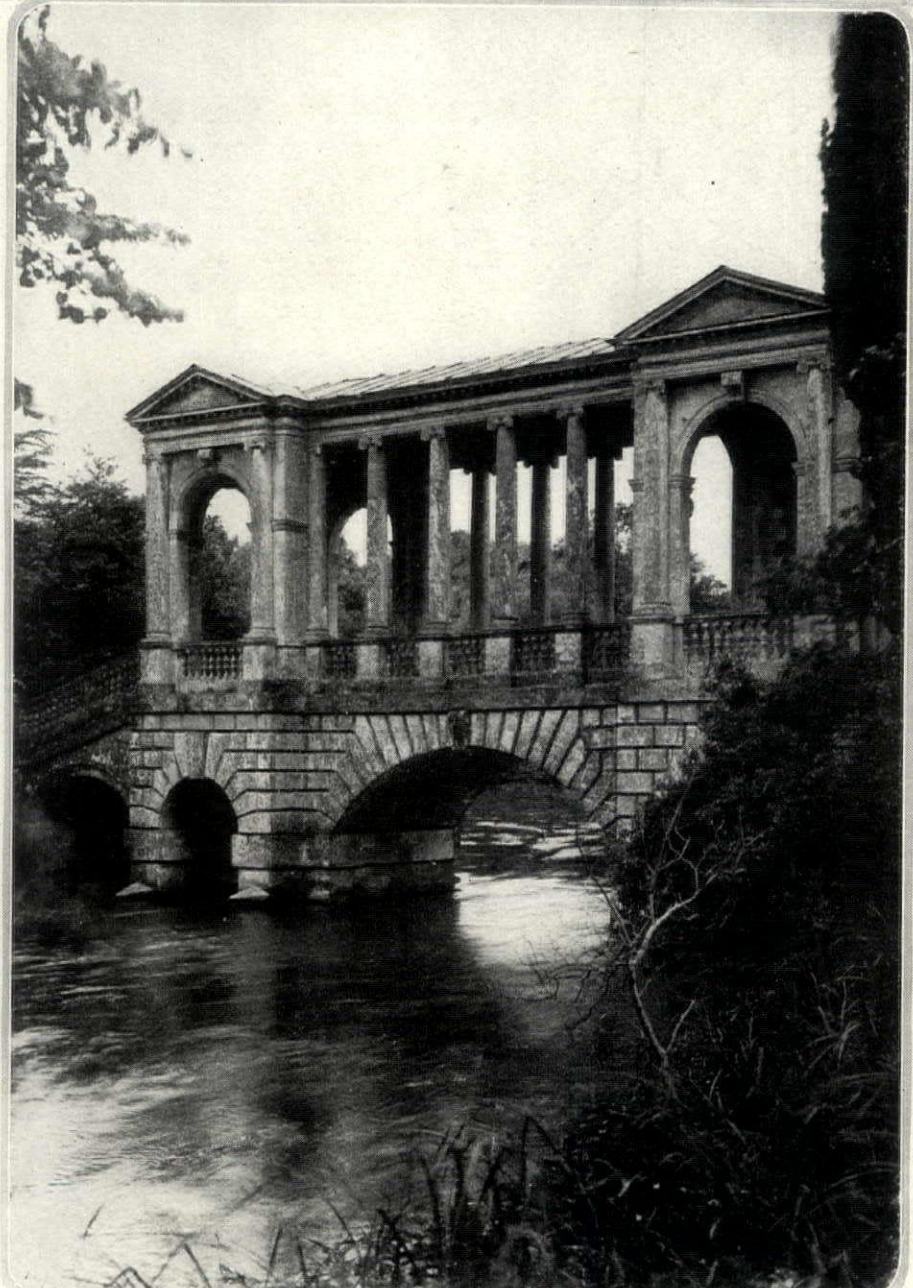
This causeway, with its simple rails and primitive planking, is supported on stone piers and rises in mid-stream to allow of the passage of boats. Its design is singularly appropriate to the scene's tranquillity





Built in sections clamped together with iron bolts, this single span wooden bridge, with the uprights of its balustrades radiating with the curve of the bridge, is reminiscent of Japanese work

This wooden foot-bridge with its slightly curving span, built in three sections and bolted together, gives access from a house in the town to its garden on the other side of the dividing stream



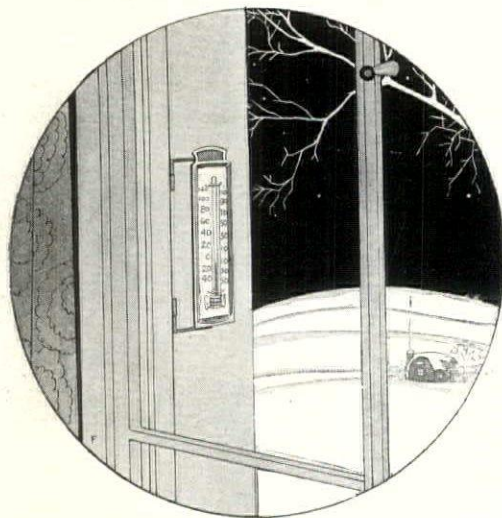
The great Palladium bridge at Wilton House was built in the late 17th Century in the purest Renaissance classical model. It represents the ultimate accompaniment to the country estate in the grand manner

BRIDGES
in the
LANDSCAPE
SCHEME

A foot-bridge made by fixing between blocks on either bank two boards slightly longer than the distance between blocks, causing an upward bend; then laying on other boards and bolting them

This drive to a country house is spanned by a straight wooden foot-bridge of rustic design. It is supported on one side by a dry-built stone bastion whose masonry bulk is masked in santolina



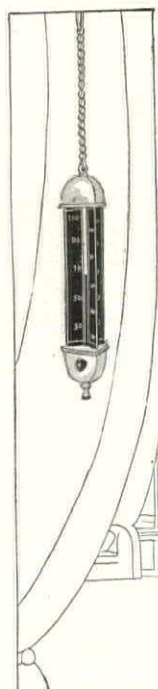


An outdoor thermometer visible from within, held away from the walls by tiny brackets

THERMOMETERS YOU SHOULD KNOW

The Wide Range Of Uses To Which These Instruments May Be Put Makes Them Invaluable In Many Ways

ETHEL R. PEYSER



Suspended in mid-air for accuracy and readable from any direction

CAN YOU tell whether your oven, your baby, your bath, or your incubator is at the right temperature; whether a storm is coming, a shower imminent, or the boiling candy at the right consistency? In other words, do you know all about the instruments that settle accurately these absorbing problems?

We think the marble top of a table is colder than the mat on it. It isn't at all; the marble simply is a better heat conductor than the mat and takes the heat from your hand more rapidly. There is the same apparent difference between the carpeted floor and the bare one.

To take the guess work out of temperature-telling the thermometer is used. A thermometer is usually a glass tube onto the end of which a glass bulb has been sealed or blown. Usually it is filled with mercury, sometimes alcohol. After it has been tested a scale is made on it which measured the height in degrees to which the mercury rises.

The kinds most in use in the household are room thermometers, outdoor thermometers, bath thermometers, milk thermometers, candy and jelly making thermometers, oven and refrigerator thermometers.

In determining the temperature of a room remember that, because heat rises, the floor temperature is cooler than that at the ceiling. If you want a real record, place the thermometer 4' above the floor, away from

hot stoves and cold walls. The best thermometers, moved from one room to another, take 15 to 20 minutes to adjust themselves to the different environment. Mounted on heavy furniture, too, they will register slowly during a change in temperature.



A thermometer to determine the temperature of the fireless cooker. This and the other instruments shown are from Taylor Instr. Co.

The bath thermometer is set in wood, has a handle, and should be read under the water. Milk thermometers for use in pasteurizing milk, whipping cream, etc., must be very accurate. They are all of carefully

made glass. Some float and others do not. The bulges on the sides of a floating thermometer give it the necessary buoyancy.

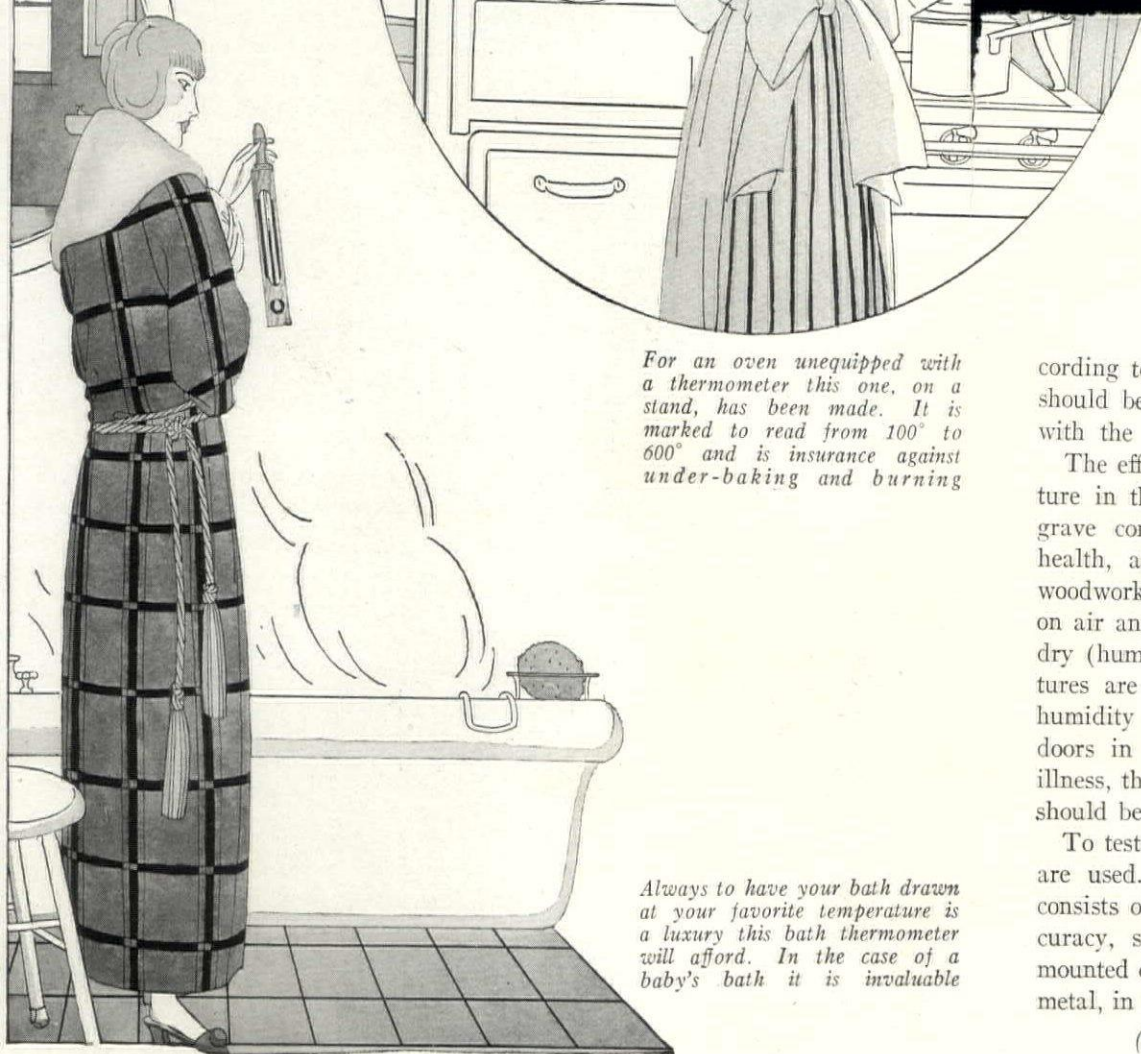
Oven thermometers are blessings, but they can be damaged easily by the banging of an oven door. Many a good and bad stove has sold itself by having any kind of an oven thermometer. The dial type is used, as well as the inset column, on the outside of the oven door. They register to within 10° to 20° of the oven heat. The ideal oven thermometer is the one that is placed inside. It must be made of fine strong glass. These thermometers should read up to about 550° Fahrenheit. Some can be encased in metal and hung inside the oven, if there is a glass panel through which it can be read without opening the door. Others stand up in the oven and register accurately.

In the refrigerator regular thermometers can be used. Of course the temperature on the shelves will vary at different heights. Remember that ice must melt to cool your refrigerator. If you wrap ice you will save ice at the expense of your food. The lowest shelves should be coolest, as cold descends and heat rises—it is this interchange of place that keeps the air in current action in your refrigerator.

Thermometers for candy making, syrup making, jelly making, etc., are usually glass tubes set in metal, and must be accurate. The best results are obtained, of course, only when thermometers are used carefully. Place them always where the boiling is most violent and not too near



An hydrometer to test the consistency of liquids



For an oven unequipped with a thermometer this one, on a stand, has been made. It is marked to read from 100° to 600° and is insurance against under-baking and burning

Always to have your bath drawn at your favorite temperature is a luxury this bath thermometer will afford. In the case of a baby's bath it is invaluable

rage, may be used to test motor oils and battery fluids.

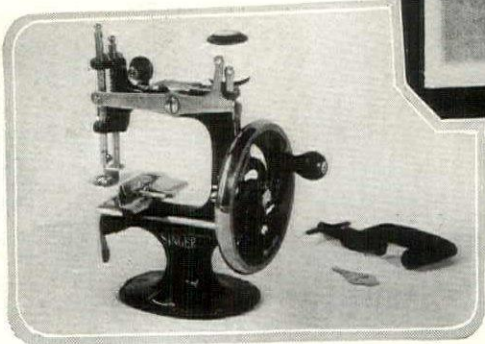
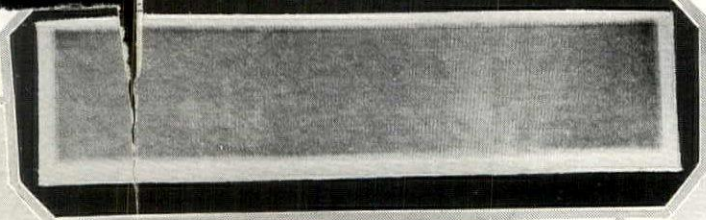
To read the hydrometer the eye should be on a line with the main surface of liquid. for where the liquid cuts the stem the reading is recorded. If the liquid is opaque read as near as possible above the surface. See that your hydrometers are marked according to the temperatures at which they should be used, for specific gravity varies with the temperature.

The effect of too little or too much moisture in the air of a home can have very grave consequences. The state of one's health, as well as the life of furniture, woodwork and pianos, is most dependent on air and normal humidity. When air is dry (humidity low) high and low temperatures are more bearable. In summer the humidity often makes life miserable. Indoors in winter, especially when there is illness, the moisture as well as temperature should be regulatable.

To test the air for moisture, hygrometers are used. A mason hygrometer usually consists of two thermometers of known accuracy, set about four inches apart and mounted on a board of wood, or a frame of metal, in such a way that the thermometers

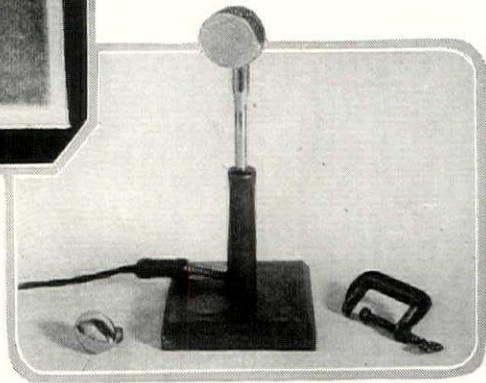
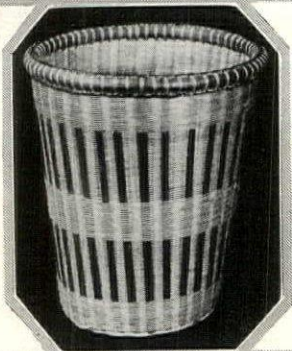
(Continued on page 96)

for spools, etc. and a deep space to hold work. It is 27" high and 24" wide when open, priced at \$22

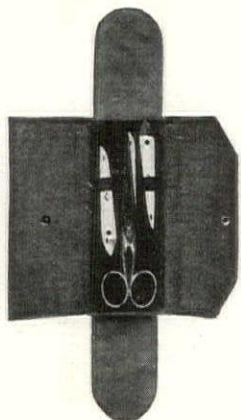


This is a practical chain stitch hand sewing machine that can be easily clamped to any table. \$5

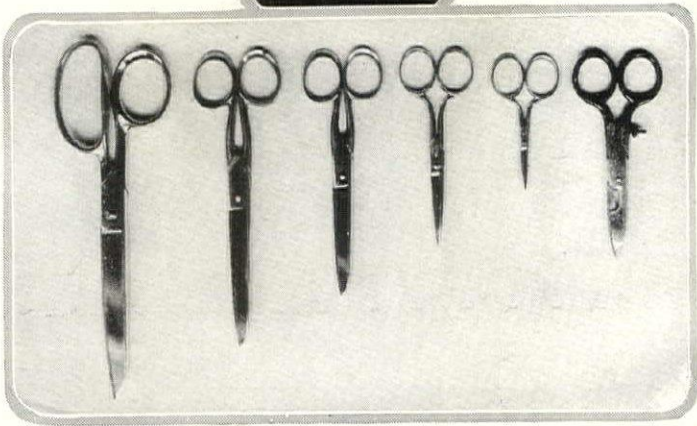
A tan and brown Philippine scrap basket is 13" high and 12" wide at the top. Priced at \$4



This electric iron with its two odd shaped heads fits into nooks and crannies and is useful in ironing sleeves and flounces, 12" long, \$9.25



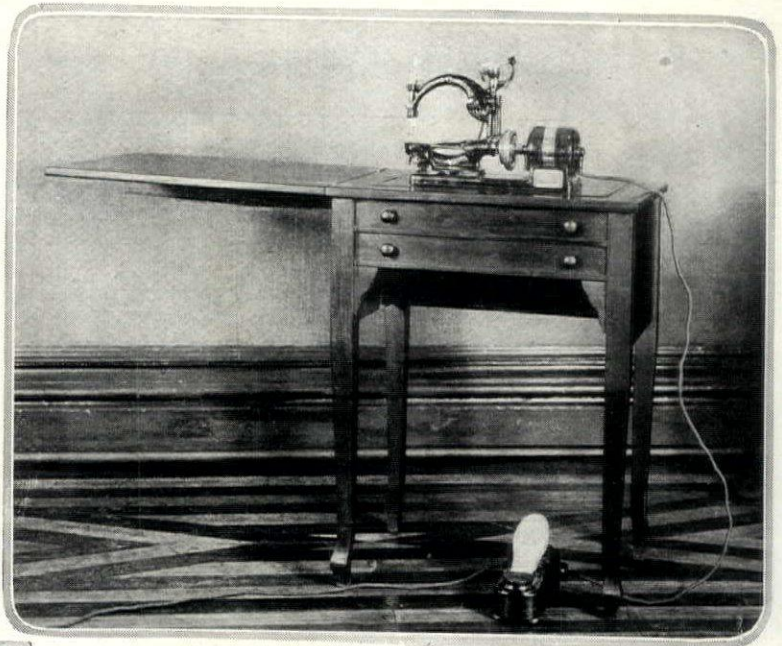
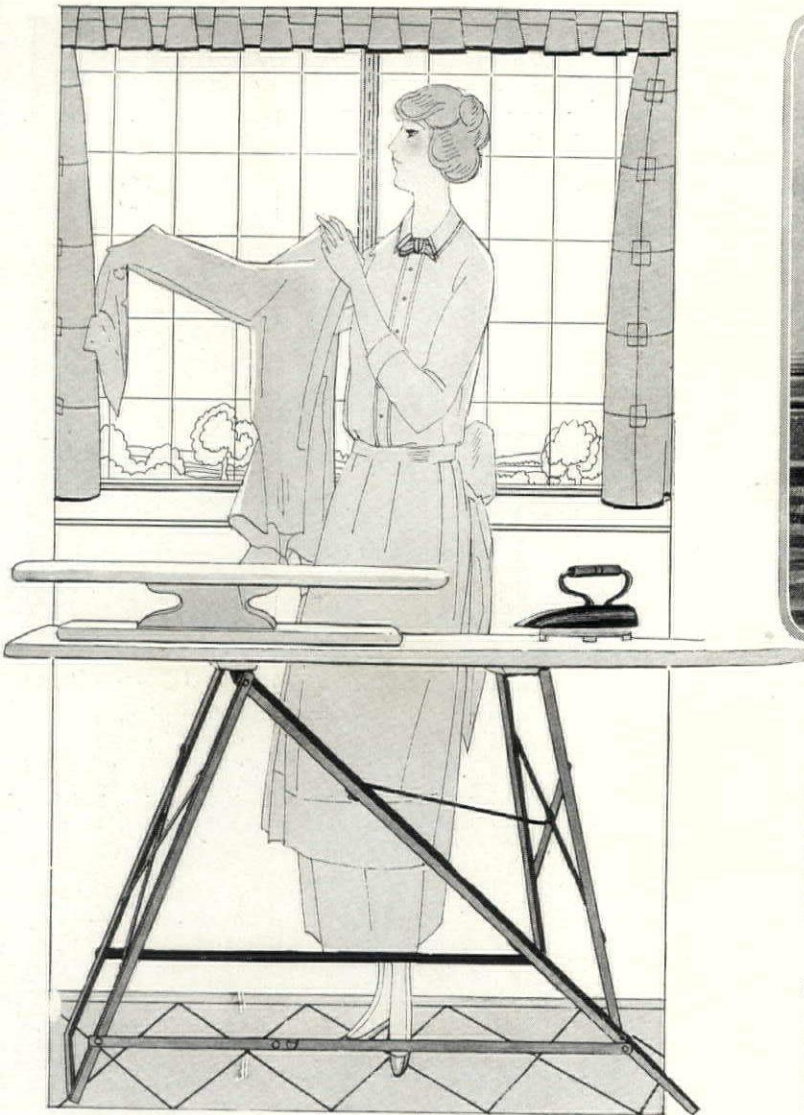
A pair of scissors 5½" long with extra blades comes in a leatherette case for \$1



Fine steel shears 8" long, \$1.50, 7" \$2.25, 5½" \$1.63, 4½" \$1.15, 3" \$1.05 and buttonhole scissors \$1.38

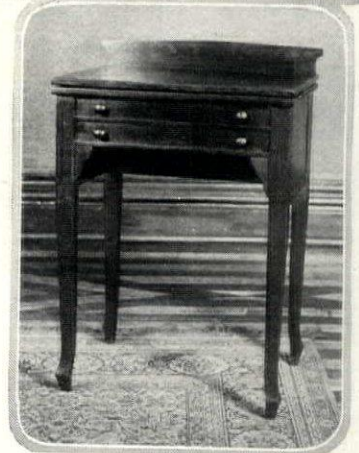


This leather case 5½" x 4½" open holds a complete assortment of embroidery and darning needles. \$1.75

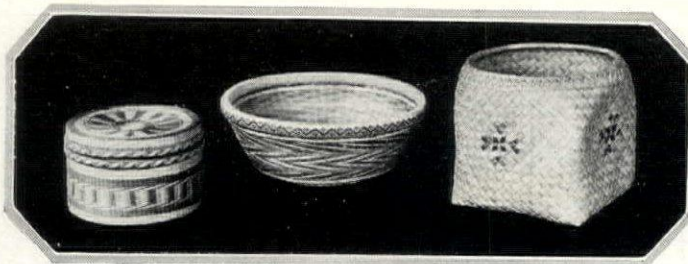


A sewing machine need not now be an unsightly piece of furniture. Above is an electric chain stitch machine which fits into the brown mahogany table shown at the right, \$150

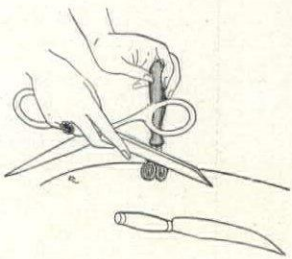
For the sewing room comes a folding ironing board 32" high with a substantial stand, \$5.50. Sleeve board 32" long, \$2. Fluting iron 6" long, \$1.88



The covered sewing basket at the left, 7" across is \$6.50. Center, 12" wide \$4.50. Darning basket 8" high \$1.25. They are tan with brown decorations



A practical sewing basket 11" wide and 3" high can be stained any color, \$3.50



The new knife sharpener above is so easily operated it should be in every sewing room, \$50



The sewing room should contain a practical chest of drawers to hold materials and unfinished work. This is mahogany, 42" high, 19" x 30", \$48



This comfortable low chair is excellent to sew in. Seat 14" high. In blue rep, \$26.50

A good sewing room chair in mahogany, with spool turning and a rush seat, \$21.



The GARDENER'S CALENDAR for FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>This calendar of the gardener's labors is aimed as a reminder for undertaking all his tasks in season. It is fitted to the latitude of the Middle States, but its suggestions should be available for the whole country if it be remembered that for every one hundred miles north or south there is a difference of from five to seven days later or earlier in performing garden operations. The dates given are, of course, for an average season.</p>						
<p>4. 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.</p>	<p>5. 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.</p>	<p>6. All plants that have been in the same pots for any 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.</p>	<p>7. 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.</p>	<p>8. 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.</p>	<p>9. 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 tubs will stand up through another season's use. If not, repair now.</p>	<p>3. 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.</p>
<p>11. 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 save blossoms.</p>	<p>12. 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.</p>	<p>13. 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.</p>	<p>14. If you like golf you should have a practice green constructed on your grounds. Greenhouses certainly raise the standard of any grounds, whether they be for fruit or flowers. Early planning means fewer errors.</p>	<p>15. 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 planning means fewer errors.</p>	<p>16. 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 vaseline, and the other bearings oiled.</p>	<p>10. 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.</p>
<p>18. 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.</p>	<p>19. 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.</p>	<p>20. Start sowings now in the greenhouse of the hardy vegetables, such as cabbage, cauliflower, lettuce, celery, tomatoes, etc. Use flats or seed pans for greater convenience, and provide plenty of drainage.</p>	<p>21. No garden is complete without some well selected and properly arranged garden furniture. In formal gardening pottery is very necessary to the completeness of the scheme. Make your selection and order now.</p>	<p>22. Garden arbors as they are now made are very attractive and necessary accessories of the garden. If you wish to enjoy them this summer let them be ordered now, as well as the roses or other vines for them.</p>	<p>23. 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.</p>	<p>17. 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.</p>
<p>25. 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.</p>	<p>26. 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.</p>	<p>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.</p>	<p>28. 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.</p>	<p>THE ROSE</p> <p>A rose, as fair as ever saw the North, Grew in a little garden all alone; A sweeter flower did Nature ne'er put forth, Nor fairer garden yet was never known; The maidens danced about it morn and noon, And learned bards of it their ditties made; The nimble fairies by the pale-faced moon Water'd the root and kissed her pretty shade. But well-a-day!—the gardener careless grew; The maids and fairies both were kept away, And in a drought the caterpillars thrived Themselves upon the bud and every spray. God shield the stock! If heaven send no supplies, The fairest blossom of the garden dies.</p> <p>WILLIAM BROWNE</p>		

The four great Italians, the Frenchman, and the Englishman, whose portraits are shown on this page, may well be called the most influential figures in the art of garden design. In style Le Notre would be put at one end of the list and Repton at the other, for the designer of the gardens at Versailles was as formal, grand, artificial, and flamboyant in his manner of working as the Briton was informal and naturalistic. The Italians would occupy the middle ground, for their object was to effect an architectural but fair compromise with the site at their disposal. In each of the three schools, and according to our tastes, there is much to be learned for the development of garden design in this country.



RAPHAEL SANZIO
(1483-1520)

By no means the least significant phase of Raphael's art was his garden designing. When he did the gardens of the Vatican he achieved something as great in landscape architecture as he did in his frescoes and buildings.



HUMPHREY REPTON
(1752-1818)

Born at Bury St. Edmunds, Repton began life as a merchant, but failing in business became a landscape gardener, succeeding "Capability" Brown; though he carried on his work in a much more sensibly naturalistic manner than this ravager. His "Observations on Landscape Gardening" is a valuable treatise.



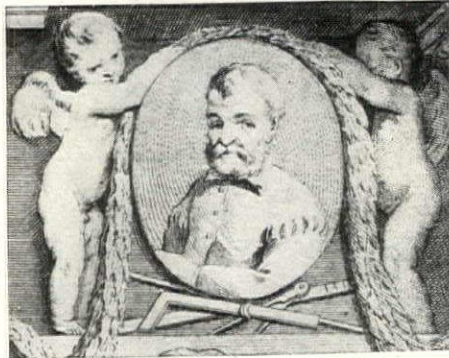
MICHELANGELO
(1475-1564)

Sculptor, painter, architect, as well as garden designer, this tremendous genius of the Renaissance must be considered one of the greatest figures in history. His finest gardens are those of the Florentine Villa Bomicci.



ANDRÉ LE NÔTRE
(1613-1700)

The opportunity to succeed his father as superintendent of the royal gardens lured Le Notre away from painting and started a career that, for sheer magnitude of achievement, has never been equalled in garden design. Versailles, Fontainebleau, Vaux le Vicomte, Chantilly and St. Cloud are only a few of his commissions.



VIGNOLA (1507-1573)

One of the greatest architects of the 16th century, Vignola followed Michelangelo as architect of St. Peter's. He also designed gardens. His masterpiece, the Villa Caprarola with its gardens, will be shown in the March issue.



PIRANESI
(1720-1778)

Because of his engravings Piranesi is called the "Rembrandt of Architecture." As a garden designer his most famous work is that of the grounds of the Priory of the Knights of Malta.



ST. PHOCAS
(2nd Century)

St. Phocas the Gardener toiled among his plants about his dwelling near the gate of Sinope, a city of Pontus; a humble, god-fearing man. He was a martyr to his Christian faith.



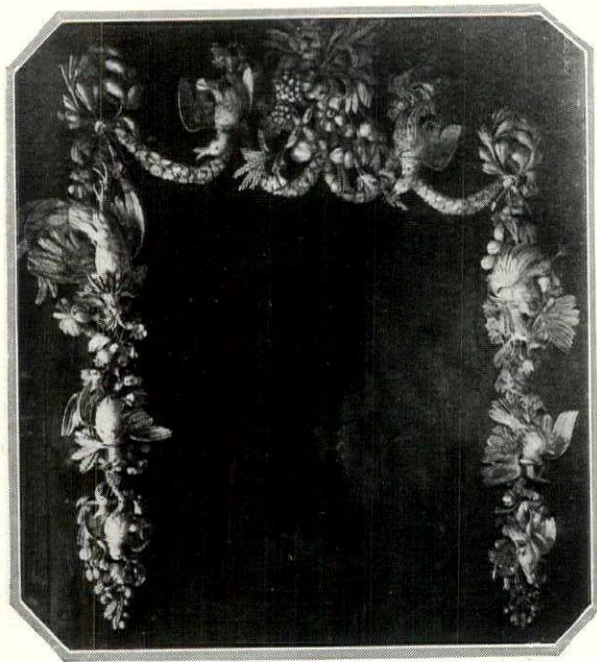
The Wood Carving of Grinling Gibbons

(Continued from page 69)

himself go see him. This was the first notice his Majesty ever had of Mr. Gibbon." But it was not the last: Grinling Gibbons became master carver in wood to the King and served the crown until the time of George I, creating masterpieces in carving, making friends, marrying happily and waxing prosperous. The portrait of Gibbons and his wife, painted by their friend John Closterman, was engraved in mezzotint by John Smith. We have also a fine portrait of Grinling Gibbons painted by Sir Godfrey Kueller and engraved by Smith.

Grinling Gibbons appears to have taken a swift leap from his apprenticeship. Evelyn had introduced him to Hugh May, Sir Peter Lely, Samuel Pepys and others, and in turn he was introduced to Sir Christopher Wren, then busily engaged with the rebuilding of the London churches after the disastrous fire of 1666. Wren immediately gave Gibbons employment at Windsor, and later at St. James Church in Piccadilly and at St. Paul's Cathedral. By 1678 Gibbons was carving the chimney-pieces for the Queen's Privy Chamber and for the King's Drawing Room. The superb reredos which Gibbons carved for St. James Church some years later established his reputation. This was carved in cedar over a marble carved *Cena*. Here we find a perfect example in carved wood of the *rainceaux* treatment so skillfully handled by Gibbons and so often employed by him. Here, as elsewhere, the detail is sharply defined and there has been, as an English writer has pointed out, no departure from truth therein, floral or anatomical.

The work on the choir stalls of St. Paul's is likewise a monument to Gibbons' fame, even though a necessitated architectural arrangement in later years completely altered the original effect of the choir. Gibbons received £210 for carving the forty-two cherub heads—what would they not bring now at an art sale!—and



A typical example of Grinling Gibbons' work is contained in this beautifully carved over-mantel decoration in which birds and flowers and fruit are fantastically arranged

some £1,560 for the entire work, inclusive. As Tipping says, "Inigo Jones originated a style, Gibbons a new manner of treating it." The heaviness of the swagging in carving before Gibbons appeared gave way immediately to his greater refinement and his work was one of the glories of the later English renaissance. Although England's debt to the Italian renaissance was tremendous, still England's own originality was shown in the replacing of Italian balusters with carved

and pierced panels of woodwork.

We are fortunate in having in America a few authentic works from Grinling Gibbons' atelier. The most important of these is the carved and gilded wood over-mantel formerly at Holme Lacy in England. This is to be seen in the Metropolitan Museum of Art, New York, as also is a lime-wood panel of the Royal Arms. Lime-wood was the favorite material employed by Gibbons in his carving of natural objects.

Here reproduced is Grinling Gibbons' fine mantel for Belton House, one somewhat resembling the Holme Lacy mantel and yet another on the order of the famous carved mantel in the dining room at Lyme Park. "The Four Seasons" carved panels from Belton House are shown as examples of 18th Century wood carving of high order. While Grinling Gibbons is a towering figure in the art of English wood carving, his compeers reached to fine achievement. It is, indeed, often difficult to determine all that may be ascribed to Gibbons without question. The impress of his style so influenced others that one frequently finds all the superior woodwork of Grinling Gibbons time classed as his own. Watson and Chatsworth and even others did in their own works closely approach that of the master, but even their hands it seems to me, did not bring forth from the wood such exquisite forms as were evoked by the genius of Grinling Gibbons. However, it is interesting to compare the work of the various master carvers of these years of the early reign of Queen Anne and of the first years of the reign of William and Mary, when this art was in its heyday. Gibbons' last work in Queen Anne's reign appears to have been the chapel carvings for Hampton Court, executed in 1710. Windsor Kensington, Whitehall, Trinity College at Cambridge, Chatsworth, Southwick and Petworth all received the mark of Gibbons' incomparable genius, nor must it be forgotten that he produced other sculptural works of no mean order: his monument to Newton in Westminster Abbey and the bronze statue of James II in Whitehall.

If Grinling Gibbons lived to see newer "fashions" come into vogue, at least he must have felt that his own work had been appreciated and would endure. I like to remember that he left the pompous past in woodwork and carved a perfect cluster of English primroses on a block of lime.

When You Plan Your Garden

(Continued from page 61)

To get back to the question of supports, piers are built up of brick, stone, tile or concrete. They are usually 18" square; never less than that. They are never tapered. Being free from any refined, ornamental detail, piers should be used in pergolas and gardens whose adjoining house is designed in an architectural style likewise free from refined ornamental detail.

Where such detail exists in the architecture of the house, as in some Colonial and Georgian types, the arbors or pergolas in the garden should be supported by columns. The order used in the columns of the pergola should harmonize with that used in the columns and pilasters on the house. It need not be the same order, for while a graceful modification of the Corinthian is often used on Colonial and Georgian houses, that particular capital is hardly suitable for an arbor however sophisticated. It is advisable simply to preserve a similarity of treatment, and this can be done by keeping the corresponding architectural features of the pergola and the house at the same scale, in the same color, and in as nearly the same character

as it is possible to devise it.

Thus it will be seen that the pergola, if it have any architectural ambition whatsoever, being something of an openwork building itself, and being in close proximity to the house of which it is an accessory, must, more than any other element of the garden, conform in style to the house. This point is emphasized because it is one that matters extremely in the final appearance of the two things when seen together. It is very difficult to avoid an effect of grotesqueness when, for example, the garden of a modest house in the English cottage style is set with an arbor made up of heavy Doric columns and elaborately cut beam ends. When it is necessary to erect an inexpensive arbor in the garden of a formally designed house it is wise, rather than to do one in the rustic manner or in stained, square cut timbers, to sidestep any architectural comparison by making it the simplest kind of support which will be almost entirely hidden by a luxuriant covering of vines.

In this general connection it may be noted that many ready-made arbors and pergolas are being built in

a wide variety of styles and sizes from which a suitable choice can easily be made where it is not convenient to have the thing expressly designed. It is wise, in such a case, to select the particular type before completing its setting in the garden. Otherwise there is apt to be an awkward discrepancy when the knock-down structure arrives and is fitted into its place.

While the "roofs" of all arbors and pergolas are open and never shingled or covered with any solid sheathing, they need not always be perfectly flat, but may be hipped or gabled. In a long pergola that closes an entire side or end of a garden it is sometimes advisable, in order to avoid a too monotonous line, to accent the central section or the ends by this device, and by raising it at these important points give it a more interesting character.

It has been suggested before that there are two general types of arbors and that they function in entirely different ways. The arbor that serves as a shelter for a particular spot in the garden should be located at the end of the garden farthest from the

house from where a view of both the house and the garden may be obtained and toward which the main lines of the garden should lead. Exceptions to this rule generally occur in the gardens that fall away from the house and because of the steep slope are invisible from the house. In such a case the arbor might be placed on the crest of the slope where it will act as a sort of connecting link.

Arbors or pergolas of the other type are designed to cover a path or form at the same time a shelter and an enclosure for one side of the garden. Because of this purpose they are usually quite long, and because of the length it is important that their ends do not hang loosely without some very definitely suggested termination such as a gateway, wall, or extended path.

No other feature of the garden can make or mar the appearance of the scheme as effectively as the arbor. If it is well designed and suitably located it will brighten the most mediocre layout. If its design and position are not thoughtfully considered no garden will be good enough to withstand the harm it can do.

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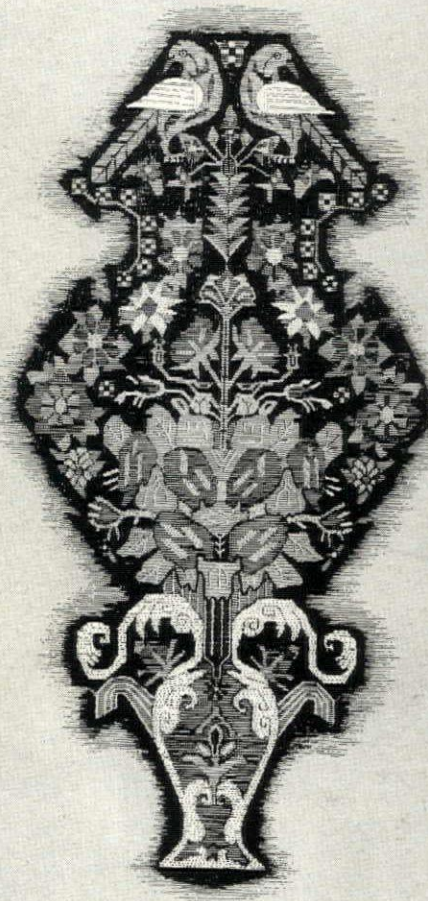
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A breakfast room is made inexpressibly cheerful with a set of Chinese panels printed in gold on lacquer red against tan walls. Nancy McClelland, decorator

Gay Scenic Paper for Dining Room

(Continued from page 59)

background for the American pine cupboard, table and chairs with which the room is furnished.

In the house of Mrs. Frank Crocker the walls of the dining room are covered with the brilliant Renaud and Armide paper that was printed in Paris by Dufour in 1830.

The story that this paper tells is very entertaining. Renaud who was one of Charlemagne's knights, on his return from the Holy Land, tarried too long in the gardens of the beautiful Armide who feasted him royally and laid desperate hold to his affections. His brother knights came to his assistance, fearing that he was lost, and brought him his famous sword which vanquished the demons of the enchantress. Cruelly then, they set fire to the Temple of Love, put Renaud on a boat and sailed away with him, leaving Armide stretching futile arms after him from the shore.

This old paper has verdure in brilliant greens on which the orange and reds of the knights' costumes and the delicate pinks and blues of the lady and her damozels make marvelous contrasts. Over all floats a beautiful sky with masses of pale clouds.

Another charming dining room in the New York home of Mrs. Louis

Ranger has a reproduction of a old Louis XV paper known as "Jeunesse de la Journée". It is set in panels on the walls and is gay and fresh in tone, like a chintz. The paper is lacquered and all the woodwork is painted a clear custard yellow, mouldings accented with a line of blue.

The table, buffet, consoles and lance boards in this room are painted French walnut, while the chairs are painted a deep yellow and glazed. The carpet and seat cushions are dark blue and the old vases made into lacquer are the same color. The curtains are of yellow moire silk with a blue trim, trimmed with yellow and blue fringe. The center light is of tole painted green with drops of amber glass.

A small basement dining room in another New York house has been made inexpressibly bright and cheerful with a set of Chinese panels printed in gold on lacquer red. The walls were painted a warm tan as a background for these panels and the dining table and chairs of black lacquer. The floor is covered with black and white squares of linoleum.

There is never a lack of a topic for conversation when one is surrounded by such gaily interesting walls as these.

A Garden of Mulberries and Roman

(Continued from page 75)

Much of the fine air of completeness which goes with this garden is due to the fact that its equipment fits so nicely into its frame. For instance, the semi-circular bench, the two chairs, and the table, which form such a delightful tea-time grouping, give the appearance of having been made especially for their situation. Probably they were. Yet in designing a new garden this same effect can be obtained, without going to the expense of made-to-order furniture, by selecting the furniture beforehand, measuring it, and planning a place in the garden for it.

It will be noticed that no attempt has been made to grow grass in the paths. Nothing, especially in a city garden, could be more futile, without inordinate care and frequent caressing. In place of turf, broken tiles, warm red in color, have been used, and grass and the smaller sedums are encouraged

to fill the joints. One of the most attractive and usual touches in the garden is the use of a Della Robbia placque in section of stone wall at the rear. This is an idea which may be applied to any sort of masonry or stuccoed ground—not always with Della Robbia placques, to be sure, but with plaques of plain or decorated tiles or terra cotta low reliefs. In stone work the size of the inset piece of decoration must be large enough to prevent its scale from becoming insignificant.

This well developed fragment of Gwyn's old mulberry garden is especially rich in suggestions for the treatment of city backyards. It shows most of all that thoughtfulness in design and a wise provision for comfort and convenience can do more than anything else to make the city garden both livable and lovely.



When a work of any description is acknowledged to be supreme in its field, it inevitably becomes the object of comparison.

There is nothing unusual in this. It befalls any product which has won the reputation of being surpassingly fine.

Invariably there are those who imitate and claim equality with it, and who seek to profit through its high repute.

But in their efforts to duplicate the original, they neglect to duplicate the skill and artistry which give it distinction.

They succeed only in imitating the lesser details, the shell and semblance of the reality; they never attain to its deep, inner excellence.

They are barred from reaching this goal by the natural law that the follower can never be the leader; that he who is content to tread in the leader's footsteps can never by any chance overtake him.

The public, sitting in impartial judgment, is not deceived by unsupported claims, and does not accept them as a substitute for performance.

The public knows that comparisons are never sought with the commonplace but always with the best, and they serve only to confirm and strengthen allegiance to the leader.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
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illustrates in full color many styles of Riddle Fitments, in Silver Estofado and Gold Estofado Decoration—suspended pieces, wall-brackets, lamps, torcheres, etc. Copy sent on request.

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Riddle Torchere at left, No. 640,
\$125 pair

Thermometers You Should Know

(Continued from page 87)

are not affected by the temperature of this mount. One of these thermometers has its bulb "free", or exposed to the air temperature, while the other has its bulb covered with wicking or muslin, the end of which is immersed in a cup or tube of clean, distilled water. By capillary attraction this bulb is always kept moist and indicates the cooling effect of the evaporative power of the air. The drier the air is the greater the difference between the two readings.

On each of the scales there are three lines engraved, marked 1, 2, 3, respectively. These represent the "comfortable" temperatures. For instance, on the "dry" tube, No. 3 line is at 65° Fahrenheit and on the "wet" tube it appears at 59° Fahrenheit. This represents a humidity of 70%. No. 2 on the "dry" tube, No. 3 line is at 65° and on the "wet" at 60° F. This represents a humidity of 56%. No. 1 line on the "dry" tube is at 75° F. and on the "wet" at 65° F. This represents a humidity of 59%. All of these humidities are very comfortable at the air temperatures indicated.

The "dew point" is indicated by the hygrometer, and in the evening it usually determines the lowest temperature of the night. By ascertaining the "dew point" the approach of a low temperature or a frost may be ascertained be-

forehand and be provided against. here is a valuable thing to be known by garden lovers, etc. When the "dew point" is indicated below the freezing point frost will form instead of dew. A positive sign of a very sure sign of fine weather. The greater the difference between the wet and dry bulb thermometers, the greater will be the probability of the weather being fine, vice versa. As dew is not formed during a wind or when there is considerable cloud, it is an incidental indication of fine weather. Hoar frost is really a sign of changeable weather.

The barometer measures atmospheric pressure, and determines in advance change in the weather. The normal pressure at sea level is 29.9. That is to say, the air will force mercury in a bent tube up to 29.9 inches in a second. When the barometer reads low and falls rapidly you will know that a storm is on the wing, for low pressure area has come in. The air is light so the mercury can't be held up.

Thus it is seen how many and diverse items of our daily existence can be given greater convenience, safety, certainty and interest, through the use of one or more of these mechanical gauges. They combine to overthrow the guesswork of art of guessing by substituting the science of accurate measurement.

Colorful Living Room

(Continued from page 53)

park. This, besides introducing a note of individuality, picked up the tones of the toile used on some of the chairs. This material was a rusty black print on an almost apricot colored ground, shading into the copper of the curtains. The hunting scene was again suggested by one of the patterns in this fabric, another motif being one of proud peacocks strutting in a garden.

Directoire chairs were used, painted soft green and covered with needlework done in green and ivory. The rug, a plain velvet carpet in a deep prune color that was almost plum, made an excellent background for the varied colors of the furnishings. Other color notes were introduced in the oval pictures on either side of the mantel showing classic figures holding "Horns of Plenty" filled with gayly toned flowers reminiscent of a country garden. The "Horns of Plenty" were repeated in amethyst colored glass on the walnut consoles beneath the pictures. These were filled with fragrant lilacs of beautiful mauve.

Another decorative note was provided by the recessed bookshelves with their rows of colorfully bound books and upper shelves filled with a beautiful collection of old Chinese Lowestoft. Between the bookcases were hung long mirrors with old pictures at the top that again carried out the illusion of the country. Beneath these mirrors old walnut commodes held alabaster lamps with shades of copper color. The light falling from them on the salmon and pale yellow snapdragon was very refreshing while deeper copper tones were found in the velvet cushions at either end of the sofa.

The soft green walls, the deep prune carpet, the touches of amethyst and copper color about the room were all brought together and blended by the shimmering reflection of the open fire. It was a room for night as well as day.

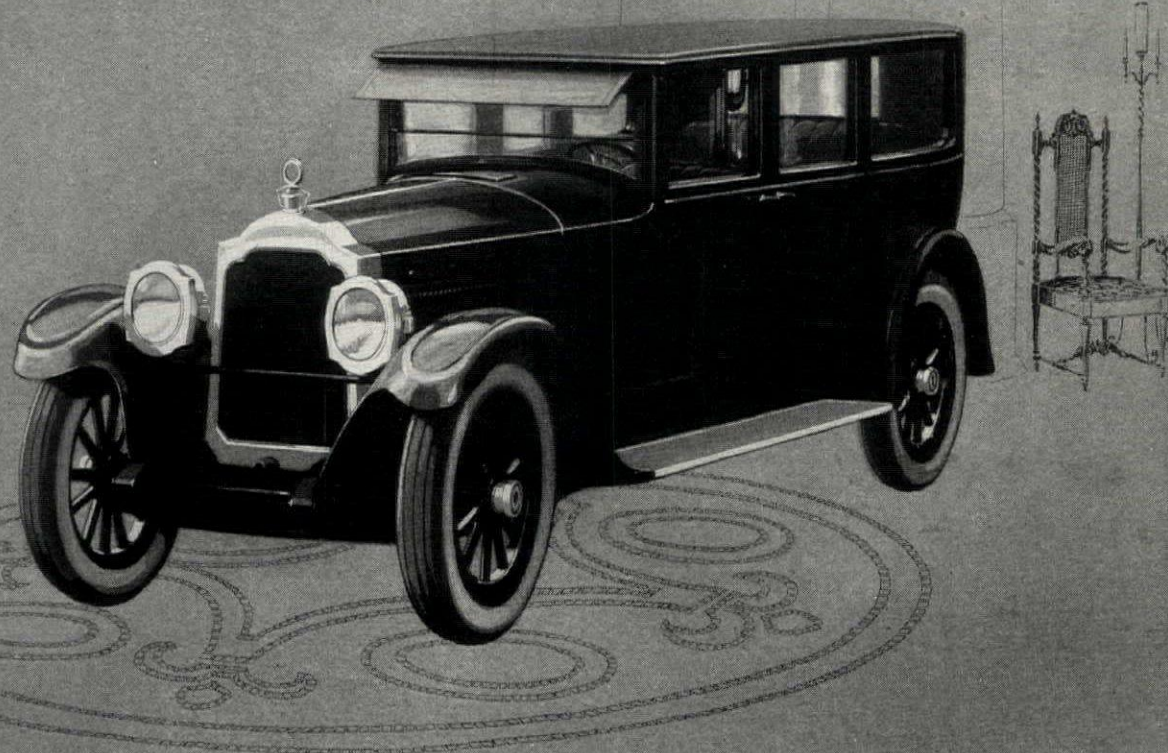
The slightest thing in the world will often give one inspiration for an entire color scheme. A pot of hyacinths, purplish blue fading into pinkish mauve was the nucleus for one of the most

charming rooms I ever saw. The walls took their color from the palest of the flowers, a shade of pink with faint bluish cast. At the window hang curtains of sheer gauze bluish purple, like the deepest shade of flowers. These changed to almost quiose when the sun poured through them and were in charming contrast the pink walls and overhangings deeper pink satin looped back over green glass tiebacks. Some of the furniture was done in an old green chintz in lovely blues and greens on yellow ground, while an odd stuffed chair was covered in an antique satin, the color of the hyacinth leaves and piped in the same purplish blue. Hyacinths were in pink china bowls the windows and old china vases on mantel repeated the blues of flowers. It was an amusing and colorful room in spite of the amount of blue used.

In a little morning room in a country house, surrounded by a wondrous garden, I let flowers play the main part in the decoration. The walls and work were painted a pale, neutral color, an excellent background for flowers. The floor was black and white tile and the furniture for the most part was with gold decorations. A small table was done in a gray-green satin, and also neutral in tone, a low chair with a flowered chintz that would harmonize with anything. Here the surroundings were purposely lacking in any vivid color as the flowers were intended to supply all the color interest. It proved a lightful and gay for one might have a different color scheme every month of the year.

In the last analysis it is color of the most conscious of on entering a room. Delightful color effects will do much to counteract bad architecture and furnish. One need not seek far for wide for new schemes; they are to be found near at hand in the human things. A can painted bright blue lined with copper was the basis for one of the most effective dining rooms I ever saw.

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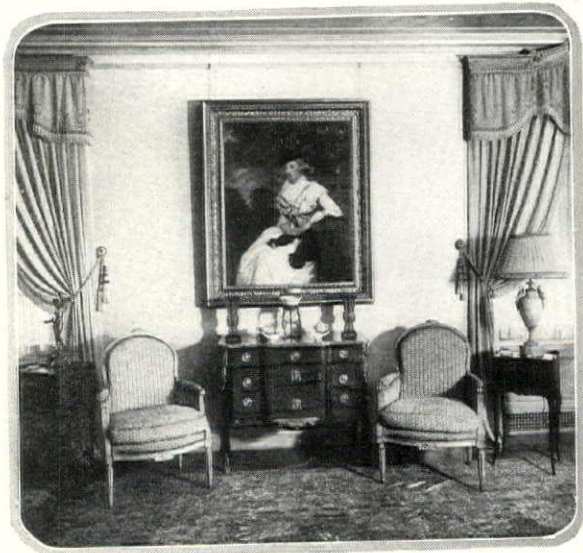


The floors of the Rorimer-Brooks Studios are rich with the artistic treasure-trove of Europe as well as with the gems of furniture produced in the Rorimer-Brooks shops. In the decoration of your residence Rorimer-Brooks designers will utilize the most appropriate of each to achieve a wholly satisfying home.

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CLEVELAND

Below is a corner of the Italian Room in our Studios



A commode with two chairs and their accompanying small tables can be effectively used in a large space between windows. Baron Voruz de Vaux, decorator

Grouping Furniture

(Continued from page 65)

rooms are not nearly as dull as they used to be. Painted panels, vivid wall papers and amusing effects gained by woodwork and furniture in some brilliant, contrasting color all have their places in an interior that one passes through and does not have to live with any length of time. On entering one should have the shock of some, unusual, compelling effect in the hall. It is soon forgotten in the more conventional furnishings of the other rooms.

If a hall is very narrow, furniture should be selected with this in mind. Wrought iron consoles with black glass or marble tops can be made any size and width and with chairs and a mirror in keeping create a formal group pleasing to the eye as well as utilitarian. A mirror should be in every hall. It enlarges the apparent size besides being a great comfort. Another way of making a narrow space seem larger is by using a landscape paper, one with vistas down which the eye can travel.

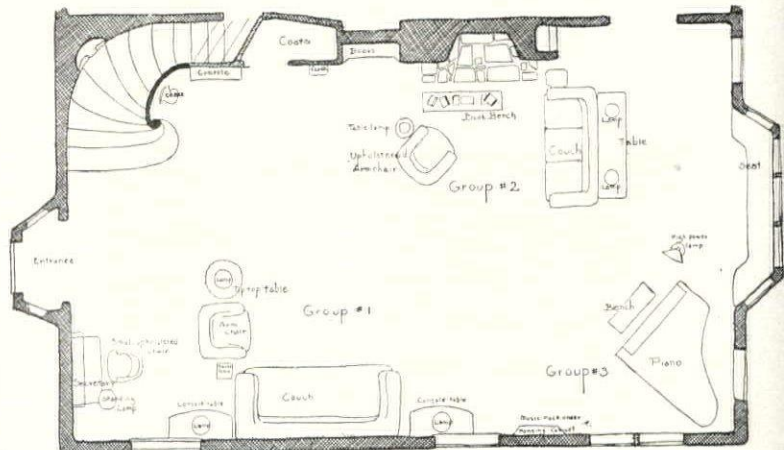
The console with a chair on either side is capable of many interpretations. Where the hall is wider a painted commode with chairs to match will provide an interesting note of color. The other side wall might have a long, narrow settee with a flower painting above to balance the mirror on the other side. In a spacious early English hall the same idea can be

carried out using a chest or long Jacobean table with chairs of the same era, the whole silhouetted by colorful tapestry. There is a precision and formality about this grouping that is very restful, however stereotyped it may be. Also it keeps most of the furniture on one side wall and gives people plenty of room to pass through the hall easily and quickly. Nothing is worse than to have to pick and thread one's way around meaningless pieces of furniture.

If the hall is large enough to be used as a reception room as well, the furniture can be grouped differently. Perhaps there is a fireplace. In this case a comfortable chair or two will not be out of place. Or a corner might have an easy chair or small sofa with a table near to hold the latest magazines, books and a lamp. And every hall whether of the simple cottage type or one of more dignified proportions, should contain a bowl of flowers. Flowers soften the bad points of a room and intensify the good ones. Also it is good to have flowers part of one's first impression of a house.

The bedroom does not offer so many problems in the matter of arranging furniture. There are certain places for certain pieces and the others group themselves naturally. For instance,


(Continued on page 100)



The above plan suggests ways of arranging furniture in a large living room. There are four distinct groups; those that cluster about the fireplace, sidewall, piano and desk



The Clasps Are Her Only Guide!

T is not more difficult to identify the woman whose face is averted in the photograph, than it is to tell from the closest examination which of her pearls are Téclas and which are Orientals. She is wearing both but long ago gave up trying to solve the witchery of which is which. The clasps are her only guide.

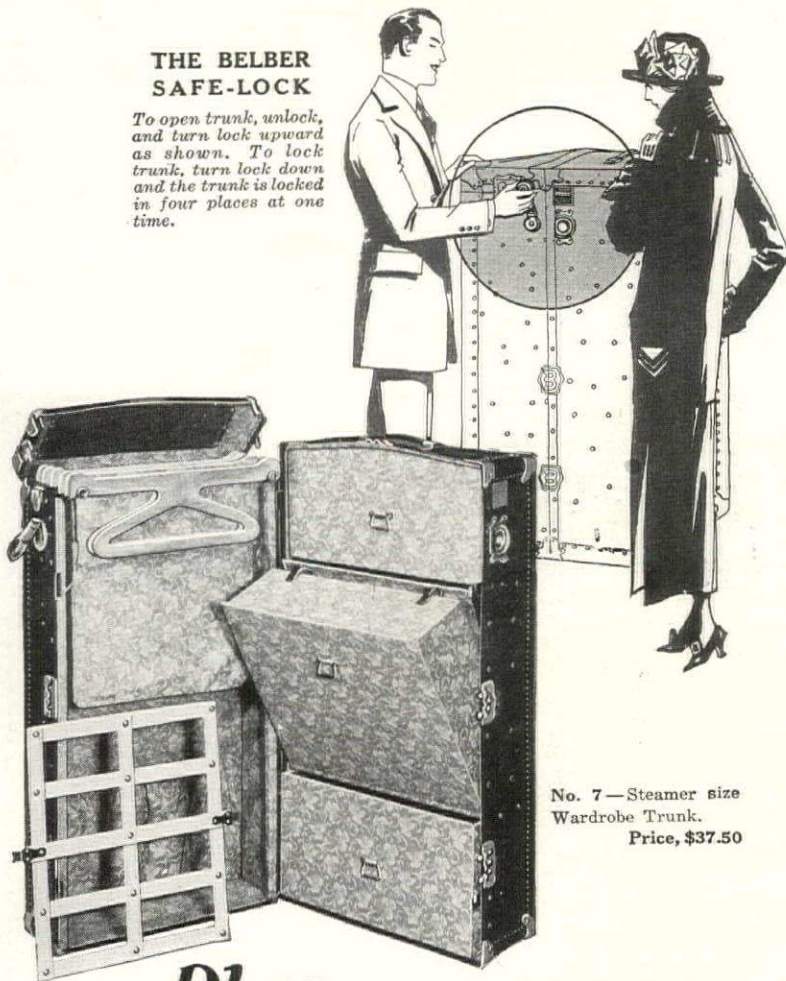
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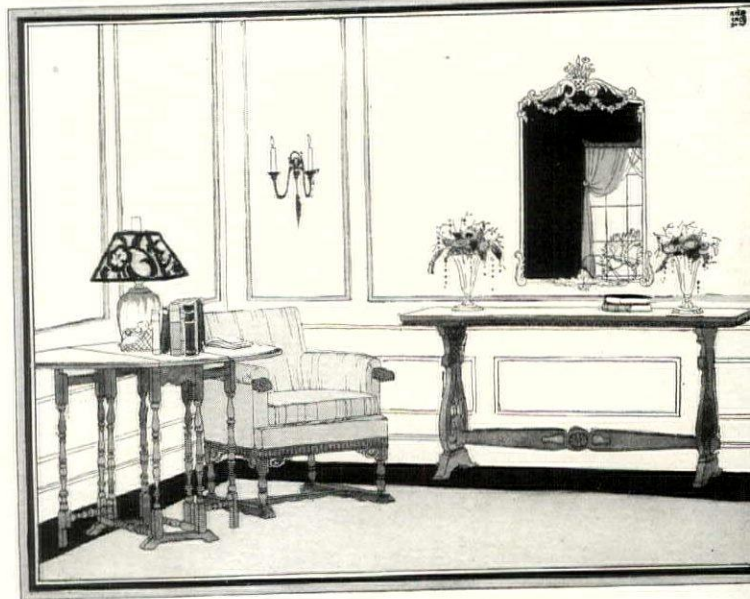
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If a hall is fairly large it should contain a comfortable chair and table in addition to the formal console and mirror.
Courtesy of William A. French & Company

Grouping Furniture

(Continued from page 98)

dressing table must be placed near a window, between windows or in a bay window. This with its attendant stool or chair and possibly a small table at one side forms one of the main groups in a woman's bedroom. Another will consist of the bed and a small night table. If the bed stands out in the room a small commode on either side holding matching lamps will form a nicely balanced arrangement. Every bedroom should contain a chaise longue or comfortable sofa as there are many moments when one wants to rest without the trouble of disturbing the bed. This is effectively placed at the foot of twin beds or a double bed, but if there is only one

a chaise longue will look in a corner near a window. A table with a lamp on it will complete this group. If the bedroom fireplace the arrangement around the hearth can follow that of the room only here the pieces will be smaller in scale. A chest of drawers cabinet with an easy chair and stool chair will form another group. In a bedroom or boudoir will be complete and thoroughly comfortable if it contains a small desk. No room how spacious the one in the room, every woman should have a dant small chair complete the of furniture for the room.

Rock Gardens for Sunny Slopes

(Continued from page 70)

ing for the rock work, using native evergreens and deciduous semi-dwarf spring-flowering trees and shrubs. Within this green, substantial frame which is left open on the side of the main view and approach from the house, the rockery along a slope should appear a unit and, as such, a distinct feature of beauty.

On larger areas a careful interspersing of strictly dwarf-growing trees and shrubs is of advantage. In the Middle Atlantic States it is a necessity, especially on south and southwesterly slopes. We are, for climatical reasons, obliged to exclude quite a number of very attractive alpines. Some of the less delicate species we occasionally succeed with when, during the hottest hours of the day, we have them shaded by low mountain trees and shrubs. Andromeda's hardy azaleas, daphnes, mountain laurels and Cotton-aster horizontalis, aside from their beauty of bloom and foliage, aid in giving life to the winter appearance of our rock gardens. We also very soon notice that the dark vivid green of creeping Junipers and the low compact growing form of the mugho pine, when thrown in contrast with the bright and brilliant color sheets of many herbaceous mountain plants, immensely enhances the singular charm

of rock garden effects. Looking at a large canvas beautiful landscape, painted by a master artist, we observe a remarkable variety of light effects. Nevertheless, these seem insignificant compared with the wonderful variation in aspects of a rock garden the circling hours of the day. The rock garden illustrated here, with its southwesterly exposure, the morning of all in the matter of escaping summer heat. For charming combinations of light and shade, however, proved one of the best. All southwesterly incline the sunlight not strike objects at the right angle until after midday. During the hottest hours, the vegetation, devoid of light is soft, the shaded part evergreens darker; hence the coloring effects remain longer and superior to any other part of the

We should accept the beauty of an American rock garden along the slope as a cheerful greeting from the distant hillsides. For that part beauty is something of a messenger of the clear and invigorating atmosphere of high altitudes where recompense for the short brief period of vegetation, nature flowers bountifully.

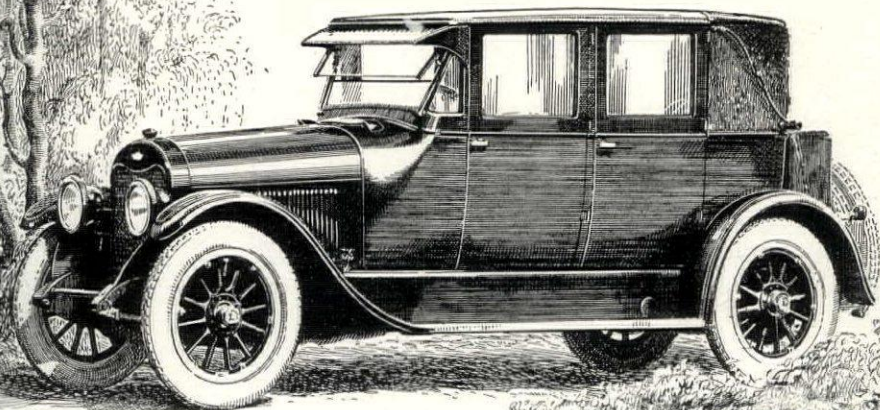
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This is a settled conclusion which merits respect because there is behind it the very certain and definite conviction throughout this Ford organization, that all the strength of our manpower, all the talent, experience and material things we command, are to contribute whatever may be needful to make the Lincoln, in actuality, the finest motor car in the world.



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Notwithstanding a natural inclination of the fashion of the day toward things French, Duncan Phyfe and his contemporaries in America in the early years of the 19th Century did not succumb too readily to the French Empire style. At first they drew from it only fresh inspiration in details of ornament, and the manner in which these were blended with the established forms produced a style of exceptional interest and merit.

The sideboard illustrated is an excellent example of the work of the period. In form, line and proportions it is distinctly Sheraton, but the Empire influence is clearly discernible in the motives of the carving and in the hardware. Kensington reproductions not only reflect the spirit and character of the style with the utmost sincerity but also revive the finest traditions of craftsmanship for which the period is notable.

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

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A painted chest makes an effective spot of color on a long side wall. The one above with its delicate flower decorations could be used in a living room or hall. From Erskine-Danforth

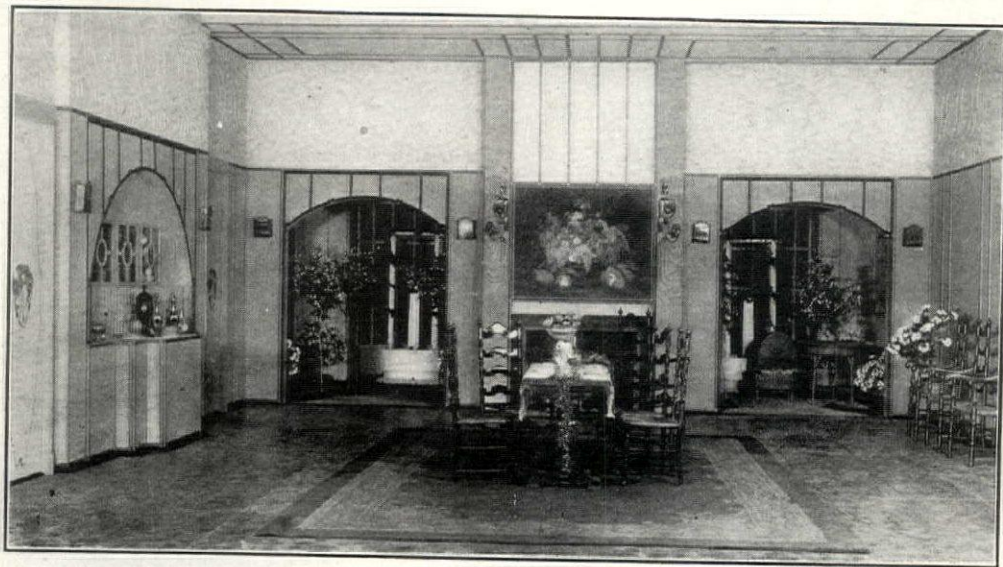
PAINTED CHESTS



When a chest of drawers is as decorative as this it might even be used in the dining room under an old flower painting. From the Osgood Painted Furniture Co.

Another gr... that would... charming in... breakfast room is painted parchment... or with decorations in... and gold. Courtesy of Frank Brooks Stebbins

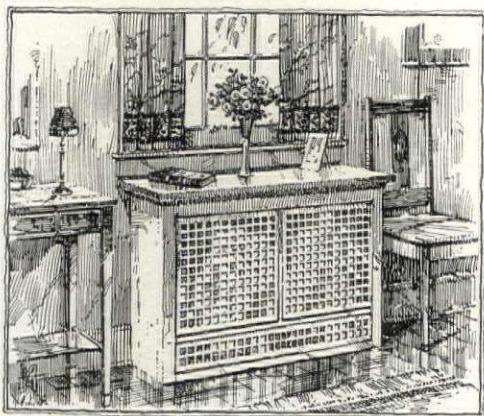




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Suggestions of how to convert radiator obtrusiveness into pleasing furniture features.

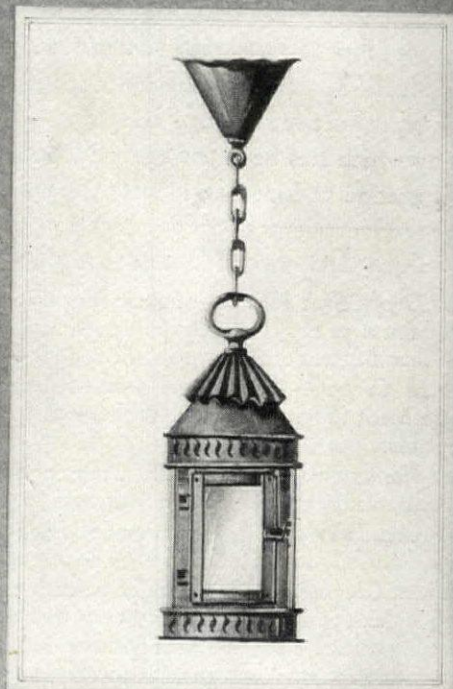
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This painted commode and mirror would add gaiety to a bedroom



The before and after view of a chiffonier. Paint, a graceful design and new handles have done wonders. From the Osgood Painted Furniture Co.



PAINTED CHESTS



In a bedroom of delicate coloring an effective contrast is provided by introducing the note of black in the painted furniture. Courtesy of Frances Brooks Stebbins

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from its uninviting emptiness, or its three cold logs, to a bright, attractive spot that radiates comfort and cheer. Without causing work, dust or smoke, Magicoal brings true "Firelight Happiness" at a turn of a switch. It operates on any lighting circuit at negligible cost, goes in any fireplace, real or dummy; no flue or alterations needed. Gives heat, too.

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2

Decorating the House from Without

(Continued from page 76)



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Our pleasurable task, as we see it, is to interpret the preferences of this patronage in terms of Good Furniture and the lowest cost consistent with the required standards of character; and further, to safeguard in every way the satisfaction of Hathaway customers.

Their fast-increasing number is evidence not only of our own success in attaining this ideal, but of a growing appreciation of Furniture excellence, fair prices and a sincere desire to serve.

✱ ✱

The Walnut Dining Suite, from which the above illustration is taken, is a splendid example of the Elizabethan treatment at its best. It has all the dignity, strength of contour and fineness of detail characteristic of the style.

✱ ✱

**W. A. HATHAWAY
• COMPANY •
62 WEST 45TH STREET
NEW YORK**

the chimney-face, or in the panels between the windows. These tiles can be in soft or brilliant colors, in patterns, or in just a frieze of one color.

The charm of stucco both as a building material and as a power for interesting decorative detail has been known for centuries. The Persians and the Moors realized its great possibilities, as did ancient Greece and Rome. The stucco of the early days in Europe, especially that which is so much admired today in the French and Italian villas was made with lime; but for our colder climate here, we find the introduction of Portland cement essential. Frequently today stucco panels, in ornamental form, are used in connection with brick work. The entire front of a building may have the decoration in terra cotta. The varieties of beautiful effects which can be obtained by the architectural decorative detail of these materials is almost beyond belief. One may remember Rodin studios in New York with that splendid succession of Gothic windows reaching from doorway to roof, entirely developed in terra cotta.

If there is any doubt as to the possible beauty and durability of ornamental terra cotta, remember your first glimpse of the Palazzo Communale in Bologna, the gentle Virgin and Child set in the rich frame under the protecting hood a bit of decorative detail dating from the 15th Century. Or the delicate terra cotta arches of the Cestosa of Pavia, at least eight hundred years old. And then realize that whatever rich structure and fine ornament was accomplished in terra cotta or plaster six hundred years ago can be repeated by the manufacturers today, and our homes made as lovely by the use of architectural detail as these old palaces and dwelling houses we are so accustomed to think of as unique. Some very splendid examples of this sort of decorative ornament date back at least two thousand years; but fine as these are, it is more to the Renaissance use of terra cotta and plaster that we turn for inspiration.

Many architects have long ceased to use the old designs as models. They design the ornamental detail for their own houses and so far as possible have it incorporated in the construction. A rule this decoration has no color. It is the same material as the house; it is apt to be low relief though not inevitably so. If one is seeking for there is a preference today for tiles in a very simple dwelling can be immensely enriched with a sufficient variety of number of brilliant tiles, arranged essentially as ornament.

Of course architectural ornament almost every description, metal, plaster, terra cotta, wood can be had stock designs, which greatly lessens expense; and if used with imagination and skill can add vastly to the beauty of almost any type of modern house. It goes without saying that ornamental stucco or terra cotta would not be ordinarily on a house with half timber construction or on a stone house. Its value is limited to houses needing such decoration and profiting by it.

All through California you see the very simplest stucco houses with walls as plain as the material can be laid but with here and there an intentional ornamental note in brilliant tiles, only in the exterior of the house but the garden walls and over the gateway. The effect is extraordinarily beautiful especially if adequate planting has been gained and the tiles seem to glow through green draperies.

Of course, no architectural detail could be greater than the overuse of ornament or the wrong use of it. It must be appropriate to the construction in color, design and placing. When once incorporated it must seem an actual part of the construction and must never for one moment interfere with the beauty of the original form of the house. If any of these rules are defied, architectural ornament in detail would better be entirely ignored. While to handle it with wisdom, expense and appreciation is greatly to increase the attractiveness of modern domestic architecture.

HOW TO CARE FOR FLOOR

NOTHING so quickly mars the appearance of an otherwise attractive room as an ill-kept shabby floor. How often we see a beautiful rug surrounded by wood streaked and chipped, lovely furniture placed on unsightly floors, the result not so much of neglect as improper care.

When we tire of our curtains it is a simple matter to renew them. Furniture is constantly moving about and the entire character of the room can be changed by a new wall paper. But floors are permanent and should be of the best materials procurable, well laid in the beginning and finally well cared for. A cheap floor is very poor economy.

As varnish is easy to apply and keep clean, it is used to finish the majority of floors. The parts of the floor that receive the hardest wear soon become shabby in appearance and no successive coats can quite repair the damage. For this reason small rugs should be used in halls, in front of doors and windows spots that receive the greatest amount of usage.

Varnished floors keep their color longer if no water is used on them. If very dirty, however, warm water and a good soap may be used if the floor is wiped dry immediately and then polished with an oiled cloth. Do not use ammonia in the water, as it destroys the varnish and

eventually darkens the wood. Otherwise a soft brush or mop will be sufficient. If a broom is used it should be covered with a piece of flannel. At this the floor may be polished with soft cloth moistened with kerosene a good floor oil. Care should be taken that very little oil is used, as too much is apt to darken the wood. A good floor oil that can be easily mixed at home consists of boiled linseed oil thinned with three parts turpentine. Scratches and spots can be removed with kerosene and very worn spots may be somewhat improved by this treatment. When worn right down to the wood, however, a fresh coat of varnish is imperative.

For painted floors the treatment is much the same. They can be kept clean with a soft brush or broom wrapped in flannel and then polished with a cloth or mop slightly moistened with water. They may be wiped up occasionally with a damp cloth if dried immediately afterwards. Very little water should be used and any violent scrubbing with brush will scratch and chip the paint. In other words, use very little water and no strong soaps or powders on painted floor.

Wax—that loveliest of all finishes—requires quite a different treatment from either a painted or varnished floor.

(Continued on page 108)

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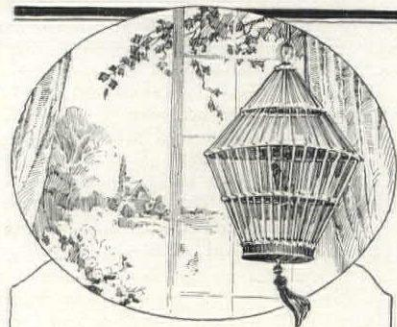
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How to Care for Floors

(Continued from page 106)

First of all, it is not a good plan to use any oil as this is apt to soften the wax. Water is also impractical as it immediately dulls a waxed floor and makes it streaky in appearance. The best method of keeping a floor of this kind in good condition is to wipe it up with a cloth moistened with gasoline. Turpentine also may be used but great care must be taken not to use either of these liquids anywhere near an open flame as they are both highly inflammable and should be kept tightly corked when not in use. Most spots can be removed with oxalic acid solution after which the place must be rewaxed and polished.

Most people make the mistake of waxing a floor too often. Too much wax is apt to get sticky, collect dirt and streak in spots. Careful polishing once a week with a weighted brush will keep a floor of this kind in good condition. Of course the spots receiving a lot of wear will have to be rewaxed more often than the rest of the floor.

Floors that have only been oiled are very easy to take care of. A soft brush or broom removes the dirt and an oiled mop gives the finishing touch that polishes. Again water should be used sparingly. If it becomes necessary, however, use a soft cloth wrung out of warm soapy water and be sure the soap is good. Wipe the floor up immediately with a dry cloth and then polish with kerosene or a good floor oil.

Cement floors are also easily kept clean. They should be swept with a stiff brush and only occasionally need to be mopped up or scrubbed. One must be a little careful, however, in the treatment of tiled or composition floors.

A soft brush will keep these clean, after which a dry mop will give the finishing touch. If washed at all, warm water and a good soap may be used provided the floor is wiped up immediately afterward with a dry cloth. Never leave water standing on a composition or tiled floor as it is apt to destroy the surface and loosen the tiles.

Floors of unfinished wood may be mopped or scrubbed with a stiff brush, warm water and a good soap, then wiped as dry as possible. Too much water and strong soaps and powders darken and tend to soften the wood. If badly stained, powdered pumice may be used. For ink or iron stains an oxalic solution or lemon juice and salt will usually suffice.

Brooms have much to do with the appearance of floors. A soft hair brush for tile or linoleum, an oil mop and a weighted wool brush for polishing waxed floors, will fill all the needs. The weighted brush may be used also for oiled floors if covered with a piece of heavy flannel. A good scrubbing brush will be needed for cleaning unfinished wood.

Much time and trouble will be saved if the brooms and brushes are kept in a special closet conveniently located. Also the life of the broom will be considerably lengthened if it is treated with just an ordinary amount of care. Brooms and brushes should be hung up when not in use to avoid the weight being on the bristles. Bristle brushes may be washed in warm water and a little ammonia. The weighted bristle brush used for polishing waxed floors should be washed occasionally.

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ON HOUSE & GARDEN'S BOOK SHELF

MAZES AND LABYRINTHS, by W. H. Matthews, Longmans, Green & Co. Although the maze as a form of garden decoration is quite uncommon in this country, in England and on the Continent vestiges still remain of this ancient and mysterious usage. So that to American gardeners such an authoritative and comprehensive study of mazes and labyrinths as this author presents would seem to be *caviare*, but once the authors unfold the subject, its extent and interesting ramifications are far from dull. For the labyrinth idea seems to go down deep into race roots, into the original body of legends common to early Egyptians, Greeks and Romans. The slaying of the Minotaur by Theseus is an ancient Cretian legend and the fight is supposed to have taken place in a labyrinth. On the Island of Crete vestiges of what may have been a labyrinth have been found, so that there is a basis of truth for the legend. Vestiges of labyrinths have also been found in Egypt, and Italy is not without its remains. From the actual labyrinth the design was taken for many decorative devices still to be found in cathedrals on the Continent; it also served as the basis for the designing of garden mazes.

These mazes, according to the author, generally take two forms—the evergreen and the turf maze. Apart from their decorative quality they were also used for games, especially the turf mazes. In the heyday of formal Dutch and French gardening the maze was as necessary an element in garden design as a path is in gardens today; it

was a commonplace on every well-developed estate. Consequently garden architects of that day showed no little ingenuity in making these complicated designs. The pages of this book show several score.

Doubtless when Capability Brown and Repton began their efforts at landscaping in England they found numberless garden mazes, and perhaps we can thank these gentlemen for much of their disappearance. However, the making of a maze was a horticultural stunt; it belonged to the age that lauded topiary work to the skies. That it has passed is not a matter for regret. Fortunately, however, a few mazes remain and to each of these the author gives adequate attention.

It is interesting to note that our child's game of "Pigs in Clover" is a survival of the labyrinth idea.

CHEATING THE JUNK PILE, by Ethel R. Peyser, with an introduction by Richardson Wright, Editor of House & Garden, E. P. Dutton & Co. Ethel R. Peyser, who for several years has been the Household Editor on this magazine, is an indefatigable worker in ferreting out new inventions and in presenting them to readers. From month to month she has been presenting various phases of the household equipment problem. Often we used to think that she'd run out of ideas. And we no sooner had thought than she discovered something new. However, during the time she has managed to present practically all phases of household equipment. The

(Continued on page 110)

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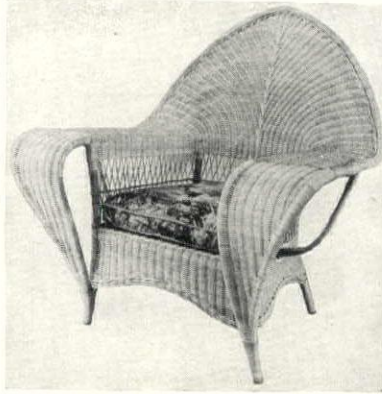
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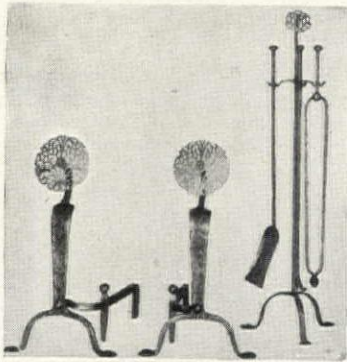
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Poggio A. Cajano, from the garden, a palace designed from Cosimo the Elder. It is one of many types illustrated in "Villas of Florence and Tuscany"

On House & Garden's Book Shelf

(Continued from page 108)

phases are now put out in permanent form between covers—bright red covers.

And this brilliant red is symbolic of the writing beneath. The average household article is as dull as dishwater; we often wondered why anyone ever read them. When Miss Peyser began writing for House & Garden her instructions were that, in addition to being authentic, her copy must attract and hold the interest of readers. She has done this admirably. Her articles have been a successful feature in House & Garden, and constitute one of the factors in its healthy and steady advancement. But it has taken a quick twist of the pen, an almost Houdini-like touch to make the subject of pinks readable, to catch and hold interest with pots and pans, to cast such a glamor around kitchen knives that you forthwith want to go out and buy a lot of them.

This is the artistry that makes "Cheating The Junk Pile" an eminently readable book. The title, of course, establishes her thesis. It is one thing to acquire household equipment and quite another to maintain it in such a perfect state that it will serve all its purposes. Consequently, you are not only told the knives that you ought to have, but how to sharpen them and how to hang them up so that they will keep in good condition and be handy; you are not only told what to expect from ice-making machines, but how to handle them so they will be of constant service; electricity in the home is made so plain to you that you can be your own repair man. But, the author's idea, of course, is to keep the junk pile as small as she can. "Ignorance in buying is the junk pile's subsistence," she says. It is a book of household fore-knowledge. Following its instructions the purchaser cannot go wrong. In all modesty we recommend this as the Bible among kitchen books.

past ten years, this last decade has seen an unusual advancement in the average taste. The mediums through which this taste is disseminated—the schools, magazines and books—have set themselves a constantly increasing standard. To meet this rising average standard and to help maintain it Miss Burbank has written a decoration book that for simplicity has few equals.

It is also, so far as we know—and we read most of the decorating books—the most human on the subject. It is the first book which has come to our attention in which the man of the household has been given the slightest attention. The instruction not to place fancy padded coat hangers in a man's closet ought to go a long way toward helping martial felicity in this country. In fact, the author's acquaintance with a man's likes and dislikes is both amusing and amazing.

Nor have we ever seen a decorating book which took into account in so helpful a way the needs of an old lady, an old gentleman and servants.

The book opens with five excellent chapters—How to Analyze a Room, How to Recognize the Points of Beauty in a Room, Sorting Your Possessions and Placing Your Furniture. After this the problems of the individual rooms with their accessories are considered. There are also practical chapters on how to stencil, how to dye, how to make lamp-shades and how to arrange mantels, mirrors and pictures. The chapter on Chintzes and Cretonnes contains some excellent advice, especially in the handling of figured materials. Toward the end of the book Miss Burbank considers such subjects as The Art of Shopping, The Furniture Periods and Periods in Color Schemes, and some don'ts and questions on decorating generally.

Parts of the material in this book have appeared in House & Garden. A great deal of it might have appeared, because it is excellent in taste and practical in presentation, but we must disagree with Miss Burbank on several points. In her desire to be helpful we think she has advised the use of things which will not wear and some things are in questionable taste. A dressing table made from a packing box is all very simple and economical, but people who would read and follow the advice in this book

BE YOUR OWN DECORATOR, BY Emily Burbank, Dodd, Mead & Co. Miss Burbank has the courage of a very commendable conviction. She believes that the average educated woman in America has sufficient taste, with the assistance of such a book she has written, to be her own decorator. Unquestionably that is true. While as a whole the American people cannot be said to have made much progress in the

(Continued on page 112)

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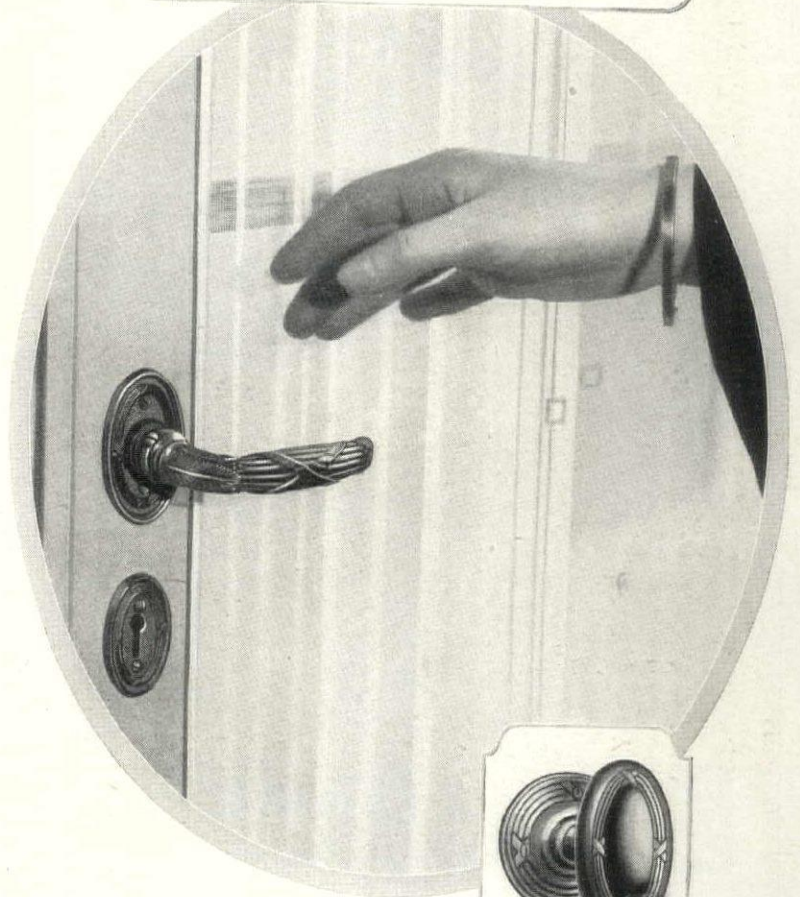
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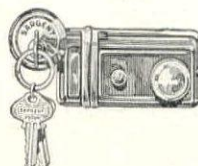
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The charm of this interior, which is the dining room of Sidney T. Strickland, Architect, of Brookline, Mass., is due to the use of a few beautiful objects, displayed against excellent backgrounds. The wall is a rather uneven texture of Craftex, neutral buff in color; the fireplace shelf and moulding are travertina built into the plaster and the tile floor has the color of dull red Verona marble. The shallow cupboards which were inspired by an old Queen Anne mirror are nearly flush with the wall, brown in color and with the red interior coated with gold leaf. All these surfaces are warm in tone but all are unobtrusive, and they enhance greatly the beauty of an excellent collection of Lowestoff, painted sconces, and early turned furniture.

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On House & Garden's Book Shelf

(Continued from page 110)

would scarcely choose that kind of furniture even for the smallest sort of country house. In one instance the author advises the use of all willow furniture in a bedroom; we would consider this pretty bad taste. She also speaks of using curtains and bed covers of crepe paper; somehow that sounds distinctly bad. It is also to be regretted that the photograph of Kate Douglas Wiggin's remodeled barn, to which there are allusions in the text, is not to be found among the illustrations.

TALL BEARDED IRIS, By Walter Stager, Privately Printed. There is no extent to which a flower lover will not go. He will labor prodigiously, he will wait patiently; he will even become a poet and burst into song. Mr. Stager is such a flower lover and the object of his arduous labors and song is the tall bearded iris. He has compiled and written a book that is the most complete on its subject. His researches on iris have extended over long years; consequently this book is the consummation of his efforts.

The first part of the book is devoted to "Iris in Song", a compilation of all the verse on the Fleur-de-Lis. In the second part is found practical data—planting iris, propagating, iris enemies and how to combat them, breeding and a symposium of iris varieties. This latter part is as invaluable to the amateur gardener as the first is to the gardener whose work makes a singing in his heart.

The book is beautifully illustrated and bound.

GARDEN COLOUR, E. P. Dutton & Co. These beautifully illustrated English books on gardening remind the reviewer of the story of the two amateur golfers who had just watched a professional make a hole in one. "Come on," said the amateur, "I'm tired of miracles." Well, the English are miracle workers in the garden. They have centuries of gardening behind them—and heritage counts for a lot. They have a damp climate, which most of these United States do not boast. Yet the American gardener into whose hands this remarkable volume—a new reprint of an old work—chances to fall will find many of the miracles explained. For, in addition to the remarkable color sketches and notes by Margaret Waterfield, each of the four stages in the seasonal progress of the garden

has been described by an authority. Mrs. G. W. Earle writes on Spring; E. V. B. on Summer; Rose Kings on Autumn and the Hon. Vicary Gill on Winter.

Since the initial appearance of this book there has been garden advance; that the professional reader will miss thus the chapter on climbing roses apparently was composed when Doris Perkins was first entering into favor. A great many more beautiful varieties are now grown both in England and America.

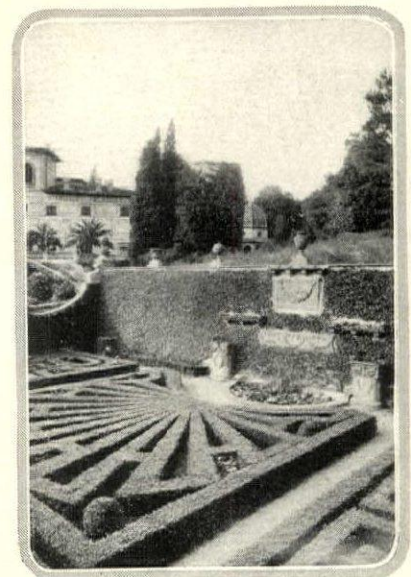
The chapter on winter effects might well be read closely by Americans because that is a phase of gardening which we made scarcely any progress to advance. Most of the varieties of plant material suggested are available in this country.

"Garden Colour" is a handsome book worthy a place among one's very gardening volumes—alongside of those of Francis King and Gertrude Jekyll and Clutton-Brock.

VILLAS OF FLORENCE AND TUSCANY, By Harold Donaldson Egleston, J. B. Lippincott Co. From an angle primarily architectural, here is a book which throws such light on Italian Renaissance as to be distinctly interesting to un-architectural readers and a book well worth its handsomely presented in gold and blue and fine paper and printing.

Its author, Harold Donaldson Egleston, is by no means unfamiliar to readers, and his long acquaintance with architecture, interior decoration and gardening, makes his text well-rounded, co-ordinated and informative. In chapters introducing the group of villas which he later describes and illustrates specifically, he successfully makes point that a degree of familiarity with Tuscan rural life in the 16th and 17th Centuries will aid in an appreciation of many larger aspects of Renaissance architecture in Italy, and of the design and building of many of the larger villas in other parts of Italy. He proves, too, that pictures quite as much as by text, much more of great interest and intimate knowledge of the period can be had from a study of the small villas and gardens than from the better known and oftener seen "great places." The text calls them "small places", which makes them seem familiar to the unwary reader than they really are.

(Continued on page 114)



Box plan at the Palmieri, Florence. "Villas of Florence and Tuscany"

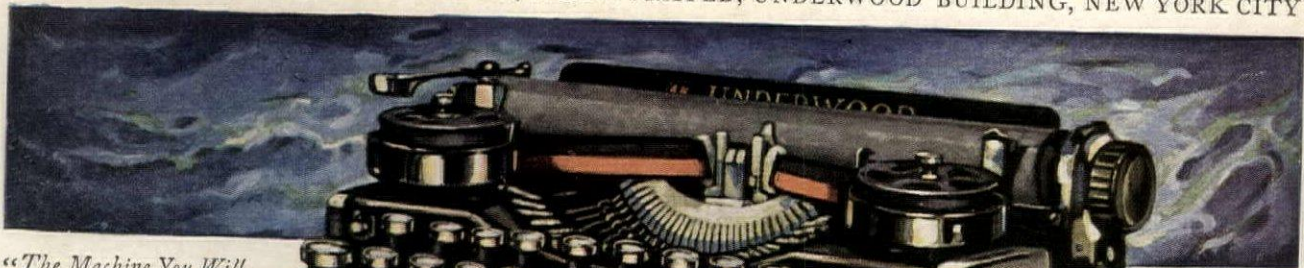


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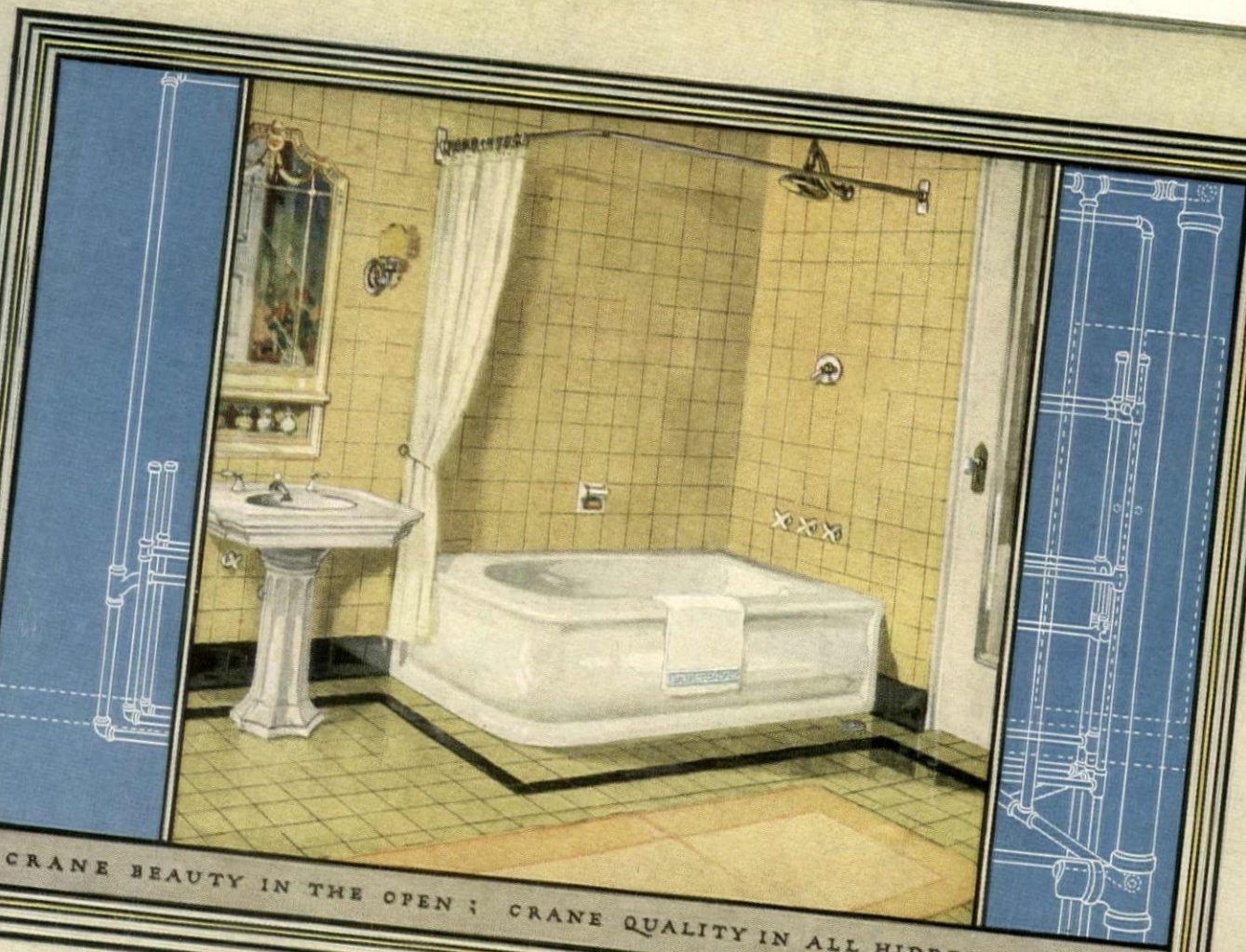
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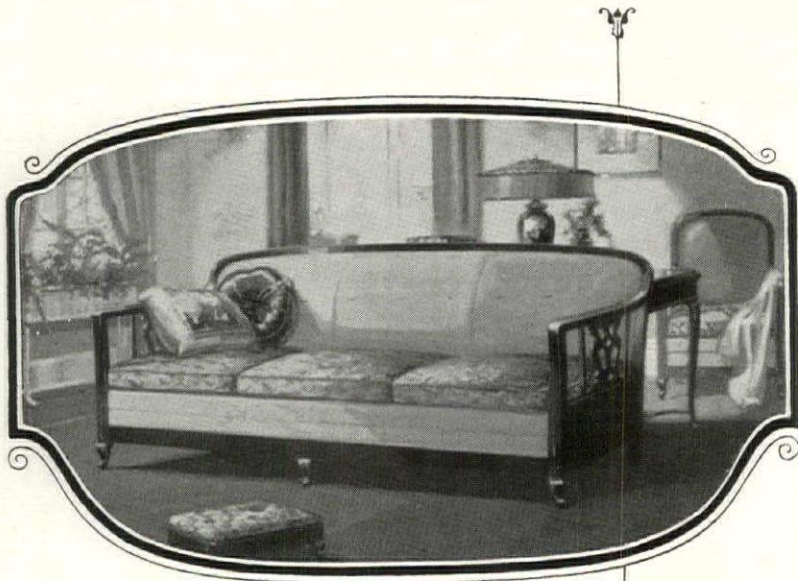
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On House & Garden's Book Shelf

(Continued from page 112)

In the matter of language, indeed, the reader is in for several jolly surprises, unless he knows his author. In the Foreword alone are disclosed joyaunce, demesne, shew place, purview and behoof—a promise of more in store later on—but perhaps it can be accounted for when the reader gets to the end of the Foreword and finds it dated "Whitsuntide, 1922". This is not a suburb of Philadelphia, which dignified name immediately precedes "Whitsuntide", but a time of year which most of us feel an uneasy necessity of looking up, if we want to know just when it was that joyaunce, behoof, and the other things tripped so blithely from Mr. Eberlein's pen. Many of us who are his best friends wish that he would let English books be published in England, and American ones here, and consequently spare us "colour" and "endeavour" and "connexion" and so forth.

But we can unqualifiedly affirm that his camera does not betray him into any of these affectations of the pen, or into the "double exposures" that often occur in the text. He has taken a generous number of excellent photographs, not only in this book but elsewhere. Among the Tuscan villa pictures not architects alone will get abiding pleasure from the illustrations of the garden gate of Cigliano, the garden and *cortile* of il Giojello, the north front of il Frullino, and all the Villa Capponi pictures. And best of all, the picture of the little walled garden of the Villa Pazzi, which is Plate 47, and too good to be missed even by anyone looking through the book casually.

There is always a vein of keen sympathy with old times, and old things in Mr. Eberlein's writing, and always a thoroughness which is interesting instead of being wearying. This book is well documented, and without a doubt opens a new vista for both the architect and the lover of things Italian. In addition to the descriptions of twenty three Tuscan villas, small and large,

unusually thoroughly illustrated, there are fine interesting chapters on the Tuscan villa as a type, before the 16th Century, of the 16th Century and of the 17th Century, a chapter on decoration and furnishing, and on "Garden Early and Late".

BOOK NOTES

Two of the volumes on House & Garden's Book Shelf this month contain author's obligations to the magazine for permission to republish material which has appeared in their pages. This is very encouraging. Publishers are realizing the permanent and significant value of the contribution in House & Garden. These two books are to be followed by three others that we know of.

H. Stuart Ortloff, the landscape architect, who has been contributing quite regularly to House & Garden, has just had accepted for publication a book on annuals, parts of which have appeared here.

Minga Pope Duryea, who has been contributing a series of articles on city gardens in London, Paris and New York, has just finished the manuscript of a book on this subject. The chapters have appeared mostly in House & Garden.

Mr. Wright, the editor, expects to have a book on flowers for cutting and decoration out this spring; of this the chapters have also been published in various forms and various issues of House & Garden.

J. Horace McFarland, whose contributions on various flower subjects have been found on these pages, is expected to have out shortly a comprehensive volume on roses. Readers of House & Garden will remember his contributions on bush and climbing roses published during the past two years.

SPRING PLANT ORDERING

THE time for garden-making is very near. Even though the day upon which you will receive this number of House & Garden may be cold and blustery, there will be little shy indications of spring in the air just the same. We hope, therefore, that your seed beds are already made and started and that your orders for trees and shrubs, for perennials and roses are already in the hands of your nurserymen. If not, do your ordering at once. Early shopping and early ordering is far more important for the garden than for Christmas. It is not only that it is always first come, first served, at nurseries but there are only a very few weeks of the spring in which it is desirable to move plants from place to place.

You can send in an order to a nursery with the understanding that they will supply you with the whole order whether they have the stock themselves or not. They will, then, do the shopping for you, collect the stock from various and sundry places and reship it to you. Generally speaking, I prefer to do my own shopping. All gardeners and garden-makers I suppose, have their own pet places where they buy plants. They seem to ferret out the best places for each kind of plant and for specially favorite plants and they get to know the quality of each nursery's stock. Plant shopping is just

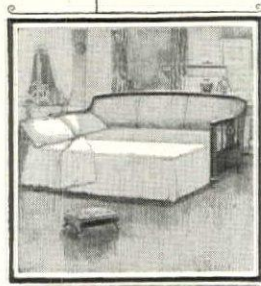
like any other kind of shopping, of course, you get to know where you buy to the best advantage.

I generally get my ordinary nursery stock of shrubs and trees from one big wholesale nursery and I know it there even though it is sometimes hundreds of miles from the place where it is to be planted. I know the reputation of the nursery and the extra grade of material they offer. I know I will never be disappointed in the stock and have no come-backs from clients. This stock, I know, will be true to name, well grown, well packed. I know that it can stand several weeks on the road without injury.

It is best to order from a reliable nursery with the distinct understanding that no replacing is to be done in case the stock dies. Many of the leading nurseries, now-a-days, never do replacing. Nurserymen who do replacing always charge it up to you on the bill you may be sure. You may as well take the risk yourself for if your material is well planted, has ordinary care and is fitted at all to your local conditions it will thrive.

For spring shipping of shrubs and trees it is best to order early with instructions to ship as early as the nursery thinks it advisable. The ex-

(Continued on page 116)



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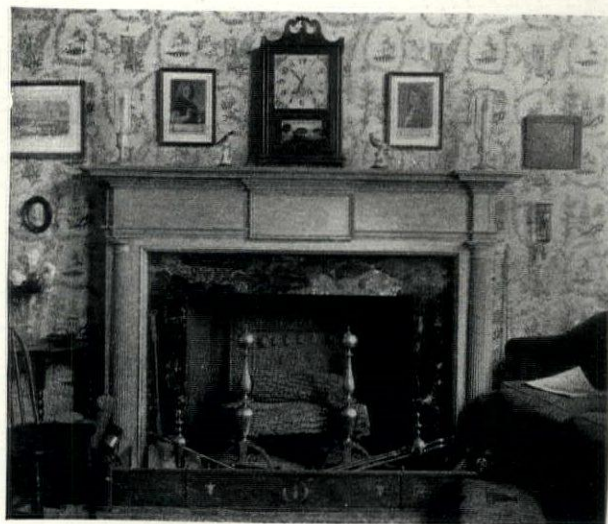
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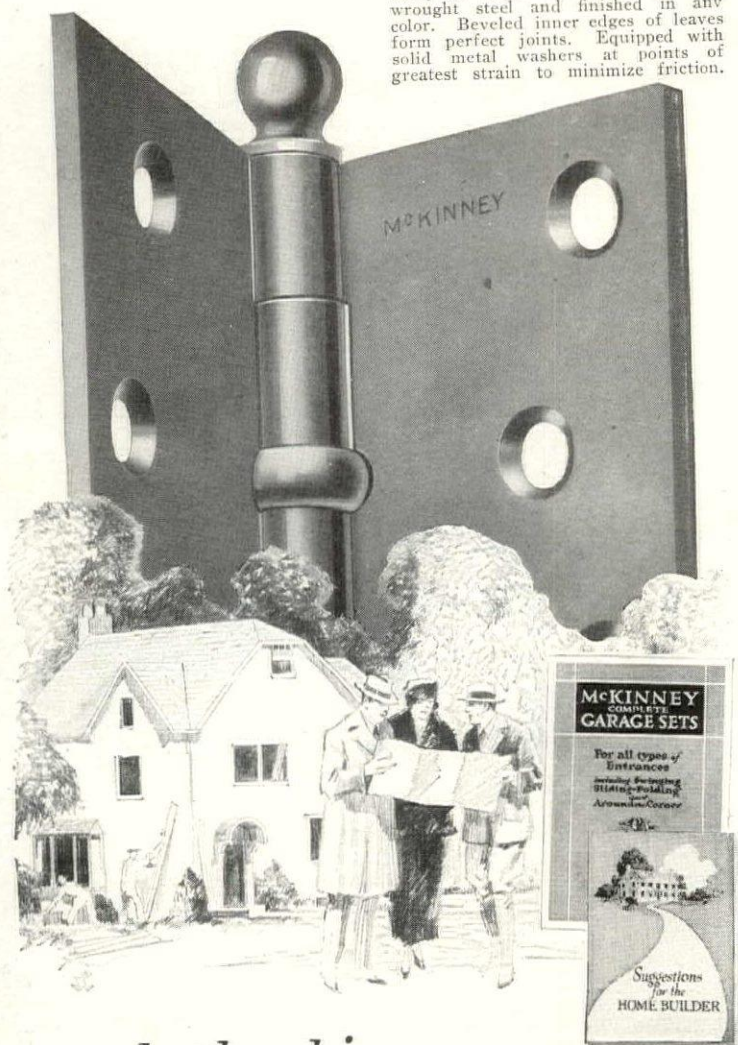
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Spring Plant Ordering

(Continued from page 114)

time varies with the weather conditions—the earliness or lateness of our spring, and depends on the location of the nursery. As a general rule you can ship plants from Massachusetts about two weeks later than you can from Pennsylvania. The stock should be dormant when shipped and stock is often retarded in a nursery to make it safe for shipping. Stock is sometimes dug in the late fall and stored in tan bark for the entire winter without injury to the plants. It is sometimes several weeks behind the shrubs and trees in your gardens but it soon catches up.

Unless they are shipped early it is not advisable to ship shrubs and trees by freight during the spring for the heat of packing is apt to start them into leaf during shipment and in case there is any delay they are apt to die back and retard the growth of the plants. In the fall, this is not so; the plants are going to sleep for the winter and in their dormant state can stand a great deal of abuse without injury. For spring delivery it pays to send by express or better still by truck if the order is big enough to warrant it. Shrubs and trees, too, can be moved about in full leaf if it is done quickly enough. Sometimes they can be balled for longer shipment. Digging shrubs one afternoon at the nursery, trucking it the next day, planting it on the third is really ideal. After the material has once been delivered at the place, however, it can be heeled in and left to wait its turn in the making of the garden.

NURSERY SIZES

You can get ordinary nursery-grown shrubs in 4'-5' or 5'-6' sizes which will give fair effects in a few years' time. Trees, I usually order in anywhere from 8'-10' to 12'-14' sizes according to kind and variety. A great majority of shrubs, if they are well-grown, do not need any severe cutting back when they are transplanted. Shrubs with fibrous roots are the easiest to transplant and do not require any cutting back. Other shrubs should be cut back in proportion to how much their roots have been disturbed in order to counteract the shock they have received. It is sometimes better, however, to thin a shrub by cutting whole branches away to the root than to clip back the branches. Most trees need clipping back though sometimes thinning out will do nicely, following the method used in pruning fruit trees. I seldom clip back dogwoods while I always clip back hawthorns. The latter are especially touchy at transplanting. Both dogwoods and hawthorns can now be bought with balls of earth and this is the safest way to buy them.

We are getting so used to having evergreens and all kinds of choice plant material balled that we wonder what happened before. It has revolutionized the whole art of transplanting for it can be done at unusual times. It has made possible, too, the big tree moving which seems quite too marvelous at times.

There are some nurseries who make a specialty of selling large and well developed shrubs. It is often advisable to buy these for special effects or for quick effects. I always feel it particularly worth-while to get large lilacs, and you can often get nicely shaped viburnums of many varieties, especially nice cornels of interesting shapes, unusual sizes of yews, extra specimens of azaleas which will add distinction to a newly made garden.

It hardly seems worth-while, though, to pay extra prices for special sizes, such plants as forsythias because they grow very fast. It hardly seems worth-while to buy big shrubs of many the more or less gardenesque shrubs that require vigorous pruning to keep them shapely and young in appearance.

NATIVE MATERIAL AND PERENNIALS

Certain native material like Viburnum dentatum and Cornus paniculata, huckleberry and spicebush, and many of the native azaleas can be obtained in what is called collected stock rather than from its native habitat. These shrubs are bigger and sturdier than nursery stock and are good for big areas. They are often more picturesque in outline than nursery stock and for that reason interesting for special garden purposes. For all woodland planting, too, collected stock is cheaper and more characteristic. Collected laurels and rhododendrons can be obtained by car or truck load at reasonable prices. For gardens and for particularly situations like the planting against a house, I like to get nursery grown laurels and rhododendron because they are apt to be fuller plants of regular shapes.

Perennials, I like to get as near the place where they are to be planted as possible, though the majority of perennials ship very well by express if the nursery is at all careful in packing. It is a real treat to see a crate of packed plants. Each individual is wrapped in paper, carefully packed in rows snugly together, each variety is separated from the next by an extra layer of paper; and sometimes a lot of the early things, like Phlox dichotoma, are already beginning to bloom.

I have found larkspurs, hollyhocks, anemone japonica, hybrid columbines among those plants that do not ship well. Hollyhocks I have found especially difficult to move because they are so liable to rot. Some plants, the anemones will lose their first leaves very often but they will recover and make very sturdy plants with a little care. I have never had luck with spring shipping of foxgloves and I have given up using Canterbury bells and other campanulas because of losses I have sustained in shipping them—unless they are grown right in the place. It is always gratifying to have seedling Hollyhocks on hand to find that the gardener's forethought has provided larkspurs and lupines, williams, columbines and lupines such material for a possible new garden.

The general run of perennials collected at almost any big nursery is all the fine distinctions in varieties, all the choice and new plants, lilies, that are the making of the garden and these must be shopped for in Vermont, again in Massachusetts, and Pennsylvania.

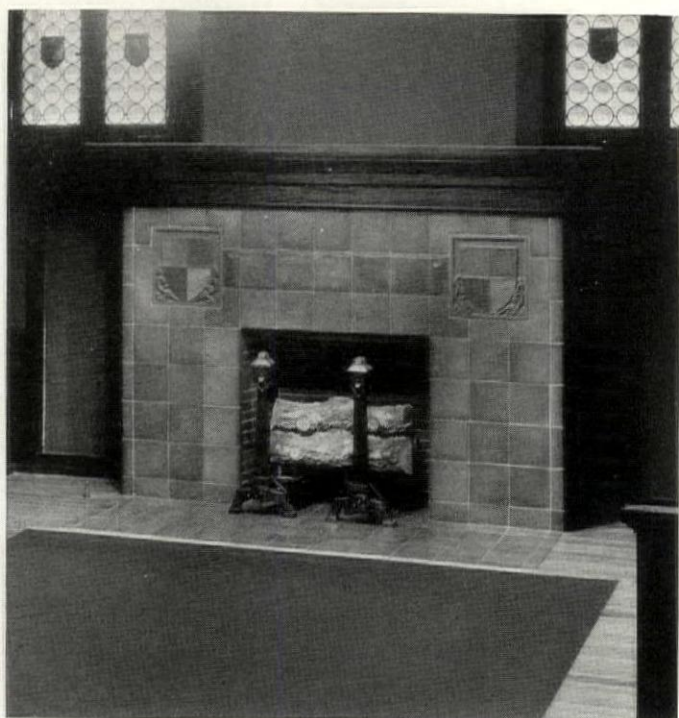
HOW TO ORDER

When you send your order, include a legend to it.

1—Give the date when you want the order sent. It is wise to give the nursery a bit of leeway in the spring is a busy time in a nursery. Unless there is a special reason for it, have the order sent early in the year so that the planting can be done. The plants might as well make good growth right on your place instead of waiting around at the nursery.

2—Specify the method in which you want your order sent—other

(Continued on page 117)



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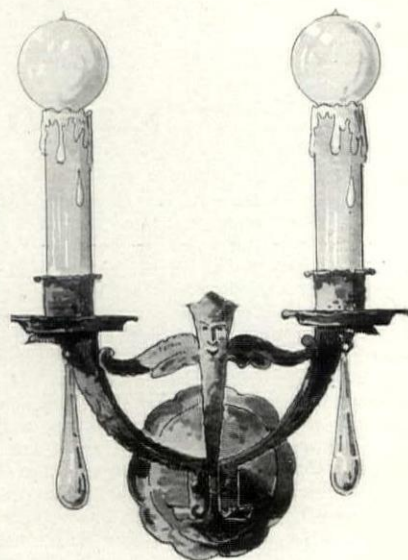
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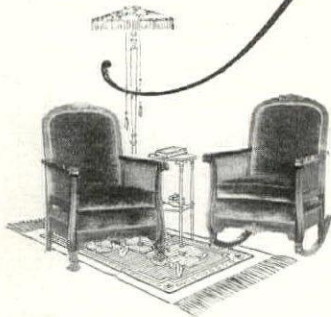
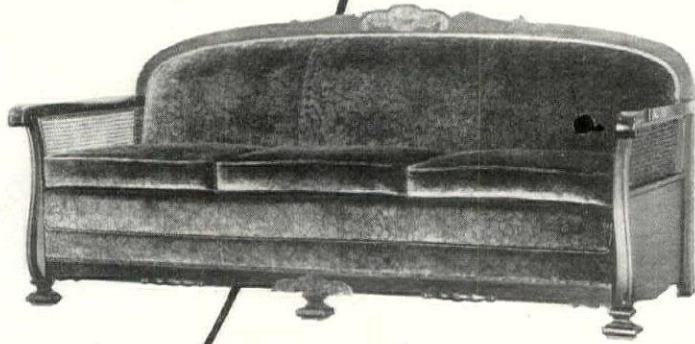


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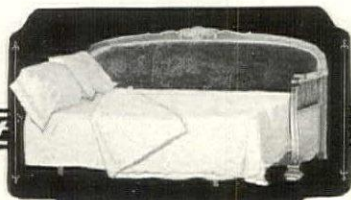
The low, soft cushion seat completely conceals a full size bed, yet gives no suggestion of its being anything but a gracefully designed, beautifully upholstered davenport. For every Northfield is the work of a Master Designer, and each detail of construction and upholstery is carefully worked out under close supervision.

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"The Davenport with a Secret" illustrates many Northfield designs. A copy will be sent on request together with the name of the nearest Northfield dealer.



Spring Plant Ordering

(Continued from page 116)

you can leave it to the nursery to decide.

3—Specify that you wish to be informed at once if there is anything on the list that the nursery cannot supply—otherwise you may find upon opening your shipment a red slip noting omissions when it may be too late to order from another place.

4—Make it clear that you want no substitutions. It is better for you to do the substituting yourself if you have to.

5—If you are a new customer, it often facilitates delivery if you send a number of references with the order.

HEELING IN PLANTS

If the plants cannot be planted at once, care should be given them. They should not be left waiting around in the boxes and crates. Potted plants tolerate this better than field-grown plants, I think, but in any case they may have been already several days or a week or more on the way. The plants either dry out or they become too heated in the paper wrappers and rot.

If they are not planted at once, it is best to see that the roots are protected by covering them with soil. The method of doing this neatly and correctly is called heeling in. For shrubs and trees a shallow trench is dug and the plants heeled in in an upright or slightly reclining position. Nurseries usually tie plants in bundles of five or ten and they should be left tied when heeling them in. Each variety is kept together according to the label and the labels are not to be removed. Shrubs and trees have their own characteristics even in a dormant state but differences in flower color, as in the case of lilacs, for instance, can only be told by the label and sometimes the minor differences in plant varieties are not always easy to distinguish except by a person rather well versed in such matters. For a novice a label is indispensable.

Herbaceous flower roots and plants are also heeled in in rows, each kind itself and the label is placed at beginning of each row. The unpacking should be done with care so that the various varieties of each kind of plant are not mixed up.

Plants should be thoroughly watered after being heeled in and allowed to dry out if the weather is warm. It is advisable to unpack shipment in sections to prevent roots from becoming dried out by the wind. In planting, as well, it is advisable to unheel too many plants at once, and if at all windy it is advisable to cover any exposed roots with burlap or similar material.

It is best to heel the plants in a shady spot convenient to the garden. Sometimes, it is best to use one of the garden borders for this purpose.

If any of the plants arrive in poor condition, if for instance the Lupines look a bit sick or the Anemones have lost their tops, it is much better to place them in a nursery row for recovery than to plant them directly in the garden.

These instructions may seem a bit too self-evident to you if you are a gardener but I wish I could tell you of all the various kinds of heeling I have seen. Plants are sometimes literally dumped into a bit of earth in rows are astonishingly zigzag, earth thrown so carelessly over that roots are left exposed. It is, then, a real joy to see a neat piece of heeling in. It helps, too, in the subsequent planting of the garden. Plants have a hard deal to stand on their journeys from place to place, uprooted as they are. It seems only fair to them to spare them any abuse one can. The one can do for them is to give them good treatment not only after they are actually planted but during the short time when they are awaiting their ultimate place in life.

ELSA REHM

SUNFLOWERS

FOR two or three years past my garden has been the scene of a rather intensive and in some respects a pariously extensive study of the prosaic sunflower. I say prosaic advisedly, for although the more or less current misconception, that the flowers of the Helianthus, like great glowing eyes, ever turn toward the bright star of day in his ordered flight across the sky, has long lent in the thought of the unobserving a measure of romance, nay a touch of poetry even to the genus, yet after this more intimate acquaintance I can honestly concede neither quality as rightly belonging to it. I hold with those philosophers who teach that poetry has no traffic with the bizarre, the fantastic as such and even less with the merely gross and well-fed, to both which classes the sunflower in the main belongs.

From remote infancy I had known (as who has not?) the occasional great sunflower of the annual garden, a ring of golden petals and a broad brown or yellow disk often measuring well over a span topping a gigantic buttressed column of pale green. These Goliaths of the garden were of course included in my experimental planting. We call them Russian sunflowers now-a-days, and the reason for doing so is of the classic Irish type, namely because they have nothing whatever in common with that trouble country. They are grown there to be sure, as they are in many

other parts of Europe, for the high oil content and the food value of the seeds, but Helianthus annuus all the fifty or so other members of the genus is a native of America. The best authorities regard South America more particularly Peru, as the original home of the common annual sunflower, and there is good ground believing that it was held in high esteem by the ancient sun-worshipers. It is however a far cry from the well known form of the flower to the beautiful varieties of the modern experimenter. A considerable revival of interest in the sunflower has been brought in recent years owing to the development of new shapes and remarkable extension of the color range.

Beside the deep yellow we have long familiar with we have now lemon yellows almost white in general effect and at the opposite end of the scale deep orange yellow, reds, and browns that are all chocolate in hue. Perhaps the most striking are the parti-colored pale yellow petals toning into many deep browns with glowing yellow. Then again a reddish zone will appear across each petal. The accompanying photograph shows seven blooms of various types. Possibly the most beautiful of these is the third from the right, a rich golden brown flower with pointed petals. They are beautiful.

(Continued on page 120)

VOSE

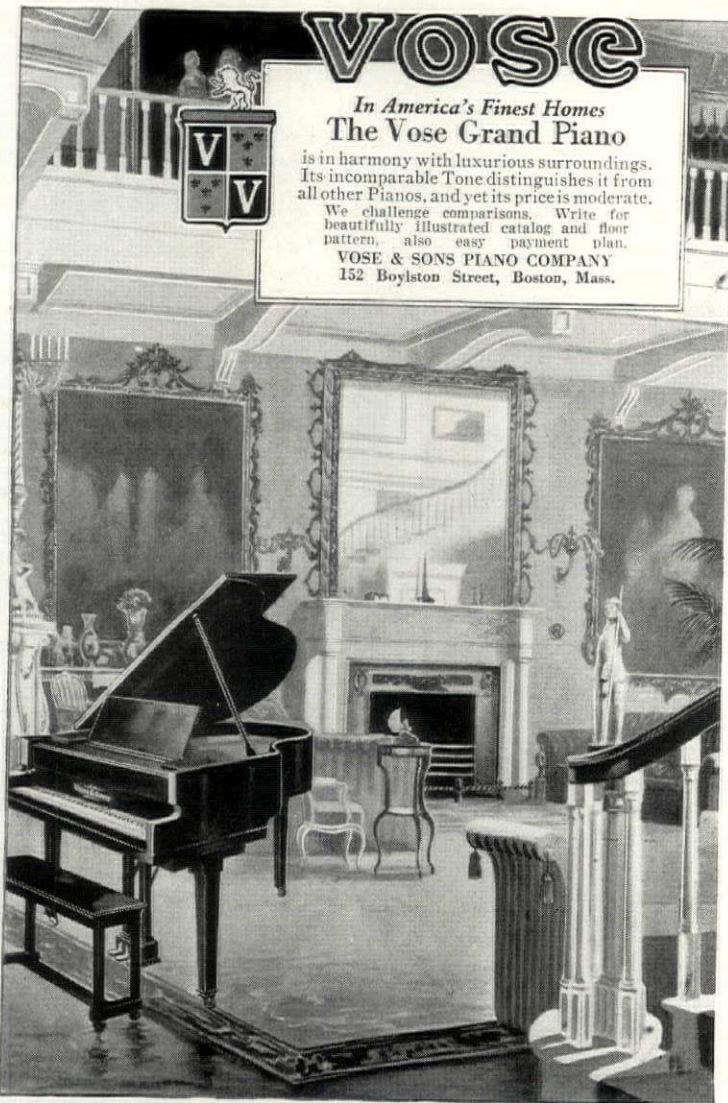


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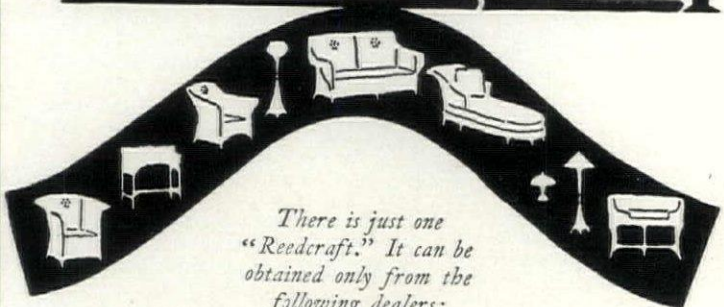
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Sunflowers

(Continued from page 118)



They Did This To find the way to prettier teeth

This is how millions found the way to whiter, cleaner, safer teeth. You see glistening teeth, as one result, wherever you look today.

The same free test is at your command. If you don't know this method, try it now. Watch the changes that it brings. Then judge by what you see and feel if you and yours should use it.

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It is film that makes teeth dingy—that viscous film you feel. It clings to teeth, gets between the teeth and stays. The film absorbs stains, then forms cloudy coats. Tartar is based on film.

Old-way brushing left much film intact, so beautiful teeth were seen less often than now. Tooth troubles were almost universal—most of them due to film.

Film holds food substance which ferments and forms acids. It holds the acids in contact with the teeth to cause decay. Germs breed by millions in it. They, with tartar, are the chief cause of pyorrhea.

So dental science has long been seeking ways to fight that film.

Two methods now

Two methods were discovered. One acts to curdle film, one to remove it, and without any harmful scouring.

Able authorities proved these methods effective. Then a new-type tooth paste was created, based on modern research. These two great film combatants were embodied in it.

The name of that tooth paste is Pepsodent. Today careful people of some fifty nations employ it, largely through dental advice.

Other new effects

Pepsodent brings other effects

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A scientific film combatant, which whitens, cleans and protects the teeth without the use of harmful grit. Now advised by leading dentists the world over.

which modern research proves essential. It multiplies the alkalinity of the saliva. That is there to neutralize mouth acids, the cause of tooth decay.

It multiplies the starch digester in the saliva. That is there to digest starch deposits on teeth which may otherwise ferment and form acids.

Thus every use gives manifold power to these great natural tooth-protecting agents. There has come a new era in dental hygiene.



Look in ten days

The way to know these benefits is to make this ten-day test. Then judge by what you see and feel. Let your own mirror tell you if this new way excels the old.

Send the coupon for a 10-Day Tube. Note how clean the teeth feel after using. Mark the absence of the viscous film. See how teeth whiten as the film coats disappear.

The effects are quick and convincing. Give to yourself and your family this chance to see and know them. Cut out the coupon below.

1001

10-Day Tube Free

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Only one tube to a family.

without question, yet they must, I suppose, remain always something of curiosities rather than legitimate garden material. They are too self-assertive easily to become part of the garden picture. Indeed in my own planting of them after the color range and the variety of form had been once noted, the chief interest lay in watching the gold finches firmly clutch the edge of the flower and hanging head downwards dig out and devour the fat seeds from the center. There is the ever recurring wonder of those geometric centers, yet, on the whole, they are for the birds, the children, the water-colorists, and Mr. H—ge and the madness of his whirling squares.

THE ANNUAL CLASS

In strict justness an exception should be noted here, and that is in respect to the small flowered, more finely branching sorts found in the annual class. Some of these especially those with narrow twisted petals are very handsome. One plant which appeared in a planting grown from a packet of seed of the newer hybrids attracted a great deal of attention in my garden. It grew only three feet tall and at one time carried upwards of fifty golden yellow, dark centered flowers averaging perhaps three inches in diameter. In its small foliage and branching habit it exhibited none of the coarseness of texture which we usually think of as belonging to the annual sunflowers as a class.

If we must leave these to an occasional appearance, perhaps among the vegetables in the kitchen garden, it is an entirely different matter when we come to consider the hardy species of the Helianthus. Here we find several subjects that will prove well-nigh indispensable to the informal hardy planting.

When several years ago I wrote a certain hardy plant specialist asking him to send on to me one root each of all the varieties of perennial sunflowers that he grew, I knew very little of what was in store for me. It was truly a surprise package I had, to be sure, known in a second hand sort of way more or less about the hardy Helianthus, but I had never grown them, and I never feel that I have come to know anything in the plant line until I have given it a first hand trial in my own garden. The roots and toe-like processes that I have since come to know so well, too well I fancy some one is saying, came, bearing a most formidable array of name tags. There were Helianthus Maximilliani, Multiflorus Maximus, Multiflorus Maximus flora plena, Rigidus, Mollis, Orgyalis, Miss Mellish, H. G. Moon, and the Wooley Dod.

Planted in a row in a trial bed (with me any plant with which I am at all unfamiliar has to spend a year at least in a trial bed before it can be admitted among the elect) they all lived and thrived and at their appointed times came into flower as the catalog maker had predicted.

SIMILAR TYPES

A considerable group of them showed both in character and flower a surprising and a somewhat disappointing similarity. These are of the same general type as the Wooley Dod, and of the whole class the Wooley Dod seems to me the most desirable member. The others come into flower a trifle earlier or later and may differ slightly in form. The Wooley Dod however blooms just when its bright golden color is needed to supplement the lavenders

and purples of the hardy asters and is well worth including in any planting designed to carry on through the fall of the year. Its good sized clear yellow flowers borne on graceful stalks from 4' to 6' tall, like the russet and yellow heliniums seem designed for this explicit purpose. Getting a good photograph of it I found a difficult matter. The plate and lenses necessary if one is to procure a picture which will give any idea of its clear bright color are so slow working and the flowers so continually in motion that satisfactory pictures are almost impossible to obtain.

Its one fault and a serious fault it is arises from its very strength and robustness. Once planted it will straightway set out to subdue your whole garden. All the while it is waving its bloom at you in apparent innocence it is stealthily sending its long underground shoots hither and thither in preparation for the next season's campaign. These have a way of burrowing beneath the surface and coming up in such numbers the following spring that drastic control from the very start is the only safe method of dealing with the Wooley Dod and with several other varieties of Helianthus that have this annoying habit. Every spring one must simply fork out the greater number of them and—well, I let them drop out a bit and put them on the next brush fire. The "Great Wooley Dod" is well worth having, but don't let it get the start of you.

THE BEST KINDS

And now we come to what I consider the pick of the Helianthus family, Mollis and Orgyalis, neither of which bear much resemblance to the foregoing habit or appearance. The broad, greyish-green, velvety leaves of Mollis lend it a quiet distinction and charm. The heart-shaped leaves are arranged in pairs and have an interesting way of folding up against the stalk as evening comes on. And this is the only movement I have noticed among the sunflowers that might be attributed either to the presence or absence of the sun heat. The commonly held belief that the flowers follow the sun and cast their lord when he sets the same lot that they gave when he rose arises. I have been told, from the fact that certain prairie flower sometimes call a sunflower has this characteristic. The common garden forms at any rate do not do so. The pale lemon yellow bloom of Helianthus Mollis appears rather loose sprays. The plant's general habit is neat and erect. It grows about four feet tall.

Orgyalis is perhaps the most distinctive in character of all the sunflowers. Its long folded graceful drooping leaves are arranged thickly the tall growing stalks and give the plant an almost tropical effect. As it grows to a height of four or five feet before flowering, which takes place in the fall, it has a distinct value in grouping at the back of the border. The smallish pale yellow flowers appear so very late that here in northern New York the frosts are quite likely to destroy them before they come to perfection.

Mollis and Orgyalis show none of the pushing and crowding propensities of most of the other Hardy Sunflower exhibit. They may be planted with fear that they will overrun the garden and become a nuisance.

During the past year or two we have heard considerable about a new acquisition among the perennial sunflowers Helianthus Angustifolius, introduced

(Continued on page 150)



What color would you choose for the floor of your hall?

If this were your home, would you use a floor which matched the mahogany finish of the stairs—or would it perhaps be better to seek the relief of a complementary color—or to take for the theme of your decoration, the golden sunlight which plays through the open French doors?

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Durycr

Although they are being used in almost all types of houses, hooked rugs appear at their best in a room that is finished and furnished in the Colonial or cottage manner

HOOKED RUGS

THE multitude of things in heaven and earth undreamed of in Horatio's philosophy seems almost numerically matched by the things antique and curious which year after year discovers to us.

We imagined we knew about all there was to know of Chinese ceramics, when lo! the pottery of T'ang leapt to our attention.

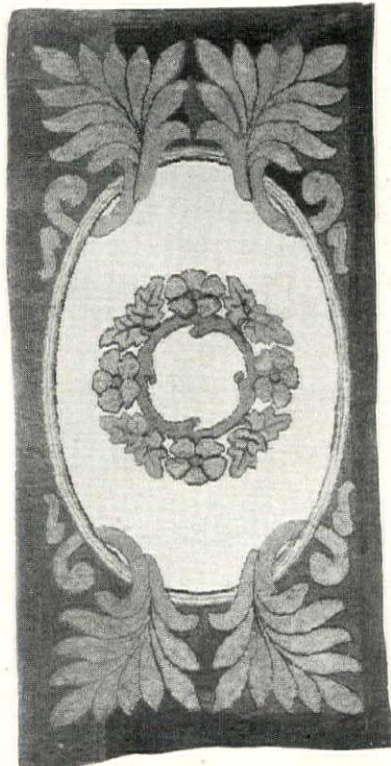
It is so, too, with our "discovery" of the hooked rug. A decade or so ago collectors knew little or nothing about them, although they had been in our careless midst for half a century and more, and before our eyes, not hidden by desert sands and in Celestial tombs of T'ang!

Perhaps a decade ago the mid-19th Century did not seem sufficiently remote to us to lend enthusiasm to other

than our quips at mid-Victorianism for which mid-Victorianism should, instead, (as I think we have been coming to see) have been eternally grateful. The hooked rug is one of the pet Penates of that period. The hooked rug could claim no great antiquity; instead it must have been looked upon by those of the period as the elegant pages of "Godey's Lady's Book" as a delightful novelty, come to gladden the hearts and hearths of the 1850's and thereabouts.

I have seen hooked rugs from Vermont, New Hampshire, Maine, Massachusetts, Rhode Island, from the South and from Canada whose dates have been affirmed by their owners to range from 1700 to 1840. But in not one of these instances have I been able to find an authenticated hooked rug dating the mid-19th Century. This is

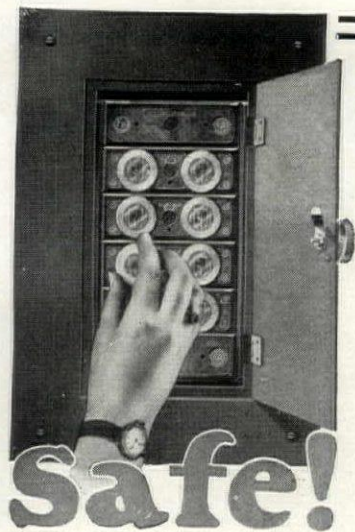
(Continued on page 124)



An American hooked rug of good though fairly recent workmanship—an oval field with a floral chaplet



Made in Massachusetts, a geometrical design in diamonds with pink and geranium decorations in alternate rows



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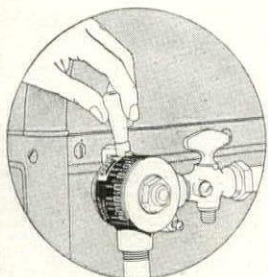
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BE SURE THE ROPER PURPLE LINE AND THE ROPER OVEN CONTROL ARE ON THE GAS RANGE YOU BUY
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A sea eagle on a rock, with a gray Maine sky behind, is surrounded by a border of brilliant blue, red and orange. This and the other illustrations are shown by courtesy of the Anderson Galleries

Hooked Rugs

(Continued from page 122)

not lead one to dismiss hooked rugs as lacking in interest, for, more and more, we are coming to realize that our collecting eye can take pleasure in objects made by American craftsmen of that day.

In a recent catalogue of old hooked rugs issued by the Anderson Galleries, New York, appeared these verses, stated to have been found in an old New England attic. While I suspect the attic to have been older than the poem, it is interesting as perhaps a unique bit of hooked rug poesy, and it suggests, what undoubtedly is a fact, that hooked rugs, like the silk "crazy quilts" of yore, were often composed of bits of fabric having sentimental attachment like the uniform of the Bunker Hill hero mentioned in the following:

THE REVOLUTIONARY HOOKED RUG
"When Dad came back from Bunker Hill,
And the colonies were free,
He hung his musket over the shelf
And his sword on the saddle tree.
His officer's coat and his soiled buff vest,
His pants and his muffings snug,
He lovingly laid on Granma's lap,
With his old red mits and his woolen cap.
To be put in a grand hooked rug."

"The rug was hooked on a linen ground,
With a border of roses red,
And there and here it was splashed with a tear
For her boy who had fought and bled.
Lexington, Concord, and Valley Forge,
till Monmouth's bloody fight,

'Twas there he fell in a fire of hell,
When victory was in sight.
We have cherished that rug for many a year,
No foot on its flowers would tread,
'Twas Granma's monument to her boy,
Who for liberty fought and bled."

The author of these lines was not given, but we can I think, safely assume that they were not from the pen of Whittier, Bryant or Longfellow. The chronology they suggest is not quite so convincing as that of the really delectable but unblushingly truthful rug, dated 1895 which was mentioned in the same catalogue and on exhibition, a rug measuring 30 x 40 inches, the remarkable handiwork of a Braintree, Massachusetts lady of some ninety summers, "hooked" by her as a birthday gift for her great-great-grandchild.

Hooked rugs, taken as a whole, very definitely proclaim their period. A certain "flamboyance" and "exuberance" in design, such as the hooked rug generally presents, is in no sense compatible with the pre-Nineteenth Century spirit in American textiles. I have seen hooked rugs bearing "architectural" designs and credited to the 18th Century although their motifs clearly betrayed design origin in the architectural style of the post-Civil War period. I do not wish to say that there are no such things as 18th Century hooked rugs or that the art of "hooking" was unknown before the 19th; I can only say that I have not seen any authentic pre-Revolutionary hooked rugs, and that

(Continued on page 150)

Made in Bangor, Me., a cat and kittens playing on a yellow hearth, with a black border



A fairly recent design, made in Braintree, Mass. by a lady of ninety. The border is of roses



Where There Are Smokers

there are ashes and often untidy ash-trays. But they don't remain untidy in the home that's Kernerator-equipped. For the Kernerator thrives on cigar ashes, broken crockery, wilted flowers, tin cans, garbage and other household refuse. Dropped into the hopper door in the chimney flue, they fall into the brick incinerator below. Non-combustibles are removed with the ashes. No operating cost, for the refuse, itself, is the only fuel required. The Kernerator saves time and steps, eliminates the unsanitary garbage can, prevents the collection of inflammable refuse. What other household convenience serves so well?

Ask your architect or write for the interesting, illustrated Kernerator booklet.

Kerner Incinerator Company
1025 Chestnut Street Milwaukee, Wis.

KERNERATOR
Built in the Chimney

Reg. U. S. Patent Office

A work of Art, Sent on Approval:—Return in 5 days if not satisfactory; Your deposit will be refunded in full. No money need be sent with Coupon.

IF only one like it had been made, this exquisite Greek Pompeian Floor Lamp would have cost rather more than three thousand dollars. The League can produce it for less than one-hundredth of that price, because its membership is so widespread, and because it can reach its members so quickly.



5 feet high. Finished in rich Statuary Bronze
Total Price \$19.85

Compare Thoroughly. That is Why This Lamp is Loaned to You

After you have received this lamp, we ask that you visit the art importers, the jewelers, the large stores and the commercial electric showrooms. See if you can find any lamp that, at twice or five times this price, even approaches it in artistic perfection.

We do no "selling" in the ordinary commercial sense. This is all the "selling" that the League has ever needed for any of its productions. The lamp must sell itself to you, on your own judgment and comparison.

If it does not... SEND IT BACK—any time within five days. We will return your deposit at once and in full, and you will be under no further obligation whatever.

If we could think of any pleasanter, fairer, more confident way to offer the League's productions we would do it,—but we can not.

When we send you this lamp we will also, if you wish, register you as a Corresponding Member of the Decorative Arts League, it being distinctly understood that such membership is to cost you nothing, either now or later, and is to entail no obligation of any kind. It simply registers you as one interested in hearing of really artistic new things for home decoration.

This low price is a test

This lamp was designed to sell for \$36. We want to see if, by offering it at a much lower price, we can secure enough orders to cause a great saving in the cost of production and distribution, and without a loss to the League. So, as an experiment, we are offering it at \$19.85.

For the present, this is only an experiment. We cannot guarantee that the price will not be raised. Your Approval Request should be mailed at once.

Decorative Arts League Inc., 175 Fifth Avenue, New York
A regularly incorporated and self-supporting organization, operating on a strictly business basis to enable lovers of beautiful things to have the advantages of united purchasing.

DECORATIVE ARTS LEAGUE
175 Fifth Avenue, New York City
Please send me the Greek-Pompeian Floor Lamp and I will pay the carrier \$3.85 (deposit) when delivered plus the transportation charges.

If not satisfactory I can return the lamp within five days of receipt and you are to refund my deposit in full.

If I do not return it in that time I agree to purchase it at the special introductory price of \$19.85 and will send \$4 monthly from date for four months; the lamp remaining your property until fully paid for.

Signed.....
Address.....
City..... State.....

LOANED

for your examination and comparison—the League's only method of selling.

Hand the carrier the postage and **\$3.85**

Deposit (Returnable)

Note the new and clever dual-purpose shade; an exclusive D. A. L. idea. Can be used without any draping. Is hand-somely decorated. At the same time it is the ideal frame on which you can make silk covers in limitless variety.

Lamp is about 5 feet high. Finish rich Statuary Bronze. Base and cap cast in solid M-dallium. Upper shaft is seamless brass. Shade is parchment, brass bound. Outside decorations in three colors: top and bottom bands in deep red; design in dark green; background graded in brown.

Inside reflecting surface is delicate pink. Gracefully curved arm is pivoted at the shaft so that the lamp can be raised or lowered with a single touch.

Another pivot enables shade and bulb to be tilted to throw light at an angle. Fifteen feet of cord, with two-piece attachment plug. Wiring is inside the shaft and arm.

Complete, ready for the bulb. Weight packed about 22 pounds.

A painter, a sculptress and a noted decorative expert collaborated in the design of this lamp.

The result is a design of dignity, richness and grace, which at once distinguish it unmistakably from the ordinary commercial products of factory "designing departments."

(The lamp cannot be sent on approval outside Continental U. S. A.)

Please enter my name as a Corresponding Member without cost or obligation.

I am a reader of HOUSE & GARDEN Feb. 1923.



Dining room suite of nine pieces, American Walnut throughout, retailing at \$497. Courtesy, New England Furniture Co., Minneapolis, Minn.

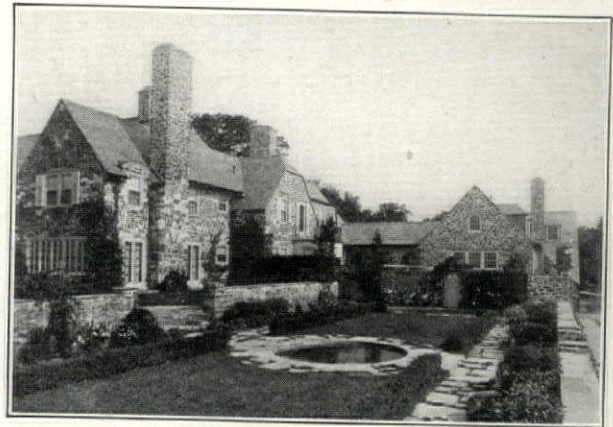
Nature Colors Your Walnut

THE warm brown of American Walnut, the limpid depth of color so universally admired, were put there by slow working processes of nature, not applied by man. Hence walnut does not show dents, scratches, dull spots, as artificially colored woods are prone to do. And Walnut's varied patterns come from the same hand, giving your dinner table its own unique design.

Unfading beauty, durability, unchanging stability have made walnut the king of furniture woods down the ages. Good furniture has always been made of walnut.

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Hartford, Conn.

Smith & Bassett
Architects



LOW, rambling buildings, sunken garden, flagstone walks and Tudor Stone roof—all combine to give this residence the true feeling of home.

Tudor Stone, owing to the many colors, shades and textures in which it may be obtained, provides the ideal roofing material for many types of architecture.

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Four out of Five is Pyorrhea's Toll



Nature warns with bleeding gums

When Pyorrhea comes, the teeth loosen, and drop out or must be extracted. Pus-pockets form at the roots and poison spreads throughout the system.

Comparatively few persons are immune. Statistics show that four out of every five past forty, and thousands younger, are subject to this sinister disease.

Heed Nature's Warning

At the first sign of Pyorrhea, Nature gives her danger signal—tender gums which bleed easily when the teeth are brushed.

Fortunate is he who heeds that friendly warning; his teeth may be spared, while he who neglects that admonition may pay the extreme penalty.

At the first sign of tender, bleeding gums, go to your dentist for teeth and gum inspection and start using Forhan's For the Gums at once.

Forhan's For the Gums is the scientific formula of R. J. Forhan, D. D. S. If used consistently and used in time, it will prevent Pyorrhea or check its course.

In addition to its efficacy in the treatment of Pyorrhea, Forhan's For the Gums is an excellent dentifrice. It contains nothing but the most beneficial ingredients that keep teeth white and clean and the gums firm and healthy.

Remember, statistics are all against you. Science proves that four out of every five are doomed after forty. For that reason it is good health insurance to start using Forhan's For the Gums today.

Forhan's For the Gums is sold by druggists everywhere. Start a good habit today; the habit of strict oral hygiene. Go regularly to your dentist and brush your teeth twice a day with Forhan's. 35c and 60c in tubes.



Forhan's
FOR THE GUMS
More than a tooth paste — it checks Pyorrhea

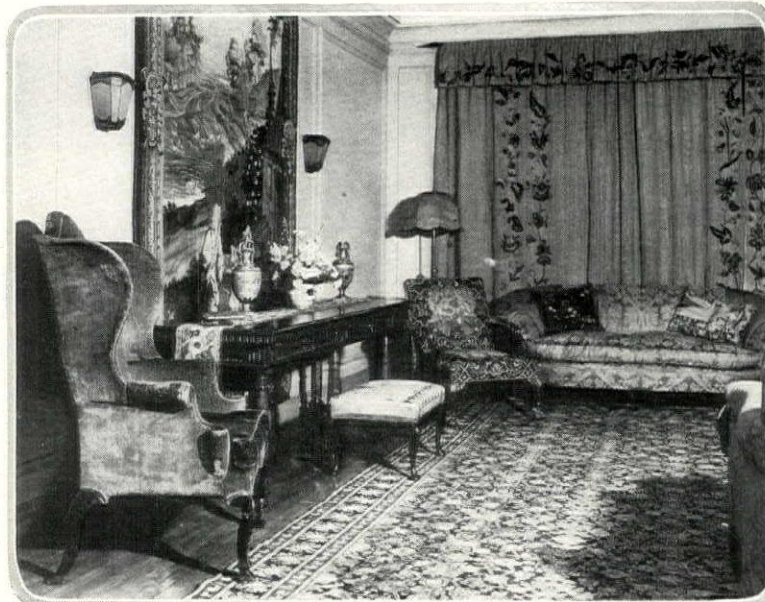
Formula of R. J. Forhan, D. D. S.
Forhan Company, New York
Forhan's, Limited, Montreal



M. E. Hewitt

The furniture has been unusually well placed in the little drawing room above. There are two distinct groups—the fireplace and desk. Nancy McClelland was the decorator

FOR THE DECORATOR'S NOTE BOOK



Harting



Northend

Walls the color of ashes of roses are charming with the tapestry and crewel work curtains in the room in the center. Karl Freund, decorator

No type of floor covering equals the dignity of an Oriental rug in a paneled room furnished with sturdy English or Italian pieces



ENGLISH CASEMENTS and Windows for banks, offices, schools, hospitals, etc.

Residence of Mr. E. H. Butler, Grosse Pointe, Mich. Bryant Fleming, Architect

CRITTALL

Steel Casements

for artistic residences and other substantial buildings

Made in varied designs to meet all conditions

Crittall Casement Window Co., *Manufacturers*
DETROIT



WRETCHED WEATHER!

What's the use of standing three months of slush and chill and raw winds, when, in two weeks from this very day, you might be one of the brightly-clad idlers enjoying an aperitif on a terrace overlooking the sun-bright Mediterranean?

Visit the Riviera, now, with your trip planned, your tickets bought, your luggage insured, your French sport clothes shopped for, your hotel reservations made, and your courier supplied by the PARIS INFORMATION BUREAU of VOGUE.

There is no charge for this service. It is only a small part of Vogue's desire to give pleasure to its American readers when travelling abroad.

When planning your trip, consult the Nast International Travel Bureau, 19 West 44th Street, New York; when abroad, visit the Vogue Paris Information Bureau.

PARIS INFORMATION BUREAU
2 rue Edouard VII, Paris



Laboratory tests have proved that Formamint actually kills throat germs

If you could see the germs in your throat

WHAT the naked eye cannot see, the microscope reveals—literally millions of germs even in a healthy throat.

You should realize the hidden danger of infection which may become real the moment weakness or exposure breaks down the resistance of the body.

Use *Formamint*, the germ-killing throat tablet, to destroy the germs of infection that ever seek to invade your system by way of the throat.

Little tablets, scientifically compounded, pleasantly dissolving in the mouth, release a powerful, yet harmless germicide that penetrates with the saliva into every fold, nook and crevice of the throat, checking germ growth, killing germ life with never-failing thoroughness.

If you have a weak or irritated throat, Formamint will soothe and relieve it. Whenever there is danger of infection, Formamint will help protect you.

Formamint

GERM-KILLING THROAT TABLETS

Formamint is our Trademark—It identifies our product

Send for trial tube

Special metal pocket-carrier containing 10 Formamint tablets mailed on receipt of 4c in stamps or coin. Address The Bauer Chemical Co., 121 W. 18St., New York, N.Y.



A Scientific System of Garbage Disposal

The Ranz Garbage Destroyer is far more than an incinerator. It is a scientific system for the sanitary disposal of garbage in homes, hotels, apartment houses, hospitals, public institutions, parks and playgrounds.

Without odor or muss, all waste is destroyed by the Ranz. Dump in all the wet or dry garbage, rubbish, etc. All combustibles are quickly reduced to sterile ashes and non-combustibles thoroughly dried and sterilized. Nothing can produce clogging and the Ranz sterilizes itself with each burning.

Do away with the unsightly garbage pail—its disagreeable odors and swarms of insects—an ideal place for the breeding of dangerous disease germs. Make your entire place more sightly and sanitary by installing a



Ranz Garbage Destroyer

Make yourself independent of the costly, unreliable method of having garbage hauled away which gives strangers an opportunity to prowel about your premises.

The Ranz is built for lifetime service. Satisfaction guaranteed or money back.

Easy to Install

The Ranz is easy to install and operate. Place it in the basement or outdoors. Takes up little space and looks well anywhere.

Mail the coupon today for prices and literature.

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You rinse in sparkling sprays of clean, fresh water

And the bath itself—a few seconds under the shower—a good soaping with your Ivory, Lifebuoy or some other cake “that floats” or “fits the hand” and then—the swish of cleansing sprays as they hiss their way through the shower head—massaging your skin and rinsing out each pore with fresh, running water—it all takes only a couple of minutes.

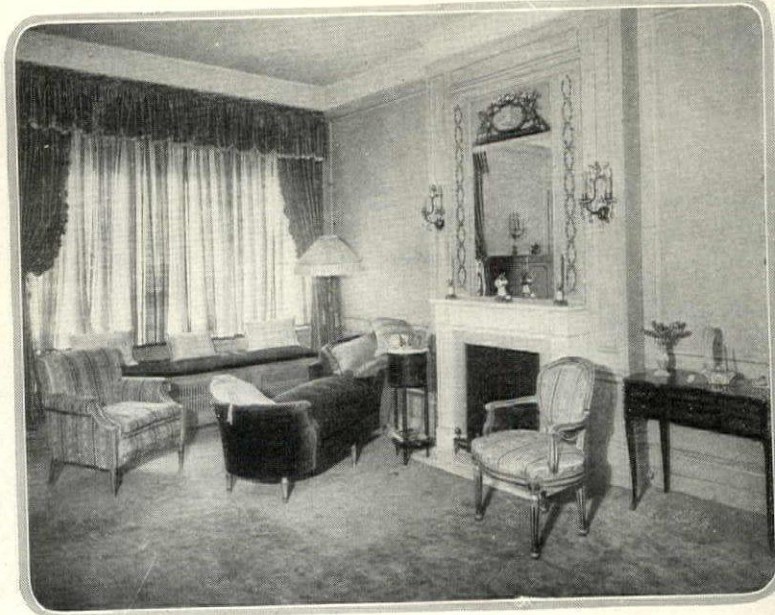
Of course, to get the most out of your shower you should be able to regulate it instantly—both volume and temperature.

The Anyforce Head, found only on Speakman Showers and the Mixometer, another Speakman time-tested product, give you these advantages.

If you would like to know more about Speakman Showers, write us, if your plumber does not happen to have a folder on the shower in which you are interested, also ask your architect about Speakman Showers.

SPEAKMAN COMPANY
WILMINGTON, DELAWARE

SPEAKMAN SHOWERS



The wide window above with its cushioned seat and soft hangings of silk and gauze makes a charming background for the chaise longue group and chintz covered chair. Mrs. Stembridge Smith, decorator


**FOR THE DECORATOR'S
NOTE BOOK**



An ideal arrangement for a library consists of a sofa in front of the fire with a large table behind it. Mrs. Smith, decorator

A hall in early English style has plain walls, dark woodwork, and chintz in Jacobeanli Marguerite C. fee, decor





Pickles in Patterns

*Just one example
of uniformity
in food preparation*

EXAMINE closely a jar of Heinz pickles. They look good to eat, yes—but note the arrangement of the contents. Everything placed *just so*.

Now look at another jar. It shows the same uniform pattern. You can't tell them apart. And any number of jars, each packed by a different girl, show the same orderly, tasteful arrangement.

The neat, prim, white-capped "Heinz girls" do this very skillfully and rapidly. Visitors to the Heinz spotless kitchens marvel at their deftness.

This uniformity in packing is proof of a still greater thing—the uniformity of the products which are packed. It speaks volumes for the care in sorting and selecting.

And the Heinz principle of uniformity goes still further. It is uniformity of grade and quality as well as of size—uniformity in every phase of preparation. Any one jar of pickles or any one can of beans is exactly as good as any other jar or can. The uniform quality and taste of each of the 57 Varieties is something which can always be depended upon.

The reason is not only high standards of food preparation—but cheerful loyalty to these standards by the men and women who do the preparing.

H. J. HEINZ COMPANY

57
Varieties

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“Standard”
PLUMBING FIXTURES

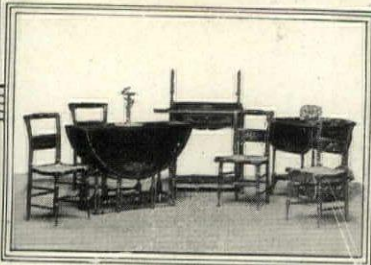
“Standard” kitchen sinks, “yard stick high,” provide comfort and prevent back-strain. How high is yours?

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Allows the purchaser the exercise of individual taste in finish and decoration.

One may select colors or figured decorations to harmonize with other surroundings or interiors, and thereby realize the satisfaction of having aided in their creation.

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Pull Wall Switches are made with Brass, Nickel or Silver Pendants, Silk Cord and Tassel Pulls, Flat Silk Pulls—8" or 56" in length.

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56" Silk Pull with Switch Plate Concealed by Wall Covering

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You don't build a home in order to sell it, of course, but if you ever do want to sell you will find that your investment has been fully protected if you have chosen **birch** for your interior woodwork.

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Sent on receipt of price or C. O. D. with \$20 deposit. Plates of other antique reproductions on request.

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DEPT. G



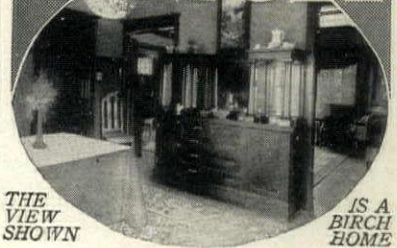
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"Home Kraft" and "Draughtsman" each contain Bungalows and Two Stories. "Plan Kraft" Two Stories. "Kozy Homes" Bungalows. \$1.00 each—all four for \$3.00. De Luxe Flats \$1.00

DE LUXE BUILDING CO.
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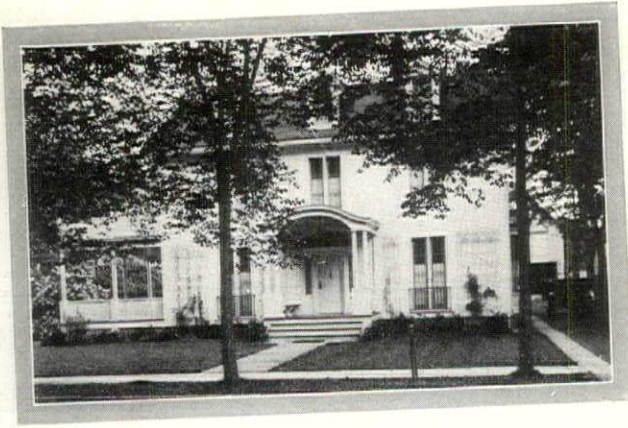
Find out about birch



THE VIEW SHOWN

IS A BIRCH HOME

For the Decorator's Note Book



Residence of Hart I. Seeley,
Waverly, N. Y.

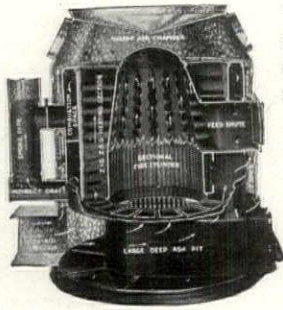
Miller & Mallory, Architects,
Ithaca, N. Y.

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- Does it give ample heat at a low fuel cost?*
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The Kelsey Warm Air Generator does all of these things to a remarkable degree. We do not ask you to simply take our word for this, but to judge for yourself after talking with people who have used the Kelsey Warm Air Generator for many years. There are sure to be some in your vicinity, and we will give you their names.

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Valances of old English chintz are used over hangings of green moire in the dining room above. Mrs. Gillette Nichols, decorator



The room above has pale green walls, wine colored hangings and a chair in chintz. Diane Tate and Marian Hall, decorator.

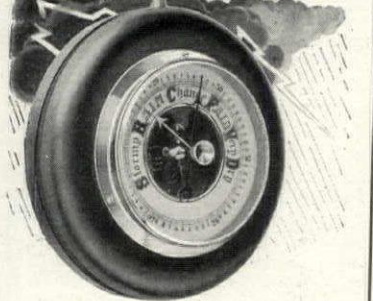


The dressing table is here placed between windows so that the light falls evenly for both sides. Mrs. Stenbridge Smith decorates



The bay window at the end of this drawing room is curtained in an interesting manner. Thin gauze is used next to the glass with over curtains of soft taffeta. If one wishes to shut off the bay entirely, the heavy curtains in the front may be drawn. Nancy McClelland was the decorator

Be Your Own Weather Prophet

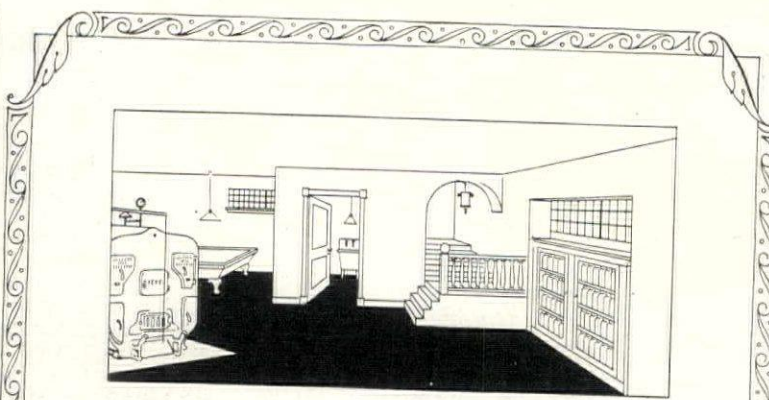


Own one of these reliable Barometers and know each day any change in the weather from 8 to 24 hours in advance. Scientifically constructed, attractive in appearance. Mounted in a wooden case, finished in Mahogany, Oak or Flemish; enamel dial protected by a heavy bevel glass front. Size 5 1/2" in diameter.

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This Barometer makes a highly prized and lasting remembrance. Very useful and interesting. Fully guaranteed; postpaid to any address on receipt of **\$5.00**

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Surlight is an entirely new process enamel-paint. Easily applied by anyone—your yardman can attend to it. It dries with a high gloss, hard as tile, and can be easily washed throughout its many years of service, restoring original brilliancy and whiteness. Ideal for white woodwork, wainscoting, garage and stable interiors, closets, attics, hallways, etc. Tell us the approximate space to be covered—we will be glad to figure quantity needed, and quote price.

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The beauty of stucco is fadeless; the Concrete block walls are permanent and fire-safe. And they insulate your home against heat and cold.

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Enclosed is 50c for which please mail me your Plan Book, "Concrete Houses."
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This Dutch Colonial



Twelve Rooms **\$1932**

the lumber for this 12-room home is to fit by the Aladdin System (not table). Proved savings of over 18% in lumber and up to 30% savings in labor. Ask your nearest Aladdin neighbor. Aladdin homes are warm, long and lasting—built everywhere. Thousands of satisfied customers.

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A Success for 15 years

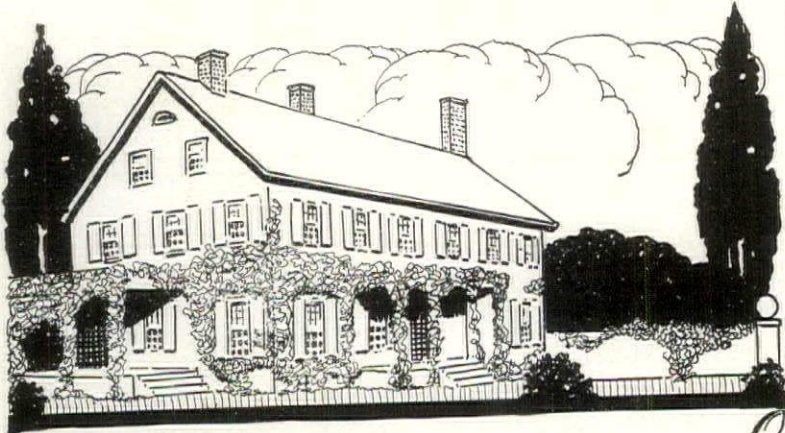


Imperial Sanitary Floor
Put on like Plaster
Wears like Iron
waterproof
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resilient
noiseless
dustless
one solid piece

A composition material easily applied in plastic form over practically any kind of floor. Laid about 3/8 inch thick. Imperial Floor does not crack, peel or come loose from foundation. A continuous, fine-grained, smooth, non-slipping surface. No crevices to gather grease, dirt, dust, disease germs or moisture.

Ideal Floor for Kitchen, Pantry, Bathroom, Laundry, Porch, Garage, Restaurant, Theatre, Hotel, Factory, Office Building, Railroad Station, Hospital—wherever a beautiful, substantial floor is desired. Several practical colors. Full information and sample FREE of your first and second choice of color.

IMPERIAL FLOOR CO., 106-108 Halstead St., Rochester, N. Y.



A Touch of Red in Winter —Green the Year Round

GREEN leaves decked with red berries, in a lawn of snow—berries, bright red berries that give warmth and cheer to the winds of winter, covering buffeted outer walls with a mantle of loveliness—that is

Evergreen Bittersweet

—a vine whose hardiness and irresistible charm have captured the hearts of all lovers of growing things.

No other vine is half so beautiful and none more hardy than Evergreen Bittersweet (*Euonymus Vegetus*), whose gorgeous red berries and evergreen leaves climb to a noble height in the severest climates. It flourishes where English ivy can only be used for ground cover. When other vines are bare, Evergreen Bittersweet is bright. Planted in rows and sheared, it makes a picturesque hedge, solid and erect, green the whole year through.

Strong Pot Plants,
50c each, \$5 per doz.,
\$35 per 100.

Write now for latest catalog of
**Hardy Plants, Trees,
Shrubs, Etc.**

It contains a great variety of the most dependable and popular favorites in hardy plants. Roses, Peonies, Delphiniums, Evergreens, Rhododendrons. Write today. We also sell flower and vegetable seeds of superlative quality. If interested ask for seed catalog.

**ELLIOTT
NURSERY CO.**
503 Magee Bldg.
Pittsburgh, Pa.



Getting Started With Perennials

(Continued from page 80)

only by insisting upon having named varieties of established merit. In this respect the voting scheme of the Peony Society, by which peonies are classified, is proving a great help to the prospective buyer. All the better growers explain the system in their catalogues and give the ratings of such peonies as they list.

HARDY PHLOX

It is much the same with hardy phlox; one may far better purchase a few plants or even single specimens of the best large flowered sorts in the desired colors and build up a stock by dividing the plants as they grow larger, or grow new ones from cuttings of the roots or the young shoots. Cuttings made from the new sprouts in spring or the side shoots that start later in the season grow readily under glass. Small divisions of the roots also grow readily, these latter are perhaps most conveniently made in the autumn. Planted then they will sprout and grow into flowering plants the following summer. In these ways a single phlox plant may be made to become a considerable colony in a single year. I have myself tried growing phlox from seed. If one will gather the seed when ripe and sow it just before the ground freezes in the fall, one will without doubt find the little plants starting in early spring, and these little plants will bloom the first year too. But they will prove a disappointment on the whole. In all the sowing of phlox seed that has ever taken place, I doubt if more than a hundred really first quality plants have resulted, and these are the better named varieties in the growers' lists. Of all the washed out and uninteresting colors to be found in a stand of hardy phlox seedlings! The experimenting needs to be done if only for the chance of obtaining a new white that will be as large and beautiful as "Frau Anton Buchner" and not have the same tendency to turn pink, but don't for Mercy's sake set out to fill a border with seedling phlox!

The same thing is only less true of chrysanthemums. They grow readily enough from seed. One can have the pick of them, however, only by getting the named sorts and increasing the stock by slipping and division of the roots.

BULBOUS PLANTS

With lilies and all hardy plants that grow from bulbs the question of time as well as that of quality is to be considered. No one ever, I suppose, except professional hybridizers, tries growing lilies, or tulips, or daffodils from seed. With these and the irises it is more satisfactory to obtain roots of the good named sorts in the first place.

In the case of plants of which only a single specimen is desired, in my garden the helieniums and hardy sunflowers fall into this class, it is better probably to obtain a root than to take the trouble of growing a great many more plants than are needed from seed.

There is of course a great amount of satisfaction in having named sorts of any flower one is particularly interested in and if one takes to collecting it is quite necessary with many plants. For myself I do not care to own a peony unless I may know its name, but with the hardy asters it matters very little to me. As a matter of fact, I have purchased dozens of named asters; with the exception of a very few striking and beautiful forms, however, I have entirely lost track of their names.

And now we come to consider those perennials that are quite as well raised from seed. The hollyhock is one. If we are careful to procure seed of proven worth we may have the second season after sowing just as good hollyhocks as anybody. A decided advantage in growing hollyhocks from seed lies in the fact that the younger hollyhock plants are much less subject to attacks of the destructive rust that sometimes works such havoc with them. Curiously enough single hollyhocks seem more sturdy and healthy than the double ones. Hollyhock seed grows so readily that I never find it necessary to sow it with much care. I merely scatter it and rake it lightly in a partially shaded and fairly moist spot about midsummer, and transplant the seedlings to their permanent places in the fall or early spring.

DELPHINIUMS

Delphinium may be started in much the same way as the hollyhock. Here again the seed grown plants are likely to be more robust. Seedlings of delphinium are likely to show much more variation than are those of the hollyhock. Consequently it is better to let delphinium seedlings flower the first time in the experimental ground and then select those showing the best habit and the handsomest coloring for permanent planting. Once one has particularly desirable plant of delphinium and wishes to increase the number of plants of the same sort it may be accomplished in either of two ways. In the fall or spring the plant may be lifted out of the ground and the stalks so separated that each will have a portion of the root growth. The divisions replanted and given care will develop into good plants in a few months. They will ordinarily bloom the following summer. Some sorts of delphinium, the beautiful pure white and the original Belladonna form perfect seeds and must necessarily be propagated from divisions or cuttings. It is comparatively simple to grow delphinium plants from cuttings. I usually make my cuttings from new shoots that start up after the first crop of bloom had been cut. The cuttings are rooted under glass. Sometimes they are merely stuck into ground and a glass fruit jar inverted over them, the jar being left in place until the following spring. All cuttings should of course be kept in partial shade to root.

Some of the other perennials are, I am satisfied, just as satisfactorily raised from seed are foxgloves, or poppies, pyrethrums, gaillardias, lumbines, bellflowers, etc. I have experienced considerable difficulty obtaining the double form of pyrethrum in this way as only a small percentage of the seed of double flowered plants of the pyrethrum will come true. This, I understand, is with the proviso that the very best seed obtainable is to be used. The question of seed supply one that deserves a whole paragraph to itself, and even so I doubt if I can emphasize it enough.

GETTING GOOD SEED

There are too many irresponsible houses, irresponsible because they do nothing whatever to do with the important things, selecting and raising the plants from which the seed to be saved. I do not mean to imply that I think our seed

(Continued on page 134)

Mayo Nursery Bulletin

"That the Grounds surrounding your Home may be Beautiful and Fruitful the year 'round"

The Rochester Peach,— —Finest in Quality

You can grow this wonderful variety—and serve its luscious fruit to your guests.

THIS richest in flavor peach comes into ripening the middle of August. It is a large yellow and red free-stone; of yellow flesh and is very highly flavored; its stone is very small.

To eat out of hand, to serve from the home table for desserts or when preserved even, it remains unexcelled as a delicacy.

This peach was originated in Rochester, New York—by a Mr. Wallen, who as an experiment had planted a few peach seeds. One of the trees resultant produced a remarkable supply of this wonderful fruit. The other trees produced just natural ordinary peaches. The original orchard has now borne its tenth annual crop this season and the fruit is the finest quality these trees have ever borne. Some of the specimens measure twelve inches in circumference and weigh twelve ounces. The fruit has sold at the orchards and to local groceries at one dollar to two dollars per eleven quart basket.

The tree comes into bearing when very young; generally the second season although we have on record several instances of fruit the first season set.

It is seldom known to fruit growers for young trees planted a little over a year to bear fruit. This new Rochester peach solves the problem for you.

Let us present you further information and details concerning this wonderful variety so that you may partake of its advantages in your own home orchard.

We have some especially fine specimen trees available for immediate sale, for quick results.

Plan to place your orders early that we may have ample time to give you not only the choicest selection of stock, but the full course and extent of Mayo service.

Advantages of Northern Grown Nursery Stock

Located near the shores of Lake Ontario, with wide variations of temperature, at times 15 degrees below zero, the conditions are extremely favorable for the production of hardy, robust trees and plants. These conditions—with a soil best suited to produce the healthiest conditions of growth, namely that solid, firm texture of the wood, with abundant fibrous root, so necessary to successful transplanting—enable us to offer the choicest nursery stock with entire confidence to planters in all sections of the country.

Shall We Send You Our Catalog?

Our organization is built for service, our catalog is intended likewise to serve home owners by placing before them offerings of the world's best trees and plants for the home grounds. Illustrated in color, with many points of unusual interest. You will be repaid for studying before you send orders for Spring plantings. It will be sent to readers of House & Garden on request.

Improving the Natural Scenery About Your Home

A BARREN lawn, uncovered foundations, just a square piece of ground—nothing on it but a house.

Now think of the same property transformed—fragrant Wisteria clambering over the porch, a vista of colorful shrubs in every direction, increasing the size of the property many times by appropriate placement; the house looking as though it had grown up among the evergreens, azaleas, and other natural clothing of its foundations.

The same thought and consideration should be given to one's "outdoor" home surrounding as is given to the interior of the home. Certainly our guests and neighbors see first the outer home and if the setting is not harmonious to our inside home, there is a discordant impression.

Changing Your Outlook

You can change your outlook on life by changing your landscape, your scenery, your surroundings. Five minutes spent in contemplation of a well-planned bit of landscape furnishes a "mental bath." We should have more of this about our homes that those who are nearest and dearest shall have a natural outlook, that their home may be truly a place of re-creation, re-refreshment; re-renewal. Environment exercises an almost unlimited influence. What have you done to improve the environment of your home?

As a general rule, it is necessary to wait a number of years for Nature to complete the picture which your imagination has planned. With our plan it is possible by the use of specially well-grown nursery stock of greater age than ordinary to get such a finished result the first year as to surprise one.

To the home owner who does not find it possible to invest in a complete planting this year, we recommend what we call our "progressive planting program", i. e. we work out a two to five year planting program, yet securing from each year's planting a picture charming to behold.

Our Landscape Department is in charge of two of the best landscape engineers in the country and we are in a position to supervise any kind of planting, carrying out the complete work from establishing a simple garden to completing an estate. We are primarily nurserymen. Our knowledge therefore of the plants themselves gives us the ability to choose material of the highest quality and consequently we make only a limited charge for plans and yet supervise the complete planting.

We are in a position to send a member of our Landscape Engineering Department to any part of the United States to consult with you on your landscape problems.

Our Landscape Department offers its services to you that your surroundings may be beautiful. We are specialists in NATURAL SCENERY. We are the scene shifters for the surroundings of fine homes. Our services are yours to command.



The Rochester Peach—The above photograph shows a tree of this variety three years from planting.

MAYO NURSERIES Inc.,

Nurserymen and Landscape Architects

Executive offices:

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331 National City Bldg.,
Madison Ave. at 42nd St.
Phone Murray Hill 10337

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Kunderd Gladioli

*Joys of growing
the gorgeous ruffles!*

Kunderd ruffled varieties have opened up entirely new thrills—and possibilities—in the garden-growing of gladioli. The origin of this new type has brought in thousands of enthusiasts, who find "Kunderdii" not only easy to grow, but to give a wonder-range of color and surpassing beauty never before attained even in gladioli.

Grow Kunderd Ruffled Gladioli this year! Surprise your garden friends with the new varieties! Your enthusiasm will be keen, for never have you—or they—seen such exquisite creations in this family of flowers!

Superior New Plain Petal Kinds

With the new ruffled strain has come many distinctly improved plain-petal varieties which have immediately won national prestige. Marvelously beautiful kinds, like Mrs. Frank Pendleton, Mrs. Dr. Norton and Paramount, stand unrivaled! Do you realize what such blooms will mean to your garden next summer? What will the happiness of growing such flowers mean to your enthusiasm! The joy these blooms give the gardener is simply wonderful!

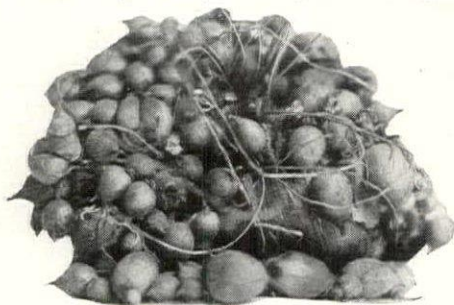
Kunderd Primulinus lead the world

No other strains of primulinus hybrid gladioli compare with the new Kunderd creations, not alone in the ruffled feature (which is our production), but also in the remarkable and varying butterfly and orchid-like forms. Some have ruffled petals, some plain and some intermediate. No other primulinus even resemble these wonderful flowers! To grow and know such varieties as Alice Tiplady (universally recognized as the finest variety of all), Arlon, Salmon Beauty, Myra, etc., is really an education you just can't afford to miss if you love flowers!



**Write to-day—NOW—
for my FREE Catalog.
Don't delay getting this
Gladioli Handbook,
which not only describes
nearly 400 varieties (with
28 in color) and contains
my personal cultural in-
structions, but LISTS
MANY SPECIAL
MONEY-SAVING COL-
LECTIONS.**

A. E. KUNDERD, Box 2, Goshen, Indiana, U. S. A
The Originator of The Ruffled Gladiolus



*Kunderd Gladioli
are wonderfully
prolific bulb mak-
ers. This group
of over 300 bulb-
lets is typical.
Realize what this
means to increas-
ing your stock of
the finer vari-
eties.*

Getting Started With Perennials

(Continued from page 132)

folks are dishonest, but in too many instances they are merely the jobbers who handle the seed crop. They often do not even know first hand the man who grows the seed and sometimes put themselves to very little trouble to find out about him or his seeds. In many cases they merely take the grower's word for the quality and let it go at that. I have seen photographs of my own delphiniums, a strain which in a way I feel justified in calling mine as I have worked with it for some ten or twelve years, displayed in a full page advertisement of a certain strain of delphiniums for which the extravagant claim was made that they were the best in the United States. It was a rather handsome photograph and made a very attractive page, and all delphiniums are more or less alike, but why not show a picture of the thing you have to sell? The moral of all this is, buy your seeds whenever possible of the man who has grown them. I like the way some of the European seed houses have of prefixing the firm name to the names in their catalogue of such seeds as they have grown themselves in their own grounds and are willing to take some responsibility for. We pay a little more for this insurance of quality but it is well worth the price.

THE SEED BED

As for the actual growing of the plants from the seeds there are several ways of going about it. Many people have a permanent seed bed located in some more or less out of the way place, where all seeds are put to germinate and the seedlings left till they are large enough to be transplanted. I have tried this method with partial success. With me the trouble has been that the ground would dry out too fast for me or some vagrant chicken would happen along and upset all my plans and plants at one fell stroke. On the whole I have had the best success from sowing the seeds in flats out of doors at any time from early spring to mid-summer. The flats are easily moved about and the little seedlings protected from too strong sunlight or heavy rainfall. The earth in the boxes will stay moist longer if the

boxes are placed directly on the ground. The seed bed needs slat or muslin awnings and it seems to me more attention than the flats. At any rate I have had better success with the flats and seedlings when I have tried seeds from the same packet in both ways. Those grown in the flats and transplanted to rows in the vegetable garden have invariably proven larger and sturdier plants when fall came.

There are some exceptions to the above, a patent one is the oriental poppy. As the poppy will only bear transplanting at certain seasons, the most favorable time being very early spring, it is safer to sow the seed where the seedlings can be given protection and left through the winter undisturbed. Very early in spring one can do almost anything with them. They may be lifted out of the ground, separated, and reset with the greatest freedom. The oriental poppy like the phlox may be grown from root cuttings.

Seedlings of foxgloves and columbines come on better if they may be set in a shady spot to grow up. Under favorable conditions columbine seedlings will develop into good sized plants the first season. If, however, they are set in a dry sunny location they will remain almost dormant until the cooler weather of early fall.

EARLY SOWING

By sowing seed very early it is sometimes possible to have certain perennials flower the first season. This seems more generally true of such as normally bloom in the latter part of the summer, as hardy asters, chrysanthemums, etc. The gaillardia and the Chinese delphinium usually flower the first season even when sown in the open. The tall hybrid delphiniums often bear flowers the first year, though to be sure of this it is sometimes necessary to start them inside. Then again there are some species that I have never known to flower until the second year; among them the pinks, columbines, and lupins. Usually, however, even if the flowers appear the first summer, the plants do not attain their full size until the second or third year of their summers' growth.

A GARDEN BETWEEN WALLS

EDITOR'S NOTE: In the November issue on the Bulletin Board we mentioned the interesting work that Charles Chapin, a life termer at Sing Sing, has been accomplishing in the improvement of the grounds at that prison. Shortly after this the Editor received from Mr. Chapin a description of the work he has been doing. Quite apart from a remarkable human document this letter is a brilliant and encouraging record to all gardeners who would make the wilderness blossom like the rose.

Dear Mr. Wright:

Please overlook my tardy acknowledgment of your generous and much appreciated gift, but the big hearted flower growers and seedsmen of America have so overwhelmed me with their liberal contributions to our prison garden that almost every moment of my time has been devoted to planting, part of it by the light of an electric torch. In the meantime my much neglected typewriter has gone almost stale with disuse. You will get an inkling of the amount of work I have had to do when I tell you that I have, with the aid of competent and willing inmate helpers, planted more than a thousand iris, more than 150

peonies, uncounted thousands of perennials, 100 rose bushes and more coming, and today we finished planting upward of 6,000 spring flowering bulbs—Hyacinth, early and late Tulips, Narcissus, Jonquils, Lilies, and Crocus. Besides, we have planted a row of Blue Spruce, all of them 9 ft. 6 in. high and of uniform foliage, a strikingly handsome Retinispora specimen, twin Oriental Spruce, the most perfect specimen of Japanese Blood Leaf Maple I ever saw, four Chinese Thuya, six Chinese Juniper, two Swiss Stone Pine, two Douglas Fir, two Norway Spruce, and about 200 flowering shrubs of almost every standard variety. Between plantings we have converted stretches of hard trodden cinder into luxuriant lawns. And it has been the best fun I have ever known in all of my long life, so interesting that I am no longer conscious of steel bars and frowning walls. Best of all it has afforded me an opportunity to be of some use to others, and supplied an excuse for "carrying on" even in this Tartarean abyss. I know of nothing so purifying to a sick soul as garden- ing, and I am but a raw amateur,

(Continued on page 136)



Henderson's 1923 Catalogue

WE are proud of our 1923 Catalogue. Just to say that it is the leading horticultural publication of the year does not at all tell you how unusual it is. If you have a garden or are interested, we want you to send for it and see for yourself.

You will find it really a book of 176 pages—with a beautiful embossed colored cover—sixteen color plates—thousands of half-tone illustrations—all faithful reproductions from actual photographs of the results of Henderson's Tested Seeds.

A great writer, Dr. Frank Crane, whose editorials are read by millions daily, has paused for a little while to give you his garden impressions in a page introduction.

You can read the story of how evening after evening the wonderful radio has broadcasted talks by our representatives on bulbs, gardens, grasses and kindred subjects.

You will find pages and pages of our specialties, some of them like "Cupid" Sweet Corn announced for the first time. There are thousands of varieties of flower seeds described and shown in half-tone. In all, it is the handsomest, most complete catalogue we have ever issued.

Special Introductory Offer

To demonstrate the superiority of Henderson's Tested Seeds, we have made up a Henderson Collection, consisting of one packet each of the following six great specialties:

Eclipse Beet
Viroflay Spinach
White Tipped Scarlet Radish

Henderson's Invincible Asters
Henderson's Brilliant Mixture Poppies
Giant Waved Spencer Sweet Peas

In order to obtain the largest possible distribution for our annual catalogue, "*Everything for the Garden*" we make the following unusual offer: Mail us 10c and we will send you the catalogue, together with this remarkable "Henderson's Specialty Collection."

Every Empty Envelope Counts as Cash

This collection is enclosed in a coupon envelope which, when emptied and returned, will be accepted as 25c cash payment on any order for seeds, plants or bulbs amounting to one dollar, or over.

Peter Henderson & Co.,
35-37 Cortlandt Street New York City

Peter Henderson & Co.,
35-37 Cortlandt St., New York City

I enclose herewith 10c for which send catalogue and "Henderson's Specialty Collection," with complete cultural directions as advertised in *House & Garden*.

A Garden Between Walls

(Continued from page 134)



25 Aristocrats of the Rose Garden

THE very best and most dependable of the old and the new—all tried and proven. These 25 varieties have given joy to countless rose enthusiasts, and will afford a pleasing contrast of color and form and a profusion of choice blooms from June to November.

We have set aside 5000 of these unusually strong field grown plants for Spring delivery while they last. Offered only in two collections, as follows:

- No. 1—25 Assorted (one of each variety).....\$25.00
 No. 2—12 Assorted (our own selection)..... 12.50

The 25 Varieties in This Special Offer

Betty—coppery rose
 Columbia—beautiful pink
 Duchess of Wellington—saffron yellow
 General MacArthur—velvety scarlet
 Gruss an Teplitz—crimson scarlet
 Jonkheer Mock—cherry-red, reverse of petals pink
 Killarney Queen—clear pink
 Lady Alice Stanley—coral rose
 Lady Ashton—pale carmine pink
 Lady Ursula—flesh pink
 Mme. Carline Testout—satiny rose
 Mme. Leon Pain—salmon pink
 Mrs. Aaron Ward—Indian yellow

Mrs. Arthur R. Waddell—apricot
 Ophelia—flesh pink suffused salmon
 Pharisaeer—rosy white suffused salmon
 Premier—dark pink
 Red Radiance—deep red
 Mrs. Ed. Herriot—coral red shaded yellow
 Etoile de France—velvety crimson
 La Tosca—silver pink
 Laurent Carl—deep crimson
 Dean Hole—bright carmine
 Mrs. W. C. Miller—blush, shaded salmon
 Mrs. Jules Bouche—white shaded primrose

No. 3 Collection of Standard or Tree Roses, 4 distinct varieties in assorted colors (strong field-grown plants)\$10.00

No. 4 Collection of Climbing Roses, 6 of the choicest in assortment, of 3 colors (strong field-grown plants)\$5.00

These assortments guaranteed on all orders received before March 15th. Prices on larger quantities gladly quoted on application.

Our Spring Catalogue describes an unusual assortment of ornamental nursery stock, and will be of help to you in planning your 1923 garden. Write for it.

Outpost Nurseries

Danbury Road

Ridgefield, Conn.

untutored and inexperienced in the art of cultivation of the Creator's loveliest gifts to mankind.

When I came to Sing Sing, nearly four years ago, I was dismayed by the squalid appearance of the place where I am to spend the remainder of my life. The yard was covered with crushed boulders, heaps of scrap iron, and almost every description of litter. There was but a small patch of grass and but a single bed of flowers. Because of the suspension of our prison paper, "The Sing Sing Bulletin", of which I was editor, Warden Lawes granted me the privilege of doing what I could to make the interior grounds more attractive and I set to work in earnest, believing that flowers, and trees, and shrubs, and lawns would aid our progressive, high minded Warden in his efforts to make better men out of bad ones. My greatest handicap was lack of planting material, the appropriation for upkeep of grounds being so small that almost a full quarterly allowance was exhausted in purchasing for my use a lawn mower and garden hose. After that I must need wait three months for funds to become available before even a small quantity of grass seed could be had. The only alternative was to dig deep into my tobacco money and buy the seed myself. When the grass began to grow I dug deeply again and filled a few beds with flowers. The greatest joy I had known during the years I had been in prison was when I saw the lovely blooms of a few dozen gladiolus bulbs another inmate and myself almost became bankrupt to acquire. And I know of no more gratifying achievement than when I coaxed grass to grow in spaces that had been barren for almost a century, more soul satisfying to me than anything I ever did during the forty years I wasted in paper making.

SING SING SOIL

Sing Sing was built on a swamp, the ground filled in with crushed rock and blackened cinders, with a few inches of soil on top. We had to dig this out and cart it away to make a flower garden, substituting truckloads of friable soil and fertilizer that our Warden had brought in from outside the prison. For economical reasons he could supply no funds to buy planting material, but he gave generously splendid cooperation in assigning as many helpers as needed to carry on the work, and in bringing in soil and fertilizers. One day Mr. Pierson, the Tarrytown "Rose King" sent me a load of plants and simultaneously came a contribution from the gardens of Mr. Adolph Lewishohn. Other kind friends sent contributions and some of them spread word of what we are trying to do in our intramural environment, bringing the most liberal response from flower growers I have never heard of, some sending a few plants and some by the hundreds. The first contribution of Iris was a dozen, the next day came two boxes by express from another grower, in the boxes 500 of his choicest varieties. A peony specialist in Minnesota sent a single root by parcel post, while another in Massachusetts and one in Nebraska sent three dozen each, not culled from their gardens, but the best they had. Other contributions came in rapid succession until we had more than 150 Peonies planted, digging out rock and gravel three feet square and three feet deep and filling the holes with well fertilized soil, for each one of them. Many hundreds of plants for the perennial order came from

growers all the way from Maine to California, until a border 469 feet in length was filled and another border in a remote section of the prison grounds had to be created to take care of the overflow.

On the day I began my fifth year behind prison walls I planted the first Blue Spruce and was so proud of it that I would come into the garden at 5 o'clock in the morning to admire its beautiful foliage. A friend came to visit me and shared my admiration to the extent of buying me five more like it, and when another friend, a few weeks later, asked why I didn't continue the planting to the end of the cell block and was told "there is but one reason", he guessed what it was and suggested that they be ordered and the bill sent to him. The trees had begun a life sentence in Sing Sing before the final whistle blew the following day.

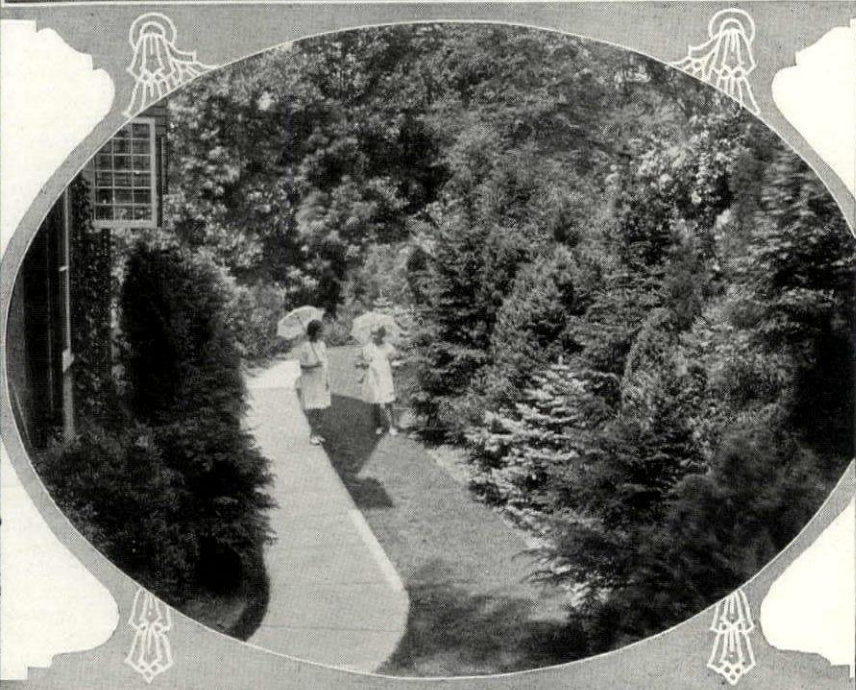
PRAYING FOR BULBS

Another friend sent \$50 to buy something for the garden and I had a hard struggle trying to decide how my fortune should be spent. Fifty dollars is a lot of money to a "lifer", yet when I studied the pages of the florists catalogues my heart craved so many beautiful plants described in them that I felt like a child with a penny to spend shopping for bonbons at Mail-lard's. I longed for flowering shrubs and I longed as longingly for spring flowering bulbs. There was a choking in my throat when I wrote an order for shrubs, but no sooner had the letter gone than I spied Father Cashin, our prison chaplain. I asked him to offer a special prayer for bulbs, and he did, and the very next day came a letter from a bulb importer on Long Island, saying that he had just heard about our prison garden and, "although our house was robbed last week I am sending you 500 tulip bulbs to help beautify your prison and hope they will gladden the hearts of your associates." I quoted the scriptural lines, "Have faith, thou shalt be fed," as I read the letter and the next letter I opened was from another seedsman, saying that he would send a contribution of 400 bulbs as soon as his importations arrived from Holland. And now I have planted more than 6,000 bulbs. Fifteen hundred came from one contributor and 2,000 from another. Perhaps you will draw a lesson in the expansion and contraction of the human mind when I tell you that one of the most famous flower growers around New York sent six tulips, six daffodils, and three hyacinths. Of course, he couldn't possibly have known that the Garden of My Dreams would make the Garden of Eden look like a cabbage patch, but I wrote him a letter of grateful appreciation that was as genuine as the letter I sent a few days later to the big minded man who sent 2,000.

THE ROSE GARDEN

Perhaps you will be interested in our rose garden. Two months ago I hoped that I might be able to plant a dozen rose bushes, for the rose is one of my best loved flowers. Came the day when the Warden gave me a much coveted plot and with it came an ambitious plan for a rose garden that my wildest dreams had not yet contemplated. "House & Garden" helped to shape my dream with a picture of a gorgeous garden in which 400 rose bushes were in full bloom. Instantly I decided that our garden should have 400 bushes I hadn't a remote idea of where the

(Continued on page 138)



The Ideal Home Setting

LIKE a gem in its proper setting is the home which is surrounded by Evergreens. They lend an air of gracious dignity. No surroundings are too ample, no garden too small, but can be improved and beautified with

HILL'S EVERGREENS

It may be a hedge, group of stately firs, or a sentinel cedar—there is no limit to the part which Evergreens can play in the proper setting of your home.

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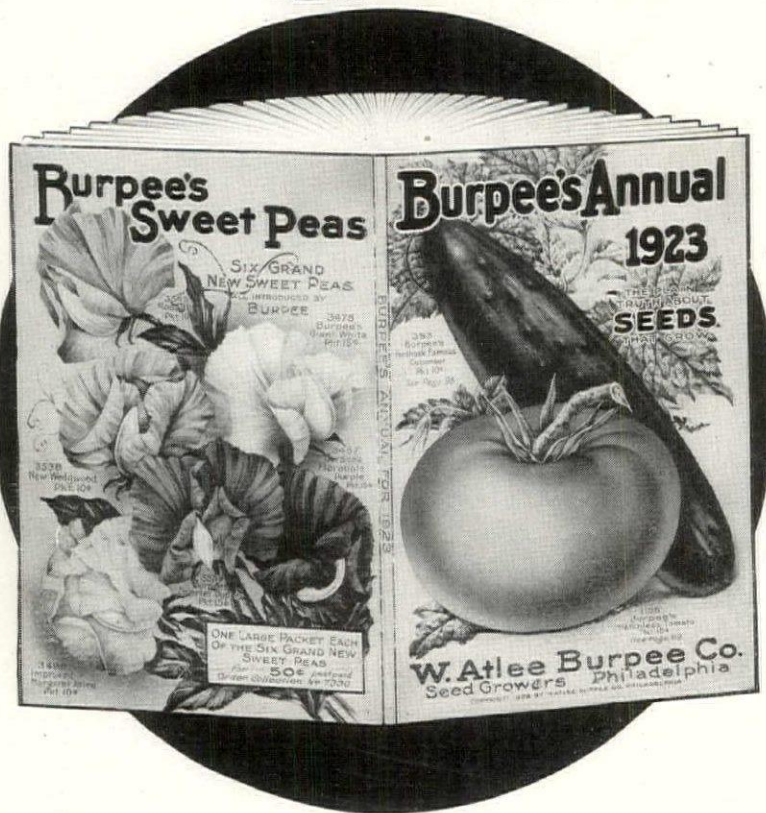
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Seed Growers Philadelphia.

Please send me a free copy of Burpee's Annual.

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R. D. OR STREET

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A Garden Between Walls

(Continued from page 136)

bushes would come from, but I had "faith" and I believed that if only part of the potential 400 arrived in time for planting this fall the remainder would come in the spring, and if not in the spring then in the early fall and the following spring. I began making rose beds and a skilled inmate artisan began fashioning a fountain to ornament the center of it. Then came a jolt—I had exhausted the supply of manure at the prison stables. That night I awoke with a remembering thought of having read not long ago that a wealthy man who owns a large estate near here has large herds of blooded cattle, and I could hardly wait for my cell to be unlocked that I might write him a letter and tell him of my problem. The following morning a messenger called at the prison to say that I might have as much manure as I needed. I got four truck-loads and every ounce of it went into the beds where the 400 "dream" roses are to grow. Last week the first contribution unexpectedly arrived, a gift from the "Rose King" of Tarrytown, 100 of Mr. Pierson's choicest varieties. The entire collection was painstakingly planted within a few hours, for we make it a rule to never put off planting until tomorrow if it can possibly be avoided. I have assurance that another contribution will reach here before the ground freezes, and now I am wondering if I may not safely raise the 400 limit to—well, one can plant many rose bushes in a plot that is 69 x 157.

fine plants to adorn the new green house, such a collection that I never hoped to possess.

ON HOUSE & GARDEN

I am delighted with the suggestion in your letter that you will try to run up and visit me. Please do. I would be highly honored to receive a visit from the editor of what good Doctor Pangloss would have appraised the "best of all possible magazines." I prize it above all other literature. You cannot imagine how impatient I go because the November issue was delayed and how surprised I was to see our garden mentioned among your editorials. In the beginning of my gardening activities my only text book on the cultivation of flowers was an antiquated and badly mutilated seed catalogue. I am now acquiring a library that a gardener might be proud to possess. Loren Palmer, editor of "Collier Weekly", presented me with a complete set of Luther Burbank's fascinating books, Glen Frank, editor of "Century Magazine" sent me Taylor's "The Complete Gardener", which I find valuable, and I have several other books, besides a number of instructional pamphlets issued by the Department of Agriculture at Washington. Of the five books you sent I like most your own "Book of Gardens." As you say, it is both practical and inspirational. I wish I could have had it four months ago, when I began making The Garden of My Dreams. Yes, do visit me, but come in the springtime, when the 6,000 spring flowering bulbs are in bloom. You need have no fear that our keepers will not let you out. Only very few men are detained.

THE GREENHOUSE

Can you imagine how happy I am over the fact that our Warden is having a greenhouse built for my exclusive use in a secluded spot where no convict foot is permitted to intrude. I expect to spend most of my working hours in it during the winter. It will be ready in a few days and Mr. Pierson is coming over with a contribution of plants to help me dedicate it. A woman who has recently sold her country home and has taken a kindly interest in our garden, last week emptied her conservatory and sent all of her

I didn't mean to bore you with long a letter. I have almost broken my pledge never to write another book. Please forgive my offending, fresh oiled typewriter, which has almost gone on a spree after the long rest it had. Note that my typewriter is "it".

With every good wish, and with sincere appreciation,

(signed) Charles Chapin 69690

PERENNIALS for SOUTHERN GARDEN

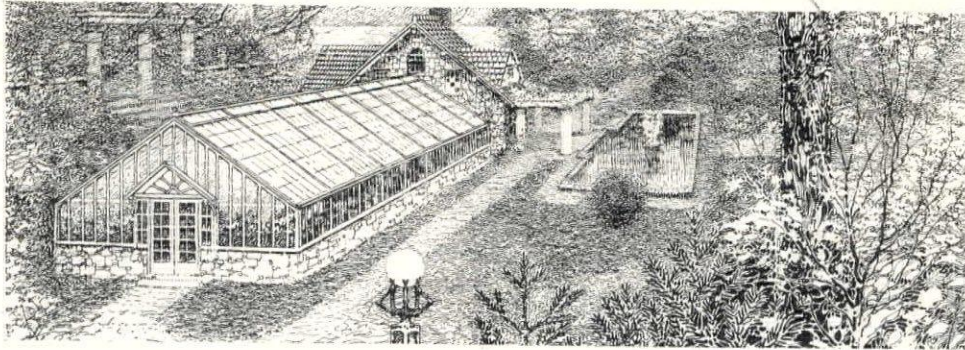
WHEN the gardens of other sections are covered with February snows, in the favored South the early perennials are beginning to bloom, together with the wealth of spring blossoming bulbs and shrubs. The flesh-pink, orchid, and snow white of the evergreen candytuft, *Iberis sempervirens* and hybrids, will be among the first flowers to show. In sheltered situations where there is sun they always begin to bloom in February. Protected from the north winds sometimes they flower as early as the New Year, but if planted in open spaces they do not bloom until later on in March and April. Whenever an evergreen carpet is needed, or an edging for a border, or broad low evergreen masses with an early flowering season, plant this candytuft. Get plants, however, for the seed is hard to germinate and the plants difficult to establish, while the larger plants transplant easily.

Golden *Coreopsis*, with the blue gray of the African daisies, make a charming, dependable combination for early bloom, long season and easy cultivation. Where there is room and sun there is nothing finer than these two plants with *Escholtzia californica*, the California poppies, with their masses of tawny orange

and bright yellow in the foreground. The latter are annuals but sow themselves so freely that once established they need only to be thinned out occasionally to keep them from covering the earth. In that too often neglected space where the lawn ends and the shrubbery begins, as well as in the perennial borders, the poppies make sheets of clear golden sunshine in the grass for many weeks. Try them, but if you want them to come up the second season do not break up the soil where they were planted after the middle of October—but watch for the feathery gray-green leaflets.

Some one has said and many I believe that those most wonderful of our perennials, *Paeonia Sinensis*, will not grow and flourish in the South. The Hermitage, Andrew Jackson's homestead near Nashville there are clumps of the old-fashioned peony which have been growing undisturbed for uncounted years, while near by are clusters of iris and Madonna lilies of which the same can be said. North Carolina peonies of all colors are also a part of the garden history of other days as well as of the present. In the lower, warmer sections it is only

(Continued on page 142)



Still Another Joy of Owning Your Own Greenhouse

Suppose it's a death—or an ill friend—a birth or death. What can say for you, what you want to say quite as well as the sending of some flowers? How easy then it would be if you could step into your own Glass Garden and pick just the flowers you want to send. Pick them regardless of the season or weather.

When you have your own, you have additional joys from flowers that you little thought possible. Leastwise, that is what those say who own their own greenhouse. With our standardized method of making such houses, owning them is greatly simplified. Their cost is correspondingly attractive. Send for special circulars on the Standard House.

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Do You Love Roses?

"Rose Gardening cultivates the taste, promotes acquaintance with refined people, and is favorable to health. It furnishes moderate outdoor exercise; it calms and quiets the nerves."

The Rose Society Invites You to Membership

Organized in 1899 "to improve the excellence of the rose, and increase interest in its cultivation," this fellowship of rose fanciers now numbers nearly three thousand. The Society syndicates the information and enthusiasm of all who love the rose and makes it available to all the members, and to others who wish to learn how to grow roses. By bulletins, exhibitions, lectures and an annual Rose book, it interprets all that is helpful and interesting in rose knowledge.

The *American Rose Annual*, edited by J. Horace McFarland, but written by the Society's widespread membership, and reflecting rose experiences all over America, is issued in March each year to members only. It is a well-illustrated cloth-bound "Yearbook of the Rose" of 200 pages, and includes the most complete and up-to-date rose knowledge for the amateur issued anywhere.

Privileges of Membership

1. Fellowship with other rose-lovers, and participation in all activities of the Society in "increasing the interest, and improving the excellence of the rose" for all America.
2. To receive all publications of the Society during the year, including *American Rose Annual*.
3. To send your rose experiences and helpful hints for others to the Editor of *The American Rose Annual*.
4. Membership Card entitles member to admission to exhibitions by the Society, Rose Pilgrimages, etc., and to vote at annual meetings.



5. Privilege of consulting Committee of Rose Experts on how to select, plant and care for roses. Other information regarding rose culture, sources of literature etc. available from Secretary's office.

To Help You Grow Better Roses

Whether your garden be large or small, formal or informal, there is a place in it for roses, and there are roses for that place.

The publications of the American Rose Society and the rose specialists available for consultation by the members assure you success by the most up-to-date rose knowledge obtainable.

Send \$3.00 for 1923 Membership to
The American Rose Society
605 Finance Building, Philadelphia, Pa.



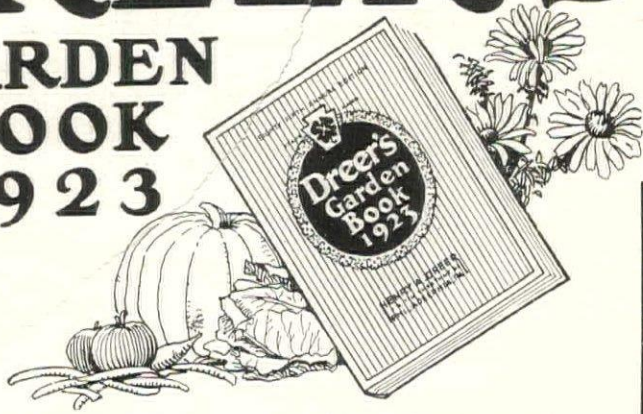
It Is Not Too Early

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 "1923 Handbook" will be mailed upon request.

The Bay State Nurseries
W. H. WYMAN & SON, Proprietors
North Abington,
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DREER'S

GARDEN BOOK 1923



WRITE for your copy now and have the pleasure of planning your next garden during the long winter evenings. Much valuable information on gardening will be gained in the time spent in reading its contents and looking through the beautiful colored plates and hundreds of photo-engravings of Vegetables and Flowers, while making your selections.

This book is a sure guide to success in "making things grow." An acknowledged authority on everything pertaining to gardening.

It offers the best Vegetable and Flower Seeds, Lawn Grass and Agricultural Seeds, Garden Tools and Implements, Fertilizers, Insecticides, etc. Also Plants of all kinds, including the newest and best Roses, Dahlias, Hardy Perennials, Garden and Greenhouse Plants, Bulbs, Hardy Climbers, Hardy Shrubs, Water Lilies and Aquatics, Small Fruits, etc.

Write today for a copy, which will be mailed free if you mention this publication.

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FARR'S NEW IRIS NOVELTIES



These four varieties first announced in mid-summer of 1922 are the latest additions to the broad list of Irises originated and grown in Wyomissing. Plants can be furnished for early spring use, provided I have your order within the next three or four weeks. A limited quantity

of plants, and the necessity for early planting, make it important that your instructions come as soon as possible.

Sea Gull. (Farr 1922). Falls, lavender-white, reticulated with violet-blue. Standard, white, dome-shaped. \$3.

Cecil Minturn. Standards and falls uniform shade of cattleya rose; light beard; large flower; dome-shaped. Height 2 feet. \$5.

Seminole. (Farr 1920). Standard, violet-rose. Falls, velvety crimson, with brilliant orange beard. Honorable mention by American Iris Society. \$2.50.

Japanesque. Standards lavender-white, flecked lilac; falls deep violet-lilac edged pale lavender; coppery yellow beard; standards frequently marked like falls. The six horizontal petals give the flower the form of a Japanese Iris. \$3.

One plant each of these four new introductions. **\$12**

BETTER PLANTS—by Farr

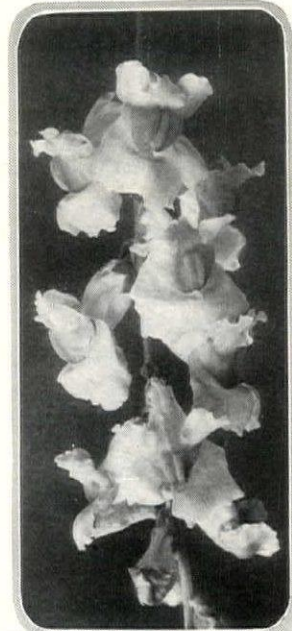
A new booklet giving complete lists of the wonderful Farr Iris, Peonies, Chrysanthemums, Phlox and other perennials, as well as deciduous and evergreen shrubs that should be known and grown in all good gardens. If you do not have this new booklet send me your name and address—a copy will be forwarded immediately.

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Wyomissing Nurseries Co.

160 Garfield Ave., Wyomissing, Pa.

Flower Novelties from the Spring Lists



The rich yellow of this new snapdragon, Peach-blow, merges into a delicate peach tint. From Alex. Forbes & Co.



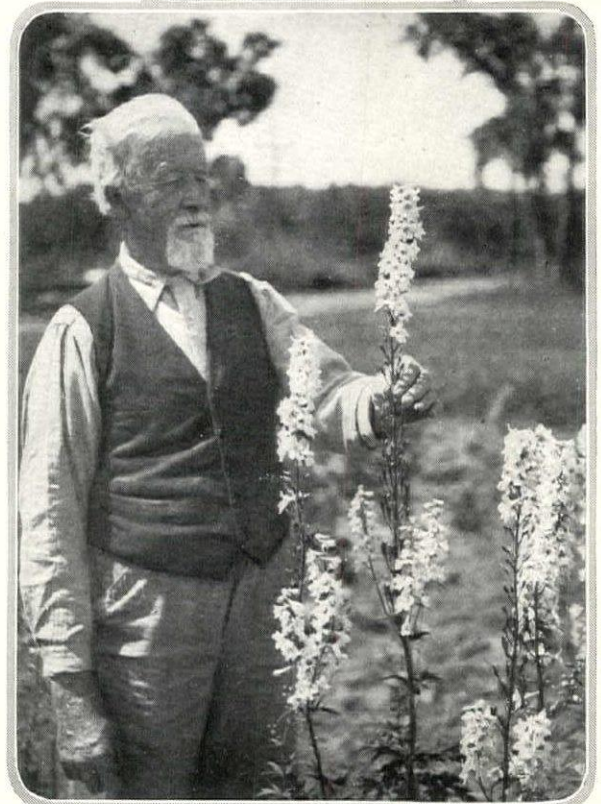
The new hybrid cactus dahlia, Atlantic Ocean, canary colored and a free bloomer. Courtesy of George L. Stillman

Another hybrid cactus dahlia introduction is the brilliant red and yellow MacGregor. Introduced by M. G. Tyler



This deep pink rose novelty, Commonwealth, is produced by the Montgomery Co., and offered by A. N. Pierson.

A new and rare pure white variety of hybrid delphinium valuable for color combinations. Offered by W.A. Toole



GROW CONARD ROSES

Guaranteed to Bloom

Roses! Glorious roses!

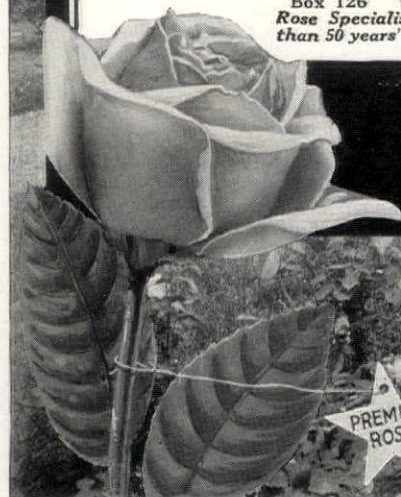
Beds and bushes ablaze with them. Arbors and fences hidden by them. The garden beautified by them. The air fragrant with them.

All this is yours with absolute assurance of success if you have Conard Star Roses—so high in quality, so skillfully reared, so carefully shipped, that every one will bloom or your money back.

COMPLETE ILLUSTRATED CATALOG FREE

Our big catalog with beautiful color illustrations, gives full details—shows how, when and what to plant—lists roses and other flowers suitable for your locality, your needs. Free to all rose lovers.

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PREMIER ROSE

THIS CELLULOID STAR TAG LABELS YOUR GROWING ROSE AND IS THE SIGN OF OUR GUARANTEE—TWO EXCLUSIVE C. & J. FEATURES



Forbes New Snapdragons



are the latest development in these old-time colorful garden flowers. A revelation in size of bloom, in richness of color, in vigor and are called specially to your attention because we think you'll thoroughly enjoy them.

RADIANCE, a beautiful combination of deep salmon rose above, vivid orange center and terra-cotta base.

PEACHBLOW, called the most distinct giant-flowered tall variety yet developed; the rich golden-yellow center merges into a delicate peach shade.

CLIMAX, flowering in rich orange, and shading to gold in the center.

One Packet of each variety for \$1.25 postpaid, or separately at 50 cents per packet.

These three splendid Snapdragons are reproduced in natural color in

Forbes' 1923 Catalogue

which features high quality seeds for your flower and vegetable garden, as well as fertilizers, insecticides and other garden essentials. We shall be pleased to send you your copy on request.

Alexander Forbes & Co.

Seedsman

Box 296, Newark, New Jersey



SEED SERVICE OF AN UNUSUAL KIND

Eliminating undesirable varieties and confining our recommendations only to the best strains of the most highbred varieties of vegetables and flowers.

YOUR GARDEN YEAR is the title of our 1923 catalog, so plain and easily understood that it will meet with your approval at once. It will tell you about such novelties as Golden Twelve Rowed Evergreen Sweet Corn, Bromfield's Early Wonder Beet the finest Peas yet discovered, lovely new Zinnias in soft pastel shades, one of the prettiest Pink Everlasting flowers from Europe, the finest Delphinium seed taken from exhibition plants. Silver Rose Asters, Double Cosmos, Marvelous Pink Petunias, Blue Lace flower and many more interesting and delightfully new flowers and vegetables. Send for a copy today, mailed free.

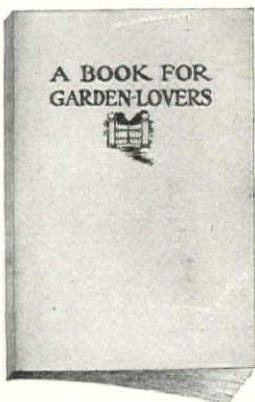
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GARDEN CITY ~ NEW YORK

Schling's Novelties For 1923!

You must have these in your garden this Summer



Blue Lace Flower



A BOOK FOR
GARDEN-LOVERS

Free with order or
25 cents a copy—

1. "INDIAN SUMMER"—Wonderful new snap dragon—Rich, velvety, copper red, flower spikes as large as gladioli, indescribably beautiful—pkt. \$1.00.
2. "SCHLING'S SUNBURST COLLECTION"—of giant *Dahlia Zinnias*—Marvelous double blooms, Dahlia-like in size and appearance, lovely pastel shades—Tyrian Rose, Mallow Purple, Cadmium, Apricot, Oriole, etc., the collection of 12 colors—\$5.00
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5. BLUE LACE FLOWER—(Queen Anne's Blue Lace)—a charming novelty—exquisite shade of pale lacy blue, born on long graceful stems—pkt. 50c.
6. GAZANIA SPLENDENS GRANDIFLORA—Daisy-like blossoms 2 1/4 inches across, in entrancing shades of cream, terracotta, sunset yellow, primrose, etc., zoned with markings of brown and silver and edged with deep brown—easily grown—pkt. 75c.
7. "VIOLET QUEEN"—a new bedding *Petunia*, deep, velvety, violet blue—a rare gem—pkt. 50c.
8. CYNOGLOSSUM HEAVENLY BLUE—A sparkling tower of forget-me-not blue flowers, born on 18 inch stems—A great addition to your blue garden—pkt. 50c.

This entire collection of 8 novelties for \$8.00

Group A (Nos. 1-2-3-4) \$6.00
Group B (Nos. 5-6-7-8) \$2.00
Single varieties priced as above

Schling's Seeds 26 West 59th Street
New York

Perennials for Southern Gardens

(Continued from page 138)

of late years that they have been extensively cultivated; but they are coming more and more into favor each year.

At Peony Place, near Sumter, South Carolina, is a farm of several acres where peonies and gladioli are grown for the northern flower markets. The owner says that she has found it advisable only to plant the white, flesh pink and delicate lavender shades of blossoms for shipment early enough to command the best prices. The red and deeper colored varieties do not mature well in the warmer localities. The situation of this flower is such that the plants are protected by a windbreak of forest, pine and oak and hickory trees, from the cold northern winds of winter and the hot western sun of summer. This is the ideal location for planting, with a soil of light, sandy loam.

For later bloom all the varieties of iris, the day lilies, *Funkia*, *Hemerocallis fava* and *fulva*, the summer lilies, in their deeper yellows, the gladioli, gloriously beautiful in every color except the blues, may be counted upon to give their full quota of beauty and bloom to the garden for months and months on end. These with the gaillardias, Shasta daisies, and the summer phlox will grow well in any garden where there is morning sunshine. They are too well known to need more than commendation and advice to plant—now.

FOR THE FALL

Not so well known as the hardy chrysanthemums, and equally deserving of a large space in any garden, are the hardy asters, Michaelmas daisies. They grow well in the shade and in a sandy soil. They bloom through September and, coming at a time when the summer borders have ceased to be gay and the old reliable *Rudbeckia*, golden glow, is almost the only flower to be seen they fill in worthily. Planted in masses along the boundaries, or anywhere needed, they are equally lovely in white, pink, blue or lavender tones.

IN SHADED CORNERS

For the shaded corners where most gardeners are prone to think that nothing will grow we are fortunate enough to be able to plant that most exquisite quartet of spring beauty, *Delphinium*, *Aquilegia*, *Digitalis*, and *Campanula*. For early bloom in a well-shaded spot nothing is lovelier than groups of columbine with iris. Last spring in one border long-spurred yellow columbine with deep mauve and pale orchid *Iris Germanica* made a memorable grouping. Azure *Delphinium Belladonna* in a bed of rose and flesh and salmon pink *Azalea Indica* standing upright against the blackened trunk of a rugged old oak tree was lovely beyond description. Most showy and effective also in the same half-shaded, usually barren spots are the tall flower spikes of the biennials, *Digitalis gloxiniflora*. The crowns of all four of these plants do not die down in winter but increase in size and beauty from year to year.

Where perennial vines are desired, for delicacy of flower, beauty of foliage and grace of line there is a trilogy of fall-flowering vines of rare worth. They are *Clematis paniculata*, *Polygonum Aubertii* and *Antigonon leptopus*. The clematis blooms first with its feathery clusters of creamy flowers that come in late August and is followed by the ivory-tinted racemes of the silver lace vine, *Polygonum*. Blooming at the same time with the latter and with the same graceful fronds of both foliage and flower the *Antigonon* is well called the Mexican rose or coral vine. All of these vines winter well and grow very rapidly, apparently without discrimination as to sun or shade. Look well to the drainage, however. A planting of hardy asters, *Climax* or *Beauty of Colwall*, along a white-columned pergola or portico is wonderfully fine.

Seed of *Delphinium*, *Aquilegia*, *Digitalis*, *Phatycodon* and *Campanula*, sown as early as possible in the seed bed in February, will produce plants that will bloom in June and July, and the clumps will carry over for an early blossoming season the second and each succeeding year. *Gypsophila paniculata* and *Stokesia cyanea* and *alba* should also be planted at this time and, except that they require the sun, will give the same results.

SOME ANNUALS

In the lower sections of Georgia and South Carolina and all along the Gulf Coast several of the annuals remain green all winter and increase in size from season to season. Sweet alyssum, verbena and snapdragons are notable among these carry-over plantings but the finest of results are to be found in the *antirrhinums*, which will bloom this summer from seed sown in the open now and if planted in a partially shaded place will be wonderful the second year.

SWEET WILLIAM

The delicious spicy fragrance of the *Dianthus barbatus*, old and new-fashioned sweet williams, is one of the most distinctive charms of the perennial garden. Easily grown from seed sown in the spring and reseeding themselves, while the clumps grow larger from year to year they are most valuable and reliable plants for the sunny side of the border. The salmon pink and deep-toned scarlets are the most attractive varieties. The old favorites, *Dianthus plumarius*, if sown in the fall will bloom early in the following spring and keep on filling their places indefinitely.

Dahlias, cannas, gladioli, and iris offer such unlimited range of variety and color that it is impossible to specify as to planting. It is a matter for the individual taste and purse. They all love sunlight, do not tolerate manure, must have good drainage, and for all of them bone meal is the best fertilizer. These conditions met, treat them as all other perennials should be treated—select, plant and tend carefully, love them all the time and enjoy them to the utmost limit.

Bobbink & Atkins

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EVERGREENS
RHODODENDRONS
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ROCK GARDEN PLANTS
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Our New Rose Catalog is profusely illustrated in color and black and is replete with the largest and most complete collection of Roses ever made in America. A charge of 50c will be made which will be credit on first order.

In our 500 acres of Nursery, We grow Nursery Products to complete Plantings, both Large and Small.

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Garden With Me This Time

I HAVE new delights for you—
New things to grow.
New things full of surprises *and satisfaction*.
New things to do, to make the old things you like so, do better. And not the least of all, I'll show you how to make your dollars go farther than you have ever even suspected was possible.

For example: I'll show you how to get two extra plants with every five perennials you buy.

I'll show you how to get one extra shrub, evergreen or shade tree with every five you buy.

Furthermore, I'll show you how to have a goodly bundle of pleasure in making your selection. Botherments turned into pleasure.

My name is Miss Ten-Ten. I'm a real person that the garden fairies turned into an exceedingly charming catalog, even if I do say it myself.

Send for me at once. I'll be delighted to come.



Let's you and I sit down together, and pick out 10 Hollyhocks; ten in two of your favorite colors, all of which are toweringly tall. Then I'll see to it that you get four extra choice ones besides, that won't cost you a cent. Honest I will.

Julius Roehrs Co
At The Sign of The Tree
Box 60 Rutherford N.J.

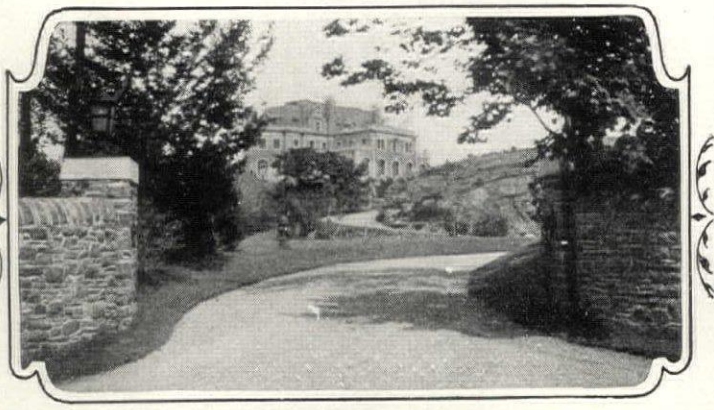
Do Smooth, DUSTLESS, Weedless Driveways Appeal to You?

Dust-laden drives are disagreeable, unhealthy, injurious to grass and foliage and mar the appearance of the grounds; furthermore they are entirely unnecessary.

Solvay Calcium Chloride, a clean, odorless, harmless chemical salt, is a natural dust preventive and road binder, that protects the surface from wear and controls the dust.

Weeds are entirely eliminated by Solvay Calcium Chloride, and its germicidal action is approved by doctors everywhere. Easy to apply and readily obtainable from numerous shipping points. For perfect roadways use Solvay. Unexcelled too, for surfacing tennis courts; makes them fast, smooth and resilient. You are invited to write for the Solvay Road Book—illustrated.

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SYRACUSE, N. Y.



"Our new Friendship Offer" for this Spring's Planting



Here is the biggest, best, most glorious, of our famous Ten Dollar Collections and, we believe, the greatest Evergreen value possible to buy this season.

This joyous cluster of evergreen beauty, consists of six highest grade, thrice transplanted, *Red Seal* specimens of these six most popular varieties—

- 1 Blue Spruce, 2-3 ft. tall
- 1 Douglas Fir, 2-3 ft. tall
- 1 Arborvitae, 3-4 ft. tall
- 1 White Spruce, 2-3 ft. tall
- 1 Ground Juniper, 1½ ft. spread
- 1 Red Pine, 5-6 ft. tall

These Six splendid Plants — only \$10.00

The entire shipment—each plant with a ball of native loam on its roots, wrapped in burlap—carefully packed and crated and delivered to the express at Framingham, Mass. on receipt of your order and remittance, which must accompany order.

Sales Dept. A

Little Tree Farms

419 Boylston St., Boston, Mass.

N. B. Our New Year Book, the most helpful guide to the development for beauty and value of your home grounds, will be off the press this month—Full of splendid photographs and many entrancing offers for every practical purpose. Shall we mail you a copy?





DAHLIAS and GLADIOLI

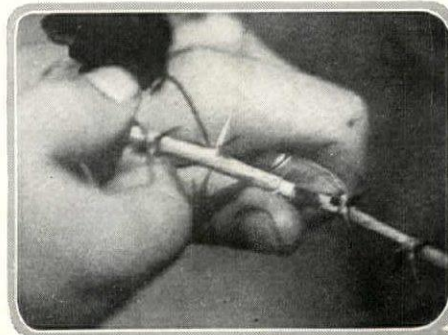
Flowers of colorful Beauty—from Bulbs of exceptional quality

Our 1923 Catalogue Contains: **One Hundred and fifty** different Dahlias selected from the best standard varieties and the latest productions.

Ninety varieties of Gladioli, including the latest and best introductions and many new creations developed in our gardens.

This combined catalogue of Dahlias and Gladioli offers a select list from which to choose and is mailed on request.

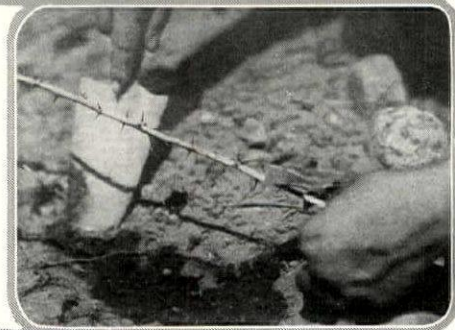
CARL SALBACH, Grower
6066 Hillegass Avenue
Oakland, California



Bark

First, without detaching the twig from its bush, cut off a ring of bark, but leave some foliage on the end

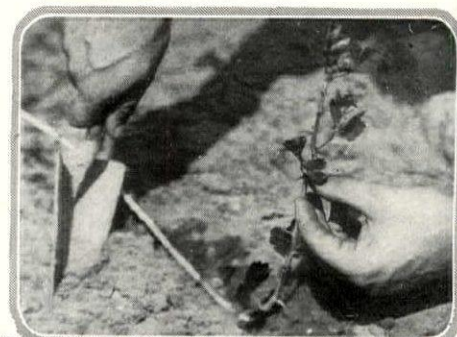
The second step consists in bending the twig over and placing it in a narrow ditch beside the bush



Third, fasten the twig in place with a wooden hook, leaving the tip of the twig with the foliage exposed

MAKING A LAYER FROM A GOOSEBERRY

Next fill in the little ditch thus burying that part of the twig from which the bark is removed



In two or three months roots will form on the twig. Now cut it apart from the bush with a spade

The rooted twig is now a new bush. It can be transplanted in the fall and given protection the first winter



Water Lily's Lovely Blooms Richly Reward the Gardener

No other plants give so rich returns in loveliness of form, in daintiness of color, in exquisite fragrance, and in continuance of bloom.

Few flowers are so democratic in habit—Water Lilies grow readily in tub, pool, or sluggish stream. Few flowers require so little thought and care—nature herself seems to supply the needs of Water Lilies.

Hardy Water Lilies, which may remain in the pool all winter, should be planted in May and June. You may select various colors—white, pink, dark red, yellow—thus adding to the charm and value of your garden. I shall be glad to send you a copy of my

Book of Water Lilies

which shows by word and drawing how to make a pool, lists many rare varieties, and pictures in natural color several of the most desirable. Write for a copy.

William Tricker

662 Forest Street, Arlington, New Jersey



Flowers-WAGNER-Plantings

If you have small grounds then send to Wagner and avail yourself of the most effective planting arrangement which Wagner Landscape Department offers you by mail. Beautiful surroundings are in this way assured you.

If your grounds are extensive, the Wagner Landscape Gardeners can personally make a survey and advise with you in obtaining the

most artistic landscape effects. If desired our experts can take entire charge of the work.

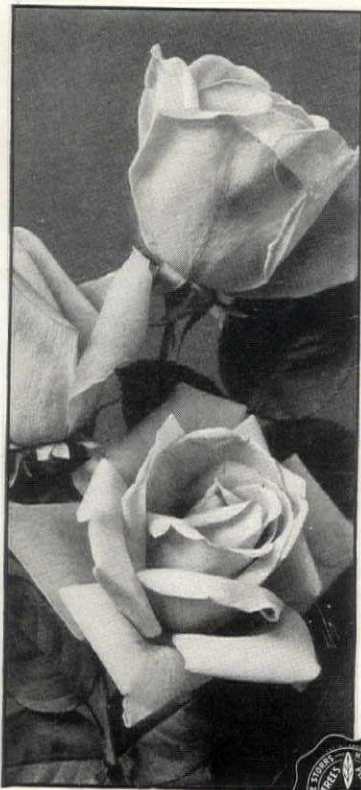
If your needs are simply plants, then you will find Wagner flowers, shrubs, evergreens and ornamental trees unusually fine and vigorous, and in a wide variety.

Please let us send you full information and ask for illustrated Wagner Catalog #21.

WAGNER PARK NURSERIES,
Nurserymen, Florists, Landscape Gardeners.

Box 331, Sidney, Ohio

Next to a garden of roses is the joy of planning it



TO help your plan—that's the first office of the new Storrs & Harrison catalog—to make the selection of a beautiful rose garden easy. It eliminates "garden luck." It offers a wide variety from 60 rich acres of full-colored, field-grown roses.

Shades and characters are accurately described. Complete instructions are given for planting and growing. All dormant bush roses, excepting Climbers and Baby Ramblers which need little pruning, are furnished to you trimmed, ready for planting.

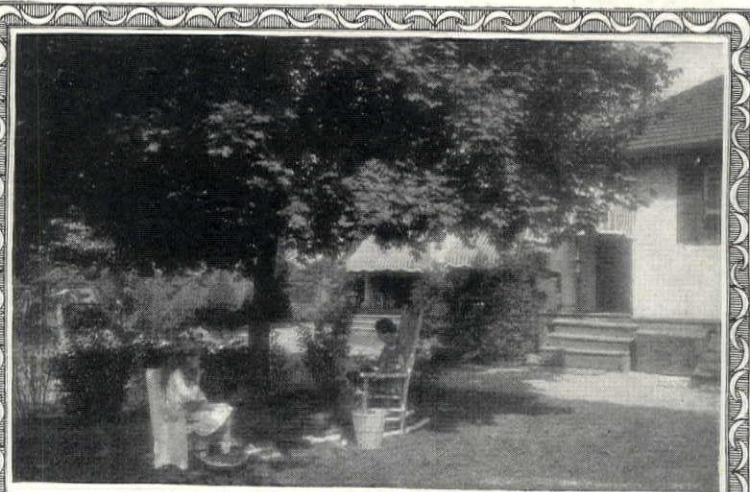
Sixty-nine years of experience is back of S. & H. offerings. Our flower and vegetable seeds, plants, shrubs, shade and fruit trees are selected for unusual vigor, color or prolificacy from 1200 fertile acres. Quality is predetermined.



Write to-day
for 1923 free
catalog

THE STORRS & HARRISON CO.
Nurserymen and Seedsmen

Painesville, Ohio



The Outdoor Work and Playroom

UNDER the shade of a friendly tree—protected from the gaze of passersby and neighbors by a verdant and florescent screen of shrubs—away from the hot kitchen,—what an ideal spot for Mother's work! Paring potatoes, husking corn, mending and knitting—and reading after chores are done—so much more pleasant out under the tree, so invigorating and health-giving.

For the children, inviting shade at home helps keep them within watch, off the hot pavements, and away from the hazards of the street.

Locate now your outdoor work and playroom. Send for our booklet "On Beautifying the Home Grounds" and have us mail our illustrated descriptive catalog as soon as ready. If they still leave you in doubt as to what and where to plant, describe your problem and have us prescribe for it especially.

Moons' Nurseries
THE WM. H. MOON CO.
MORRISVILLE PENNSYLVANIA
which is 1 mile from Trenton, N.J.

"A Little Book About Roses"

This book (a catalog and more) for 1923 is now ready for distribution.

It is the result of a lifelong and enthusiastic devotion to the out-door culture of the rose and will be found the most helpful book of its kind published.

In addition to this, the 1923 issue is the richest, from a printer's standpoint, that we have yet published. Its quality reflects the quality of the business it represents. It is bound this year in a cover by Stern. It shows our famous flower girl at her best, with her arms full of roses, standing in the open field rich in June's fresh greenness—all in natural colors.

While this book is sent free to our customers and intending purchasers, it will be sent to anyone, without obligation to purchase, for the nominal charge of ten cents in coin or stamps.

George H. Peterson

Rose and Peony
Specialist

Box 30
Fair Lawn, N. J.

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.

Blom 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.

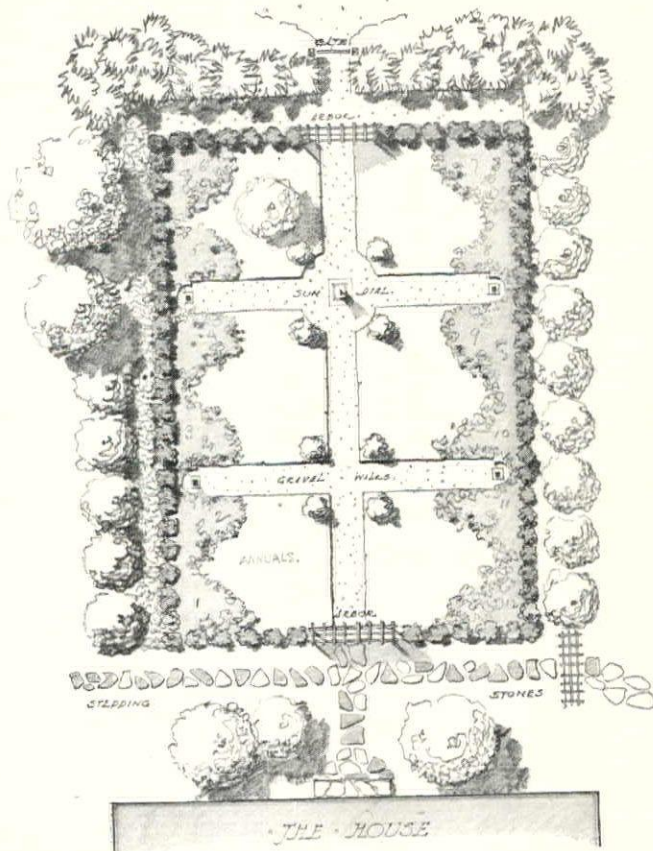
Simple cultural directions in package
ORDER YOUR BULBS NOW so as to have them to plant when you begin making your garden.

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 1923 Spring Seed Annual sent on request.

Stump & Walter Co

30-32 Barclay St., H. G. New York City



The garden is laid out on an axis from the living room door and is divided by paths into eight little sections

AN INTIMATE GARDEN

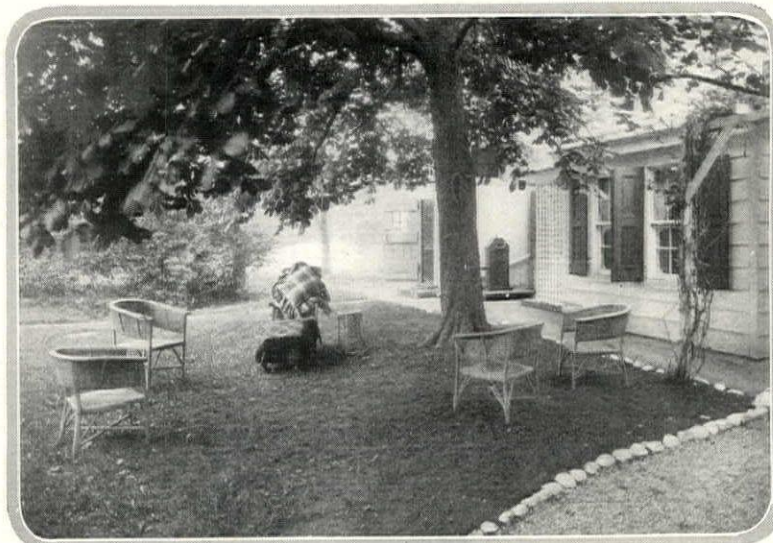
THERE is nothing more delightful now-a-days than a consistently simple house and garden. Here illustrated is an example of a little colonial clapboard, country house, over one hundred years old, I am told. Not far from the road, reached by a bright red brick walk edged on either side by a high hedge of old English box, and nestled among big white oaks is this little, simple white house with green shutters. The surroundings have been made more delightful by a charming collection of shrubs. The carpeting of green is bright here and there, as in England, with clumps of daffodils, double English narcissus and, as the season progresses, banks of yellow day-lilies, followed later in the season with clumps of coral-colored phlox dotted here and

there under the dogwood trees; and close to the screen of grape and trumpet vine and Amaryllis surprises you by its delicate pale pink bloom. Later still, masses of rose of Sharon in pink, white and striped, single and double, keep up the song of color, coming in August and lasting quite six weeks. In fact, in this quaint little garden there is scarcely an old-fashioned flowering shrub that fails to be represented.

The pebbled walks and paths in the garden are all bordered with white-washed stones, as is so frequently found in this type of old-fashioned homes.

The old English horse chestnut tree in the rear of the house is a delightful shelter for tea time, and in the long

(Continued on page 148)



Hewitt

The paths are edged with whitewashed stones, an old-fashioned custom that, while not recommended for all gardens, is suitable sometimes when one has a Colonial house

Native Azaleas, Broad-Leaved Evergreens— For Your Garden

Fine large clumps, dug and shipped with balls of earth, all plants heavily budded, ready for planting in your garden—and I am ready to fill your order for a few or for a car-load. Planted early in the Spring, these will produce wonderful results in June. Among our native azaleas I have some splendid plants of *Lutea*, *Nudiflora*, *Arborescens* and *Viscosa* of stock unequalled as to quality and quantity.

Resolve Now to Enjoy Them Next June

Are you among the favored few whose grounds have room for the charming children of the woods where Laurel, Andromeda and Rhododendron shrubs provide shelter for their little sisters, the wild Orchids, Wake Robbins and Hepaticas? Then you are happy indeed for among all the plants available to American gardens none are more interesting or have greater or more enduring charm and beauty than our own native American flowering evergreen shrubs and wild flowers.

For those who wish to execute large plantings I offer collected *Kalmias* and *Rhododendrons*. I have them available in car-load lots at very reasonable prices. I will pack them so that they will arrive in perfect condition and will help you by telling you all the details of their planting. I will assist you in putting your ideas into practice and will help you with the ideas born of our fifty years' specialization in wild flowers.

My 1923 Catalogue Waits

This very unusual and interesting book describes and gives cultural directions for all the worth-while native American shrubs, broad-leaved evergreens, wild flowers and ferns. It is more interestingly illustrated than ever. Write for your copy.

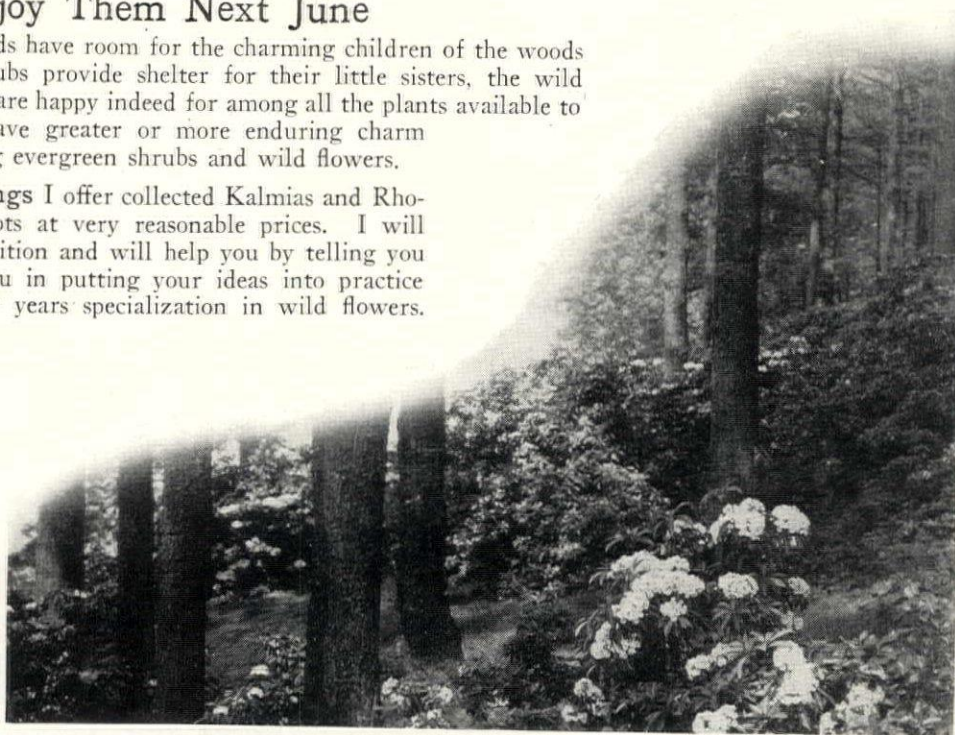
EDWARD GILLETT

Fern and Flower Farm

Established 1878

19 Main Street,

SOUTHWICK, MASS.



Paul's Scarlet Climber

FOR profusion of bloom, for long-continued and brilliant display and for the beauty of each individual bud and flower, no climbing rose grown excels Paul's Scarlet.

The formal report of the president of the exhibit in Paris last year stated that

"Paul's Scarlet stood out by far the best among the climbers and attracted the public probably more than any other rose."

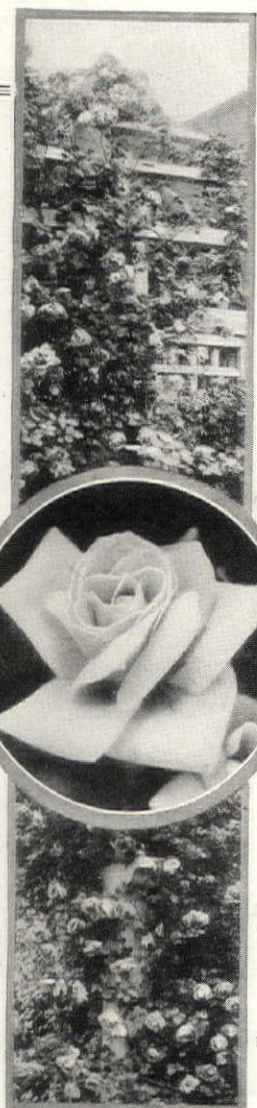
Leading rose growers regard it as far superior to the *Climbing American Beauty* or any climbing rose of its color. It is a vivid scarlet, slightly crimson, a strong grower with full foliage, free from mildew, diseases and insects. Cutting back turns it into a beautiful bush rose.

Plants from 2½" pots, 30c; 4 for \$1.00, postpaid. 2-year-old plants, 90c each; \$9.00 per dozen by parcel post, prepaid. Large specimen plants, \$1.50 each. By express, charges collect, with soil on roots. All plants on their own roots.

Our "New Guide to Rose Culture for 1923" sent free upon request

Illustrates wonderful "Dingee Roses" in natural colors. The lifetime experience of the *Oldest and Leading Rose Growers in America*. Offers 500 varieties Roses, and other plants, bulbs and seeds and tells how to grow them. Edition limited. Established 1850. 70 green-houses.

THE DINGEE & CONARD CO.
Box 272, West Grove, Pa.



Van Dusen Dwarf Fruit Trees

APPLE
PEAR
CHERRY
PLUM
PEACH

Haven't you ever visited a friend's garden when the fruit was hanging ripe, and felt a hankering to grow on your own grounds part of the fruit needed for your family use?

Perhaps you put off planting because it seemed a long time from planting till harvest?

Dwarf Fruit Trees hasten the harvest time. Many of them, like illustration, fruit one or two years after planting.

Has limited space discouraged you from planting your own trees?

Dwarf Fruit Trees require less room, and open the way for the suburban dweller to realize the pleasure and satisfaction of harvesting fresh fruit for table use.

Even on the smaller home grounds, fruit production may compete to a satisfactory extent with the larger estates which invariably give fruit planting an important place in the landscape plans.

Nine dwarf trees occupy the space of four standard trees, and produce as much fruit.



Catalogue Free

THE VAN DUSEN NURSERIES

C. C. McKay, Mgr., Box B

Geneva, N. Y.



A field of Vaughan's gladioli at our Ovid, Mich. farms

Vaughan's New Gladiolus

SOVEREIGN

SHOWN with Vaughan's White and other Vaughan introductions at the Kalamazoo show of the American Gladiolus Society last summer, our new giant purple, a sport of Baron Hulot, was the sensation of the show. Mrs. Francis King, whose opinion has world-wide authority, requested the privilege of naming it, and christened it: "SOVEREIGN", the fitness of which is instantly recognized by all who view its stately splendor and royal hue. Mr. J. W. Crow, the gladiolus specialist of Simcoe, Ont., writes: "I consider this the most important and sensational of the new varieties I have seen in my travels. To my mind it represents as great an advance over Baron Hulot as the latter must have done over existing sorts in its own color section when it was first introduced."

A limited number of bulbs are offered at \$3.00 each, postpaid.

Vaughan's Rainbow Mixture of Gladioli

Our list is not confined to our own introductions, but includes all varieties from this country and abroad, which deserve recognition. From bulbs of these named varieties grown on our own farms, we prepare the Rainbow Mixture, which we believe is unexcelled anywhere. Per dozen, \$1 postpaid; by express, not prepaid, 50 for \$3.00; 100 for \$5.50; 500 for \$23.00.

Vaughan's Gardening Illustrated Free On Request

A seed catalog unlike others, a magazine of horticultural information as well as a complete list, described and illustrated, of everything a gardener needs or desires. Contains 74 flower illustrations in full color. Write for it.

Vaughan's Seed Store

10-12 W. Randolph St.
Chicago

Department H

41-43 Barclay St.
New York



The various rooms have, in a measure, contributed to the atmosphere of the garden. Thus, the style of this dining room is in perfect harmony with the garden's style

An Intimate Garden

(Continued from page 146)

twilight evenings coffee is served there. In this simple, little old place one constantly lives out of doors.

The garden, not over 50' from the house, is connected by stepping stones with the garden living room. A large French window, like a wide door, leads into the garden. The five windows and door are all framed in a glazed chintz copied from an old English document, a cream white ground, upon which are salmon pink zinnias and a blue delphinium. The curtains are edged with a binding of a plain blue delphinium colored glazed chintz. Pieces of furniture are covered in this same shade in a rough homespun material Hooked rugs bring out the same tones, while through the large window looking out in the garden you see the chintz reproduced. The beds of salmon pink zinnias are banked against the stalks of blue delphinium, white phlox in their season or white foxglove carries out the idea which appears from time to time in the chintz. The room "carries on" into the garden and the garden finds its way into the room. Quaint old-fashioned arbors made from cedar posts with salmon pink Dorothy Perkins roses with here and there beds of blue veronica and

cornflowers are backgrounds for the pink. Some years ago I was visiting a charming old lady in Surrey who was fortunate enough to have inherited a beautiful house built by Sir Christopher Wren. The grounds and large formal gardens were noted for their beauty, but her particular pride was her own morning room whose many low windows formed an ideal "garden room" opening into a marvelously beautiful rose garden not over 125' square, and one continual bloom from early spring until frost. The low brick walls around it treasured the rarest varieties that money or friends could gather together for her pleasure. Here in the early morning she picked her own loved flowers to fill the rare crystal bowls that were scattered about her rooms.

With its beautiful proportioned white paneling, it was indeed a "garden room" of exquisite beauty, where her delicate cameo loveliness formed a never-to-be-forgotten picture.

After all why shouldn't one have their delight close at hand without having to wander through long paths or wet grass whenever they want to

(Continued on page 150)



ROSES That Bring Keen Delight

"Roses purchased from you last Spring," wrote an enthusiastic Rose lover, "gave wonderful results and surpassed all expectations."

Rosedale Roses are field-grown, heavy two-year-old plants—never potted plants. Planted early, they will bloom in June and the Everblooming varieties will keep right on until sharp frosts come.

Our Hybrid Teas include the very cream of constant bloomers. Then there are the Climbers—Dr. W. Van Fleet, Dorothy Perkins, Excelsa, etc.—the best hardy sorts in both two and three-year plants. And if you want to surprise your friends and neighbors plant a few Standard (Tree-form) Roses.

Of course you will want our Spring Catalog which describes Roses for every purpose, also Evergreens in 77 varieties, Shade Trees and Small Fruits especially adapted for home use. Our Bearing-Size Fruit Trees soon delight the palate as well as the eye. More and more they are being planted as lawn specimens. Send us your name and address today for Catalog, prices, etc.

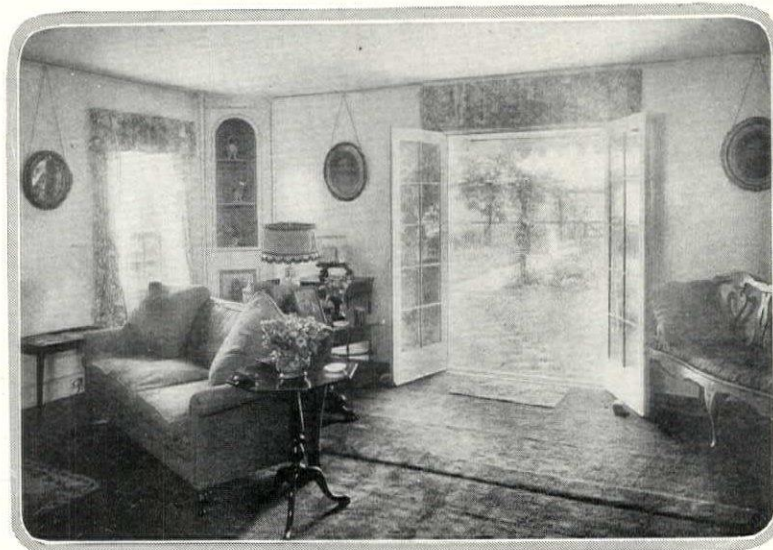
ROSEDALE NURSERIES

Tarrytown

Box H

New York

"Prices as Low as Consistent with Highest Quality"



As the garden lies directly off the living room, the flowers repeat the colors found in the room—delphinium blue, zinnia salmon pink and the white of phlox and foxglove



A few thousand small evergreens at Glenwood Nursery.



Actual Photograph of the six.

PLANT EVERGREENS-
Special "Get Acquainted" Offer.
6 HANDSOME EVERGREENS (as shown) \$10.00

- | | | |
|-------------------------------|----------------------------------|----------------------------|
| 1 Austrian Pine, 2-3 feet. | 1 Hovey's Arborvitae, 2 feet. | 1 Balsam Fir, 2-3 feet. |
| 1 Canadian Hemlock, 2-3 feet. | 1 American Arborvitae, 2-3 feet. | 1 Norway Spruce, 2-3 feet. |

This remarkable offer will acquaint you with the exceptional quality of "Glenwood grown" nursery stock. Evergreen growing, however, is but a small part of our business. We are growers of a complete line of fruit, nut and ornamental trees, flowering shrubs, roses, perennials, berry plants, etc.

In addition, our skilled landscape service department can handle any planting problem, however big or little. Write for our handsome catalogue in color describing fully the products and illustrating a few of these products actually growing at Glenwood Nursery, 150 acres, 57 years of service.

GLEN BROS., Inc.,
 ESTABLISHED 1866
 INCORPORATED 1907

Glenwood Nursery,
 1866-57 YEARS OF SERVICE-1923

Rochester, N. Y.
 207 FULTON BLDG.
 PITTSBURGH, PA.



You, Too, Would Smile at Work

Garden work becomes a pleasure with the help of proper tools. Of all the tools available for cultivation, none surpass in their ease of work or effectiveness of work done

The Gilson Dubl-Duti (Cultivator-Weeder)
America's Premier Scuffle Hoe

Here is the safest of all safe cultivators. A 6 foot handle gives sufficient leverage to rock the hoe back and forth, and every stroke counts. No weeds survive when the Gilson Dubl-Duti has passed. Besides the soil is thoroughly pulverized, forming the much desired dust mulch. The Gilson Dubl-Duti comes in 3 sizes and in both hand and wheel hoe. It is but one of a broad line of garden tools fully described in

"Better Crops Through Cultivation"

This is the title of a neat little guide designed to help you to better results from your garden by giving some facts about soil cultivation. It also describes the complete line of Gilson Garden Tools for sale by many dealers. If your seed or hardware store does not handle the Gilson Line, write us. But first write for the booklet—to get better acquainted.

J. E. GILSON CO.
 201 Valley Street
 Port Washington Wis.

Harris Seeds
 for your
Flower and Vegetable Garden

Moreton Hybrid Delphinium

Many experts have pronounced these the finest delphiniums raised in this country. A large proportion of the spikes have semi-double flowers and many are of beautiful pink shades on a sky-blue background. There are practically no dark centered flowers. The spikes are very long and beautifully formed.

We can furnish both plants and seed of our own growing.

This is only one of a great many unusually fine varieties of flowers and vegetable seeds which we raise on our own farm.

In buying Harris' Seeds you are getting the seeds of the very highest quality such as are used by the best florists and market gardeners, direct from the grower at much lower price than most city seedsmen charge.

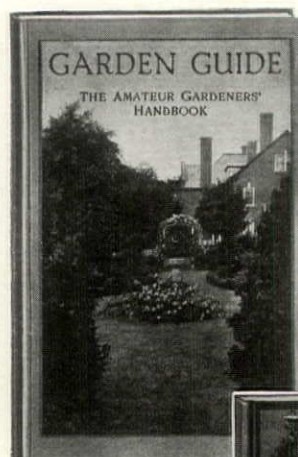
A handsome catalogue containing many reproductions of photographs made at Moreton Farm where Harris' Seeds are raised will be sent on request. There is no charge for it.

Joseph Harris Co.,
 Box 20 Coldwater, N. Y.



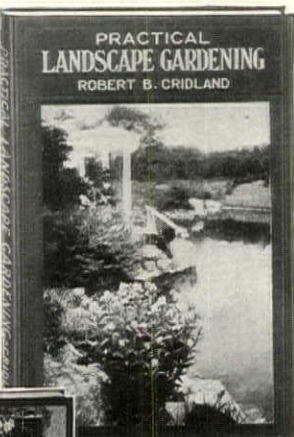
Gems of Gardening Literature

These Three Books Furnish a Complete Encyclopedia



Garden Guide

The complete guide to every phase of garden planning, making and maintenance. Fruits, flowers, vegetables, trees, shrubs—all are covered thoroughly yet concisely. 384 pages and nearly 300 illustrations. 4th edition. 35,000 sold. Paper, \$1.10; cloth, \$1.65.

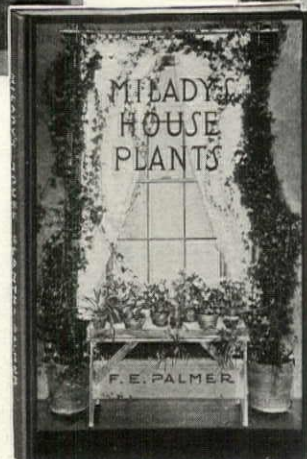


Practical Landscape Gardening

Written for the small landowner. Takes up all the elements that enter into the beautifying of properties. Third printing. Contains 91 photographic illustrations, 67 sketches and 33 plans, 19 of which are planting plans accompanied by planting keys. The rapid sale of thousands of copies of this book is guarantee of its value. 276 pages. Cloth, \$2.65 postpaid.

Milady's House Plants

No book so complete and thorough as this on the successful care and culture of plants in the home. Profusely illustrated with 100 instructive pictures demonstrating the many operations in plant growing which wonderfully simplify that work. The author, F. E. Palmer, has had over 40 years' experience in house plant culture. Paper, 80 cents; cloth, \$1.10, postpaid.



Catalogue No 8, treating on subjects which have to do with plant life and the open country, sent free on request

A. T. DE LA MARE CO. Inc. 448e W. 37th St., New York, N.Y.

Headquarters for Garden, Home Ground and Farm Books

An Intimate Garden

(Continued from page 148)

Name	Color	Height	When in bloom
Summer house covered with clematis and Dorothy Perkins	Salmon pink	Grow rapidly	June 21st.
Canterbury bells in corner of beds	Pale blues and Violets	3' to 4'	June 21st.
Lilium speciosum album beds	White	3' to 4'	August 2nd.
Lilium speciosum album and rubrum	Pinkish	3' to 4'	August 20th.
Foxgloves	White and spotted and pale lilac	3' to 4'	June 13th.
Sweet william	Coral pink	1' to 2'	June
Phlox	White and coral	3' to 4'	Early in July
Delphinium	All shades of blue	3 to 4 crops	June to Oct.
Hollyhocks outside edge of garden	Pink double	4' to 8'	July to Aug.
Veronica	Blue	2'	August
Salvia	Blue	3' to 4'	August
Roses all varieties	Pink	3' to 4'	All summer.
Anchusa	Blue	4' to 5'	In July
Zinnia—Dwarf	Coral pink	16" to 2'	End of June to frost.
Peonies	Pink and deep red	2'	June

enjoy a bit of color? "Won't you come and see my garden?" ask so many hostesses, after a much too generous lunch. And the guest, if she dares, says, "Isn't it too far?" or "Isn't the sun too hot?" or "How about my slippers?"

Consequently, plan an "estimate garden", close to the house.

The flowers in the garden shown here blossom as shown in the planting list. By comparing this list with the plan, one may find many valuable suggestions for making an intimate garden.

The garden at the left has a row of white phlox in front of which is a row of pink roses. The end of the garden nearest the house has a row of pink peonies; at the left of garden, running the entire length, a double row of blue delphiniums.

The beds 1-2-3-4-5-6-7-8-9-10 are planted with perennials.

The annuals are many dwarf salmon pink zinnia.

At the end of the garden is a tall screen of lilacs, in front of which is planted, first the pink sweet william, to be followed by the coral phlox.

Hooked Rugs

(Continued from page 124)

the great bulk of the hooked rugs with floral, animal and bird designs are unquestionably of a much later period. Moreover, the writer has failed to find in any 18th Century book or in any 18th Century inventory that he has examined, a reference to a hooked rug, I realize that this does not prove that hooked rugs were unknown in that century.

The best of the old hooked rugs are truly beautiful, both in respect to their color and design. Fortunately a goodly number of them have come down to us, and such stand forth in distinct contrast to the garish specimens of so much later a day, which are as yet, quite unsoftened by the hand of Time. Our present interest in strong color in decoration gives a well-designed hooked rug even of modern make a place in the

decoration scheme, just as the present-day encouragement of the "quaint" welcomes Staffordshire dogs, Whieldon cats, Nottingham bears, keramic cottages and the like again to the mantel-shelf. Indeed, the hooked rug finds such great favor today that the revival of its making has been begun by various enthusiastic craftworkers. Even in Nova Scotia many interesting hooked rugs are being turned out by ingenious and industrious northland workers, and the art is one to be encouraged.

Finally it may be mentioned that old hooked rugs lend themselves admirably to cleaning, mending and restoration in general, and any old rugs of this genre that may be found in pathetic and neglected state will probably fully repay any attempt at a metamorphosis.

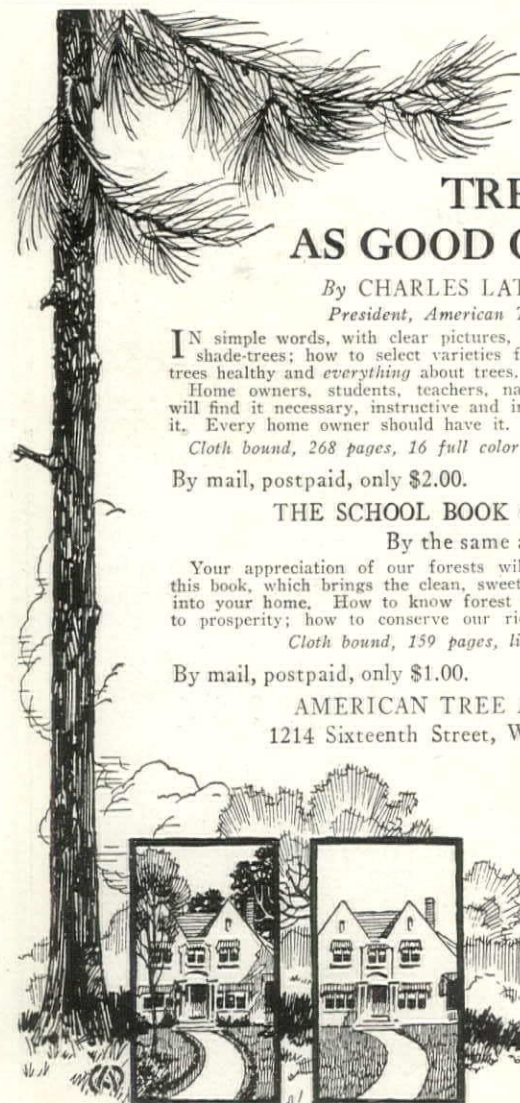
G. T.

Sunflowers

(Continued from page 120)

"Autumn Glory". Although I cannot testify as to the attractiveness of its flower, I can say that it grows readily from seed and has handsome narrow glossy foliage of a beautiful deep green color. Mine were sown late and although the plants were full of buds they were cut down by the devastating frost and snow storm which came in the early part of October. Basing my conclusion upon this short acquaintance and the report of an expert gardener friend I am sure that it will prove a valuable addition to the list.

It would be hardly fair to leave the subject without calling attention to the fact that the Jerusalem artichoke which so many of us remember as growing in some corner of a grandfather's garden patch and as furnishing a different even if a somewhat tasteless occasional dish in early spring when fresh vegetables were a rarity, is also a member of the sunflower group, known to the botanists as *Helianthus Tuberosus*. Jerusalem in this case is merely a corruption of the Italian word for Sunflower, girasole. JOHN L. REA.



TREES AS GOOD CITIZENS

By CHARLES LATHROP PACK
President, American Tree Association

IN simple words, with clear pictures, this book tells how to identify shade-trees; how to select varieties for every location; how to keep trees healthy and everything about trees.

Home owners, students, teachers, nature lovers and civic officials will find it necessary, instructive and interesting. Any one can enjoy it. Every home owner should have it.

Cloth bound, 268 pages, 16 full color plates; 125 other illustrations.

By mail, postpaid, only \$2.00. On approval.

THE SCHOOL BOOK OF FORESTRY

By the same author

Your appreciation of our forests will become greater as you read this book, which brings the clean, sweet, invigorating air of the woods into your home. How to know forest trees; why trees are necessary to prosperity; how to conserve our richest natural asset.

Cloth bound, 159 pages, liberally illustrated.

By mail, postpaid, only \$1.00. On approval.

AMERICAN TREE ASSOCIATION
1214 Sixteenth Street, Washington, D. C.

IT'S NOT A HOME WITHOUT TREES



Wren House

A 4-compartment house, satisfying the wren's habit of changing nests for each succeeding brood. Of selected fir with roof of cypress. To hang, 28 inches high, 18 in. diam. Price \$6.00.



Purple Martin House

Cottage style, for martins to colonize, 28 rooms. This house is made of white pine, properly ventilated, painted in green and white. 26-27-31 inches. Price \$16.00. Other styles to \$78.00.



Sheltered Feeding Table

Early birds need help in finding food. These shelters operate automatically, like a weather vane. Always dry. Attracting the early birds for all summer. With 8-ft. pole. Price \$7.50.



Great Crested Flycatcher

Strikingly original, this house may be placed on a pole, or hung. Of white pine. Size 15-11-8 inches. Price \$3.50. With copper roof, \$4.50.

Dodson Bird Houses



OVER THE VELVET OF YOUR LAWN THIS SEASON—among your trees—in your garden—welcome the song birds! . . . Put up the Dodson Bird Houses. Quaint green and white signs of hospitality. . . . Thereby will you escape those ravages of cut worms, grasshoppers, beetles. The song birds work merrily, protecting trees and gardens. . . . The silver-toned wren who lives on six hundred caterpillars and bugs a day—the busy martins with their appetite for mosquitoes—the flycatcher, blue bird, flicker—they all pay rent for the lodgings you offer! . . . Now, good citizen, it is time to put up your houses. Beautiful estates, or the smallest places, know Dodson Bird Houses. Let Mr. Dodson advise you. Enjoy the blessings these scientifically-fashioned little houses bring you!

JOSEPH H. DODSON 731 Harrison Avenue KANKAKEE, ILLINOIS
Mr. Dodson is President of the American Audubon Association, Lecturer, and Beloved Friend of the Song Birds

Richard Robin. What's the hurry? Looking for the early worm?
Michael Martin: Worm be hanged! I'm going to get a Dodson Bird House and there's not enough to go 'round

FREE Mr. Dodson's fascinating booklet—"Your Bird Friends and How to Win Them"—will be gladly sent you upon request. Forty years loving study of the birds has completed it. Things about the work of our song birds well worth knowing!



Famous Dodson Sparrow Trap guaranteed to remove this pest, \$8.00.



If you still plant this way—

Try the Planet Jr.—the better way

You'll get twice as much fun and infinitely better results from your garden, by doing away with the back-breaking pattering of the old hand way. This wonderfully simple and accurate Planet Jr. seeder and cultivator will plant your garden and keep it level and weed-free in minutes where otherwise you spend hours. Now you're planning your 1923 garden, plan to make it a real Planet Jr. garden, and see the difference.



The Planet Jr. No. 4 is our most popular seeder and wheel hoe combined. Other styles of seeders and wheel hoes are shown in the Planet Jr. Catalog. Write for your copy.

S. L. ALLEN & CO., Inc.
Dept. 34
5th. & Glenwood Ave.
Philadelphia

Planet Jr.

This mark and the name "Planet Jr." identify our products.

You too can grow this wonderful asparagus



Think of putting in a big bed of giant Washington Asparagus for \$1.00.

Washington Asparagus is rust-resistant, insuring heavy yields of stalks from one to two inches in diameter. Growth is clean and straight. The shoots are dark green with a heavy purple tinge. The bud does not branch until well above the cutting height.

Washington Asparagus is the most palatable and tender variety known. It was developed in the U. S. Department of Agriculture, by whom we are listed as approved growers.

A packet of seeds, or 50 roots, will plant three rows each 50 feet long, more than sufficient for the average family requirements, and will produce for twelve years.

Send \$1.00 for a packet of selected seeds, or, if you prefer, \$5.00 for 50 roots, or \$3.00 for 25 roots.—Post-paid anywhere in the United States; complete cultural instructions with each order. Prompt ordering is suggested as our supply is limited.

RIVERVIEW FARMS R.F.D. 7 Bridgeton, N. J.

Novelties for 1923

AMERICA:

The new clear pink Rose rivals the American Beauty in size of long pointed bud—growth strong and clear—it lasts longer in water than any other variety. Two year old dormant plants \$2.50 per plant. Spring delivery.

SOUVENIR DE CLAUDIUS PERNET:

The sensation of last year—clear primrose yellow. \$2.50 per plant, \$25.00 per dozen.

CHOICE HYBRID DELPHINIUM:

Price \$5.00 dozen, \$35.00 hundred.

SOUVENIR DE GEORGES PERNET:

The new Pernet introduction, wonderful shade of orange red shading to carmine—strong grower and free bloomer. Two year old dormant plants, \$3.00 per plant, \$30.00 per dozen.

NEW CHRYSANTHEMUMS:

Ethel Marie Johnson, 50c each.
Mrs. F. Norris Collins (bronzy-red Single) 50c.
Mrs. Charles Stout, 50c each.
California, 50c each.
Pompom and standard sorts.

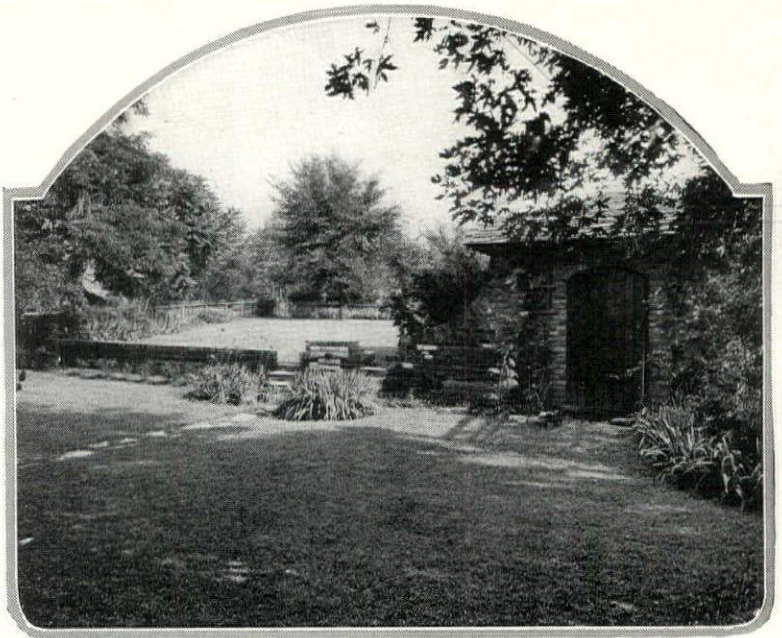
WRITE FOR OUR 1923 CATALOG: offering the choicest among new plants for your garden. Mailed on request to House & Garden readers.

Charles H. Totty Company

Headquarters for the Unusual among Novelties

MADISON, - - NEW JERSEY

New York City Store: 4 East 53rd St., (Between 5th & Madison Aves.)



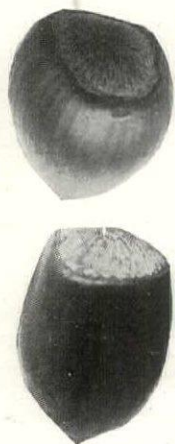
By using low walls, the divisions of the garden can be marked. Such divisions add greatly to the garden's interest, as in this example from the Country Club District of Kansas City

SUGGESTIONS FOR GARDEN DESIGNS



(Below) A pergola and low wall give the setting for this pool on the estate of Robert Glendenning, Chestnut Hill, Pa.

An iris walk, such as this one designed by Clarence Fowler, is a beautiful feature for a country place in spring



Improved European Filberts

Both Handsome Shrubs and Real Nut Producers

For ten years we have specialized in propagating these plants so that you can grow this Great Nut Delicacy, Big Meaty Filberts (Hazel Nuts) on your own grounds.

Here is a beautiful shrub which yields such an abundant supply of large nuts that it not only fills an important place in ornamental plantings and in nut borders for walks and drives, but is a success commercially.

Plants bear the second or third year after planting and at the tenth year yield 20 to 25 pounds per bush.

Thrive in any moderately rich, well-drained soil, with very little cultivation and succeed over a wide range of territory and latitude. Are **HARDY** and **ADAPTED TO THE MORE NORTHERN STATES.**

Another specialty is the

New Everblooming Rugosa Rose



Everblooming Red Rugosa

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.

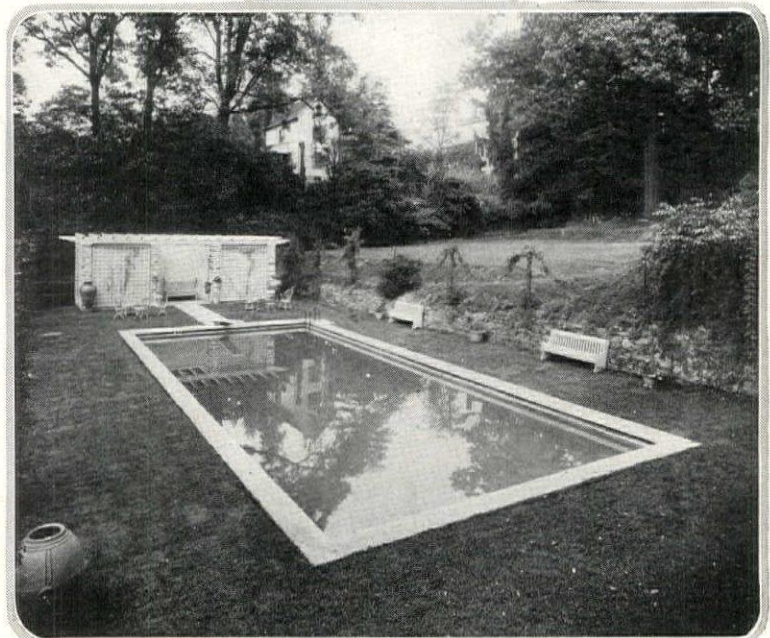
These are only two of our specialties. Many others are illustrated in full color in our *Free Catalog for 1923.* Send for your copy today and find out about our splendid assortment of Fruit and Ornamental Trees, Shrubs, Roses, Berry Plants, etc.

L. W. HALL COMPANY, Inc.

America's Exclusive Producer of Improved European Filberts

487 Cutler Bldg., Rochester, N. Y.

Splendid Nursery Stock of all kinds



Dahlias

of distinction for 1923

SPECIAL COLLECTION

For readers of the House & Garden

Ruth Van Fleet	\$ 3.00
Mrs. Stillman	2.50
Rochambeau	3.00
Gen. Bell	3.00
Jean Anderson	1.00
Ninigret	1.00
Powhatan	1.00
Frances Lane	1.00
Forest Loma	1.00
Stephen Loma	1.00

\$17.50

To introduce these 10 beautiful new dahlias originated by myself I will send the whole 10 while stock lasts (in one shipment only) for the very low price of \$12.00. If sold out your money will be immediately returned. Immediate shipment, or after April 1st. Address

George L. Stillman
DAHLIA SPECIALIST
Box H-G 23

Westerly, Rhode Island.

To Garden Lovers:

We offer, at reasonable prices:

300 Varieties Gladioli, Forty-five acres,
350 Varieties Perennial Plants, field grown, Twenty-five acres,

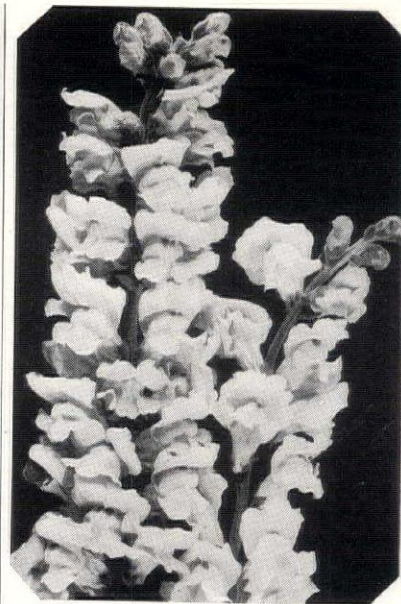
300 Varieties Perennial Seeds—The only concern in America planting perennial plants especially for seeds.

Hundreds of Annuals in Staples and reasonably priced Novelties, including the world's finest Asters, Snapdragons, Stocks, and other important items.

A good selection of Ornamentals and hardy climbers.

Write for free catalogues to

Ralph E. Huntington
Painesville, Ohio.



Introducing

four Superb new colors in Beckett's Mammoth Snapdragons

The luxurious growth and striking colors of this entirely new strain of Snapdragons, made it the sensation of last season. In size of spike and flower, they compare with nothing so much as Gladiolus.

Now Beckett's offer four striking new colors. Those who were fortunate enough to secure from us a supply of the seed last year, will want more this year.

New for 1923

Old Gold—Deep golden-yellow, changing into bright terra-cotta towards center. A fine blend of autumn colors.

Snowflake—Pure white, relieved by a dash of yellow in the throat.

Ruby Giant—Carmine center, shading to scarlet at edges; yellow lip. Gorgeous color effect.

Canary Bird—Clear delicate canary-yellow. The purity of color is most unusual and pleasing.

Sent Postpaid

Single Packets, 35 cents each.
Four Packets (one of each variety) \$1.25

The Original Six

Mammoth Snapdragons Introduced in 1922

Apple Blossom—Delicate pink; yellow lip and white throat.

The Rose—Clear deep rose-pink.

Wallflower—Bronzy orange, shading to coppery red at edges and to yellow in throat.

Copper King—Bright scarlet with warm copper sheen.

Lilac Spray—Lilac-purple with yellow throat.

Purple Glow—Glorious deep rosy purple.

Sent Postpaid

Single Packets, 25 cents each. Six Packets, (one of each variety) \$1.25 Ten Packets, (one of each variety, 1922-1923) \$2.50.

1923 Catalog Free

The new Mammoth Snapdragons are shown in full colors in Beckett's 1923 catalog of flower and vegetable seeds. This book contains plain directions, valuable suggestions and practical information for both amateur and experienced home gardeners. Send for free copy.

Beckett's Seed Store Dept. H.,
Established 1876
North Side Pittsburgh, Pa.

Dogwood Should Be Planted

At the very first sign of spring just as soon as the earth begins to loosen. And for perfect results they should be planted while still dormant, so that they may be thoroughly acclimated right from the first bloom.

We advise that you order your dogwoods now, for shipment about March 15th. By doing so you insure the best selections of stock, and an early planting. This is of great importance.

As an added inducement for you to order now (for later delivery) we have arranged the following special prices.

White Dogwood

3 to 4 ft.	\$3.95 each or \$9.50 per doz.
4 to 5 ft.	1.25 " 12.50 "
5 to 6 ft.	1.50 " 15.00 "
6 to 8 ft.	1.75 " 17.50 "
8 to 10 ft.	2.50 " 25.00 "
10 to 12 ft.	3.50 " 35.00 "

Pink Dogwood

2 to 3 ft.	\$1.25 each or \$12.50 per doz.
3 to 4 ft.	2.25 " 22.50 "
4 to 5 ft.	2.75 " 27.50 "
5 to 6 ft.	3.00 " 30.00 "

On request, our service department will be delighted to inform you just how to proceed in getting the maximum results with them, or for that matter, with any other gardening problem which may require expert knowledge. A request for this co-operation entails no obligations whatsoever.

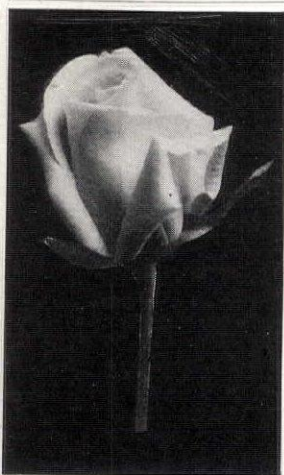
Send for our 12 page booklet "To Guide You In Your Spring Planting" Simply ask for Booklet No. 201, and it will be sent gratis.

"Successful for over a century"

AMERICAN NURSERIES

H. Edward Holden, Mgr.

SINGER BUILDING, N. Y.



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

Melrosine

The Tested and Proved Rose Bug Remedy

You need not feel nervous concerning your next crop of Roses, Peonies, Rhododendrons and all other delicately petaled flowers subject to attack by the Rose Bug! That pest has been definitely conquered. Simply use Melrosine, as per directions on every can, spray and you'll find it

Fatal to every bug it touches

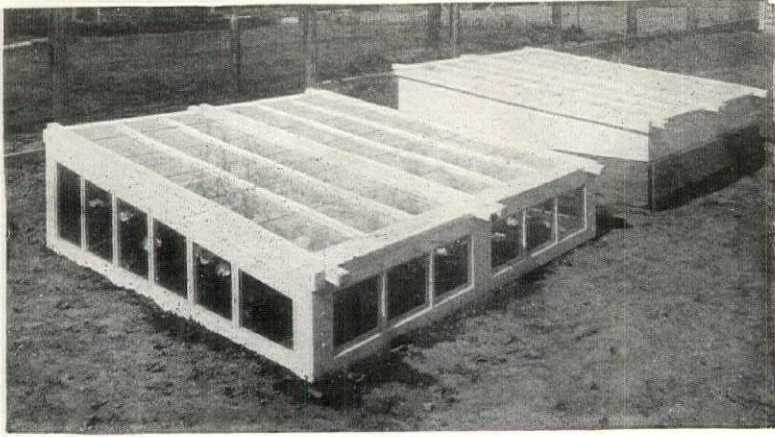
As an all-around contact insecticide, Melrosine proves an absolutely dependable remedy for plant lice of all kinds, thrips, spiders, and various soft scale insects. Withal it is pleasant and harmless to use.

For sale generally at horticultural supply stores. If yours cannot supply it, send 6cc. for trial can.

GARDEN CHEMICAL CO.
Park Avenue and 146th St., NEW YORK, N. Y.



Suggestions for Garden Designs



Start Your Garden Early

Your garden can be six or eight weeks ahead of time if you start it under

King

GARDEN FRAMES

and you can set out strong, healthy full grown vegetable and flowering plants when your neighbors are seeding their gardens.

It takes from three to four weeks after planting under garden frames to have full grown vegetables and flowers for your table and they arrive at the season when they are most enjoyed. Next fall, you can set out your garden frames and continue your garden until spring.

King garden frames are made of the best materials strongly joined and reinforced and, with reasonable care, will last a lifetime. If you want to start your garden early this year, now is the logical time to send for our catalogue which will be sent without cost to you.

KING CONSTRUCTION CO.

234 Wheatfield Street.

North Tonawanda,

New York

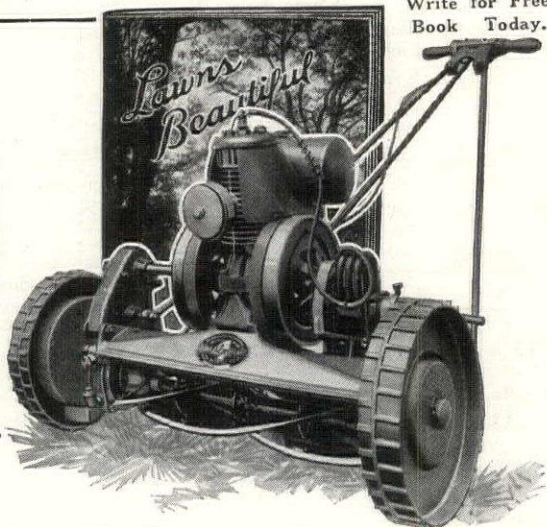
This Book Tells How To Make Your Lawns a Source of Pride

The new enlarged edition of "Lawns Beautiful" tells what many estate owners are doing to improve their lawns, and proves it by interesting pictures.

Lawn Protection is the result of proper cutting

Write for Free Book Today.

The "4-Acre" Power Lawn Mower described in this free book does the work of four or five men with hand mowers—a big saving in labor, and keeps the lawn in perfect condition.



The "4-Acre" Power Lawn Mower

is the standard of perfection in power lawn mowers. Cuts a swath 24 inches wide—4 to 5 acres a day at a cost of less than 40 cents a day. Scientifically constructed throughout. Surplus power for the hills, specially built for close easy work in and out among paths and flower beds—Death to Dandelions, weeds, ant hills and worm casts. Built for sturdy compactness, handiness, simplicity, economy and efficiency.

JACOBSEN MANUFACTURING CO.

Dept. A, Racine, Wis., U. S. A.



Part of the garden on the estate of H. S. Firestone, at Akron, Ohio, is laid out in a formal style reminiscent of the Italian



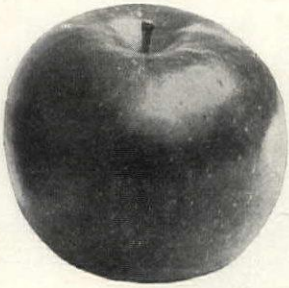
Even so simple a thing as a garden gate requires a good design. This one is by Marian C. Coffin, landscape architect



An interesting use of a pergola is found in this Kansas City garden, where the pergola commands the garden's bright point

Among the many excellent gardens in Wilmington, Del. is that of A. Felix du Pont in which a pergola serves as a background





Maloney

TREES, SHRUBS
AND VINES

all the choicest varieties grown in our own upland Nurseries, the largest in New York State, and offered to you at grower's prices—For 39 years we have been building up our big Nursery business by delivering only the best quality stock, grown, dug and shipped under our personal supervision.

We know the varieties sent you are just what you order and guarantee them to be absolutely healthy as well as true to name—We sell direct from our 400-acre Nursery at cost of production plus one profit. That's why Maloney customers get better trees at such exceptionally low prices.

This spring we have a fine assortment and can give you what you want. Send today for our FREE DESCRIPTIVE CATALOG, and place your order early.

We prepay Transportation Charges on All Orders for Over \$7.50.

MALONEY BROS. NURSERY CO., Inc.

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Dansville's Pioneer Nurseries

SEND FOR **Big Free Catalogue**

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THE best gardeners choose Sutton's Seeds year after year, because they know the name Sutton stands for leadership in plant breeding. For more than a century the name, Sutton's Seeds, has meant the purest strains, hardiest plants and surest germination of seeds. All over the world Sutton's Seeds are spreading the choice beauty of English gardens in vastly improved strains of flowers and vegetables.

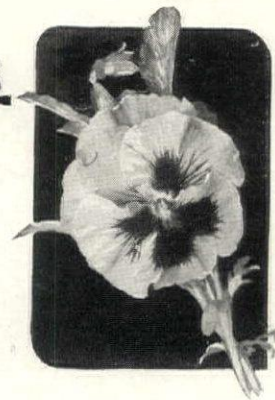
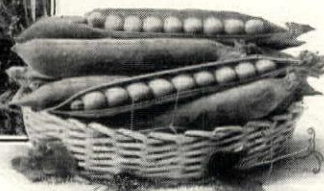
The seventy-seventh annual issue of our Garden Catalog and Amateur's Guide is valuable not only for the descriptions and classifications of the numerous varieties of all flower and vegetable seeds, but more so for the splendid informative cultural notes which are the result of many years of intensive study and hard work.

Send 35c for this helpful book. We credit this amount to your first seed order amounting to \$8.00 or more. You should send immediately for your copy of the catalog. Address Dept. A.

Sutton's Sons

Royal Seed Establishment
READING, ENGLAND

The Seed Business with a Record of 116 Years



FEBRUARY DOINGS IN YOUR GARDEN

One of a series of Monthly Messages from Henry Hicks

This is "The Month of Garden Inspiration." Now most gardeners read catalogues, make plans for the garden, and decide on the new plants and trees that are to be added to their garden treasurers. So, before we forget it, I want to say a word about

Hicks' Big Trees

Fifty years ago Hicks Nurseries began moving big trees for some of the large Long Island estates; a little later for communities like Garden City, and for social organizations like the Meadow Brook Club.

We believed that home owners generally would appreciate trees that gave shade the first summer. So we set aside a part of the nursery where Maples, Lindens, Oaks, Pines and Spruces could be brought up from the common little nursery tree, no thicker than your thumb, to a sturdy tree with a trunk 4 or 5 inches and more in diameter.

You may think these trees are high in price. They are not, when you consider what you get. These big trees have been growing from ten to fifteen years—they are not saplings, but real trees. For a common little tree you will pay about \$5, and then wait several years for it to grow big enough to be useful. Isn't it wiser to pay a little more at first and get time-saving trees that are worth having?

Here is a list of Trees That can be Moved Now

Norway Maple	18-22 ft. 4 in. dia.	\$15.00
" "	18-22 ft. 4 1/2 in. dia.	25.00
" "	22-24 ft. 6 in. dia.	50.00
Sugar Maple	12-14 ft. 2 1/2 in. dia.	6.00
Pin Oak	14-18 ft. 3 in. dia.	15.00
" "	16-20 ft. 3 1/2 in. dia.	20.00
Swamp White Oak	14-16 ft. 3 1/2 in. dia.	25.00
Linden, Silver	Leaved	
" "	18-22 ft. 5 in. dia.	40.00
" "	22-26 ft. 7 in. dia.	75.00
Douglas Spruce	8 ft.	20.00
Pines.	Half a dozen varieties in varying sizes; write for prices.	

Hicks Guarantees These Trees To Live and Grow

Whether your home is on Long Island, or as far away as the Mississippi River, these trees can be carried by truck or railroad, will arrive safely and will grow. We take all the risk.

Our methods are entirely distinct, have been in actual effect for more than a generation, and we know that you will get real happiness and satisfaction from Hicks time-saving trees. We dig them with big balls of earth so that planting can be done in February as well as any other month.

Flowering Shrubs and Vines

These are the intimate, friendly things about small and large grounds. If you get them in the ground this month, you will be enjoying their growth and beauty in mid-summer. You can get a lot of fun in making over the grounds—just as much as in rearranging the living room or library—and shrubs are the things to use for this purpose. We shall be glad to give suggestions if you send us a sketch of your present garden. You might also visit the nurseries, pick out the shrubs you want, and take them away in your car or have them sent later.

Remember, "If you love a plant you can make it grow any time".

A New Catalog Coming

A revised edition of "Home Landscapes" is almost completed. Copies will be mailed to regular customers without further notice. If you have not had anything from us recently, just send your name and address so a copy of "Home Landscapes" can be forwarded—without charge of course.

HICKS NURSERIES

Box H, Westbury, L. I.
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Rugged New England Grown Nursery Stock.

The sturdy ruggedness of trees and shrubs grown in this climate is well known. This is the windiest section of the United States, east of the Rocky Mountains.

EVER - GREENS

We have growing in our nursery the largest collection varieties. And all true to name. We received the Gold Medal at the 1916 Show of the Massachusetts Horticultural Society, the only one given in its existence of nearly a Century.

WE TRANSPLANT every two years. With the rugged climate, shallow sandy soil, with gravel subsoil, we develop strong root systems, healthy plants that will be hardy everywhere in this country. The conditions on your place should be less rugged than here certainly. So these trees and shrubs are bound to grow better for you. Send your list of wants.

Blue Hill Nurseries, Inc.,

(Catalog on request)
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The Roses of New Castle



Are the hardiest, 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 1923 "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, 252 New Castle, Ind.



A wonderful Novelty in Flowers

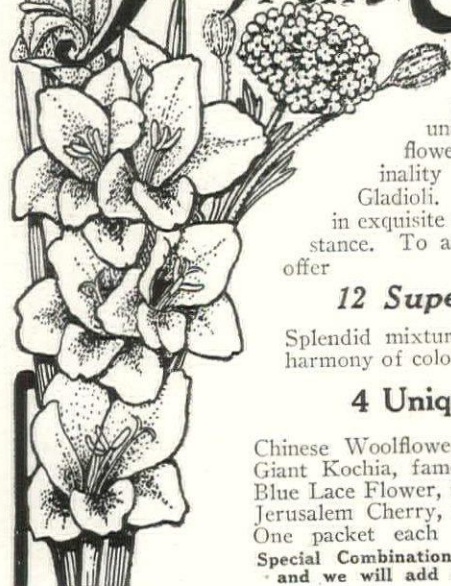
THE Celosia Chrysantheflora, illustrated here, is a wonderful novelty that will add radiant color and beauty to your garden. The rich, velvety heads are of immense size, often 10 inches in diameter. A variety of colors—red, yellow, orange, white, light green and mauve. Excellent for long-lasting winter bouquets. This is only one of the many wonderful flowers described and illustrated in Barteldes' 56th Annual Catalog. This interesting book and Barteldes' Garden Guide—a book of value to every gardener—are free for the asking. Write today for your copies of these helpful books.

BARTELDES SEED CO.
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Barteldes SEEDS

Flowers from Childs



Let your garden reflect your personality. Plant it with the unusual! Among the many unusual flowers we offer, none surpass in originality and decorative value Childs' Gladioli. You will find them unexcelled in exquisite coloring, large size and great substance. To acquaint you with their merit we offer

12 Superb Gladioli Bulbs

Splendid mixture of Primulinus Hybrids, a full harmony of color, 12 sure-to-bloom bulbs.....25c

4 Unique Seed Novelties

Chinese Woolflowers, radiant crimson.....20c pkt.
 Giant Kochia, famous decorative plant....20c pkt.
 Blue Lace Flower, like Queen Anne Lace....15c pkt.
 Jerusalem Cherry, red or golden berries....15c pkt.
 One packet each (70c value) for25c
Special Combination Offer: Send 50c for both offers and we will add superb named Dahlia root FREE.

Childs' Catalog - the Guide to Greater Garden Delights-Free

During our half century of serving American Home-Gardeners, it has been our privilege to introduce many unique and rare plants. We are constantly striving to find other worth while material for your garden. Our catalog offers everything for old-fashioned gardens, Perennial or Herbaceous borders, Shrub backgrounds, Rockeries, or any other situation. Send for it promptly, to be able to take advantage of Special Premium for early orders. Mention this paper.

John Lewis Childs, Inc.,

Floral Park, New York



Residence of Russell von Beren
New Haven, Conn.

Year-round Beauty

A well thought planting plan embraces beauty all the seasons of the year.

Mr. Von Beren, in the photograph shown above, has used red cedars, arbor vitae, rhododendrons, flowering dogwood, spirea, forsythia and deutzia to advantage. Our Landscape Department can aid you, too.

If you desire a low formal edging, consider our well known specialty—Box Barberry.

Our prices are exceptionally reasonable for the quality stock offered. Write today for our 48 page illustrated catalog. If you live east of the Mississippi—it is free; if west—please enclose 25c in stamps.

The Elm City Nursery Company

Woodmont Nurseries, Inc.
 Box 194, New Haven, Conn.
 "The Pioneer Landscape Nurseries of New England"

THE Wolcott Nurseries take pleasure in presenting to the garden world a new and distinctive catalog containing a list of the choicest alpiners and herbaceous perennials in this country.

The greatest attention has been given to the description of these alpine flowers as well as detailed instructions for their successful care after transplanting. Many of these plants have heretofore been considered very hard subjects for the amateur gardener but with the proper soil requirements, which are given in this catalog, they should thrive and become a delight to the eye.

We believe that the alpine garden is a most fascinating part of the landscape and those who have grounds suitable for the successful placing of such a garden are indeed fortunate.

To insure this catalog reaching the true garden lover we are making a small charge of twenty-five cents which will be refunded with the first order.

WOLCOTT NURSERIES

Designers & Builders of Alpine Gardens, Herbaceous Borders, Landscapes.

Clinton Road

Jackson, Michigan

Holmes' Evergreens

Nothing in the plant world can quite replace the beauty and charm of Evergreens. As single specimens or in groups on the lawn, or massed around porches or foundation walls, they add an air of stately dignity to the modest suburban home, as well as the extensive estate. Every home should have a few Evergreens. The important thing is to choose the right sort and get the best quality. We have a complete stock and can meet every requirement as to variety, size, price, or quality. Let us send you our

New Catalog Free

The finest we have ever issued. Beautifully illustrated and printed. Contains complete lists of Evergreens and other shrubbery, garden field and flower seeds, roots, bulbs, etc. We will be very glad to mail you a copy on request. A postal will do.

HOLMES SEED & NURSERY CO.

Dept. 442

Harrisburg, Pa.



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 TRADE MARK
 PULVERIZED

Sheep Manure

Pep! That's what genuine Sheep Manure puts into your lawns and gardens. It supplies the HUMUS and plant food that makes soil rich and fertile, producing wonderful colors and luxuriant foliage. A convenient concentrated WAGON LOAD OF MANURE IN A WIZARD BAG. Sterilized—weed seed killed—unequaled for grass, flowers, shrubbery, berries, fruit and all vegetables.

Insist on WIZARD to be sure of genuine Sheep Manure. Ask your seedsman or write today for booklet and prices.

Don't plant without Wizard Brand

THE PULVERIZED MANURE CO.
 25 UNION STOCK YARDS CHICAGO, ILL.

A Splendid Rose Garden for \$10

Twelve Fascinating Roses that will bloom from early summer until frost

- Madame Butterfly—Bright pink, apricot and gold..... \$1.50
- Francis Scott Key — Large, very double, deep red..... 1.00
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Twelve 2-year-old, strong, well-branched and rooted, field-grown, budded plants that would cost \$13.75 if purchased separately, all for \$10.00, prepaid to you.

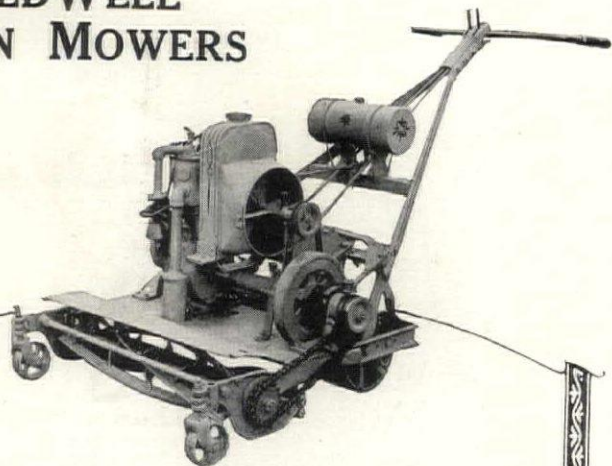
A good Rose garden will thrive and be a source of pleasure for years.

Order at once. Roses will be shipped at proper time for planting.

Send for our Spring Seed and Plant Book, listing many fine Roses, Flowers, Vegetables, the best of the new and older varieties. It's condensed, and easily read. Free for the asking.

HART & VICK—Seedmen
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A Lawn or a Yard?

WHICH? The difference is in care of the grass—a lawn of velvety green requires frequent trimming and gentle rolling; a yard—well, it just grows of its own accord.

In Coldwell's Model "L" three good lawn requisites are supplied—keen-cutting, power-driven blades of high frequency, and full width roller that gently tamps the turf, and a large capacity for work—six acres per day if needed, permitting the proper frequent trim.

The Model "L" is simple in operation, low in fuel consumption, and withal, the most economical mower of all power types.

*Which will you have?
A lawn or a yard?*

COLDWELL LAWN MOWER CO.
NEWBURGH, N.Y., U.S.A.

Deming

HAND AND POWER PUMPS FOR ALL USES



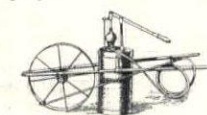
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The "Gardener's Choice"

'Perfect Success' Bucket Sprayer

Attaches to any pail; easily carried. Pump working parts are brass. Large air chamber makes pumping easy and maintains uniform spray.



Spraero Junior Compressed Air Sprayer



Easily carried in one hand. Operates by trigger control; shoots the spray right where you want it in your bushes and hedges.



One man cart sprayer for general spraying. The 24 gallon tank makes it particularly adaptable for shrubbery spraying or green house work in private estates.

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New 1923 catalog covering the entire line of Deming Sprayers free. 10c to cover cost will also bring our valuable spray guide, "Spraying for Profit".



THE DEMING CO., 501 Depot St., SALEM, OHIO

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Lovett's for Small Fruits

PLANTS OF KNOWN VALUE

For almost half a century the name of Lovett has stood for the choicest obtainable in Raspberries, Strawberries, Blackberries, Grapes and all those nursery products generally known as small fruits. During our business career we have had but one single aim; to grow the choicest plant products obtainable under congenial soil and climatic conditions, with the help of skilled labor.

The existence of thousands of satisfied customers throughout the land speaks in a measure for the quality of the plants we have supplied. We shall continue to make every endeavor to produce a plant product better than the ordinary commercial grades. Please write for the

45th Annual Edition of the Catalog

Through it we will endeavor to introduce to you what we feel is the largest stock of really choice varieties of small fruits, besides some unusual Roses, a broad line of hardy perennials and other select nursery products.

Mailed to all our customers of record about middle of January, but we would like to see it in the hands of every House & Garden Magazine Reader not at present among our customers.

LOVETT'S NURSERY

Box 152, Little Silver, NEW JERSEY

G & R Hardy Roses

On their own roots. Sure to bloom. True to name. RAINBOW COLLECTION

5 Hardy Roses. Different colors.

Pilgrim—Best Rose, Pink.

Legion—Rich Crimson.

Helen Good—Pink and Cream.

Mad. Butterfly—Coppery Pink.

Florence Forrester—Snow White, tinted Lemon.

Mailed postpaid to any address. Guaranteed to reach you in good growing condition.

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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6 Liberty Iris—Choice colors—assorted...\$1.00

3 Decorative Ferns—New sorts, Roosevelt, Teddy Junior and Ostrich Plume...\$1.00

4 Dahlias. A very select list which includes the most desirable colors: Jno. Wanamaker—Gorgeous Pink, Decorative. SPRINGFIELD—Salmon Pink. Cactus. Rene Cayeaux—Scarlet, Cactus, ARABELLA—Yellow, tipped Pink, Show

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The Good & Reese Co.

Dept. 605 Largest Rose growers in the World Springfield, Ohio.

Water-Lily Booklet ABSOLUTELY FREE

Answers all the "hows" and "whys" you want to know. Supplies cultural instructions and explains clearly the simple needs of these lovely flowers. You can have tender or hardy sorts, day or night blooming varieties in your garden.

You Can Grow Water Lilies

A tub, water, dirt and sunlight are the only things needed. Our catalog tells which varieties are adapted to tub culture. Send your name for a copy today.

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Box H, Independence, Ohio.



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This advertisement shows only a few of suggestive features from our catalog containing several hundred distinctive garden decorations.

When writing for copy, enclose 20c and ask for catalogue "P-34."

Hartmann Sanders Co.

Main Office and Factory

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Eastern Office and Show Room

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Garden Houses
Lattice Fences
Garden Furniture
Sun-Dials & Gazing Globes



You Can Trim Those High Limbs Without Stretching

There is no task to tree trimming when you use a Bartlett Jointed Compound Lever Pruner—because it is jointed. The Bartlett comes in four foot sections that can be easily and quickly locked together to give you a trimmer of the desired length. With a Bartlett Jointed Trimmer you can reach high limbs without using a ladder and you can always snip the low branches from the proper angle.

The cutting end has a COMPOUND LEVER that will cut with ease branches up to 1 1/4 inches in diameter. The blades are made of crucible tool steel and only the best materials are used throughout.

Expert horticulturists everywhere endorse the Bartlett Tree Trimmer.

Prices

- 8 ft. Jointed Pruner consisting of top section and handle weight 5 lbs. \$4.20
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16 ft. Jointed Pruner consisting of top, handle and two intermediate sections weight 9 lbs. \$4.80



Above prices F. O. B. Detroit. Include postage if shipment is desired by parcel post.

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BARTLETT Manufacturing Co.

439 E. Lafayette Ave. Detroit, Mich.



For His "Fairyland" Estate in Memphis

Mr. Clarence Saunders, originator of "Piggly-Wiggly," chose a Page Protection Fence made of "ARMCO" Ingot Iron.

A Page Fence—Because its simple, attractive design harmonizes with the grounds, and because the non-climbable wire-link mesh gives positive protection against intrusion.

Made of "ARMCO" INGOT IRON—Because this famous rust-resistant metal (used for no fences other than Page) gives assurance against corrosion, and increases three or four-fold the life of the enclosure.

An illustrated booklet, "FENCES—for Protection and Beauty," will be sent you on request. Write to

PAGE FENCE & WIRE PRODUCTS ASSOCIATION, 219 North Michigan Avenue, Chicago



America's first wire fence—1885

PAGE PROTECTION FENCE



The only wire fence made of Armco Ingot Iron



Keith's Special \$2.50 Offer

Your choice of one of Keith's three NEW big \$1.00 plan books (just published—one each of bungalows, cottages and two-story houses in frame stucco and brick—112 designs in each book) and 8 months subscription to Keith's magazine—all for \$2.50.

Keith's Magazine

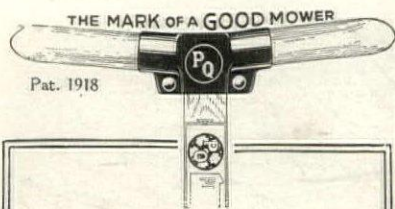
for 23 years an authority on planning, building and decorating homes—full of helpful suggestions and ideas for home-builders and home owners—

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Keith-planned homes are different—the utmost in artistic design, distinctiveness, convenient arrangement and comfort. Keith Home-Builders Service enables you to get the most satisfactory home with greatest economy.

Set of 3 big plan books (366 plans) and year's subscription to Keith's—\$4.50
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Pat. 1918

The new **STAYTITE** handle identifies Pennsylvania Quality Mowers

Ask your Hardware Dealer or Seedsman



DOUBLE SIZE RASPBERRIES

"Sweet as honey"



Green's Syracuse Red Raspberry

Twice the ordinary size and of the highest flavor. Hardy, and will weather the severest winter. An abundant bearer; energy goes into fruit instead of plant; its flesh is firm and juicy; a beautiful bright crimson. Fruiting season is long. Orders limited to one to 50 plants to a patron.

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Buy Green's Pedigreed Trees

—Buy direct from Green and save money as thousands of others have done during the last 40 years. Eat Green's fruits and live longer—Green's Apple, Pear, Plum, Peach, Nut Trees; Green's Currants, Gooseberries, Blackberries, Raspberries, Strawberries; thrifty northern grown shade trees and shrubs.

64-Page Catalogue Free

You will save agent's profits—our trees have been sold by catalogue only for more than 40 years. Green's catalogue is filled with practical and useful information on fruit growing. Also ask for C. A. Green's booklet "How I Made the Old Farm Pay."



Some people have all the luck—

It's wonderful how some fellows seem to be born with blue ribbons in their mouths!

Anybody'd be proud to be seen at the other end of their leads. They don't have to pull the baby out of the well, or rescue the cat's kittens when the house is on fire.

Your luck begins when you are the proud possessor of a real dog. We'll help you in your quest if you will write to

The Dog Mart House & Garden
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Pulverized Sheep Manure Best for Lawns and Gardens



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SHEEP'S BRAND HEAD
NATURAL GUANO CO.
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Nature's Own Plant Food

Great for Lawns, Grass Plots, etc. Especially good for gardens, etc., where quick and certain results are necessary. Used extensively for small fruits, shrubbery, etc.

Sheep's Head Brand is rich in nitrogen, phosphoric acid and potash, also adds humus. Guaranteed absolutely clean—nothing but sheep manure—free from weed seeds which are killed by heat. Dried and pulverized for easy application. Circular and prices on request.

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This Free Book shows how families everywhere are getting big crops and big profits from early summer until snow flies from Kellogg Everbearing Gardens. It also tells about Kellogg's new Strawberry Sensation, the most remarkable berry ever brought out, our

NEW \$50,000 EVERBEARER

America's greatest Everbearing Strawberry. Find out Where it came from—Who brought it—and Why it cost \$50,000. Free Book tells all. Also offers Six Special Strawberry Gardens at Bargain Prices—a garden to fit every need and every pocket book. Here is one of them. You can order direct from this ad if you wish.

Send for FREE Book

But whether you order this garden or not, don't fail to write for our Free Book, which tells all about Kellogg's great crops of Strawberries and how to grow them.

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Only \$2.85 Delivered

We've Done the Waiting

YOU can enjoy the comfort of pleasant shade this coming summer. For years, Harrison's Norway Maples have been developing in the nursery, until many of them have attained a girth of eight or nine inches and a height of from fourteen to sixteen feet. These husky trees will soon provide a pleasant shade where youth can play and age can dream. They have straight trunks and shapely heads. And our prices for such fine trees are low. For instance, we'll ship you ten of the largest size (2½ to 3 in. caliper) for only \$60. Individual trees, \$7 each. Smaller sizes cost proportionately less.

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Two Helpful Booklets—FREE

A postal request will bring you two handsome booklets—our 1923 "Planters' Guide" and "Home Beautifying Suggestions". With these helps even the beginner can work out a delightful arrangement and selection. Write for your copies today.



Norway Maples Make Quick Shade

Harrison's Nurseries

J.G. HARRISON & SONS PROPRIETORS

Dep't 51

Berlin, Maryland

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Try this convenient FERTILIZER FREE

A real result producer

Clean, odorless and stainless. Scientifically prepared, correctly balanced; a perfect plant food. Just what every gardener wants. Try it at our expense. After a trial you will always use it.

STIM-U-PLANT

JUST WHAT PLANTS REQUIRE

in convenient tablets, keep indefinitely. A tablet inserted in the soil of pot plants every month or so, makes plants thrive. In the garden, insert in the soil near the plants, along rows or in the beds, according to directions. Greatly increases production of flowers and their size, intensifies color and fragrance. Increases size, productiveness, color and flavor of fruits and vegetables, and hastens maturity. Beat your neighbors with early vegetables. Makes excellent liquid fertilizer for all plants, lawns, etc.

Send \$3.50 for 1,000 Stim-U-plant tablets and we will deliver them prepaid anywhere in the United States. With them we will send a trial package of Stim-U-plant tablets for testing. Use the test tablets on house plants or elsewhere and if results are not perfectly satisfactory, return the package of one thousand tablets and we will immediately return all your money.

We assume all risk, to show the many enthusiastic garden lovers, who are readers of House & Garden, just how valuable Stim-U-plant is to them and how the heretofore disagreeable task of fertilizing is now a real pleasure.

No other fertilizer manufacturer makes such a satisfying offer!

Your plants, trees, lawns and garden can be made to thrive and your interest in them will be renewed and greatly increased.

Accept our offer and make the acquaintance of this garden comfort at our expense. Order now and have the fertilizer on hand and ready when it is wanted.

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Nelson Ave. & Hill St.
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VICK'S GARDEN & FLORAL GUIDE for 1923

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For vegetable growers and all lovers of flowers. Lists the old standbys; tells of many new varieties. Valuable instructions on planting and care. Get the benefit of the experience of the oldest catalog seed house and largest growers of Asters in America. For 74 years the leading authority on vegetable, flower and farm seeds, plants, bulbs, and fruits. 12 greenhouses. 500 acres.

Vick Quality Seeds Grow the Best Crops the Earth Produces

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JAMES VICK'S SONS, 18 Stone St. Rochester, N. Y. The Flower City



Flower Grass Vegetable SEEDS

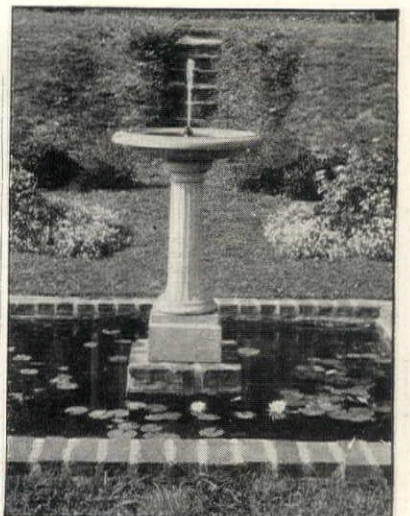
You may depend on the High Quality of our Flower, Vegetable and Grass Seeds. They come only from the most reliable sources in Europe and America.

Send for Catalogue

Eighty pages of valuable information about Seeds, Bulbs, Plants, Tools, Fertilizers and Insecticides—with Planting Table and Planting Calendar.

HOSEA WATERER SEED AND BULB IMPORTER

628 Chestnut Street, Philadelphia, Pa. "Everything 'o' Garden and Greenhouse"



CALLOWAY POTTERY

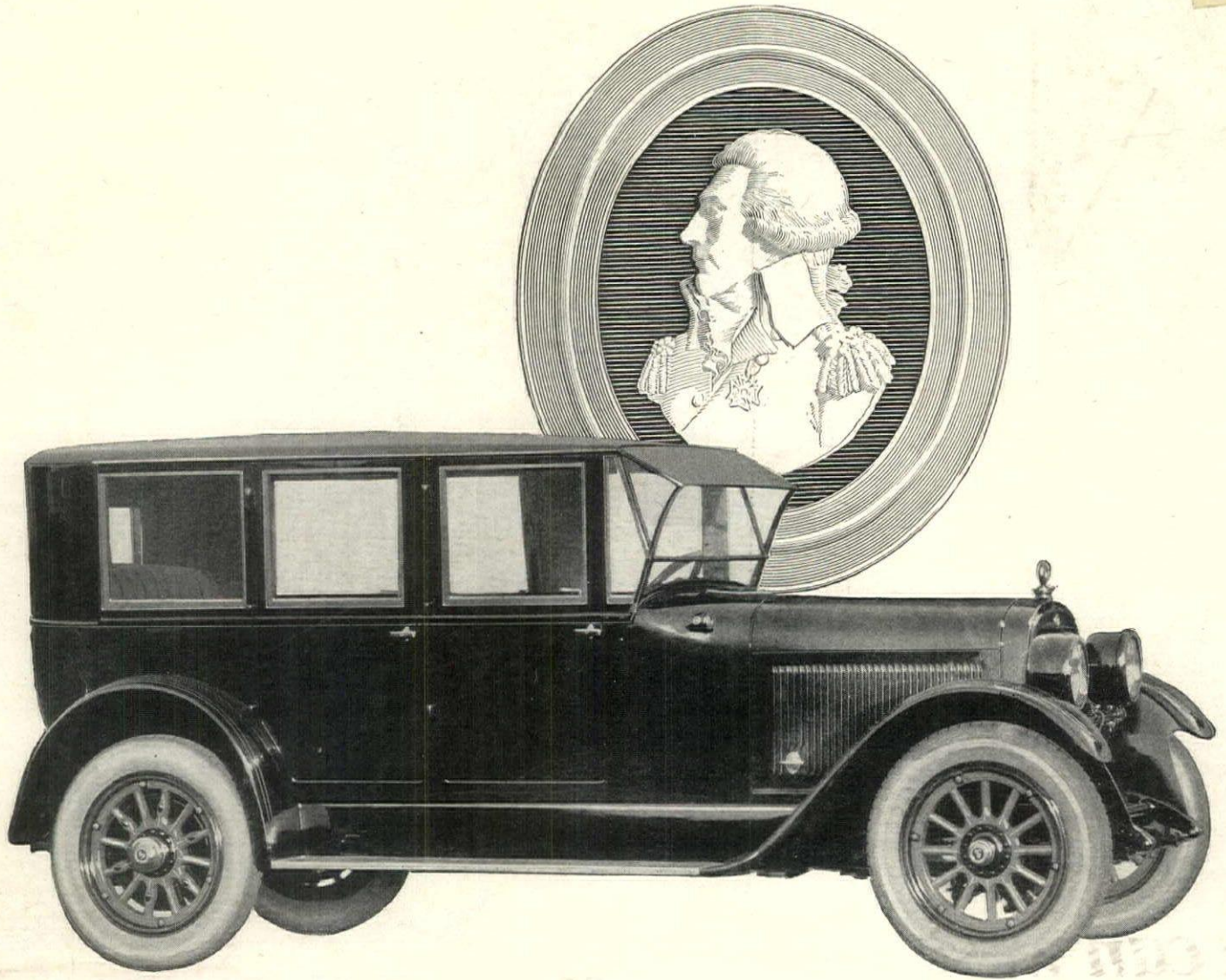
Gives the Essential Touch

A Bird Bath will make a delightful spot in your garden. The beauty of your plants will be enhanced by interesting Vases and Jars. Many attractive designs can be selected from our collection of enduring Terra Cottas, which also includes Benches, Fountains, Sun Dials and other charming decorative pieces for the garden, sun room and home.

Estab. 1810

Kindly send 20c in stamps for catalogue illustrating 300 numbers.

GALLOWAY TERRA COTTA CO. 3218 WALNUT ST. PHILADELPHIA.



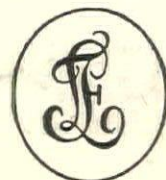
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It is to know that such satisfaction will be con-
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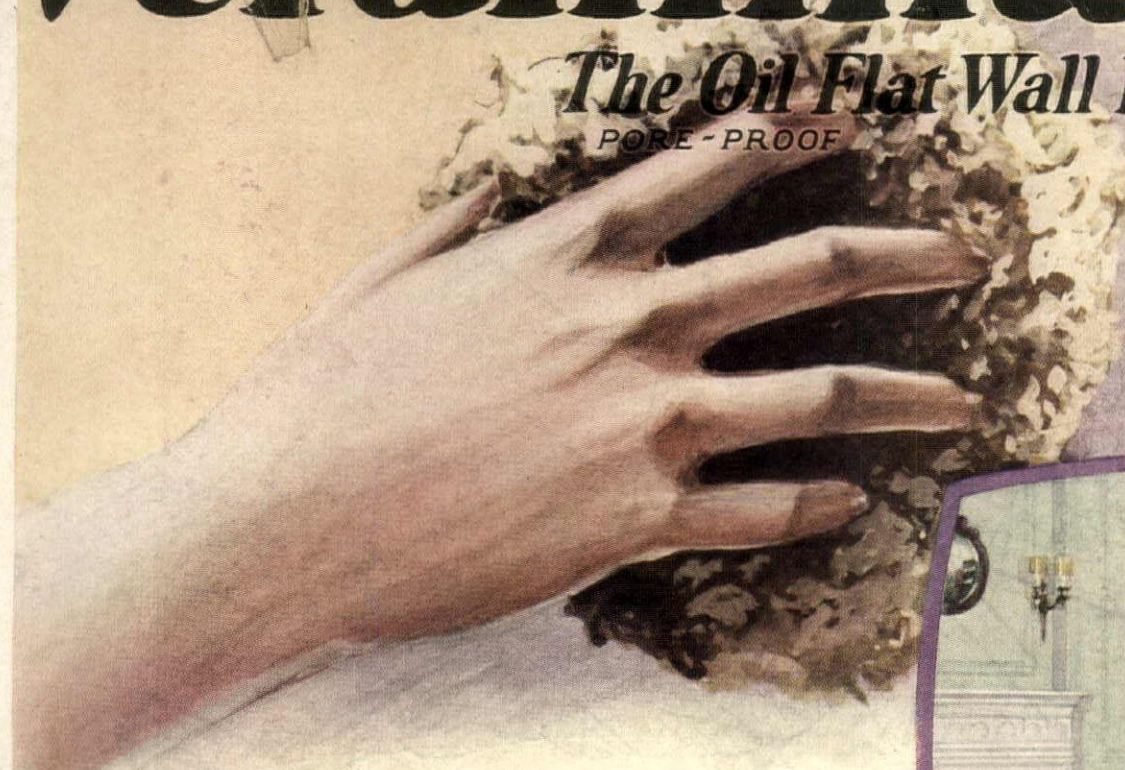
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Velumina

The Oil Flat Wall Paint
PORE-PROOF



You can wash those soft artistic walls

Soap and water take the place of redecorating when your walls are painted with Patton's Velumina. This famous oil flat wall paint is pore-proof and durable beyond words. Dirt, dust and grime cannot penetrate its hardy film. They can only adhere to the surface and are easily washed away.

This artistic, economical, long-service wall paint comes in white and sixteen attractive tones. It is one of the many high-grade products manufactured by the Pittsburgh Plate Glass Company—each known for quality and perfect service.

No matter what you need in the way of glass, paint or varnish products, the Pittsburgh Plate Glass Company manufactures something that will meet your requirements exactly. Handled by quality dealers everywhere.

A good brush is as necessary as good paint.

Architects and decorators recommend Velumina highly. For it gives walls the rich, soft-toned simplicity that is so desirable. Also, it diffuses light perfectly. Those who live in the atmosphere it creates find its quiet beauty a continuous source of satisfaction.

PATTON'S SUN-PROOF PAINT resists action of sun and weather. Very durable and economical.



PITCAIRN WATERSPAR COLORED ENAMEL assures you a rich, mirror-smooth, washable finish. Flows freely. No brush marks. Easily applied.



PITCAIRN WATERSPAR VARNISH puts a rich, waterproof finish on floors, furniture and woodwork. Never turns white.



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