YOUR HOME

Here you see homes of thorough satisfaction—beautiful, durable "for all time and clime."

BISHOPRIC STUCCO over BISHOPRIC BASE will insure your home against high upkeep and depreciation. Its life will not be reckoned in years, but by generations.

Bishopric Stucco and Bishopric Base are insulated, repelling winter’s cold and summer’s heat—cutting down fuel bills.

Comfort and fuel economy are mighty factors in every home owner’s budget.

GRASP THESE FACTS—Bishopric Base LOCKS the stucco assuring strong, damp-proof walls. Good stucco should be water-proof as well as strong; BISHOPRIC is the strongest and most water-proof stucco that can be manufactured. Time and the elements are resisted by the strength and permanency of this matchless combination—BISHOPRIC BASE AND STUCCO.

The BISHOPRIC MANUFACTURING CO.

600 E. 6th Ave. Cincinnati, Ohio

California Office: 606 E. 6th Ave. Cincinnati, Ohio

BISHOPRIC MFG. CO. OF CALIFORNIA

Los Angeles

PLAN BOOK—We have a book of interesting house plans, designed by several prominent architects. This will be sent to you upon receipt of twenty-five cents—coin or stamps. Write today for your copy.
The "Royal" road is any road today—Fifth Avenue—"Main Street" or the country highway and byway. The service that Royal Cords are giving on all types of cars is so truly remarkable that owners who are first attracted by their fine appearance soon come to appreciate even more the beauty of their utility.

United States Rubber Company

U.S. Royal Cords
Pictured above is the Studebaker Special-Six Sedan—a study in the unobtrusive smartness of good form, which characterizes coachwork by Studebaker. The accessories, of course, are complete to the smallest detail—no single refinement, no minute convenience forgotten. The price is $1985.

**Coachwork by Studebaker**

—a warrant of the superlatively fine vehicles for more than 72 years

To attain the eloquent distinction between that which is bizarre and the simple dignity of good form—between obvious ostentation and unobtrusive smartness—is an art in carriage making which cannot quickly be mastered.

For more than 72 years, Studebaker has been carriage maker to the American aristocracy, meeting precisely and properly the wishes of the cultured.

So the débounaire yet distinguished Studebaker closed car that you see is not a chance result. Generations of fine carriage building stand behind it.

It is the product of a city of coachmakers, the Indiana center of South Bend, noted internationally as the world-Mecca of artisans in this craft.

Send for the book

There is no greater myth in automobiles than that the price of a car is a measure of its class. We have just prepared a book, "Why You Cannot Judge Value By Price," of particular interest to the woman who seeks the utmost. It tells the five points needed to judge a car expertly why some cars rattle at 30,000 miles, others not. One simple point that reveals instantly whether a closed car has been cheapened to meet a price or offers true quality. Mail the coupon for a copy.

**Mail This:**

STUDEBAKER, South Bend, Indiana

Please send me your booklet, "Why You Cannot Judge Value By Price."

---

The finest materials money can buy are used in Studebaker cars. The workmen employed are the cream of the industry, to whom top wages, plus a bonus, are paid. There are numerous features in Studebaker found only in cars costing twice and more its price.

Over 750,000 Studebakers have been made and sold. The average cost for repair parts, as shown by actual repair parts sales, is $13 per car per year.

Pay more but you can get no finer mechanism, no more dependable and distinguished car than Studebaker.
ANOTHER BIRTHDAY. We are seventy-five this month.

Our seventy-sixth year we begin with gratitude — gratitude for the good will that has been given to us.

Manufacturing plants we have—finished and unfinished stocks we have—working capital we have—a loyal organization we have—all such as you would expect to find in the greatest business of its kind in the world.

But our largest asset—our most valued possession is good will.

Good will cannot be measured. It can only be acknowledged.

This acknowledgment we make gratefully to all who believe as we believe that "good buildings deserve good hardware": to the public which has bought our products—to those architects, contractors, hardware dealers and carpenters who know Corbin hardware, use it and speak well of it.

THE next seventy-five years promise great things. This nation is a nation of builders. It is a lover of fine architecture. Beauty in all things is sought increasingly. Things that endure are valued more and more at their true worth.

This nation—founded to endure—its permanence proved—is committed to all things that reflect an admirable national life, now and to come. The world is watching us.

In the next seventy-five years P. & F. Corbin sees its humble part to play. It is this—to keep pace with the nation and its aspirations—to contribute all that lies in its power to the beauty, serviceability, comfort and endurance of the public buildings we occupy and the private homes we live in.

To this contribution we pledge ourselves.

P. & F. CORBIN 1849 - 1924

© 1924 P. & F. Corbin
"They dreamt not of a perishable home who thus could build"—Wordsworth

Homes of Character

Indiana Limestone homes effectively and practicably combine beauty with utility. They convey to the beholder an undeniable sense of dignity. Everywhere, they dominate their surroundings in a manner characteristic of all works of quality.

Wherever good residential architecture exists, we find Indiana Limestone dwellings standing out as homes of character. Such homes possess a freedom from artificiality that is one of the first requirements of good taste, and that can be obtained only by the use of this natural stone.

Builders who desire a decidedly superior home, are rapidly appreciating the advantages of stone construction from the standpoint of beauty, durability and economy. The Indiana Limestone industry offers to the building world today a product unequalled among permanent materials.

Build The Nation Securely With

INDIANA LIMESTONE

The Nation's Building Stone
Setting a charming, new fashion in window curtains

Lustre-Lace is a creation for those whose preferences are for the distinctive and unusual. It has the delicate beauty of pattern and delightful transparency that are found in lace alone—yet, owing to the weave of gleaming artificial silk, its effect is singularly rich, luxurious and decorative. Lustre-Lace comes in a variety of designs—one of which is the new Lustre-Filet shown—and in the old ivory and deeper tones, which blend so well with any color scheme. It is sunfast and tubefast.

Still other curtains of interest to women planning to dress the windows anew this spring are Filet Nets, Shadow Laces and Novelty Curtains from Scranton looms. In these, as in Lustre-Lace, only the finest of yarns are used—and in their beauty and perfection is eloquent proof of the artistry and skill of Scranton designers and weavers. When you go to your store to see the Lustre-Lace showing, remember also those windows where you may appropriately use the least expensive of Scranton fabrics.

Fill out and mail the coupon to-day for the booklets, “New Outlooks for Every Home” and “Scranton Bedspreads.” These illustrate the latest and most desirable decorative effects for almost every type of window and bed. If you have an unusual problem in curtaining, write our Service Department about it.
Our collection of summer furniture, designed for the sun parlor and veranda, is especially large. There are distinctive suites and odd pieces in reed, fibre and willow. Attractive, cheerily-colored and surprisingly inexpensive breakfast room suites are included in this Section. Then, too, there are the comfortable hammocks and rustic chairs, which, placed in shady nooks or on green lawns, provide delightful resting-spots. Fanciful bits of iron and stoneware which lend interest and romance to a garden, sturdy chairs of rustic cedar or hickory, brilliant umbrellas for shade in garden or on beach, lovely fountains, bird baths and benches of stoneware—all these important accessories to a restful and beautiful summer home are offered in our groupings for out-of-door enjoyment.
When you install a Capitol Boiler in your home you can depend upon positive, unfailing heating service.

Behind that trade mark is thirty years of manufacturing experience. And behind each boiler is the broadest written guarantee in the field.

These are elements of fixed responsibility. They assure you that each Capitol must live up to an established reputation.

They are final and convincing proofs that you can buy no better boiler than a Capitol. Your Heating Contractor will be glad to confirm this fact.

**United States Radiator Corporation**

General Offices. Detroit. Michigan

*Boston*  
*Springfield, Mass.*  
*Portland, Me.*  
*New York*  
*Brooklyn*  
*Harrison, N. J.*  
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*Buffalo*  
*Pittsburgh*  
*Cleveland*  
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*Indianapolis*  
*Louisville*  
*St. Louis*  
*Kansas City*  
*Des Moines*  
*Omaha*  
*Denver*  
*Seattle*  
*Portland, Ore.*

Warehouse stocks carried at points indicated by *
How to Get an Honest House

TWO YEARS AGO a man bought a practically new house in a New York suburb. In the Fall of 1923 he sold it at a loss of $1200—and felt himself lucky. He could afford the loss. But he couldn't afford the future repair bills.

Today you can duplicate this experience thousands of times over, throughout the nation.

Where is the family head that doesn't dream of the return to honest-built houses—good to own and good to live in?

IT IS plain that the home-people of the country cannot give too much support to the honorable contractor. His moral relation to your full dollar's worth was never so great as now.

As a large organization of experienced lumbermen, Weyerhaeuser urges this—

Go to the contractor who does the first-class job. Remember he makes no more profit for himself than the "low-bid" man. Maybe not as much.

The fine type contractor will tell you there are no substitutes for good lumber, skilled construction and faithful workmanship.

This contractor is using more and more lumber of Weyerhaeuser Standard—trade-marked lumber of Weyerhaeuser character. He is in accord with the new Weyerhaeuser book: "The High Cost of Cheap Construction."

Here's a book the cheap contractor doesn't like. It tells too many secrets of right construction. Better still, people can understand it and make comparisons.

The honest contractor likes to have these comparisons brought to light. The skimping contractor does not.

GET "The High Cost of Cheap Construction." It is worth any price when you need it, but it will be sent postpaid on receipt of only 25 cents.

Then get the services of the legitimate contractor and look up the Weyerhaeuser lumber dealer.

A combination of brains, good faith, experience and character are worth all you pay. The surety of a good house throughout—built safely, soundly and economically with Weyerhaeuser trade-marked, properly seasoned, rightly graded lumber, best suited to local needs.

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 Northern Pine in the Lake States

Weyerhaeuser Forest Products are distributed through the established trade channels (to contractors and home-builders through retail lumber yards) by the Weyerhaeuser Sales Company, Spokane, Wash., with branch offices and representatives all over the United States.
The character of the hallway is an introduction to the home. It is the first impression that is given of the character and taste of the occupant. It should be inviting, and so arranged as to fulfill its particular function.

From the many various ways of properly furnishing a hallway, we have selected an arrangement which conveys a formal, strong and friendly atmosphere.

Jacobean or Elizabethan chairs, tables or occasional pieces are especially appropriate for the hallway, of certain types of homes. This furniture has an unusual beauty, that of dignity and repose. Its construction is elemental and its designs rather massive.

We have on display a large variety of English, French and Italian Furniture of the Sixteenth and Seventeenth Centuries, from which one may select those pieces that are particularly suited to individual requirements.
The smallest home can now enjoy the superior tonal beauty of a grand

THE BRAMBACH BABY GRAND—a distinct achievement in piano-making; for, with all its delightful tonal qualities, wonderful responsiveness and exquisite design, it requires only the space of an upright piano.

Sold by leading dealers everywhere

BRAMBACH PIANO CO., 645 W. 49th Street, NEW YORK

Mark P. Campbell, President

BRAMBACH BABY GRAND

$635 and up

A beautiful catalogue and a pattern showing the exact size of the Brambach, will be sent free of charge if you will mail the coupon. You assume no obligation.

Name
Address

BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
645 West 49th St., New York City
THE INHERENT BEAUTY and incomparable decorative value of figured Mahogany are here employed, without complicated details, to produce a desired result. A simple finish brings out the favored color tones, permits light to penetrate the surface and assures the development of that rich, mellow beauty that enhances its natural attractiveness as the years pass.

Where, however, carved surfaces and more elaborate details are desired, Mahogany is equally satisfying. In next month's magazines we shall present a dining room where carved Mahogany has been used effectively.

Genuine Mahogany is imported in quantities sufficient to maintain an adequate supply at all times and at a price within the reach of those of even moderate means.

BE SURE IT IS MAHOGANY

A NATIONAL ORGANIZATION of MAHOGANY PRODUCERS
MUCH of interest and historical association can be hidden in the ornament of a mirror frame. Above are five that are associated with the history of our country from its founding through the Revolution.

Each one embodies elements of design that started in the mother country, for inheritance in design is like the blood that flows in our veins. It continues and perseveres in spite of wars and disagreements.

For example, the Tall Queen Anne Mirror has the double glass, etched and shaped in a convention that has far more meaning and interest than the correct cut of a suit of evening dress. We would not violate the conventions of dress at a social function; but the conventions in furniture, even though more important, are violated constantly.

In every phase of decoration there is the necessity of conforming to certain rules if the result of our effort is to be pleasing and in good form.

This is very much so in furniture, where the plan must be carried through each room, true to tradition in design, with a definite variety of appeal. For instance, whatever the architecture of your home or apartment may be, an Early American room, complete in itself, will bring interest and satisfaction.

One can live a life-time with the genuineness and simplicity of Danersk Early American Furniture, because it is true to the finest traditions of our own country. There are elements of interest and historical association that will enliven many a dull day in years to come.

The only places where you can see a display of Danersk Furniture are listed below. Call without obligation to purchase. Decorators and their clients are always welcome.

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**Eagle of Freedom Mirror.** Showing the eagle and flame design typical of revolutionary days.

**Timothy Ruggles Mirror.** Named for the owner, who served in the French and Indian War in 1754.

**Simple Queen Anne Mirror.** Earlier in design than the Eagle Mirror. Notice shaped glass.

**Prince's Feather Mirror.** Designed originally for Frederick, Prince of Wales (1707-1751) by Wm. Kent.

**Tall Queen Anne Mirror.** Period about 1760. The form of the top can be traced in the later mirrors shown.

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**Danersk Furniture—**

**Integrity of construction — sincerity of design**

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**Brattleboro Bedroom Group in a combination of walnut and maple with herringbone and ebony inlays.** Many of the pieces in this group are inspired from rare originals and can be used appropriately with earliest forms of Highboys.

**Eskine-Danforth Corporation**

383 MADISON AVE., NEW YORK

Opposite Ritz-Carlton Hotel

315 MICHIGAN AVE., NORTH

Los Angeles Distributor

RALPH COOK SCOTT, 2869 WEST 7th STREET
THE creation of the Period Models of the Sohmer Grand Piano establishes new standards of beauty in home furnishing. The encasement of the piano expresses the individuality and character of the room. The instrument becomes a part of the decorative scheme of the home — assumes its proper place as the finest of fine furniture.

Added to this is the Sohmer tone — famous for more than half a century — warm, brilliant and colorful, with an irresistible appeal to those who appreciate all that is best in piano tone.

The dual appeal of the Sohmer Period Models — fine pianos that are fine furniture — is the crowning achievement of the Sohmer family who for more than fifty years have constantly improved the Sohmer product until today it stands as the prized possession of those who will be satisfied with nothing less than perfection.

Sohmer Pianos are made in various styles and sizes of Grand, Uprights, Players and Reproducing Players, all of one quality. Uprights from $500 and upward. Grand $1250 and upward. Period models in Queen Anne, Italian Renaissance and Jacobean. Monthly terms of payment if desired.

Illustrated Brochure mailed on request.

SOHMER & CO., 31 WEST 57th STREET, NEW YORK
Established 1872
CENTURIES ago when haughty Venice ruled the Seven Seas, the fame of her marvelous glass makers was as far-reaching as her own.

To possess an exquisite bit of Venetian glassware was the boast of princes. She was as famed for glass as Damascus for swords or Bagdad for rugs. She had joined that proud roll of cities whose workmen know how to do one thing supremely well.

After fifty years of remarkable development, the city of Grand Rapids has won the same enviable distinction in the creation of fine furniture. Her fame is as widespread; her craftsmen as expert; her methods and ideals as uncompromising; her product as trustworthy.

Today, to buy furniture built in Grand Rapids is to follow the safe guidance of established reputation. Your dealer will be glad to show you his Grand Rapids Furniture.
Is your kitchen as modern as your living-room?

Before you answer that question, consider your cook stove

A FEW years ago the kitchen was regarded as a place of drudgery where someone must spend toilsome hours preparing the family meals. But the woman of today insists that her kitchen be as well equipped as any other room in the house. Most important of all is the choice of the stove.

Look closely at this newest Florence Oil Range, the aristocrat of cook stoves. Note the spacious built-in oven, heated by two powerful burners. It has the "baker's arch" of the old Dutch oven and our patented heat spreader, assuring even distribution of heat. The oven will accommodate the largest-sized roasting pan. Any dish you may want to serve at the biggest dinner can be cooked quickly and well on this modern range.

You merely touch a match to the Asbestos Kindler and in a few minutes a blue, gas-like flame rises to the top of the burner. It is not a wick flame, such as you see in the ordinary oil lamp. The heat, close up under the cooking, can be regulated to any degree. Surprisingly little heat is absorbed by the metal of the stove or escapes into the room. One burner is small, to give just a simmering heat.

The many refinements of this modern oil range—such as the leveling device for adjusting the stove to an uneven floor, and the metal oil tank with glass ball's-eye—will appeal to you the minute you see them.

And it is a beauty
The white porcelain enamel is in striking contrast to the jet-black frame, making this modern range a thing of beauty to grace any kitchen. It is built of the finest materials and is staunch and durable.

Florence Oil Ranges are sold at furniture, department, and hardware stores. This newest model is priced at $110, plus freight from our nearest warehousing point. Other models—large and small—with portable ovens are available at various prices. If your dealer has not yet received this new Florence, write to us and we will see that you are supplied.

This booklet should interest you
The story of the modern oil range is told in our free booklet, "Get Rid of the 'Cook Look.'" Send us your name and address so that we can mail you a copy.

Florence Stove Co., Dept. 545, Gardner, Mass.

The Florence Leveler
This ingenious device attached to each leg of the stove adjusts it to an uneven floor.

Made and Sold in Canada by McClary's, London, Canada
THE LINCOLN HAS WON NATION-WIDE ACCEPTANCE

In all parts of the country, the Lincoln is known as a fast, easy-riding, smooth-running, and long-lived car. Its beauty is admired, its abilities respected. Through brilliant qualities of performance and soundness of construction, it has definitely established itself in the good opinion of the nation as a car of outstanding and enduring worth.

See any Lincoln Dealer

LINCOLN MOTOR COMPANY
DIVISION OF FORD MOTOR COMPANY, DETROIT, MICH.
Spreads and Draperies which harmonize

NOW that matching and harmonizing draperies have been added to the lovely array of Novelite Spreads, one may draw the room into one blend of color, fabric and design.

The Spread illustrated is one of a charming variety. There are spreads with tufted patches, eloquent of Grandma’s day; quaint basket weaves in block design; light pique patterns and others.

The frequent changes of linen so refreshing in summer are no problem with Novelites. They are easily and quickly washed—some of them require no pressing.

You will find Novelite Spreads and Drapes in the better shops priced from $4.00 up for the spreads and from $1.00 per yard for the drapery fabrics. Fill in the coupon below.

For Home Embroiderers: There are Novelite Bedspreads you may embroider yourself. A book of instructions by Frances A. Harris and samples of fabric will be mailed on receipt of 10c.

One of the newest Novelite Spreads of rich Studio Cloth, an artistic and original spread fabric, and overlaces of the same material. The curtain curtains are of a fine lustre, a lustrous foil for the sunlight.

Novelite Spreads come in rose, blue, gold, ver or white, all bordered styles and stores drapery to match and harmonize.

Mail coupon today naming your favorite store, for “Bedroom Interiors” (a book of decorative schemes) and samples of fabrics.

A. W. BAYLIS CO., 66 Leonard St., New York
Check in square (II)
☐ Send me free, booklet “Bedroom Interiors”.
☐ I enclose 10 cents for “Novel Embroidery Designs for Novelite Spreads”.

My favorite store is

My name

Address

City... State

NOVELITE
SPREADS
MARGARET MILLS, INC.

A. W. BAYLIS CO., Selling Agents, Dept. H., 66-72 Leonard Street, New York, N. Y.
Karnak Rugs give to the home an atmosphere which suggests pride of possession and the utmost care in the selection of its furnishings. They embody every desirable rug attribute—beauty of pattern, harmony of coloring, and long wearing life.

Karnak designs are faithful reproductions of the most beautiful Orientals of antiquity.

See them at the better stores
Look for the woven Karnak name and the black and gold silk guarantee label on the back of the rug.
Write for booklet containing suggestions for beautifying the home. Illustrated with color photographs of interiors and full color reproductions of Karnak Rugs.

Mohawk Carpet Mills, Inc.
Manufacturers of Roslyn, Glendale and highest quality Chenille carpets and rugs
W. & J. Sloane, Selling Agents
565 Fifth Avenue, New York City
The modern bathroom is one of Youth's great teachers. Softly gleaming snowy fixtures, spotless tiling, and shining mirrors are pages in a textbook which teaches the lifelong lesson of pride of cleanliness.

With old and young alike there is an almost instinctive appreciation of the moral importance of the bathroom. And there is a universal desire for finer bathrooms and for enough bathrooms for all the household. To satisfy that desire many people turn naturally to Kohler Enamelled Plumbing Ware. They know, when they see the Kohler name peering out from beneath the snowy enamel of a Kohler "Viceroy" built-in bath or a Kohler lavatory, that they are looking at the best that can be made.

There are good plumbing dealers in every city who can tell you all about the good products of the half-century-old institution, Kohler of Kohler. And they will tell you what you will not be displeased to learn—that Kohler Ware is not more expensive than any other ware that you would care to own. May we send you the Kohler booklet?

Kohler Co., Founded 1873, Kohler, Wis. Shipping Point, Sheboygan, Wis.
Branches in Principal Cities

Manufacturers of Enamelled Plumbing Ware and Kohler Automatic Power and Light 110 Volt D. C.
Sleep in a Healthful Airy Room and Keep the Remainder of the House Warm all Hours of the Day and Night

Chamberlin Inside Door Bottoms Prevent Drafts

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

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

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

Inside Door Bottoms End All This
Send the coupon below or write us for an estimate on the cost of equipping your home with inside door bottoms. They seal bedrooms, attics and basements. They are guaranteed to prevent the escape of cold air, dust and dirt from basements—steam from laundries. They are inexpensive. They operate automatically, are invisible. Do not interfere with rugs or carpets.

Chamberlin Inside Door Bottoms are manufactured and installed by the Chamberlin Weather Strip Co. of Detroit, makers of Chamberlin Weather Strips. When installed they are guaranteed for the life of the building.

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

Try This Tomorrow

No Fuss or Muss
Chamberlin maintains a nationwide service organization. Chamberlin experts, trained to do their work perfectly—plan, fit, and install all Chamberlin metal weather strips. The work is quick and clean and is done without disturbance to the household.

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

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

CHAMBERLIN
Metal Weather Strips

Chamberlin Metal Weather Strips are used in most weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.

Don't hesitate to ask for an estimate. The figures submitted will be definite and accurate because they are compiled by men who know every detail of this business.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

I would like an estimate covering the cost of installing (check which)
Chamberlin Inside Door Bottoms—Chamberlin Metal Weather Strips—In my
home — Office Building — Church — Number
of Windows—Number of Doors—

Name
Address
City and State

Eng. Dept. F-48
PLATE GLASS PROTECTS the TABLE and DRESSER TOPS in AMERICA’S MOST BEAUTIFUL INTERIORS

After all, a beautifully finished table is no more handsome than its top. Preserve its top from the disfiguring marks and scars of every-day usage, and you save the table.

Interior decorators have discovered that Plate Glass makes not only a perfect protective surface, but a handsome one as well. It protects without hiding the beautifully polished or decorated surface of the wood. Not only does it reveal the handsome grain or painted design, but adds, as well, to its beauty.

A Plate Glass top is especially necessary and attractive when table runners or luncheon sets are used.

A hand-painted chest of drawers needs the protection of a Plate Glass top.

Plate Glass on the dressing table is essential.

A table cloth is seldom used in the breakfast room. Here a Plate Glass top is particularly useful.

Use PLATE Glass, Nothing Else is Like It.

Some of America’s foremost interior decorators are using Plate Glass more and more for table and dresser tops, wide windowsills, and wherever a broad level surface presents itself. On dining tables it protects the varnish from hot plates and liquids accidentally spilled. On library tables and desks it saves the top from the hard usage these articles of

furniture usually get. On console tables and such surfaces as do not ordinarily get hard usage, Plate Glass adds to the table’s beauty.

Plate Glass is particularly effective on dresser tops, where perfumes, toilet waters and cosmetics are kept. These articles contain alcohol, which is ruinous to varnish or paint. Just the slightest bit of alcohol will leave an ugly ring or mark.

Fortunately, Plate Glass is not expensive. It can be obtained from any hardware or glass dealer, cut to size, with edges smoothed.
A Pullman davenport-bed suite in your living room is a reflection of individuality and good taste in the selection of home furnishings. And, equally important—the Pullman-equipped living room will conform with every desire for permanent comfort. All that is necessary to convert the Pullman davenport into a full-size bed is one simple operation. Thus a sleeping surface, equivalent in restfulness to any good bed, is instantly provided. Pullmans, in all period designs and finishes, with chairs, rockers or wing chairs to match, are now accepted as the most attractive and practical furniture for the modern living room. Your local furniture dealer will be pleased to show you the many Pullman models.

Upon request we will send you an interesting brochure on interior decorating.

PULLMAN COUCH COMPANY

CHICAGO ILLINOIS

PULLMAN

"THE DAVENPORT-BED"
Cozy Warmth—always

It's always summertime INDOORS—

the comforting warmth of a delightful summer day in deepest winter—

when there is a Thatcher Heater on duty in the cellar.

Adequate heat, under easy control, contributes more to winter comfort than anything else.

—and because of 74 years of manufacturing experience, many features in construction have been developed so that Thatcher owners may enjoy the smallest possible coal bills.

Interesting booklet free on request.

THATCHER FURNACE COMPANY
-makers of GOOD Heaters and Ranges Since 1850

New York General Offices: Newark, N. J.
133-135 West 35th Street St. Francis and George Streets 341 N. Clark Street

THATCHER HEATERS and RANGES
Sheetrock is the fireproof wallboard. It makes standard walls and ceilings at low cost.

Made from gypsum rock, it has all the lasting virtues of the material that has been used for centuries in building the finest walls and ceilings.

It will not warp, shrink or buckle. It will not pull away from the supports. It is a natural insulator against summer's heat and winter's cold. It will not burn, ignite, or transmit heat.

It saws and nails like lumber. It comes precut and all ready for use. It is made in broad, ceiling-high sheets, ½-inch thick, with a patented edge that insures solid, tight-jointed and smooth-surfaced walls and ceilings.

Sheetrock is erected easily and quickly. Simply nail it to the joists or studding.

Sheetrock takes any decoration perfectly—wall paper, paint or panels. It costs nothing for upkeep.

Use Sheetrock in new construction, alterations and repairs. You will be satisfied with its results and its economy.

BROWNSVILLE, Texas, holds down the tip of Uncle Sam's southern boundary, and there in summer the subtropical sun gets quite a bit hotter than warm. At the other extreme is Froid, in Montana, with the Canadian line for a windbreak—and "Froid" is the French for "cold." In both Brownsville and Froid the builders make walls and ceilings of Sheetrock, the fireproof wallboard. For the same natural insulating properties that keep Brownsville buildings cool when they are lined with Sheetrock, keep the homes in Froid secure and warm against the wintry blasts. Sheetrock makes a solid, protecting wall, a barrier to both heat and cold. It makes permanent walls and ceilings at low cost. Your dealer in lumber or builders' supplies sells Sheetrock. Our free illustrated booklet, "Walls of Worth," describes its many uses in new construction, alterations and repairs. Write us for a copy and a sample.

UNITED STATES GYPSUM COMPANY, General Offices: 207 West Monroe St., Chicago
World's Largest Producers of Gypsum Products
ANACONDA BRASS PIPE

The water your children drink

The water they drink. The water they bathe in. Water for cooking—it must be clean and pure to insure good health.

Most cities spend thousands of dollars annually to purify water. Is it just as pure when it flows from the tap? With Anaconda Brass Pipe—yes. With corrodbile pipe—just turn a tap and see!

Rust discolors water, making it unpleasant and uninviting. Anaconda Brass Pipe cannot rust and will deliver a full flow of clear water as pure as at its source. It will remain—a hidden protector of your family’s health and comfort—as long as your house stands.

Yet Anaconda Brass Pipe adds only about $75.00 to the cost of a $15,000 residence. The booklet “Ten Years Hence” contains complete information on the advantages of Anaconda Brass Pipe. May we send you a copy?

THE AMERICAN BRASS COMPANY
GENERAL OFFICES: WATERBURY, CONNECTICUT

Mills and Factories:
Ansonia, Conn., Torrington, Conn.
Waterbury, Conn., Buffalo, N. Y.
Hastings-on-Hudson, N.Y., Kenosha, Wis.

In Canada: ANACONDA AMERICAN BRASS LIMITED, NEW TORONTO, ONTARIO
Saving $126—and building a better home

An advertisement based on the personal experience of

★ E. E. BRINK, Contractor, KANKAKEE, ILL.

(As reported to the H. P. Gould Company, Engineers)

The hope of every home-builder is to have maximum comfort and durability in the new home at minimum cost. To spend too much is extravagance. To cheapen construction and lessen investment value is false economy.

The vital need—a sturdy structure built without waste in expenditure—is usually the result of three factors: A reputable architect and contractor, dependable material and skilled workmanship.

No one knows better than the reputable contractor the necessity and economy of dependable lumber. The experience of E. E. Brink, a contractor for nearly a quarter of a century at Kankakee, Ill., is a valuable guide.

“The chief material used in any home is lumber,” Mr. Brink says. “To a contractor, the difference between good, high grade lumber and an inferior grade means the difference between a good and bad reputation. I am firmly sold on Long-Bell lumber, as it is and does everything that a contractor requires of good lumber.

“It effects a positive saving, both in the elimination of waste and in reduced carpenters’ time. This is due to its uniform quality, as it all comes cut full length, with ends squarely trimmed, and uniformly graded, so that a minimum of sorting and finishing on the job is required.

“On twelve recent jobs, the average value was $8,000. I figure that I saved 140 hours of carpenter labor on the average—or, at Mr. Brink’s figures, a saving of $126 in carpenter labor on each house.

“The saving to the home owner through the use of Long-Bell lumber is readily apparent, as greater permanence is assured.

“My experience with Long-Bell lumber has proved its superiority—not only to me, but also to my clients and to other local contractors. I prefer it and specify it on all jobs. It is standard with me.”

A page from ★Mr. Brink’s experience

Savings due to Long-Bell lumber:

<table>
<thead>
<tr>
<th>Labor Type</th>
<th>Hours Worked</th>
<th>Rate ($)</th>
<th>Total Savings ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenter labor on ordinary lumber</td>
<td>2,040 hours at 90c per hour</td>
<td>1,836.00</td>
<td></td>
</tr>
<tr>
<td>Carpenter labor on Long-Bell lumber</td>
<td>1,900 hours at 90c per hour</td>
<td>1,710.00</td>
<td></td>
</tr>
</tbody>
</table>

| Total Savings per House | $126.00 |

Savings possible to the user of Long-Bell lumber concern three phases of home-building and ownership—the reasonable cost of putting this lumber into construction, minimizing the cost of repairs, and reducing depreciation to a minimum. Mr. Brink’s own opinion, as expressed in his statement, is that the home-builder will find definite economy along these lines in the use of Long-Bell lumber. Figures which Mr. Brink uses to illustrate these facts are given in the pamphlet referred to in the coupon below.

★Send for the whole story

Read Mr. Brink’s experiences in the pamphlet which will be sent you without obligation.

NAME_________________________

ADDRESS_______________________

CITY___________________________

THE LONG-BELL LUMBER COMPANY

Lumbermen since 1875

610 R.A. LONG BLDG., KANSAS CITY, MO.
Comfort demands Celotex
Economy recommends it

If you attain your ideal of home comfort you must insulate the walls and roof of your home. Celotex insulates against both heat and cold.

In summer, Celotex keeps the heat out and your home will retain its night-time coolness.

In winter, Celotex keeps the cold out and enables you to live in a comfortable house at a fourth to a third less than the usual cost for fuel.

A Celotex house is free from damp and from drafts that you often notice near door and window casings.

A Celotex house is not only comfortable, healthful and economical to heat—it is economical in construction.

Celotex replaces other materials. It replaces wood sheathing, other insulation and weather proofing in exterior walls. It replaces lath as a base for plaster. Generally, Celotex construction costs less than other methods and always gives more satisfaction.

Great University Proves Liquid Granite Wears Best

Liquid Granite is more than waterproof . . . . it wears! Of all floor varnishes made, it is the most durable.

One of America's greatest universities has proved this by conducting a "million-step" test. Separate strips of flooring in one of the institution's main hallways were finished with samples of varnish supplied by 10 different manufacturers. The panels were secretly numbered and for weeks subjected to the punishment of tramping feet.

Finally the factory representatives who had supervised the varnishing were called in as judges to decide which of the 10 strips of flooring was in the best condition. Ten votes were cast for panel No. 1. Only three of the experts even indicated a second choice.

Panel No. 1 was finished with Liquid Granite . . . . the most durable and wear-resisting of all floor varnishes. For floors of enduring beauty you too should use Liquid Granite. It has no equal.

Berry Brothers
Varnishes Enamels Stains
Detroit, Mich.
Walkerville, Ont.

Liquid Granite
FLOOR VARNISH OF DISTINCTION
Uncle Sam is proud of the White House—the finest residential property that he owns.

He built it with great regard for beauty, comfort and permanence.

Protecting the house that Uncle Sam built are sturdy Copper insect screens. They fit in with his specifications—beauty, comfort and permanence.

Copper and Bronze (brass is 90% copper) are Everlasting screening materials. They do not rust and break. They contribute to the beauty and give the full protection that makes for comfort in any home—be it Executive Mansion or private residence.

Requiring no painting, patching or replacing, and costing little more originally than steel or iron-wire screens, Copper and Bronze are the cheapest as well as the best screens.

Brass and Bronze hardware also contributes to the beauty and permanence of the home. Its cost is only slightly above that of plated imitations which soon corrode and mar the beauty of interior detail with rust-streaks, pockmarks and blotches.

Copper, Brass and Bronze are cheaper because you pay for them only ONCE.

COPPER & BRASS RESEARCH ASSOCIATION
25 Broadway - New York

Write for free literature on Copper and Bronze Insect Screen Cloth and Brass and Bronze Hardware.
Beauty Need Not Be Sacrificed to Curtail Building Costs!

Milcor "Titelock" Metal Tile solves many building problems. Its multiple economies: lower first cost, savings due to the lighter construction possible because of its decreased weight, the absence of cracked tile replacement expense—all make it the logical roofing from the cost viewpoint alone.

But in addition to these savings, and the true Spanish beauty of architecture it provides, Milcor "Titelock" Tile offers protection found in no other roofing.

Protection from fire and lightning; insulation from both heat and cold [the confined air under the heavy ribs acts like a blanket over the roof]—invulnerable, it faces the elements through the many years of its long life.

Before you start on your new home—or reroofing an old building—write for the new brochure, "Metallic Construction for the Modern Home," which gives complete information on the entire line of MILCOR products, including "Titelock" Tile.

Milwaukee Corrugating Company
Milwaukee, Wisconsin
Kansas City, Mo.
Minneapolis, Minn.
La Crosse, Wis.

MILCOR METALLIC BUILDING PRODUCTS
LET Medusa Waterproofed White Cement help you make the picture complete:—

First, the new home itself, with walls finished in stucco of white that does not discolor and that keeps dampness out forever.

Then, the special ornamentation of doors, windows, steps, etc. Your Architect can plan interesting effects, and your builder can execute them most economically, in Medusa Waterproofed White Cement in perfect imitation of hand-cut stone.

And finally, the architecture of lawn and garden, whether formal or informal, can be rendered most pleasing with walls, coping and ornamental work finished in Medusa Waterproofed White Cement.

Your Architect will gladly co-operate in planning just the right effects for your new home and grounds, using the all-around help provided only by Medusa Waterproofed White Cement.

THE SANDUSKY CEMENT COMPANY
CLEVELAND

Manufacturers of Medusa Stainless White Cement (Plain or Waterproofed); Medusa Gray Cement (Plain and Waterproofed); Medusa Waterproofing (Powder or Paste); and Medusa Cement Paint.

MEDUSA WHITE CEMENT
Modern Homes Combine Exterior Beauty and Built-in Comfort

Beauty unquestionably is desirable in a home. But comfort is the first essential, and that will depend largely on the features that are built in. For example, women have always demanded plenty of closet room. Now they see the advantages also of built-in bookcases, kitchen dressers and ironing boards that fold up out of the way.

Let Experts Help You

For best results you should employ an architect and ask him to specify Curtis Woodwork. But if you decide not to employ an architect, you will find in the Curtis line practically everything that years of experience and genius have developed for the modern home. Retail lumbermen who are Curtis dealers are located nearly everywhere east of the Rockies. The one in your locality can help you in planning and can obtain for you beautifully illustrated literature showing the latest ideas in woodwork. A few minutes' consultation with him may solve several of the problems that usually arise when a home is being laid out on paper.

Curtis Stamps the Home with Quality

Just as the woodwork built into the house largely determines the convenience of the home, so quality built into the woodwork determines its year-after-year value. Quality is built into Curtis Woodwork, first by designs from some of America's greatest architects, next by the highly specialized craftsmanship of skillful workmen, and last by a system of standardized production in large quantities that keeps the cost surprisingly low.

Curtis Throughout Insures Uniformity

At an installed cost no higher than that of ordinary woodwork you can carry Curtis quality throughout the entire house. The Curtis line includes doors, windows, blinds, stairways, mantels, china closets, dressing tables, dining alcoves, moldings, entrances, wall paneling and all other features that properly can be classified as woodwork. Be sure, however, that the Curtis trademark appears on every piece. It is your protection. Talk to your Curtis dealer before you complete your plans or write us direct for literature, telling us what you have in mind.

Curtis Companies, Incorporated

Clinton, Iowa

Curtis-Yale-Holland Co. . Minneapolis, Minnesota
Curtis Bros. & Co. . . . . Clinton, Iowa
Curtis & Yale Co. . . . . Waukesha, Wisconsin
Curtis Sash & Door Co. . . Sioux City, Iowa
Curtis, Towle & Flane Co. . . Lincoln, Nebraska
Curtis Door & Sash Co. . . Chicago, Illinois
Curtis, Towle & Flane Co. . . Topeka, Kansas
Curtis Detroit Co. . . . . Detroit, Michigan

Sales offices in
Pittsburgh New York Baltimore, Md.

We cannot legally prevent imitation from using our patterns and designs. The law, however, does prevent others from using our trademarks, which consists only of the name 'Curtis' and the year '1866'. If you buy any Curtis woodwork, be sure that the woodwork you buy—sash, doors, moldings or interior woodwork—bears that mark.

Curtis Woodwork is sold by retail lumbermen east of the Rockies. Curtis dealers are identified by the sign at the left. Consult the nearest Curtis dealer about your building problems. Write us direct for our literature, telling us what you have in mind. Curtis Companies Service Bureau, 265 Curtis Building, Clinton, Iowa.
Why buy new wheels?

TUXEDO VACUUM CUP BALLOON TIRES will fit your regular rims

PENNSYLVANIA RUBBER COMPANY OF AMERICA, INC. Jeannette, Pennsylvania
MAKOMO can be depended on

It can be depended on for safety and comfort. It can be depended on to deliver you at your destination on time and without fatigue. It can be depended on day after day and year after year under stresses and strains. And finally when the time comes for its resale—it can be depended on.

NORDYKE & MARMON COMPANY • Established 1851 • INDIANAPOLIS

ROUD Marmon owners comment eagerly on the daily faithfulness and unfailing dependability of their cars.

Constant Mountain Use

I purchased a Marmon for use of the Commission in May, 1922. Upon the recommendation of what this car had done, a second Marmon was purchased by the contractors. These cars are in constant use in drives between the east and west portals of the tunnel. Every trip to the west portal from Denver means crossing the Divide at an elevation of 11,000 feet. I know of no greater test to try the merits of a car.

W. P. Robinson, President
Moffit Tunnel Commission, Denver, Colo.

165,000 Miles

My Marmon’s history began with the war, and since that time I have driven it upward of 167,000 miles. It was often used for weeks at a time, driven 24 hours a day, by three different engineers. My chauffeur recently said: “Mr. Goebel, this Marmon gets better every six months!” To say that I am satisfied is putting it mildly.

J. Goebel, President. J. Goebel Co.
Clays, Crochets, Chalks, New York City

From an Engineer

I have owned seven other makes of cars in my life. After quite a bit of investigation and deliberation, I made up my mind on a Marmon. Being an engineer myself, I feel sure that enables me to appreciate the fine points of mechanical construction of your car. It is in a class by itself as to comfort, and I find it very economical as to fuel.

R. W. Compton, Member A. S. M. E.
Manager Atlanta, Ga., office
The Hounin, Owens, Rentsheller Co.

Has Driven in 27 States

I have just passed the 100,000-mile mark driving a Marmon car. This is my second Marmon, and I have driven in twenty-seven states and a greater part of Canada. I have driven the present car in seventeen states, three times to the Ball Mts. in Canada and make a trip from Detroit to Jackson via Lansing and back once a week in the same day. Mrs. Baker has taken most of the long tours with me and says she will not enjoy any other car.

George N. Baker, Manager
Mid-States Steel Company
Detroit, Mich.

162,000 Miles

You may add my name to the list of 100,000-mile Marmon owners, because my Marmon has gone over 162,000 of the most pleasurable and troubleless miles it has ever been my pleasure to experience in a long history of car ownership.

Walter B. McCleod
Canton, Ohio

200,000 Miles

Our practice extends over several states and the Marmon has proved to be the only dependable motor vehicle among a number of cars. This particular car is driven about 1,000 miles weekly average, and has altogether been driven about 200,000 miles.

H. Calvin Linthicum
Linthicum Linthicum, Architects
Raleigh, N. C.

Owns Twelfth Marmon

I am now driving my twelfth Marmon, a 1923 four-passenger touring, which has given me exceptionally good service and satisfaction. “The proof of the pudding is in the eating,” and that leaves nothing further for me to say of your cars, in view of the number I have owned.

R. E. Henderson, Treasurer
The Carrollton Pottery Company
Carrollton, Ohio
SEEGER Original Siphon Refrigerators through a combination of beauty and utility are acknowledged to be the

Standard of the American Home

Every Seeger Original Siphon Refrigerator is built for either ice or electrical refrigeration

A representative dealer may be found in every city

Seeger

ORIGINAL SIPHON REFRIGERATORS

SEEGER REFRIGERATOR COMPANY
SAINT PAUL MINNESOTA

BRANCHES
399 Madison Ave., New York, N. Y. 666 Lake Shore Drive, Chicago, Ill.
80 Washington St., Boston, Mass. 2435 Hudson St., Los Angeles, Calif.
MANY of the things we buy for our homes may safely be chosen by "the test of the eye."
Beauty of design and finish in Russwin Hardware indicates an equal perfection in the hidden working parts. Therefore, you may trust your eyes to guide you to a wise choice if you see the name Russwin—
A name used for over eighty years on beautiful hardware to guarantee you absolute protection and lifelong, trouble-free service.

Russell & Erwin Manufacturing Co.
The American Hardware Corporation, Successor
New Britain, Connecticut

New York       Chicago       San Francisco       London

"To Russwin-ize is to Economize—The Economy of the Best."
FROM the hilltop, from the road, set in winter snow, or summer foliage, this roof seems to welcome the guest to share its shelter, as if its soft blended colorings reflected the warmth of the hearth within.

And this Colorblende Roof of Johns-Manville Asbestos is as fireproof, and permanent as it is beautiful. Send to Johns-Manville Incorporated, 294 Madison Avenue at Forty-first Street, New York City, for Booklet in colors.

JOHNS-MANVILLE
ASBESTOS SHINGLES
There’s a Dog that’s waiting for you. Write to THE DOG MAN HOUSE & GARDEN 19 West 46th St. New York City

Sealyham Terrier Puppies

Bred Sept. 25 and Oct. 6, also younger pups. Best of Blood Lines, Hadley Stock, also quality Boston 510 sp. 

DR. THOS. SHELDON Rhinebeck, N. Y. Telephone 214W.

Wire-haired Fox Terriers

A few choice puppies of first class breeding for sale. Registered stock only, moderately priced,

W. J. McGHugh, 1161 Clinton Ave. S. Rochester, N. Y.

St. Bernards

and NEWFOUNDLANDS

Best possible pets for children. Compassionate, self-governed for the home; faithful and affectionate, from best pure pedigreed strain.

WHITE STAR KENNELS Long Branch, N. J. Phone 3252

ARISEDALEs

He is the Guardian of the home and the playmate of children; He is the Watchful Automobile dog, companion, protector and friend. We have puppies and grown dogs. Will ship C. O. D. on approval to responsible parties.

E. G. FISHER, Proprietor Shady Side Farm Madison, N. Y.

BERZOSIDS (Russian Wolfhounds)

The dog of kings. The Companion. The aristocrat of the canine family. The most beautiful of all breeds. Puppies for sale. Very reasonable. Exceptionally beautiful. Come from some of the greatest Champions in the country. No better blood to be had for any price.

Add. DR. S. De SAYDA, College President Lukewood, N. J.

THE PAPENBURG KENNELS

Offer at stud the lately imported winner of the highest awards in German Police Dog Shows.

ARMIN V. DEUTSCHE BERG Sch. H. - P. H. Ange Kort by the S. V. 1922-1923 His blood lines consist of the Famous Holl Riedenburg, Eickermark and Starkenburg.

Results guaranteed Price $50.00

Theo. J. Mullmann 32 Husa St. Linden, N. J.

Scottish Terriers

Get a "tail" for Self or Kid d y from our farm raised puppies for disposal.

ALLSCOT KENNELS, A. K. C. - Reg. Sandy Brook Farm Providence P.O. Box 608 R. I. Rhode Island

WAVING WILLOWS CHOWS

Exceptionally fine Red, Black, Blue and Chocolate puppies for disposal.

WAVING WILLOWS KENNELS Grand Ave., South Englewood, N. J. Telephone Englewood 1559

Wire-haired Fox Terriers

Ideal dog for motor car and home. A few of our own, bred farm raised puppies for disposal. 

Mrs. Emma O. Hunter Address Communication Mrs. Emma O. Hunter Alvin Farm P.O. Box 7 N. J. Telephone Ludlowfied 1074

Cairn Terriers

KEDRON KENNELS E. E. McConnell Woodstock, Vermont We all like our own bred the best, but have you ever tried a Cairn Terrier? Seen after dinner, home starting, easily trained, the smallest sporting terrier. Puppies and some grown stock for sale. Write for further information.

For Sale

The Happy WARRIOR

A Grand Young Irish Terrier

The sire of this ten months old puppy is International Champion Celtic Playboy, which attracted such attention at the Westminster show of 1923. The dam has not only, but has produced this puppy. She is a show dog. A remarkably fine terrier; a most affectionate, kind pet; extraordinary fond of children; will play with them and guard them. He is excellent in every point, and has, in the highest degree, the brilliant, appealing terrier character. Such a specimen is the Irish Terrier that owners are looking for. Will ship C. O. D. on approval to responsible parties. His sire is one of the foremost champions of Scotland. He will be of great value for breeding purposes, or as a pet.

Box 116, Brack & Jerome, 79 W. 46th St., N. Y.
BUFFALO PORTABLE FENCING SYSTEM is a system of portable units of wire fencing designed for the purpose of erecting quickly serviceable, neat-appearing, and yet inexpensive, enclosures of any size for poultry, dogs and other small fowls or animals. It may also be used in gardens, or for any other purpose for which a high quality wire fencing is desirable.

The units consist of a round iron frame, proofed against rust, which holds the wire fabric smooth with a straight upper edge. The fabric cannot sag. Two pointed ends of the vertical parts of the frame project below for insertion in the ground.

"BUFFALO" Portable Fencing System permits a rotation or enlargement of enclosures as frequently as desired and with but very little effort and expense. Frequent rotation prevents yards from becoming barren of greens and ugliness.

Some of the largest kennels in this and other countries have used "BUFFALO" Portable Fencing enclosures successfully for separating different breeds of puppies, separating puppies from larger animals and their mothers, and for many other purposes. It is also of good design—pleasing to look upon.

The BIOSFALO WIRE WORKS COMPANY, Incorporated
475 TERRACE
BUFFALO, N. Y.

SNOW WHITE ESQUIMO PUPPIES

The Snow White Esquimo is a breed of dog breed that originated in the Arctic region. They are known for their thick, white fur and compact build. Snow White Esquimo puppies are often used as lap dogs due to their small size and friendly nature.

COLLIES

While other breeds have come and gone he has remained throughout the years. Just the same he is the same fellow, a well balanced dog, that many own today. Puppies from $3.00 up. Jerome Kennels, Bennington, Vt.

BLACK FLAG

The Black Flag is a well-known and respected brand in the pest control industry. They offer a variety of products for effective pest control. Their products are designed to kill insects by inhalation and are non-poisonous. Black Flag is a great solution for managing garden pests and keeping your home pest-free.

PUPPIES FROM $3.50 UP

This illustration shows a section of' "Buffalo' Portable Fencing System.
Cyclone Fence

Protects! Beautifies Home Premises!

Cyclone Fence for homes imparts a pleasing and dignified appearance to property enclosed; makes home premises truly private; end the depredations of destructive intruders. Makes home improvements without increasing in the least, increases property value. Galvanized AFTER Weaving. Rust-proof.

Write nearest Cyclone Offices, Dept. 51, for catalog showing many beautiful styles of Cyclone Fence in wire and iron. There is a Cyclone Fence that will exactly fill your needs.

CYCLONE FENCE COMPANY
Factories and Offices: Washington, Ill., Cleveland, Ohio, Fort Worth, Texas, Oakland, Calif. (Standard Fence Co.) Portland, Ore. (Northwest Fence & Wire Works)

Free Your Home of the Garbage Nuisance!

If your new home, as it is doing in thousands of the better residences and apartments, the Kernerator will make disposal of garbage and refuse the easiest task in the kitchen.

Into the handy hopper door, convenient to the kitchen, all waste—garbage, sweepings, tin cases, etc.—is dropped as it accumulates. Falling to the brick combustion chamber in the basement, the waste is subjected for an occasional lighting. Non-combustibles, such as metal objects, are flame-sterilized for removal with the ashes.

The moderate first cost of the Kernerator is the last cost.

KERNERATOR INCINERATOR COMPANY
1852 Chestnut Street
Milwaukee, Wis.

Free Your Home of the Garbage Nuisance!

Drop all waste into hopper
Forget it!
NEW HAMPSHIRE'S
FOUR HUNDRED
ACRE ESTATE

At the head of Lake Sunapee, N. H., in the west part of the village of New London, is an estate that has been the joy and pleasure of its owner for over thirty years.

During that time there have been developments of value and usefulness, which render it capable of sustaining either a hotel, sport club, or private home.

A large poultry department, whose chickens, ducks and turkeys have been prize winners at many shows.

A dairy department, capable of handling a large number of cows. At present there are 12 high grade Guernseys and a registered bull from Mixes Farms, Mass.

A dairy equipped with every modern appliance for handling dairy products in the most sanitary manner.

A large truck garden, green house, cold frames, supplying everything for the table.

Large pump house, 1000 gallon compressed air tank, which is kept filled automatically.

Fire destroyed the owner's house last year. All traces of this have been removed and everything is ready for new building.

This estate is on one of seven hills comprising the village of New London, N. H. It has a most extended view in every direction.

Small fruits, strawberries, raspberries, blackberries, and blueberries. Apple, pear, plum trees. Grapes of many varieties.

A large modern farm barn. Modern farm implements; separate building for housing and curing manure; 2 pair farm horses; White motor two-ton truck. A first class man at the head of every department.

A nine hole golf course, with available space for a second nine to be laid out; tennis court; field for polo.

Deep artesian well, which supplies entire farm with the purest of water.

200 acres of woodland, fir, spruce, pine.

A lake 1 1/2 miles long at the foot of the farm is stocked with a variety of fish.

4 dwelling houses, each in perfect repair. Each house has hot water furnace, electric lights, telephones, hot and cold water to every floor. Stone garage 100' x 50' with high basement, capable of holding as many cars as first floor.

This estate is offered for sale at a much lower figure than the investment it represents. It can be reached by boat from Lake Sunapee Station, by motor over State roads, by motor stage from Potter Place, N. H. It is distant 3 1/2 hours from Boston by train, 6 hours from N. Y. City.

Applying to the Superintendent of this estate by letter, addressed to Willow Farm, New London, N. H., it can be seen at any time.

Let us show you Greenwich
Greenwich has excellent shops and markets. None better in any town of its size.

E. P. HATCH, Inc.
Greenwich, Conn. Telephone Vand. 1193
May, 1924

REAL ESTATE

SCARSDALE
The most satisfactory home community in Suburban New York.

Let us send you our Illustrated booklet.

ANGELL and COMPANY
INCORPORATED

256 BROADWAY

NEW YORK

RARE OPPORTUNITY
I am offering for sale my beautiful summer or winter home and the finest and most modernly equipped log farm in America. Modern improvements, excellent location one block from post, small acres, beautiful scenery, mineral water, walnut, oak and other natural shade trees, fruit trees, finest of roads, golf, hunting, fishing, social functions, churches and schools.

An Opportunity of a lifetime for the right parties
Write owner for photographs and description

BOX 408
ALGONA, IOWA

SUMMER HOMES
NORTH JERSEY SHORE
ALLENIURST, DEAL and ASBYR PARK
Most complete list of furnished houses now for rent and sale.

MILAN ROSS AGENCY
200 West 16th Street
New York, N. Y.

SEA SHORE and COUNTRY ESTATES
Near Boston
An extensive selection of the desirable properties in the popular summer section of the coast. Summer and country places all along the South Shore, and Wonderful Bay and Country Club, northern real estate of the better class in Boston and its suburbs.

BENJAMIN C. TOWER
35 Congress Street, Boston, Mass.

ALBERT GULLETTE
2322 Fillmore Street Minneapolis, Minn.

A country home in Minnesota. 150 acres, 50 acres under the plow. Good farm buildings. Farm cottage located in beautiful pine grove.

FOR SALE OR FOR RENT
GENTLEMAN'S COUNTRY ESTATE

A. L. MARTIN
Wallingford — Conn.

FOR SALE: Ideal Summer Home on hill ten miles New Haven; view for 20 miles.
FARM 90 acres, 50 under cultivation; 40 fruit trees; barns, buildings and equipment. Picturesque 9 room BUNGALOW, completely furnished, all conveniences of city home, electric light, hot and cold water, tin feet at porches, 2 baths, fireplace, steam heat, beautiful wood drive, rustic bridges, ravines, brooks. Fine Golf Links 15 minutes’ drive, 5 minutes by auto to Boston Post Road and Express station. N. Y., N. H. & H. R. R. 1700, $25,000.

FOR RENT: This place may be rented for summer for $600, excluding fruits portion, which will remain under the care of a competent farmer, from whom can be purchased garden and country produce. Empire

FREDERICK P. CRAIG
SHORT HILLS, N. J.
Telephone 481
Nathaniel Tyler, Associate

FOR SALE—To Close an Estate. Thoroughly modern gentleman's country estate, beautifully situated on high plateau, overlooking Lake Champlain, Adirondack and Green Mountains, 2 1/2 miles south of Burlington, Vermont. All buildings are electrically lighted and piped with running water obtained from deep artesian well.

Complete with over 50 head of pure registered Guernsey cattle, saddle horses, work mules, carriages, farm tools, etc. Price $75,000. Shown by appointment only. Address: Foreman, Fairview Farm, Burlington, Vt. or Col. W. H. McCormack, 96 Naples Road, Brookline, Mass.

NORTH SHORE
LONG ISLAND

GREAT NECK
A most complete Dutch Colonial house, handsomely decorated, has 4 masters' bedrooms, 3 maids' rooms, 3 baths, living room, dining room, breakfast room, kitchen, butler’s pantry and garage.

1 1/2 acres, ideal situation, beautiful planted gardens. Very convenient to Station, Village and Country Club. For sale at $57,000.

GREAT NECK
A handsome New England Colonial home, complete in every detail with all of the old charm kept intact.

4 large master bedrooms, 2 baths, 3 maids' rooms and bath, commodious living quarters, 3 car garage.

Offered for sale with 1 1/2 acres or more land price $70,000.

ROSelyn
Italian stone residence, ideally situated among the trees on 1 1/2 acres with beautiful planting.

6 master bedrooms, 5 baths, 2 maids' rooms and bath, unusual living quarters; 3 car garage. Offered for sale at $70,000.

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For children of slightly retarded mentality

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Three separate schools for boys and girls of all ages requiring scientific observation and special instruction

THE SCHERRER-MORRIS SCHOOL
A school for children of slightly retarded mentality

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STANDISH MANOR SCHOOL

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THE BANCROFT SCHOOL
For children of slightly retarded mentality
LASTING BEAUTY WHERE BEAUTY BEGINS
—with window shades of durable Brenlin

That room, so charming when you planned it—has it kept the beauty you worked so hard to attain?

Or has something, something that you can’t just put your finger on, come along to spoil the whole effect?

Then look at your windows. For it is at the windows, where the light comes in, that beauty may begin or end.

If your window shades have lost their freshness, if they have become streaked, cracked and faded, their defects, standing out strong and harsh in the bright daylight, must take away the charm of your most carefully planned interior scheme.

Lasting beauty for a few cents more

There’s lasting beauty for your windows in window shades of durable Brenlin. And Brenlin may be had for but a few cents more than ordinary shade cloth. Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to break and fall out, causing unsightly cracks and pinholes that show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough in itself to keep it always straight and smooth.

It resists the constant strain of rolling and unrolling, the jerking and snapping of the wind.

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Brenlin wears two or three times as long as the ordinary shade. It may be had in soft, rich colors to harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior.

Be sure it’s Brenlin

When you buy window shades, be sure that what you are getting is really Brenlin. The name is embossed or perforated on the edge of every shade. If you don’t know where to get Brenlin, write us; we’ll see that you are supplied.

There are many valuable hints for you in our interesting booklet, “How to Shade and Decorate your Windows.” Write for it. We’ll be glad to send it, together with some samples of Brenlin in different colors. Address Cincinnati.

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“The oldest window shade house in America”

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Hand Made
Brenlin
the long-wearing Window Shade material

Scratch a piece of ordinary window shade material lightly. Tiny particles of chalk or clay filling fall out. BRENLIN has no filling. It outwears several ordinary shades.
A delicate and dainty sweet that is not a tax upon digestion

Served chilled but not frozen, solid without being hard.

America's most famous dessert
Her habit of measuring time in terms of dollars gives the woman in business keen insight into the true value of a Ford closed car for her personal use. This car enables her to conserve minutes, to expedite her affairs, to widen the scope of her activities. Its low first cost, long life and inexpensive operation and upkeep convince her that it is a sound investment value. And it is such a pleasant car to drive that it transforms the business call which might be an interruption into an enjoyable episode of her busy day.

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Picturesque, eye-compelling residence of Ernie E. Beyer, Scarborough, N. Y., with roof of multi-colored browns and side walls of long, 24-inch shingles with wide effect. Arch's Patterson-King Corp., New York City.

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"CREO-DIPT" stamped on a Bundle of Shingles indicates Highest Quality.
Choose Early—and Pick the Best!

FROM the finest bulb gardens of the Old World, you are offered the largest, choicest bulbs to be produced in 1924, at special prices, if you make your selections now.

For over thirty-five years, Elliott's have been America's foremost bulb specialists, bringing to American gardens each season the very cream of Holland's crops. Because they are selected EARLY by Elliott representatives right in the fields of famous Holland growers, Elliott bulbs are big, full of life, sure to grow and bear the largest and most beautiful flowers. Even gardeners of long experience are often amazed by the exceptional results secured.

Special Offer: Giant Darwin and Breeder Tulips

The cream of all Tulips for outdoor planting. Elliott quality bulbs of ten named varieties, selected for size, beauty of form and clear color harmony. Flowers often 3½ inches in diameter; stems over 2 feet tall. Bloom in May.

Baronne de la Toumeyre. A vivid pink, margined with blush pink.
Bronze Queen (Breeder). Soft buff. Inside tinged golden bronze.
Dream. Beautiful uniform lilac.
Farncombe Sanders. Fiery cerise-scarlet. One of the finest and largest bright reds.
Faust. The finest dark maroon-purple. Extra large.
Philippe de Commynes. Velvety violet.
Pride of Haarlem. Deep rose with a purplish tinge. Always a great favorite.

SPECIAL

| Collection A— 10 bulbs of each | 100 in all | $4.35 | Complete directions for planting and care with every order. |
| Collection B— 25 bulbs of each | 250 in all | 10.50 |
| Collection C—100 bulbs of each | 1000 in all | 39.50 |

Above special offers good only until July 1. Order now. You can pay when bulbs arrive in September, or take 5% discount for cash with order. Safe arrival guaranteed.

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Makes bulb growing easy. Elliott's Import Catalog for 1924 is the most complete and helpful book of its kind ever offered to American gardeners. It contains hundreds of practical suggestions for those who want to know the best and easiest ways to grow Hyacinths, Tulips, Daffodils, Lilies and many other bulbs, indoors and out. It describes thousands of the best varieties, many of them illustrated in their natural colors.

Send for it Now! The special import prices quoted in Elliott's Bulb Book apply only on orders placed not later than July 1. By that time the bulb harvest will be under way, and our representative in the Dutch harvest fields must have final orders for selecting Elliott Quality Bulbs. Late buyers must take the chance on smaller bulbs, shortages, and higher cost. Make sure of getting the best at the season's lowest prices.

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544 MAGEE BLDG. (Established 1889) PITTSBURGH, PA.
New invention doubles life of rugs and carpets—Guaranteed

Gives them deep, oriental softness—makes floors restful, quiet

Now any rug or carpet can have oriental thickness, softness. And the rooms of your home are made luxuriously silent by this new method.

At the same time the life of carpets or rugs is doubled. This is guaranteed in writing. Now we offer you a test, at our expense.

Deep oriental softness

Actually any rug or carpet—the thinnest or the most expensive—is given new beauty, and added value per yard.

Your floors seem soft as piled velvet. All sound of footsteps is deadened, silenced.

This new invention is called OZITE—a springy, velvety cushion which is laid between floor and rug or carpet. For years it has been used in homes of extraordinarily fine appointments, in famous clubs and hotels. Now it is available for every home.

Doubles life of rugs, carpets

The friction which wears out floor-covering is stopped by OZITE. Yielding to every weight and impact of feet and furniture it keeps the fabric from being ground against hard floors.

So it is guaranteed—in writing—to double the life of your carpets and rugs.

OZITE is a soft, resilient mat of finest hair—clean, odorless, sterilized and "ozonized." It never wears out—never loses its springy softness.

It is fire-resisting, and a perfect insulator of heat or cold.

With OZITE rugs do not "creep." There are no wear-inviting ridges in carpets.

What OZITE Does:

1. Reduces wear on carpet or rug—by soft cushion between floor and covering, taking up friction—lengthening life of rug or carpet, 100%.

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4. Is taken up and put down just like a rug—makes carpet laying easier. Made in 1/4, 1/2 and 3/4 inch thicknesses and widths up to 9 feet.


6. It is clean, odorless—thoroughly sterilized by ozonization. Fire resisting, and a perfect insulator of heat or cold.

Send coupon to arrange for test, on your own floors 30 Day Test Free

A parlor in beautiful Edgewater Beach Hotel, Chicago, famed as home of "WJAZ" radio station. This noted hotel is but one famous place out of thousands where OZITE is in use today.
The Chrysler Six Gives Results Never Before Achieved

The real reason for the remarkable interest aroused by the Chrysler Six is the quick recognition that it is a distinct departure from previous motor car practice and performance.

Adhering strictly to the soundest principles of design, Chrysler engineers have, nevertheless, developed and applied these principles in a manner just as revolutionary as the application of steam to ocean-going ships.

With the creation of the Chrysler Six, there was accomplished an all-important evolution in motor cars no less valuable than the original invention of the automobile.

For the Chrysler Six is as different from all previous motor cars as the compact, visible-writing, modern typewriter is different from the clumsy writing-machine of Centennial Exposition days.

The Chrysler is the culmination of all past experience in designing and building cars.

It surpasses previous practices, just as the telephone of today excels Mr. Bell's first cumbersome instrument.

Its speed capacity of more than 70 miles an hour from a motor of 3-inch bore transcends all earlier power development.

The engineering which gives such results is an evolution as vital to the motor car of the future as the discovery of the principles of internal-combustion power generation.

The vibrationless power of the Chrysler Six is a forward step in motor smoothness and efficiency as important as the over-lapping power stroke of the Six in contrast to the old two-cylinder-opposed engine.

There is nothing radical about the Chrysler Six except the amazing results of its engineering. There is nothing sensational about it except the extraordinary new standards established by its performance.

Thus, its three-inch motor gives a high speed range from 2 to over 70 miles an hour, combined with gasoline economy safely over 20 miles per gallon.

With a Touring Car weight, ready for the road, of 2705 pounds, the Chrysler Six can be driven in comfort at 60 miles and upwards over rutted roads and cobbled streets.

Its Chrome-Molybdenum tubular front axle and pivotal steering, with ball thrust bearing king pins, make the Chrysler as easy to handle at speeds of 60 to 65 as at 30 to 35. Chrysler-Lockheed hydraulic four-wheel brakes give perfect control at all speeds.

A new perfection of gas distribution, special combustion chambers, scientific heat distribution, through the applied science of thermodynamics, result in a flashing pick-up which must be experienced to be comprehended.

With an over-all length of 160 inches, the Chrysler Six accommodates itself easily to the ordinary city parking space. Yet it affords liberal room for five large adults and looks much longer than it is.

The Chrysler goes to new lengths in low center of gravity and perfect weight distribution. The result is steadiness and solidity not found even in two-ton cars of previous design.

Only by seeing and testing the Chrysler Six can you fully appreciate its beauty of appearance, its unprecedented performance abilities. We invite you to study at first hand the supreme quality of Chrysler workmanship and materials, the new standard of performance established by its scientific design and engineering.
In Edna Ferber's latest novel "So Big" we read of a farm woman who experiences a strange and enlightening spiritual renaissance through her awakening to a sense of beauty. The desire for beauty was latent in her. Then she subscribes for a magazine, and she and her son pore over the pages of that magazine, look in wonderment and capture at the terraces and the pools, the quaint houses, the quiet rooms. The magazine (for Miss Ferber names it) is House & Garden.

We had always hoped that something like that would happen, that we would have offered you some concrete evidence of how this magazine can awaken in people their dormant love of beauty, and, having awakened it, quicken them to the attainment of beauty in their homes.

Ugliness and lack of comfort are negative conditions. They belong to the powers of darkness. They cram, stalitfy and deaden the spirit. They breed despair, they engender a sense of defeat, they narrow the horizons of life. Once you realize how potent the powers of darkness are, you can never rest satisfied with life's negations—murders and larceny at the terraces and the pools, the quaint houses, the quiet rooms. The magazine (for Miss Ferber names it) is House & Garden.

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Victrolas of individual style

are built to order in the Victor Art Shop which was created and is maintained for that purpose. We shall be glad to furnish individual sketches of Victrola Instruments designed to meet any special requirements and build such instruments as promptly as is consistent with the quality of Victor craftsmanship. Consult any dealer in Victor products or write to us direct.
A garden is made not only to look at but to live in. It should be so furnished that you want to live in it, that you want to entertain in it, that you make it a retreat from the complexities and worries of our modern life. The simplest garden seat can be a safe harbor. Because we believe so thoroughly in living in and a gardener's religion in devotion to a special issue of the magazine each year to the subject of garden furnishing.

Much of the garden's furnishing depends on the garden's design, and the article on formal and informal designs makes a wealth of suggestions. Trellis is often a factor in garden furnishing, so we show some old French designs and some relatively new American schemes for trellis. Statuary is a third element in garden furnishing and that is why we have selected for this issue views of the gardens of the late Augustus St. Gaudens. Garden houses being still another factor, we show several original American schemes for them. The simplest garden house is often a factor in garden furnishing, so we show some old French designs and some relatively new American schemes for trellis. Statuary is a third element in garden furnishing and that is why we have selected for this issue views of the gardens of the late Augustus St. Gaudens. Garden houses being still another factor, we show several original American schemes for them.

In addition to these, Chinese Wilson writes on roses, Herbert Durand on native plants for the home, and Arboretum near Washington. The garden would have an area of eight hundred acres which could be increased, eventually to two thousand acres. One hundred acres of this area would be devoted to a water garden and thirty acres to a third sanctuary. From the activities of such a national botanical garden the American people could derive as much benefit as England has derived from Kew Garden. House & Garden hopes that Congress will see fit to authorize this desirable undertaking.

Our Rural Delivery postman has been sick this winter. They say he's all up after those long years of driving his wheezing Ford over our rutted Connecticut roads. We think of him and remember the poem about "The Old Postman". L. A. G. Strong put in his "Dublin Days". It goes this way:

Here he sits who day by day
Tramped his quiet life away;
Knew a world but ten miles wide,
Cared not what befell outside.

Nor, his tramping at an end,
Has he need of book or friend.
Peace and comfort he can find
In the laneways of his mind.

For twenty-three years House & Garden has devoted its editorial attention strictly to the home. It has taken the front gate as one limit and the back gate as the other limit of its interest. During those years it has by no means exhausted that subject, for the subject of the home is inexhaustible. By having set a restricted policy to which it adhered without wavering, it has grown, we feel, into a potent force in the lives of the American people and exerts an influence that commands respect. Beginning with this May issue, on its editorial page (page 60 of this May number), Horse & Garden steps beyond the front gate. The problem of civic and national affairs as they touch on the life of the town and the home, and the home and the town, will henceforth find a place in this magazine. And they do touch on the home; that is a fact which cannot be gainsaid. The plundering of our forests had a direct bearing on the homes that the next generation of Americans will build. The zoning of our towns and cities will build. The zoning of our towns and cities exerts a decided influence on the home and its future prospects. The saving of our city and national parks, the obliteration of ugly signs, the posting of "No Trespassing" signs, all such affairs are matters that must be in the consciousness of people who have homes.

House & Garden's future policy in respect to these affairs is stated in this month's editorial. You will doubtless be interested in reading it.

A certain wag has observed that you can't be a good gardener and a Modernist —so much of the good gardener's time is spent on the knees. We are not so sure that the analogy is sound, but we are sure that the necessity for knees in both gardening and garden enjoyment. You simply have to kneel when you weed; but did it ever occur to you that the beauty of vast quantities of flowers cannot be enjoyed standing up or comfortably sitting down? You have to kneel!

We understand that there is a movement on foot to establish a National Botanical Garden and Arboretum near Washington. The garden would have an area of eight hundred acres which could be increased, eventually to two thousand acres. One hundred acres of this area would be devoted to a water garden and thirty acres to a third sanctuary. From the activities of such a national botanical garden the American people could derive as much benefit as England has derived from Kew Garden. House & Garden hopes that Congress will see fit to authorize this desirable undertaking.

The old case of Dog or Garden has never been unequivocally settled—perhaps it never will be. Such plants as "Fido digs up all my Fomgloves" or "Queen went sound asleep in the middle of the Poppy bed after chasing a young robin through the whole length of the perennial border" are distressingly frequent and hectic.

As a matter of fact, a frisky, untrained and unrestricted canine can bring destruction to an exceedingly large number of garden hopes in an astonishingly small number of minutes. So can a kitten, a hen from the neighbor's side of the fence, or (asking your pardon) a child of either sex between the ages of three and twelve years. The usual procedure is to lecture the child, shut the kitten in the house and throw clods at the hen. Only the dog, being a dog, has to bear the entire blame for damage resulting from his owner's negligence in not according him even that measure of training which is granted the marauding fowl.

That's the answer—training. The two words, "Stop it!" have a far more salutary effect on the properly educated pup than they do on the kitten, the chicken, or sometimes (whisper it) the child.

House & Garden's authors are a book-producing lot. It would seem that they spend most of their leisure time penning manuscripts that publishers are anxious to purchase. Nancy McClelland will be represented this autumn by Historic Wall-Papers, the first really authoritative work on that subject. Stuart Ostfeld comes out with his first, "A Garden Bluebook of Annuals and Biennials," to which the editor of Horse & Garden contributes the preface. Robert S. Lemmon's "The Puppie Book" is going very strong and one of his short stories has just been awarded a place in the 1923 O. Henry Memorial Prize Stories. J. Horace McFarland has revised and enlarged "Roses and How to Groom Them". The editor of Horse & Garden comes out with articles on "Roses and How to Groom Them". The editor of Horse & Garden comes out with articles on "Roses and How to Groom Them". The editor of Horse & Garden comes out with articles on "Roses and How to Groom Them".

In a recent issue of The Architectural Review (London) the first pictures of the Queen's Doll's House appear. This miniature mansion, designed by Sir Edwin Lutyens, England's most popular architect, has been done, perhaps to scale that it is quite impossible, from photographs of the interiors, to tell that these are not life-size rooms; that the books, tables, chairs, even clocks, curios, ash-trays, and candles are not objects in the usual dimensions. Yet the whole thing is but one-twelfth natural size. The building is four feet high, eight feet long, four feet deep, and the Queen doll's powder puff is scarcely larger than a pea—a sweet-pea.
THE ENTRANCE FRONT

A whitewashed brick wall broken by an easy flight of steps to a grass terrace; simple brick piers surrounded by decorative lead peacocks; rhododendrons massed at the corners—of such simple elements is made this entrance to the home of Bertrand Tvoron, Jr., at Locust Valley, L.I. The house itself is of stucco painted white. Another view of it is found on page 81. H. T. Lindberg was the architect.
HOUSES THAT BLOOM IN THE SPRING

Often the Addition of a Piece of Furniture, Crisp Curtains or New Wall Paper Will Transform an Old Room into a Fresh, Inviting Interior

PIERRE DUTEL

THERE are many ways of spending money but to me the most satisfying and pleasant way is to spend it on the house, especially at this time of year when various rooms should put on a new, fresh guise in honor of spring.

A room does not have to be entirely redone in order to look spring-like and attractive. Just the right touches here and there are frequently enough to transform a drab and colorless interior into an inviting and delightful spot. A pair of new fresh chintz curtains in place of the heavy damask or velour ones, a new, comfortable chair, perhaps an occasional small table, or such important accessories as new lamp shades and cushions will work wonders in a room that has begun to look a bit passé.

Nothing so quickly transforms a room as fresh wallpaper. There are many new papers, gay and daring patterns as well as copies of old designs, that would be delightful in a simple, country house living room. One in particular reminds me of an old set of Chelsea china. It has a soft bluish background with an all-over design of moss green leaves and flowers, and here and there through the deep foliage one gets a glimpse of a charming vista—a blue pond and some flowers in the distance with a pair of gray swans swimming on the quiet surface. With this the woodwork might be painted gray and the moldings touched up in moss green. The doors I should have green also and in each of the panels might be painted a design of the swans in gray.

After wallpaper nothing makes so great an improvement in a room as new slip covers. If the walls or curtains are figured these should be of linen or sunfast glazed chintz in a plain color, bound with some bright contrasting shade. In the room with the swan paper they might be of plain blue glazed chintz bound in green. New curtains of sunfast organdie in some soft, harmonizing shade, made with two sets of pleated ruffles will add immensely to the fresh, summery appearance of a room.

Another way of bringing interest to an old room is by the addition of attractive new lamps and shades. The lamps in the room above might be of black or green glazed pottery with green pleated shades and a shade of the wallpaper mounted on a frame and shellaced would look well on the reading table by the sofa. The floor should be painted a soft green and covered
with washable, gray rag rugs bound in blue.

In a more pretentious house where the dining room is large enough to remodel into an octagonal shaped room, an unusual effect can be created by having niches cut into the corner partitions.

Paint the walls a rich bottle green and use a heavy oil finish to give a sheen. The insides of the niches marbleize in black and gold and treat the trim the same way. Blue glass shelves that have been cut to fit the curve of the niches can be fastened in with invisible brackets. On these place some choice plates.
When the dining room is large enough to remodel into an octagonal shaped room, an unusual effect can be created by having niches cut into the corner partitions, marbled black and gold inside. The shelves, holding choice bits of china, are blue glass

or bits of china. This does away with the awkward china closet.

At the windows hang curtains of rich pinkish orange sunfast glazed chintz or a corded silk poplin made with French headings. Over these place valance boards made of wood painted the green of the walls. Diamond shaped inserts of black glass with decorations of ships painted in blue and green will lend a note of distinction and formality to the room. Tie backs of glass, or decorated wood will hold back the draperies and show a vista outside. The floor here may be of black and white tile, or

(Continued on page 142)
Nothing emphasizes quite so well the close attachment of the house for its site as the ease with which one may step from lawn to floor level. Here, to the porch, it is a matter of five inches, and one feels, from the window heights, that the living room, in its low wing, is settled just as snugly.

A detailed view of the living room wing shows the materials of the house and their treatment. The walls are shingled and stained white; the bricks of the chimneys are painted white and the solid paneled shutters are apple green. The evergreen planting of tall Conifers may soon be too robust.

THE DUTCH COLONIAL

home of

MRS. G. F. McQUADE, FREEPORT, N. Y.
The view from the entrance angle proves that the main doorway to a house may be casually placed, architecturally speaking, yet be extremely effective. In the immediate foreground is a large Maple that has just been moved to this new location lending it shade, age and luxuriance.

IN MODERN DRESS

designed by

DWIGHT JAMES BAUM, ARCHITECT

With the two wings running through but one story, the second floor seems that of a smaller house. The baths are well disposed, the bedrooms are of good, comfortable size, and the closet space is unusually ample.

The entrance doorway, with its fine elliptical fan light, its well proportioned panels, and its slender pilasters, contains the same gracefulness which characterises so much of Mr. Baum's work. Without some diverting it is possible that the Wisteria may soon smother much of this delicate architecture.
THE OTHER SIDE OF THE FRONT GATE

A Statement of House & Garden’s Policy Regarding
The Exercise Of A National And Civic Conscience

JUST as soon as a man starts to make a home he realizes that his front gate has two sides—his and the other; that it opens upon two worlds—the world of the home and the world of the town in which he lives and the nation of which he is citizen. He may close the gate, but neither world can be completely shut out. So interrelated are they, so dependent on the other, that if he has the slightest desire to protect and further the interests of his home, he cannot do so without protecting and furthering the interests of his town and his country.

The American people have just been passing through a rather strenuous purgation of spirit. The humiliating and nauseous investigations at Washington have revealed this fact—that, if we are any longer to boast of democracy, something must be done to quicken the civic and national conscience of Americans.

We are ready to defend the home whenever its interests are threatened, but are we equally ready to defend those things in our towns and cities, and nation at large, that bear a vital, if not immediately perceptible, relation to the home and its future? The absence of this civic and national conscience is doubtless due to the fact that men and women generally do not realize that home interests are involved. They are involved in several ways—spiritually, esthetically and materially. Let us see how some of these effect the home.

The gradual reduction of our forests through wasteful cutting, fire and lack of reforestation may not worry the man in the suburbs of New York or any other great city of America. But it will become a distinct worry to that man’s son when he builds his house, to find a lumber shortage. This will be purely a material effect. But the vegetation and beauty of the country will be destroyed. This would have a spiritual and aesthetic bearing. For material, spiritual and aesthetic reasons, then, a national conscience should impel this generation of citizens to support the bill presented to Congress to authorize the purchase of forest lands for the purpose of restoring their forests and providing a national supply of timber. It should cause him to support every effort made to reforest our waste lands and to prevent the destruction of untouched timber lands by fire.

THIS same John Doe suburbanite may be horrified when he realizes that a group of influential and mis-guided enthusiasts plot a raid on Central Park to erect a musical and art center, thereby lessening the park space in which children of the metropolis can play and its citizens enjoy sunshine and pure air. Here health and beauty are involved. His very concern over them proves that he has a civic conscience. But he cannot be said to have a national conscience unless he realizes that, had this trespass on Central Park been legalized, it would have set the precedent for trespassing on any other National Park.

Time and again powerful interests have tried to invade these nationally restricted areas. They are trying to invade Yellowstone National Park at present. Once Congress is permitted to weaken in respect to one park, a precedent will be set for the invasion of every other National Park.

How is the average citizen to prevent this? How is he to exert his national conscience? For it is no use having a conscience unless it be aggressive. He can support those societies that watch so move threatening the prerogatives of the people. He can arouse other citizens to interest in them.

A CIVIC conscience functions much more readily because it is aroused by problems closer at hand. While these are matters of threatened injustice, they also concern themselves the economic and aesthetic development of the town. They immensely varied forms, ranging from such simple matters as lawn space and shrubbery planted around the railroad stations to the vitally important subject of town zoning.

Consider just these two subjects: The railroad station is the stranger’s first introduction to the town. If it is attractive, it makes a favorable impression. If not, it is the sort of place he would like to live in. It is the sort of place he would prefer for his business. Like the front yard of a house, it sets the standard of beauty which cannot be neglected.

Zoning also has its economic, aesthetic and legal phases. Through its administration certain areas are set apart for business and for residences. When factories and shops invade the residential districts the economic and aesthetic values of that district are threatened. It is no longer as good a place to live in. This zoning is taken up enthusiastically in some cities and towns, but in hundreds of others where no effort in this respect is being made.

On such matters the civic conscience must be aroused. If affairs have a direct bearing on the home and its future. It is the duty of every citizen to be alive to them and active in their support. For over twenty-three years HOUSE & GARDEN has devoted editorial pages strictly to interests of the home—to the tecture and building of better houses, to their furnishing and ornament, to the making and maintenance of gardens.

The American people have just been passing through a rather strenuous purgation of spirit. The humiliating and nauseous investigations at Washington have revealed this fact—that, if we are any longer to boast of democracy, something must be done to quicken the civic and national conscience of Americans.

From now on it purposes to devote editorial interest to the affairs that lie on the other side of the front gate, to those of national and civic betterment which have a direct bearing on the future of the American home. Its work along these lines has been as authoritative and aggressive as has been its past. In this endeavor HOUSE & GARDEN feels that it has the support of every loyal reader. It would be pleased to hear on these matters.
May, 1924

The fan used over this Korean cabinet in addition to being a decorative bit of color breaks the upright lines of the narrow bookshelves. It is made from a bit of highly colored old Chinese tapestry.

FANS OF YESTERDAY

THE semi-circular fan is one of the most useful and interesting bits of color and form in decoration. Particularly difficult spaces, such as that over a long, low sofa or a high mantelpiece, can be successfully filled in with a graceful and colorful fan which brings a note of distinction to an interior not to be equalled by any other form of decoration.

FOR MODERN INTERIORS

Beautiful old fans should not be hidden away. They can be used in many ways in the house and often are more effective than either a mirror or picture. The semi-circular shape is especially pleasing and in addition there is the interest of design and color. Various ways of using old fans in places where their circle-like shape fits, are shown on these pages.

An old French fan with a design of pastoral scenes makes an unusual and graceful decoration for a bed canopy. The taffeta hangings and spread are blue and rose, to match the main tones of the fan.
A mauve lattice and pink flowers on a cream ground make this semi-glazed chintz unusually appealing. 30 inches, $6.85

A charming semi-glazed chintz with an apricot ground and a design in delicate blue, green, henna and mauve. 25 inches, $4

A linen with a decorative bird and flower design on a green, black or blue ground. 50 inches wide and priced at $5.50 a yard

The simple curtains at the left are of sunfast organdie which comes in pastel tones. 45 inches wide and $1.90 a yard

Striped sunfast taffeta is an excellent fabric for country house curtains. Blue and beige, lavender and tan, rose and tan, mulberry and tan. 50 inches, $3.25

English prints make charming curtains for cottages or children's rooms. All colors with quaint dotted designs. 25 inches, 80c a yard

This chintz has a blue, black or tan ground and bunches of flowers in rose, green, white and yellow. 36 inches, $1.50. Glazed and unglazed

A linen with a decorative bird and flower design on a green, black or blue ground. 50 inches wide and priced at $5.50 a yard

The simple curtains at the left are of sunfast organdie which comes in pastel tones. 45 inches wide and $1.90 a yard

The chintz at the left comes either glazed or unglazed. Rose and mauve flowers on either a pastel mauve or black ground, 36 inches wide, $4.40

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May, 1924

Glazed chintz, tan, blue or green ground with contrasting birds. 50 inches $4.90

Checked linen in rose and gold to cover chair seats. 50 inches, $5.75

Glazed chintz, green ground, flowers in rose and blue. 50 inches, $3.60

Chintz, tan ground, flowers in rose, mauve and yellow. 36 inches, 99c a yard

Curtains of gold colored lustre marquisette edged with green glass beads. This material, plain, 50 inches wide, is $2.45. With an all-over lace design, 46 inches, $3.20 a yard

NEW FABRICS

The fabrics shown on these two pages may be purchased through the HOUSE & GARDEN Shopping Service, 10 West 44th Street, New York City. A service charge of 25 cents on articles up to $10 and 50 cents on anything priced at $10 or over is included in the prices.

Left. Cross stitch print, white, blue or tan ground, design in rose, blue green and lavender, 32 inches, $1. Below. Casement curtains, yellow satin net with cross stitch design and fringe, 36 inches wide, 2 3/4 yards long, $1.50 a pair

Right. Sunfast cotton fabric for upholstery. Yellow, natural or green ground, flowers in red, blue and green, 50 inches, $4.50. Below. Ruffled curtains, dotted cretonne, $8.50 a pair, white or cream. Muslin with colored dots, $8.25 a pair, 2 3/4 yards long.
A charming paper for a country house has a pale blue ground with white lilies and pansies and flowers in delicate colors. The border is in tones of dull red and blue. These border papers are used on plain walls, with paper panels and on screens.

BORDER PAPERS FOR
PLAIN OR PANELED WALLS

PAPERS FROM NANCY McCLELLAND
The drawing room of Sotterley is paneled in white-painted pine, with beautifully carved shell niches and an interesting mantel and chimney-piece, all done by a Colonial craftsman in the spirit of the true youthful English Renaissance.

The furnishing and re-decoration of the dining room have been done with a fine feeling for its period, yet without that conscientious consistency which often gives re-invested old houses a self-conscious and museum-like quality.

AN EIGHTEENTH CENTURY HOUSE IN SOUTHERN MARYLAND

THE RESIDENCE OF HERBERT L. SATTERLEE
The study, paneled with dignity and simplicity in pine and painted white, has been appropriately hung with Colonial prints and set with English furniture of the period. It opens directly upon the long terrace and garden beyond.

The principal feature of the entrance hallway is the mahogany stair-rail carved in an extraordinary design by John Bowen, a King's convict, who was also the artisan of the more conventional paneling and carving elsewhere in the house.
When George Plater built Sotterley in 1730 the West Shore of Maryland was clustered, though sparsely, with beautiful homes.

This lovely brick gable end shows the unusual loveliness and grace which have been given the roofs of the wings protruding.

A small cupola above the white clapboarded facade, set with the carved crest of the family, marks the house's main entrance.

From the long, brick-paved terrace a view may be had, under the green, of the broad Patuxent River flowing to the Chesapeake.

SOTTERLEY
ST. MARY'S COUNTY
MARYLAND
With its luxuriant growth, its scarlet autumn foliage, and with its black edible fruits, Vitis coignetiae, the Gloryvine, is one of the finest vines.

The beautiful heart-shaped leaves of the Gloryvine are among the most decorative of all climbing plants. Froodils dart in graceful flights from the compact foliage.

Climbing Hydrangea, H. petiolaris, likes northern and western exposures, clings nicely to walls, and spreads itself with large white flower clusters in summer.

Japanese Hydrangea, Schizophragma hydrangeoides, resembles H. petiolaris but is smaller and lovelier.

One of the best of the new climbers is Aucuba chinensis, the Yangtze, which is white flowered and fragrant.

A glorified Honeycshle newly introduced here from the Orient is Lonicera tragophylla, with its splendid heads of fragrant, long, rich golden-yellow flowers.
CLIMBING plants produce the most effective of all garden pictures and the nearest approach to tropical luxuriance attainable in northern gardens. Also they are of much value in screening from view or clothing with verdure objects not pleasing to the eye. The one difficulty is the provision of proper support for them to grow upon. Neat posts made of reinforced concrete and firmly inserted eighteen feet apart in the ground with stout copper or galvanized wire run through make a lasting trellis which, if ten feet high, will serve for all the perfectly hardy stem-and-tendril-climbing plants. Climbers so planted display their beauty to the best advantage and this arrangement will form an excellent screen to the garden or it may be placed so as to form an avenue or arbor. Such a trellis, probably the simplest and strongest vine support, is illustrated in the center of the opposite page. Where one desires to preserve architectural relationships between house and garden more closely than this plain style is able, or where the feeling of the situation requires a different type of trellis, then the elements in this design which make it so successful in a practical way should be kept in mind.

For whether the variation is a lattice in wood or wire, or a series of posts and chains, strength, adequate tendril-hold, real support for vines, are the essential factors in devices of this sort, however consciously decorative. Under the lee of a stone fence is an ideal site for all sorts of climbers and a far greater number will thrive under such conditions than on a trellis. Hook-climbers and many stem-climbers do well and look most effective if planted among or on top of large boulders where they can develop into a dense tangle. On such rocks if planted at the base, root-climbers and those which have discs at the ends of their tendrils do well. Root-climbers also thrive on the north and west sides of buildings and likewise on trees but in the latter case it should be borne in mind that sooner or later it means the death of the tree by strangulation and suffocation.

The most beautiful of all climbing plants hardy in cool temperate regions is Wistaria with multitudinous clusters of purple or white flowers. No plant blooms more abundantly and none other gives to the house or garden such an air of tropical luxuriance. Wistarias are natives of eastern North America and of China and Japan. The American species were first known and it was to them that the generic name Wistaria was given in honor of Dr. Casper Wistar. In 1818, W. sinensis was brought from China to English gardens and became the favorite of its family; indeed, nowadays, comparatively few people know that in eastern North America there are native species of Wistaria, so completely have their oriental relatives surpassed them in popular appreciation.

In scenes of Japanese gardens and temple ground and in Oriental paintings and embroideries most people are familiar with a Wistaria having very long racemes of flowers. This plant is known generally as Wistaria multijuga but is really a garden form of the common wild Wistaria of Japan (W. floribunda) and correctly should be called W. floribunda var. macrobotrys. The type is abundant on the margins of moist woods and thickets and especially by the side of streams, ponds and ditches virtually all over Japan and has racemes of pale purple flowers one and one-half feet long. The forms with white and pinkish flowers with (Continued on page 120)
GLOS is mechanically prepared cellulose, which is obtained from natural plants or trees. The cotton plant and the spruce tree are largely its sources. Spruce is made into wood pulp which is reduced to cellulose, and then run out in a fibre that can be wound into a continuous thread of any length and of any thickness or fineness required for weaving. It is from one-third to one-half as expensive as silk but considerably more expensive than cotton. A good deal of suspicion and not a little misunderstanding as do fine Chinese porcelains and jades.

Glos is usually advertised and sold under trade names copyrighted by various manufacturers, so that if you ask for a taffeta of glos the salesman, who does not understand what a taffeta weave is, may have no idea what you wish. If the customer is able to explain the sort of weave desired, many fabrics may be shown which the salesman would ordinarily know only by some advertised trade name.

Some of the plain fabrics are:

1. Taffeta. A plain over and under weave like damask, made in solid colors or in two colors giving changeable effects. It is also woven in strié, streaked, effects in three shades of the same color or in different colors. Used for over-draperies, bed draperies and spreads, couch covers, cushions, vanity and sewing table accessories, and lamp shades.

2. Satin. So woven that the warp, or lengthwise, threads form a more or less solid surface. Glos satins have a very high lustre but may soon be made duller. Changeable effects give interest to this fabric. Silk satins are sometimes woven with a ground of the higher lustre glos in another color making beautiful hangings. Silk satins are also woven. Used increasingly in living rooms as well as boudoirs and sleeping rooms.

Gauze. Plain over and under weave of thin veil-like texture in solid colors or changeable effects. These have a lively glitter and are well liked for casement windows and French doors. They fold a bit crisply like starched curtains or metallic tissues, but this quality seems to be liked, for they sell enormously in oyster color, pongée tones, gold, blue, and rose; the blues often have a warp of black or darker blue; "antique" or dull golds have a tan warp.

Net. A gauze woven with threads spaced more or less widely, producing the effect of a netting. Highly lustrous nets are used popularly for curtains, not only for casements, but in various changeable effects as cheap over-draperies.

Marquissette. A somewhat heavier fabric than the old marquissette weave, often called net; given an up and down ridged look from the cotton warp threads. The web, crosswise threads, is glos lightly crinkled or crimped. The glos and cotton threads may be of different colors. Much used for inexpensive over-draperies in gold, buff, blue, green, and rose.

 Fancy Weaves. A number of plain fabrics are made in fancy weaves giving pebbled, stippled, and other effects, in single or changeable colors. These may be very thin for casement curtains or a little heavier for over-draperies. Much used for sun parlors and breakfast porches. This is the "popular drape" for the victoria or radio. Coarse and rough effects are produced by weaving in cotton or luster threads, making a fabric well liked by decorators for hangings.

Stripes are woven in every type of these fabrics, taffetas being in great demand, as are satins. Striped and blocked gauzes are popular.

Gauze. Figured gauzes for casements and French doors. In panel designs or by the yard are very popular. It seems possible that the Vogue for things Spanish having lent interest to glos laces has attracted attention to glos laces which suggest them. Their use is increasing.

Damask. A fabric in which the figured design has a satin weave on a plain ground or the reverse, as in a table cloth; of a single color or two or more combined. Glos damasks are used in enormous quantities for upholsteries and draperies. Good ones very closely resemble silk damask, having a little higher lustre not easily distinguished even by close comparison.

Brocade seems to be as successfully woven in glos as in silk. The less expensive glos makes it possible to obtain a heavy brocade hanging with a full rich fold impossible except in a much more expensive silk. The brocade weave originally simulated hand embroidery, but modern brocades are simply figured silk damasks. A good one very closely resembles silk damask, having a little higher lustre not easily distinguished even by close comparison.

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Although the entrance hall in the New York home of Cornelius N. Bliss is narrow, a sense of space is achieved by the careful grouping of the furniture. On one side is a nicely balanced arrangement consisting of two Directoire walnut tables and chairs painted black and gold. This group is balanced by long windowcases on the opposite wall, hung in tille de négre satin, and a pair of black and gold Empire benches. The floor is black and white marble and the Georgian lighting fixtures black and gold. Elsie Cobb Wilson, decorator.
The walls in the dining room of the Bliss house are old white and the hangings faded red silk. Other color notes are introduced by the painted screen in blue-green, gold and silver and the grot point seats on the antique Chippendale chairs. A fine example of an Adam console and pedestals with carved urn knife boxes occupy one side of the room.

This effective and dignified group is in the library of the same house. Blue walls, arched doors with carved fan motifs, a Colonial black marble mantel and bookshelves set into panels on either side of the fireplace make a charming background for the comfortable, chintz-covered furniture and Italian and English pieces. Elsie Cobb Wilson, decorator.
The charming and very livable room above is the children's sitting room in the Cornelius N. Bliss house. The paneled walls are white and the curtains blue glazed chintz made with pleated ruffles and tie backs. On the overstuffed furniture is an old chintz in soft, dull colors. The rug is neutral in tone and the furniture Eighteenth Century Italian.

In the library of the same house is an interesting and nicely balanced group consisting of an old Sheraton secretary bookcase with brass grilles, two small Italian walnut tables and a pair of old English globes. The graceful arched windows are hung with copper-colored antique silk and the walls are blue. Elsie Cobb Wilson was the decorator of the house.
RESTORING A NEGLECTED WOODLAND

How Careful Planning and Planting Brought Back
Its Native Charm to a Dilapidated Farm Wood-Lot

HERBERT DURAND

THIS is the story of a neglected ten-acre wood-lot and what was done to restore its original charm and transform it into the sylvan paradise it is today.

Four years ago last October I received a letter from a dear old lady who has a summer home in the hill country, about seventy-five miles north of New York City. The letter said, in part:

I want you to come up here and see my woods. They don't roam much in round and they have been badly treated, but there are still many magnificent oaks and maples and any number of beautiful bushes, wild flowers and ferns.

It is my dream to make these woods a delightful place of quiet retreat, with frequent rustic seats and shelters. There must be cool, shaded rambles and pleasant, open glades, where the trees and flowers, the birds, and all forms of wild life can be enjoyed and protected. And I want to have their variety increased and their beauty enhanced. Won't you come and help me?

This letter indicated that here was an owner who realized and appreciated the aesthetic and recreative value of her bit of woodland. It convinced me that she would undertake its improvement with enthusiasm and make all necessary provision for its maintenance and permanent welfare. So I was glad to respond to her call.

The place is a modernized upland farm. It is typical of thousands of recently acquired "estates" lying within easy motoring distance of our large cities. The grounds about the attractive Colonial residence are "landscaped" in conventional fashion.

The woods were, of course, what was left of the old farm wood-lot, and I found them in a most deplorable condition. In many places the snarl of brambles, weeds and trash was almost impenetrable, and there was a pervading aspect of desolation and decay, accentuated by the stark boles of numerous lifeless trees.

Obviously, the first thing in order was a general clean-up. We were fortunate in finding an intelligent and reliable contractor for this usually destructive proceeding who followed instructions strictly and did the work carefully and to our entire satisfaction. Rubbish heaps, the accumulations of years, were carted away. Dead and dying trees were cut down, sawed into portable lengths and hauled to a nearby pasture, to be converted later into firewood. Dead branches were lopped off otherwise healthy trees and added to the woodylple. Then each man was given a pair of gloves and a mattock, and a determined onslaught was made upon the numerous tangles of poison ivy, cat-briars, blackberry bushes and interloping weeds. This is always an exasperating job, but we kept at it until every visible plant pest had been grubbed up by the roots and consigned to the flames. It pays to be thorough with such nuisances. Cutting them down with a bushhook (the usual practice) merely increases the number of shoots and causes them to grow more vigorously then before.

The next step was to prepare an outline map of the area on scale paper. The old lady, after much rummaging, produced a blueprint of a survey, which helped to define the boundaries and saved a lot of measuring. We then explored every nook and corner of the woods, and with the aid of a pocket compass and a steel tape, located on the map the following natural features:

- The course of a clear, mountain brook which meanders through the eastern half of the tract.
- Two picturesque rock outcrops and a number of huge, moss-grown boulders.
- Individual trees of notable size and beauty.
- Several fine groups of both deciduous and evergreen trees, over-arching embryonic glades.

Particular attention was given to the character, texture and chemical reaction of the soil, which was found to be intensely acid on the oak and pine-clad crests of the ridges, less so on the slopes, practically neutral in the low places and slightly alkaline on the sunny, southernmost rock outcrop. Notations accordingly were made on the map and lists were prepared of the indigenous bushes, ferns and flowering plants prevailing (Continued on page 138)
May, 1924

Under the hemlocks in the Sanctuary, where they are hidden from the sight of chance intruders, flourishes a happy colony of pink Ladyslipper, one of our increasingly rare native flowers that are in need of protection.

Shining Sumac is excellent for border plantings where, with Mountain Ash, Sassafras and other native trees and shrubs, it keeps out drying summer winds and winter storms. As a decorative growth it has few equals.

The White Fringe is one of our most effective native species. A superb specimen of it stands close to the entrance into the reclaimed woodland where its cloud of blossoms forms a delightful introduction to what lies beyond.

As an illustration of real wildflower conservation, this nook is shared by two species of Fungi, three of Ferns, a Hobblebush, Purple-fringed Orchis, Indian Pipe, Trilliums, Bellwort, Woodland Aster and Swamp Blackberry.

In June the clouds of bloom on the Mountain Laurels give the impression of long snowbanks. Even during winter this hardy broad-leaf shrub greets the eye with the sight of living green, always welcome at this season.
WHAT TO KNOW ABOUT WOOD FLOORS
Simple Facts of the Material and Construction of Floors
That a Prospective Builder Should Understand

MATLACK PRICE

The floor of unusual appearance here is achieved by the use of extra wide oak planks, dovetailed at the joints, and with the screw-holes conspicuously plugged with wooden pegs. This type of floor, specially suitable in an Elizabethan or Jacobean room, is simply a revival, like so much of our furniture, of an antique method of flooring which was evolved before modern mill machinery gave us the useful tongue and groove.

The standard dimensions of oak flooring today are two inches or two and a quarter inches wide by thirteen-sixteenths of an inch thick, and one and one half or two inches wide by three-eighths of an inch thick. These narrow oak boards are not only tongued and grooved on their long dimensions, but milled for end-matching with a tongue and groove. It is thus possible to blind-nail the entire floor. Blind-nailing means the driving of nails into the tongue of the board so that the groove of the next board conceals the nail-head, and no nails are visible. The nails recommended for use are called “Cement Coated Flooring Brads”, and the “3-Penny” size, driven sixteen inches apart are used for thirteen-sixteenth inch flooring, and the “3-Penny” size, driven eight inches apart, are used for three-eighth inch flooring.

The use of White Oak or Red Oak is more a matter of choice than of expense.

Prospective builders should not think of their specifications with the idea that hard pine (usually called Southern Pine, and noted on plans as “Y-P,” Yellow Pine) is a cheap substitute material. I have no figures, but conjecture that at least eighty-five per cent of hardwood floors in the United States are of various grades of hard pine. The lower cost of hard pine as compared to some other hard woods is due to the plentiful supply, and not inferiority as a flooring wood. The best grades are quartersawed, and edge-grain pine, and in cases where the scheme of a room does not allow any of the natural light tone of pine flooring, it can be stained in any color.

Birch, one of the hardiest of the hardwoods, is one of the standard flooring materials, and is stocked in its natural slightly reddish colors, or in lighter coloring, which can be brought to any desired tone by staining.

Red Gum is considered a good flooring wood, because it does not shrink or split, wears evenly and smoothly, takes any stain and has an attractive natural grain.

Maple is one of the hardest of all woods used for flooring, and its wearing qualities are often considered as quite offsetting its lack of conspicuous grain or figure. It is often used in parquetry, with other woods.

(Continued on page 134)
The home of Bertrand Taylor, Jr., at Locust Valley, L. I., of which another view is found on page 54, is a simple development of three units—a middle unit flanked by a service wing in stucco and half-timber and a library wing that helps to enclose the terrace.

**TWO HOUSES**

by

H. T. LINDEBERG, Architect

The home of Mme. Galli Curci at Highmount, N. Y., is a low-lying group in stucco, half-timber and stone of the locality, set on the brink of a Catskill gorge. This entrance front view shows the studio wing; the main portion of the house and the service
Above is shown the house after it had completed the first stage of its development from farmhouse to, ultimately, a country house of considerable size.

The white space beyond the floor plan of the original house shows the area covered by the projected development of the first stage in its gradual growth.

THE COTTAGE THAT GREW UP

From a Small Farmhouse Beginning, But with a Definite Plan of Growth on Paper, This Place Reached its Successful Conclusion.

ONE of the great delights of a country home lies in watching the gradual growth of a well-conceived and carefully worked-out plan. This has been especially true of the house and grounds shown here because their development has been consistent, from farmhouse beginnings to the present well-equipped country place of ample proportions.

The first small dwelling was remodeled several years ago. This step decided the architectural character of the house and gave it the domestic charm of a liveable home, its size seemingly lessened from the outside because of the low eaves and one-story wings. The plan of the original house was very simple; but there are latent delights in almost every building to the careful

home seeker who cooperates with his architects, and in the first stage of this development there were found to be many. The addition of the symmetrical wings gave unusual interest to the house besides making a practical plan.

There are three things for which an architect strives in planning a successful dwelling, no matter what its size. First, a private home-center, or living room, away from the interruptions of the occasional visitor. In larger houses a reception room may be provided to keep the principal living rooms free, but as the house diminishes in size, a solution must be sought in other ways until in the smallest houses it is often accomplished with a simple vestibule. The second desirable feature lies in providing convenient access from the service rooms to the front door and upstairs without disturbing in any way the family living rooms. The logic of this is obvious whether there are many or no servants. There is some dissension over the third feature—a dining room which can be practically, if not entirely, closed off from other living portions of the house. All of these features obtained in the first enlargement, along with many others that help to make a good plan, not the least of which is the three-side exposure of the living room.

The skill with which the final enlargement was made is shown in the photographs and floor plans. Nothing is lost and much is gained. The family rooms on the second (Continued on page 96)
The house as it stands today, long, spreading, gracefully composed, and faced with white stained shingles, still preserves the spirit of its nucleus. Warren D. Owen, owner; Richard Schmidt, Garden & Martin, architects; Jens Jensen, landscape architect.

The two upper plans show the first and second floors of the house in the second stage of its development. The stairway has been but slightly changed, but the whole layout of the central structure has been simplified and the rooms enlarged. A short service wing has been added to one side and a porch and arbor to that opposite.

The under plans show the house as it stands today. On the ground the most noticeable change would be that of the longshaped wings and their terminating gabled ends which house the guests and the service. Inside the stairway has become circular, a porch made into a library, and bedrooms added. At the left is the drive-way entrance.
The garden is built almost entirely of brick: walls, paving and seats hav­ing been derived from that pleasant material and held together with an interesting diamond-shaped pattern.

These steps descend upon the putting green. On their upper level begins a long arbor whose flat and graceful arches have been ingeniously and unusually constructed of reinforced brick.

A glimpse of the boxwood garden, which springs from a paved terrace on the eastern side of the house, gives an impression of great age to a spot that has existed in this state for scarcely more than a year.
Four plant types make the Magnolia Walk a tremendously effective vista: Boxwood, Magnolias, Cedar hedges, turf, and nothing else. At the time of photographing these had been in place a year.

The plan of the grounds shows an interesting arrangement of the various parts of the place. The flower garden is the central feature, and from its two axes the skeleton of the scheme develops.
A GARDEN IN TULIP TIME

May, the season of Darwin and Breeder Tulips, is one of the most colorful in the garden year. Here the Tulips are planted along the walk that surrounds a lawn. Clipped hedges enclose the garden and tall trees give it background. The mauve, yellow, orange and purple Tulips rise above a feathery ground cover of pale blue Forget-me-nots.
LILIES, from the gentle Lily-of-the-Valley to the swanlike Calla Lily, are so decorative and coolly colorful that they have been the inspiration for the designs of many charming chintzes. These are especially suitable to summer bedrooms where the effect should be restful, colorful and cool. A color scheme based on the green of the leaves, the soft yellow found at the heart of the flower and the creamy whiteness of the petals would create a restful room as well as a colorful and interesting one. The note of blue might also be added, a clear strong blue, the color of a woodland lake under a June sky. This would in no way detract from the effect of coolness and repose and is charming with green and yellow.

A room of this kind is shown at the top of the page. Here the woodwork is green and the walls are papered in a quaint, old-fashioned paper with a white ground and a design of green polka dots. The curtains, which, in spite of their airy, fragile appearance are both durable and washable, are made of sunfast organdie in a soft green shade to harmonize with both the wallpaper and the glazed chintz roller shade. This has a green ground and a Lily design in white, a little yellow and green. Some blue-green appears in the leaves and there is a spray of tiny bright blue flowers.

In this room the furniture might be painted white with green lines and a chaise longue and one overstuffed chair should be covered in the Lily chintz. Another chair might have a slip cover of blue sateen piped in green and made with a box pleated ruffle. Drape the dressing table in green organdie over white sateen. The organdie should be scalloped and ruffled in the same manner as the curtains. Over this hang a mirror with an old, dull gilt frame. The bedspreads can be of taffeta, sateen or cabled silk, the same tone of green as the curtains, scalloped and bound in blue. A little slipper chair done in yellow would bring a bright, contrasting note, and old flower prints, preferably of various kinds of Lilies, might have narrow, bright blue frames. The rug should be taupe color.

This same Lily chintz with a black ground is shown at the right. This would make effective curtains in a man’s room with walls and woodwork painted blue-green, the color of the leaves. Furniture painted black with blue-green lines would be masculine and in harmony with the curtains and there should be at least one commodious chair done in either deep blue-green silk or red leather.
Ear tea on the porch comes a new iced tea pitcher in cool green glass with an attractive ribbed design and an amber foot. The Steuben Glass Works

Vases of every size and shape are in constant demand in a country house, especially one with a garden near at hand. Above is a collection of graceful shapes in clear, deep green glass. From the Steuben Glass Works

At the right is a pair of vases, reproductions of old designs, in opaque glass—soft pale green and alabaster white. This cool coloring is especially effective with white flowers. From the Steuben Glass Works

Delicate green opaque glass candlesticks and flower bowls are a charming color note against white walls and on a white mantel in a country house. Glass from Paul, Lindemann & Company. Colonial mantel courtesy of Arthur Todhunter

This vase, made in Czechoslovakia, is dark green and white

White flowers look particularly well in deep green glass
**THE CARE OF THE FLOOR**

The Way in which Floors and Surfacing are Laid, and the Treatment They Receive, are as Important as the Materials of which They are Composed

**ETHEL R. PEYSER**

The care of floors and floor coverings is not confined to laying them well and treating them with careful consideration, but includes at the beginning the most intelligent selection. All the care in the world will not redeem poorly chosen materials.

Of all the floors we know, the newest comer, rubber tile, seems to need less attention than any others. Here is a flooring which is adapted to every room in the house, including conservatory and porches, on whose surface nothing seems to make an impression, a floor which does not wear at over-used points, such as the foot of the stairs. The only thing necessary on such a floor is soap and water. Powder or abrasives cannot hurt it, yet it is unnecessary to use them. The laying of the floor is the chief asset in its upkeep; badly laid, it is a curse rather than a benefit. The linoleum floor, which needs no further eulogy here, is one of tremendous utility in all parts of the home. Whether laid over felt, as is recommended by some makers, or without felt, as is recommended by other manufacturers, it is enduring and delightful. This, too, should be laid, with care, over wood or concrete by skilled workmen.

The two great classes of linoleum are the inlays and prints. The former has the pattern imbedded from front to back, the latter has it printed on the surface only. Therefore you can see which is the most enduring. The printed kind will never wear out but will wash out: therefore a little attention must be given it to keep its face in pristine condition. Linoleum, being made of linseed oil, cork, flour, and other ingredients mounted on a backing of burlap (the silver lining of these mighty floors), it improves on usage if occasionally washed and given a delightful effect and, of course, wear exceedingly well.

There is no doubt that the wood floor carries with it a dignity, intertwined with tradition, that no other flooring has. It is about as old as the marble and stone floors of the ancient Egyptian, Roman and Greek days. In this country we have fallen heir to the old Colonial floors, and floors of other periods, and treasure them because we feel they tied us to our history and family memories. No one can say that the wood floor is not enduring, for there are many in use today which were laid hundreds of years ago.

The reason we have inherited the old and lovely 8-inch planks is that before they were laid they had been seasoned outdoors in no hurried fashion. Today we take no time for real seasoning, which is but subjecting wood to the seasons' caresses. Our wood today is kiln-dried because of the different tempo of our lives in this generation. However, the correct kiln-seasoned wood is almost perfection. "Cut and dried" should have no sinister meaning when applied to wood,—for the best floors are those which are cut and dried to the proper points. Going to the best makers of wood floorings is the best you can do to insure a good floor—and do not pass this suggestion thoughtlessly.

**COMPOSITION** and concrete floors, brick and other floors, need washing and swabbing. Some of the brick types are waxed and give a delightful effect and, of course, wear exceedingly well.

As with the above floors so with the tile floor. All should be laid with the sanitary cove, or curved finish, where the wall connects with the floor. This sort of joint insures comfortable cleaning and prevents the formation of dirt and vermin haunts.

The tile floor is a regular floor, of course, except that it is a bit tiring on steady pedestrianism and should be covered with mats to give the feet the resiliency that walking on a floor should give. Linoleum, or any of its near relatives, as mats, and rubber mats (of non-skid variety) too, make good ease spots for tiled floors. These floors need washing only, and excellent installations. The small tile wears better for floors where there is much traffic. It is sometimes possible to have a vent in the tile floor, so that a hose which has sufficient water can wash off the floor swiftly and well, without too much work. Sometimes the cement will bob up, but this will not occur in a well laid floor. So again, as with children, the better the initial care, the better the chances for lasting strength.

**FLOOR CARE**

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The reason we have inherited the old and lovely 8-inch planks is that before they were laid they had been seasoned outdoors in no hurried fashion. Today we take no time for real seasoning, which is but subjecting wood to the seasons' caresses. Our wood today is kiln-dried because of the different tempo of our lives in this generation. However, the correct kiln-seasoned wood is almost perfection. "Cut and dried" should have no sinister meaning when applied to wood,—for the best floors are those which are cut and dried to the proper points. Going to the best makers of wood floorings is the best you can do to insure a good floor—and do not pass this suggestion thoughtlessly.

In the case of an old floor, the thing to do, after you have made sure that it is as level as possible, that there are no hazards or furrows or projecting nails, that all the boards are even, that there are no overlapping edges and everything tightly in place, is to give it the finish that will last. There is a long process and a short one, and the short one is very popular now. Engage a man with an electric scraper. This takes off the old finish, spots and colorations. If the floor is still imperfect, let him go over it again and perhaps apply some oxalic acid if stains still persist. Then use a filler for the cracks and another filler for any pits in the wood, after which treat the floor with a floor wax of some approved make, whose pedigree is irreproachable. Where color is necessary use a dye (stain) and then wax for the finish.

After this, rub the floor over with a block of wood covered with Brussels carpet foundation.

The longer way in which to resurface the floor is, briefly, this: (1) Plane the floor. (2) Bleach it rapidly with oxalic acid so that it will not get fuzzy from the acid. (3) Use a filler bought from the best manufacturer of fillers and tell him the color you want according to the floor. (4) Let this harden. (5) Rub off with excelsior, and rescape if the old color remains and bleach and allow to harden. (6) Smooth it off with a rubbing of steel wool. (7) Let the floor remain unainted for 12 to 56 hours in order that it may get perfectly dry; the length of time depending on the weather. (8) Sand paper the floor to its final smoothness with a wood block covered with sandpaper. (9) Brush the floor carefully with a brush of hair to remove scrapings and go over it again with a cheese cloth mop. (10) After a few hours apply the floor wax with a weighted brush, then brush over with the weighted Brussels carpeted block. It might be well to keep this block for future use.

Now your floor is in fine condition and all that is necessary to do is to give it twice a year a treatment of floor wax. If, however, the floor is situated where there is much traffic, such as in a hall, in the nursery, the wax can be applied oftener. But in any case the Brussels block hovering over the floor is never a nuisance. It is once or twice a week that is all that is necessary to keep the floor in lovely condition.

Never wash these waxed floors; you will but lose time, beauty, and waste the money you have expended.

In the new floor all you have to do is keep the wax surface "burning bright," and you will have a floor that will outlive you and the rest of the house, for this wax not only gives charm to the floor but is a protective covering that saves the floor and saves you trouble.

(Continued on page 124)
The clump as dug up in the autumn. In the spring it is cut apart, with a sprouting eye to each tuber, the tubers planted separately.

In mid-May the tuber is laid on its side in a hole 6 inches deep and with the sprouting eye up. Drive in the stake at the same time.

Where the tubers are planted close together, cut off the bottom laterals in July, giving foot room, and strength to upper branches.

In a month's time the tuber has sent up several sprouts. The next process reduces these shoots to one stalk. Note that the stake is labeled.

Cut away all the side shoots, leaving one stalk. Thus the strength of the plant is forced into this one development. This is done in mid-June.

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DAHLIAS: A FLOWER FOR ALL

The Dahlia is the busy man's flower—robust, reliable, repaying a small amount of care with a wealth of bloom at a season when the rest of the garden too often is at tangles. A flower, too, for one who likes to build up a stock of his or her own raising, for the increase each year is four-fold or more. No sunny spot of ground that is reasonably well drained need be without its Dahlias, for they are immensely adaptable. Any natural lack of soil fertility can be made up by artificial means.

The photographs on these pages were taken by Harry Coutant, an expert with flowers as well as with the camera. They represent in an interesting way the cycle of Dahlia growth during a single season.

Dis-budding includes the removal of the two side buds in each group of three. Thus the strength of the plant is concentrated in single flowers.
Even the secondary lateral shoots will form many more buds than should be allowed to remain if blossoms of first quality are desired. Here the buds of the secondary shoots have been reduced from twelve to three. Such thinning is of marked benefit to the development of plants.

A single lateral shoot with three buds at the top and two tertiary laterals a few inches below.

A result of dis-budding appears below, a splendidly formed, strong stemmed blossom 7 inches in diameter.

The shoot at the extreme left was thus dis-budded to produce the blossom in the center.

The properly grown Dahlia, with its single main stalk, forms a steady, evenly developed plant. The effect of judicious pruning is clearly apparent.

Another example produced by the growing methods illustrated in these pages. It is interesting to note how well the plant is supported yet the stake concealed.

It has been charged that Dahlias run too much to foliage and not enough to blossoms. The fallacy of such a criticism is proved by every well-cared-for plant.
Most people have a difficult time growing flowers under trees. How many I have known who have given it up in despair! And yet it is all quite simple, if you are only wise in your choosing, if you only know what to grow. For that reason, the garden illustrated on this page ought to be not only a lovely spot in itself but a great help and inspiration to others.

It is in a suburb where the tall-trunked Oaks are just thinned enough to make the ground habitable. It is just a little space in front of the house, between the stone-flagged terrace and the street, all tucked in with high shrubbery boundaries, and as secluded as can be. It couldn't be more charming in its setting or more various and interesting in its plant material! Of course, you really ought to be entertained on its terrace on a warm summer afternoon to realize its full charm, to appreciate the trees,

(Continued on page 134)
HOW TREES ARE GRAFTED
The Methods by Which Two Different Varieties Are United Without Losing the Characteristics of Either

E. BADE

THE basis for the production of new plant forms or species is found in the variability of each individual plant when it is multiplied through seeds. The variations in the forms thus produced react differently in different cases. Some of them improve when multiplied, while others return to their natural inclinations and characteristics when the seeds are taken from the cultivated forms. It follows, therefore, that the reproduction of certain desirable forms without loss in variability can be accomplished with certainty only through budding or grafting. These are an organized union between a living fragment of one plant and that of another. The cambium, or growing cells, of the scion are joined mechanically to the rooted stock so that growth between their tissues is made possible. The two parts which are thus united form, on

their wounded parts, a callus or thickened growth produced by the unwounded cells. Only the cambium and the woody cells combine to form the parenchymatous tissue. The stock does not influence the scion to any extent; it, with all its parts, remains wild and all branches produced upon it must be grafted. The reproduction of certain desirable forms without loss in variability can be accomplished with certainty only through budding or grafting. These are an organized union between a living fragment of one plant and that of another. The cambium, or growing cells, of the scion are joined mechanically to the rooted stock so that growth between their tissues is made possible. The two parts which are thus united form, on

(Continued on page 100)
(Above) A comfortable chair in two sections, enameled any color, $36.50. Cushions extra. (Right) Willow lounging chair, unstained $27.50, enameled $25.50

Chinese rattan furniture is unusually comfortable. (Below) Hour glass chair with arm rests, $14.25. Table, 24 inches high, $14

(Low, comfortable chair of wood and striped canvas, $33.50. Wrought iron table, marbleized top $28.50. Cantigalli tea set, white and yellow, $28.50. Striped pitcher, $2.50

(Above) A comfortable chair in two sections, enameled any color, $36.50. Cushions extra. (Right) Willow lounging chair, unstained $27.50, enameled $25.50

(Above) There is always space on a porch for a willow chair of this kind that may be purchased unstained for $35.00. The cretonne covered cushion is $4.25 extra

(Above) There is always space on a porch for a willow chair of this kind that may be purchased unstained for $35.00. The cretonne covered cushion is $4.25 extra

A smart stick willow chair suitable for porch or terrace. In natural finish the price is $25. Enamelled, $31. Cushion extra

(Above) Chair of flat reed enamelled in two colors with silk floss filled cushion covered in sunfast stripe. $35.50. Four foot settee to match, with cushion, $30.50

The chair above is of fine reed. Enamelled one color, $35.50. Two tones, $39.50. Cushion extra. Table, with wood top 20 x 14 inches. $22.50 in plain enamel. Two tones $24.50
The furniture on these two pages may be purchased through the House & Garden Shopping Service, 12 West 44th Street, New York City. Kindly send money order, certified check or check on a New York Bank.

A porch is not complete without at least one long, easy chair. The one above of Chinese rattan is comfortable, durable and cool. It has an adjustable back, sliding foot rest and a pocket on the side for magazines. $26.

This Chinese rattan chair has a seat only 12 3/4 inches from the floor. It is very comfortable and may be used on a porch or terrace or in a garden. $13.

An amusing and comfortable small chair of stick willow is $15.50 in natural finish. Painted color, $18.50. In two tones, $20. Cushion extra.

A chair that combines well with either enameled willow or painted wood is of Chinese peel rattan decorated with black motifs. It is both durable and comfortable. The price is $17.

The stick willow chair at the left is $15.50 in natural finish. $18.50, painted any color and $20 in two tones. Five foot settee, $38 natural finish, $50 one color, $55 in two colors.

COMFORTABLE FURNITURE FOR THE PORCH

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### The Gardener's Calendar for May

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This calendar of the gardener's labour is designed for the Middle States, but it should fit the whole country if, for every one hundred miles north or south, garden operations be retarded or advanced from five to seven days. This is for a normal season.

**Louis Van Houtte**

*This great Belgian's name is familiar to us as a post-hx to many of his shrub and herbaceous introductions.*

**David Douglas**

*In the 1920's this Scotch Botanist explored our western scene, where he found our well known fir and many other plants.*

**Alexander von Humboldt**

*One of the greatest of German explorers is famous for his horticultural findings and introductions.*

**Dr. Regel**

*Regel's Plant and Regel's Lily only begin the list of plants from this hybridist and introducer.*

**John Tradescant**

*Every one knows Tradescantia, but few that it was discovered by this Englishman in Colonial days.*

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**These men by exploration or hybridization, have introduced to our gardens and grounds some of our most graceful and beautiful plants. Through hardly a list of shrubs, trees, or herbaceous flowers, things is it possible to look without running across some of their names. Among the Sphæras alone there are varieties: S. tournefortii, S. douglasi, and S. thunbergii. In almost every great plant group one or more is bound to be represented. The story of their discoveries would not only make fascinating reading, but would inject for us a personal interest in the plants for which they were responsible.**
May, 1924

Sent with satisfaction and greeted with gratitude. The box of chocolates with individuality, charm, prestige.

That happy assortment of Whitman’s which goes into millions of homes for everyday use. Bought also as a gift it is always appropriate for anniversaries, for a hostess, for any occasion when the giving of candy is a happy thought. The SAMPLER is sold in all those selected stores, one in nearly every neighborhood, that are agents for the sale of Whitman’s.


This book tells how to make your home more artistic, cheery and inviting—How to have beautifully finished woodwork, easy to use. Johnson's Wax is the ideal finish and preservation and protect—in one operation. Imparts a beautiful, hard, dry, glass-like polish which will not gather dust and lint or show finger prints and heel marks. Johnson's Wax is very easy to use.

Ask for a FREE copy of the Johnson Book at any store displaying our Service Department sign shown at left. If no store in your locality has a Johnson Service Department—fill out and mail coupon below, enclosing 10 cents to cover postage and wrapping.

S. C. JOHNSON & SON, Dept. R. G. & S., Racine, Wis.
"The Wood Finishing Authorities" (Canadian Factory—Brantford) Please send me FREE your authoritative Book on Home Beautifying and Wood Finishing. I enclose 10 cents to cover mailing cost.

MY DEALER IS

City & State

THE COTTAGE THAT GREW UP

(Continued from page 55)

From the rear can be seen the service wing, the laundry on its lower level, and the way in which additional bedrooms have been put over the enclosed sun porch.

THE PROPER TREATMENT for Floors, Woodwork & Furniture

JOHNSON’S POLISHING WAX

The furniture of Italy and Spain, during the Louis XIV, XV, the Regency, and Louis XVI styles, is simplified and elucidated. From the earliest times unto the present day, the text carefully traces the development of furniture and clearly brings out the salient features of each period and style. The importance of climatic, physical and historical influences, visible in the form, color and ornamentation of a style, is interestingly explained, as, for example, the Persian and Greek wars and their influence on Classic types, the Crusades and the resulting Gothic, the trade with the Orient and the influx of Chinese ornament and color, and the inter-commercial wars of European kingdoms, bringing about the adaptation and fusing of forms and details of other countries, modified by the racial characteristics and living needs of the people by whom the styles were developed. The differences in form and intricacies of details, as in the Louis XIV, XV, the Regency, and Louis XVI styles, is simplified and elucidated.

ON HOUSE & GARDEN’S BOOK SHELF

Family budgets can be a lark or they can be a ghastly chore. Charles F. Breitzke, published by Lefax, Inc. Family budgets can be a lark or they can be a ghastly chore. Charles F. Breitzke, published by Lefax, Inc.

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"Contentment"—Absolute contentment in her motor car choice is reserved for the woman who owns a New V-63 Cadillac. No feeling of dissatisfaction mars her motoring pleasure; no desire besets her for any car other than the one she possesses. Its rich, distinctive beauty, dominant in any company, is a never failing source of delight to her. The comfort of its deep, soft cushions, its ease and evenness of travel, and its wonderful facility of operation and control, all contribute to her joy of ownership. She takes special satisfaction in the safety afforded by Cadillac Four-Wheel Brakes, and in the performance of the new harmonized and balanced V-Type eight cylinder engine—as smooth and quiet as it is powerful and dependable. Each succeeding ride in the New V-63 Cadillac confirms her belief in its leadership. It is the car she desires, and the car she possesses, and therein lies the secret of her enviable motoring contentment.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motors Corporation

CADILLAC
STANDARD OF THE WORLD

CADILLAC V-63 ROADSTER
BERKEY & GAY Furniture is sincerely created. It holds faithfully to that utility for which it was fashioned, the first requisite of honest craftsmanship. The selection of woods, the design and the finish are eloquent of beauty and good taste. It is the kind of furniture one delights to live with, in intimate association, year after year.

**This Shop Mark**

In Berkey & Gay Furniture, it is the guarantee of quality and his pride ever after.

Berkey & Gay Bedroom and Dining Room Suites are available at prices ranging from $350 to $5,000

BERKEY & GAY FURNITURE COMPANY
GRAND RAPIDS

New York Wholesale Showrooms: 115 West 40th Street
(See directions by leaflet from your merchant or decorator)

England and her colonies, and their variants are made clear and their points of difference simplified.

The importance of studying the collections in museums and the many good reproductions is stressed. Text and illustrations, the author rightly says, are but the initial step and guide; it is only by supplementing them with actual study of the furniture that one gains sure knowledge.

For those of us who, unfortunately, for the present at least, are unable to do this, the illustrations will be most helpful; for by diligent study of them one can easily recognize a style and its important details. Moreover, the book is filled with illustrations from old manuscripts and books of the periods showing the actual use of the different pieces of furniture and bringing home to us, as is possible by no other method, the gradual development of the furniture which in our modern sophisticated life is taken so much as a matter of course. The evolution of the chair from the primitive Egyptian wooden stool with its seat of leather thongs to the ornately carved setteis with its tapestry or brocaded upholstery of the Baroque period; the primitive Indian chest, which served as wardrobe, safe, bed, and seat, to the elaborately carved and gilded chest of the Italian Renaissance, are but illustrations of the careful study and research evidenced by this book. Colored illustrations are shown when necessary to emphasize a style, for example, the painted furniture of Venice and the lacquered furniture of China. The fusing of periods and styles by the various races, as in the Renaissance in Italy, Spain, France, England and her colonies, and their variants are made clear and their points of difference simplified.

(Continued on page 106)
A semi-glazed chintz
true to the spirit of the English original

The present-day interest in early American interiors and the chintzes used in them brings fresh pleasure in this fabric. It was the great East India Trading Companies that first brought to European lands the bright “painted clothes” in which chintz had its origin. India, Egypt, France and England have all contributed to the wealth of chintz designs. And among the loveliest of all are those taken from the bold floral designs of the famous crewel embroideries of Jacobean England.

The chintz shown here is an American adaptation from an old English chintz which is still being made from the original blocks. It is very typical of the designs made in great profusion during the second quarter of the XIX century. English chintzes are often glazed. But the old glaze made them very stiff and awkward for hangings. The new semi-glaze gives the chintz a glazed finish but retains the softness that is so necessary for successful draping.

Your own upholsterer or decorator will arrange for you to see the many chintzes and other decorative Schumacher fabrics. He will also be glad to arrange the purchase for you. F. Schumacher & Co., Importers, Manufacturers, and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York. Offices in Boston, Chicago, Philadelphia. F. SCHUMACHER & CO.
Let your windows welcome the sunshine

THIS YEAR select the curtains for your favorite windows in colors as delicate as you please! Let them blend the reserved charm of a beloved room with the gay graciousness of the outdoor landscape. Choose Orinoka guaranteed materials and know that next year when the sunshine sifts through the draperies it will find them unchanged. The same the year after—as long as the fabric lasts—the color will not fade!

Gold—mulberry—old blue—have the draperies you desire without dreading the damage of summer sun. Decide on glass-curtains of the most delicate shade without worrying about the effect of washing them. Launder them carefully, as you would a lovely frock, the color will be fresh and delightful as ever. The reason for this permanence is the special Orinoka process of hand-dying the yarns before they are woven into the cloth. Insist on Orinoka guaranteed materials. At the better department stores and smart decorating shops—in wide variety of patterns, weaves, designs, for every kind of window in every sort of home. You will always find glass-curtains of color matching the design or background of the over-draperies.

"Color Harmony in Window Draperies" is a little book full of valuable suggestions for selecting materials and making and hanging draperies. It was prepared by a New York decorator and includes many illustrations in color—showing effective window, door and bed draperies. Send your address and 20c for it.

THE ORINOKA MILLS
510 Clarendon Bldg., N. Y.

HOW TREES ARE GRAFTED

(Continued from page 98)

branches formed by the scion retain all their inherent desirable characteristics and produce, on a fruit tree, that type of fruit demanded from it. The stock merely furnishes the necessary food material for the well-being and growth of the scion and all its branches.

Care should be exercised in selecting the stock, for it must be closely related to the scion so that the bark and the growing woody tissues of the former closely resemble those of the latter. It is by no means rare that two not analogous unions are able to grow for a certain length of time, but they never last for any extended period.

Older books on gardening mention Rose bushes upon which Apples grow, Straw-berry trees, and other fantastic curiosities. This is ridiculous, although it is by no means uncommon to find fruit trees which bear Apples on one part and Peaches or Pears on another, or those which contain both Cherries and Damsons, or bushes bearing Gooseberries and Currants. But in order to produce these the gardener must have experience in grafting and budding, and a certain amount of luck.

Success in grafting depends upon the character of the scion as well as upon the care exercised during the process. The best scions are those which are one year old, healthy and vigorous, and which contain well developed buds. These are found only upon healthy and luxuriantly growing plants, more especially in their crowns where the twigs can receive the full benefit of the sun. The quick growing shoots or suckers should never be taken for grafting; they are usually but poorly developed, their buds are too far apart, and they bear too late in life. Two-year-old shoots are also inferior; they are likely to contain flowering buds, and when they are grafted the flowers appear before a sufficiently sound union between scion and stock is established to support this added drain. Should such a scion continue to grow it will develop a poor crown.

A perfect scion should have only leaf buds, and these should not be spaced too far apart. Then, too, the scion ought to be of the proper thickness. If it is too thin or weak it will dry out; if too thick, it will unite with difficulty.

Scions should be cut when the plant is at rest, some time between November and the end of January. If cut at a later date the graft will live but a short time. Scions from fruit containing pits should be cut as early as practicable, for the sap of such trees begins to flow before others.

When this is done, a very short piece of the second year's growth should also be cut, to prevent too rapid loss of sap moisture.

Should the scion dry out while it is being kept for grafting, and then shows a weak bark and red wood, it cannot be used. The cut surface must still be yellowish green near its outer edge and white or greenish white at its center. When this is done, a very short piece of the scion should be cut, to prevent too rapid loss of sap moisture. Should the scion dry out while it is being kept for grafting, and then shows a weak bark and red wood, it cannot be used. The cut surface must still be yellowish green near its outer edge and white or greenish white at its center. The bark, has dried out only slightly, a fresh cut is made and the scion is placed in a glass of water so that about half of it is submerged. The success of grafting depends largely upon vigorous scions cut at the right time and kept in a cool, shady and not too damp place until used.
Because the Packard Eight is a product of Packard you will naturally expect a performance of surpassing excellence. But be assured that even your confidence in Packard's skill and craftsmanship will not entirely prepare you for the superiority of the Packard Eight.

When Packard engineers designed the Eight they deliberately aimed to produce a car so far superior to any other automobile that competition would be unthinkable.

That goal has been accomplished, as you will quickly discover for yourself when you ride in the Packard Eight.

There never was a flow of power like that of the Eight; there never was such a sweet-running, silent, vibrationless motor; there never was such a luxury of motion, such distinctive beauty, such completeness of detail.

In simplicity of design, as in performance, there is nothing with which the Packard Eight can be justly compared.

Owners enthusiastically proclaim it, "the greatest car in the world." That is why public demand already greatly exceeds Packard's anticipated production.

Don't miss the experience of Packard Eight motoring. It will give you a new conception of motor car perfection.
There is some subtle something about Rigaud odeurs that seems to captivate and hold men in a strange way.

The following odeurs are created by Parfumerie Rigaud, 16 Rue de la Paix, PARIS

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RÉUA CÁMADO... IN AIR ENBAUMÉ

Each perfume is offered in a complete line of toilet accessories.

Geo. Borgfeldt & Co. Ill East 16th Street, New York Sole distributors for the United States and Canada

HOW TREES ARE GRAFTED

(Continued from page 100)

The soil in which the scions are kept should contain about 50% sand. They are sunk in it to about half their length (6 to 8 inches) after they have been tied in small bundles. The soil is loosely packed around them and the whole is protected with a comparatively thick layer of straw or pine twigs. This will partially protect them from the influence of the light which, otherwise, would cause them to sprout too soon. Then, too, such a covering prevents too rapid evaporation of such sap as would occur if they were exposed. Cold does not injure well protected scions, but they should be spaced, for extreme changes of alternate freezing and thawing. Keeping them in the cellar is not to be recommended.

There are many methods of grafting employed, differing in mechanics but not in their final outcome. All of them have their advantages and disadvantages.

One of the oldest is known as cleft grafting. This is a rather crude method, as the tree is considerably injured by it. But it has certain characteristics which make it exceptionally advantageous under some conditions.

This process is used where the stock is much thicker than the scion. The trunk or branch is cut off at a slight downward angle, closely fitted and held together by binding. Since a poor union is often obtained by this method, a tongue is cut in each part to make what is called a whip or tongue graft. This tongue is shown in one of the illustrations.

A slight variation of this is the veneer graft. Here both stock and scion are cut as described. Then the bark is sliced off and the cambium brought inward, and then, just beyond the pith, a downward and inward cut is made about two or three times as long as the scion. This is the part that will be cut away from the wood the scion, cut to a flat pointed wedge, is inserted so that cambium faces cambium. Should it be impossible to loosen the bark sufficiently for this, it must be slit vertically and then loosened. The scion itself is cut to fit, shaped on one side only, and the bark is left on its outside. When in place, the bark of the stock surrounds that of the scion.

Saddle grafting is a better method, for the tree is not so injured. In this method the stock is provided with a V-shaped cut, on the side. The scion is cut in a corresponding manner so that it fits into the V. It is placed in the stock in such a way that its cambium faces the cambium of the stock. Saddle grafting is well adapted to Cherries. The scion must be mature and woody.

Side grafting is probably the best method for the stone fruits. It requires that the bark of the stock be resilient, a condition that is found when the tree is producing its full flow of sap—usually in April. When the cambium faces the cambium is cut to fit. The cambium faces cambium. Should it be impossible to loosen the bark sufficiently for this, it must be slit vertically and then loosened. The scion itself is cut to fit, shaped on one side only, and the bark left on its outside. When in place, the bark of the stock surrounds that of the scion.

SPICE GRAFTING

One of the simplest methods of grafting is known as spice grafting. It is used when stock and scion are of approximately the same size. Both are cut at a slight downward angle, closely fitted and held together by binding. Since a poor union is often obtained by this method, a tongue is cut in each part to make what is called a whip or tongue graft. This tongue is shown in one of the illustrations.

When grafting has been accomplished, the wounds must be bound up. This is done by binding bast around the joints so that they are firm but not too tight. The whole is covered with tree wax, or shellac is painted over the wounds. When the graft begins to grow the bandage is loosened so that it will not bind and cut off the flow of sap.

All of these methods of grafting are most successful when the plants are still dormant but the sap just about to rise. In other words, some time in March or April.

GLOS FABRICS FOR THE HOUSE

(Continued from page 70)

manufacturers are now experimenting with them and they will doubtless be perfected. Silk pile velvet may have a ground of glos, its high lustre giving exquisite color effects in sunlight.

Cords and tassels, curtain tie-backs, gimps, braids, and other trimmings as well as bindings, tapes and ribbons can be used in almost every kind of fabric and are used in every conceivable way. The era of the cord and tassel is upon us.

The fact that glos textiles have been manufactured in colors that are claimed to be both tub-fast as well as sunfast is the strongest point in their popularity. It seems to be quite generally supposed that sunfast dyeing is some sort of magic trick and cannot be used for silk or other animal fibers. This is a fallacy. Many colors are sunfast in silk, and as the public demand becomes clearer in this matter, others will undoubtedly be offered. Fine reds are not yet available in sunfast fabrics, but tones of rose are fair. Creams, ecru, and many yellows hold well, and as these are popular colors for curtains, they naturally meet the sun full force and prove their worth. Fabrics for upholstery and door hangings seldom meet so severe a test.

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Back of MI VENEA. Parfumerie Rigaud's newest creation, like a most unusual story—a mimic old world romance that every woman will want to read. This story, in attractive booklets form, will be mailed on your request.
Only an expert can choose and group pearls, blending color and iridescence and achieve a final splendor through sheer multiplication of individual loveliness.

Only a house with the reputation and resources of Black Starr & Frost is afforded the opportunity to select its pearls from the finest offerings of the Orient.
A Randall Reed & Fibre Gold Band Suite. This is the Ambassador Davenport Bed suite. In a moment it transforms a living room or sun parlors of gracious hospitality and refinement into a luxurious sleeping chamber.

The New American Period in Furniture

This book depicts the new vogue in home furnishing. But its significance is much deeper, for it reflects perfectly the fundamental characteristics of present-day living.

It traces the development of American furniture from pioneer days to its culmination in the New American Period. It visualizes its adaptability for every room in the home, and shows suggestive treatments that will prove inspiring to those who wish to combine charming beauty, inviting comfort, and refreshing cheer with perfect taste and dignity.

It illustrates perfectly the manner in which this development of reed and fibre furniture gives the fullest expression to the fine modern feeling for spaciousness which always characterizes the home where the fine art of living is appreciated. The book is free for the asking. Simply sign your name to the request below.

A. L. RANDALL COMPANY, Chicago, Illinois

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Gentlemen: Without obligation, kindly send me a copy of "The New American Period in Furniture."

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

THE BUILDER'S SCRAP BOOK

Three Pages of Architectural Designs

(Continued on page 106)
HARRIET: "YOU DON'T MEAN TO TELL ME YOU REFUSED TO SEE HIM AGAIN! WHY?"
DOROTHY: "WELL, IT'S SOMETHING I DON'T WANT TO TALK ABOUT."

[Listerine used as a mouth wash quickly overcomes halitosis (unpleasant breath).]
Dependable and Beautiful

A clock that isn’t dependable isn’t a clock—it’s a nuisance! Where a Sessions Clock marks time you will never hear that inquiry-of-uncertainty: “Is this clock right?” Accuracy is the nature of a Sessions Clock.

There is a wide variety of styles in the Sessions line, providing a clock suitable for every room in the home. For artistic design and beautiful finish—at prices remarkably reasonable—the Sessions line is unique and unrivaled.

Our clock style booklet, picturing Sessions Clocks with details and prices, will help you make a selection at any of the leading stores. When you write (using the margin below) please mention your dealer’s name. Insist upon Sessions. Truth and beauty, both, are embodied in a Sessions Clock.

THE SESSIONS CLOCK CO., 122 E. Main St., Forestville, Conn.

Clock shown above
REVERE
29 5/8 inches long, 10 inches wide, mahogany finish case, solid panel (in colors), period dial, open case, heavy polished brass hands, cornice panel, or inlaid masa, in colors, $24

Clock at left
HILTON
21 inches long, 10 1/4 inches wide, oak, eight-day, chiming, hour and half-hour strike, hand-carved solid mahogany case, engine-turned silver or traditional dial, silver bezel with gold plated hands, cornice case, $31

Sessions
Clocks
DEPENDABLE AS TIME ITSELF

Write your name and address (and your dealer’s name and address) on the margin below and the booklet “Friendly Clocks”—picturing just the kind of a clock you need—will be sent to you. See Sessions address above.

Here are several noteworthy details: a beautifully curving roof line, an harmonious texture between ad-hoc timbers and rough plaster, and interesting brickwork.

J. W. Day, owner; Frank Forster, architect

THE BUILDER’S SCRAP BOOK

(Continued from page 104)
Genuine, full-sized balloon tires are standard equipment on the new T-6 Special Touring Reo.

Price, $1595 at Lansing plus tax
Including balloon tires, Motometer, winged radiator cap, full nickeled radiator, step plates, windshield wiper, electric clock, cigar lighter.
Upholstery, Spanish leather; black optional. Colors, Reo deep gray or Reo blue.

Among the many fine motor cars produced in America the Reo is conspicuously "The Gold Standard of Values" because intrinsic fineness of manufacture is coupled with self-evident moderation of price.

The reasons for this are concentration of tremendous facilities on one passenger car chassis, and to every Reo product being designed and manufactured in the big Reo shops,—not assembled.

REO MOTOR CAR COMPANY
LANSING, MICHIGAN
The Home you want to build is in this book

Volume I of "The Books of a Thousand Homes" is now ready. It contains plans, perspective and detail drawings and cost estimates of 500 inexpensive 4- to 8-room homes designed by architects of the highest standing.

The coupon below brings it to you by return mail.

When are you going to build your own home? This year? Next? Sometime indefinitely in the future?

If you have any intention of building at all, here is something to do right now: Get Volume I, "The Books of a Thousand Homes."

It is a book of small home plans that is entirely different from anything of the sort ever published before. It contains floor plans, perspective drawings, detail sketches and cost estimates for not twenty or fifty or a hundred but five hundred homes which can be economically built.

And for every plan in the book, there are working drawings, blue prints and architects’ specifications easily available. These you can turn over to your local contractor and let him go ahead. He cannot make a mistake.

In other words, this book offers you the services of more than 50 architects of the highest standing for $3!

The architects whose work this book contains are the best in America, men who could not undertake an individual commission for less than $500. They have given their services, in this instance, for the sake of builders of small homes who want the best of everything at minimum cost. The name of the Editor—Henry Atterbury Smith, the famous architect—is itself a guarantee of excellence.

Among the plans there is an almost infinite variety. There are homes of stucco, brick, frame, cement block, hollow tile and stone: and each is designed by a man who is a master in the field.

And even as a book, it is worth owning, for it is a beautiful example of planning and printing and binding, a decoration on any living-room table and an inspiration to its owner.

This is an opportunity not to be overlooked. The limited first edition is much in demand and is rapidly becoming exhausted. Unless you want to wait for your copy of this practical book, you must act now. The coupon below— with no money—brings the book to you by return mail.

Send this coupon for the book that will save you months of planning and hundreds of dollars

Home Owners Service Institute, Inc.
35-37 West 39th Street, New York City

Send me Volume I, "The Books of a Thousand Homes," by parcel post collect. My check (or money order) for $3 is enclosed. When I receive the book I will return the postman $3 (plus a few cents postage) in full payment.

Name
Address

THE BUILDER'S SCRAP BOOK

(Continued from page 106)

Over this arbor-sheltered doorway a sun dial is set against the weatherboarding of the wall, tells the hours and decorates the entrance. The house of John T. Arms, Clark & Arms, architects

A delightful example of a Colonial interior from Richmond, Va. Note the alternating spindles in the staircase, the paneling and the landscape paper. The home of Mrs. Ramey Gobien

(Continued from page 106)
What sold me first of all and induced me to buy a Buick is the fact that it has such a wonderful motor. My first real test of the motor occurred a few weeks ago when I attended the Notre Dame football game at South Bend, Indiana. The car behaved beautifully. In fact, better than any of the higher priced cars I have owned and isn’t it true that after all is said and done, the motor makes the car.

Of course the four-wheel brakes add to the safety and I would not drive a car not so equipped, but at the same time I would not exchange motors with any other car, as I doubt if its flexibility, power and smoothness could be improved upon.

(Signed) Lester W. Rempe, Sacramento Blvd. & Carroll Ave. Chicago, Ill.

THE woman who loves the out-of-doors finds herself irresistibly attracted to this Buick six-cylinder Sport Roadster. Long, low, beautifully finished and nickel-trimmed—this sparkling model reflects her ideal of an appropriate companion for summer time sports and pleasures. She finds, too, that every luxurious detail that could add to car appearance or driving comfort is included as standard equipment. The 70 H. P. Buick Valve-in-Head engine is lubricated automatically, requiring little attention, and Buick four-wheel brakes assure greater driving safety.

WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

BUICK MOTOR COMPANY, FLINT, MICHIGAN
Division of General Motors Corporation
Pioneer Builders of Valve-in-Head Motor Cars
Branches in All Principal Cities—Dealers Everywhere

Canadian Factories: McLAUGHLIN-BUICK, Oshawa, Ont.
BENGAL-ORIENTAL RUGS

Where luxury and economy meet—where your artistic taste and the money you wish to spend do not clash—where your rugs become a harmonious, livable part of your home, blending with your other furnishings and imparting a subtle Oriental atmosphere.

There you will find Bengal-Oriental reproductions—the only rugs that can be used as a substitute for fine Orientals. Price for 9x12 size not exceeding $175 in any part of the United States. Small sizes, $18 upwards.

A consulting Decorative Service without charge

We will help you select the most harmonious rug for the room you are planning to furnish. Mail the coupon giving as full details as possible to size and type of room, color scheme [samples if possible] of hangings and upholstery, and tones of walls and woodwork. We will send you color plates of rugs best adapted and full information as to sizes and prices.

JAMES M. SHOEMAKER CO., Inc.
119 West 40th Street, New York

Isphahan Reproduction
This rug was Exhibited in the Metropolitan Museum of Art

All sizes woven in one piece of Imported Oriental wool

HOM TO FORM A GARDEN CLUB

MRS. FRANCIS KING

Note—These suggestions are taken from an article Mrs. Francis King contributed to House & Garden some years ago. Containing up of your copy warrants our repeating it. It contains the data necessary for founding and managing an effective Garden Club.

HERE is a simple outline for a Constitution, to serve as a working basis only.

Article 1. Name.
Article 2. Object: The advancement of gardening.

Article 3. Officers: The officers of this Club shall be a President, a Vice-President, a Secretary, and a Treasurer.

Article 4. Executive Committee: The affairs of this Club shall be managed by an Executive Committee consisting of the officers and two members, all to be elected annually.

Article 5. Membership: The membership shall be limited to active and associate. Associate members pay no dues. Qualifications for membership shall be an active interest in gardening.

Article 6. Committee on Elections: The Executive Committee shall be the Committee on Elections. Anyone may propose a candidate for admission. Election consisted of an unanimous vote by the Executive Committee.

Article 7. Meetings: How many and where held. Hours for summer and winter shall be Light refreshments shall or shall not be served at the discretion of the host.

Article 8. Dues.
Article 9. This would have to do with a person or committee whose business it is to arrange the exchanging of plants or cuttings between members.

For the very informal and absolutely democratic garden club which we have in my special dwelling place, although we are fifty, held in number two Vice-Presidents, and a Recording Secretary, who is also Treasurer, are all that we feel to be essential in the way of officers. Our dues are but twenty-five cents a year—our meetings are held about once a month from February (cataлогues fresh upon us!) to October. No club could be simpler than this in its methods. There is but one qualification for membership—an interest in gardening.

ACTIVITIES

The activities of the garden club in the small town may be many and varied, so a little practical advice as to meetings may not be out of place. The program meetings should vary in spring, summer, and autumn. The severest gardening happens to be in the town, we seize upon these dull winter months for to get away from the crush of garden wisdom as our right. But—not too many lectures, or individual plant speeches. But—not too many lectures, or individual plant speeches. One or twice a season experience meetings are well. Call the roll, asking each member beforehand to present three minutes in describing his est success or most depressing failure during the past season. The garden club atmosphere under this treat—means and grows.

Too many lectures, I may repeat, hurt rather than help. Too much intensive work is apt to grow dull. To strike the delicate balance is the needed thing. Above all to get many members active to work—this is the secret of success in any organization of any kind.

DISCUSSION

The very livelihood of any meeting is free and intelligent discussion, and this is always present in the garden club of our town. Moving the highest of the audience, force and expression which come to an eventual one. Lists of garden books can be had from anyone who has really read about gardening. Any discussion of theobotanical subject. Accumulate as rapidly as may be a few good books as well as other material that may be of use, and to set up in the garden. We have long since established a nucleus of a club library, never con- cerns gardening happen to be in the town, we seize upon these dull winter months for to get away from the crush of garden wisdom as our right. But—not too many lectures, or individual plant speeches. But—not too many lectures, or individual plant speeches. One or twice a season experience meetings are well. Call the roll, asking each member beforehand to present three minutes in describing his est success or most depressing failure during the past season. The garden club atmosphere under this treat—means and grows.

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The Angelus
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Compare the concert playing of Godowsky with the reproduction of his same rendition on the Angelus Reproducing Piano. There is not the slightest difference.

With the Hallet & Davis Angelus in your home—you can choose your favorite compositions and have each played by its greatest interpreter, be that master Godowsky, Hofmann, Bauer, Menth, Gabrilowitsch, Rubinstein, Zeisler, Mero, Leginska, Buhlig, or any of a host. To all appearance this marvelous reproducing instrument is merely a super-beautiful Hallet & Davis piano, famous since 1839. In it is concealed the Angelus—supreme in reproduction.

You may have a private recital at your dealer's studio. Let us send you his name and illustrated brochure of styles and catalog of master-made recordings.

Godowsky says of the Angelus: "The true-to-life reproduction of the artists' playings, made by the Angelus, are so in advance of anything I have ever heard that comparisons seem impossible to me."

Your possession of an Angelus on convenient terms can be readily arranged. The Angelus comes in the Hallet & Davis Piano at $1050 to $2875; in the Conway Piano, $750 to $1675. Your piano or player piano can be taken on exchange.

Hallet & Davis Piano Company, Boston, Mass.—Division of Conway Musical Industries
Not just lights—but illumination—at Lightolier

Illumination is not wholly a matter of the number of fixtures or lamps that your room may contain. Rather is it the exacting selection of the few but precise fixtures and lamps that will properly illuminate and really decorate adequately.

So to Lightolier, with its long years of manufacturing, designing, and importing of every known form of illumination, has come this greater knowledge by specialization.

For here, in the vast old-fashioned roominess of Lightolier Galleries, unjostled by crowds, you will form a new idea of how attractive and inexpensive decorative illumination may be.

Here, in terms of actual performance, you will get the full appreciation that beautiful fixtures and lamps are not costly, and that the highly prized quality of decorative illumination is an inherent part of your purchase.

Lightolier's manufacturing and designing departments keep pace with ever-changing styles. Consequently, you will find each accepted innovation in illumination first presented by Lightolier.

Many helpful suggestions for the correct decorative illumination of your home are contained in a free portfolio of lighted interiors. A postcard, addressed to Department H, will bring you your copy or the name of your nearest dealer.
IN practically all of America's historic homes dating from the Colonial period you will find wallpaper. Sometimes the original papers are still intact upon the walls. In other cases modern reproductions of the old Colonial wallpapers have been used to preserve an authentic atmosphere.

A sound instinct among architects and interior decorators has established Colonial design as the artistic basis of many of the most beautiful modern American homes. Wallpaper is naturally an outstanding feature in the appropriate decoration of such homes.

There is this decided advantage today in selecting wallpaper for your home. You will find a wealth of exquisite designs in every conceivable texture and coloring. At a very moderate cost you may clothe your walls in beauty and add that distinctive note of personality which is the making of a really liveable home.

* * *

Send for interesting booklet, Wallpaper, containing helpful decorating suggestions for every room in the house. Sent postpaid to any address for ten cents in stamps or coin.

Any store that displays this sign is an Associate of the Wallpaper Guild. There you will find good wallpapers, competent workmanship and fair prices.

WALLPAPER

MANUFACTURERS ASSOCIATION of the United States, 461 EIGHTH AVENUE, NEW YORK CITY
UNITE dignity with individual charm and comfort has long been the desire and aim of American women in the furnishing and decoration of their homes. In planning bed chambers, it has often been hard for them to secure furniture, all of whose lines and proportions were in accord with a cherished scheme. At times, it has even been necessary to adapt the room to a suite which the market offered. This check on originality has been eliminated by the wide range of engaging styles and colors in which Simmons beds are now supplied. There are designs expressing the modern flair for simplicity and others reflecting the finest achievements of the great French and English masters. Whatever your vision of that bedroom may be, you will find a Simmons bed to complete it.

Simmons mattresses and springs, also, to insure you luxurious comfort for the vital third of life that you spend in bed. In many types, at leading dealers everywhere—all at the lowest prices they can be built of safe, new materials. The Purple Label is the finest, most restful mattress made. Avoid substitutes. Look for the Simmons label—your health and sleep insurance—before you buy.

The rich, soft rose of curtains and bed covers floods this interesting chamber with cheerful color. Materials may be linen taffeta, Burma or Aigre cloth, plain linen or gingham. The finances of covers and roll bolsters are of silk taffeta. The wall may be either stenciled or papered in two tones of warm cafe au lait. Note the high draping of the curtains at the French windows. Rug is plum or heliotrope chenille or wilton, French prints. Queen Anne mirror, Brass candlesticks and lamp. Beds, chiffonette and table from a complete new suite of Simmons furniture, in pearl gray, blue and darker gray. Supplied also in ivory and finishes reproducing walnut and mahogany. Bed is Design 1829. For nine other interesting schemes of decoration, write for "Restful Bedrooms" to The Simmons Company, 1347 South Michigan Ave., Chicago, or to Simmons Limited, 400 St. Ambroise Street, Montreal, Quebec.

SIMMONS
Beds · Mattresses · Springs · Built for Sleep and BEDROOM FURNITURE
The PEACE AND JOY THAT COMES WITH MUSIC

The DUO-ART Reproducing Piano

THE calming cadences of exquisitely wrought music — the tone poetry of such as Gabrilowitsch — Bauer — Cortot — at the end of the day's rush.

Music that thrills with the very majesty of its brilliance and power. Master works performed by such as Paderewski, Hofmann and Friedman.

Music's tenderest moment — perhaps — the familiar melodies and ballads of long ago, recalled for us by the genius whose every touch is gold.

And dancing music to quicken our pulse — to tell us of youth and romance and fun.

A home beautified and blest by the wonderful charm of Music is the home that possesses a Duo-Art Piano.

STEINWAY, STECK, WHEELOCK, STROUD, AEOLIAN and famous WEBER DUO-ART PIANOS

Uprights (foot-impelled) from $695
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NEW YORK LONDON PARIS
MADRID SYDNEY MELBOURNE

"Our living-room is made doubly enticing by the presence of the Duo-Art Piano."
Keeping the spirit of Colonial Days

IN THIS pleasant interior, Sargent Hardware of solid, time-resisting brass expresses the very spirit of things Colonial. The horizontal arrangement of knob and key-plate is a quaint and distinctive touch—similar to the lock sets in Independence Hall.

Fine designs in Sargent Hardware are always ready to agree with fine designing in architecture. There are appropriate Sargent knobs, door handles and escutcheons for every style of building.

For uninterrupted, lasting service and security, use Sargent Locks and Hardware, including hinges and fasteners, on all doors and windows in your home. Write for the Colonial Book or the Book of Designs for patterns of other periods. Select Sargent Hardware with your architect.

HOW TO FORM A GARDEN CLUB

(Continued from page 110)

SARGENT & COMPANY, Hardware Manufacturers
31 Water Street, New Haven, Conn.

SARGENT DOOR CLOSERS

In the well-planned home special attention is given to doors which should always be closed. The down-stairs lavatory, back stairs, refrigerator storeroom and cellar doors are being equipped with the small, inexpensive, but mighty capable Sargent Door Closer 520. It closes these, as well as screen and storm doors, silently and surely, and keeps them shut.

Flower Show

An annual Gladiolus Show on very simple lines is arranged for August. This, by the way, I believe to be the simplest, most effective and most beautiful of all flower shows possible, and perhaps the best with which to start. Given a broad, non-winning floor, a few boards and barrels, some dark green cabbages, five or six dozen of glass fruit jars, and the thing is done. The gilded ribbons for prizes can readily be made at home. And when one or two speakers are added, too, at the time of the delivery array, to hold forth briefly on the matter of classification, naming, and the best uses of the flower of the day, the little show is sure to become a hearty and ever-popular event to many people.

We have found it best to begin with the gladiolus in entering upon a course of flower shows, but the tulip would be a comparatively simple flower to use in this way, as would the sweet pea, as dahlias would be somewhat more difficult, owing to their rather involved classification. The Dahlia, however, affords a magnificent subject for garden club exhibiting. I would suggest for the very glory of it, though I do not know whether or not this has ever been done, a show composed exclusively of Rambler Roses and Delphiniums. Garlands, in the form of delicate pink rose blossoms, ranging from those faintly tinged with color to such rich hues as are in Eskima, arranged so they seem to start from pots of such dwarf rambler roses as Ellen Poulson, and at intervals in the background, sheaves of blue to blue Delphiniums.

Shows of annuals only should be inter-dispersed with, and even some time may come when we shall have little shows of the inner Geraniums and dwarf Carnations that these beautiful, and even more charming flowers may again find place in our good gardening schemes. At autumn shows comprising both flowers and vegetables is often tried and found successful. I shall never forget the beauty and originality of effect of a rich basket at a recent garden club show of this type. The occupants of this basket were a prettiest selection of the purplish-black corn, delicate green heads of lettuce, eggplant and the purple-blue flower of an achillea. One could not fancy a more decorative color effect than this. A Rose show, too, suggests itself as a matter of endless fun, and amusing it would be to try the experiment of a show to be composed entirely of blue flowers—the varying ideas of that hue would be everywhere in evidence and what opportunities for enlightening comparisons?

That the garden club shall keep abreast of the general march of gardening knowledge a membership on the part of some officer or member is advisable in all the societies in this country which make a study of special plants, such as the Rose society as Peony Society, the American Rose Society, and so on. Also memberships in the Horticultural Society as highly desirable, as in this way the help of the many is brought to the few.

THE SOCIAL SPIRIT

Now as to the social side of the small garden club. In no other department of social life can such independence of spirit be shown as here. This is due in part to the fact that members and their guests are absorbed by the fascination of study and classification in one or another of its forms; it matters not to them what they shall eat, what they shall drink—I would suggest for the social spirit a well-planned dinner party, the treat at the garden club. For clubs in a smaller community the question of the collation is often a matter of concern. Let the articles limit this as they do in the suggested constitution; but, more than this, let the individual hostess occasionally omit the pleasant cup of tea. Do not be bound by a tiring custom which fades into the background where so important a matter as garden talk is and should be uppermost.

The time is here when the beginning garden club can map out its plans with no difficulty and may start on its career with high hopes of success. The common knowledge that the very character of the gardening interest makes people more or less related to the garden club form of organized work. There is something in this charming practical procedure which helps to make us a near friendship with each other. It must be that the very elements of wind, sun, so freely sent us and without which we could do nothing, have their healing influence upon the spirit, and make our generous and self-forgetting in gardening.
THE VOGUE OF ROLLS-ROYCE

NOT by any means in the sense of “temporary,” but in its more liberal connotation of “preference,” you hear of The Vogue of Rolls-Royce . . . an unmistakable designation of the high place accorded this unusual car in the minds of those who know. Rolls-Royce is built slowly, and with infinite pains. It is delivered to you ready for the road—and eager!

ROLLS-ROYCE


No Rolls-Royce has ever worn out

Eleven exclusive Rolls-Royce designs in open and closed coach work. The “Pall-Mall” phaeton, $20,900.
The quickest and easiest way to have beautiful floors

When you apply Old English Wax, you get the most beautiful and best protected floors you can have. It's like a lustrous armor for any floor. No heel-marks! No scratches! Easy to apply, easy to care for, dust-resistant!

Think of a wax that costs but a third of other finishes! That's Old English Wax. And Old English Wax goes farther and lasts longer. And as time goes on, an occasional touching up on the walk-spots is all that's necessary.

How to save work

Use Old English Wax with the Old English Waxer-Polisher and these results are the easiest in the world to have. The Old English Waxer-Polisher takes the "kneel" and bend out of waxing. It glides over the floors as easily as a carpet-sweeper. In a few minutes you're through—and there's a glowing floor to look down upon, take pride in, and live with.

Do not confuse the Old English Waxer-Polisher with any other device. It both waxes and polishes. It can't be equalled. It's low in cost. It's easy to use. Its hundreds of thousands of users will never go back to any other method. But whether you use this proved Waxer-Polisher or a soft cloth, as many still do, Old English Wax is the wax to buy.

At paint, hardware, drug, furnishing and department stores.

FREE TO YOU

You will receive a can of Old English Wax free if you buy an Old English Waxer-Polisher now. This new labor-saving device does two things—it waxes, then polishes the floor. It's a great improvement over any weighted brush, which does not apply the wax, but merely polishes. Lasts a lifetime. Take advantage of our short-time offer. If your dealer can't supply you, mail the coupon below.

Send for this Valuable Book—Free
It is full of house-beauty secrets and authoritative information on how to beautify and care for floors, linoleum, woodwork, furniture, etc.—all, in fact, that we have learned in twenty-eight years, condensed into easy reading. A valuable reference book. Mail the coupon.

This tieback has an oval center covered in figured material and a pleated and painted ruche of plain glazed chints or taffeta. The Chintz Shop

TIE-BACKS FOR SUMMER CURTAINS

A charming tie-back for organdie curtains is this rose shaped made of layers of organdie bound with shaded ribbon

A decorative fan shaped pleated tieback. The three above are from the Chintz Shop

Send for this Valuable Book—Free
Send me your free book, "Beautiful Floors, Woodwork and Furniture." Their Finish and Care.

Send me wax free book.

Send me wax free book.

Send me, all charges paid, an Old English Waxer-Polisher with a can of Old English Wax Free at the special time-limited price of $3.50 (Denver and West: $4.00), Canada: $4.50, Winnipeg and West: $3.00, which I enclose.

The center portion of this tie-back is covered in the material of the curtains. The pleated frill is plain glazed chintz with a contrasting border.

Taffeta or plain glazed chintz in three colors, each frill pleated, makes a smart tie-back particularly for curtains of figured chintz or linen.
BEAUTIFUL WAMSUTTA PERCALE SHEETS AND PILLOW-CASES

These fine pillow-cases are made of exquisite Wamsutta Percale, single hemstitched, size 45 x 38¼.

A Special Offer

For $2.00 we will send you a pair of these beautiful Wamsutta Percale hemstitched pillow-cases (or one pillow-case for $1.00). This offer must be limited; so write today.

This offer is purely introductory and is made to give you the opportunity of really finding out how truly exquisite is the quality of these famous sheets and pillow-cases.

For nothing can so convince you of their beauty and texture as their actual use in your own home; and as you launder them, you will be amazed at the increasing softness and loveliness of Wamsutta Percale. Its extraordinary wearing qualities make it a real economy.

You will like Wamsutta Percale Sheets and Pillow-Cases better than expensive linen.

They cost very much less than linen and only a little more than ordinary cotton.

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Sheets and Pillow Cases
The Finest of Cottons

WAMSUTTA MILLS ALSO MAKE WAMSUTTA NAINSOOK, LUSTERSHEER AND WAMSUTTA UNDERWEAR CLOTH

Write Us Today

The introductory offer above is limited to two weeks, and only one pair of pillow-cases will be available to each person. You can buy Wamsutta Percale Sheets and Pillow-Cases at all good department and linen stores—in all sizes; plain hemmed, hemstitched, or scalloped.

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To WAMSUTTA MILLS, New Bedford, Mass.
Please send, postage prepaid, the special introductory offer of Wamsutta Percale Pillow-Cases. Enclosed is check or money order for

[ ] $2 for a pair
[ ] $1 for one

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Street

City

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This offer closes May 15th

H. C.
Bubbles of crystal beauty captured; myriad changing lights; mystery of soft shifting colors—all part of your pleasure and pride in Fostoria Glassware. There is quality beyond question in every piece. . . . In the slender stemware, crystal clear, hand-blown, deeply etched with exquisite care; in the subtle glory of iridescent glass; in the rich loveliness of gold-encrusted colored glass, or in the simple splendor of colored glass undecorated. . . . Candlesticks, console sets, sandwich trays, salad plates, candy jars, compotes, bonbon dishes, berry sets—mentioning a few of the many beautiful things that will delight you, and from which you may make a happy choice for wedding gifts this season. You will find patterns in fascinating variety. Remember to ask for Fostoria Glassware by name. You can buy none better. The Fostoria Glass Company, Moundsville, W. Va.
SCENE: She has attended luncheons more elaborate,—none more charming. She has seen tablesettings more sumptuous,—none in better taste. But all her other friends have sterling, too, fine linens and china. What is the secret of this lovely effect? She picks up a teaspoon,—toss with it. How unusual a teaspoon! So suggestive of the hostess's own style! Suddenly it dawns on her. This table has been planned as a picture. The picture is mostly sterling. The sterling has been chosen to express the hostess.

Again and again, the quest for table-effects ends in this discovery: Silverware is the keynote. If one is the pretty, feminine type, one should choose the daintily feminine in silver,—and be careful to have it sterling.

Of all designs, most truly feminine is the curved-line design. Ruskin calls the curved line the purest form of beauty. Among curved-line designs, quite the finest example is the Georgian Maid, in International Sterling. Daintiness itself is its outline. Delicate is its decoration, and so restrained that it serves to emphasize the grace of the curves. While the whole is wrought with that fineness which is possible only in solid silver.

Thus Georgian Maid attains a general effect of sheer feminine loveliness, which is exactly the style in which the daintily feminine type hostess is at her best.

Georgian Maid has been developed in a complete, correct table service. A book showing all the possibilities on request. Your jeweler can arrange for you to see actual pieces.

Address Dept. 1-84, International Silver Company, Meriden, Conn.

INTERNATIONAL STERLING WROUGHT FROM SOLID SILVER

INTERNATIONAL SILVER CO.
MAY SALE of WALPOLE LINENS
Now Proceeding GREAT PRICE REDUCTIONS

No. 1001—Satin Band Design. Pure Linen Double Damask Table Cloths and Napkins, Square or Round Designs.
Cloths Sale Price
2 by 2 yds. $13.50 ea.
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No. 30 (as illustrated)—Fine Quality Percale Sheets and Pillow Cases, hem-stitched and sculpted. Set comprises two 72x104 in. Sheets and two 45x36 in. Pillow Cases, complete with band embroidered Monograms, boxed and laundered. Sale Price, $17.50 set. Or with 90x104 in. Sheets Sale Price, $20.00 set.

BLUE LEAF GRAPE, Vitis Bicolor, is one of the handsomest American grapes. Its foliage shows dark green above and bluish beneath.

HARDY CLIMBERS FOR THE GARDEN
(Continued from page 71)
races two and two and one-half feet long are cultivated in Japan and also a purple-flowered form with racemes which I myself have measured sixty-four and one half inches long! These plants are always grown by the side of ponds and streams and the stems trained to form an arbor, and it is unlimited water supply during the time of flowering that accounts for the phenomenally long racemes.

Japanese Wistaria is harder than its more widely known Chinese relative and therefore deserves to be more generally cultivated in the north. The flowers are slightly smaller and open rather later but are fragrant and equally beautiful. The white, purple, and pinkish forms are perfectly hardy.

Quite recently a third Oriental species (P. venosa) has been recognised. This has short, broad racemes of pure white flowers larger than those of other species and tufted with persistent soft hairs. This is the best of all for forcing and growing in tubs but for the trellis or pergola is not so useful since its flower-buds are apt to get winter killed.

A root-climber that should be in every garden is the Climbing Hydrangea (H. petiolaris) which bears at the ends of short lateral branches flat clusters eight to ten inches across of white flowers. It is perfectly hardy and does well on walls with a north or west exposure, on buildings and on trees. The leaves are of good size, deep green in color and the plant is not subject to insects or disease. This climber is abundant throughout the moist forests of Japan, where I have seen trees from seventy to eighty feet tall laden with masses of flowers of this Hydrangea.

A smaller Japanese climber and even more beautiful than the preceding but, unfortunately, less easy to establish, is Schizophragma hydrangeoides. It is very like the Climbing Hydrangea in foliage and habit but the indorsement on the outside has pure white or cream-bracts instead of four-partite sterile flowers. This plant is difficult to procure though the name appears in most catalogs and nursery stock but the plant supplied is almost invariably the Climbing Hydrangea.

A comparatively new, hardy, and very beautiful plant native of Japan and Korea is Pirifiorrigum Rotali, with brown, spotted stems, bright green leaves and large clusters of small white flowers which are followed by curious, winged fruits. Two lovely twining plants last winning favor under the popular name of Fleece Vines are Polygonum baldschuanicum and P. Aubertii. They grow from 8 to 12 ft. tall and produce masses of white flowers! These vines are a fine for the arbor of any size, and make a fine effect in the rock garden. Another smaller variety is P. Leptostachyum, the Japanese Coral Vine, which bears white flowers in June and July. It is a most effective plant for the small garden and is perfectly hardy.

But these are in size and beauty of flowers produced in August. In early September the Japanese C. vaseyi is a billycan mass of small white flowers and with its well-known follow countrymen, C. sempervirens and C. sempervirens var. Wilsonii with large fascicles of flowers are also desirable plants. In June blossoms the Chinese C. tangutica with its pale green leaves and lovely yellow, top-shaped flowers and the scarlet-flowered C. cockceica from Texas. Another hardy species is C. glauca and its variety sobolideus from northern China with bronzy yellow, obconical flowers produced in August. In early September the Japanese C. japonica is a billycan mass of small white flowers and with its well-known follow countrymen, C. sempervirens and C. sempervirens var. Wilsonii with large fascicles of flowers are also desirable plants.

The native Trumpet- vine (Campsis radicans, better known as Tecoma radicans) is a common and much appreciated climber, more especially the variety procera and the hybrid C. hybrida. But these are in size and beauty of flower surpassed by their Chinese relative C. chinensis which unfortunately is much less hardy. In the Chinese plant the

(Continued on page 122)
Like its XIV Century prototype, its walls in gesso embellished with beautiful frescoes, each detail of this room's decoration and appointments is reminiscent of one of the most brilliant periods in Florentine history.

The Age-old Art of Interior Decoration

A fine interior, such as the Sleeping Room pictured above, is truly a work of art—its conception demands the trained judgment of the connoisseur. Its creation, however, requires every facility for acquiring or producing the furniture and decorative accessories without which so distinguished a background would be devoid of interest.

Whether your predilection is for an interior endowed with the historic charm of a mediaeval palazzo, or you prefer the atmosphere of liveliness and quiet elegance associated with the houses of XVIII Century France and England—this establishment may be depended upon to carry out each detail of decoration and furnishing to a successful conclusion.

No finer furniture has been produced in this or any other age than the beautifully wrought cabinetry on view in these Galleries, where you are not only welcome to the suggestions of experienced decorators but are free to stroll about and derive as much inspiration as your leisure permits.

New York Galleries
INCORPORATED
417-421 MADISON AVENUE
Forty-eighth and Forty-ninth Streets

Furniture :: Reproductions :: Decoration
HARDY CLIMBERS FOR THE GARDEN

Continued from page 120

flowers are orange-scarlet and the shade is more pleasing than that of the American kinds. Closely related to these is the Chinese Turk's Cap (Bignonia capreolata), abundant in the southeastern States, and has large trumpet-shaped flowers, orange-yellow within the tube, dark scarlet without. Among the American species of Honeysuckle there are several good hardy climbers but the best is Lonicera Heckrotti, a hybrid of unknown origin. From the middle of June until the early frosts appear this plant is in blossom. The clustered flowers are deep rose-color without and pale yellow within and though fragrant only in the evening they are very beautiful. Very vigorous growers are L. flava and L. glaucescens, with yellow flowers, L. sempervirens with scarlet flowers and the hybrid L. Brownii and its form fuchsiaeae with wine-colored flowers. Of the European Honeysuckles or Woodhoises, (P. Persicifolium and L. Caprifolium) there are several varieties one of which (var. belgica, known as the Dutch Honeysuckle) is continuous blooming. A new Oriental species of surpassing merit is L. iragae-pedia with large heads of three-inch long rich, golden yellow flowers. Many climbing honeysuckles are subject to attacks of black aphids and they can only be kept in good condition by careful spraying with an antidote early in the season as the leaves unfold.

There are several vines of great value for their attractive fruits and among them the native Waxwork, (Calocarpum scandens) and its relative C. articulata from northeastern Asia are good trellis plants but they are seen to best advantage as a tangle on and over large rocks. In the autumn, when laden with yellow fruit which opens and exposes the seeds with their brilliant orange-scarlet coverings, there are few plants of equal beauty. If branches be cut just as the fruit commences to open and placed in vases without water the ornamental value is retained throughout the winter.

In foliage the most delicate and attractive and in fruit among the most beautiful of all climbers is Ampelopsis coctilis and its variety palmiloba. The leaves are finely dissected and the fruit, which is freely produced, changes as it ripens from white to pale purple and clear turquoise blue.

Two excellent vines which retain the dark green leaves later into the fall than any other are Abelia chinensis and A. Anamba. These are hardy stem-climbers and with good foliage, rather inconspicuous flowers and ornamental, fleshy fruit containing an edible pulp.

One of the most vigorous, hardy, and popular of all stem-climbers is Actinidia arguta, which has glossy green leaves and red stalks and small, saucer-shaped flowers with numerous stamens at black anthers. There are two forms this and all other species of Actinidia one with purely male flowers and another with perfect flowers. Two other Japanese species of Actinidia (A. kolomikta and A. polygama) are in cultivation and in the following year the number of the foliage leaves are white passing to pink and increase its attractiveness of these plants. Unfortunately they have a strong aroma, though fragrant only in the evening they are not nearly so far north as Boston, Mass. It is a vigorous grower with large leaves varying in shape from nearly round to ovate and pointed, and large white changing to buff color, deliciously fragrant flowers. The shoots and leaves when young are covered with coarse hairs which add much to the appearance of the plant. The fruit is rounded to oval, one and one half to two inches long, rose-colored and more or less hairy. The skin is very thin and the flesh green, sweet, and pleasant to the palate, and is excellent for dessert or for making preserves. In the south and west there is a future for this Actinidia not only as an ornamental but also as a fruit-bearer. Climber. Although of European origin it was covered in 1856, it was not introduced until 1890, when it first sent seeds to England.

Of climbing plants with handsome leaves no class exceeds in vigor, beauty the Grapevines (Vitis). Many beautiful species are native of this country, but the noblest of all is V. Coignetii.
Enough Lehigh Cement to build a six-room house, every minute of the working day! This is Lehigh's response to the country's call for better roads, better buildings, better living conditions for everybody.

Lehigh is the largest manufacturer of cement in the world—more than 16,000,000 barrels in 1923!

Lehigh has sixteen mills stretching from coast to coast, with advantageous railroad and shipping facilities for speedy distribution, and Lehigh dealers are located in almost all sections of the country ready to give prompt and efficient service to all cement users.

This complete organization is ready to meet the 1924 demand for LEHIGH—THE NATIONAL CEMENT.

Look for the dealer with the blue-and-white Lehigh sign

LEHIGH PORTLAND CEMENT COMPANY

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KANSAS CITY, MO. PITTSBURGH, PA.
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LEHIGH—THE NATIONAL CEMENT
A new note in dining-room fixtures

Handel has designed a new type of electric-lighting dining-room fixtures that harmonize artistically with the gleam of silverware and spotless napery.

The pendant illustrated will add charm to any dining-room. Cast in enduring metal, this pendant is fitted with three graceful candle lights and finished in Polychrome silver with decorative turquois prisms. The distinctive beauty of this pendant is completed by the new Fabrikon shades—eighteen inches in diameter with oil-painted decorations and finished with an iridescent sheen.

Side-wall sconces are made in similar design in Polychrome silver. Made with single and double candle lights, each decorated with tear-drop prisms. When fitted with either the Fabrikon shields or Fabrikon shades, these side-wall sconces add to the beauty of any dining-room. For the two-light sconces a choice is offered in the style of shades—Fabrikon shield that fits across both lights, a Fabrikon that fits one side and Fabrikon with red hot shields or Fabrikon shades, these individual shields or individual shades.

Look for them at your favorite shop, or write us for the name of nearest dealer. The name Handel is on every Handel lamp and fixture—look for it.

THE HANDEL COMPANY, Meriden, Conn.
Fashion follows many fancies. But true beauty of fine line and quality last forever.

New decorative modes show a distinct tendency toward the Colonial—chaste in spirit—yet with much more richness and ornamentation.

This exquisitely designed silver service, Gorham’s latest creation, is Colonial in its beautiful simplicity of shape, but very new in its delightful hand chasing—an effect which is at once dainty and sturdy.

Practical, too, for its dignified elegance renders it useful on many kinds of occasions, formal or informal.

For ninety years America’s Leading Silversmiths, Gorham produces the finest silver at prices that are no higher than you pay for ordinary ware.

Your jeweler will show you Colfax and other Gorham productions.

GORHAM

NEW YORK PROVIDENCE

Gorham Silver Polish makes the care of silver easy
Accept this booklet with our compliments

"Bon Voyage" is part of our regular service to over half a million users of Hartmann Wardrobe Trunks. It contains valuable suggestions on clothes selection and arrangement.

It will, we believe, give even the most experienced travelers suggestions which will add to their enjoyment of the extended journey or short business and pleasure trips. To know and to take advantage of these suggestions will insure a more care-free journey.

This booklet is well illustrated, showing just what to do and exactly how to do it. Ask any Hartmann dealer for a copy of "Bon Voyage"—or fill out and send us the request below.


Request for "BON VOYAGE"

HARTMANN TRUNK COMPANY, Racine, Wisconsin. Gentlemen: Without obligation, please send me a copy of your booklet, "Bon Voyage."

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BE SURE THE HARTMANN RED IS ON THE TRUNK YOU BUY

AZALEAS AND RHODODENDRONS

Fred F. Rockwell

One class of plants which we could spare least of all from our gardens would be broad-leaved evergreen azaleas and rhododendrons. And it should be good news to American garden lovers that efforts are being made to propagate them here. This is only natural, because there are many sections of this country to which rhododendrons and azaleas are indigenous and where the natural conditions for their growth are ideal.

There is surely an important field for both rhododendrons and azaleas in American landscape gardening. I use the term "landscape gardening" for want of a better phrase. Perhaps "home planting" through that sounds somewhat humble and homely compared to the other, would come nearer to expressing the meaning intended. Time was, and not so very long ago, when rhododendrons and azaleas, and a good many of our most beautiful decorative plants, were used almost entirely on country places or estates where the service of a professional landscape architect and an imported gardener were available. All this has changed. The big estates we still have with us, but they are now a very minor instead of a major factor in the use of the better grades of landscape material. There are now a thousand persons interested in the use of rhododendrons and azaleas and the better decorative evergreens, where there were ten interested a few years ago.

In this era of planting in America, this crystallization of the sentiment that "It's not a home till it's planted", rhododendrons and azaleas fill a place all their own. There is hardly a suburban home in the country with any "grounds", which cannot use at least a few of them to advantage. Not only do they lend a touch of color in landscape work which nothing else can impart, but also, particularly in the case of the rhododendrons, their foliage furnishes a decorative feature in itself and supplies a background for other flowering plants.

Along with the scarcity of rhododendrons and azaleas resulting from the quarantine placed upon them, there has been another factor which has kept them from universal use. This is the fact that they require an acid soil to grow in. Although this is generally known, either carelessness on the part of the planter or the difficulty of obtaining leaf mold from hard trees, or other material to make the soil acid has frequently resulted in unsatisfactory growth after the plants were set out.

The lack of an acid soil, however, is no longer a serious handicap to the general use of rhododendrons and azaleas by the amateur. As a result of many years of careful research and experimenting with the requirements of acid-tolerant, or rather acid-demanding plants, Dr. Coville of the Department of Agriculture at Washington, D.C., has developed a practical method of providing the proper soil conditions so far as acidity is (Continued on page 230)
Riddle
DECORATIVE LIGHTING FITMENTS

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Riddle Fitments have not only become widely accepted as the standard of good taste in lighting for homes and apartments, but they also represent a very definite standard of value. But if you are to benefit by the value offered, it is important to get genuine Riddle Fitments. Look for the Riddle tag on each fitment, and for the name stamped on every piece.

The 1924 Riddle styles in the Esperanto Decoration are now being shown by Authorized Dealers, who will be found competent to aid you in making a satisfactory selection for any room or for an entire installation for a new home, or to replace old-style lighting fixtures. The moderate price range, from $4 to $25, permits a satisfactory choice within reasonable limits.

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GLEAMING linen, dimpled shoulders, jewels sparkling in soft flames of candles, half hidden flowers, solid silver—these graces are high lights of beauty that relieve the dull dailiness of life. To finer natures they are the telling points in the drama—or comedy, maybe—of living with one's self, one's family, one's friends. Without them our play is Hamlet without even the ghost.

Designs in Treasure Solid Silver—as in the William and Mary Pattern pictured on this page—are made for life's high occasions, not merely for your own days, but for length of days through generations. Practical in that they are genuine; irreproachable in that they are works of art. At leading jewelers.

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“Treasure” Solid Silver
Sterling 925/1000 Fine
in the William and Mary Style
LOVELY—but will the guests stay?

The architect and the decorator have done their best. The room is "correct," "in good taste." It has "charm."

But all these virtues are not enough. To have an atmosphere of welcome, a subtle something else is necessary.

That subtle something is supplied by an unobtrusive servant in the cellar. His name is "IDEAL" and the warmth which he sends through American Radiators makes a mere room a human place in which to laugh and linger.

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AMERICAN RADIATOR COMPANY
Your Heating Contractor is our Distributor

Dept. 102 1005 Elmwood Ave., Buffalo, N.Y. Branches in all principal cities
The Boudoir of Mrs. Sidney J. Colford, Jr. (formerly Mrs. Reginald Vanderbilt) showing curtains of Quaker Oxford Cross Net in the sunshine color.

"LET THERE BE SUNSHINE!"
SAYS FASHION

The gloomy, even the ultra-formal house is "out."
The cheerful, informal house is "in."

Nowhere is this more marked than in the decoration of the windows.

Overdrapes are pushed back till now they are mere strips framing the sides of the window.

The old standard window shade in many places gives way to silk gauze hung with draw-strings so as to let in light from the very top of the window.

The windows are curtained with the most open of net (or lace) curtains to properly break up and distribute the light and to veil the window.

Net or lace is chosen because it is the most open of materials—to open that someone has half humorously—but wholly accurately—described it as a collection of holes held in place by strong threads.

Now fashion demands that this cheery window treatment be carried a step further. "Add a touch of sunshine," says fashion, "and your window is perfect."

The decorators first attempted to get this sunshine effect by using a net curtain dipped in golden dye.

This gave a fairly satisfactory result in the room but was too splashy in color when seen from outside the house.

To weave color into a net or lace so that a haze of color results, rather than a splash, is the Quaker art.

There are several new Quaker Craft Lace Curtailings that meet fashion's decree, the most favored being Oxford Cross Net, in Sunshine color or a combination of Sunshine and old rose or blue; Sunshine Casement; and Colonial Filet Net in Sunshine or colonial blue—all both sunproof and tubproof.

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The architect and the decorator have done their best. The room is "correct," "in good taste." It has "charm."

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GOOD FURNITURE re-makes a room—it re-decorates, at moderate cost. A few carefully selected pieces freshen things up—a new room.

Simonds period reproductions and modern patterns are found where the utmost care is used to carry out design faithfully. Also in the smaller home, where just a few good pieces are wanted to obtain a nicer effect.

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Individualism in Good Furniture
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SYRACUSE
NEW YORK  CHICAGO
AZALEAS AND RHODODENDRONS

(Continued from page 126)

Concluded.

A Charming Group for Many Purposes

For the apartment dining room, for the breakfast room, or as a double purpose group for the informal living room, this bright happy little Hastings suite is charming in any setting.

The ever popular Windsor chairs have been given a new grace of line by Hastings designers. The draw top table pulls out double capacity to meet an extra touch of refreshing beauty. In large quantities it can be purchased at about $13 a ton.

The next thing in importance to preparing the soil is the mulching of the plants. The ordinary method of planting, which consists of setting the plants in a bed or an open border with the surface of the soil exposed to the hot sun, produces the wrong conditions. Early in the spring, the plants should be carefully given a thick mulch. Any of the following materials may be used: tan bark, pine needles, rough leaf mold, or commercial "humus" mixed with rough leaf mold.

If the two conditions mentioned above are provided, and if the plants are kept free from lace bug and Pestalozzia by removing the infested leaves, anyone can grow rhododendrons anywhere. The physical character of the soil has little effect one way or the other. I have seen plants grown in the peaty soil of Holland, transferred to heavy clay and to light sandy soils, and therein thrive equally as well as where they had been grown. It is in the fall, unless there have been abundant rains, the beds should be given a thorough soaking, to provide moisture through the winter for the evaporation which takes place through the leaves, and an additional mulch of leaves, or some other rough material, some six inches deep, may be provided for the winter.

There are, unfortunately, only a few serious diseases or insect pests to bother your rhododendrons and azaleas. In many sections they are not troubled at all. In some localities and in some spots, the rhododendron may develop in numbers sufficient to some extent to injure the foliage. This trouble is usually developed from the base or the lower part of the plant, and has the same symptoms as the rhododendron lace flies found in the upper surface of the leaves, and it is easy to treat by spraying with a 

HEATING SYSTEMS

DONALD M. FORFAR, M. E.

WHAT kind of a heating system shall I install? The number without that question has been asked by the home builder. Whether to have it be gas, electric, or hot water, it must be right, and to be right, it must produce results in the form of comfort.

The types of heating systems used in house work may be divided into three classes: warm air, hot water, and vapor (steam) systems. Now, which shall it be?

Does the construction used in the house itself have any particular bearing on the question? The entering air, the heat it loses in the house, and the size of the house has. Are there any cases where any one of the three systems mentioned will give equally satisfactory results? Yes, but factors are invariably present to cause a stronger bearing toward some one.

What, then, shall it be? Warm air? Hot Water? Steam?

THE WARM AIR FURNACE

The warm air furnace is not only one of the simplest, but also one of the oldest types for providing heat from a central point. Briefly, the operation is as follows: The air supply to the furnace is taken either from the outside (fresh outside air) or from the interior (circulated air) or a mixture of the two, as may be desired. In each case a duct is provided leading from the furnace to the point of supply. A screened opening in the basement foundation wall (sometimes a basement window opening is used) serves as the fresh air intake, while the recirculated air is taken from some point on the first floor through a large floor register or other convenient arrangement. The air, after entering the furnace, passes up through the fire tubes, which are a large factor in the fuel consumption and the contemporary update of the present-day hot water systems.

Waste in the earlier designs of warm air furnaces is held to a minimum by the use of a water pan arrangement is provided in connection with the furnace so that the hot, expanded air will pass over the water pan arrangement is provided in connection with the furnace so that the hot, expanded air will pass through a constant circulation as long as the furnace is in operation.

In conclusion, the air for the warm air furnace is not capable of holding a great amount of moisture, and if moisture is not added to it before it enters the rooms, the air will absorb moisture from various objects in the room, such as woodwork, people, etc. To overcome this trouble, a water pan arrangement is provided in connection with the furnace so that the hot, expanded air will pass over the water pan arrangement is provided in connection with the furnace so that the hot, expanded air will pass through a constant circulation as long as the furnace is in operation.
Vladimir de Pachmann loves the Baldwin piano. Through the medium of Baldwin tone, this most lyric of contemporary pianists discovers complete revealment of his musical dreams. For a generation de Pachmann has played the Baldwin; on the concert stage and in his home. That loveliness and purity of tone which appeals to de Pachmann and to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, in the Uprights. The history of the Baldwin is the history of an ideal.

"It cries when I feel like crying, it sings joyfully when I feel like singing. It responds—like a human being—to every mood. I love the Baldwin Piano."

V. de Pachmann,

Baldwin

You will probably find a Baldwin dealer in your city. If not, a request by mail to the nearest Baldwin showrooms, as listed below, will bring you complete information regarding models and prices.
HEATING SYSTEMS

(Continued from page 19)

installed, the warm air furnace system is the ideal system for the small house of, say, up to six or seven rooms. It is relatively cheaper in cost than the corresponding carefully designed and installed water or steam plants, is considerably quicker in action and lends itself much more readily to proper control of humidity and fresh air admission.

If you should decide to install a warm air furnace system in your small home, see to it that the following points are properly cared for:

1. Each room to be heated should receive separate consideration. Size of warm air furnace and all connections should be made large enough, so that the volume of air delivered will be adequate to keep the room warm under the most severe weather conditions.

2. Furnace stack must be ample to handle properly the total air volume required at periods of most severe weather conditions. As the ratings used by various furnace manufacturers are not always to be relied upon, the safest course is to place the business in the hands of some responsible contractor or furnace company and abide by their decision. Remember that adequate grate area and adequate heating surface are both equally essential.

3. The furnace should be equipped with an evaporator pan of large surface capacity and arranged with an automatic water feed valve located outside the furnace casing for easy inspection and piped up so that a constant level of water will be maintained in the pan at all times.

4. Location of furnace with respect to the various rooms to be heated should be as central as possible and the length of the duct runs from furnace to the outlet registers in rooms as short as possible.

5. The registers and register boxes designed to give full area connections to the warm air flues. Many times, particularly where wall registers are used, both the flue connection and the register box are restricted in area in an attempt to get everything within the limited space afforded by the standard 2 x 4 stud partition. The flues and registers for new designs are now extended to sizes from 4" to 6" out from base board at floor line in order to get the required area.

6. All sheet metal work from furnace casing itself, up to and including register boxes, should be made of bright galvanized or tin sheet metal and all joints to be soldered air-tight. Install a volume dampers and control handle in each separate flue.

7. Remember that you are dealing with gravity flow proposition. Cool air falls, warm air rises; therefore, make sure that all warm air flues, particularly those portions run at basement ceiling, have as much upward pitch as possible. Pit the furnace if necessary to accomplish this.

HOT WATER AND STEAM

In both the hot water and steam systems cast iron radiators are used to transmit the heat of the water or steam to the room. The hot water system is the one most commonly used in home work, both large and small. In the last few years, however, steam or so called vapor systems have gained considerable favor, particularly for the larger installations.

For home heating work, both hot water and steam systems are, in general, designed for gravity flow. In the hot water system the water on being heated expands, becomes lighter per unit volume, rises through the piping system to the radiator, where it loses its heat, and thence flows on down through the return piping to the boiler, where it is again warmed and the cycle repeated.

In the steam or vapor system the action is essentially the same, except that steam instead of water flows from the boiler up through the system, and then back down again. At the point at which it is condensed, the water of condensation flows back to the boiler.

In a steam water system the finding of radiation used depends upon the maximum temperature to which the water is to be heated during most severe weather periods. For home work it is desirable not to place this maximum temperature at more than 160° Fahr., installing sufficient radiation and boiler capacity to do the work at this maximum temperature. One of the most desirable features of a hot water heating system is the modernization of the system and the wide range possible in the water temperature, thereby enabling one to vary the amount of heat according to the weather requirements.

In the steam system the amount of radiation used is considerably less than in a water system, due to the higher temperature of the steam, exact amount of radiation is, in any case dependent upon the steam pressure to be carried. For home work, practically all steam systems are the so-called vapor systems.

Vapor heating systems may, in general, be classed as a steam system under such conditions that the water temperature brought just to the boiling point and held at that point. Under this condition, the steam vapor produced is at atmospheric pressure or, possibly, a few inches above. Water pattern radiation is always used so that the steam connections to the radiators may be made at the top, with automatic control and control valves being used for throttling down the steam pressure, rather than pressure regulators, etc., which look more and less mysterious to the average layman and particularly to the woman of the house. Either system is adaptable to use in homes, as well as large, and the cost will run approximately the same.

STEAM HEAT

The steam system is the quickest to heat, but also the quicker to cool, if the fire is allowed to get low, while in the case of the water system, conditions are just the reverse, that is, it takes longer to heat the water throughout the system, but the water body retains the heat and cools off slowly.

No matter which system of heating is used, the radiation amount, and size and design of piping system should be given the most careful consideration by someone competent and experienced in the line. We have all heard of those trouble cases where insufficient radiation was installed or too small a boiler used. Any incorrectly designed or installed piping system, however, is liable to give far more trouble and is much harder to correct.

Just one word here relative to boiler sizes. The small cast iron boilers (steam or hot water) used for house heating work are, for the most part, rated in terms of square feet of radiation with which they can be used. Experience has shown that, to be on the safe side, boilers with ratings equal to one-half to one square foot of radiation for each square foot of radiation to be installed in the house should be selected.

Note—This is the second article on the mechanics of the house contributed by Mr. Forfar. The first appeared in the January issue.
Inspiration was the earliest mission of the organ. Skillful builders gave it a sonorous majesty of tone befitting the dignity and reverence of great cathedrals. Others, following after, gave it a wider range. They added lighter and more delicate tones. They endowed it with the powers of great symphonic orchestras, made of it many instruments in one, able to render lilting melody or solemn recessional with equal grace and fluency. Because of these qualities the organ today is esteemed not only in the house of worship but wherever people gather for fellowship and the delights of music. In the home, the theatre, the concert hall, the club and the hotel, it holds a place unrivalled by any other instrument.

Confidence in the organ builder is the first step toward selecting a pipe organ for any purpose. Each Estey Pipe Organ is designed and built for its place and its use by a house which has been making organs for seventy-five years.

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Write for our free booklet, "The Style in Wardrobe Trunks—and how to pack." You will find it most useful in making your selection.


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**BELBER SAFE-LOCK WARDROBE TRUNK**

WORLD'S LARGEST MANUFACTURER OF FINE TRAVELING GOODS

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**WHAT TO KNOW ABOUT WOOD FLOORS**

(Continued from page 76)

One of the most important things to remember about any kind of flooring lumber is the necessity of keeping it dry and laying it dry in a dry house. Flooring lumber at the mill is air-dried and kiln-dried, accurately milled and stored in dry lofts or storehouses. It is shipped in closed cars and kept dry by the local dealer who receives it. When it arrives "on the job" and it should not arrive until the exact time it is needed to lay it should be kept dry. It should be the last thing installed in the new house, after the plastering is dry, because of the natural property of any and all wood to absorb moisture. If a floor is laid damp, or in damp premises, and dries out afterward, cracks are inevitable, and not to be blamed upon the wood, or upon the carpenter, unless the latter has been careless or unconscious enough to ignore the necessity of laying his floor dry.

In laying new floors over old ones, the important thing is to make the old floor as level as possible, nailing down all loose boards, and equalizing hollows with building paper of building felt. The new boards are then laid in the opposite direction to the old boards, and a half inch away from all the base-boards, this difference being covered with a quarter-inch nailed in place after the floor is laid. This 1/4-inch will allow for an expansion which may take place, and will prevent any consequent danger of the floor buckling.

As in every other detail of house building, the matter of floors is best dealt with by acquiring all the known facts about flooring using a fair amount of judgement, insisting upon good workmanship, but expecting nothing either in workmanship or material, for which you are not paying.

---

**A SHADY TERRACE GARDEN**

(Continued from page 90)

Among the plants suitable for a shady spot where the ground needs to be covered is Pachysandra terminalis, a trailer that makes a glossy mat the little pool and bird baths, the birds themselves, and all the varied charm of foliage and of flowers.

What life running water does give to a garden! Here is a pool at one end, surrounded with foliage and flowers that furnish the motive for the rest of the garden.

Around the pool, are low flowers that love to be tucked in between the rocks, as they love to be tucked into stone paths and steps: the rose mattrings of the Pachysandra, the grey and laveded hazes of the Nepeta, the springtime gold of yellow Alysium, the esoteric bloom and foliage of the soft yellow Primulas, the whiteness of Arabis that companions the early Iris. Then there is the Artemesia, called by some Southernwood or Old Man, which has no bloom to boast of but is altogether charming as an edging and ground cover because of its delightful foliage. Then there are Clove Pinks, for June bloom and fragrance, and Canadian Violets and Ixias that look well with their sword-like foliage even after they have bloomed. The mid-summer Funkias, too, have a place among the rocks and then form repeats in the borders, while the Artemesias, Nepetas, Pansies and Gypso- phila, some rose Petunias and small Veronicas form the low, colorful edging.

Among the rocks is the charming foliage of Bleeding Hearts, and here and there, like rare plants, a Sprite or a Lackspur. These taller plants are also used in the borders in the same way, just a few plants of a kind, their very roundness and variety help to give a sort of woody atmosphere. There are, for instance, the tall stems of the Physostegia, the lovely tall Meadow Rue, Peach-leaved Campanulas, a few Malows and the delicate Columbines—flowers and foliage that are all the more intriguing when you come upon them growing in this way under Oak trees in the naturalistic company of high shrubbery instead of in more formal surroundings.

Plants, like people, have a way of looking different in different surroundings and at different seasons of the year. Plants, like people, too, have their favorite habitats, and not all feel happy under the same conditions. When you are in this garden, however, there are so many plants and such delightful bloom as to make you feel it is altogether charming as an edging and ground cover because of its delightful foliage.

In laying new floors over old ones, the important thing is to make the old floor as level as possible, nailing down all loose boards, and equalizing hollows with building paper of building felt. The new boards are then laid in the opposite direction to the old boards, and a half inch away from all the base-boards, this difference being covered with a quarter-inch nailed in place after the floor is laid. This 1/4-inch will allow for an expansion which may take place, and will prevent any consequent danger of the floor buckling.

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You press the button; we do the rest

CINÉ-KODAK, the new Eastman invention, and its projector, the Kodascope, enable you to show in motion on your screen the sort of pictures you turn to first in your album. Train the camera, press the button and the result is a reel of personal motion pictures, obtained with characteristic Kodak ease, that for you and yours will be priceless.

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Price of complete outfit, Ciné-Kodak with either motor drive or tripod and crank, Kodascope, Screen, etc, $335. Cost of operating is less than 1/5 of the operating expense of equipment using standard width film, and your finishing by Eastman experts in Eastman laboratories is paid for when you buy the film. You press the button; we do the rest.

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The most convincing argument for the practicability of Hodgson Portable Houses is the enthusiastic approval of hundreds of users. From all parts of the world come letters praising Hodgson workmanship and durability.

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**HARTFORD-SAXONY** rugs are made to endure, and do endure a remarkable amount of the most severe wear.

The weight of their yarn and height of pile afford a softness and resilience to the tread not found in any other American-made floor covering.

The body has a special construction, with a soft cushion back which adds to the life of the rug, makes it lie flat on the floor without curling, and enables it to cling to the floor without slipping.

The soft, blending colors and the wide range of patterns in which **Hartford-Saxony** rugs are made, beautify and lend dignity to any home setting.

There are several grades of rugs sold as "Saxony," which we do not make. But there is only one "Hartford-Saxony" and it is made in only one quality — the very best a hundred years' experience have taught us how to make. To assure yourself of getting this particular fabric, it is essential that you ask for "Hartford-Saxony" by the full name, and look to see the name woven in the back.

"Hartford-Saxony" rugs are made in twenty-eight stock sizes, from 22½ in. x 36 in. to 11 ft. 3 in. by 24 ft., and are carried by most reputable dealers. A small size, 27 in. by 54 in., sells for $14.75; a standard room size, 9 ft. x 12 ft., for $130.00.

If you have any difficulty in procuring "Hartford-Saxony" rugs, our New York office will see that you are supplied. Visit any of our showrooms, if you can, and we gladly will show you the full line.

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The full name, "Hartford-Saxony," is woven in the back as an identification and a guarantee of quality. Only by using the full name can you be sure of obtaining genuine "Hartford-Saxony" rugs.

Upon request to our New York office, we gladly will send you, without charge, a sample of the "Hartford-Saxony" fabric, a set of color plates and a beautifully illustrated descriptive booklet.
A Murphy Finish Passes Through Decades Without Loss of Richness

No pleasure is deeper than that which comes from truly aristocratic surroundings.

Take a Murphy Finish, for example. Years after your woodwork has received its correct treatment of Murphy clear varnish you discover that the beauty of the wood has in subtle ways grown finer.

It is mellowed; it has gained dignity. But the glow, the life is as strong as ever.

A Murphy Finish is next to permanent—time rests so lightly on it—it "wears" so well. And this, of course, is the quality which makes a Murphy Finish genuinely economical.

The Murphy Varnish Company has for several generations made varnishes and enamels which satisfy exacting standards of taste and durability.

You should acquaint yourself with Murphy Muronic Enamels.

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

Successor to The Dougall Varnish Company, Limited

Murphy Varnish Company, Limited, Montreal, Canada

SAVE THE SURFACE AND YOU SAVE ALL
May, 1924

Preserve the beauty of your lawn

How often, after weeks of "nursing" and care, the beauty of a lawn is marred by the thoughtless short-cutter and the trampling feet of children!

Enclose your lawn with an attractive Anchor Post Chain Link Fence this spring. Preserve its beauty. Anchor Post Fences give years and years of service. Strong, durable, and heavily galvanized throughout to resist rust.

For a Catalog—just phone or write the nearest A. P. office or sales agent.

ANCHOR POST IRON WORKS
52 CHURCH STREET, NEW YORK, N. Y.

Ballimore Boston Chicago Cincinnati Detroit Euclid, O. Hartford St. Louis Mineola, L. I. Philadelphia Pittsburgh Rochester

Sales Agents in Other Cities

Awnings of Distinction
—in stock sizes—ready to be put up

DUBANAWNINGS are as pleasing in design as period furniture. They add the correct touch of distinctiveness to your home. You can buy them in sizes that will fit perfectly practically any window, door, or porch—all ready to be put up.

DUBANAWNINGS are made from patterns with individualism—that harmonize perfectly with the architectural style of the house. They fit as awnings should fit; and their fast colorings are pleasing.

DUBANAWNINGS are made from canvas of an extra fine quality, stitched with strong thread, and mounted on rust-proof, galvanized iron frames of the highest quality. They last many seasons and show their high quality to the end.

Dealers in many sections of the United States can supply you with DUBANAWNINGS all ready to be put up. If they are not obtainable in your locality, write to us. Catalogue, samples of canvas and prices gladly sent on request.

Look for the name DUBAN on the Awning

DEALERS WANTED where DUBAN Awnings are not being sold
The DUBAN SHADE CORPORATION
170 South Avenue, Rochester, N. Y., U. S. A.

DUBAN Awnings
for houses, porches, apartments, office buildings, factories, etc.

From ancient roofs of grass and mud to the modern roof of wood, slate or tile, the search has been for roofing which combines both beauty and utility.

At Last—

MOHAWK TAPERED
ASBESTOS SHINGLES

Have Solved the Problem

They are permanent—they are watertight—they are fireproof—and they are beautiful!

MOHAWK rough-hewn asbestos shingles are tapered—thicker at the butt than at the tip—the only asbestos shingles so shaped. They cast the alluring deep shadows of the wood shingled roof, without its perishability and fire hazard.

Made of portland cement and asbestos fibre, in soft shades which blend on the roof into an effect of age-mellowed charm, these shingles are permanent and fireproof and will outlast the house.

Send for descriptive literature. Don't roof or re-roof until you have received it. Write to-day

MOHAWK ASBESTOS SLATE CO., Utica, N. Y.
New York Office 120 East 41st St.
Into the body of English bone china is introduced a component which gives it once its name and the qualities which so endear it to the connoisseur. From calcined ox-bone it gains that incomparable white which brings out intensely the colors of the decoration. From this also comes a strength so great that, though in daily use, this china may pass down as an heirloom from generation to generation.

Minton's "Princess"

For the bride, Minton's "Princess" pattern makes a cherished possession. Whether the gift be a full service or a few plates, the donor may know that in color and design, this noteworthy pattern will harmonize with a room of any period and table appointments with which it may be associated.

Minton China, made with the same care and skill as that supplied to H. M. Queen Victoria, H. M. King George V, H. M. Alphonso XIII and other sovereigns, may be had at any of the better dealers in China, and at jewelers.

MEAKIN & RIDGWAY, INC.
New York
Oriental Rugs
Museum Quality

A real benefactor once gave 12 rugs to the Metropolitan Museum. He owns famous paintings but he puts best rugs first in art and beauty. He was a real benefactor because production of gem pieces ceased years ago, imports are now from private hands, possibly 10 rugs per year, though imports of new rugs are enormous. Commerce kills art. New York dealers recently paid high at auction, per New York Times, Jan. 20, 1924.

For fifteen years I have bought all and sold only thick, colorful, velvety antiques, at fractional auction prices, and am the only dealer who has consistently so advertised and delivered. My credentials: I have owned rugs shown by plate in Mumford, Hawley, Lewis, Ellinger, Clifford, have loaned rugs to museums, have sold wonderful rugs in your vicinity, names on request. Performance is ever the best credential, you know it, therefore

Write for descriptive list. Examination by appointment.

L. B. Lawton
Skaneateles

The Coolest Cheeriest Furniture—Stick Style Willow

NOTHING could be more decorative. And it is practical, too, for its combined qualities of lightness and durability make it ideal both for outdoor and indoor use. Painted in any two colors. Six-piece Stick Style Set (illustrated) Separate pieces—Console Table 114, for terraces, porches, sun parlor, etc., No. $25; Side Chair 106, $18.75; Chaise longue 107, $35; Arm Chair 102, $25; New York. Arm Chair 103, $19.75: Couch 109. $55.

Large stock of Stick Style and Reed Furniture on hand ready for immediate shipment. In ordering please send sample of colors desired.

Write for Catalogue

EDWARD R. BARTO & CO.
Interior Decorators and Furnishers
775 Lexington Avenue, New York
Your Garden

From the commonplace to the interesting is but a short step. Even the ordinary garden may have charm and individuality through the addition of a bit of statuary, a bird-bath, or a vase; and superb effects can be achieved by those who give a little thought to the harmony that exists between verdure and weathered stone. Study the possibilities of your garden.

The fountain illustrated here is priced at $137.50 (F. O. B., N. Y.). Our catalog illustrating a great variety of bird baths of the better sort, fountains and other garden ornaments, executed in Pomegranate Stone, at prices that are practically normal will provide innumerable suggestions.

THE ERKINS STUDIOS
Established 1900
240 Lexington Avenue, at 34th Street, New York

A Touch of Imagination

The charming, the quaint, the individual craftsmanship of an artist; the leisurely consultation with an authority on interior decoration; the joy of traversing among collections of antiques and odd bits of beauty—

The advertising pages of House & Garden will guide you to the shops where you can find all these things. Turn through these pages now and make out your shopping list. Or for further help, write to

House & Garden Information Service
25 West 44th Street
New York City

RESTORING a NEGLECTED WOODLAND

(Continued from page 138)

all the paths and woodland trails. The ideal treatment given the paths was to make them comfortable for walking. Protruding stones and tree-roots were removed, stepping stones were laid in moist reaches and simple log bridges were thrown across the brook where needed. The underground on both sides was removed so as to leave an irregular border from two to four feet wide; and this border was afterwards planted with Partridgeberry, Hepaticas, Violets and other cover-plants. Today, it contains how appreciative of light and elbow room all the wildings are and how quickly they discover and take possession of localities thus favored.

The finishing touch to all this preparatory work was the judicious thinning out of spindling second-growth saplings and underbrush in the immediate neighborhood of The Vista and the paths. This was often strikingly effective, particularly where it disclosed notably fine specimens or groups of trees and, by providing more breathing space and better light, encouraged them to develop greater beauty and symmetry. No attempt was made to clean up along the trails or in the remote interiors beyond the range of clear vision. Such areas should always be left undisturbed, for the dense masses of bushes, vines and low plants, which naturally cover a forest floor, maintain equable conditions of moisture and temperature and are as necessary to the permanent health and vigor of the trees as the soil itself.

Everything was now ready for the planting. I shall not go into minute details regarding this part of the work, for the selection of material and its arrangement are frequently matters of personal preference; and in this regard the dear old lady was inclined to be opinionated, not to say peculiar. I did insist, however, upon respecting the soil preferences of the plants that were put in. I had my way in this as well as in using the native flora of the neighboring woods and fields as the basis of all group plantings. As the Vista, the glades and the open spaces around the tea house and other shelters, were bordered with flowering shrubs of local origin and these were used freely and with fine effects, at conspicuous points. Border plantings like these serve to keep out drying summer winds and to screen winter storms, and form effective barriers against intrusion.

As the dear old lady was in early June, last year. Together we walked across the lawn and into the woods. A superb white rhododendron, in full bloom, stood just at the right of the entrance. Once inside and around the bend of the curve, I came to some realization of the wonderful transformation four years wrought. The great White and Red Oaks along The Vista had extended their branches until they interlaced overhead, forming an unbroken canopy. From the borders the clouds of white-rod, its branches heavy with blossoms, mounted downward to the entrance to the Sanctuary path, a heavy mat of The Vista had been surrounded with fruit-bearing bushes and undergrowth. The great Rhododendrons on the mountain laurels gave the impression of long banks of pinkish snow. I noted that the great oak and hemlock back of the Laurels were covered with boughs. Underfoot, the ground was surfaced with mosses of every hue, spangled with the white and pink stars of the Gold-thread and Wood-sorrel. Farther on, at the entrance to the Sanctuary path, a full-grown Withe-rod, its branches heavy with blossoms, pointed downward towards the brook. And in the slightly wooded area itself, among the Hemlocks, was one of the finest and happiest colonies of the pink Lady-slipper it has ever been my fortune to see. We went on to the tea house and enjoyed the distant landscape picture, then followed the Laurel path back to The Vista, stopped to admire the sunny rock garden (recently planted) and returned by the Azelea path to the house passing several fine clusters of the glowing false Azeleas, then at the height of its splendor.

As the dear old lady sank into a roomy rocker on the veranda, she smiled and said: "You see that my dream has become reality." What she accomplished in her ten-acre wood-lot is typical of what may be done by the treatment of any tree-clad area, regardless of its size or location. So I am not without hope that what I have written will show the way to other woodland owners and encourage them to emulate her success.
Learn Interior Decorating in your own home and in your spare time!

You can quickly and easily prepare yourself for the practice of one of the most satisfying and fascinating of all professions by devoting one hour of determined effort each day to the

Arts and Decoration Practical Home Study Course in Interior Decoration

This course has no equal. It has been prepared, and is directed, by the country's foremost authorities. Every non-essential has been eliminated; and every essential fact and principle is stated and explained in such concise and exact terms that the student absorbs it all without conscious effort.

Even if you do not wish to follow it as a profession you will find this course a splendid cultural asset.

To the woman who loves and desires beauty the course is a positive delight, both for the authority it gives her in all such matters and for the help it gives her in achieving the utmost of her own home's possibilities.

Directors: Harold Donaldson Eberlein and Nancy V. McClelland

Write for beautiful brochure describing the course.

ARTS AND DECORATION
43 West 45th St., New York, N. Y.
FROM quaint old Limoges on the banks of the placid Vienne, famed since the Middle Ages in the arts ceramiche, we bring you this rich new motif.

Already Paris, most critical of art centers, has welcomed it as another masterpiece worthy of its maker—Haviland of Limoges.

Now in America at shops and department stores of the first rank, it awaits your inspection. Please note its quiet, distinguished motif. Observe how skillfully brown is used on the ivory tinted background to relieve the rich, dark Royal Blue of borders and medallions.

And then the center medallion! See how striking is its contrast with the delicious tender whiteness of pure Haviland China.

But charming as is this rich new motif, there is one thing more satisfying. Beneath these merely surface characteristics are hidden qualities of fine porcelain making which, through more than five generations, have steadily added to Haviland fame.

If for any reason you are not familiar with the name of a Haviland China dealer near you we shall, upon request, take pleasure in sending it to you.

Haviland China Co., Inc.
11 East 36th Street, New York

Haviland
France

TO BE SURE OF THE GENUINE HAVILAND CHINA
ALWAYS LOOK FOR THESE FAMOUS TRADE MARKS
The World's Finest and Fastest Cooking Oil Range

A range of beautiful design and finish — yet its striking appearance is eclipsed by a superlative performance that is unparalleled by any oil stove and unsurpassed by any stove.

The big, roomy built-in oven is of unique construction. Equipped with soapstones and heavy heat-retaining walls it continues to bake for fully two hours after the burners have been turned off.

With five fast-as-gas Superfex Burners—all available for surface cooking when required—there's ample space and abundant heat for the largest meal. Its porcelain enameled cooking top, splashers and convenient removable burner tray are easy to keep beautifully bright.

In addition, your dealer has New Perfections, ranging from $7.00 to $145.00, to suit every requirement—such one the utmost in cooking satisfaction at its price.

THE CLEVELAND METAL PRODUCTS CO.
7189 Pratt Ave. Cleveland, Ohio

New Cook Book—Send ten cents for the 1924 New Perfection Cook Book, forty-four pages of recipes, menus for all occasions and invaluable cookery suggestions.

Beautiful Practical Durable

Smooth white-enamedel surfaces inside and out make the WHITE HOUSE Kitchen Dresser beautiful and absolutely sanitary. All parts of the unit are easily cleaned by the wipe of a cloth, or, if desired, drawers, shelves and all equipment may be removed and Dresser thoroughly cleaned throughout.

Invisible hinges, strong glass knobs and all useful fittings. Electrically welded joints guard against vermin and assure durability.

To give great durability and long life to all these notable features, the whole White House line is built of steel by exclusive and totally different methods of RIGID, WELDED construction.

JANES & KIRTLAND, Est. 1840
134 West 44th Street
New York, N.Y.
To Have a Complete Kitchen You Must Have a Pulmanook!

There are fashions in home building, just as in everything else. Fashion says, the modern home must have a cheery, inviting dining corner, in the kitchen or just adjoining.

And that means a Pulmanook. For in no other type of alcove can you have such advantages. It folds away when not in use. The seats disappear in the wall. The table goes into a compact case. You can use the space for other purposes all day. Better yet—it leaves an easy corner to clean.

The Pulmanook is one of many Kitchen Maid standard units. They're built by the cabinet-makers who build the Kitchen Maid kitchen cabinet. Beautiful workmanship, substantial construction, correct design—for no more than the cost of old-fashioned cupboards. Write us today for the Unit Booklet—opening away to better kitchen equipment to you.

WASMUTH-ENDICOTT COMPANY
1250 Snowden Street, Andrews, Indiana

The choice of the American housewife.

Sanitary, Healthful and Economical refrigeration based on scientific principles, combined with undeniable beauty, has definitely established the Bohn Syphon Refrigerator as the standard of comparison.

Cleanliness and health are suggested in the lustrous, white porcelain, at first sight.

Continuous, never decreasing efficiency, is promised (and fulfilled) by the unsurpassed syphon system, and the kind of insulation that is an absolute barrier to warm air.

Sturdiness, durability, long life and ultimate lower cost is inbuilt by craftsmen.

That they have been in the Pullman dining car service, and every American railroad in this country for years, is proof of their superior dependability.

BOHN REFRIGERATOR COMPANY
SAINT PAUL, MINNESOTA

Retail salesrooms in the following cities:

NEW YORK—5 East 46th Street
CHICAGO—68 East Washington Street
BOSTON—246 Boylston Street
INDIANAPOLIS—144 East Ohio Street
PITTSBURGH—Wood and Diamond Streets
DETROIT—117 East Grand River Avenue
BUFFALO—704 Main Street
LOUISVILLE—306 West Walnut Street
An Import Order NOW=Big Savings LATER!

If you ordered last year you will understand why you must act at once to gain this alluring reward for promptness—These are the reasons:

Our Special Border Collection
of magnificent Darwin and Cottage Tulips, (as pictured above, in order from right to left).

- Clara Butt—Exquisite Salmon
  Per 100 Per 1000
  pink Darwin $3.50 $32.00
- Picotee—White cottage with lovely refracted petals edged with pink
  4.00 33.00
- Dream—Charming, clear lavender
  4.50 40.00
- Bronte Queen—Art tulip of buff tinged with golden bronze
  4.00 33.00
- Zu/z—Enormous size Darwin of deep velvety purple
  4.50 40.00
- Golden Beauty—Glorious golden yellow cottage
  4.25 35.00
- Pride of Hoarzcem—Darwin, American Beauty color
  4.50 40.00
- Pride of Haarlem—Darwin
  4.50 40.00
- Zulu—Enormous size Darwin
  4.50 40.00

EXTRAORDINARY OFFER
100 DARWIN TULIPS for $2.50

Choice; first size bulbs, sure to bloom. Schling’s Special Mixture made up especially for us from ten of the finest named varieties—not at all the ordinary field-grown mixture usually sold.

A $5.00 value for only $2.50 or, if you prefer—50 bulbs for $1.50

The Heralds of Spring

Here are the Bulbs and Here are the Prices!
Nine splendid collections, each a wonderful value—if you order now:

100 Single Early Tulips in 10 named varieties. Bloom in April and early May

100 Double Early Tulips in 10 named varieties. Bloom in April and early May

100 Darwin Tulips in 10 named varieties. Immense flowers on stems 2½ ft. tall in May and June

100 Cottage Tulips in 10 named varieties. The tulips of grandmother’s garden, improved and more beautiful than ever. May and June

100 Breeder or Art Tulips in 5 rare named varieties. In form like Darwins, wonderful shades of Bronze, Buff, Orange and Apricot. May and June

100 Narcissi or Daffodils for naturalizing and lawn planting. Airy and medium Trumpets, short-cupped and lovely Pet’s varieties, doubles and singles on long stems, all top size mother bulbs

100 Bedding Hyacinths in 4 colors

100 Named Hyacinths, 2nd size, 4 varieties

100 Named Hyacinths, exhibition or top size, 10 named varieties for pots or glasses.

Caution—No order can be accepted at these prices later than July 1st

You may order these bulbs now and pay for them when they arrive in September, or if you prefer, you may deduct a

Cash Discount
of 5% if you send cash with order.

26 West 59th Street Max Schling, Seedsmen, Inc.

New York City

Our special offers in our “Import List” of bulb collections

Max Schling, Seedsmen, Inc.

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

I am deducting 5% cash discount and enclose full payments in advance.

Please send me your special “Import List” of bulbs.

Name

Address

Shall we send you a copy?
Pay Off the Grinning Caddy

When May in a softening mood crowds your pulses with the urge of a thousand springs and all the world is an open road for every soul that stirs—close the doors of all the houses and throw away the keys.

When in the blue mystery of the magic woods flowers come up with color and birds come back with song, pay off the grinning caddy and choose for your companion someone who knows the Playboy was built for her.

Step on the throttle of that masculine car, full of the nomad spirit and the will to go—leave the town and turbulence and fame, and skudding through the sunlight like a phantom thing possessed, idle the golden hours away.

That's youth—that's life—that's Spring.

JORDAN M MOTOR CAR COMPANY, Inc., Cleveland, Ohio
Today's Building Wisdom

Rests on the Experience of Centuries of Yesterdays

You probably know "the Wood Eternal," so as to obviate the repair-bill bugaboo. But how can you be sure that you get it? There is a "distant cousin" of the Wood Eternal, that grows far inland, never saw a swamp, and lacks the superlative decay-resistant traits of the genuine.

Tide Water Cypress
"The Wood Eternal"

It is very important that you specify "Tide-water" Cypress, and identify it by the Cypress Arrow Trade mark on the end of every board and on every bundle. (See below.)

The Cypress Colonial Plan Book

is "the most complete and authoritative grouping of matters Colonial that I know of in the same space, and also delightful in its style. It's a real book, to read and keep for reference." It will come to you Free, on Your Request

192 pages, 96 pictures, complete full-size Working Drawings on Double Plan-sheet Supplement, full Specifications for entire house and equipment. Also 3-sheet Special Colonial Art Supplement by a famous artist. These plans are not "stock" but are specially designed for us by an eminent architect.

Write today for VOL. 44.

SOUTHERN CYPRESS MFR'S. ASSN

1210 Foydras Building, New Orleans, Louisiana or 1210 Graham Building, Jacksonville, Florida

Insist on Trademarked "TIDEWATER" CYPRESS. Accept none other.

TRADE YALE MARK

Control your doors

No one ever slams a door equipped with a Yale Door Closer. It cannot be done.

No one ever leaves a door open that should be closed when there is a Yale Door Closer on the door. It makes no difference if the door is forgotten. The Yale Door Closer never forgets.

What does a Yale Door Closer do?

1. It swings the door shut.
2. It quietly controls the door to prevent the slam.
3. It gently but firmly closes the door till the latch clicks.
4. And at your will, when equipped with the holder device, it holds the door open in any predetermined position.

And why does it do it so well?

The Yale Door Closer is so thoroughly well made. It is simple, powerful and efficient. It is a perfected door-closing power plant with a heavy coiled spring to close the door, and a piston within a cylinder working against hydraulic pressure through connecting rod and crank shaft to control the closing action.

Look through your home. Yale Door Closers ought to be there—for quiet, convenience and comfort. Which of your doors needs a Yale Door Closer most? Go to the hardware dealer and let him help you select the proper Yale Door Closer for that door. The price is low—the service, indispensable.

The Yale & Towne Manufacturing Co.
Stamford, Conn., U. S. A.

Canadian Branch at St. Catharines, Ont.
variety to be classed with Frau Karl Druschki.

The part of the book devoted to Rock Gardens, though brief, is interesting and gives a statement of principles. The presentation of this subject would have been bettered, however, by devoting to it, in order more clearly to exhibit construction, several pictures of the nice clear style that distinguishes the 28 found in that volume.

There are few omissions of importance, like that of Dogbane among the evergreen shrubs. A more grievous fault lies in failing to mention, in dealing with Rhododendrons, the requirement of acidity in the soil. Native plants in general might have received a little more attention and more commendation. Some practical aspects of gardening could at least have been glanced at,—notably Irrigation.

The mechanical workmanship is of high order. A commendable feature of the Index consists in placing first the number of the page that contains the main treatment of each of the respective topics.

The Jacobean de Luxe Model here illustrated reproduces a historical period closely identified with the beginnings of America. Finely executed carving makes this instrument a notable production.

The Sonora line includes an instrument for every taste and requirement—$50 to $5,000.

Sonora Phonograph Co., Inc., New York City
THE INSTRUMENT OF QUALITY

Sonora—one of the famous musical instruments of all times

The Jacobean de Luxe Model here illustrated reproduces a historical period closely identified with the beginnings of America. Finely executed carving makes this instrument a notable production.

Today, the musician lives on forever in the perfect recording of his most inspired performance. And played by Sonora, the very soul of beautiful music can be re-captured at will.

The mechanical workmanship is of high order. A commendable feature of the Index consists in placing first the number of the page that contains the main treatment of each of the respective topics.

The Index has been made carefully and enables one easily to find the treatment of each at all reasonably worthy species and most of the species of almost all domesticated plants. The systematic explanation of the names. The systematic explanations of the names, the proper names and characters, provides growers' and nurserymen's catalogues with a head start toward attaining such excellence as that of the Sonora line.

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For brightening up indoors and out—

Y ou'll find everything at Lewis & Conger's. In the small space of this advertisement, we have attempted, by showing a few things that are appropriate to the season, to suggest dozens of garden and household appliances that are here awaiting your call.

The newest things, the best things, the things that are most carefully planned for your convenience; those are what you may expect when you come to Lewis & Conger's.

The Vital Automatic Vacuum Cleaner works by hand and makes its own power. Its first cost is half that of any cleaner that can compete with it for efficiency and it costs nothing to operate. It is a simple, strong, durable mechanism. Endorsed by Good Housekeeping Institute. Complete, $35.75.

In this handy nail-box are nails, screws, tacks, upholster, picture-hooks, screw eyes, and brass-headed nails, as well as hammers, screw-driver, tack-lifter, and gadget. In the spring and through the year it proves its worth a thousand times. $6.75.

No-Moth will keep moths from entering your closet to occupy your clothes while you don't. Its pleasant cedar odor does not cling to clothes, yet it drives away the boldest moth. 22. Refill bottle, $1.50.

The Utility Basket has astonishing space for carrying miscellaneous things. It is light—woven of strong, flexible material—and it serves countless purposes. As good for toys or wanted clothes or for firewood. Hangs up flat. Unlined, $1.38; jute-lined, $2.25.

This sturdy luggage stand, finished in ivory, walnut, or mahogany, with strips of heavy webbing, will support a steamer trunk or traveling bag at a convenient height for your guests. Folded, it takes scarcely any space. $7.50.

For feminine gardeners there is nothing so fine as these light, strong steel tools imported from England. Solid mahogany handles, just the right length. The set, $11.25. Children's size, same fine workmanship, $8.75.

Phone Vanderbilt 0571

LEWIS & CONGER
45th St. and Sixth Avenue
"A Houseful of Housewares"

M-24 LEWIS & CONGER
45th Street & Sixth Avenue
New York, N. Y.

Send me, collect, the items checked: ( ) Vital Cleaner; ( ) No-Moth;
( ) Garden tool set at $; ( ) Luggage stand finish; ( ) Utility stand at $;
( ) Nail box complete; ( ) your free booklet, "Modern Home Equipment."

Name
Address

Invisible, but Vital

HIDDEN beneath the handsome exterior, are those essential qualities which make the McCray efficient and economical—the refrigerator you should have in your home! For there is design—the patented McCray construction—which insures constant circulation of cold, dry air through every storage compartment. Then highest grade materials, each proved best for its particular purpose; expert craftsmanship, developed in our third of a century experience; unswerving loyalty to an ideal of quality in every detail of construction.

Sturdily built to keep cold air in and warm air out, the McCray protects the family's health, assures wholesome, palatable meals, saves food and money.

The McCray may be used without change for either ice or mechanical refrigeration. Outside icing feature originated and developed by McCray, available if desired. Residence models from $35.00 up.

Remember, McCray builds refrigerators for every purpose—for hotels, clubs, hospitals, restaurants, stores and markets, as well as homes of every size.

Send for further information. We'll gladly suggest equipment to meet your particular needs.

McCRAY REFRIGERATOR COMPANY
2413 Lake Street Kendallville, Indiana
Salesrooms in all Principal Cities (See Telephone Directory)

For the McCray Name Plate

You'll find it on the refrigerator equipment in the better grocery stores, markets, restaurants, hotels, and in homes. This name plate gives positive assurance of foods kept fresh, pure and wholesome.
The entire career of Sir Christopher Wren is broadly, but by no means carelessly, sketched in this small volume, and the author has made room for plentiful quotations from contemporary sources, and for a full account of the designing and building of St. Paul's.

In commenting upon the proposed demolition of some of Wren's London churches, Mr. Weaver has withdrawn himself from the general hysteria on this subject, and points out that these churches are of uneven merit, and that some of them could be spared without irreparable loss. A thoughtful student of the architecture of Sir Christopher Wren, Mr. Weaver is able to point out which of the smaller churches deserves preservation, and which are of less architectural significance.

Among the quotations from the language of Sir Christopher himself are to be found such quaint and illuminating bits as the following:

"Although Architecture contains many excitements, besides the ranging of Genuine timidity to coincide with the Spring Furnishing Season.

Karpen Furniture—will show a wonderful assortment of furniture.

FURNITURE THE CLARIDGE GROUP

KARPEN FURNITURE WEEK
April 25 to May 3

Karpen Furniture Week is timed to coincide with the Spring Furnishing Season.

Watch for the newspaper announcement of your local Karpen Furniture dealer. During this annual furniture event you can save money on your furniture purchases. And the Karpen trade-mark on each piece is your assurance of Genuine Karpen Furniture—exclusive style and guaranteed construction.

Dealers everywhere will show a wonderful assortment of Karpen Furniture for your living room, sun room, hall and library.

The illustrations on this page are representative of the special designs and new cover-fabrics which will be featured by your local Karpen dealer during Karpen Furniture Week—at special prices. All are distinctly modern and luxurious.

Write us for name of nearest Karpen dealer—also a copy of "Better Homes, a book of modern interiors, with color charts. It will be mailed to you free on request. Address Dept. L-5.

S. KARPEN & BROS.
Manufacturers: Karpen for Upholstered Furniture, Headstuffs Fiber and Enamelled Case Furniture, and Windsor Chairs
803 & S. Walsh Ave, CHICAGO 37th and Broadway, NEW YORK

KARPEN HARDBOOK FIBER FURNITURE. The Serena Group

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 146)

The printing is eminently clear and uniform and a delight to the eye. The ink, paper, sharpness of type and plate register contribute toward making a well printed page. The binding, however, would not last well with the usual usage given to such handbooks in the field. Soft leather and flexible back are pronouncedly better, but expensive. The price of $3.50 placed upon the book is quite fair. Typographical errors are scarce, the title-page of "Linotype" on page 51 being the only one noticed casually.

The drawings and photographs are generally satisfactory and useful. This author is to be congratulated upon being

(Continued on page 150)
May, 1924

Living Rooms
Air-Way equipped living rooms may be thrown wide open to the cooling breezes whenever the thermometer begins to climb.

Sun Rooms
Plenty of fresh air or absolute protection against the weather combine to make Air-Way the most perfect enclosures for sun rooms.

More Light—More Air
for every room in the house

“In the support of life and preservation of health,” says Chicago’s Commissioner of Health, “the importance of sunshine and fresh air cannot be overestimated.” Because it floods the entire home with sunshine and fresh air, Air-Way Multifold Window Hardware has been endorsed by health authorities, architects and home owners from sea to sea.

Air-Way equipped windows slide and fold inside leaving an unobstructed opening the full width and depth of the frame. They open at a touch, without interference from either screens or draperies, and are absolutely weather-tight and rattle-proof when closed. Air-Way windows may be partially opened, for ventilation, at any point desired.

Write today for Catalog L-4 which explains how easily Air-Way windows can be installed in new homes or used to replace old-fashioned double-hung windows. Most hardware and lumber dealers sell this newest and best of window hardware.

In the bathroom that your little children first learn the rudiments of health and hygiene. The influence of the “health-center” on your children’s habits of personal cleanliness is in direct proportion to the care with which you have chosen the fixtures.

Proper sanitation demands a water closet that flushes thoroughly, quickly, and is of such material as can be most easily cleaned. “Tepeco” supplies such fixtures at a price range within the reach of all.

Write for our free Plan Book
“Bathrooms of Character” S-2

THE TRENTON POTTERIES COMPANY
TRENTON, N. J., U. S. A.
The Incomparable Trouseau—McGibbon Linens

For over half a century we have been privileged to supply Household Trouseaux Linens for countless brides. We have studied their needs and their whims and gratified the desire so natural to every bride—to have the time. We have prepared several very attractive trousseau renements for Brides. We have studied their needs and their whims and added to them from time to time. Much of which we have been very glad to send you.

The linen centerpiece is beautifully designed with an unusual Italian motif enhanced by a dainty laced edging, 18 inches. An unusual value at $5.25.

All mail orders will be given prompt attention. Send for our new illustrated catalogue No. 62.

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HOUSEHOLD LINENS
INTERIOR DECORATIONS
LACE CURTAIN

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 148)

so successful with his plates. But perhaps the impressions imparted by the colorings in the cases of silver, copper, chalcoite, hematite and nickel oxide are somewhat misleading to the novice; whereas in the lack of color in sulphur, Plate 31, there is a loss of opportunity to have the eye contact the earth, to appreciate the play of color, the dainty and unusual looks of the different species of plants. Often the plants are so close to each other that the eye catches the colors, the tones, the forms, the combinations of all the colors and forms, and the eye is continually stimulated to new observation.

There is a fund of information associated with each mineral description; but with it all why were not the extensive uses of geology and geology as the mineral deposits as much as possible? There are many uses of these minerals which have no conception of what they are. It is a question whether ethylene should be mentioned as a constituent of natural gas since its presence is listed at such low percentage as to be negligible and even disputable. The reference to the presence of members of the "benzene" series, petroleum on page 227 should be to that of the "benzene" series.

It is difficult to be congratulated upon the production of such an interesting and useful and much needed handbook. It is sufficiently complete and comprehensive for all ordinary use.

J. Howard Graham.

F. B. M.

GARDENS IN THE MAKING. By Walter H. Godfrey. B. T. Batsford.

Here is a nice volume that should be taken as an antidote to the teaching of William Robinson. He, like other great luminaries of thought almost without exception, went out upon a tangent. Led by his brilliance the designer of gardens and landscapes roamed far into the meadows and woods and along the banks of ponds and streams, with Nature. But the pendulum had to swing back, to use another incongruous figure, and it began to be perceived that while the true way was not found in the extravagance of formalism of the past, there had to be some return to it. It began to be realized that in design the wild could be brought into too intimate contact with the building, just as in the excess of formalism the wild was cast too far out into the wild. Mr. Godfrey was not afraid to assert that "architectural principles" are the garden design must part together, and that the architect, if he be a master of his art, should not be hindered to harmonize the immediate surroundings of the building with the form of the fabric itself. The outdoor space of the home can not safely be left to a man who is only a gardener, even though he be a good gardener, for "gardening is a craft, and, if you will, a science; garden design is an art, and requires different knowledge, and faculties of quite another order."

So this is a good and a wise little book, written with the staid country homes of gentlemen and of the "old little island" of England in view, before the war, even; the preface was dated just a few weeks before the beginning of the holocaust. But the principles are sound and the publishers seem to have had their fingers upon the pulse of the times in bringing it forth averse.

It conforms itself with unusual steadfastness, to its purpose, and sets forth, in very good English, enforced by tolerably good drawings in black and white, some of which are birds-eye views, the three principles that should control design: (1) Simplicity of treatment and harmony with existing conditions; (2) the avoidance of all inordinate display and the cultivation of privacy, with that ample protection and shelter which make for the maximum of usefulness and beauty in the garden domain,—region and rational and purposeful plan of the house and (3) the garden together. So it says much about landscape architecture and almost nothing about landscape gardening; much about stone and brick and timber and almost nothing about grass and trees and flowering plants.

For laying out and planting parks and private grounds of great extent, or fine planting or tending a garden it consequently yields but little help, but along that line in which the designer, even professional architects and landscape architects among us Americans come wofully short, only a faint pointer in the garden literature of America.


It was to be expected that something good would be produced when so popular and so skillfully a writer of garden books as Louise Beebe Wilder set about telling of her large new garden. To this new garden she has brought not only her quite extraordinary talent for making garden pictures but also the choicest of the growing things she learned most to love in the former gardens. And, realizing the opportunity, growers of plants fine and rare all over the country, glad to have her friendship, have contributed from their treasures so that the new garden, which has had but two summers, already is literally "furnished from the ends of the earth."

First, among her Thoughts on Winter Green, clear and crisp as are the snow crystals themselves, there is a great deal of good sound upon the opinion that "the mixed bendon style of planting evergreens is one of the most manifestations of our present way of gardening" and that "that upon the lawn of a little place one well grown Hemlock tree and one Dogwood or great Crabapple would give infinitely more pleasure than a dozen expensive midgets each for its special use of the setting." In the growing things she learned most to love in the former gardens. And, realizing the opportunity, growers of plants fine and rare all over the country, glad to have her friendship, have contributed from their treasures so that the new garden, which has had but two summers, already is literally "furnished from the ends of the earth."

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The simplicity of this small house is made interesting by the harmony of texture between the rough stone walls and the rough Tudor Stone Roof.

There are many instances where our slate roofs have been used effectively for the small house. The slate on this house is what we call Tudor Stone, and is a natural product of our Vermont quarries.

Both as to color tones and sizes of slate, each roof is especially designed for the house upon which it is to be laid. In this manner unity in architectural design and harmony in color scheme are assured.

Our Architects' Service Department, under the personal direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof.

The colonial frame house of early New England, with its simplicity and dignified charm, still holds first place as the preferred style of American home. With cement and brick construction costing approximately 25% more than wood construction, the frame house also represents real and practical economy.

When its wide siding is Redwood, its permanent beauty is assured. There will be no unsightly swelling, shrinking or curling. Redwood is permeated during growth with a natural preservative, which protects it against all forms of rot and fungus decay. Redwood contains no pitch or other resinous substance, and therefore reduces the fire hazard.

With labor costs relatively greater than costs of building materials, it is doubly important that you select the lumber best suited to particular requirements. The cost of this better lumber is so little, compared to your total investment, that it amounts to practically nothing.

If you plan a conservatory, greenhouse, pergola or summer house, specify Redwood construction. Unpainted, Redwood will outlast most paint-protected woods when exposed to the ravages of moisture and severe climatic changes. Properly seasoned Redwood does not warp, swell, shrink or decay.

Before you build, write for our "Redwood Houses Booklet." To architects and builders we will gladly send our "Construction Digest."
MULLIONED CASEMENT WINDOWS ARE ALMOST ESSENTIAL FOR THE HOUSE WITH THE OLD FASHIONED GARDEN, WITH WHICH THEY HARMONIZE SO PERFECTLY.

INTERNATIONAL CASEMENTS IN STEEL ALWAYS OPERATE FREELY AND INSURE ABSOLUTE WATER-TIGHTNESS EVEN IN THE MOST EXPOSED POSITIONS.

Send for our illustrated booklet "International Casements for Homes of Distinction and Charm". It contains many interesting suggestions regarding the interior and exterior treatment of windows.

The Comfort of Your Home Depends Upon Your Heater

That the name of the owner and the name of the heater are both Kelsey is merely a coincidence.

But there was no element of chance about the choice of the Kelsey Warm Air Generator. It was based upon the knowledge of the owner and architects that the Kelsey Warm Air Generator would adequately heat the house, and at the same time furnish a constant supply of pure fresh air, automatically humidified.

There is no other warm air heater like the Kelsey. It is unique in construction and performance, and gratifying in its economy.

The Automatic Humidifier

Let us send you "Kelsey Achievements" which contains much valuable heating information.

THE KELSEY WARM AIR GENERATOR

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337 James Street, Syracuse, N.Y.

Sales Offices
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For the last seventy years each Smith & Wesson revolver has added to the reputation of its maker. The illustration above, faithful as it may be in depicting the appearance of the arm, cannot give more than a faint idea of its balance, its precision, its reliability—factors which make it justly merit the title SUPERIOR.

Smith & Wesson
Manufacturers of Superior Revolvers
Springfield, Massachusetts

Catalogue sent on request. Address Department F

No arms are genuine Smith & Wesson Arms unless they bear, plainly marked on the barrel, the name Smith & Wesson, Springfield, Mass.

Western Representative:
Andrew Carriage Company, Rialto Bldg., San Francisco, Cal.
Los Angeles, Cal., Seattle, Wash.

Generations of travelers in Europe have seen women washing clothes, like the woman in this illustration, on the banks of rivers.

Shall the river work—or shall you?

Too many women, abroad, are still washing clothes like this.

They go to the river. Our American rivers are being trained to come to us. Waterwheels drive electric generators—thus water is supplied to the home, and electric current runs the washing machine which has banished so much toil.

General Electric
Are you the lucky one in five?

Not if your gums bleed easily
Check Pyorrhea with Forhan’s

Pyorrhea, destroyer of teeth and health, plays no favorites.

Dental records show that four persons out of every five past 40, and thousands younger, too, are Pyorrhea’s victims.

Heed Nature’s warning — tender, bleeding gums—before it is too late.

Better still, stop Pyorrhea before it strikes by regular visits to your dentist and by brushing your teeth twice daily with Forhan’s For the Gums.

Forhan’s For the Gums, if used in time and used consistently, will help prevent Pyorrhea or check its course; keep the gums firm, the teeth white, the mouth healthy.

Forhan’s FOR THE GUMS
More than a tooth paste— it checks Pyorrhea

There is only one tooth paste of proved efficacy in the treatment of Pyorrhea. It is the one that many thousands have found beneficial for years.

For your own sake, make sure that you get it.

Ask for, and insist upon, Forhan’s For the Gums. At all drugists, 50c and 60c in tubes.

ON HOUSE & GARDEN’S BOOK SHELF

(Continued from page 150)

The Primrose has needed in this country a scholarly and practical work corresponding to that done for it in Great Britain by John McWatt. To this subject is devoted exactly one-seventh of the book, and within that small compass even the person most capable of aridity devoting himself to this flower of poetic sentiment can find satisfaction.

Some of the loveliest pictures in the book, and there are nearly a score and a half, all excellent—show how great a place the Primrose might have along sunny paths and in that now so popular form of gardens, the rock garden.

And this is the second prominent topic. In the chapter Creating the Landscape are pictures bold and yet always justified by the issues. A valuable chapter on Soils contains lists of plants requiring various kinds of soil and this is followed by a detailed setting forth of other particular requirements. But the chief after that constitutes one of the most needed essays in modern horticultural literature, with the title “Shrubs for the Rock Garden”. With it accessible there should no longer exist the common fault of plant life in the midst of natural ruggedness, for an evergreen or deciduous shrub can be selected for particular situations and to almost any kind of site in the midst of dwarfed “alpines”. Nor, if there should be sudden failure with any of these shrubs need any patch of the rock garden pass the summer and the autumn in bare nakedness, for twenty-one shrubs are described for that emergency.

For good measure there are put into a few less than a hundred pages of rather fine print illuminative and instructive original observations on the growing of rocks themselves, and, on top of that, condensed lists of plants for special purposes in the rock garden, and for pleasing combinations.

A concluding feature, worthy of being imitated by other books dealing with special subjects, consists of the names and addresses of nurseries and collectors of native American plants that are appropriate for wild places and the rock garden.

F. B. M.


A quartet of reasons makes this a very notable work.

First, the book constitutes, because of their variety of forms, size and general character as well as their personal elegance, the largest and most important element in landscape design on all scales; Second, With all their importance they are now relatively of high price and hard to obtain, in the United States of America, because of Federal quarantine which shuts out the enormous quantities of “growing-on” stock that used to be imported from Holland and other parts of Europe and because they are slow in growth; Third, The propagation of many varieties is difficult and too little understood by Americans, who furthermore have lacked the patience and the trained nursery helpers so requisite; Fourth, The authors of the book are experts, each in his own portion of the field, chosen by the one man whose acquaintance with all details of the subject is quite extraordinary, whom any student of anything relating to plants would be glad to serve, and who is gifted with a genius for graceful literary expression.

All departments and all phases of the complex subject, which has a range from ground-covering plants like the Japanese Spurge up to the Redwood, one specimen of which, with its head 340 feet into the air, are handled in ways scholarly, refined and thoroughly practical, with the exception of the propagation of the broad-leaved evergreens, somehow strangely omitted. In faultless arrangement and covering, with print fine but of high degree of legibility, 204 pages of this magnificent and large volume is found the most painstaking botanical treatment the subject ever has received. The credit for it belongs to Alfred Rehder of the Arnold Arboretum. In this department of the work the names obey the International Rules of Botanical Nomenclature, as is well, for thus can there be better correlation with other existing classifications. And in cases in which the name advocated by the American Joint Committee on Horticultural Nomenclature and printed in their book “Standardized Plant Names” differs, that name is given as an alternative.

The common names are all those that have received this committee’s approval.

If the other joint authors had used the names so carefully it would have been a happier book, particularly as they have only themselves with aspects of the treatment that are of more general interest and that appeal more to the countryman, and not themselves, as a rule, make exact study of terminology. Their labors are too valuable for that, however. In poetic and imaginative scope, with diction and eloquence of expression, similar to that of the one man, in the midst of dwarfed “alpines”, Nor, if there should be sudden failure with any of these shrubs need any patch of the rock garden pass the summer and the autumn in bare nakedness, for twenty-one shrubs are described for that emergency.

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F. B. M.

(Continued from page 150)
On the quality of Stucco used depends the value and beauty now and in years to come

When You Build or Rebuild Your Home

YOUR architect or contractor will prefer ASBESTONE because it is absolutely guaranteed—because of their confidence earned in 18 years of adherence to the highest standards of quality and beauty. Unsurpassed in covering properties, it has no equal in tensile strength and resiliency. Weather-proof, fire-proof, and permanent; it will not crack from settling strain. ASBESTONE has three or four times the strength of Portland Cement Stucco. ASBESTONE quality is absolutely uniform, every shipment having special laboratory tests. You will want to know the numberless reasons why it is the very best and most economical Stucco for your purpose.

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To the exterior, casement windows add a welcoming charm. Their artistic individuality makes them the center of the interior decoration. These out-swinging casements throw the interior open to the outdoors, giving twice the ventilation of the ordinary window. They do not interfere with the correct use of drapes and are easily screened.

Truscon Copper Steel Standard Casements give quality workmanship at a price within the reach of all. They are fireproof, permanent and weather-light—never split, warp or sag. Ask your local dealer about Truscon Standard Casements. If he does not handle them send us his name. Catalog will be sent on request.

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When the Exterior is Interior Decoration

Truscon Copper Steel Standard Casements harmonize with every type of architecture and give character to the interior.

When You Build or Rebuild Your Home
Pyrene KILLS FIRE
SAVES LIFE

Pyrene SAVES 15% on your auto fire insurance premium

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 154)

Lebanon has hardness in a climate like that of western New York State; all the climates of Asia Minor, all over the northern and north-eastern States the Douglas-fir is hardly only in forms derived from the interior of the continent and not in the form from the western coastal regions. But new conifers too are set before us, like the new dwarf White Spruce from Alberta, which is going to be very valuable in formal gardening.

Like all treasured possessions, changeable and not subject to change with time, however, these prizes at all stages need safeguarding. Largely because of their being immigrants many become the prey of insects and are exposed to diseases and injuries, while even the natives lamentably are prone to succumb in these days when Nature has to a great extent been put out of joint by man's intractable longing for a widening and deepening and elevating of interests. So this very comprehensive work must have its hospital department. It could be in no safer hands than those of Doctors Crosby, Palmer and Dickson, to whom the national government and state governments have issued certificates permitting them to practice. They will gladly instruct us in diagnosis and go even further than to show us how to give first aid. Like all sensible men practicing medicine and kindred arts they hold us back when we in our anxiety would go too far and persuade us not to dose immoderately and not to "operate" more than is necessary to help Nature to do her work of healing and restoring and imparting new life.

Some of Nature's secrets but lately discovered, by that devoted searcher among the family of plants that has been so reluctant to "make up" with man, the ericaceous, shares with us discoveries that when finished will undoubtedly result in complete solution.

The concluding contribution, made by R. W. Curtis of Cornell University, is a kind of summary of the instructions of this very instructive book. As a result of unspiring exertions in research he furnishes, in a check-list of Woody Evergreens, items of information to guide in the selection and the care of these plants from Maine to California and from Canada to Florida.

The handsomeness of this beautiful volume is enhanced by forty-eight half-tone plates, almost without exception clear in minutest details, illustrating for the most part the more deserving of the less familiar subjects; pictures of several more could be wished for. Most of the less known species and varieties have their identification helped by skilfully made drawings that serve the purpose better than would photographic reproductions which are sometimes actually encumbered by representation of details of what is merely seen upon the surface, as a good portrait painter can excel the camera which works with mechanical precision but is lacking in intelligence to interpret.

The first ride in your new closed car might prove to be the last if you started without Pyrene protection.

New cars are just as likely to skid or be hit by other cars and "turn turtle" as are old cars. When a car turns over and the doors jam, there is no method of escape and fire may start instantly.

With a Pyrene you can put out that fire at its start and save yourself and your car. Have a Pyrene in your new car before you take the first ride.

Sold by garages, automobile, hardware and electrical supply dealers

PYRENE
MANUFACTURING COMPANY
Makes Safety Certain
NEWARK, NEW JERSEY
On this old balcony
Washington was made president

Next to Independence Hall in Philadelphia stands the hardly less famous Congress Hall. One of the features of the latter building is a balcony of wrought iron, as simple and unpretentious as the edifice it adorns. But many are the great events this little balcony has seen in its long life, among them being Washington's second inauguration as President.

Time has treated kindly this balcony which is older than the United States of America. A century and a half of storm and sun have left few traces to mark the passing of the years. Nor is this strange when we remember the rust-resisting qualities of wrought iron.

In specifying Reading Genuine Wrought Iron Pipe, the user knows that he is getting a lasting pipe at reasonable cost. At not much more than the price of steel pipe, Reading gives from two to three times longer service—two or three times greater protection against leaks that will surely mean expensive repairs and may result in serious property damage.

The extra "leakage insurance" alone is worth a few cents extra cost per foot. On a cost per year basis "Reading" is the least expensive pipe you can buy.

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Philadelphia

The U. S. Realty Building at 375 Broadway, New York City, is typical of the important structures equipped with Reading Genuine Wrought Iron Pipe.

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SOLID SILVER
Precious through the Ages

Ancient mystic China has passed away, but echoes of her surpassing artistry come down to us in imperishable examples of her silver urns and vessels.

THROUGH the march of dim, forgotten centuries the art of the silversmith has never faltered. Today Towle craftsmen work only in Solid Silver (Sterling).

The bride and hostess are offered rare designs that range from rich adornment to classic simplicity. These your jeweler will gladly show you for wedding or anniversary gifts.

Booklet 22 on request.

A thought for the Mah Jongg hostess—Towle Chinese Chippendale sandwich plates and bonbon dishes for prizes or table appointments.

The Lady Mary

Three pieces from the Virginia Carvel Tea Set

TOWLE
Giftsmen in Solid Silver for Over Half a Century

NEWBURYPORT MASSACHUSETTS

FLOWERS EVERLASTING

DR. E. BADE

THESE peculiar garden flowers, which although they produce blooms capable of being preserved for an indefinite number of years, are still comparatively rare in the garden. They are for the most part annuals, such as the Immortelle or Globe Amaranth. They are natives of Africa and Australia where these peculiar and unique flowers form real carpets at an elevation of ten thousand feet, and whose color ranges from bright red to yellow and white, giving a pleasing effect to the mountain ranges. Their value in the garden has not, as yet, been universally appreciated, although, when planted in groups in a light soil and in a sunny situation, they are quite willing to flower.

Under certain conditions these plants are well adapted for those places in the garden having a poor type of soil. But for those places which are exceptionally hot, plants must be selected which, under natural conditions, live in such localities. The seeds should never be fertilized to any great extent, although leaf mold and other decaying vegetable matter can be added as well as lime mortar if the soil is not naturally loose. Sand can also be added, but this depends entirely upon the type of soil available.

The seeds of the everlasting flowers are primarily used to make so-called permanent bouquets; for the blooms are preserved with dry, membranous, varicolored, petals which do not dry out and wilt. They are naturally dry, and a special method of preparation is not necessary. The flowers are cut, with a part of their petiole, just before they have opened to their full size. Then, from June to late in the fall, their flowers will make their appearance, and as one has bloomed, another will be ready to take its place.

Dr. E. Bade, a native of Australia, can be cultivated in pots if so.
Easily Laid

The work may be done one room at a time if desired, disturbing no woodwork, except the molding at the baseboard.


Modernize your home

with 3/8 inch Oak Flooring

laid right over the old softwood floors

Nothing will give an atmosphere of newness to the old home so quickly as a beautiful oak floor in all the principal rooms. It becomes part of the scheme of decoration as well, finished in natural oak, or in any of the many new color finishes which harmonize with walls and hangings. Imagine the richness of "weathered" finish in living room or library, gray in the dining room, or "forest green" in the sun room or breakfast porch.

A special thickness of oak flooring, known as 3/8 inch, is recommended to lay over the old floor. None of the present woodwork need be disturbed, except the quarter-round at the baseboard. Rooms may be floored one at a time, if desirable.

The cost of permanent oak floors will not exceed that of new rugs or carpets, and is really an investment, as oak floors never need replacement. They grow more valuable and beautiful with age. They are easily kept bright and clean.


The Cheer of Well Kept Shades

Who does not realize it? Fresh, new shades, of the tints that harmonize with your room's decorative scheme, admit the sunshine with pleasing cheer— a delight to the eye from the inside, and from the outside a proof of your home-making abilities. Keep your windows cheerful and yet obtain the perfect shade service that comes from Hartshorn Shade Rollers and Shade Fabrics. Mounted on Hartshorn Rollers, your shades rise at the slightest touch, lower and stay put where you want them, run straight and never "join". This is the reason so many thousands of women say "Hartshorn" at their retailers when they renew their shades. Join their number if you want both home cheer and perfect shade service.

Mrs. Alice Harrell Irvine has written an invaluable little book, "Shade Craft and Harmonious Decoration." On request we will send a copy with our compliments.

SHADE PRODUCTS

Established 1900

ROLLERS - SHADE FABRICS

STEWART HARTSHORN CO., 250 FIFTH AVENUE, NEW YORK
Cool, Comfortable Hours

Hot afternoon hours become cool, comfortable hours where VUDOR Porch Shades are used.

VUDORS turn warm summer porches into sequestered nooks of coolness, comfort and privacy. Invigorating fresh air circulates freely through the ventilator at the top (an exclusive VUDOR feature).

VUDOR Porch Shades are very moderate in price. A shade 6 feet wide with a drop of 7 feet, 6 inches now costs only north of Alabama and east of Colorado. Sizes to fit any porch priced proportionately.

Send for illustrations in colors and the name of your local dealer.

MADDOCK Sanitary Fixtures

Easily Installed Sewage Disposal System Superior to Cesspool

A Kaustine Septic Tank installed on the premises of your suburban or country home will give you all the conveniences of city sewage disposal. It costs no more than the ordinary cesspool and is far more healthful as it reduces sewage to clear water. Cesspools are disease breeders; they hide filth but do not destroy it. The Kaustine Septic Tank eliminates this danger.

Made of Armco Ingot Iron coated inside and out with Hermetic Enamel. It requires no attention and is guaranteed for 15 years. The installation is a simple one; sizes for cottages, homes, buildings and entire communities.

Send your problem to us and let our Engineering Dept. and you complete specifications without charge. Your local plumber can supply Kaustine equipment. Write today for free booklet 101.

Kaustine Mfg. and Sanitation Engineers Buffalo, N. Y.

Easily Installed Sewage Disposal System Superior to Cesspool

ANY strive for effects that are achieved without conscious effort by a few.

Thomas Maddock bathroom appointments are made especially for those homes in which every detail of furnishing and equipment is an unstudied expression of refinement.
For a spotless kitchen floor—Gold-Seal Congoleum!

Spotless cleanliness, attractive cheery patterns, sturdy durability—these are the qualities one looks for in the floor-coverings for the "service" rooms of the house. And they are precisely the qualities of Gold-Seal Congoleum Rugs.

Very Easily Cleaned

Made with a surface that is smooth and firm, Congoleum Rugs cannot absorb dust, grease, or spilled liquids. All these modern floor-coverings ever need by way of cleaning is a brisk wiping with a damp mop or cloth.

Only materials of the finest grade enter into the making of these rugs, thus insuring exceptional strength and serviceability. And they require no fastening to make them lie flat. They hug the floor and never curl up at the edges or corners.

A Wide Variety of Patterns

The fresh-looking brown and white tile pattern illustrated above is but one of several designs appropriate for kitchen and pantry. More elaborate and colorful motifs may also be had—admirable for the maid's room or nursery.

Popular Sizes—Low Prices

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft. x 9 ft.</td>
<td>$9.00</td>
</tr>
<tr>
<td>7½ ft. x 9 ft.</td>
<td>11.25</td>
</tr>
<tr>
<td>9 ft. x 9 ft.</td>
<td>15.75</td>
</tr>
<tr>
<td>9 ft. x 12 ft.</td>
<td>18.00</td>
</tr>
</tbody>
</table>

Pattern No. 408 is made in all sizes. The other patterns illustrated are made in the five large sizes only. Owing to freight rates, prices in the South and west of the Mississippi are higher than those quoted.

You can identify genuine guaranteed Gold-Seal Congoleum by the Gold Seal label shown above. Be sure to look for it when you buy!

Congoleum Company
Incorporated
Philadelphia New York Boston Chicago San Francisco
Kansas City Minneapolis Atlanta Dallas Pittsburgh
New Orleans Montreal London Paris Rio de Janeiro

Gold Seal
Congoleum
Rugs

Pattern No. 408
Pattern No. 520
Pattern No. 521
DéJon is created to add the final touch of perfection to those motor cars in which quality is the paramount achievement. Indicative of the care and soundness of DéJon engineering is the large type Distributor. It is designed with stationary housing and movable breaker plate, and is simple, strong, quiet, easy to time and readily accessible.

DéJon Electric Corporation
Builders Ignition Technique
POUGHKEEPSIE, NEW YORK

Distributor Office — 1614 Broadway, N. Y.
Women know-the advantages of Softened Water

You can't do THIS satisfactorily with HARD water

Duro-Softened Water is softer than rainwater and as clean and pure as your city water; for it is your city water passed through a mineral sand that automatically removes all traces of hardness. In it, soap lathers freely.

It is ideal for bathing, washing and shaving. In cooking, Duro-softened water brings out the natural flavor and tenderness of the foods. No water can be more delightful to drink.

The Duro Water Softener has many advantages over older types. It employs the upward flow principle—admittedly the best engineering practice. There is no packing of mineral. Regeneration is a simple process, quickly performed. Simplicity and efficiency are the outstanding features of the Duro rapid-rate upward-flow principle.

Duro household Water Softeners are built in four sizes, with a range in capacity from the smallest to the largest homes. The large sizes are also used in beauty parlors, commercial laundries, restaurants, etc. A Duro Softener can be easily installed in either an old or new residence or building.

Write today for descriptive booklet and name of nearest Duro dealer.

THE DURO PUMP & MFG. CO.
305 Monument Ave., Dayton, Ohio

Also manufacturers of Duro Water Systems for cisterns, shallow wells or deep wells.

Tear off and Mail

The latest Duro Product. Simply connect in city water line. Cistern and the usual double plumbing are unnecessary.

Kirsch Curtains

Brighten up Your Homes with New Window Draperies

Add New Charm to Every Room

Particularly at this season of the year, you find yourself longing for new things in the home. It isn’t always possible to indulge in new furniture, floor coverings or wall decorations. But you can, at modest expense, have new window draperies to beautify and brighten the whole house.

Kirsch Rods provide a simple solution for every window draping problem. There’s a rod or combination of rods for every draping treatment. The rods come single, double, or triple—extension style or cut-to-length—in lasting Kirsch Velvetone Brass or Velvetone White finish.

You’ll be surprised how easily Kirsch Rods take care of what may seem a difficult draping treatment—for instance: an extra wide window, or series of windows, a bay window, French doors, casement windows. There’s a Swinging Kirsch Rod in two sections, each part swings back for window washing or ventilation. Fine for bedrooms!

The Kirsch FLAT shape eliminates sagging, holds headings erect, insures neat hanging. The Kirsch Bracket has no equal for simplicity, practicability and utility. Put up without defacing woodwork. The rods go on or come off brackets by just tilting. So easy, yet never come down accidentally.

Would you like assistance in planning your window draperies? Send for the Kirsch Rod and Window Draping Book or write and tell us the effect you want, or describe the window you have to drape. Our Interior Decoration Service Department will gladly help you.

Sold by better stores everywhere. Look for the trade mark name "Kirsch" on the carton.

KIRSCH MFG. CO., 243 Prospect Ave., Sturgis, Mich.

Manufacturers of Kirsch Curtain Rods and everything best in window draping accessories

Kirsch Mfg. Co. of Canada, Ltd., 657 Terrace Street, Windsor, Ontario.

Ask for and See that You Get-

Kirsch Curtain Rods

{161}
Colder than Ice and never Melts!

The Frigidaire cooling coil is equivalent to a 200 pound cake of ice. It is twelve degrees colder than ice and never melts.

A 200 pound cake of ice in an ordinary ice-box supplies a temperature of about 55 degrees in the food compartments. As the ice melts the temperature rises.

Such temperatures are too high for keeping food in a fresh healthful condition.

Frigidaire keeps your food at a temperature constantly below 50 degrees—which government experts demand for healthful food preservation.

There is a Frigidaire in a style and size to exactly meet the requirements of your home. Frigidaire usually costs less than ice to operate and can be bought at an economical price and on easy terms.

See Frigidaire and take advantage of our liberal purchase plan to get your home equipped.

Ask your local dealer or write to the factory direct for our book H&G 6 on modern, sanitary refrigeration.

DELCO-LIGHT COMPANY
DAYTON, OHIO

Frigidaire
Economical Electric Refrigeration

FLowers EVERLASTING

(Continued from page 158)

desired. The flower heads are terminal, golden yellow in color with white sepals. In a moderately moist soil together with a protective winter covering this species can be kept for a second year. The seeds are sown in the open during the month of April.

Acroclinium roseum is another Australian form having rose colored flowers with a yellow center. The flowers are comparatively large. Seeds sown in the hotbed in March or April and transplanted in May produce flowers in June or July. Sown in the open in April the flowers make their appearance a little later in the season.

Spherical flowers are produced by Gomphrena globosa, a native of East India. These flowers are especially well liked, because the red varieties do not lose their color when dried. Red and white speckled forms are also known as well as white and flesh colored varieties. This plant requires a richer type of soil. Ground waters injure it. For well developed forms quite a little space is necessary. They are cultivated like the preceding forms but they do require a warm, well protected situation.

The most popular everlasting flower is Helichrysum bracteatum with all its varieties as well as H. macranthum, natives of Africa. Of the former, dwarfed forms have been developed. The color ranges, according to the variety, from golden yellow, white, bronze yellow, or copper red; (var. borus-sorum), or more or less dark red (var. asturans-streum). H. macranthum is the large flowering everlasting form. It attains a height of about 60 cm. and is bushy in habit.

All of these are especially adapted for group planting if the soil is loose, well fertilized, and thoroughly worked as well as situated in a sunny place. When cultivating them in the hotbed, flowers are formed as early as June or July; if sown in the open they make their appearance later in the summer. The plants continue to bloom far into the fall, and the flowers are beautiful in bouquets. For more sensitive than Helichrysum is Rhodanthe manglesii, an inhabitant of Australia. This flower is far more beautiful than Acroclinium also a native of Australia. In color they range from dark red to rose colored with a dark center (maculata) and white. Only under the glare of full sunlight do these flowers thrive if placed in a sandy, dry soil which must not lack a supply of humus. Then, too, the bed must be placed in a protected situation. The seeds are either sown in the hotbed or in seed-boxes. At the end of May all young seedlings are transplanted out-of-doors.
ROOKWOOD
POTTERY AND TILES
represent the conscientious efforts of a large force of artists and artisans toward an ideal. Call upon our agent in your locality or write to us direct.
THE ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio

An Invitation

TO MANY, the variety and the beauty of Di Salvo Importations are known, but it is not generally realized that the two entire buildings that comprise the Di Salvo galleries are given over to the display of these rare and beautiful objects of art and utility.

Visitors are Always Welcome

ANTIQUE FURNITURE
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WORKS OF ART
BRIC-A-BRAC
TAPESTRIES

CHARLES II WING CHAIR
covered with imported Walemcksky, center of seat and back in Point Petit. The proportion and coloring of this chair make it an excellent addition to any room of comfort and beauty.

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MADISON AVENUE AT 50TH STREET
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B. Altman & Company
Creators of Beautiful Homes

Architectural Interiors
Painting and Decorating
Paneled Rooms
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Draperies
Upholstery
Tapestries
Objects of Art
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FIFTH AVENUE : : MADISON AVENUE
THIRTY-FOURTH and THIRTY-FIFTH STS.
NEW YORK

This sideboard is from a new antique mahogany Georgian dining suite, built in a size suitable for a large room. The Prima Vera panels in old satinwood color are hand decorated after Pergalesi by Tobey graduate artists.

Send for brochure

The Tobey Furniture Company
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TRICO
RADIATOR FURNITURE

You will find this simple, graceful standard shield design very appropriate to bedrooms and other rooms where simplicity is the keynote.

Illustrating Square Rod Grille Design

ATTRACTIVE, artistic radiator covers will make your radiators what the fireplace was in other days—a beautiful giver of cheery warmth and comfort, the favorite spot of the whole family. In place of the bare, unpleasing radiator TRICO Art Metal Radiator Furniture provides a decorative console table (as here illustrated) or a cozy cushioned window seat; tasteful, distinctive articles of furniture that give the final touch of perfection to a charming room.

TRICO Art Metal Radiator Furniture protects your walls, ceilings and draperies from radiator dust and dirt, at the same time, through its patented humidifying principle, giving the moisture to the air that is so necessary to winter health.

TRICO is the only radiator cover that combines the strength, quality and beauty of good furniture with the health-giving properties of a humidifier.

If you will write us we will be very glad to send you our interesting booklet, "For Better Homes and Better Health." At the same time we will put you in touch with the TRICO dealer in your vicinity.

ART METAL RADIATOR COVER CO.
2267 Oakdale Avenue, CHICAGO, ILL.

SOME STAIRWAY STYLES

Of course, there is the grand staircase which exists for its own effectiveness while the rest of the house, architecturally speaking, waits upon its pleasure. You can tell from one glance at such a magnificent flight that no designer had to beat his brow in the course of its planning. Rooms were arranged to suit it, and no scheme which interfered with its stately progress was allowed to proceed.

That is one kind of stairway, but it is not the kind which you come across very often in the pages of House & Garden. Here, more often than otherwise, houses occur whose stairways must fit rather rigidly prescribed conditions; there must first of all be a certain number of rooms within certain limits of space and expense, and the connecting flights must meet those conditions rather than determine them.

However, that sort of planning makes interesting staircases—the kinds which have to curve and return and which therefore achieve gracefulness and propriety through ingenuity.

The ones shown on this page illustrate three distinct types. Above we have one of the most effective means of ascent obtainable in a small space: the curving stairway, a style susceptible to any amount of sinuous charm. The two early American examples below represent the formal methods. One, being of the South, is broad and leisurely; the other, from New England, rises quickly and with directness. Both, by the way, are noteworthy for their ornamental string pieces.

In this colonial staircase at Tulip Hill, South River, Ind., the paneling follows the line and design of the rail.

The curving stairway is capable of more grace than any other type—than almost any other architectural feature. In the home of Norman Twige, Local Valley, L. T. Howard Major, architect.
RARE and beautiful textiles from Italy, Spain, Portugal and France, China and Japan are among the richest of our collections. Designed and executed by artists and workmen steeped in the tradition and lore of their native countries, they reflect their distinctive character and charm.

Included are tapestries, needlepoint, brocades and velvets of all types and periods.

The Treasure House of European and Oriental Art.

ARE and beautiful textiles from Italy, Spain, Portugal and France, China and Japan are among the richest of our collections. Designed and executed by artists and workmen steeped in the tradition and lore of their native countries, they reflect their distinctive character and charm.

Included are tapestries, needlepoint, brocades and velvets of all types and periods.

The Treasure House of European and Oriental Art.

THE VOSE REPRODUCING GRAND PIANO brings into your home the art of the world's greatest pianists, with all their subtlety of touch and expression. Although the exquisite tone of the Vose is world-famous, the Vose price is moderate.

We Challenge Comparisons
Write for Floor Pattern and Easy Payment terms.

VOSE & SONS PIANO CO., 152 Boylston Street, Boston, Mass.

A Quaint and Rare Somma Reproduction

Queen Anne Love Seat in walnut, with duck-bill feet. Upholstered in Embroidered Linen.

You are cordially invited to visit the Somma Display Rooms, where you can make actual purchases through your own Decorator or Dealer.

All Somma Furniture is hand-made, reproducing the care of workmanship, as well as the beauty of design found in the best antique originals.
Profit by the Knowledge of the Hardware Merchant

The retail hardware merchant is a good man for you to know if you must foot the building bills. His store is a good place to visit before actual work starts. He can tell you many things to do and as many not to do concerning builders' hardware. Find the one who sells and commends McKinney hinges and let him share his wisdom with you. He can tell you the right kind of hinges and other hardware for every use in any room—what it ought to cost and the reasons why good hardware is a good investment—whether you build for a home or to sell. Don't guess at hardware costs. You wouldn't do that with lumber or plumbing.

McKinney Manufacturing Company
Pittsburgh, Pennsylvania

From the balconies the show was an amazing sight, not merely because of its brilliance, but because of the intelligent planning of A. D. Taylor, landscape architect, which produced the effective ensemble.

The Flower Show at Cleveland
March 29-April 6

The Sixth National Flower Show at Cleveland this year was the finest flower show ever held in America. Even when floor shows are held, from now on, this one will be still the most important. It will always mark the turning point. Any big flower show after this spring which neglects the lesson of the show at Cleveland will be a step backward.

The lesson was Cooperative Design. Heretofore there has been plenty of decent design, but it has been confined to individual exhibits. Good gardens and bad gardens have stood side by side, which made the good gardens seem better, of course, but made the bad gardens seem worse. The joint effect was scarcely fine. Also, when the good gardens have adjoined each other on a floor the effect of the whole has rarely been good because there has been no sense of harmony in the grouping.

The reason for this hit-or-miss method lay with the desire for keeping one's plans a secret until the moment of construction. (Prizes are awarded to those garden exhibits which are judged the best.) That reason, secrecy, is a perfectly sound one, but until this year at Cleveland it has been one of the factors working against the artistic success of flower shows as a whole.

The way it was solved at Cleveland was to put the physical planning of the show in the hands of a competent landscape architect, A. D. Taylor was chosen for this trying task. A plan for the floor space of the huge Public Auditorium was made which gave the layout of the areas that could be devoted to exhibits and the lines which would have to be kept open for aisles. The exhibition areas were divided into sections of proper sizes and shapes, and the sections were then chosen by, or allotted to, the various exhibitors. It was the privilege of each exhibitor then either to design his own space or

(Continued on page 170)
KAPOCK

For your Draperies,
Furniture, Walls—and wherever silky fabrics are used.

Not every woman is an expert interior decorator, but any woman can select KAPOCK. And KAPOCK alone will do more towards improving the appearance of a home, than probably any other single item. KAPOCK, with its exquisite texture, its marvelous design, its fairyland tones—its richness—can accomplish wonders, and at a moderate cost.

Remember, too, that KAPOCK’s double width permits of splitting. This plus its extreme durability, its sun and wash fast features, makes KAPOCK a most economical purchase.

Send for our new KAPOCK SKETCH BOOK, beautifully illustrated in color.

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It is about heating.
What, why and how to.
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A NATIONAL INSTITUTION

The facade of a small Dutch colonial house gave the architectural flavor to this dooryard garden, the exhibit of Daisy Hill Farm, whose planting and arrangement were handled with extraordinary fidelity to an actual scheme.

The Flower Show at Cleveland

(Continued from page 156)

have it designed for him by the landscape architect. If it were done in the former way it was necessary to have the design passed upon by the landscape architect. Thus it was possible for each garden exhibit to retain its individuality yet become an integral part of one great harmonious scheme. The purely floral exhibits, and the equipment exhibits, were, or might have been, handled in the same way.

The Public Auditorium, with its immense unbroken floor space offered an ideal exhibition site. From the general view on page 166 it will be seen how well the show was planned to fit the hall. The line of exhibits against the balconies on either side were of necessity quite narrow—hardly more than 17 feet deep—having been made so in order that the main lengthwise aisles might run directly from the entrance doorways. This narrowness, however, was scarcely noticeable, so cleverly was it concealed by careful planning.

In the large central sections the controlling hand of the landscape architect was able to limit the height of the tree and shrub masses, thus keeping this part of the pattern comparatively low in its general effect. The sides and back of the large stage at the end of the hall were covered with lilacs, azaleas, dogwoods and many other flowering shrubs. The facade of a small Dutch colonial house gave the architectural flavor to this dooryard garden, the exhibit of Daisy Hill Farm, whose planting and arrangement were handled with extraordinary fidelity to an actual scheme.

Lilacs, azaleas, dogwoods and many other flowering shrubs were massed about this garden of Carl Ilagcnburger to produce a luxuriant setting for its minor architecture and the figure.
THE CHARM OF CURTAIN BEAUTY

Here's an easy way to brighten up your home inexpensively. Renew curtains that are worn or shabby, then hang all curtains on Bluebird Rods. They give simple drapes new charm and beauty.

"Bluebirds" are economical rods of improved shape, finished in tarnish-proof Satin Gold or White Enamel. Single, double, triple, they fit all windows. Anyone can put them up with only a hammer.

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This feature does not hold with painted cloth. PEARL requires no painting. It resists rust, repels weather, and the petty annoyances that less durable wire cloth gives.

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In the new home — be free from heating troubles

Don't put up with the old discomforts in your new home. Day and night, month in and month out, the Minneapolis regulates your heating plant like a faithful janitor.

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SHAPCO SHIELDS will save your walls, draperies etc.

SHAPCO SHIELDS MADE IN MANY STYLES GLASS, MARBLE + METAL TOPS

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City
State
The exhibit of the Wayside Gardens, of Mentor, Ohio, won the A. S. L. A.'s Second Prize and was one of the most interesting and beautiful gardens in the show.

The Flower Show at Cleveland

(Continued from page 170)

A noteworthy detail in the planting schemes of the various individual garden exhibits was the fact that in almost every instance plants were shown in bloom which would naturally be blooming simultaneously. Practically every flower had been forced, of course, yet there were noticed but few combinations which wouldn't be found blossoming together in an actual garden. Thus a great deal of misleading information was avoided, and the innocent amateur was not tempted to put ideas into practice which would only mean disappointment.

Herefore the special stress in flower shows has been laid upon showing flowers, and while this will always be the raison d'être of flower shows, it is not enough. Nor is it enough that purely exhibitional gardens should be put together which could never be reproduced in any way in practical reality. Unless the display is an altogether floral one it should be given an authentic setting. People who visit flower shows go because they are interested in flowers and the innocent amateur was not tempted to put ideas into practice which would only mean disappointment.

The Florists' Review lists the garden award as follows:

A. S. L. A.'s Second Prize and was one of the most interesting and beautiful gardens in the show.

The prizes for a bulb garden covering 500 square feet were distributed among the displays of The Friedley Co., Cleveland, first prize; Withuhn's Flower Shop, Cleveland, second prize; Charles G. Reep, North Olmstead, O., third prize.

For the display of plants arranged as a rose garden, C. Merkel & Sons Co. received the first prize of $1,000 on the exhibit which was staged in the trade display hall on the lower floor.

In the class calling for a display of rose plants arranged for effect as a rose border, plans which would be considered splendid examples of garden design indoors or out, real or make believe.

A. S. L. A.'s Second Prize and was one of the most interesting and beautiful gardens in the show.

The exhibit of the Wayside Gardens, of Mentor, Ohio, won the A. S. L. A.'s Second Prize and was one of the most interesting and beautiful gardens in the show.

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For the display of plants arranged as a rose garden, C. Merkel & Sons Co. received the first prize of $1,000 on the exhibit which was staged in the trade display hall on the lower floor.

In the class calling for a display of rose plants arranged for effect as a rose border, the exhibits of 1,000 square feet laid out as gardens was divided among Knoble Bros., Cleveland; John Scheepers, Inc., New York; Daisy Hill Farm, Chagrin Falls, O.; C. Merkel & Sons, Mentor, O. and the Wayside Garden Co., Mentor, O. All five of the gardens were considered worthy of the additional award of a gold medal.

The gold medal of the Garden Club of America and the special cash prize of $50 were awarded for the garden of John Scheepers, Inc., the second prize of $225 going to Knoble Bros., Co. This was judged by a committee composed of three members of the A. S. L. A., consisting of W. L. Rock, Edward Sceer, and F. R. Pierson; three members of the American Society of Landscape Architects—Fernando Vitrail, Aubrey Tibaldi and J. Hugh Smith, and three members of the Garden Club of America—Mrs. Harold I. Pratt, Mrs. Robert Mallory and Mrs. William Andrew Lockwood.

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GARDEN ORNAMENTS

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THE FLOWER SHOW AT CLEVELAND

...covering 100 square feet, the first prize of $50 and a gold medal went to Daisy Hill Farm and the second prize of $20 went to Carl Hagenauer.

And after all, while Horticulture is the real thing of flower shows, it is only just that its necessary complement, Garden Design, should be coming into its own.

Not merely in the small way that has been the rapidly improving rule of flower shows for the past few years, but in the larger sense that it achieved for the first time at Cleveland, where it brought all the parts together and created a show where a not unpleasant chaos had existed before.

ON HOUSE & GARDEN'S BOOK SHELF


That an author so experienced in the subject and so careful can put forth un-revised and unchanged this fifth edition, is proof enough of the book's worth. She casually mentions her strain of Bunch Primroses developed by a system of seed selection carried on for more than thirty years. There is consolation for all gardeners who are dissatisfied with their efforts toward having a beautiful garden. In the small way that it has taken Miss Jekyll "half a life time merely to find out what is best worth doing and a good slice out of unwisely half to puzzle out the ways of doing it."

The object of the book is "to bring to hear upon the subject some consideration of common sense with sincerity of purpose, sense of beauty and artistic knowledge that can make plain ground and growing things into a year-long succession of living pictures." The devising of these pictures she thinks the "best thing to do in gardening", As to maintaining in a border a good color scheme she believes that the only way is to devote certain borders to certain times of the year, each border to be bright for one or three months. There can be a too extreme striving for color; a blue garden may be hungering for a group of white lilies, or for something of palest lemon-yellow, but it is not allowed to have it because it is called the Blue Garden; but the real business of the blue garden is to be beautiful first and then just as blue as may be consistent with its best possible beauty;—the juxtaposition of a rightly placed complementary color will make the blues more telling.

The nicest juxtaposition of complementary and harmonizing colors of flowers, along with appropriateness of form and habit of plants, is the book's keynote. Studies, most of them actually tried out, have been made for the various seasons and for borders of different types of flowering plants, including those of the woodland. The grouping of plants in pots is touched upon and the fruit garden planned for beauty likewise. Some of the combinations are of course not practical for climates different from that of the southern and central parts of England. The maintenance of some of the schemes requires close attention and would be costly, even on a smaller scale than that to which Miss Jekyll has been accustomed; she regards ten acres as but a small area for a bit of woodland and labels as a Plan for a Small Garden of China Asters one that calls for a space of fifty feet by
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Genuine French Willow
Best Grade

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Do not confuse Willowcraft (100 per cent wood) with Fiber Furniture, made of twisted paper.

If your dealer cannot show you Willowcraft, write for illustrated catalog.

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Tells how to enjoy complete satisfaction from Casement Windows

Brimful of helpful information about casement windows—tells how Monarch Casement Hardware assures perfect satisfaction from either in or outswinging casements. Gives many helpful hints on planning the new home. Sent free. Ask for "Casement Windows" when you write.

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MONARCH CASEMENT HARDWARE

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has no place in the present day world. The old method of hanging clothes on long lines meant the lugging of heavy baskets many miles during the year. With the Hill Champion Clothes Dryer the whole wash can be put on its 150 foot line without moving the basket once. The dryer can be taken in when not in use, leaving the clothes area free.

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Upson Fibre-Tile and Upson Board quickly build a cheerful, cleanable interior like that shown below—and at about 1/10th the cost of ceramic tile.

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Household Linen
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*Individuality at a really reasonable figure*

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A Beautiful Bedding Decorative

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We suggest early orders, however, for the present supply is limited.

Dreer's Garden Book

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HENRY A. DREER
May, 1924

Queen Anne Martin House
Made with 48 rooms for the beautiful martins who colonize. The martins devour mosquitoes! Scientific porch. Pure white and green trims. Of pine, copper roof. 22-foot easy raising pole, 36 X 26 X 37 inches. $60.00

Sexangular Flicker House
Places with trees should have these houses. The woodpecker family save millions of dollars in trees annually, destroying moths, ants and tree pests. Lovely design. Brown to match tree trunk. Norway pine. 26½ in. high. 12 in. wide. $7.00

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What! no bird houses about your grounds?

Put them up this season, friends, or your fine place may look as desolate as handsome walls devoid of pictures. Truly, Dodson Bird Houses have become fashionable. But why?

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Mr. Dodson is President of the American Audubon Association and a Devoted Friend of the Song Birds

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It's the
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Sows Seeds at a Touch!
Each Plant Comes Up Separately
NO WASTE OF SEED, TIME OR PLANTS

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HOW IT OPERATES
At the bottom of the seed-holder is a pear-shaped opening regulated by a spring, exposing an opening corresponding in size to that of the seed to be sown.

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H. G.
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Jacobsen 4-Acre Power Lawn Mower

A fast, efficient and economical mower that soon pays for itself in labor saved, because it cuts fully four acres a day on only one gallon of gas, four to five times greater capacity, and does better work. It can easily handle walks, drives, etc. without stopping. A feature not necessary to operate it. The sturdy motor not only runs cutting reel but propels the mower. You do not have to push or drag. Traction wheels operate independently of the cutting reel when necessary to travel over walks, roads, etc. A score of other interesting and superior features of Jacobsen 4-Acre Power Lawn Mowers are explained in the handsome free book. Write for it today.

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Carefully packed, crated and delivered to the express on receipt of the price.

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The Skinner Irrigation Co.
And So You Start Each Day

You can always count on starting each day with a bounty of flowers.
And at totally out of season times, fruits. Luscious, thin skinned, delicious, such as only can be grown in gardens under glass.
Always some crisp succulent vegetable.
Not the usual greenhouse, mind you, but your own garden under glass, just outside your window.
A goodly sized Glass Garden, the complete materials for which, we will sell you for so little as 1,650 dollars.
It is the first time since the war, that so large and complete a house has been sold for anything approaching the price.

Send for circular giving the full particulars

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Levick
To Mrs. L. Caspar Wister, of Wynnewood, Pa., went a first prize in the country home competition. Mrs. Wister's design included the desirable features of fruit trees, vegetable garden and included drying yard

Levick
A more compact dwelling-house group than that of Iowa State College was that of the Ambler School of Horticulture, executed by Miss P. H. Smith of Philadelphia

Levick
Mrs. C. Frederick Stout, of Ardmore, Pa., worked out this residential treatment. It was particularly interesting in its combination of enclosing walls hedge plantings
For Your Lawn and Garden
ALPHANO
Takes Place of MANURE
Odorless. Powdered. Rich. No weed seeds. Easy to use. Reasonable in price. Will make either sandy or clayey soils fertile. Not only a plant food, but nature’s natural soil builder. Sold with a guarantee that is a 100% refund. One hundred pound bags for so little as $5. Shipped direct from the deposits at Alphano, N. J.

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Solo Producers of Alphano Manure
Successor to
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Shipped direct from the deposits
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Sold with
as $5.
pound bags for so little
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plant
food, but
Not only
sandy or clayey soils ferti-
c. Weighs only 7
lbs.—
blades. Weighs only 7 1/2 lbs.—
can easily be handled by a
woman or child—silent in opera-
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or replaced by new ones at less
expense than necessary to
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mower. Drive wheels do not
grasp small stones that would injure the
blades. Weighs only 7 1/2 lbs.—
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For Your Lawn
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ALPHANO

For Your Lawn and Garden
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Montamower—The result of eight years of development is guaran-
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inch swath.

Beauty, Protection, Distinction

For town or country homes

Stewart's
IRON FENCES
STANDARD
OF THE WORLD

For gardens or lawns

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For town or country homes

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Enclosed find remittance of $18.00. Please send one
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Guaranteed to be as represented or money refunded.
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Comradeship of the Rose

ROSES! The very word is fragrant. It is a caress, a magic incantation. Exquisite memories lie in its gift. This live-spelled word, it is safe to say, endures more mental pictures of pure and enduring beauty than any other in the garden of speech. Life admits no word to more tender intimacies.

The rose reigns without a peer over the kingdom of flowers. In its myriad shades it rivals the seductive orchid; and above all, its exquisite fragrance gives us the enjoyment of another sense—the crowning feature, in which no other flower can compete with it.

Comradeship with the rose enriches life—it brings us into association with beauty—it surrounds us with delights beyond description by words.

This is the month, May 1 to 10, to spray your plants with a solution of nicotine or sulpho-
tobacco soap to act as a pre-
ventive against green-fly. Later in month apply weak manurc-
water to plants and spray again
to kill off the green-fly.

From "How to Grow Roses"

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Conrad Star Roses are faithful counselors
on each plant is guaranteed to bloom;
the only roses with such a guarantee.
A tag attached on each plant enables you
to know your roses and call them by name.

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Roses for every locality—and pur-
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different varieties in
natural colors—
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A Garden Full of Dahlias
For $3.50
New and Rare Exhibition Dahlias
Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of 12 Dahlia Tubers for $3.50—one each of 12 distinct varieties, not labeled, which if purchased separately according to name would cost not less than $10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past. Mail this advertisement, or present at our store, with Check, Money Order, Cash or Stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 1921 Spring Seed Annual sent on request

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Lawns Cut 80% Faster
No trouble now, to keep them beautiful
The ambition of every owner of a country home or estate is to have a wide-spreading lawn of velvety smoothness. It can't be cut with a hand mower—the work is hard and too slow—the help balks—rains make it extra difficult.

MILBRADT
Power Mower
Does the work in one-fifth the time and does it right. Cuts four to six acres a day. Your yard-man or chauffeur can keep your lawn in perfect condition at odd times. Easy to use—nothing to do but guide—trims close to edges. Sold under positive guarantee. Gives you the lawn you long to have.

Send for full details, prices and comprehensive illustrated booklet. "Lawns Like Velvet". Sent free without obligation.

Milbradt Mfg. Co.
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First Aid to Out-door Beauty
All season long—year after year—the improved DOUBLE ROTARY Sprinkler assures healthy, green lawns, gardens and shrubbery despite droughts and dry weather. Here is a real self-operating sprinkler! Water pressure causes the wheel to revolve, cutting water into fine particles—"like a gentle shower". Rotates in a perfect circle. Sprinkles evenly over a radius of 15 to 30 feet, according to water pressure.

The DOUBLE ROTARY is durably built of interchangeable parts; will last for years. Watering parts run in bath of oil. Standard hose connection. Needs no attention. Thousands in successful use by home owners, golf clubs, parks, etc.

Order on Approval. The DOUBLE ROTARY is sold Direct From Factory on a Satisfaction or Money Back Guarantee. Price $12.50 postpaid anywhere. Order from this ad on approval. If not perfectly satisfactory return sprinkler and your money will be refunded.

DOUBLE ROTARY SPRINKLER CO.
816 Coca Cola Bldg.
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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; further more 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 No. 1302 illustrated.

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May, 1924

Fiske galvanized wire arches
$13.00.
Made in stock sizes 18 inches wide,
and they span 4-foot walks.
They have heavy frames to ex­
tend into the ground for stability,
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They are made in halves and are
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Also, 30 inch arches for $15.00.

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ORNAMENTAL IRON WORK
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ESTABLISHED 1858

To harmonize with the Fiske woven wire
lawn fence we picture a beautiful woven wire
size of durable construction. We also make ornamental iron gates which
harmonize equally well with the woven wire fences.

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Walk
What could be more beautiful
than a flower-arched walk in
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charm and distinction to the
approach of a home.
Now is the time to select an
arch—a Fiske wire arch on which
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The Fiske wire arches are made
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after season and year after year.
Also don't forget other Fiske
Garden utilities—arbors, fan
trellises, etc.—which Fiske also
makes rust and weather proof.
Send for catalog 15.

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Again
Time to acquaint yourself with the
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Bird baths in original designs, benches,
the quaint charm of sun-dials—we
have a complete line of garden acces­
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can impart. Fashioned of beautiful
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Be Ready
for the birds
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Price $1.00
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This bird house is artistic and built on scientific principles—it looks like
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With the understanding that you will refund my money if for any reason I wish to
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ItoS Acri developed our own power plant and built it complete in our own factory for power service. We did not assemble. Their cutting units are made complete for the lawn mower use. All vital parts are Ideal parts.

Behind it is responsibility and service of the world's biggest and oldest manufacturer of power Lawn car. This means that the Ideal is not an orphan. It is the durable and most economical grass cutting equipment made.

Ideal Power Lawn Mowers are manufactured—not assembled. Their cutting units are made complete for power service. We did not assemble. Their cutting units are made complete for the lawn mower use. All vital parts are Ideal parts.

Behind it is responsibility and service of the world's biggest and oldest manufacturer of power Lawn car. It means that the Ideal is not an orphan.

and that he himself is a good, avenige. Thus you are enabled to select him with special reference to your own situation.

Again, the chances for the outcropping of undesirable qualities such as treacherous, cowardice and the like will be minimized. A true lady or gentleman is not prone to such social faults—and a thoroughbred dog is just a canine counterpart of that estimable human individual.

92:

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"JUNIOR"
3 to 6 Acres
Daily

"30-INC"!
5 to 8 Acres
Daily

WHY A WELL BRED DOG IS THE BEST
ROBERT S. LEMMON

CONSIDERING that he has been a companion and helper of mankind for probably as long as any four-footed animal, the dog in America today is handled by an astonishing number of misapprehensions on the part of the general public. Even among those who own dogs there frequently exists only the most rudimentary knowledge of the simple principles of feeding and general care. As for the finer points—the varying characteristics of the different breeds, the ailments which should be guarded against, the methods of training which will make for the greater satisfaction of owner and dog alike—they are as a closed book to many well intentioned and intelligent people. Even the superior merit of a well-bred dog over a mongrel, as a general family companion and friend, is too seldom appreciated.

"But the best little dog I ever knew was just a gutter pup," someone argues. Very true—but he was the exception, not the rule. In him you saw, unrealized, the survival of the finest theory in its actual working out. Of that prodigal pup's brothers and sisters, perhaps six never rose above the lower strata of mediocrity.

PEDIGREE ADVANTAGES

It is an old and true axiom that blood will tell, whether it is in the veins of man, horse or dog. One looks to the thoroughbred for the finest courtesy, the greatest speed, the most loyal devotion. In the well-born one finds, as a rule, the highest and most desirable type of intelligence appearing with the greatest frequency. Among such the percentage of successes is the highest, in any given number is the same.

Good breeding does not, in this connection, necessarily imply a dog that is smart, foolish, and himself a good, average, typical specimen of his particular breed. With such a dog, you can be practically certain that his puppy will exhibit the special traits which have already attached you to his breed—persistence, courage, gentleness with children, trustworthiness, or whatever you will. These you are enabled to select him for, with special reference to your own situation.

Again, the chances for the outcropping of undesirable qualities such as treacherous, cowardice and the like will be minimized. A true lady or gentleman is not prone to such social faults—and a thoroughbred dog is just a canine counterpart of that estimable human individual.

Still another advantage is the fact that the well-bred dog has usually received intelligent care from earliest puppyhood, and is therefore likely to be in good condition when he comes into your hands. As a rule, too, he is well formed and possesses a sound constitution, as his parents were selected with definite thought for the qualities they would transmit.

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Garden Pottery of Quality
—and of Exquisite Beauty

How often it is admired! And how genuine the admiration! For no lawn is too small—or garden too large—not to have its beauty enhanced by Wheatley Garden Pottery. We manufacture in all sizes charming designs of Bird Baths, Fountains, Jardinieres, Boxes, etc. A complete illustrated catalogue will be gladly sent free on request.

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The Wheatley Pottery Company
4617 Eastern Ave.
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Richardson Wright's
New Book will become the standard for all lovers of gardens and flowers

It is the Essence of Flower Lore and Practice

PAGE FENCE & WIRE PRODUCTS ASSN.
9 COLOR PLATES
165 DOUBLETON ILLUSTRATIONS
At All Bookstores

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New Book will become the standard for all lovers of gardens and flowers

It is the Essence of Flower Lore and Practice

What is Beyond this Screen?
WHO WOULD IMAGINE that there is a busy highway just beyond the confines of this lawn? All year through, in Winter as well as in Summer, Evergreens give it an enviable seclusion. There is a richness and luxuriance in such a planting that is peculiar to Evergreens.
Clusters or individual specimens of Evergreens will give to your lawn this same covered charm. Planting can be done in May. Varieties especially adapted are

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- Douglas Spruce
- Jeune's Fir
- Canadian Hemlock
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Ask for our complete, illustrated catalogue H. You will find it helpful in selecting and arranging your own screen planting for it describes and prices these and many other plants.

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THE WM. H. MOON CO.
MORRISVILLE, PENNSYLVANIA
which is 1 mile from Trenton, N.J.
By Acting Now
You Make Sure Of Getting
Top Notch Bulbs At Best Prices

THE real cream of Holland's finest varieties of
plum, flower filled bulbs, are practically all sold in
the early summer.
Later importations are more or less the left overs. In spite of
which, the prices are from 10 to 20 percent higher.
That's why we suggest your surely ordering your bulbs as soon
as possible, so we can include them in our early importation
order.
Send for our new bulb catalog.
And at once make your selections.
Deliveries will be made along in September for the usual
October planting.

Better Bulbs—by Farr

Let your garden show by its dazzling color that spring has
come. Fill every nook with the brilliant blue, red, and yellow
of the spring flowering bulbs. Plan now for next year's
bloom. A choice assortment will be found in

1924 Sunrise Collection

25 Mixed, assorted varieties $2.50
50 Single Early Tulips, assorted 2.00
50 Darwin Tulips, assorted 2.50
50 Gladioli, assorted 2.50
20 Hyacinths, assorted 1.60
200 Crocuses, named varieties 2.50

Order now—pay for them when they come.

My Bulb Catalogue lists and describes the more desirable bulbs.
Send for a copy, ask for Better Bulbs by Farr.

BERTRAND H. FARR—Wyomissing Nurseries Company
186 Garfield Avenue
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Improve and Beautify
Your Lawn

by using a "Clean Edge" Trimmer
on the borders and edges

A TIME and LABOR SAVER—
WORKS LIKE A SHEAR
Trims around trees, shrubbery, walks, and
dges. No cutting of turf or preparation
of any kind required. A necessity on even
the smallest lawns.

Price $9.50
(Satisfaction guaranteed)
The Heimann Trimmer Co.
Urbana, Ohio

Look for LOTOL
on Your Dealer's Counter:

LUCKY indeed, is the gardener who has among other garden
preparations, a well-stocked shelf of sprays and insecticides. He
is doubly lucky to be the man whose garden three years since
has been protected from the ravages of aphids by the
invaluable LOTOL spray.

LOTOL Kills Plant Lice

This complete, concentrated contact insecticide in jelly form
fits the garden of all those well-loved vegetables and plants that
make the plants' life blood. Just squeeze a teaspoonful of LOTOL
into a gallon of water and spray your lawn or border
solution to destroy of the 200 odd species of Aphids or Plant Lice.

LOTOL is effective against a wide range of insects including
aphids, scale insects, thrips, and certain mites. It is
especially effective against aphids, which are responsible for
several common garden pests.

GARDEN CHEMICAL CO.
Sole Manufacturers of LOTOL
and MELROSINE
Park Ave. and 146th St., New York, N. Y.
A Garden of 50 Gorgeous Roses $5.00

Wonderful offer for Rose-lovers. You can have real ones like the picture rose for a reasonable amount of money. All strong growers; many colors; richly fragrant.

50 One-Year Roses $5.00
MONTHLY BLOOMERS

No words of praise can adequately convey the extreme beauty of this glorious collection of fifty selected roses. The vigorous, healthy growth, profuse

20 Two-Year Roses $5.00
MONTHLY BLOOMERS

The best bloomers for the garden are included in this collection. Plants are of good size and offer unusual value, having been selected from the finest of roses grown in Europe and America. They embrace all colors, will bloom all summer, and all will be found highly desirable.

10 Three-Year Size Roses $5.00
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In this collection we have grouped together 10 of the finest Hybrid Tea Garden Roses of the three-year size for summer blooming. Not only does the collection represent all colors known in roses, but shows many beautiful shades and color combinations not found in the ordinary varieties.

The collection is of superior merit and especially adapted to our climatic conditions. Each is a perfect gem in its particular color and form.

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At Last, a Moderate Priced Sunshine Shop

WHEN we say moderate, we mean the kind of moderate you mean.
The truth of the matter is, there just isn't another such snug little greenhouse built today.
Send for the Sunshine Shop Circular and see for

A Bird Bath Completes the Garden

A BIRD new interest to your favorite spot and bringing the birds with their
cheery notes.
The beauty of the garden sun
room or home is enhanced by pieces of Galloway high
fired Terra-Cottas. Bird Baths, Vases and shapely Jars, Flower
Pots, Boxes, Fonts, Sun Dials, Gazing Globes, Benches.
In all, over 300 numbers are illustrated in our catalogue, which will be sent upon receipt of 20 cents in stamps.

A Real Power Grass Cutter

The Moto-Mower will keep your lawn looking its best. In tight places or out in the open it gives the
same uniform workman
like performance. It is fast, practical and economical for both large and small areas.
The Moto-Mower is sturdy, compact and fool-proof—anyone can operate it with ease.

Hitchings Company
Home Office and Factory, Elizabeth, N. J.
New York Philadelphia Boston having
Empire Building 294 Washington St. 13th & Walnut Sts.

A Garden of 50 Gorgeous Roses $5.00

May, 1924

Galloway Pottery

Galloway Terra-Cotta Company
3218 Walnut Street-Philadelphia
Established 1810

A Real Power Grass Cutter

The Moto-Mower Co.
3347 E. Woodbridge St.
Detroit. Michigan

Used on the
lawns of the
State Capitol,
Salt Lake
City, Utah.
Spray your plants with DY-SECT. It kills the Rose-Bug, Aster Beetle, Aphids and most plant pests without harming the tenderest bud. Simply add water and spray.
The insects now eating your plants come from the soil. Saturate the top soil with DY-SECT diluted 150 to 1 and kill them before they come out. The larvae are soft—easy and economical to kill.

Send for our descriptive leaflet or the name of the nearest DY-SECT dealer.

A new way to irrigate—

'BRECK’S IRRIGATOR—a new watering device that will do whatever you ask of it in the way of sprinkling or irrigating. Its fifty feet of flexible hose, fitted with spray nozzles, waters any area on your grounds thoroughly within a minimum of labor.

It can be transferred easily from one place to another. It lies perfectly straight along a hedge, or coils itself around a flower bed. In one or more lengths it makes an admirable watering system for golf greens—no moving parts to get out of order. And it can be rolled up just like a piece of hose and put away.

Fifty-foot length sent upon receipt of $15.00—prepaid east of the Mississippi; sent express collect west of the Mississippi. Sold also through 360 Breck Stores in New England.

Send for descriptive circular G
"90 PER CENT OF ALL NEW MACHINERY"
JOSEPH BRECK & SONS
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WORLD’S BEST DAHLIAS

100 acres of them. We are the largest Dahlia growers in the World. An enviable position made possible only by the appreciation of our superior stock by satisfied customers.

Our Catalogue tells the plain truth about our very best new creations and standard varieties. Beautifully illustrated. Eight pages in natural colors.

Write to-day for free copy

PEACOCK DAHLIA FARMS, INC.
P. O. Berlin
New Jersey

TROPICAL WATER LILIES

In Bloom Day or Night

Tender Water Lilies are divided into two groups—Day bloomers and Night bloomers. Day bloomers, 6 to 7 inch heavy duty, steel mower cuts 3½ acre per hour. A decided time saver on large lawns, golf links, cemeteries, City Parks, etc.

Write for Catalogue

AMERICAN FARM MACHINE CO.
2991 University Avenue S. E.
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And It Does More!

Though primarily recognized as the chief exterminator agent for Rose Bugs, Melrosine’s good work goes much further. It kills that difficult pest, the black Aster Beetle (Blister Beetle) and of course, Potato Bugs, Striped Cucumber Beetle, etc., in short it is:

Fatal To Every Bug It Touches

Besides making short work of Bugs, Melrosine is a combined cleansing and disinfecting agent. It opposes many forces detrimental to vegetation, for by keeping the plants in healthy condition it enables them to resist disease. Melrosine, being a perfect contact Insecticide, naturally also disposes easily of all soft-bodied insects.

Ask Your Dealer For It

Be sure to ask particularly for Melrosine! It is sold by leading horticultural supply stores. If your dealer cannot supply it, trial can will be mailed on receipt of 60 cents. Descriptive folder on request.

The GARDEN CHEMICAL CO.

Sole Manufacturers of Melrosine & Lotol

Park Ave. and 146th St., New York, N.Y.

Afco Fences

The New STAYTITE Handle

Identifies P.Q. Lawn Mowers

The new STAYTITE Handle, on all Pennsylvania Quality Mowers, makes them easy to identify.

Two bolts on the handle bars take up any play due to shrinkage of wood.

Sent for folder: “The Care of Your Lawn”

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Lawn Mower Works
1637 North 23rd Street
Philadelphia

Pulverized Sheep Manure
Best for Lawns and Gardens

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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You Can Give Your Garden Added Charm

if you include in it examples of our Concrete Granite sun-dials, fountains, bird baths, benches, flower pots and boxes, etc. They are new and artistic in design, guaranteed not to check in any kind of weather, and the bench seats are smooth marble.

Write for literature and prices.

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SAVO All-year-around STEEL FLOWER and PLANT BOX
For Windows, Porches, Ledges, Sun Parlors, etc.

You can move SAVO BOXES indoors or out and have beautiful, thriving flowers and plants the year around. Perfect AIR circulation and drainage. Aluminum or Dark Green Enamel finish. SAVO Boxes have many exclusive points of superiority—they cannot be compared with ordinary cheaply-made metal boxes.

Write for FREE catalog

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And in June, the—

A Garden...

...the loveliness of summer...tranquil pools and the music of birds...the poetry of color and designs centuries old...You can see gardens from everywhere, feel their romance and beauty, then make your very own the most lovely of them all.

Garden Furnishing Number of House & Garden

This issue is about summer time—with you in your garden. It's a delightful number...The lead article is about Formal Gardens. An important subject interestingly treated! Then Trellises. Very descriptive! Sun Dials. Mediaeval—modern—artistic—romantic Designs for Summer Houses. Large—small—novel—picturesque!...Some Colonial Gardens...And, in three pages, an intimate tour through the beautiful garden of a sculptor, the late Augustus St. Gaudens.

Then, there's a lot of practical information in Durant's interesting essay on Native Plants for Your Home Flower Garden...And "Chinese" Wilson, who is so entertaining, tells things you never heard before about Wild Roses—and how to tame them.

You've seen John Held's famous iron cut-outs, haven't you? "Yes", or "No", his two pages of curious little silhouette figures—illustrating the names of estates—will charm you.

Building sites are discussed—the four types of them for suburban homes—and the style of home to build on each...Next—two lovely houses, one from Atlanta, the other from Richmond...Then a paper on Baxter Prints, a portfolio of Interiors, and a short practical treatise on Electric Cooking...These will give you some ideas for indoors.

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A marvel for hedge trimming
"LITTLE WONDER"
TRADE MARK REG. U.S. PAT. OFF.
HEDGE TRIMMER
operates either by hand or by electric power

This new modern device saves time, labor and cost. Trims any shape hedge better, and 10 times faster than old hand-shears method. Adjustable to hedges of any height. Thousands now in use and hundreds of testimonials to prove its superiority.

Three sizes: 30 inch; 40 inch and 60 inch blades. $20 up. Special attachment for lawn clipping $15 extra.

If your dealer cannot supply you, we will ship direct. Please give dealers name. Agents wanted.

Write for descriptive circular and testimonials.

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A marvell for hedge trimming
"LITTLE WONDER"
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HEDGE TRIMMER
operates either by hand or by electric power

This new modern device saves time, labor and cost. Trims any shape hedge better, and 10 times faster than old hand-shears method. Adjustable to hedges of any height. Thousands now in use and hundreds of testimonials to prove its superiority.

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Why Bugs Leave Home

WILSON'S "O. K." PLANT SPRAY
The Insecticide Supreme

"Used exclusively on such well-kept estates as those of Mrs. Harold L. Pratt, Secretary of The Garden Club of America; Mrs. John A. Stewart, Jr., Vice-President of The Garden Club of America; Mrs. Walter P. Bliss and many others."

Controls Box Mite, Lace Fly on Rhododendrons, Azalea Beetle, Thrip, Leaf Hopper, etc.

Prices:
- 1 Gallon $3.00
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If you have a bit o' lawn or garden space send for the Norristone Book of Garden Decorations, with pictures and prices.

Norristone is cut-cast granite, beautiful and enduring—used extensively in exterior and interior decoration of banks and public buildings.

The economy of Norristone Art is indicated by the $15 price of the Bird Bath and Pedestal of graceful design illustrated—standing the height of a table.

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The care that you take of your lawn early in the season is reflected in its finish later on. A gentle rolling with each cutting firmly imbeds the earth around the roots of the grass plants, thereby assuring a smooth, even surface and a healthy growth.

Coldwell's Model "L" Motor Lawn Mower and Roller mows and rolls simultaneously four to six acres a day on one gallon of gasoline. Efficient in every detail, economical, simple to operate, extremely flexible and ever dependable.

Let us arrange to have our nearest dealer demonstrate on your lawn at no expense. See what hidden beauty the Coldwell Model "L" will bring out in your lawn this year.

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HAND, HORSE, MOTOR AND GANG MOWERS

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You would not hesitate to have asters or sweet peas in your garden. Water Lilies are every bit as successful and far more novel and beautiful.

Hardy varieties can be shipped and planted in May; tender varieties in June. If you select the right kinds (see my catalog) you can have both day and night bloomers.

Tricker's Water Lily Booklet will help you to select desirable varieties, tells how to care for them, given directions for making a pool, with other valuable hints on water gardening. Send for booklet.

WILLIAM TRICKER
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Model "L"
MOTOR LAWN MOWER and ROLLER

Hand, Horse, Motor and Gang Mowers

Add Grace to the Garden and Luxury to the Lawn

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Tricker's Water Lily Booklet will help you to select desirable varieties, tells how to care for them, given directions for making a pool, with other valuable hints on water gardening. Send for booklet.

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in the good work
it does

Nothing else will do the work of Sani-Flush. It cleans toilet bowls without scouring. Requires no scrubbing.

Simply sprinkle Sani-Flush into the bowl, follow directions on the can, and flush. The porcelain shines. The scrubbing is eliminated, made sanitary. Sani-Flush destroys all odors. It will not harm plumbing connections. Always keep a can handy in the bathroom.

If not at your grocery, drug or hardware store, send 25c for a booklet on its use.

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What About Your Porch this Year?

AEROLUX Ventilating Porch Shades will convert at very little cost any existing porch to a happy outdoor living room, giving complete protection from the sun’s glare, yet admitting a constant supply of fresh air from outside.

Live in the pleasant summer heat, sleep and entertain there in the comfort and seclusion afforded by these beautiful shades. Anderson exclusive “Home-style” and adjustable “No-Whip” design make it possible to hang these shades in a 3-inch or 2-inch wide sections. The porch will be more comfortable, more attractive, and less subject to the weather than when hung they cannot whip in the wind.

Several different styles are available, each with its own charm and advantage.

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WOVEN WOOD FENCE

Particularly adapted to shutting out the noise and dust of a highway; to screening Laundry and Service Yards, chicken runs, or for eliminating objectionable views. It is invaluable where privacy is desired, giving all the seclusion of a garden wall, at a fraction of the cost.

Made of live chestnut splints, woven together with wire, and fastened on the back with horizontal wood strips, in sections 5 ft. long, every 3 ft. high. Furnished 6 ft. & 9 ft., and 4 ft. & 11 in. high.

Write for illustrated booklet.
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Olde Stonefield
Flagging and Stepping Stones

Interesting shapes and choice colorings. Send for Booklet No. 27.

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A Genuine KEWANEE
Water Supply System

NOW $140

The No. 110 KEWANEE "Bungalow Model" costs no more than many water supply systems that try to imitate it. And KEWANEE, the original pressure water supply system, is backed by a quarter century of experience in building and installing private utilities for water supply, electric light and sewage disposal.

The famous KEWANEE line includes over 200 sizes and combinations of private systems—of capacities from cottage to bungalow up to the largest estate or country club. It costs about two cents a day to operate the No. 110 "Bungalow Model" KEWANEE. Write for circular.

KEWANEE PRIVATE UTILITIES CO.
401 S. Franklin St., Kewanee, III.

Hang Your Shoes on a
Neatway Closet Shoe-Rack

Fits on inside of closet door. When the door is closed, your shoes are out of sight—kept from being stepped on. Does away with picking up shoes when sweeping. Takes up no extra room.

Get a set today for each of your closet doors.

At Your Dealer's or mailed postpaid:
Black Enamel, Nickel or Brass: set of three, $1.50; pair, $1.00; one, 75c.
Hand Painted floral designs on black enamel: set of three, $2.00; pair, $1.50; one, $1.00.

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Away With The Cesspool!
Secure all the sanitary comforts of a city building by installing an Aten Sewage Disposal System

Over 10,000 in successful operation

For Homes, Schools, Clubs, Hospitals, Factories

Lowest cost and most convenient. Installs in the same amount of time as a cesspool. The waste leaves on the ground. Aten Sewage Disposal System is easily installed without expert engineering service or experienced supervision in the field. Has nothing to get out of order.

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