One Touch of Animation Enlivens the Whole Room

By CHAMBERLIN DODDS
Distinguished New York Decorator

ALIVABLE room must live. It must have the elusive quality of pulsing personality. The furnishings may be tasteful, the curtains appropriate, and the color scheme above reproach. But to impart breath to the room, nothing can take the place of a well-chosen clock. Through its mechanism and sounding device a clock is animate and articulate—qualities that help to make the whole room live.

There are make-shift clocks, badly designed and cheaply constructed. But fortunately there are also Seth Thomas clocks—proof that the spirit of craftsmanship still lives in America.

The New England designers have recaptured the very essence of Elizabethan and Colonial feeling, have imprisoned in clock-cases the best of every period. The various motifs are expressed in cabinet work as fine as anything being done in Old World ateliers.

Whatever the size of the room you wish to enliven, whatever its dominant theme, there is a Seth Thomas that will add immeasurably to its charm. Today leading decorators are counseling their clients to employ these clocks as the modern, correct note for all interiors.

Since Seth Thomas clock movements have been proverbially accurate for more than a century, you may be sure that your selection will be useful as well as beautiful.

This is a season of weddings, anniversaries and birthdays. Again the eternal problem of what to give obtrudes itself. You can settle the question quickly and gracefully by selecting a Seth Thomas Clock. Here is the one gift that always gives pleasure, that always manifests the taste and thoughtfulness of the giver. The recipients already know and respect what Seth Thomas means, and will treasure the clock you give accordingly. No home can have too many clocks; you need not fear duplication.

Best of all, you will know that you have contributed a touch of animation and beauty to the surroundings of your friends.

Seth Thomas BOUDOIR CLOCK No. 1—A dainty model in two-tone wood with gold dial. 7½ inches high. Swinging frame. Eight-day movement, $17.

Seth Thomas CHIME No. 74—A splendid example of clock craftsmanship. Finest mahogany case. Convex silvered dial with raised bronze numerals. Stop wound movement chimers the quarter-hours and strikes the hours with silvery melody. Height, 10 inches; base, 20½ inches, $85.

Seth Thomas FRONTENAC—Inspired by an old French design. The large dial makes it appropriate for spacious rooms. Eight-day movement in 12 inch mahogany case. Mellow toned strike. Silvered dial with raised bronze numerals, $43.

Seth Thomas CHIME No. 74—A splendid example of clock craftsmanship. Finest mahogany case. Convex silvered dial with raised bronze numerals. Stop wound movement chimers the quarter-hours and strikes the hours with silvery melody. Height, 10 inches; base, 20½ inches, $85.
Stucco Walls of Greater Strength

Strength to resist the ravages of time and the elements in addition to rare beauty of design and finish will be yours when your home is built of Bishopric Stucco over Bishopric Base.

The ideal background for Bishopric Stucco is afforded by the water-proof, sound-proof Bishopric Base. Your home is kept at an even temperature, cool in summer and warm in winter and your fuel bills are greatly reduced. Bishopric Base with its dove-tailed, interlocking construction firmly holds the stucco in place, making a solid, indestructible wall which will last for generations.

Bishopric Stucco must not be confused with the ordinary stuccos sold today. Thoroughly waterproof, it has enormous strength and resisting qualities which are absolutely necessary for the long life of your home. Bishopric Stucco is not merely just strong enough, but has a reserve strength, a margin of safety, which you know is there in case of emergency.

The architectural beauty of your home and its surroundings can be greatly enhanced by the use of the many attractive colors and finishes Bishopric Stucco affords. Permanency, beauty and comfort are yours when your home is built with Bishopric. The name Bishopric is your guarantee of satisfaction.

Bishopric is Sold by Dealers Everywhere

BOOKLET—Send for Illustrated Booklet "Bishopric For All Time and Clime"—It is yours for the asking.

PORTFOLIO OF PLANS—We have prepared for you many interesting house plans by several of the leading architects. This will be sent to you on receipt of twenty-five cents, coin or stamps.

"A Complete Wall Unit for all Time and Clime"
Balloon Cords mean extra cushioning

Balloon is an apt name for broad-gauge, low-air pressure tires because it implies the cushioning use of the air.

Air is nature’s best cushion, and the lower the pressure, the better the cushion.

With their low-air pressure, Goodrich Balloon Cords give the motorist the betterment—the new ease and pleasure—he is always seeking.

It is a special, de luxe service in tires.

Just as riding in a parlor car is more comfortable than riding in a day coach, so riding on Balloon Cords is more comfortable than riding on high-air pressure tires.

Once Goodrich Balloon Cords are on a car, driver and passengers know a positive improvement. It is seen and felt in driving, maintaining, and enjoying the car.

Call on a Goodrich Dealer, and ask him to tell you the latest facts and suggestions on Goodrich Balloon Cords.

THE B. F. GOODRICH RUBBER CO.
Akron, Ohio

In Canada:
The B. F. Goodrich Rubber Company, Limited, Toronto

The Goodrich “55” tire is made full size to meet the wishes of the discriminating owner of a light car.
To inspect a Studebaker is to recognize, instantly, that here are expressed the ideals of women in personal transportation—an interpretation based upon generations of meeting precisely and properly the wishes of the cultured.

The lines are simple, yet debonair; the luxury obvious, yet repressed to the dignity of good form.

The accessories are many and unusual—nothing has been omitted. For Studebaker shops the world to meet the every whim and fancy of the moment.

Famous Coachwork

The coachwork is expressive of the 72-year Studebaker tradition in fine vehicle making—the achievement of a city of coachmakers, where, in the great Studebaker body plants, fathers and sons and grandfathers work side by side in attaining that which admits no comparison.

Since the days of early America, the world has looked to Studebaker for fine carriages. No other body maker has the Studebaker experience. No other the Studebaker traditions to inspire him. Isn't it fair, then, to assume that Studebaker today offers the ultimate in a fine car? And that purchasing any car without seeing Studebaker is unwise?

Low price is the only contrasting feature of a Studebaker.

By producing 150,000 quality cars yearly—the world's largest quality production—Studebaker effects important economies in manufacture, which are reflected in Studebaker prices.

Remember that fine materials and fine workmanship are all that any manufacturer can embody in his car, regardless of the price you are asked to pay. And that these, plus a 72-year reputation for fine vehicle making, are in every Studebaker.

Pay more, but you can get no finer mechanism, no more dependable and distinguished car than Studebaker.

Do you know why some cars rattle at 20,000 miles, others not? Do you know that one single point in an automobile shows instantly whether you're getting the top, or just medium quality?

Send for the Book

Do you know that five simple questions will almost infallibly guide you to a car's true worth—any car's?

Studebaker doesn't claim to make the "only" good car. But the woman who reads our book, "Why You Cannot Judge Value By Price," will get more for her money in any car she buys, Studebaker or a rival. The book is free—clip the coupon below.

Light-Six

SPECIAL-SIX

BIG-SIX

All prices f.o.b. U.S. factories and subject to change without notice

THE WORLD'S LARGEST PRODUCER OF QUALITY AUTOMOBILES

MAIL FOR FREE BOOK

STUDEBAKER, South Bend, Indiana
Send me your book, "Why You Cannot Judge Value By Price."
Warmth and Comfort are two words that mean the same thing in cold weather. No one knows this better than the man who builds a good house and makes the mistake of equipping it with an inferior heating system.

For the plain truth is this. The finest house in the land is little more than a barn if it cannot be made warm and cheerful.

In planning your new home, be sure that it will be liveable in Winter as well as Summer. For thirty years Capitol Boilers have meant absolute certainty in efficient house heating. They have never failed an owner. They cannot fail you.

Go to your Heating Contractor. Let him confirm these facts. Then remember that we will gladly share the responsibility of your investment.
Indiana Limestone Easily Distinguishable from Substitutes

To home builders who have that finer appreciation of whatever is genuine as distinguished from whatever is imitation, Indiana Limestone makes a prompt and instinctive appeal, for this natural building stone possesses a beautiful texture and variety of color-tones that make it easily distinguishable from imitation materials.

It also possesses all of the structural features that make it the most suitable material for the exterior of a home. Its remarkable weathering qualities and the fact that it will last for generations without deterioration commend Indiana Limestone to the use of foresighted builders. They will perceive in it not only the mere surface qualities of loveliness of texture and color, but also those inherent sturdier qualities of durability and permanence that are characteristic of whatever is real and genuine.

Build The Nation Securely With

The Nation's Building Stone
Illumination—promise or proof?

COMFORTING is the assurance that, with the Lightolier lamp or fixture which you buy, you will have real interpretation of beauty and at the same time illumination that is technically correct. This is highly important.

For, in the fine old Lightolier galleries, you may actually see the definite proof of Lightolier illumination. Here you will find specialist salesmen, equipped with a technical knowledge of home lighting, to guide your selection with a full appreciation of your particular needs. Thus your choice will be based on the requirements of beautiful design, appropriately harmonized decoration and low cost.

You see first presented here decorative illumination’s latest innovations.

Proper illumination may increase many-fold the actual value of your home. And when you make your selection from Lightolier’s enormous and widely varied stocks of fixtures and lamps you may be sure that proper illumination will be an inherent part of your purchase.

A post card addressed to Department K will bring you a free portfolio of correctly illuminated interiors, replete with helpful suggestions—and the name of your nearest dealer.

After Sunset
Lightolier
ILLUMINATION
569 Broadway
at Prince St.
New York City
THE new 6th floor has many noteworthy features in contents and accommodations. The grouping of all the decorative home furnishings departments is the keynote of the plan. The whole forms a definitely related unit—yet each section has been kept distinct. Draperies and Upholsteries are alone in the Center and New West Buildings. Floor Coverings are in a vast open section on the Broadway side. Mirrors and pictures have their own spacious galleries. Lamps and clocks each form a separate unit. Art Objects and the Far East Department preserve the rather secluded atmosphere which is so decidedly their own. If you desire advice in Home Furnishing, the Bureau of Interior Decoration offers expert planning and consultation. Our experts will plan a complete home or a room—or advise you on the selection of an individual piece. Thus the Bureau co-ordinates the different sections of the floor. The new 6th Floor is indeed a place of beauty, service and comfort, and there has been preserved the traditional Macy policy of lowest-in-the-city prices.
IN LAST MONTH'S magazines we dwelt upon the inherent beauty of "figured" Mahogany which, in itself, gives the wood such rare decorative value. Mahogany is equally adaptable where carving or other ornate treatment is desired.

Genuine Mahogany, because of its even texture, its stability, and its durability and permanence is admirably adapted to carving and elaborate decoration. Hence for generations it has been the favorite medium of the master wood-worker and cabinetmaker.

Importations of Mahogany are constant, maintaining a supply adequate for all purposes.

BE SURE IT IS MAHOGANY

MAHOGANY ASSOCIATION, Inc.
1135 Broadway       New York

A NATIONAL ORGANIZATION of MAHOGANY PRODUCERS
Each Design a Masterpiece

The pre-eminent beauty of Wedgwood ware is due in no slight degree to the fact that Josiah Wedgwood, himself an artist, was the first potter to employ in the designing of his pottery artists of national repute. Wedgwood designs endure, therefore, because of their true, artistic merit. This is particularly true of Embossed Queensware.

Although this beautiful ware may be had in the complete dinner service, its highly decorative quality, and the fact that it harmonizes perfectly with almost any color scheme, make it very popular in the individual piece. The embossed decoration—put on by hand as in the time of Josiah Wedgwood—is of a delicate blue or, if preferred, cream. The body of the ware is a rich cream color. Each piece is exquisitely modeled.

Embosed Queensware is most appropriate and desirable for wedding or anniversary gifts.

Our illustrated booklet "C" will be sent upon request.

Josiah Wedgwood & Sons, Inc.

255 Fifth Avenue • New York

Wholesale only

Potteries: Etruria, Stoke-on-Trent, England

Mark on Jasper, Basalt, Queen's Ware, etc.

Mark on China

A Corner in the Old Potteries, Etruria.
—and you may have it in exactly the color and finished surface you like best.

Here is a wood with every physical requirement called for by enameled or stained finishes—and produced in such quantities as to be easily available to the most modest purse.

Arkansas Soft Pine Satin-Like Interior Trim furnishes a base for white enamel, tint enamel or painted effects, which you can use with confidence and live with in contentment. Old Mother Nature herself gave this beautiful wood its rare, fine texture, close grain, and well-balanced absorbing qualities. Enamel applied to this wood actually becomes a part of the wood itself. Consequently it does not crack, check or chip off, nor is there any tendency in the wood to discolor the enamel or mar its smooth surface.

Do you prefer stains like dark mahogany, silver gray or Flemish oak? Just apply a good standard stain to Arkansas Soft Pine, in any color you like, finish it according to specifications which we furnish, and enjoy a polished or waxed woodwork of exceptional beauty and figure at about half the cost of rarer woods.

How shall you go about it? Write at once for our free booklet on finishing interior woodwork and include 10c if you would like to have six beautiful finished samples.

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

ARKANSAS SOFT PINE BUREAU
674 Doyle Building, Little Rock, Arkansas
Crittall Steel Casements contribute much toward the fine appearance of modern architecture at a minimum of cost. They are preferred by architects and home-builders to many more costly but less effective means of securing that general tone of grace and beauty.

The reputation for high quality and utility of Crittall casements is traditional with the name and has come down through years of devotion to the excellency and efficiency of Crittall products.

All Crittall Casements and Windows are made of Crittalloy—the Copper-bearing Steel

CRITTALL CASEMENT WINDOW CO., Manufacturers DETROIT, MICHIGAN
Note the lovely simplicity of this design. You will never tire of it.

FASHIONABLE women of Colonial days had much of their choicest silver specially made by our own best silversmiths. But they ordered it done "in the newest mode from England." This was the beginning of what we know as Colonial style.

Today the most popular Colonial pattern—the most popular silverware ever designed—is Gorham's Fairfax.

With its sharply contrasted planes and beautiful octagonal reflecting surfaces, Fairfax is the quintessence of that charming Colonial simplicity which lasts. Passing styles of the moment cannot affect its value.

Fairfax has an immediate appeal to the women who take pride in a well dressed table—for a simple luncheon or a formal dinner party.

*Your jeweler will show you this and other exquisite Gorham patterns—coffee services, candlesticks, complete dinner sets—wrought by Gorham, for 90 years America's leading silversmiths. Gorham quality costs no more than ordinary ware.*

GORHAM

NEW YORK PROVIDENCE

*Gorham Silver Polish makes the care of silver easy*
"MENTONE"
Summer Furniture

An ideal summer furniture manufactured exclusively for us. This furniture is made of imported French split cane on which the enamel colorings are baked before weaving. This eliminates the necessity of repainting each season—a distinct advantage over most summer furniture.

We shall be pleased to have you inspect it and will be glad upon request to send you our circular presenting this article.

Interiors · Furniture · Rugs · Carpets · Fabrics

W. & J. SLOANE
FIFTH AVENUE AND 47TH STREET, NEW YORK CITY
WASHINGTON       SAN FRANCISCO
A NEW and truly universal source of entertainment for the home has been produced by combining, in one beautiful cabinet, a Sonora Phonograph and a complete Radio receiving set.

Either Sonora or Radio can be used independently, and the cabinet (a period design of dignity and grace) efficiently houses batteries, phonograph records and accessories.

The notable feature of SONORADIO — not found in any other Phonograph or Radio—is its marvelous Sonora sound amplifying unit, insuring Radio reproduction of the same quality which has made Sonora famous the world over.

SONORADIO may be had of Sonora Dealers everywhere.

Sonora Phonograph Company, Inc., 279 Broadway, New York
Makers of Sonora Phonographs, Sonora Radio Speakers and Sonoradios
THE Sonora Radio Speaker has the same patented all-wood horn used in the Sonora Phonograph, with a Sonora tone arm and radio reproducer, enclosed in a typical Sonora cabinet.

This is the tone passage which enabled Sonora to win highest award for tone quality at the Panama-Pacific Exposition. Embodied in the Sonora Radio Speaker, it imparts the same clarity, sweetness and volume to radio reproduction.

The Sonora Radio Speaker is the creation of experts in tone production—their contribution to the advancement of radio science. It adds tone quality to the wonders of radio reception.

It also adds artistic appearance to your receiving set, since it is a bit of Sonora Cabinetry. Its small size enables you to place it on top of your set, as illustrated, or on the table alongside. Equipped with connecting cord, it can be used with any good receiving set.

For sale by Sonora dealers and at good Radio stores everywhere
Take one home with you today

Sonora Phonograph Company, Inc., 279 Broadway, New York
Makers of Sonora Phonographs, Sonora Radio Speakers and Sonoradios
RARELY will you find three generations—grandfather, father and son—at work at the same bench. Yet such a sight is not uncommon in the great furniture shops of Grand Rapids.

Indeed, it goes a long way to explain why the name Grand Rapids is so widely associated in men's minds with Amsterdam—home of the famous diamond cutters—with Venice, Cluny, Damascus—and those old world cities that owe their fame to the unrivalled skill of master craftsmen.

For over fifty years Grand Rapids has been attracting to herself the finest furniture designers, wood carvers and cabinet makers in the world. Many of these men were trained in the exacting shops of Belgium, France and England. They brought to Grand Rapids the rare and all-but-forgotten spirit of craft pride.

This spirit—with its uncompromising methods and ideals—has been jealously fostered by the far-sighted men who control the Grand Rapids furniture industry. It has been handed on from generation to generation until today it actuates every laborer and artisan in the fifty great furniture factories of Grand Rapids.

To you who buy furniture, it is emphatic assurance that the creations of Grand Rapids shops are altogether worthy of these men who build them.

Your dealer will be glad to show you his Grand Rapids Furniture

ASSOCIATED FURNITURE MANUFACTURERS OF GRAND RAPIDS, MICH.
THE LINCOLN is definitely ranked in the forefront of fine cars by the thousands of motorists who own and drive it, and by the automotive experts who have studied the details of its construction. Owners know it to be spirited, resourceful, and capable; engineers know that its mechanism is notable for correct design and precise craftsmanship. Its position of leadership is confirmed by nation-wide recognition of its sound engineering and its surpassing ability.

LINCOLN MOTOR COMPANY
DIVISION OF FORD MOTOR COMPANY, DETROIT, MICHIGAN

The Phaeton

LINCOLN
A comb GIVEN with every brush

Pyralin Start-a-Set Sale
June 2-7

Gifts that women love—

FROM June 2 to 7, the leading merchants in your locality will give away a genuine, trade-marked Pyralin comb to match each hair brush you buy.

This is your opportunity to start a set of the most popular of all toileware for some one dear to you—or to add to it if she already has one started.

June days are gift days. What more pleasing and graceful gift to a woman than Pyralin Toiletware with its life-long beauty and usefulness?

Go to the merchant in your locality who advertises this "Start-a-Set" Sale. See the wide range of beautiful patterns and articles. Identify genuine Pyralin by the name-stamp on each piece. There is a small charge for decoration, if desired.

Name of nearest dealer and descriptive literature will be sent, if desired.

The set you start today can grow through the years to come. There is an article for every toilet need. Added pieces always match.

E. I. DU PONT DE NEMOURS & CO., Inc.
Pyralin Department, Arlington, New Jersey
Arlington Company of Canada, Montreal
SPACIOUS rooms remain the ideal of the thoughtful home maker, despite the changed housing conditions and the trend towards much smaller dwellings and apartments. Even heirloom furniture—however true to type and honest of pedigree—loses its charm if its bulk dwarfs the chamber into which it is introduced and detracts from the livable quality that is most important.

Historic styles, therefore, are at their best in modern homes when taste and skill in design have adapted them to the scale of modern living. As in Simmons beds, for example, where the grace of line and proportion that marked the great Colonial and European periods is re-created and given new beauty with color.

To make the most of that important third of life which you spend in bed, you need the super-comfort of Simmons mattresses and springs. See them at your dealer's. In many types—all at the lowest prices quality bedding built of safe, clean, new materials can be sold. The Purple Label is the finest mattress made. No substitute equals any Simmons product at its price. Look for the Simmons label: it is health insurance.

Early American love of color and quaint patterns is reflected in this unusual chamber. The curtains are of glazed chintz: they could be cretonne or printed batiste. The beds have lavender flounces under their quilts. Hooked rugs on the painted floor. Slipper stool and seat cushion in sunfast taffeta in lavender tints. Candle globe and toby jug on the semi-vanity, and the silhouettes and drawing on the walls are all of the period. Curtains are draped on green glass rosettes. Beds, semi-vanity and bench are from a complete suite of Simmons furniture, in dark jade green, with floral medallions. Also in ivory and in finishes reproducing two-tone mahogany and walnut. Beds are Design 2552. For nine other interesting schemes of decoration, write for "Restful Bedrooms" to The Simmons Company, 1547 South Michigan Ave., Chicago, or to Simmons Limited, 400 St. Ambroise Street, Montreal, Quebec.
FIRST IMPRESSIONS of an ENTRANCE HALL

First impressions are the ones that linger. And your entrance hall is the first thing your friends see when they enter your home . . . and the floor is a great big part of it.

What sort of floor should an entrance hall have? This one suggests a house where things are in order. It suggests calm. It suggests serenity. There is a dignity about it secured by the very contrasts in harmony which, like the difference in the voices, make the duet sweeter.

The entrance hall with linoleum offers a great opportunity for beauty because you have such a varied choice of floors. No longer are the floors of entrance halls limited in color to crude yellows and chocolate browns of wood. Armstrong's Linoleum offers color in floors—delicate browns, cool tans, grays, greens, the new soft blue Jaspé with whispers of green in it. Choose the design and color to fit the cheerful color plan for any room you have in mind—solid-tone floors for living-rooms, tile effects for porches, carpet designs for bedrooms. Such floors are a veritable part of a room. They lie flat as a floor of marble, but are as warm as any wood floor. They are springy as cork, sound-deadening as cork. They demand only waxing two or three times a year and a polish with a cloth a few times a week to take up surface dust. Then they glow like old furniture, a worthy background for fine rugs. And if you have them laid well—with cement over a lining of deadening felt, and not tacked—they will last a lifetime.

If you want to learn for yourself the color possibilities of floors of Armstrong's Linoleum, go to a good merchant. Look over his samples. Ask him questions—you will find him interested.

"Floors, Furniture and Color," By Agnes Foster Wright

Mrs. Wright was formerly President of the Interior Decorators' League of New York, and her book tells how to use color in home decoration and furnishing. Twenty-five cents brings it to you, postage prepaid. If you desire, our Bureau of Interior Decoration will send you interesting suggestions of color combinations of floor, wall coverings, and draperies. No charge for this service.

ARMSTRONG CORK COMPANY
Linoleum Division
820 State Street, Lancaster, Pa.
When the cook finds the kitchen “homelike”

All the comfort, ease and rest in the whole world are embodied in that one word “homelike!” Its very sound gives you a feeling of coziness and well-being.

Your cook will feel contented and at home with this new Florence Oil Range in the kitchen. For it is so convenient to use—so easy to clean.

No work starting this fire

There was a time when starting the fire meant dragging up coal and wood, fussing with dampers, shaking the stove, and hauling out messy ashes.

All you have to do to start the Florence Oil Range is to turn a lever and touch a match to the Asbestos Kindler. In just a few minutes there rises to the top of the burner a clear blue flame of great intensity. This flame stays close up under the cooking, where it will do the most good. It does not go into a mass of metal or out into the kitchen.

By means of the same lever this flame can be regulated to any degree you wish. One of the burners is a small one, to give simmering heat. And just a turn of the lever puts out the fire. You can bake, fry, boil, roast—cook any dish that you can on a gas or coal stove.

You are really burning gas

The flame in the Florence is really a gas flame. For it is the vapor of kerosene that is burned. It is not a wick flame, such as you see in the ordinary oil lamp. Kerosene is a fuel that is both cheap and plentiful.

An unbreakable metal tank holds the oil. It is easy to fill and to keep clean.

The built-in oven

There is a specially interesting feature of this new five-burner Florence—the built-in oven. It is made like the old Dutch ovens with the “baker’s arch” and has a patented heat-distributor to insure even baking. This oven is heated by two powerful burners and is roomy enough to hold the largest-sized roasting pan.

You could not wish a handsomer object for your kitchen than this Florence Oil Range. To convince yourself, go to a department, furniture or hardware store and look closely at the strong frame built of sheet steel, the lustrous blue or white enamel, and the glistening nickel trimmings. This newest model is priced at $110 plus freight from our nearest warehousing point. If your dealer hasn’t yet received it, write to us and we will see that you get one.

Florence Ranges in different sizes (with portable ovens) can be had at various prices.

Send for free booklet

Our free booklet “Get Rid of the ‘Cook Look’” contains much information that will interest you. Drop us a line and we will mail it to you.


Florence Oil Ranges, Florence Ovens, Florence Water Heaters and Florence Oil Heaters

Made and Sold in Canada by McClary’s, London, Canada

FLORENCE
OIL RANGE
Spend an Interesting Half Hour with this Brochure before You Build

BUILDING a Home is a serious proposition. Be sure you are right before you start—for the pleasure and advantages of owning your own Home may be lost through worry caused by poor construction.

The Brochure on "Metallic Construction for the Modern Home" tells an interesting story of MILCOR Methods and Materials. There is a way to build so that your Home remains new—a way that insures fire-safeness, superior artistic effects, crackproof walls and better sanitary conditions. It is the MILCOR Method that makes safe construction available at a sensible cost.

For permanence without prohibitive expense, MILCOR Expansion Metal Products are worthy of your serious consideration. Most MILCOR Products will be unseen in the finished structure, but in years to come you will be mighty glad they are there. Their practicability has been proven in service in many of America's most modern buildings.

Brief and to the point, this Brochure will give you, in a half hour, some information of vital importance. Write for your copy—then discuss the subject with your architect or contractor.

Homes built with MILCOR Expansion Products remain new!

The fact that the Underwriters' Laboratories have placed a "One-Hour Rating" on metal-lath-plastered walls and partitions, even when used over wood-stud construction, is impressive proof of the fire protective qualities of MILCOR Expansion Metal Products.

Milwaukee Corrugating Company

Milwaukee, Wisconsin

Kansas City, Mo.

Minneapolis, Minn.

La Crosse, Wis.

MILCOR
METALLIC BUILDING PRODUCTS
You PAY for Brass Pipe whether you use it or not!

ANAConDA BRASS PIPE, if it had been used in the first place, would not have leaked because it cannot rust. The expense of repairing walls, and refinishing furniture would have been saved—as well as the cost of replacement.

Anaconda Brass Pipe will not clog with rust—it delivers a full flow of clear water as long as the building stands. Yet, in a $15,000 house it costs only about $75 more, installed, than corrodible pipe.

Enjoy the comfort of perfect water service from the start. It will cost you less in the end.

The booklet "Ten Years Hence" contains complete information on the advantages of Brass Pipe. May we send you a copy?

THE AMERICAN BRASS COMPANY
GENERAL OFFICES: WATERBURY, CONNECTICUT

Mills and Factories:
Ansonia, Conn., Torrington, Conn.
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When Visiting London this Summer—

Remember that you can buy at any bookstall

BRITISH VOGUE

BRITISH VOGUE will do for you, during your stay in England, just what its cousin, American Vogue, does for you in your own country.

British Vogue occupies the same place in the English world of fashion, art and society, that the American Vogue does at home. It will serve as your fashion guide while in England. It will direct you, through its reviews of the stage, music and art, to the worth while productions and exhibitions. It will tell you of the activities of London society, and the smart places it frequents.

Also, the advertising pages of British Vogue comprise a complete directory of the smart London shops. Couturiers, jewellers, automobile dealers, house furnishers—dependable dealers in every kind of distinctive merchandise—advertise in British Vogue.

If Vogue has helped you in America—British Vogue will be twice as useful to you while in England. If you’ve relied on Vogue’s advice and judgment at home, then in the less familiar surroundings of London, British Vogue will be invaluable.

BRITISH VOGUE

On Sale at any Bookstall in London

Personal services will be rendered to Vogue’s readers abroad by Vogue’s Information Bureaus in London and Paris; and European arrangements may be made through the Conde Nast Travel Bureau in New York.

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21 West 44th Street
New York

CONDE NAST TRAVEL BUREAU
21 West 44th Street
New York

CONDE NAST TRAVEL BUREAU
21 West 44th Street
New York
Note how dust, soot and dirt sift in at windows, unprotected by weather-strips. It carries to every part of the house, into food, settling furniture and decorations. Chamberlin Metal Weather Strips end that permanently. Not only cleanliness, but fuel-saving and freedom from draughts are advantages of Chamberlin protection.

Keep Out Dust, Dirt, Draughts

And Next Winter Save 25% to 40% on Fuel—Now is the Convenient Time to Equip

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Will personally touch amateurs in modern acting and dramatics. Also taught. Mrs. Oliver Morosco, production known as Selma Palyer, will assist in the direction of the pupil. Children's classes every week. No membership. Plays only instantaneous rehearsal of plays. After six weeks of course with the ambition to qualify to gain a livelihood on the professional stage.

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With rigid exactness, Chrysler engineers have adhered to the soundest principles of design, yet they have applied these principles in new ways which result in an advance over all previous construction as great as the improvement of the modern lin-o-type over the primitive type methods of Gutenberg.

Thus, through the scientific application of thermo dynamics and a new perfection of gas distribution and utilization, the Chrysler three-inch motor is made to yield 68 brake-test horse power.

It has a high-gear speed range from 2 to over 70 miles an hour, combined with gasoline economy safely over 20 miles per gallon.

A 7-bearing crankshaft heavy enough for a two-ton car, fully machined and perfectly balanced, combines with scientifically designed and balanced reciprocating parts to produce vibrationless power at all speeds. The Chrysler Six has, literally, no "period."

Special combustion chambers burn all the gas, eliminating the usual gumming of pistons and valves, and positively preventing spark knocks.

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The new Chrome-Molybdenum tubular front axle and Chrysler pivotal steering, with ball thrust bearings on the king pins, make the Chrysler as easy to handle at speeds of 60 to 65 as at 30 to 35. Complete confidence at all speeds results from the perfect control of Chrysler-Lockheed hydraulic four-wheel brakes.

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Yet so scientifically have its proportions been utilized that it is generously roomy for five large adults.

With a touring car weight of 2705 pounds, ready for the road, the Chrysler rides more comfortably and solidly than other cars of twice its weight.

Such riding comfort results from perfect distribution of weight, lower center of gravity than ever before achieved, a new degree of spring balance and a new and scientific spring mounting.

Chrysler springs are close to the hubs and parallel to the wheels. Side-sway and road weaving are eliminated.

Chrysler & K
Chrysler Motor Corporation, Detroit, Michigan
Division of Maxwell Motor Corporation

The Touring Car, $1335; The Phaeton, $1395; The Roadster, $1525; The Sedan, $1625; The Brougham, $1795; The Imperial, $1895. All prices f. o. b. Detroit; tax extra.
SOME people are like a pinched-back Dahlia; they haven't any flowers on their side-shoots, all their energy, all their interest and a great deal of their desires and love and romance are forced into one thing. True, that one thing may bloom magnificently, but after it has gone there are no more flowers on the plant. The business man who has no time for anything else beside his business belongs to this class and so does the woman who is obsessed with one idea. The main flower of your life may be your business or the furtherance of your solitary idea, but your life will be one-sided and unhappy if you have no flowering on your side-shoots. Now sports are side-shoots and so are hobbies.

The variety of hobbies is unlimited and it ranges through the divisions and sub-divisions of collecting, through the various forms of gardening, and through the manual arts. These are hobbies that produce tangible results—the owner has the collection or the garden or the work of his craft. There are, on the other hand, hobbies that apparently have no tangible results, that merely stimulate and keep alive the tissue of one's desires. Just as once on a day no gentleman considered his education complete unless he understood architecture and horticulture, so these people would consider life one-sided were their interest in the home to cease. They keep abreast of new tendencies in decoration, with the evolution of architectural styles, with the development of gardening interest. These comprise a world which means very much to them. They go to it for refreshment, for stimulus, for the piling up of new energy with which to plunge into the day's work again.

HOUSE & GARDEN has always believed that among the many services it renders its readers is the one to stimulate those who make the idea of a good home their hobby. Once the interest is awakened, it is a short time until that hobby becomes more than an interest in an idea; it soon becomes a desire and from a desire grows into an ambition. You may start with only a mild interest in the idea of a home, but you will never possess one. So then, if you crave a hobby that will really satisfy, stroll up to the nearest newsstand and ask for a copy of HOUSE & GARDEN.
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There is but one Victrola and that is made by the Victor Company—look for these Victor trade marks

VICTROLA

Victor Talking Machine Company, Camden, N.J.
SOMEONE asked us a minute ago what would be the outstanding feature of the July Small House Number. "Feature" is a good name for it, because it will occupy the first ten pages of the issue. We refer to the designs and plans of four small houses made especially for HOUSE & GARDEN readers, who are planning to build on the average suburban lot. Edmund B. Gilchrist of Philadelphia, Richard H. Dana, Jr. of New York, Howell & Thomas of Cleveland and Johnson, Kaufman & Coate of Los Angeles are the architects who have designed these houses. This is the outstanding feature of the Small House Number and the decoration and gardens of these houses will be featured in several issues to come.

A fifth house is a restored Sussex cottage, a dream place made habitable by intelligent and sympathetic reconstruction. In this same issue Eliza Rehman writes on the smallest kind of garden, and furnishes planting plans with her text. The Little Portfolio will contain comfortable, livable rooms of the sort people who live in small houses will want to create.

BUT what we've just named are only a handful compared with all the interesting articles the next issue will contain. "Chinese" Wilson writes on Azaleas; the Goulds write on cotton fabrics for the house; there is an outline of Spanish period furniture; one page shows city roof gardens and one a city apartment. Harry Richardson and Pierre Dutel design some painted roofs and one a city apartment. Harry-Peysner considers真空 cleaning systems. Richardson and Pierre Dutel design some painted roofs and one a city apartment. Harry Peysner considers vacuum cleaning systems.

THE Department of Agriculture has just issued a pamphlet on "Rural Planning or The Social Aspect of Recreation Places". It is the outstanding feature of the July Small House Number and the decoration and gardens of these houses will be featured in several issues to come.

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A BOUT this time last year we warned our readers regarding the threatened embargo on imported Narcissus bulbs. We repeat the warning. The Federal Horticultural Board seems adamant. The embargo will go on in another year. Order your Narcissus bulbs now. Order good ones and order plenty.

Last year we remarked, apropos of this embargo, that the time might come when spring bulbs would join whiskey and dope, and that a bulb-buyer's stock might anchor off the three-mile limit. This frivolous remark brought us a census. We were informed that we weren't taking a sense of humor.

THE age of mottoes has passed, and the house is better for their passing, but if ever we had to choose a poem for a nursery (to hang in a place where the grown-ups might read it) we would choose these lines from "Prayer for A Little Child" by W. M. Letts. They are called "Prayer for A Little Child".

"God keep my jewel this day from danger. From hooker and pooka and black-hearted stranger.

From harm of the water, from hurt of the fire. From the horns of the cows going home to the byre.

From the sight of the fairies that maybe might change her. From teasing the air when he's tied to the manager.

From stones that would bruise her, from thorns of the briar.

From red evil berries that wake her desire. From hunting the gander and vexing the goat.

From the depths o' sea water by Danny's old boat.

From cut and from tumble, from sickness and weeping.

May God have my jewel this day in His keeping."

WE re to be asked some day to name a synonym for the country, we should probably choose something like "The Place of Glad Returnings". The annual comings back of our Iris and Hardy Pilox, of the frog that haunts our well curb, of the pair of phobes that for three springs have perched their moss thatched nest on a friendly ledge of our piazza—surely these are marked with the very essence of gladness.

And the Pupe—the of the prick ears and sturdy legs, of the wise, grizzled face that is alternately so sad and so alight with the dancing spirit within.

As we look over the advance sheet of this July issue we believe that it will be the sort of number that a great many people want to keep. It is an issue that ought to have a long life.

(Continued on page 96)
Herbaceous borders at their best are, like this, things of almost massive proportions—great banks of bloom flanking both sides of a garden path and rising gradually from the low growth of Pansies and Primulas in the foreground to the stunning heights of Hollyhocks in the rear, eye-filling sights, from spring to fall, of always changing loveliness. This border is part of an English garden on an estate at Tonbridge in Kent.
GARDENS ADORNED AND NEGLIGEE

Although Planned on the Same Principles All Gardens Should be Dressed to Suit the Mood of Their Situation

RICHARD H. PRATT

In the life of every building site, before it reaches domestic maturity and becomes a fully developed personality, there are two great moments. There is the moment when it achieves architecture, and the moment when it comes under the influence of the art of gardening. Out of these experiences it emerges either with a feeling of fitness, or clad in clothes of awkward incongruity. For the purposes of this article it will be assumed that the purely architectural phase has been satisfactorily passed, that the house has been designed and placed to suit best the requirements of its owner and its situation. At that point the art of gardening begins.

Now the more you see of sites and houses, and think about them, the more they seem to resemble people. There are those with easy, rambling natures, those with a touch, or more, of prissiness, and others with great dignity. To sense in them these similarities of character is probably the surest way of all to find a sympathetic solution for the problems of their garden, or landscape, treatment.

A house done in the style of an English cottage, pleasantly unsymmetrical in its lines and masses and varied in its textures, set on irregular, sloping or rolling ground, might be offered as an example at one extreme, and at the other, on a practically level site, might be imagined something in perfectly balanced Georgian. To give each type a name we will call the first informal and the other formal. In between these two extremes of sites and houses exist formality and informality in so many degrees that it would be impossible to describe them.

The methods of gardening are the same in both cases, only the manner is different; whether the arrangement of the grounds is planned, roughly speaking, irregularly, to suit the nature of the site and its house, or laid out with the most precise right-angled regularity, the principles which govern the design are identical. Inside the house you plan for orderliness and convenience, not only because these things make living easier, but because in them, and in well balanced and finely proportioned rooms, you find a great amount of esthetic satisfaction. Outside, as Sir Henry Wotton suggested, the gardens and grounds "should be cast into a mild form of regu-
The garden of Harold I. Pratt, at Glen Cove, Long Island, is an almost perfect example of what Sir Henry Wotton meant by "wild regularity." James L. Greenleaf was the landscape architect.

"Such a thing as formality should not be forced upon a garden, any more than should such a thing as informality. These two general styles have remarkably little to do with the making of gardens; they are simply useful in classifying gardens after they have been made. If you..."
The pool, the path, and the deep-stained enclosure in the garden of W. Hays, Cleveland, Ohio, have been softened to a delightful degree by appropriate planting. Wm. Pitkin, Jr., landscape architect.

tell a boy from the age of three on that he is going to be a doctor when he grows up, he is apt to become more or less self-conscious about the matter. Perhaps he will get to be a doctor eventually—even a good one, but the chances are against him. Some-

(Continued on page 166)
The site that slopes away from the road means a house set below the level of the highway—a condition that must be made the most of architecturally and be handled with particular skill in the grading. This lot faces east. Its house will be designed by the Philadelphia architect, Edmund B. Gilchrist, and will be shown with the three others in the July issue.

Grading is the principal problem of the site sloping toward the road. The difficulty increases with the steepness, but with the proper treatment the effectiveness increases also. This site, which faces the west, has a moderate pitch. The architects who will design its house, an adaptation of the Spanish Colonial, are Johnson, Kaufman & Coate, of Los Angeles.
SELECTING THE SITE

Plots Representing Four Distinct Types Are Discussed

In July issue will be shown the four houses which have been designed especially for this series by architects of the highest standing in their sections of the country. Beginning with the four kitchens in August the interiors will be equipped, decorated and furnished, room by room, by the architects and House & Garden in collaboration. Following this the gardens and grounds, each a distinct problem, will be handled similarly.

The sloping sites was made to face the east and the second to face the west. Thus the matter of topography was covered in three sites; the level one and the two sloping in opposite directions from the front. Further variety might have been obtained by having other sites which sloped more or less steeply, but there had to be a limit to the number of houses shown, so an average pitch was given to the two sites that covered this general condition. Of course, there was a third kind of sloping site which might have been considered—the kind which slopes across its width, from one side to the other; but this awkward variety has no right to exist, and does not exist in any intelligently planned suburban community.

Because of the widely different problems raised in planning the house as well as the grounds, it was absolutely necessary that a site should be given facing one of each main point of the compass. That, and because there are probably more nearly level sites than sloping ones, led us to select two of that kind—one facing north, one south.

Thus the four typical sites were evolved which are shown here. One of them was given to each of four architects in different parts of the country—architects whose work we consider typical of the best that is being done in the way of moderate-size houses in their several localities. These architects are Richard H. Dana, Jr., of New York City; Edmund B. Gilchrist, of Philadelphia; Howell & Thomas, of Cleveland, and Johnson, Kaufman & Coate, of Los Angeles. The only conditions attached to our requests for designs were that the house should accommodate a family of at least two adults, two children and a servant; that it should be set back thirty feet from the front property line and ten feet in from each side line; that it should have a garage attached and that its cost should not exceed $18,000.

In selecting a level site choose one which contains some interesting and usable growth; for while a level plot is the easiest and most inexpensive to build upon it requires the relief of some definite characteristics as the bordering Elms here. This lot faces north. Its house will be designed in the French manner by Richard H. Dana, Jr., architect, of New York City.
AN Englishman coming to this country for the first time invariably comments on the abundance of wooden houses to be seen here. An American going to England for the first time invariably notices how few of them there are in the old country. The answer to this contrast is the fact that England exhausted her timber supply four hundred years ago and has had to depend upon Germany, Russia and Scandinavia ever since. In this country the average man has a notion that our timber supplies are inexhaustible.

Behind the future wooden house stand our forests. But how great are those forests? How long will their supply last? What is being done to conserve this supply? What is being done to reforest areas that have been cut over?

These questions are pertinent to men and women who plan to build houses. The problem may be viewed from broad national lines, but it comes home direct, appealing and with conviction when you consider that, unless some drastic action is taken, we may eventually stand, in respect to available timber, where England stands today.

Of the original 681,000,000 acres of forest land east of the Mississippi, according to the Forest Service, there remain only 60,700,000 acres. Now forty-five per cent of the total lumber consumed in this country is used east of the Mississippi and north of the Ohio and Potomac Rivers. The Pacific Coast States cut 30% of this timber in 1920 and the Southern States 34%. As the East consumed its own timber, the haul from the forests became longer and longer—and so did the price of the timber; consequently since 1860 timber prices have increased over 600%.

The responsibility for the conservation of our timber supplies and the reforestation of cut-over areas rests upon three groups—the Federal and State Governments as trustees of public lands, the big lumber companies and you and me, average citizens. Having seen what resulted from the mal-administration of public oil lands, we naturally ask, "Is there the same disregard for principles in the administration of public timber lands?"

In a recent summary of the forestry conservation matter the American Forestry Association made the following report:

"The absence of definite progress on the part of the administration in carrying forward a broad program of conservation during the past four years is strikingly evident. The situation is one rightly causing widespread public concern. We are still without a constructive policy for the handling of our 220,000,000 acres of public lands, not including the national forests, 150,000,000 acres of which are steadily becoming more and more unproductive because of uncontrolled grazing. In Alaska fires continue to ravage millions of acres of public domain, with no policy yet effected for handling or protecting these lands.

"Before the war, the passage of the Weeks Law established a federal program for the acquisition of 6,000,000 acres of forest land on the headwaters of navigable streams. The Federal Government appropriated $2,000,000 annually, for a short period of years, for the purchase of these forest lands, and then, with the purchases only one-third completed, it departed from the program. Thus far, it has refused to restore it to more than 50% of its original scale. The Forest Service, whose administration of the National Forests stands out as one of the brightest spots in the conservation firmament, is now confronted with reduced appropriations.

"In the face of this apparent slowing up and dissipation of the conservation movement, the report of the Senate Committee on Reforestation brings home to the nation the urgency of prompt action to assure its people a supply of raw wood. Despite a strong public urge during the past five years, we are still without a National Forest policy. The report of the Senate Committee does not expose a hitherto-unknown situation, but merely adds authority to previous investigations which the United States Forest Service has made, but which have failed to stir the government to action. That the situation with respect to our wood supply is critical, Congress must now admit. Will it act? And if it does, will it give the nation the broad, comprehensive policy which the situation imperatively demands?

"Looking back over the past half decade, what, therefore, is the conservation policy of the American people as exemplified by their government? The public, it may be suggested, is entitled to know. It is now the time and place for the political parties which will seek the support and confidence of the people at the coming election to restate their conservation principles so clearly and unmistakably that all doubt will be removed. And, having stated them, the public must demand that these principles shall be promoted as actively and as sacredly as the Constitution itself. For sixteen years the anti-conservationists appear to have known in advance who the presidential candidates, if elected, would appoint Secretary of the Interior. It is time the conservationists should make similar advance inquiries and act accordingly."

"The responsibility that lies upon our big timber companies is that of careful lumbering and reforestation. Some of them, moved by the urgency of the situation and by public interest, are reforesting areas they have cut over. The others must be legislated into the practice of careful logging, protection from fire and leaving seed trees where needed. It is appalling to realize that we cut in one day nearly as much forest as we plant in one year. Unquestionably the greatest work along these lines can be accomplished by the enlargement of the National Forests, especially in the East through gradual purchase made possible by Congressional appropriation. To support this is the responsibility of the average citizen.

WARNING
Let not mine enemy
With whom I have striven
Come into my garden
Lest he be forgiven!

Philia Parmelee
STEPS IN THE GARDEN

Garden steps should be easy of ascent, so that you pass gradually from one level to another. That is the secret of the charm in this English cottage garden glimpse. The broad treads, the easy risers and the semi-circular flare all contribute to its beauty. Oswald P. Milne, architect.
THE TRELLIS IN GARDEN DECORATION

The End of the 17th Century First Gave Trellisage to French Gardens and to Gardens the World Over

FRANCES WILSON HUARD

TIRCE in satin breeches and pale silk coat kneels at the feet of his lady and gently sighs of love. Indifferent she listlessly nods her powdered head above her tiny fan. To one side Gilles may be seen charming the echoes of the woods with the strains from his little reed flute. The whole scene situated in a delightful garden is bathed in moonlight which plunges the distance in mysterious velvety shadow, and in the foreground outlines with silver the contours of an arched trellis alcove, over which pale Roses run rampant or hang in coquettish clusters.

This is the classic setting for all scenes of the French 18th Century. Court life and the habit of the drawing room had completely obliterated the taste for the country. Nature then consisted of forests where one hunted fox or deer, and long tree-covered avenues over which one was driven when moving from one chateau to another. Were the season and temperature propitious, one sometimes strolled out of doors, but one could not decently sit down in the dew covered grass nor soil one's satin slippers by walking in the muddy roads. The garden, then, must needs become a salon and its decoration comprehended according to the needs of a numerous and polished society.

Of course, there could be no question of building in brick or stone, save for "Pavillons de Musique" where it was necessary to capture and retain the sound; or for hunting lodges or shooting boxes, which, after all, were almost always complete houses.

To satisfy the new requirements, the walls should let the breezes waft through them and yet retain the sun's golden rays: they should harmonize with the lines of the garden, with the perspectives of which they form a part, and their architecture must take body with the plan of the whole.

The logical result of such demands were walls made of light lathes of wood crossed or interlaced so as to leave large, open meshes, over which climbing plants of all descriptions might be guided in graceful profusion.

It is thus that trellises were invented. With still water ponds and walls of Juniper or Boxwood they still form the predominating element in a French garden.

Toward the end of the
Marking divisions in the garden, screening unsightly views, affording a background, a well-designed lattice is a garden necessity. Charles A. Platt, architect

17th Century the French seized upon this invention, which had already been tried out with success in England and in Holland, and they it was who carried it to its ultimate development. There was established a Corporation of “menuisiers-trellageurs”, or cabinet-trellis-makers for whom architects such as Lagone and Bellanger specialized in this new branch.

It seemed strange, however, that popular as became this mode of construction, no detailed description, either technical or historical, has come down to succeeding generations.

18th Century encyclopedias and extracts from the works of d’Aviler and Blondel, who give but brief notices, tell us that “Treillages” are constructions made of narrow lathes set up in a perpendicular line and crossed by other lathes of the same width so as to form openings or meshes of a determined dimension. These lathes are bound together and held in place by a wire, and the whole is often placed as an ornament against a flat garden wall.

Trellises may be employed to grow fruit, “en espalier” to close up certain garden patches, or “en palisade,” they are a very

(Continued on page 122)
COTTON FABRICS FOR THE HOUSE

In the First of Two Articles on the Subject are Discussed
the Plain, Striped and Fancy Weaves, from Gauze to Canvas

MR. and MRS. G. GLEN GOULD

The comfort of cotton fabrics has not always been known to the bleaker northern countries who depended on their native flax fibers in weaving and contended themselves with linen. But the great cotton growing south of the globe now sends


The world's finest cotton, Sea Island Cotton, was originally grown on the islands off our Carolina coast; but fashion has not yet demanded the fine hand-woven textiles prized anciently in India in the days when a great Emperor rebuked his daughter for wearing clothing that did not conceal her skin. Unlike the modern "flapper" the princess justified herself by the fact that there were seven thicknesses of cotton cloth in her garments. Such sheer filmy cottons borne poetic names, and "Dew on the Grass," a favorite with women of the Court, must have been well named.

The sheer and lovely cottons that hang at our windows do not bear poetic names, but in their names we trace their history; as cambric still carries abroad the fame of the French city of Cambrai, noted for its weaving; and muslin takes us eastward to Asia and the city of Mossoul, once as well known for its muslins as Paris for its styles.

Casement curtains, to hang next the glass or over the shade, with or without over-draperies may be—cambric, casement cloth, crêpe, basket weave, gauze, gingham, grenade, home-spun, madras, marquisette, lace, net, pongee, poplin, scrim, swiss, taffeta, voile. Style trend—gauze, voile, grenade, net, lace, poplin.

OVER-DRAPERIES to hang over casement curtains or without them; table covers; bed spreads and room accessories—basket weave, Monk's cloth, casement cloth, crash, crêpe, gauze, home-spun, French stripes, cotton mohair, plissé, pongee, poplin, net, rep, sateen, satin, Shikhi, taffeta, twill. Style trend—taffeta, poplin, Shikhi, plissé, French stripes.

For porches, camps, bungalows—canvas, cloth, gingham, home-spun, jean, khaki.

Upholstery fabrics and loose cushions— heavy basket weave, denim, home-spun, cotton mohair, poplin, rep, sateen, satin, heavy twill.

Loose cushions may also be—casement cloth, percale, taffeta, Shikhi, plissé.

The light weight fabrics are:

CAMBRIC. A thin, sheer, white or colored fabric of plain weave, that is over and under like darning; often embroidered by machine in spot designs; made of hard twisted yarn, looser woven than dress cambric, it replaced the fine linen for which the French town of Cambray was noted in the 16th century. Cambric sheetsing is a heavier fabric.

CRAPE. Crinkled weave, loose or close, fine or coarse, plain, striped, figured, white or colored; domestic, Chinese, Japanese.

GAUZE. Light transparent fabric, less open weave than net; many colors, striped, figured, embroidered.

MARQUISETTE. Openwork weave, mesh tied in weaving, wont pull apart; more expensive than voile, madras or marquisette; white, colored, plain, dotted.

MADRAS. Originally a gingham from Madras, India. Curtain madras—light openwork weave of soft fuzzy yarn; dotted or figured. New panels in colored designs on black or dark blue grounds for glass curtains and summer portieres.

PONGEE. Fine open weave; mesh tied in weaving, wont pull apart; more expensive than voile, madras or marquisette; white, colored, plain, dotted.

PERCALE. Plain close weave like cambric, stiff finish, colored and French Glezed.

PLEXÉ. French for pleated or shredded effects, like the puffs in Austrian Shade cloth. See Casement cloth.

POPPON. Finely corded weave; new sunfast poplins in sixty or more colors, plain and changeable. In great demand for drapery.

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MARQUISETTE. Openwork weave, finer than madras; plain, drawn-work in stripes, checks, fancy patterns; resembles grenadine, coarser than voile. The most generally used curtain fabric; colored dots on white for bath rooms.

LACE is a woven pattern with or without a net ground. Curtains in panel designs, plain or bordered, with shaped bottoms, fringed or ruffled, in vogue.

NET. Openwork fabric, white or colored, meshes tied in the weave. Filet is a square mesh fish net, fine or very coarse like Cable net. Coarse hand-tied net curtains much used by decorators. Bobbinet is a round or rather hexagon mesh. Novelty nets have patterns and figures. Net d'esprit has a tiny rectangular dot.

SCIRM. Plain openwork weave, coarser than voile, various weights.

SWISS. Sheer, lusterless, transparent, plain material, often called muslin but really finer; dotted, figured; starches well, folds crisply; called Swiss from Switzerland where it was first made.

VOILE. Fine open weave; plain or mercerized. Hangs soft; plain or drawn-work patterns. Much beruffled in contrasting colors, like peach and lavender. For unpretentious use.

The medium weight fabrics are:

Basket weave. Warp and filling, or cross threads, composed of several threads lengthwise like silk satin; very heavy weight or very heavy; domestic or imported. Beautifully colored French Stripes and Blocks, plain or strié much used by decorators.

COTTON MOHAIR imitates the rough effect of real mohair; natural color, striped, figured. Wears well.

MOIRE. Fine rep weave, pressed to give watered effect.

MUSLIN. Plain weave; bleached for sheeting, unbleached for stencilled, embroiled and candle-wick bedspreads. Muslin for curtains is like Swiss only coarser.

PERCALE. Plain close weave like cambric, stiff finish, colored and French Glezed.

PLEXÉ. French for pleated or shredded effects, like the puffs in Austrian Shade cloth. See Casement cloth.

POPPON imitates silk pongee.

POPLIN. Finely corded weave; new sunfast poplins in sixty or more colors, plain and changeable. In great demand for drapery.

REPE. Narrow or wide rib across goods; plain or striped; mercerized heavy rep much used for banks and commercial houses.

SATEEN. Mercerized smooth weave like satin, but with surface threads running across goods. Formerly relegated to comforter coverings, now used in fine colorings for upholstery with contrasting pippings, loose cushions, pillows, edging and piping, slip covers and hangings, curtain linings, bedspreads and accessories. Coming into wider use in decoration.

SATIN. Woven with surface warp threads lengthwise like silk satin; very effective in modern medium and heavy fabrics, plain or strié. Decorators use extensively.

TAFFETA. Plain over and under weave. Very fine mercerized sunfast taffetas resemble silk and do not crack; in

(Continued on page 98)
A THREE PAGE GROUP OF GARDEN HOUSES
FROM CLASSIC TO ROMANTIC

The style and disposition of garden houses are among the most important matters in the art of gardening. The architectural feeling of the living house should be expressed in their designs, but this may be carried out with just the sort of freedom gardens encourage. The feeling of the garden should be expressed, too. Probably garden houses, then, are most successful when they are a kind of compromise. They act splendidly as a gauge, for they must be kept in scale with the house and with their garden surroundings as well. If they fit, everything should fit.

In placing them, two things must be considered: their appearance in the garden scheme, and the view of the garden that may be had from them. This may mean their being either close to, or relatively remote from the house. No rule exists to govern a thing which depends so utterly upon the unique quality of each situation.

This shell-like arbor, built of wood and painted white, with its flavor of the Italian Renaissance, is a probably unique adaptation of the niche idea to a design of this sort. It should be placed to capture shade at the proper time of day and should be flanked by tall hedges.
House & Garden

Garden houses can be architecturally so unconventional that when a chance comes to do something as frivolous as the curtain-like lattice on this arbor, not to mention the flowing figure at the peak, the opportunity should be taken, with due discretion.

A WIDE VARIETY OF GARDEN ARCHITECTURE

The octagonal arbor below, with its festooned panels, its graceful roof lines, and its simple construction, might, but not necessarily, lie beyond a house somewhat French in feeling.

The sturdiness of this hill top gazebo fits perfectly the quality of its situation without attempting the doubtful expedient of the so-called rustic construction that is generally used.
This circular garden house has all the stateliness of the traditional temple d'amour without any of the self-conscious qualities of those polite arbors. It should preside over a garden that is definitely formal in feeling and one that would fit a Georgian or Georgian colonial house.

Hardly another architectural motif contains the graceful and balanced beauty of the Palladian. Here it has been exquisitely handled in a garden house that is surprisingly small and simply constructed. Its setting is at the end of a broad open space and against two great soft willows.
EVERYBODY knows and everybody loves a Rose. Usually when one speaks of Roses the thoughts are of the Modern Rose—Hybrid Tea or Hybrid Perpetual, Tea or Perpetiania, Rambler or Rugosa Hybrid—products of the untiring skill of enthusiasts in many lands. Some, indeed, the culminating effort of decades, others the fruit of yesterday. Beautiful in form and color, often rich in delightful fragrance they rank as Queens and Kings in gardens. To bring them to perfection nothing is spared, special soil, special care and often special gardens are the portion of these favored flowers.

Wonderful is the Modern Rose yet its origin was humble and the height it has reached may be surpassed by others of which we know not. But my theme is not of the Modern Rose. Other scribes may sing its praises, I tell of the wayside Roses of this and other lands.

Of Wild Roses there are a great many species and these vary so much that no two authorities are agreed as to the number. They are found throughout the length and breadth of the northern Hemisphere from near the Arctic Circle to the Tropic of Cancer. Some are diminutive shrubs, others vigorous rambling plants which climb to the tops of trees. Nearly all have the familiar leaf, prickle, five-petalled flower, usually clustered, rarely solitary, and the characteristic hip or fruit. Their garden value depends largely upon their hardiness. Very few of the climbing sorts can withstand the rigors of New England climate but of the bush forms a great number are perfectly at home with us. Indeed, some think that the garden Rose of the future, so far as the colder parts of the world are concerned, will be evolved by blending these perfectly hardy wildlings with the toughest sorts of the Modern Rose. But apart from interesting possibilities many kinds of Wild Roses are well worth a place in our gardens. In point of fact their uses are much greater than is generally appreciated. All have beautiful flowers and many are extraordinarily floriferous. Some have fragrant blossoms and the color is usually pure and refined. They can be grown without any special effort though none object to good soil. Full exposure to sun and wind is essential. Pruning is not the elaborate business it is with the Hybrid Tea and others. All that is necessary is the cutting away of the old and worn out canes and the shortening back of over-vigorous shoots so as to

(Continued on page 130)
The most beautiful of all Musk Roses, *R.墙-墙.*, is white flowered, with lustrous green leaves, glaucous gray on the underside.

At the left is shown the robust *R. soulieana*, with cream colored flowers, as it grows wild on the China-THIBETAN border.

*R. multiflora cathayensis*, the ancestor of the old Seven Sisters and Crimson Rambler, has large trusses of pink and gold flowers.

Few who bask in the purity of the white blossomed Cherokee Rose realize that it is merely a naturalized Rose plant in this country.

*Rosa hugonis*, with sprays of flowers hiding the leaves, making the whole plant a yellow bouquet, is the favorite of the type.

Prairie Rose, *R. setiger*, a native species, is one of the loveliest, late blooming with soft pink flowers and a perfectly hardy constitution.
BETWEEN 1830 and 1860 George Baxter, a London engraver, draughtsman and color-printer, produced several million copies of some 350 separate picture-prints. Commercially he failed, and apparently he died defeated; but today costly books concerning his work are issued, a Baxter Society holds frequent exhibitions, Baxter prints are permanently shown in several public art-galleries, a monthly Baxter Times is published, bi-monthly a sale takes place, at a famous London auction room; there is, in short, a growing boom in Baxter prints. Many thousand dollars' worth of them have crossed the Atlantic recently; a traveling exhibition of them has perambulated Canada; and while a "Baxter" exhibition was being held at Ottawa in 1921, a pair of prints, Charles Chubb and Maria Chubb, came to light there, out of a long neglected parcel; such a pair as was sold in London for more than $3000 the other day.

What astonishes a student of collecting as a hobby and an investment is that Baxter prints exist very numerously, and only a few of them are very rare. For in their time they were popular in English homes, and probably many of them were taken to the United States by emigrant families for old sake's sake.

Highbrow artists decried these prints, but around them in households of the simpler refinement clustered the sentiments of family and home, and this still gives them attraction. But what has caused and increases the demand for them now is the craftsmanship in them, the zestful skill and care.

Searchers for such prints in America may recognize most of them by Baxter's imprint and the titles, either embossed in white or in red on the mount, or printed on or below the actual picture. The titles are brief, and often puerile; some of them are mentioned in the following short list: So Nice, So Nasty, The First Lesson, The Morning Call, See Saw, Copper, Your Honour, Stolen Pleasures, Short Change, Puss Napping, Little Reduringhood, News from Home, News from Australia, Little Gardeners, The Soldier's Farewell, (Continued on page 94)
Despite the simplicity of its furnishings, this corner of a sun porch presents a distinguished appearance. The dominant impression is one of color, for the bay glazed chintz shades have edges scalloped and bound in apple green and a red and white checked linen covers the comfortable peasant chair. Additional color notes of the same sparkling, bright values are provided by a pair of exceptionally fine hooked rugs. It is in the home of Mrs. Harold Lehman, at Tarrytown, N. Y. Frank E. Newman was the architect and Fakes, Bisbee, Robertson, Inc., decorators.
The walls in the library of the Lehman house are panelled in old pine, a distinguished background for the colorful needlepoint rug, red damask chair covering and Gilbert Stuart portrait over the fireplace. This wood room affords an interesting contrast to the gayly colored wall paper in the hall, a glimpse of which may be seen through the door.

A bedroom in the same house has been furnished entirely with early American maple pieces. The walls are yellow and the woodwork white. Ruffled muslin curtains, a red and white glass lamp with a white pleated shade bound with red ribbon, old fashioned ornaments and a hooked rug with a black ground contribute to the atmosphere of the period.
An interesting array of fine old furniture and a scenic paper in shades of gray are features of this simple and dignified dining room. Brilliant splashes of color are provided by the hangings of flame colored silk lined with brown, blue-green and cream colored chintz. Also in the home of Mrs. Harold Lehman. Fakes, Bisbee, Robertson, Inc., decorators.

A gay and amusing little card room in the same house is interesting for its Franklin stove, George Washington and-irons and old ship model. The walls are done in a green and white striped paper and the chintz on the settee has a floral design on a black ground. Over this is an old map of New York harbor and a lighting fixture in red and black.
A VARIETY OF
AWNING VALANCES

Above is a scalloped valance of painted tin. When the awning is rolled all the way up it is completely concealed and protected by this shield.

At the left is a delicate shield made of lead, with a graceful scalloped edge. It is durable and offers full protection to the awning which is of the roll type without sides.

(Below) Painted boards designed to just cover the folded back awnings give a neat, tailored look to the windows in addition to affording full protection to the awnings.

Above is a painted wood valance designed to conceal awnings on cottage windows. The awning valance has the same shape.

Above is a sketch showing how the awning works when a valance board is used. It slides down on rods into position under the boards, then opens out. Awning valances designed by Harry C. Richardson.
DRAPEOED
DRESSING
TABLES

Designed by
WOOD, EDEY & SLAYTER

The charming dressing table as the left is draped in rose colored taffeta and cream lace. The scalloped flounce at the bottom is over a layer of tulle.

The table above, hung in Scillian lace over turquoise blue silk, would be a charming addition to a summer bedroom with flowered chintz hangings.

Crisp green and white dotted Swiss trimmed with an old-fashioned white fringe makes a delightfully fresh and cool looking dressing table for a summer bedroom.

Unusually lovely is the table at the right hung in sheer white net over pink satin. The scalloped ruffles at the bottom are in three shades of pink taffeta.

The green semi-glazed chintz on the table above is trimmed with mulberry moire ribbon. An interesting feature is the mirror covered with shirred bands of the material.
How to Make a Good Lawn

Both by Seeding and by the Vegetative Method

Success is Assured if the Preparation is Adequate

John H. Melady

Every gardener of experience will concede that suitable soil is of paramount importance in making a good lawn. It matters little whether the soil is light or heavy, sandy or loamy, so long as we work with top-soil; soil which has been cultivated for some years and has proved itself capable of supporting a crop of some kind.

One of the chief causes of failure in lawn-making is the attempt to grow grass on a hillside from which the top-soil has been washed, or on recently excavated or graded land where the top-soil has been buried. If, therefore, we are dealing with land of this description it is essential that we spread over it a layer of top-soil two inches deep or more. The large quantity of material thus involved frequently is surprising; a lawn that is to occupy an acre of land requires no less a quantity than 269 cubic yards of top-soil, or over one hundred pair-horse wagon loads, to provide a covering two inches in thickness. Before applying the top-soil it is necessary for the sub-soil, whether it be clay, hard-pan, gravel or sand, to be plowed, disced or spaded. Grades and levels may be finally attended to at this stage, and all stones, sticks and rubbish removed.

Our problems are less difficult when we are able to construct our lawn on soil that we know is good—a disused part of the vegetable garden, perhaps, or a piece of good farm land. The addition of top-soil from elsewhere is now unnecessary; all we need do is to plow or dig the soil and clear it of rubbish, but every care must be taken to conserve the top-soil. Plowing or digging must be shallow; if we dig deeply we may bring up sub-soil from below, and if any leveling is needed we must first carefully remove the top layer of soil, carry out our grading, and then return the top-soil in an even layer.

Assuming that we have either spread our top-soil or dug over our piece of satisfactory land, we are now ready to add the plant foods necessary to support the grass crop. If our land is of a medium texture, neither very light nor excessively heavy, it is usual to apply bone meal or one of the specially mixed fertilizers for lawns offered by the leading specialty houses. They may be broadcast at the rate of one-half ton to the acre or more, which is equal to about one-quarter pound per square yard.

Should our soil be not of so satisfactory a texture, but is instead very sandy or has much clay in its composition, we cannot do better than add old rotted horse manure or cow manure; these may be applied at the rate of from twenty to forty tons to the acre, which in small areas will amount to from eight to sixteen pounds per square yard. Every year manure is becoming more difficult to procure, and (Continued on page 124)
ST. GAUDENS' GARDEN

On this page and the two following are shown the garden and the house of the late Augustus St. Gaudens, the country's greatest sculptor. Few places are so drenched with the personality of their owners. His mellowness, his feeling for form, his classicism, are apparent everywhere. This long seat under the birches, with its end pieces of sculptured low reliefs, its comfortable and embracing lines, was his favorite spot.
The garden, surrounded by a square cut hedge of pine, is a place of rich profusion, formal in plan but softened in its interior by the luxuriance of bloom and foliage.

The terrace on the garden side is simply laid out in beds of annuals, and forms a connection between the living porch at one end of the house and the service.

The house, above on the opposite page, carries with it an air of fine distinction. The dignity of its design is increased by the splendid balustrade along the terrace.

Opposite the garden seat shown on page 75 is this pool. It is reached from the house through a series of gently disposed levels which break the drop in grade.

A GARDEN of CLASSIC DETAILS

The St. Gaudens Estate

Cornish, New Hampshire
A PLANTING in the COLONIAL MANNER

Many Long Established Varieties, Simply Used, Have Made an Appropriate Setting for a House of the Old New England Type

ELIZABETH LEONARD STRANG

To a locality where real gardens are rare, this one brings the spirit of old New England, with its pleasant mingling of fruit trees, vegetables, herbs, velvety turf and old-fashioned flowers, and provides a setting for a house of weathered gray shingles which might have been transplanted from Cape Cod itself.

Across its pleasant green spaces one may look and recall the leisure of by-gone days, forget material cares and inhale the breath of Roses, Lavender and Thyme. In early morning from the upper rooms one may view a dewy mosaic of color—which, late at night, spreads a sweet incense through the dusk.

Bees in the Wisteria at noon; fragrant Lilies, pungent Box, and red roses in the sun; fluttering doves as white as the Magnolia's petals on the turf; golden flash of fish in the waters of the secret pool; evening scents in the moonlit arbor, of Nicholas, Heliotrope and Night-scented Stock—these are the essence of this Colonial garden.

Nor do we omit the homelier virtues of utility, but like the thrifty housewives of old, cherish rows of red Cabbages, curled Savoy, Parsley, Love Apples, Lettuce, and savories like Sage and Tarragon.

So much for the soul of the garden.

Now for the cold, hard facts contributing to the realization of this dream—the reasoning which led to the evolution of the design or plan.

Rarely is it given the landscape architect to work with the architect from the start in the disposition of such integral affairs as the service, entrance, and pleasure portions of the house and grounds. For instance, if space were at a premium, and the utilization of the last inch had been necessary or desirable, that part of the grounds lying east of the house would have been enough for the garden of the slopeing land to the north and west for the lawns.

But as the house was built before the development of the gardens received intense consideration, the location of the kitchen and servants' quarters on the east end of the house made any question of a pleasure garden on this side inexpedient.

(Continued on page 138)

PLANTING LIST for a COLONIAL GARDEN

INDEX

1 Luminaea Scoparia, which have helped to screen adjoining house (Viewpoint "A"), shrubs for screening along south and west boundaries comprise Dogwoods, Forsythia, Prunus campanulata, Cornus, Sumacs, Forsythia, and Privet. Portion adjoining main garden faced with Iris, Peonies, Lemon Lilies, herbaceous Spiraea, Funkia, Asters, Boltonia, and Heliemum. Overflow from flower garden can be put here.

2 Malus baccata var. Bcchtel's, double Pink Flowering Crab, flowering end of May, flanking arbor with seats.

3 Dwarf Pears at stated intervals down long grass walk an axis from sun room. Scattered perennials as above, and Darwin Tulips with Forget-me-nots in groups or drifts throughout the border. To be filled with annuals wherever possible, as follows.

1st row: Dwarf Ageratum.
2nd row: Roy Morn Petunias and tall lemon Snapdragons.
3rd row: Painted-tinted Zinnias, especially salmon rose.
4th row: Clump of three Hollyhocks at end of each service walk; also spikes of Veronica, Red-eyed Phlox, Larkspur and Valerian.

4 Dwarf Apples at intervals on wide cross walk: (Viewpoint “B”).

5 Prunus pendula: weeping Pink Flowering Cherry 6’ standards, flanking bench.

6 Rose arch, formed of two strap-iron hoops, bent wide and low, twisted so as to be completely hidden with yellow Rose, Source d’Or, large, pale yellow, vigorous and completely hardy.

7 Similar arch with Snowdrift, double white, vigorous and hard. These green arches are further accented by the planting, clumps of Trifolium, Darwin Tulip Mrs. Moon (pale yellow), Lemon Lily, double yellow Hollyhocks, and Heliemum.

8 Dwarf Japanese Yews accentuating the circle which is the center of the perennial garden. (Viewpoint “C”). Flowers around the circle are Arabis, with patches of sulfur Crocus and Mentheous, or Bluebell, with rose Tulips. The latter die down after blooming to be succeeded by Heliotrope and rose Annual Phlox.


10 Massive Japanese Barberries, faced with the heart-shaped leaves of Santorina cardiophylla. (Viewpoint “D”).

11 Pinus densiflora var. Rambiana: Jack pine, selected specimen of picturesque shape to break line of seat.

Details of Flower Garden

12 Perennial Phlox:

Eugene Danzenvilliers, lilac blue with white center.

Mail Marian, soft even lavender.

Mme. Paul Dutrie, orchid pink.

Down, shell pink.

Pink Beauty, cool deep pink.

Elizabeth Campbell, large trusses of salmon pink.

Buckland, brilliant deep rose.

R. P. Struthers, deep salmon-red.

Etta’s Choice, tall, very late white.

The first five varieties are in combination, the rest look best alone. With the phlox in these central masses are Larkspur, Valerian, Eryngium, Meadow Rue, Thermopsis, Clematis recta, and other tall perennials.
The planting plan not only shows the wise dispositions which have been made of the various parts of the grounds and gives the index numbers to the items in the plant list, but serves as an admirable example of the way in which a practical approach must be made to any extensive planting problem.
COLLECTING AMERICAN ANTIQUES IN LONDON

Some Side-Lights on the Curio Marts as They Are Today

WEYMER MILLS

The traveling American with the early American house and an ardent desire for old maple, hook rugs, Sandwich glass, and all those charming and quaint things that seem to be in touch with the Colonial era, or the young Republic, wonders what he could pick up in London. From April, all through the summer months, and the autumn, one sees him jingling shop bells, pounding knockers, asking why shops on one side of the Thames have an early closing day on Wednesday, and those on the other side on Thursday. Sometimes he inquires why most curio dealers have a predilection for gadding abroad, or taking tea in some secret recess where an eager customer cannot reach them. What does he want? What is he seeking? Bargains perhaps.

The shop-keeper, dragged out of his hiding place, reiterates the question again and again.

Before the War the American visiting London was an easy and docile customer. Anything over a century old that would let the acquisition through the American Customs House free of duty made some appeal to him. Today he is different. He is hunting a thing, or things, that he cannot quite visualize. He will know when he sees them.

Surrounded by the spoils of England, France, Italy, Spain, China, and Heaven knows where else, he offers an overwhelming problem to the perplexed tradesman.

"I have a little of everything," says the dealer. "Now this fine lacquer cabinet belonged to a peer ... That French picture is from the Coutts sale ..." (Continued on page 148)
ADDING CRAFTSMANSHIP TO ARCHITECTURE

An Appreciation of Some of the Incidental Ironwork
Now Available for Outside and Inside the House

MATLACK PRICE

IRONWORK as an accessory to architecture has ample tradition behind it; even though its present popularity has arisen within the last few years. In the Middle Ages, architectural artisans wrought iron with the same inventive mind and vigorous technique that created the whole marvellous fabric of Gothic art. That heritage is to be found amply expressed in its combination of idealism and finesse with lustiness and strength, in the field of ironwork today.

In the profuse era of the Renaissance, especially in Italy and Spain, and not so especially in France, architectural ironwork was developed with even greater perception of its possibilities than in the Middle Ages. In railings, grilles, lanterns, hardware, studdings and bosses for doors and in a variety of other details the architect-craftsmen of the Renaissance wrought iron with mind and hand peculiarly keen to bring out of the material the utmost in its inherent qualities of strength and delicacy. While they were about it, they designed for all time, and left so complete a range of models that our designers of today have had little to do but copy, or at most make easy adaptations of Renaissance forms and details. Some day designers may so far improve on these forms and details that they can discard them—but that day does not seem to be close at hand.

To discuss the architectural ironwork of Renaissance Italy would (Continued on page 108)

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To discuss the architectural ironwork of Renaissance Italy would (Continued on page 108)
COOKERY by electricity is swathed in mystery and surrounded by so many phobias that the time is now ripe to banish the obstacles which deter people from investing in electric ranges.

The maladies that afflict prospective buyers and users might be called (1) magicitis and (2) electricit—is which, explained, are (1) the idea that electricity is so miraculous that it works unaided by the human mind and (2) that electricity is tricky and fearsome.

Therefore this article is not designed to describe ranges or devices but to give you the normal aspects of electrical cookery.

Let us say emphatically that electricity is not magic; that it needs guidance even as steam or water power, gas and oil, and it is not capricious any more than fuels which are possibly more familiar to you.

But—must you learn its habits and you must exert your mind, even as you would do in using any medium of heating that is new to you. (And it might well be said here that electricity is not a fuel but a medium, in the case of cookery, of heat creation.)

The control of the mind is especially necessary in cookery by electricity, for, to do this comfortably and well, you must learn how to use it and how to capitate to its needed.

PREJUDICE and ignorance are the foes to electrical cookery. First: Even though 78% of our localities are wired for electricity, it has not been in all these places long enough to breed familiarity. Second: The house must be especially wired for a cooking range of any great cooking capacity. Third: The greatest foe to electricity is familiarity. Fourth: The greatest foe to electricity is the idea that it works unaided by the human mind.

BUT: Electricity is not too expensive. (a) Electricity is very controllable, it is very steady in its flow and fluctuates rarely. You can use an automatic timing device and you can depend on the fact that the electricity will steadily and uncapriciously do its work.

(b) If you get the “feel” of what the Medium heat, Low heat, and High heat mean you have a medium which is most docile. But you must learn just how far “to go” with your “Heats”, even as you must with anything else.

(e) In oven cookery there are many means of control. There are shelves and racks which are moveable at different heights in order to attain different degrees of heat. These, and the three heat controls, give you the latitudes and altitudes of heat essential to fine cooking. Some ranges have moveable oven units, which allow you to have an oven pretty nearly any size you desire.

Electricity is not capricious—unless you are.

(a) It is only capricious if you use it unintelligently. If you placed a thin layer of milk over a hot flame it would burn. So if you place a cake directly on the electrical heating unit in an oven where it is possible it will burn, too.

(b) If you leave your electricity on, full tilt, it will burn the food, etc. So will a flame, for that matter.

(c) Banging of the oven doors in electrical cookery will ruin a cake as well as it does when you are using other mediums of heat.

(d) Practice here as elsewhere makes perfect and familiarity breeds content.

It is comfortable.

(Continued on page 98)
TURNING A
STABLE INTO A
HOUSE
ERIC GUGLER, Architect

In the pencil perspective by Chester B. Price of the proposed alteration to the stable of Mrs. J. Watson Downes, Locust Valley, N. Y., it may be seen how the architectural mass of the proposed building will be simplified by the removal of all dormers and protruding gables and by regular spacing of doors and windows.

One of the many interesting features of the remodeled floor plan is the provision of spaces for the owner’s two favorite horses at the rear of the garden loggia. A box hedge encloses the garden and a row of apple trees lines the surrounding lawn, which is further marked by a low, white-painted picket fence.

June, 1924
There is great beauty in the architectural treatment of the living room—in the fine fluting of the mantle, pilasters and cornice, and in the proportions of the traditionally uncurtained Georgian windows.

At the left is shown part of the dining room in the Draper house. The corner cupboard is set beside the entrance from the hall and provides most of the ornamental architectural detail in the room.

The choice and grouping of furniture and the handling of the decoration have been done with splendid feeling for the refinement and simplicity of the living room's interior architecture.
The house is a nice mingling of formality and informality. The latter quality is felt in the broken outlines of the plan and the disposition of the sharply sloping roofs, while the former feeling pervades practically all the details. The front façade is entirely, but very gracefully, formal.

Although the principal rooms of the house are found on one floor, their arrangement is such that no confusion could possibly exist. The bedrooms become a perfectly isolated group with the principal entrance from the main hall, through the stair hall, with a service entrance from the kitchen.

The doorway and the loggia with its Ionic columns and lovely balustrade above form an unusually successful bit of architecture in the spirit of the Georgian designers.

THE HOUSE OF MRS. JESSE DRAPER
ATLANTA, GEORGIA

HENTZ, REID & ADLER
Architects
THE real, honest-to-goodness garden lover, who is at all familiar with wild flowers, has an insatiable longing to grow his favorites among them in his own home garden. He never goes into the woods or across the open country without being seized with an uncontrollable itching to dig up and carry home every good-looking specimen he encounters. Unfortunately, he often uses no discrimination. Instead of being content with those that are indifferent as regards soil and location, he far too frequently uproots such rare and fastidious sorts as the pink Ladieslipper and other Orchids, the Trailing Arbutus, the Bunchberry and many equally finical denizens of the deep, cool forest. None of these will long survive under the conditions of soil, moisture and exposure that prevail in most home gardens and grounds, so they should be left undisturbed in their natural haunts.

It is in the open places that we shall find lusty and lovely recruits to reinforce our monotonous, stiff and stilted flower borders and add needed variety, grace and brilliancy. Here in the East they grow in lavish abundance on the edges of woods, on the margins of ponds, lakes and streams, on steep banks and sunny hillsides and in wild pastures, swamps and waste lands where the plow has never furrowed.

And our quest for novelty is by no means restricted to this part of the country, for every section of this broad land of ours is teeming with treasures. The upper reaches of the Blue Ridge mountains, the vast prairies of the West and Southwest, the seemingly barren deserts of New Mexico and Arizona and the slopes and ravines of the Rockies, are all sources of remarkable and inexhaustible plant wonders, many of them as yet unknown even to exploring botanists, who take commendable pride in the thoroughness of their work.

Of these untold thousands of American wild flowers, only a few dozen species have found their way into our gardens, although hundreds of them have been grown and admired in English gardens for from two to three hundred years! If the space at my disposal would permit, I would like to list and describe briefly something like 165 of the ignored but deserving kinds that I have grown successfully in my own garden. But that is obviously impossible, so I have chosen certain representative, easily obtainable and easily grown species that should suffice to arouse interest and enthusiasm in whomever may undertake their culture and whet the appetite for more.

Every plant named in this article is to be considered suitable for a well prepared and well cared for hardy flower border. In such a border the soil is light, rich, deep and loamy, neither acid nor alkaline in any appreciable degree. It has thorough drainage but never lacks moisture. It is usually partially shaded in places, either by trees or shrubs, or by tall growing herbaceous plants. Other portions are in full sun and here the soil is often sandy in spots, or can be made so, in order to provide a congenial home for the sun and sand lovers.

The Yellow Violet, V. pubescens, may be bought or collected from the wild. It grows from 6 to 15 inches tall and blooms in April and May.

Since 1699 Virginia Bluebells have been grown in English gardens. In moist soil they reach from 1 to 2 feet in height and bloom from March to May.

The commonest Blue Violet is V. papilionacea, otherwise known as Butterfly Violet. Large purple-blue blossoms, 6 to 7 inches high, April to June.
Dicentra eximia is rare and seldom found in the wild, but it can be secured from some dealers specializing in native flowers. Pink blossoms, May to August

In Golden Groundsel (Senecio aureus) is found an exceptionally brilliant, gold and orange flowered native plant from 1 to 2½ feet high, blooming from May to July.

Another native moisture lover is Lobelia siphilitica, whose light violet-blue flower spire rises from 1 to 3 feet high during July and on to September.

The Lupines are countrywide in their distribution and well adapted to garden border uses.

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In the entrance hall a pair of fine old Georgian cabinets in blue and gold make a nice note of color against the oak, finely paneled walls.

The library, one of the most distinguished rooms in the south, is remarkable for its fine paneling and Grinling Gibbons over-mantel carving.

A feature of the Georgian dining room is the carved mantel and niche in which is a bust of George Washington. The walls are sky blue and the rug and curtains are of lemon yellow.

A HOUSE IN

ATLANTA, GEORGIA

HENTZ, REID & ADLER, Architects
The hall, built in the shape of an L, is a living room in itself. At one end is a comfortable group of furniture under a striking ship painting.

Another view of the pine paneled library. Here the curtains are sapphire blue satin and the overstuffed furniture red damask and flowered chintz.

A corner of the oak paneled hall is lightened by a beautiful old Queen Anne cabinet in red lacquer filled with a fine collection of colorful French and English porcelains.

THE HOME OF
EDWARD INMAN
RUBY ROSS GOODNOW, Decorator
Above is a suggestion for a green and white porch table using Italian pottery and green glass. Pitcher at left, $6.75. Right, $7.75. Plates with green bird and flower design, $2.25 each. Green cups and saucers, $9.25 for six.

For tea on a porch comes a decorative Quimper pottery tea set with a yellow ground and design in blue, yellow and deeper yellow. Teapot, cream, sugar and six cups, $20.50.

(Below) Comport, white ground, design in green and yellow, 7 inches high, $8.75. Fruit or salad bowl, putty ground, pattern in green and brown, 11 inches wide, $12.50.

(Below) Spanish pottery bowl and plate for fruit or salad. Blue and yellow stripes on a cream colored ground. Bowl 9 inches wide, $4.25; 8 inch plate to match, $2.50 a dozen.

Pitchers for flowers or ice tea. Left, putty color with brown and blue lines, 5 inches high, $3.75. Spanish pitcher, design in yellow and green, $4.75. With flower design, $9.75.

For tea on a porch comes a decorative Quimper pottery tea set with a yellow ground and design in blue, yellow and deeper yellow. Teapot, cream, sugar and six cups, $20.50.

(Below) Spanish pottery bowl and plate for fruit or salad. Blue and yellow stripes on a cream colored ground. Bowl 9 inches wide, $4.25; 8 inch plate to match, $2.50 a dozen.

Spanish flower pot, design in green, blue and yellow, 9 inches high, 8 inches wide, $6.25.

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Spanish flower pot, design in green, blue and yellow, 9 inches high, 8 inches wide, $6.25.
TO MAKE THE GARDEN LIVABLE

A well-designed and practical bench for a garden or lawn is 6 feet long. $45.50. Arm chair to match, $17.

This folding garden chair is made more comfortable by the addition of a headrest and adjustable sunshade. Covered in striped canvas, $12.

White wooden furniture is effective against green foliage. The bench above is 4 feet long, $32.50. Arm chair $17.

The articles on this page may be purchased through the House & Garden Shopping Service, 39 West 45th Street, New York City. A service charge of 25c on articles up to $10 and 50c on anything $10 and over is included in the prices.
REVIEW

Horticulturalist and landscape architect, whose important book on landscape architecture has been translated

PRINCE PUCHLER-MUSKAI

Prince Puchler-Muskau, a German traveler and landscape architect, whose important book on landscape architecture has been translated.
Chocolate Classics

Comparisons cannot be avoided in considering chocolates. All the candy assortments shown here are classics—they fall naturally into the highest class, a group of noble sweets.

Each package of Whitman's is planned and built up, piece by piece, in answer to a definite demand from candy lovers. The assortments are as different as the boxes. Get acquainted with the variety of the Sampler, the romance of Pleasure Island, the originality of Salmagundi, the richness of Nuts, Chocolate Covered, the selected chewy centers of the Fussy Package, the wide range of chocolates in the Standard Package, the choice and exclusive contents of the Library Package.

There's a little book with colored illustrations that helps in selecting candies for any occasion. Write for a copy.

WAX Your Floors

and they'll be beautiful
– easy to take care of
– will not heel print
– won't be slippery

And WAX is, by far, the most economical finish for floors—a 1 lb. (85c) can of Johnson’s Polishing Wax sufficient for 300 sq. ft.—one coat. With waxed floors expensive refinishing is never necessary, for worn places can be easily and quickly re-waxed as they appear, without going over the entire floor.

JOHNSON’S

Paste - Liquid - Powdered

POLISHING WAX

Johnson’s Polishing Wax imparts a beautiful, dry, velvety finish which is impervious to water, dust, scratches, heel-marks, finger-prints, etc. It cleans, polishes, preserves and protects—all in one operation.

Johnson’s Liquid Wax is the ideal furniture polish. It covers up superficial mars and prevents checking. Takes all the drudgery from dusting and forms a thin, protecting finish coat. Easy to apply and polish.

Your Linoleum will last longer—look better and clean much easier if polished occasionally with Johnson’s Paste or Liquid Wax. Johnson’s Wax is recommended by all the leading manufacturers of linoleum for polishing, preserving and protecting their product.

The Easy Way

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

FREE—Book on Home Beautifying:

Ask for a free copy of the Johnson Book on Home Beautifying at any store displaying this sign. Johnson’s Artistic Wood Finishes.

Building?

If so—your should have our new Book on Wood Finishing and Home Beautifying. It tells just what materials to use and how to apply them. Includes color charts—gives covering capacities, etc. Our Individual Advice Department will give expert counsel on interior wood finishing—without cost or obligation.

A Baxter print of the Crystal Palace, New York, which used to stand on the Sixth Avenue side of what is now Bryant Park, behind the Public Library.

THE ARDOR FOR BAXTER PRINTS

(Continued from page 68)

Hop Garden, Christmas Times, The Cowfield, Crossing the Brook, Floria, Belle of the Village, So Tired, Come, pretty Robin, Returning from Prayer, Me Warm Now, The sentiments of love and marriage were not neglected, either—The Reconciliation, and the larger prints, The Bridesmaid, The Lovers’ Letterbox, and The Day Before Marriage—to wit.

A number of the prints were issued as book illustrations first or only, and probably many such a book lies perdu on shelves in the United States, reproduced here, though not in colors, is the frontispiece to "The New York Crystal Palace, Illustrated Description of the Building", by George Casson and Charles Gildemeister, Architects of the Building, New York, Riker, Thorne and Co., 1854. Bohn’s edition of "Mallet’s Northern Antiquities", 1847, contains the print "Yggdrasill", Humboldt’s "Views of Nature", (Bohn’s edition of 1859 and later) contains the print "Chimborazo" The Child’s Companion, each year from 1845 to 1861 inclusive, contains a Baxter print; Eliza Cook’s "Melodies and other Poems", 1838, contains two. "A Narrative of Missionary Enterprises in the South Sea Islands" by the Rev. John Williams (1837 to 1841) contains several Baxters. "The Pictorial Album and Cabinet of Paintings", eleven prints, was issued in 1837 at a guinea—five dollars, it now sells for twenty-five times as much.

The imprint or embryo of Baxter as inventor and patenter, of his business address, and of the title, give a short guide to recognition; but there are absent from many copies, which obtain lower prices accordingly. Baxter prints are classified for value downwards, as Red Seal mount, Stamp mount, Book lettering on mount, Unlettered mount, Without (Cont. on page 95)
HE very first thing that happened prepared me for an exceptional motoring experience.

I had pressed the starter and detecting no response from the engine, tried a second time. There came a protesting whir, warning me that this was unnecessary—the harmonized engine was running.

I made a mental note to test that silent motor throughout its entire range of speed.

The clutch sank beneath my foot; getting into gear was like slipping a watch into a pocket; and rounding a corner I received that characteristic reminder from the wheel to straighten up.

Right at that moment, the influence came over me. It was a feeling of elation, a glad consciousness of having the right car. I knew I was master of traffic.

In and out we glided, stopping smoothly but almost instantaneously with those safe Four-Wheel Brakes, darting on again at the word "Go"—anxious for the city limits.

There is a bad stretch of road there, but the V-63 smoothed it away, riding the ruts with an ease which seemed to deny their presence. I knew then what riding comfort means.

All of this time I had been conscious of that V-Type eight-cylinder engine—or, to put it more accurately, conscious that I was unconscious of it.

And now a fine, clear road pointed straight as an arrow to the skyline challenging a test. The green farms raced by as the figures turned up on the speedometer—45, 50, 60, 70—I held it there.

What a thrill that was! Speed, yes. But speed indescribably exhilarating, speed without vibration or effort—comparable only to a flight through space.

I remember having a curious feeling that we were idling along when the car came down to thirty.

Such smoothness and quietness! Above all, it is the effortless performance of this harmonized engine that sets the New V-63 above and apart.

You may think you know the joy of it, but you do not—unless you, too, have driven the car.

And if you have, I believe you will agree with me that V-63 performance cannot be described or prejudged. It is the revelation of a ride.
The Joy That Comes With Music

NEW YORK LONDON PARIS MADRID

The eolian company

The Duo-Art Reproducing Piano

The calming cadences of exquisitely wrought music—the tone poetry of such as Gabrillo-witsch—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 Music's tenderest moment—perhaps—the family music popular seventy years ago. Often the imprint, emboss, or other lettering has been obscured or removed by framing; the frame's sunk mount should always be taken off, therefore, to see what lies beneath. As other methods of recognition, there is costume, there is period of subject, and there is technical production. As to costume, the Bride wears the deep lace flounce below bare shoulders, the Bridesmaid carries the small, light, fringed bouquet of the period, and in The Lovers' Letterbox and The Day before Marriage the bodice and ample skirts of the time appear. As to subjects, many of the prints refer to events of the Victorian era—Foreign Missions, the coming of the iron ship, Australian goldfields, international exhibitions, the Arctic expeditions, the Crimean War, the Indian Mutiny, and the portrait prints, of Queen Victoria, Prince Albert, Wellington, Peel, Louis Napoleon, Empress Eugénie, and Jenny Lind, indicate the contemporary time.

As to technique, a print, seen through a lens, reveals that first an engraved plate produced a flat impression, in pale or neutral tint, that then wood-blocks (often as many as 24), each cut away in places so as to color parts of the print only, were applied; that each of these conveyed a different tint or color, that each was so exactly applied, with such accurate "registration", that is to prevent any overlapping or blurring of the effect produced by any of them, that oil colors were used (an innovation); that a fine "bloom" was given to the ultimate surface, perhaps by hot-rolling; and that then the print was affixed to a suitably tinted mount. A few of the prints—those of Nelson, Napoleon and Peel in particular,—have been counterfeited, by the three-color process, and placed on forged stamp-monts, but the wire-screen that used will be revealed by a lens.

Some contemporary London printers, such as Le Blond and Kromheim, took out licences to use Baxter's patent process and, when he became bankrupt, bought his plates and blocks, but none of them rivaled him in craft success. "Le Blond" prints are now collected, and many of them bear a second imprint, that of "L. A. Elliott and Co., Boston, U.S.A.", a firm which perhaps some reader may be able to trace. In 1909 Robert S. Le Blond informed a Cincinnati editor that "Le Blond Duets" are prints by Le Blond and Co. from Baxter's plates and wood-blocks, and the name "Le Blond" is now often cut away, fraudulently, so that the print may be sold as a Baxter; usually, however, the "Le Blond" registration was imperfect, the block-printings were fewer, and the colors less brilliant or lasting than in the Baxter prints.

If a collector of Baxteries desires to frame them, no sunk mount should be used, or the sunk mount should be cut away to show where the imprint and title appear on the original mount; in keeping with Victorian practice, the frames might be reocc goldplated, or birds-eye, or satin-wood. Collectors usually keep these prints in portfolios or solander-boxes, however, avoiding continuous exposure of them to light.

HOUSE & GARDEN's Bulletin Board

A LOVING reader (the editor's counterpart of the physician's grateful patient) has sent us a copy of "The Ladies' Wreath and Parlor Annual". A charming volume this, with quaint flower pictures and pious poems and stories that must have made the maiden hearts of the '50's palpitate. But what amused us most was the fact that the editor's picture was used for frontispiece, "reproduced from a recent daguerreo-type". What a shock the magazine readers of this country would have if all the editors would suddenly blossom forth as frontispiece! Which reminds us that with the July number HOUSE & GARDEN collects from two birthdays—its own and its editor's. The magazine next month enters on Volume XLVI, indicating (since there is a new volume every six months) that it begins its twenty-third year. June marks the completion of our tenth year as editor. We expect to buy ourselves two birthday cakes—and consume both of them.

A PROMINENT New York jewelry firm, that also deals in fine stationery, has just sent us some sample invitations that read, "Mrs. So-and-So will be at home informally Friday afternoons in June in the garden at Rosencrantz, Blankville, Ct. Entertaining in a garden! What a brilliant idea! You could have these cards engraved and leave space for the special flowers that are at their best in certain seasons. We recommend these cards to all owners of beautiful gardens.

THE ARDOR FOR BAXTER PRINTS

(Continued from page 91)

(Continued from page 91)
The re-awakening of the artistic spirit during the last two decades has developed a notable improvement in the architecture of American country houses and a growing demand for its complement—better furniture.

Like architecture, the art of cabinetmaking finds its best expression today in the faithful reproduction or sincere adaptation of those masterly works which have survived the centuries because their design embodied the principles of true art.

To perpetuate these traditions, this establishment maintains at historic Fort Lee, atop the Palisades, a community of skilled cabinetmakers. These artisans, imbued with the same ambition that inspired the craftsmen of yore to strive for perfection rather than "production", have succeeded in restoring to cabinetmaking its former glory as one of the Fine Arts.

Their beautifully wrought furniture, ranging from pieces of engaging simplicity and moderate cost to objects of elaborate character, is on view at these Galleries, where you are welcome to stroll about at your leisure. In planning the furnishment of either a single room or an entire house, the aid of experienced decorators is always at your command.

New York Galleries
INCORPORATED
417-421 Madison Avenue
Forty-eighth and Forty-ninth Streets
Furniture : Reproductions : Decoration
BERKEY & GAY FURNITURE

BERKEY & GAY Furniture perform s its supreme mission as it
joins Beauty to Usefulness. In the art-
istry of its designs, reflecting ever anew
the genius of the ages, it must fulfill the
purpose for which it was fashioned.
It grows more lovely, growing old. To
it your home it will bring the richness
of its designs. Reflecting ever anew
the beauty and artistry of its designs,
the genius of the ages, it must fulfill the
purpose for which it was fashioned.

(Continued from page 62)

SOME ASPECTS OF ELECTRIC COOKERY

(a) It is ship-shape because of the
cleanliness of it, and, when a thing
boils over, it purrs no flame, but
burns itself off.
(b) It is a clean fuel.
(c) It is non-odorous.
(d) It is reliable and convenient.
Electricity is not dangerous or a
nuisance.

(a) Suppose a fuse does melt! All
that you do is to screw on another new
fuse.
(b) It is well to have the fuse rack
in front of the stove (or at the side),
so that you can easily see which fuse
needs replacing.
(c) It is true, you can't attach the
range to the ordinary electric socket.
But once the installation and extra
wiring are made you need worry no
longer. It takes from 2500 to 10,000
watts to run a range, and hardly ever
more than $500 watts is expected on
your electric light current.
(d) Don't go away and leave your
electricity turned on. For it will, of
course, burn out the heating element
and cause trouble and expense.
(e) New heating units are always
easily replaced.
The oven does not retain odors.
(a) If you air the oven after
highly flavored food has been
cooked therein, there will never be
a souvenier!

There are two ways of cooking by
electricity. In one case, you place the
cooking vessel on top of the heated
wire coil and get the benefit of direct
heat. In the other case, the vessel is
placed on a metal plate which is itself
over the heating unit.

COTTON FABRICS FOR THE HOUSE

This Shop Mark
is inset in every Berkey & Gay produc tion. It is the cus-
tomer's protection when buy­
ing and it pays him over after

The heay weight fabrics are:
Canvas, Aaising, Deck, Stout close
weaves, called duck because it sheds
water; for porch use.

Denim, Heavy twill of coarse yarns;
plain, striped, small figures.

Drilling, Drill, Stout twill
weave; light weight called Jean,
Middy Twill; yellowish tan called
Khaki.

Shiriki. Copyright silk trade name,
now generally used for heavy corded
fabrics with uneven wash or nubs in
the filling or weft; plain, tape,
striped; over 100 sunfast colors in-
cluding Spanish stripes.

Needle work made of these fabrics
are available at prices ranging from
$3.50 to $5,000.

BERKEY & GAY FURNITURE COMPANY
GRAND RAPIDS

New York Wholesale Showroom: 115 West 46th Street
(Admission by letter from your merchant or decorator)

In the first instance, care must be
taken not to jab the unit when heated,
lest you break the wire. However
should this remote accident happen, it
is very simple either to restr ing the
units with new wire yourself, or carry
the unit to the nearest electrical shop
for restr ing.

Another type of electric cooker is
the free stove, automatically cooking,
with a timing device, so that you
can go to a Mah Jong party and
know that the electricity will turn it­
self off, and when you return the dis­
ner will be beautifully prepared on
retained heat. These cookers have, in
a few instances, reached an almost
miraculous pitch of perfection. In
some of these you need no extra wir­
ing, so you can cook on the top if
you want to cook rapidly—fry an
egg, warm over some potatoes, etc. —
or cook inside the cooker if you
want to leave it to its own modern
devices.

There is, too, on the regular elec­
tric range a device by which even
sweating is overcome, a type of ven­
tilating rod, used to allow steam due
to condensation etc., to escape.

Many of the ranges with the low
temperature cooking units afford a
saving in electricity, which, in con­
nection with their speedy cookery,
amasses quite a saving in time and
money.

So you can cook free from pain
with electricity, all things being con­
sidered, if you will take electricity as
the benign force it is and not a
strange alien intruder, which is mag­
ic and not practical.

The general American idea of a
curtain to hang behind the glass or
over a window shade is a white cur­
tain: lace or net downstairs and dot­
ted swiss, marquisette or voile up­
stairs.

This idea is being replaced in the
North by more individual treatment
of whole houses and rooms; but the
sunny South, except on its winter
playgrounds along the water line,
still hangs its windows almost wholly
with cottons and white cottons at
that. In summer, down come the white
curtains all over our land; blinds
that have hibernated come into use
in the South, and the North takes to
colored cotton over-draperies and
slip covers. Mercerizing cotton, which
gives it a lustrous finish and smooth
weave, plain, striped, figured, for
porches.

Blankets and Table felt are made of
cotton. Plain cotton weaves are
also glazed or coated for window
shades, oil cloth and imitation
leather.

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in the South, and the North takes to
colored cotton over-draperies and
slip covers. Mercerizing cotton, which
gives it a lustrous finish and smooth
weave, plain, striped, figured, for
porches.
ONLY PACKARD CAN BUILD A PACKARD

SIMPPLICITY

One cylinder block
One carburetor intake header
One exhaust manifold
One exhaust pipe and muffler
One water pump
One front end chain

One piece crankshaft
Two hose connections
Lighter weight
No cross fire
Vibration freedom
Low upkeep cost

ACCESSIBLE

Camshaft
Valves
Front end chain
Generator

Starter
Distributor
Carburetor
Oil pump strainer

ASK
THE MAN
WHO OWNS
ONE

PACKARD EIGHT
as flower garden subjects, though useful and ornamental in other and more appropriate situations. (I refer to such rank growers and spreaders as Boltonia, the Sunflowers, most of the Rodheickias, Monarda and Physostegia, and to those that are suited only for the rock garden or the wild garden, or for corners and beds that are in deep shade.) So, of the fifty-six native species usually listed, the following nineteen are all that are really worth considering here.

The garden Phloxes are not included in this list because they are hybrids of foreign origin, the result of crossing Phlox paniculata and P. maculata, both rather unattractive natives. Many of our wild Asters, however, are equal in habit and color value to the named varieties produced by European hybridizers and they improve wonderfully under ordinary garden cultivation. The Lily-of-the-Valley is indigenous to Europe and Asia as well as this country, in fact all our supplies are imported.

There are several collectors and dealers in different parts of the country who specialize in native wild flowers. From those who are located in the East may be obtained the following kinds whose natural habitat is in the States this side of the Mississippi river and which are not, as a rule, obtainable elsewhere, unless personally collected.

*Anemone canadensis (Meadow Anemone). Height 1-2 feet. Flowers white, from May to August. Prefers moist situation.

*Aquilegia canadensis (American Columbine). Height 1-2 feet. Flowers red and yellow, from April to June.


*Baptisia tinctoria (Wild Indigo). Height 15-24 feet. Flowers yellow, from June to August.

*Dicentra eximia (Fringed Bleeding Heart). Height 1-2 feet. Flowers purple, in May and June. I. cordifolius (Blue Flag Iris). Height 1/2-2 feet. Flowers violet-blue, tinted yellow, from May to July. Prefers moist situation. If collected, select for color and size of blossom. Improves greatly in the border.


*Loelia siphilitica (Large Blue Lobelia). Height 1-3 feet. Flowers light violet-blue, from July to September. Prefers moist situation. If collected, select for color and size of blossom. Improves greatly in the border.


*Michelia repens (Partridge Berry). Creeping, forming dense mats. Flowers pinkish, fragrant, in May and June. Bright red berries later. One of the finest ground covers, in either sun or shade.

*Polygonatum commutatum (Great Solomon Seal). Height 2-4 feet. Flowers pale green bells, in May and June. Prefers moist soil. Very graceful and decorative.

*Smilacina racemosa (False Solomon Seal). Height 2-4 feet. Flowers white, in beautiful terminal plumes, in May. The writer has suggested the

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**NATIVE PLANTS FOR GARDENS**

(Continued from page 87)

<table>
<thead>
<tr>
<th>Botanical Name</th>
<th>Common Name</th>
<th>Original Habitat</th>
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</thead>
<tbody>
<tr>
<td>Aquilegia species</td>
<td>Columbia</td>
<td>Rocky Mountains</td>
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<tr>
<td>Asters species</td>
<td>Butterfly weed</td>
<td>Country-wide</td>
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<tr>
<td>Calliclora involucrata</td>
<td>Hardy Aster</td>
<td>West of the Mississippi</td>
</tr>
<tr>
<td>Cirsium arvense</td>
<td>Poppy Mallow</td>
<td>Blue Ridge Mountains</td>
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<tr>
<td>Coreopsis grandiflora</td>
<td>Coreopsis</td>
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<tr>
<td>Eschscholzia californica</td>
<td>Snow Thoroughwort</td>
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</tr>
<tr>
<td>Gaillardia aristata</td>
<td>Mint Flower</td>
<td>Middle West</td>
</tr>
<tr>
<td>Helianthus annuus</td>
<td>Galins</td>
<td>Middle West and South</td>
</tr>
<tr>
<td>Helenium species</td>
<td>Sneezeweed</td>
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</tr>
<tr>
<td>Helianthus laetiflorus</td>
<td>Coral Bells</td>
<td>Arizona</td>
</tr>
<tr>
<td>Lobelia cardinalis</td>
<td>Cardinal Flower</td>
<td>Eastern States</td>
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<tr>
<td>Lilium canadense</td>
<td>Canada Lily</td>
<td>Eastern States</td>
</tr>
<tr>
<td>Lilium superbum</td>
<td>Turk's cap Lily</td>
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<tr>
<td>Lupinus species</td>
<td>Lupine</td>
<td>Country-wide</td>
</tr>
<tr>
<td>Oenothera species</td>
<td>Sunflower</td>
<td>East of the Mississippi</td>
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<tr>
<td>Phlox divaricata</td>
<td>Blue Phlox</td>
<td>Country-wide</td>
</tr>
<tr>
<td>Petunia species</td>
<td>Petunia</td>
<td>West of the Mississippi</td>
</tr>
<tr>
<td>Salvia mora</td>
<td>Hardy Sage</td>
<td>Near the Mississippi</td>
</tr>
</tbody>
</table>

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**FINE TABLE LINENS for Summer Hospitality**

EVERY hostess knows that to complete the charming summer setting she must have fine Table Linens of summery daintiness and softness. For this reason she prefers McGibbon Quality—famous for over half a century.

Abundant is the McGibbon selection—Imported and Domestic Luncheon Sets exquisitely embroidered, beautifully face-trimmed, artfully colored. Neatly patterned Breakfast Sets whose colorfulness is fascinating! Whether their beauty lies in their handsome designs or in the tasteful simplicity which accentuates the fine texture of the material these Table Linens conform to the McGibbon standard of excellence—and are modestly priced according to McGibbon custom.

The hand-drawn Luncheon Set illustrated is made of Ecru Italian Linen—a very special value at $12.25. This charming set includes Six 6 inch doilies, Six 10 inch doilies, one 24 inch centerpiece.

For descriptions of our Fine Household Linens write for Illustrated booklet No. 62.

---

House & Garden

3 West 37th Street—New York

NEAR FIFTH AVENUE

HOUSEHOLD
LINEN

INTERIOR
DECORATION

LACES
CURTAINS

---

---
Sterling Silver endowed with slender grace by skillful workmen seems to say all the things we feel about the native beauty of precious metals, and the warmer beauty of human handicraft at its best moments. This fullness of artistic expression, with all the domestic associations of fine silverware, suit it admirably to be the bride's gift.
name Solomon's Plume for this handsome plant instead of the mimion as it
resembles. *Veronica virginica* (Culvers-physics). Height 2-3 feet. Flowers
white, terminal spikes, from July to September. Viola species—*V. narina* (Sweet
White Violet). Height 3-5 inches. Flowers white, fragrant, in April and May. *V. canadensis* (Canada Violet). Height 6-12 inches. Flowers white, tinted purple
outside, fragrant, from May to November. *V. papilionacea* (Butterfly
Viola). Height 4-7 inches. Flowers purple-blue, large, from April to June. The commonest blue violet. *V. pubescens* (Downy Yellow Violet).
Height 6-15 inches. Flowers bright yellow, in April and May.

FOR COLLECTION ONLY

Here are fourteen of my personal favorites among the scores of neglected Eastern wild flowers that even the collectors and dealers in native
plants ignore. So they must, perform, be brought in from the wild, or grown
from seed, gathered when ripe.

*Adonis aestivalis* (Spreading Dogbane). Height 1-3 feet. Flowers pink, in clusters, shaped like those of the Lily-of-the-Valley and deliciously fragrant. Grown in
English gardens since 1688. Aster spectabilis (Sea-side Aster). Height 1-2 feet. Flowers large, deep blue-violet, from August to October. Prefer sandy soil.

Chrysogonis mariana (Golden Aster). Height 1-2 feet. Flowers golden yellow,


Lythrum salicaria (Swamp Candle). Height 8-20 inches. Flowers yellow dotted red, in spike-like clusters, from June to August. Prefers moist, sandy location. Grown in English gardens since 1790. Mimulus rigens (Monkey-flower). Height 1-3 feet. Flowers blue to purple,

We have no more beautiful wild flower than this. Scenecio aureus (Golden Groundsel). Height 1-2½ feet. Flowers gold yellow, orange centers, from May to July, exceptionally brilliant. Prefers moist location. Silene stellata (Starry Campion). Height 2-3 feet. Flowers white, star shaped and fringed, from June to August. A daintily beautiful wildling.

FORE MOUNTAINS AND PRAIRIES

I am indebted to D. M. Andrews,
Boulder, Colorado, for suggesting
the following wild flowers of the
Western mountains and plains as
lovely and tractable kinds for the
dehybar border. There's only a dozen,
but that will do very nicely as a
starter. I have grown several of them
and found them wonderfully beauti­ful, especially the Pentstemon.

Anemone patens (Spreading An­enome). Height 3-16 inches. Flowers blush purple, in April. Delphinium nutlensis (Nelson Lark­spur). Height 8-10 inches. Flowers deep blue, from May to August. Iris missouriensis (Rocky Mountain Iris). Height 1-2 feet. Flowers bright blue, or pure white, in May.


Malvastrum coccineum (Scarlet False Mallow). Height 4-8 inches. Flowers deep scarlet, in late summer. Pentstemon alpinus (Mountain Penstemon). Height 12 inches. Flowers deep blue, from May to August. (Mr. Carl Purdy offers a superb Penstemon hybrid under the name "Blue Bedder." See illustration.) Phlox multiflora (Alpine Phlox). Height 3-4 inches, creeping. Flowers large, lavender to rose, fragrant, in summer.

Synthyris planagina (Kittenteails). Height 10 inches. Flowers light blue, in spikes, all summer. Townsendia exscepta (Eastern Daisy). Forms downy rosettes of narrow leaves with large daisy-like, rose-white blossoms, in April and May. Valeriana acutiloba (Mountain Valerian). Height 10 inches. Flowers white or pink, fragrant, in spring.

Viola pedatifida (Larkspur Violet). Height 4 inches. Flowers violet-blue on long stems, in April and May.
ELIZABETH: "AND I THOUGHT THEY WERE THE MOST HAPPLY MARRIED COUPLE IN THE WORLD!"

ANDREW: "WELL, THERE ARE THINGS THAT EVEN WIVES AND HUSBANDS DON'T DISCUSS."

[Listerine used as a mouth wash quickly overcomes halitosis (unpleasant breath)]
When Canal Street Was the "Fifth Avenue"
And Andrew Jackson Was President

Back in the year 1837—
In those delightful, quaint old days of Hoop-Skirt and Snuff Box—when the Beaux and Belles kept their trysts at Bowling Green and Gramercy Park was a Suburb—there came a certain Ship with a wondrous cargo—

A cargo that marked the very first time that America was to see the fine china of England. And it was Davis Collamore who introduced it.

Davis Collamore & Co. has continued to give to America the most superb examples of the finest Minton, Copeland, Royal Worcester and Royal Doulton. Great, glittering Galleries of China and Crystal, Gift goods, and Antiques. From England, France and the Orient. The choicest the world has to offer.

Davis Collamore & Co. caters alike to the Home luxurious and to the Home modest. One may purchase a Dinner Set of 200 pieces for $2,500 or a Dinner Set of a pleasing design for as little as $39.00. An unapproachable variety of designs and patterns. All exclusive and all of a quality beyond compare. Not high prices—but high quality at low prices. You pay no premium for the Davis Collamore elegance. Your satisfaction and pride of possession are everlasting.

Special Presentation of Appropriate Gifts for Weddings, Graduations and Anniversaries. Table China and Crystal for the Country House. Entire Fourth Gallery devoted to Antique China and Novelties.

SOME INTERESTING DETAILS FOR THE GARDENER'S SCRAP BOOK

Artists of the Renaissance knew the decorative value of marshalled trees with stems entirely bare and spreading crowns. This alley of interwoven Cherry trees is in a garden at Witteringham, England.

The gateway in the clipped hedge at the top of these stairs is an unusual feature of an old English garden.

This hexagonal garden house, built in the 18th Century, is a feature in a garden at Bradford-on-Avon, England.

"A NATIONAL INSTITUTION"

"MORE THAN A STORE ~ AN EXPOSITION"
Fifth Avenue at 48th St.
NEW YORK

"Established" 1837

Davis Collamore & Co.
WOMEN recognize that the Buick Five-Passenger six-cylinder Sedan offers more than beauty, luxury and extraordinary comfort. It combines these qualities with such unusual skill that this Sedan possesses all of the distinctive originality of a custom-built car. They recognize that not only do the 70 H. P. Buick valve-in-head engine and the Buick four-wheel brakes provide power to travel everywhere and to stop as quickly as any need may require—but that this Buick dependability will continue undiminished throughout many thousands of miles of driving.

Believing that your new 1924 models would be as satisfactory as the 1921 model Buick Roadster we used for two years, we decided to try the big 7-passenger Sedan and we are glad to say that our new car has been very satisfactory in every respect. The 4-wheel brakes have given perfect satisfaction. The new motor gives the car sufficient power to enable one to take all hills with ease and the comfort of riding on all kinds of roads has been greatly increased in this new closed model.

Very truly yours,
H. B. Harris

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.
HOW conspicuous one's bathing suit is, yet often how little thought is given to it.

Jaeger bathing suits, aside from being guaranteed 100% pure wool and fast color, are closely knitted of fine, soft yarn, tailored so that the neck and armholes fit properly. Each seam will withstand the stress and strain of active wear and preserve their shape.

Quality Suits Moderately Priced

Women's Elastic Knit Suits, as illustrated, in red, powder blue, navy and black $6.50

Women's Plain Knit Suits, with white web belt, in navy and black $5.50

The man's suit (illustrated) has a striped shirt. White and royal blue, white and Columbia blue or red and black, $3.00. The trunks of fine quality white flannel are $5.00 or in navy blue flannel, $4.25. Plain white bathing shirts may be had in two very good qualities at $2.25 and $3.50.

The Flannel Jumper (right) is carefully tailored of very fine twill flannel in beige, azure, nickel, artichoke, brick dust, navy and black, $10.50. The matching skirt features the panel back and front, with hip pleating, $16.00.

ORDERS BY MAIL

will have our careful attention. Samples of flannel, illustrated booklet or Bathing Suit Pamphlet mailed on request.

FOR THE GARDENER'S SCRAP BOOK

It is often desirable to mark the crossing of the main paths in a garden by a sundial or bird bath. An old Italian fountain is used here.

A niche in the garden wall on the McLean estate at Southampton, L. I., holds a faun and below it the fountain and basin.

This long pergola is an excellent example of a simple design, ordinarily squared timber serving for posts and lighter pieces above.

The Rose garden of an old English place, showing the wide ragged paths that give value and dignity to the simple design of the broad Rose beds.
RUDDY glow of waning sun, gentle sway of curtains, slender gleams of soft light playing over dark panelled walls; a narrow strip of silvery whiteness, the dinner table stands, set for the evening meal.

A multitude of our most precious memories cluster about just such little vignettes. Our whole past is intertwined with our possessions.

Wherever are people of refinement; wherever are people of vision; there will always be found the genuine and the lasting.

Treasure Solid Silver is cherished increasingly through generations. Its purity of design and grace of line are ever a joy to people who enrich life with beautiful things.

Treasure Solid Silver will remain a perpetual symbol of that noble need in you to express yourself generously in beauty that endures.

When Shadows Lengthen

ROGERS, LUNT & BOWLEN CO.
12 NORWOOD STREET
GREENFIELD, MASSACHUSETTS

On the right is shown the William and Mary Style Water Pitcher ($6.50) and Tray ($20). A complete line of hollow ware is available in this popular William and Mary pattern: Tea Set, Coffee Set, Candle Sticks, Fruit Bowl, Bread Tray, Sandwich Plate, etc.

Most good jewelers carry Treasure Solid Silver, but should you have the least difficulty in finding exactly what you desire, please write us. If you are interested in receiving catalogue of any of the patterns illustrated above they will be gladly sent at your request.

"Treasure" Solid Silver
Tables Add Much to a Home’s Charm

BEAUTIFUL tables will help you make your home more attractive. The distinguished library table above, with its handsome pedestals and mahogany surfaces, will bring fresh charm to the living room.

A dainty tilt top table changes a bothersome corner into a point of interest. A small gateleg by the window has decorative value. A graceful console and mirror relieves an unattractive wall space.

Imperial Tables present beautiful period designs of old world furniture masters in fine, enduring woods by skilled Grand Rapids craftsmen. At leading furniture stores in your city you will find broad collections of Imperial Tables, from the little book or end table priced at a few dollars, to great living room tables, richly carved. On each appears the famous shield trademark pictured above, a promise of good workmanship from the world’s largest table factory.

Various ideas for home enrichment are given in our handsome free booklet, “Heirlooms of Tomorrow.” Write Dept. E for copy, and give name of your store.

IMPERIAL FURNITURE COMPANY
“World’s Largest Table Factory”
GRAND RAPIDS • MICHIGAN

(Craftsmanship and Architecture (Continued from page 81))

A wrought iron decorative sconce. Kentuck, Heath & Warmen

These two designs for sconces in wrought iron are suitable for hallways and living room use. Courtesy of Arthur Toddhunter

Wrought iron lock and latch from W. Irving Forge, Inc.

Craftsmanship and Architecture

be to embark on a treatise. True, too, of Renaissance Spanish ironwork, though one detail of this affords a special clue to its very noticeable difference from the Italian work. A great many of the metal workers of old Spain were Moslem, so that the iron they wrought took the imperishable imprint of the strange artistry and imagination of that race which so profoundly influenced and stamped the whole art and architecture of the country. In Spain of the Renaissance iron was wrought with peculiar sympathy, and with a technique by no means to be confused with that of Italy. To the Spanish arifacrer iron was such an intimate material that he was able to introduce it with both grace and logic even in furniture, when he contrived the characteristic S-shaped wrought iron underbracing of tables. And much of the character of ironwork, both Spanish and French, came later to New Orleans.

In this country the early forges of the Colonists produced a distinctly native type of ironwork which admirably expressed the fine sense of design and proportion of the period, in terms of an interestingly direct and simple technique. With the Classic Revival came cast iron, and for a brief time its design was pure and finely in keeping with the architectural style and feeling of the period. Cast iron, of course, debased along with the whole of architecture in the seventies and eighties, and did much, by its heavy, ill-designed ugliness, to prejudice any kind of iron work as an architectural accessory.

Recent years, however, have seen a lively and richly productive revival of real wrought iron. Medieval, Italian and Spanish in its lineage, and this revival has added to architecture a distinct and interesting element of craftsmanship which has been a real contribution to the more carefully studied architecture of our own day. It is obvious that adaptations of the Italian villa, as well as the Italian town houses, and the more recently popular Spanish types of house would entail the aid of incidental ironwork to express their origins. But wrought iron has also been very effectively used to add an interesting note of craftsmanship to non-stylistic houses designed more or less in the English cottage manner, with emphasis on the textures and natures of building materials. For this kind of house fixtures of wrought iron are excellently in character. They seem to carry out not only their self-evident architectural purposes, but to express the very spirit of the house. (Continued on page 110)
RENEWED interest in decorations of the Spanish style calls for fabrics of unusual beauty. The "grand manner" marked every phase of the Spanish Renaissance and suggested the tooled leathers, and the cloths of gold, which are associated with it. Particularly fine were the velvet and brocade wall hangings, flaming in color and sumptuous in effect because they had to supply warmth and richness to halls which were both princely and cold.

The modern decorative idea is to keep the dignity and beauty of the Spanish manner but to make it livable as well. The velvet illustrated is of Georgian inspiration. The classic dignity of the design and the subdued richness of its coloring correspond perfectly to the Spanish style.

This type of design—a lattice-like pattern with formal vases, birds and garlands—was also greatly favored for English houses in the eighteenth century. Both in its lovely tones and the silken depth of its pile, this modern velvet reproduces the beauty of its classic originals. This fabric, as well as a plain velvet that matches it in the light and shade effect of its ground, may be seen by arrangement with your own upholsterer or decorator. He will also gladly attend to 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 City. Offices also in Boston and Chicago and Philadelphia.
Revolutionized by this modern range. Even city women, using gas, get no faster cooking—no cleaner heat.

Extra shelf space—saving steps. Removable burner tray—porcelain-enamelled for easy cleaning.

Good-to-look-at as it is fine-to-cook-on. Ask your dealer for a demonstration today.

At your dealers you will find styles and sizes ranging from $7.00 to $145.00, to suit every requirement—each one the utmost in cooking satisfaction at its price.

THE CLEVELAND METAL PRODUCTS CO.
2180 Plain Avenue
Cleveland, Ohio
Also makers of the well known PURITAN short chimney oil stove.

A Tender Roast with Just-as-Gas Superfast Burners

The range, built in oven is equipped with convection—knob-turning—stainless steel—burners perfectly.

Each range is equipped with one "Big Giant" Burner for super heat or quick cooking in large quantities. As fast as the giant gas burners. The others are "Little Giant" as fast as standard gas burners.

Your Dealer will Demonstrate

ON HOUSE & GARDEN'S BOOK SHELF


Those who knew enough to be grateful for Mr. Richardson Wright's "Truly Rural" will welcome this new volume in a similar vein. Mr. Wright declares that the publication of "Truly Rural" made no ripple in the sea of books. Books of essays seldom do. We don't expect them to be best sellers. They belong to those meditative "side roads" of Literature of which he writes so charmingly in this new book. They are not meant for Main Street, for, as Mr. Wright says, "the main streets of the world's cities are nod streets, the side streets are streets of unusually definite interest.

In the utilization of wrought iron, as in the use of any other material in any of the arts or crafts allied to architecture, it is very important to cultivate a delicate sense of form, function and technique of the material.

The "feeling" of wrought iron work, from the designer's viewpoint, is that while it possesses, inherently, the facts of strength, its nature allows it to be fashioned with a great deal of finesse and delicacy, and this is the basis upon which to criticize and appreciate values. There is, too, the element of craftsmanship to be reckoned with. Craftsmanship evolves and develops technique, and the technique with which any material is wrought entirely determines the character of the finished work.

The present time, architecturally, is one in which building materials are being allowed to express their natural properties. Brick is evolved toward texture, wood is rough-hewn, texture, again, is effected with stucco. And wrought iron, in most instances today, is allowed to look, as it says, a product of the forge and the anvil. Old traditions in design and in workmanship in wrought iron are more actively alive than they have been for years, and there seems to be a widening appreciation not only of the architectural interest of wrought iron as an accessory, but also of varieties of technique. In such appreciation lies the hope of architecture. If people like to have incidental ironwork here and there about their houses because they think it is rather a "knowing" thing to do, it would result in no more than a mere fad. But if they want incidental ironwork on and about their houses because they like the vigorous technique of its making, because it is an interesting detail of building, and because its aesthetic historic traditions mean something—then the addition of this form of craftsmanship to architecture holds highly interesting promise of further development and more frequent use.

(Continued on page 134)
BRINGING THE KITCHEN UP TO DATE
—with no remodelling and little cost

BY LOIS M. WYSE, DIRECTOR HOOSIER TEST KITCHENS

A MAN wouldn’t work under conditions as trying as many women meet in their own kitchens,” remarked a noted domestic science authority, not long ago.

And yet a woman does more wishing in and for her kitchen than any other room in the house! But because it is so essentially her room, she too often lets it go—a cheerless place, dismally lacking in convenience.

But do you know that you can have the very kitchen you have longed for—now, with no fuss of remodeling and very small expense?

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First of all, of course, you will want what no really modern kitchen ever lacks—a working center! For this very purpose, the Hoosier Kitchen Cabinet was designed; in it you have scientifically planned conveniences to save your time and strength. In no other way can you have a working center so complete in every small detail!

The additional cupboard space that every kitchen needs is supplied in the Hoosier movable units, single or double size. These you may use as an extension of your cabinet or in other suitable places. Whatever the arrangement, you have a complete kitchen suite, matching in finish and design, as uniform as if made to your own special order—and so much more handsome and convenient!

With this cupboard space right in the kitchen where it ought to be, you can have another delightful kitchen feature. Turn the old, impractical butler’s pantry into a cozy breakfast alcove!

Here the Hoosier Breakfast Set of table and chairs finds an ideal setting. Of shining white enamel, gayly decorated, this dainty set adds charm as well as practical use anywhere in the kitchen.

For the new house as well, Hoosier Kitchen Equipment will furnish your kitchen more completely and invitingly than any of your own devising and building. Ask your architect to figure on it; visit the Hoosier store in your town where you may see the very sizes you need for your kitchen.

Let us send you our interesting new book on modern kitchens

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The proportions of this house give the picturesque effect of the small villas of the Renaissance. The door moulding is characteristic of the Italian and Spanish manner, while the delicate iron balcony is quite distinctly Spanish. Thus the harmony of perfect design is carried to the roof. Here you will find Tudor Stone slate in its varying thicknesses. Rugged in effect, with color mellowed in a perfectly blended combination of soft gray greens—flashes of purple and here and there highlights of brown and yellow. The roof not only conforms to the design but with the spring or autumn foliage as its background gives a feeling of quiet and dignity.

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 unusual iron lamp at the right with the scan decoration is $15.50. Painted, $6.25 extra. Chiffon and silk shade, $15.50

A graceful hanging bracket for ferns or flowers. Wrought iron touched with gold. Inside tin container, 11 inches high, $18.50

This practical and decorative iron umbrella stand is touched here and there with gold. 19 inches long, 21 inches high, $15.50

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THE ENGLISH FIREPLACE

(Continued from page 116)

One feature of the English fireplace which is encountered with comparative rarity is the metal hood. This device serves two purposes; it helps to provide a more certain draft, and increases the radiation. Whether made of sheet iron, brass, or copper it quickly gathers heat from the fainted fire, then throws it with extraordinary vigor out into the room. The small, corner fireplace is also a more familiar thing in England; where, to get a grate in every bedroom, it is often necessary to attach four fireplaces on a single floor to the same chimney, thus making the adjoining corners of the room the most practical situations.

The simple stone moulidng with the wood paneled surrounds make this a dignified and livable design. O. P. Milne, architect.
The clear glitter of perfection; the glamor of little sparkling lights; the enchantment of a living beauty caught and kept in crystal; the pure joy of color! These constantly increase your pleasure and satisfaction in Fostoria Glassware. In every piece, splendid in its simplicity of shape, there is always quality beyond question. . . . Stemware of every sort, goblets, sherbets, parfaits; sugars and creamers; candy jars and bonbon dishes; pitchers—plates; French dressing bottles, finger bowls; of course, candlesticks . . . . Everything the hostess skilled in the art of entertaining beautifully can desire. Multiple loveliness of iridescent glass-richness of deep-etched designs decorated with coin gold! Surely here is the right something with which to remember the bride or her anniversary. A wealth of delightful designs—ask for Fostoria Glassware by name. You can buy none better. The Fostoria Glass Company, Moundsville, W. Va.
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Roper recifile of card indexed recipes, mailed post paid and post haste for 35 cents.

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TRELLIS IN GARDEN DECORATION

(Continued from page 67)

pretty invention, most agreeable to the eye in the landscape.

They should be green in tone, and, as much for their preservation as for their visual charm, they should receive a coat of oil paint at least once a year. When they are not placed against a wall they should be consolidated by iron bars set at even distances.

Aside from using them for espaliers or separations, they became a source of ornamentation for galleries, porticos, and sun porches, the most complicated often being built with columns and pilasters, cornices and frontons, surmounted by vases, consoles, etc. There were even domes in which swung delightful lanterns.

I have no doubt that the summer house was a direct descendant of the trellised "Berceau" whose sides were made of lattice and whose dome was covered with grape vines. Berceaux, which are not only an ornament in gardens, but a great commodity, are either natural or artificial: when natural they are made of the interlaced branches of trees, Wisteria, Ivy, or Grape vines, and when artificial are real trellises as described above.

All these light constructions are extremely durable if their upkeep is constantly attended to. When I lived in the old Hôtel des Chalsons-Latome in Paris, the end of my little city garden was ornamented by a trellis niche which dated from the building of the house, about 1625. The trellises of Fontainebleau and Chantilly, to name but the best known, are still in a wonderful state of preservation and there is hardly a château in France that cannot boast of an espalier some hundred years old.

In England and in the United States trellises are usually painted white. This is never done in France, all the antique ones being originally painted a dark green which time and the elements have turned to a curious blue. It is only within the past few years that the French have painted their rosettes and trellises a pale, pale green. I must admit that I am not partial to this recent innovation. It seems to me that trellises ought to form an integral part with the foliage and not stand out in relief, for after all what are they but an artistic excuse for supporting the plants and vines? If the foliage is too sombre and apt to sadden a garden corner, why not use a vase or a statue in a trellised niche to obtain the desired light?
The Making of a Home

What a world of difference between merely building a house and making a home! One is a cold proposition—devoid of sentiment, lacking in feeling, minus the glow that the other affords and that occupancy keeps alive.

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From the practical standpoint they serve supremely well—being permanent in character, requiring no upkeep, and making small demands in the way of housework.

There are many places in your home where Beautiful Tiles ought to be used. The "Home Suggestion Book" will serve as a helpful reminder while you are deciding just how the different rooms should be finished.

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The "Si-wel-clo" reduces the noise of flushing to the minimum. It suppresses a noise you do not want heard and do not want to hear. It incorporates all the good mechanical features a water closet should possess and adds that of extraordinary quiet operation.

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HOW TO MAKE A GOOD LAWN

(Continued from page 74)

we may in consequence have to resort to substitutes, the best of which are pulverised sheep manure and shredded castle manure, of which one to three tons to the acre may be used, on small areas, one-half to one pound per square yard. The variation in the quantities recommended may be explained by the fact that the minimum quantities are sufficient to be effective, while the maximum figures are not excessive; their good effect will be evident over a longer period.

Having scattered the fertilizer or manure, the area should be harrowed or raked with a view to mixing these substances with the top layer of soil; our object is to place them where they will be available to the grass, which rarely has a root system deeper than four inches. Plowing or digging deeply at this stage would bury much of them beyond the reach of the grass roots. Another effect of the harrowing or raking will be finally to bring the surface into a fine condition to receive seed. On large areas a disc harrow or raker of the mouldering type will be found especially useful for this purpose.

THE SEED MIXTURES

The soil being now ready to receive the grass seed, the varieties to employ and the quantities to use may be considered.

There are over three thousand known species of grasses, the seeds of less than one hundred are in general commerce, and of these there are many which are desirable for lawn purposes in the northern United States. They are: German bent and Rhode Island bent, very fine leaved plants which thrive under moist conditions, redtop, a similar but coarser plant which also requires an abundance of moisture, Kentucky blue-grass, which, although not so fine in the leaf, is less dependent upon constant moisture than the foregoing. It is a very assertive grass and it spreads by means of the turf creeping stems or runners, which are produced in a manner very quickly in all directions by creeping bent plant may spread to occupy an area many square feet in extent. In a short time the grass rows come to spread towards one another and meet little competition from other grasses or plants at first will be comparatively far apart, and they will require some time before they will develop a matted turf. In the meanwhile weeds have it largely their own way, meeting little competition from the grass plants. One hundred pounds to the acre is a more satisfactory allowance, while two hundred pounds for each acre, or one pound to each twenty square yards, for small areas, is better yet as producing an effective lawn in the shortest possible time.

Sowing the seed is a simple process. A day is selected on which no wind is blowing, and the seed is scattered evenly over the whole area, by hand if our lawn is less than two acres in extent. For large areas a whirler-row broadcast seeder, costing well under twenty dollars, will be found more efficient. To cover the seed we rake the area once very lightly; for this purpose a collection of brushes nailed to a wooden frame, drawn by a horse and termed a bush-harrow is used, the object in both cases being to bury none of the seed deeper than half an inch. Finally, a roller is drawn over the surface and our work is completed.

THE VEGETATIVE METHOD

The new system of producing turf without seed, known as the "Vegetative method" may be referred to. In old lawns produced originally from German bent seed may be found occasional plants of creeping bent grass, which produces little seed, but has the property of spread­ ing very quickly in all directions by creeping stems or runners. At intervals along these runners new plantlets are produced in a manner similar to the strawberry, so that under favorable circumstances a single creeping bent plant may spread to occupy an area many square feet in extent.

Suggested by the system long employed by southern farmers in planting Bermuda grass, this property of creeping bent has been taken advantage of by many golf clubs and other large turf users during 1923. They have procured a few square feet of creeping bent turf, shaved out the soil, separated the runners and plants them end to end in rows half an inch deep and a yard or more apart in a turf nursery. Young grass quickly appears in the rows, and the inter­ val space is regularly hoed and watered. In a short time the grass rows commence to spread towards one another and they eventually meet.

When a new lawn is to be made some of the nursery turf is pulled up, (Continued on page 126)
A Copper Screen Cloth That Will Not Stretch

There is an idea in the minds of many people that copper wire makes a "soft" screen cloth that will stretch and bulge.

*That is not true of Jersey.*

Though it is made of copper 99.8 per cent pure—the most durable metal in common use—it has a stiffness and strength comparable to that of steel cloth. This is due to a special Roebling process which is applied exclusively to the wire used in making Jersey Copper Insect Screen Cloth.

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If your hardware merchant or custom made screen maker cannot supply Jersey, write us and we will send samples, an interesting booklet and tell you how to obtain it.

**Copper Screen Cloth**

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A Tuo Built-In System will make your home a cleaner home for all time. With a few strokes on the plan, your architect can do more toward keeping the new house clean than continuous labor can do afterward.

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**Vacuum Cleaning Systems**

Awarded Grand Prize at Panama-Pacific Exposition
HOW TO MAKE A GOOD LAWN

(Continued from page 124)

early stage they may be removed with little difficulty, but if they are not recognised they develop into strong plants, their finger-like seed heads are produced freely and they hug the ground so closely that the lawn mower does not cut them. With the first frost crab-grass turns red and dies, leaving large patches of bare soil where it has crowded out the desirable grasses. Each crab-grass plant has produced hundreds of seeds which have fallen onto the ground ready to cause increased trouble next year. Crabgrass and other weeds are much more troublesome in spring sown turf than in that sown in the fall. Frequent rolling the lawn with a light roller is more beneficial than the infrequent use of a heavy roller. Watering is necessary during dry weather, and an occasional thorough soaking is preferable to many light sprinklings. The most successful lawnmowers water early in the morning, using one or other of the sprinkling apparatus that will deposit a gentle shower over a large area without cutout. Rare or thin patches will show here and there on all newly seeded areas. They should be roughened with a sharp tooth rake, and a little mixed seed and soil scattered on them and pressed smooth with the foot.

TOP-DRESSINGS

One of the secrets of fine turf is to top-dress the lawn occasionally with clean screened soil mixed with some suitable plant food. Two ounces to the square yard of mixed fertilizer, or one ounce of sulphate of ammonia, or two ounces of bone meal or four ounces of sheep manure may be the plant foods selected to mix with four times their bulk of sifted soil. In this process of top-dressing we are able to replace those plant foods that are always being washed down into the lower soil away from the grass roots by drainage water in the soil. Dressings may be given in this way with advantage every month during the growing season.

Although lawns are comparatively free from enemies, some give trouble at times—earthworms, grubs, moles and so forth, also the brown-patch fungus and the dollar-patch. Regarding these we want to say only that one of the best preventives of trouble is to keep the lawn growing vigorously at all times by means of the top-dressings suggested above. Making a good lawn is not difficult, but it calls for hard work, but of all the productions of the gardener's art few respond more readily to painstaking care. The perennial satisfaction furnished by the perfect lawn is certainly well worth the time and trouble necessary to obtain it.

torn apart and cut into small lengths; these small lengths are mostly portions of runners. They are scattered thickly over the prepared soil, and immediately a layer of fine earth is spread over them. Plants are quickly produced, and they eventually develop into a mat-like turf that is wonderfully uniform.

The development of the creeping bent plants in the nursery occupies a year, and the process is therefore a long one; if a sufficiently large quantity of creeping bent turf is purchased immediately to plant a lawn the method is expensive; but the very marked uniformity of the turf produced in this way is considered by many to be worth the patience and cost involved. Some very fine results have been obtained by combining both the vegetative and seeding methods, first broadcasting the runners, covering them with soil and then sowing seed in the usual way.

THE CARE OF SUCH A LAWN

A vegetated lawn has to be watered constantly, but it is not usual to water a newly seeded area unless our work is followed by an extended period of drought. We avoid this possibility if we sow in early fall, from mid-August to mid-September, which is quite the best season of the year for lawnmaking in the North, the next best is as early as possible in the spring, and the worst time of all is during the summer. Cold need not cause us to hesitate to seed, and quite successful results may be obtained on level land by sowing on the snow.

After an interval of a week in the fall—ten days or two weeks in the spring—the young grass will show above ground. Cutting should commence as soon as it is two inches high. Weeds may be expected always to appear with the seedlings: not necessarily because weeds have been sown along with the grass seeds—usually seeds from reliable sources contain very few weeds—but all soils contain the seeds of all kinds of weeds, and many of these will start to grow at the same time as the grass. Fortunately for the lawnmaker, but few weeds will live under lawn conditions, the constant cutting kills them, but those few varieties which remain are best dug out by hand when quite small; the holes left by them are easily filled with a little mixed seed and soil so that they will quickly heal.

Most weeds are readily recognised, but one that is quite hard to detect is crab-grass. Well after corn-planting time a crop of young grass plants, very different to the grasses we have seen, may be observed; in color they are a light yellowish green, the leaf-blades are wider and slightly velvety, and they grow very quickly. At an

TOWLE

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The frame house is admirably suited to the American climate. It keeps out cold in winter and is cooler in summer than a brick or cement finished house—because wood is a poorer conductor of heat. If the exterior is Redwood it will keep its beauty and cost little for repairs.

Exposed to climatic or even soil moisture for years, Redwood remains sound. During growth it is permeated with a natural preservative which protects it against all forms of fungus rot or decay. It contains no highly inflammable resinous compounds, therefore reduces the fire hazard. Redwood takes and holds paint well—less frequent painting is required and no pitch bleeds through to mar paint.

Real economy in building means getting a dollar's worth for every dollar you spend for labor and materials. With present labor cost so much higher relatively than the cost of materials it pays to use only the best, especially when you figure that the slight additional cost of these better materials amounts to but very little when compared with your total investment. It pays to use Redwood for exterior construction work as it costs practically the same, grade for grade, as woods that cannot compare with it for service and durability.

Before you build write for our "Redwood Homes Booklet." To architects and builders we will gladly send our "Construction Digest."

Thomas Maddock

bathroom equipment is to be found in the homes of men and women whose discriminating tastes are not assumed.

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Trenton, New Jersey
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2. If your doors are to be painted, you will realize a second big saving by using Corbin cast iron butts. They last almost forever, lubricate themselves, and are entirely satisfactory if kept painted. Of course, if you can afford it, you will want to use Corbin cast brass or bronze butts throughout the house. But, whatever your choice, use three to a door, and your doors will always swing and close as they should.

Good hardware speaks the language of quality—and acts it, as long as the building stands. Every architect and every contractor will tell you that good buildings deserve good hardware, and that such hardware is Corbin.

We have a booklet "Good Buildings Deserve Good Hardware," which will interest you if you are planning to build, also a pamphlet on Corbin Cast Iron Butts. Write for them.

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In the tombs of Beni Hassan, near Thebes, wall paintings depict Egyptian glassmakers of forty centuries ago employing hand implements quite like those used now by Steuben craftsmen. Through the ages, fine glass always has reflected the studied designs, honest processes and manual skill of artisans who love their calling.

Today at Steuben furnaces, ancient traditions of fine glassmaking are followed and cherished. Each piece is an original, for it is produced singly by a man who models individuality and knowledge into his work. Steuben Glass takes its place rightfully among those rare, modern, decorative objects that eventually will become precious heirlooms.

A large collection of designs embraces both decorative and useful things. Whether you choose a stately vase, a dozen lovely goblets, or a quaint comport, your good taste cannot be questioned. Pure forms, brilliant texture and glorious colorings are the heritage of all glassware from Steuben furnaces.

Steuben Glassware is shown at glass and china shops, department stores, gift and jeweler shops. We shall be happy to send you gratis a little suggestion book in colors to aid you in selection. Please write us for it.

STEUBEN GLASSWARE
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Sweetmeat jars and cigarette boxes for the living room; toilet water bottles and powder boxes for the dressing table—little pieces that glow so decoratively while serving so practically.

Newness in the home is the glory of good glass to welcome as at table. So Steuben makes goblets, plates, finger bowls and sherbert glasses in rare shapes of welcome distinction.
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Anticipations of a joyous, carefree vacation are abundantly realized when a Ford closed car provides easy access to town or country.

The attractive upholstery and all-weather equipment of the Fordor Sedan suggest comfort and protection on long trips, while the simple foot-pedal control assures ease of operation in crowded city traffic.

An increasing number of women who prefer to drive their own cars, are selecting the Ford Fordor Sedan for their personal use, knowing it to be an outstanding value as well as a possession in which they can take pride.

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Protect your family from the awful results of fire. Install a Pyrene Fire Extinguisher in your new car before you take the first ride.

With a Pyrene you can put out any fire at the start and prevent serious injury to yourself, your loved ones and your property.

Never ride in your own car or any other closed car unless you know you are protected from fire by Pyrene.

Pyrene means fire protection and "makes for safety".

Sold by garages, automobile, hardware and electrical supply dealers

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Makes Safety Certain
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The Sargent Cylinder Padlock yields only to the proper key

PUT on the Sargent Cylinder Padlock. The cunning of the sneak thief or the force of the marauder cannot make it yield. Into each of the many sizes and styles are built the same ingenious operating mechanism and the resistance of enduring metal which make Sargent Cylinder Door Locks the choice of so many builders of fine homes.

On garage or locker doors, spare tires, tool-box or chest of valuables, a Sargent Cylinder Padlock is a seal of security—a barrier which only you and yours may pass.

You can afford to use Sargent Cylinder Padlocks on everything that needs a padlock. You can have them master-keyed in combination with the Sargent Locks on your entrance doors. Remember that they are a form of burglary insurance which needs no renewal. See them at your hardware store and write for folder.

SARGENT & COMPANY
Hardware Manufacturers
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SARGENT DAY AND NIGHT LATCHES are extensively used on the entrance doors of homes, apartments, stores and offices to supplement less effective or old-fashioned lock equipment—and where they are used, no other lock is needed. An exclusive feature is the push-button stop to deadlock the bolt as held it back as desired.
So finished in artistry, so correct in construction are Hastings Occasional Pieces, that furniture lovers feel but one concern in purchasing them—the difficulty of choosing from the intriguing variety.

The fine utility and pure grace of line of the reproduction of a rare old Colonial table shown above make it a most happy choice. Equally charming as a card table, as a console, or as a serving table in a Colonial dining room.

HASTINGS TABLE COMPANY
HASTINGS :: MICHIGAN
Factory Sales Office and Display, Grand Rapids, Mich. Direct all correspondence to the plant at Hastings, Mich.

WILD ROSES FOR THE GARDEN

(Continued from page 66)

keep the plants within bounds. Wild Roses may be used on pillars, fences, walls or on boulders to excellent effect. They should be given plenty of room, especially such sorts as the Prairie Rose (R. setigera), so well suited for grouping; others like the Scotch Rose (R. spinosissima) may be used in beds. For seashore gardens Rosa rugosa is one of the best of all plants. In Japan it is known as the Sea-tomato—a very apt name when its natural habitat and its fruit are remembered. In the Arnold Arboretum, the common seashore Rose of New England (R. virginiana) is much used for planting between the side-walks and the carriage drives. Borders about five feet wide and a hundred yards long are a feature, and no plant could be more serviceable or effective. In June these strips are lit with thousands of soft rose-pink blossoms, in the autumn they are jewelled in countless numbers of scarlet hips, and throughout the winter and early spring the ruddy erect stems are cheery to look upon. No protection of any sort is required and this most pleasing plant is attractive at all seasons of the year.

A wild Rose of recent introduction that has captured the garden-lovers of America is R. Hugonis from the mountains of central and western China. At the moment it is easily the most popular species in this country. The habit leaves nothing to be desired. The stems are ascending with the outer ones arching gracefully to form a rounded bush from four to six feet tall. It is among the earliest of Roses to open its blossoms and so freely are these borne as to transform the branches into sprays of flowers hiding the leaves and the whole plant is a bouquet of soft yellow. The fruit is dark scarlet, ripens and un-
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Welsh Dresser $150.00
High 5", wide 45", deep 15"

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In the bright or neutral tones of your own choosing, this stick willow
furniture makes a charming group which is especially delightful on
porch or terrace. Painted in any two
colors. Arm chair at left, $19.75; Con-
sole table, $16.50; Arm chair at right,
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This beautiful Colonial Four Post Bed,
sturdily constructed for long service, may
be had in mahogany or American wal-
nut finish. Three widths 4' 6", 4', 3' 3";
height of head post, 1'; height of foot
post, 2'; posts, 3". Regular price $45.
Direct from factory $29. Box spring to
fit $15; fine hair mattress $35

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Prices on your requirements on request
A Touch of Imagination

From the remote and arid regions of Afghanistan and neighboring Central Asia came the charming R. Ecaze, a Rose of rare beauty and perfect hardiness, with pale yellow flowers and leaves with the fragrance of Souvenir. This is a shrub from five to six feet tall with many erect reddish stems and neat shining foliage. As yet it is scarcely in the trade but when properly known all will want it.

A century ago R. spinosissima in scores of varieties were grown under the name of Scotch Roses. Like others they have largely disappeared from gardens in favor of the Modern Rose. This is a pity for they are pleasing plants of supreme hardiness, perfectly suitable for the colder parts of this country and Canada. As a class they are low, twiggy bushes from two to five feet tall, suckering freely, forming masses of permanent character. They have white, pink, rose-red and yellow flowers and there used to be sorts with double flowers of varied hues. All are of good habit with small foliage and black fruits and the fact that they are native of the coldest parts of northern Europe and northern Asia attests their value to northern gardens in America. The aristocrat of the species is the variety altaica from the Altai Mountains of Siberia. It is taller and more vigorous than its sisters, growing fully six feet high with pure white flowers, each two inches across, abundantly produced. A well-known Rose enthusiast in Chicago has aptly named it the Hardy Cherokee Rose. Of hardy white Roses it is my favorite and I know of none more worthy either as a specimen bush for massing or for using as a hedge. No northern garden should be without it.

Wild Roses are plentiful in northern lands but nowhere are they so abundant as in China, the land of flowers. Even here from sea-level to mountain top in that land Roses luxuriate and in season the air is redolent with the fragrance of their myriad flowers. As I write memory recalls delightful mornings and evenings in May and June when I have sauntered through an Eden of Banskian, Musk and other Roses and drunk my fill of fragrance from festooned bush and bough. And many a tear of clove and flesh have I suffered from their prickles when gathering specimens to press or seed to send home. "Tis good to live such memories but better still to have been the fortunate means whereby others can share the joys by growing in their gardens in the West the wild Rose of far-off western China. Of wild Roses it has been my privilege to add some twenty-five species to our gardens. Across the water the one acclaimed above all others is R. Mayesii which I culled from the austere borderland of China and Tibet and named for a missionary who welcomed me with hospitality in 1908. The beauty of this Rose is in the rich Intense red shade of its flowers and its brilliant scarlet hips. I prefer to be ambiguous in reference to the color since enthusiastic have quarreled vigorously over it all. I have a high regard for the form as it grows well, is perfectly hardy and its fruit is good. At the Royal Horticultural Society of London this Rose was awarded the first class certificate, a most valuable honor. In the Arnold Arboretum this Rose grows well, is perfectly hardy and fruits in perfection, but the dry hot air of early summer dries the rich lustre of its flowers.

In the garden of my friend, Horace McFarland, at Harrisburg, Pennsylvania, flourishes a particularly good form of R. spinosum, another of my finds in China and I do not envy any critic who speaks disparagingly of this Rose when McFarland is within earshot. It is a strong grower with stems arching over, and in season a cascade of rosy red flowers followed by brilliant scarlet fruit. A related species with rich red flowers is R. bella, a dense compact shrub about four feet tall and as much in diameter and well worthy of its name. Two pleasing species with gray-green foliage, pure pink blossoms and orange-red fruits arc R. calliantha and R. multiflora. In the former the flowers are usually solitary whereas in the latter they are normally clustered, otherwise they are much alike.

THE MUSK ROSES

The original Musk Rose (R. moschata) appears to have been native of the Pyrenees but has long been lost to cultivation and its name applied to a vigorous climbing Rose (R. brunoni), native of the Himalaya and China whose flowers also have the odor of musk. Of this type of Rose there are half-a-dozen species native of China and now in cultivation. The best of all is R. heleneae named for my wife. This is a strong growing plant.
The Proper Use of Tapestries and Fabrics on the Walls of Your Home

The only one of the thousand and one important and interesting things you will find described clearly and concisely in this most valuable and fascinating of all courses which imparts specialized knowledge through home reading. The ARTS AND DECORATION PRACTICAL HOME READING COURSE IN INTERIOR DECORATION covers the entire subject of interior decorating in 24 lessons, grounding you thoroughly in the technical principles which are the basis of the art. The lessons are so clear and so exact that you will absorb them without conscious effort, so interesting will you find them. This authoritative knowledge added to your native good taste and love for beauty will afford you deep satisfaction throughout your life.

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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 includes a great variety of bird baths of the better sort, fountains and other garden ornaments, executed in Pompeian Stone, at prices that are practically normal will provide innumerable suggestions.

THE ERKINS STUDIOS
Established 1900
240 Lexington Avenue, at 34th Street, New York
that will make arching canes from six
to twelve feet long, and produces at
the end of short shoots large rounded
clusters of pure white delightfully
fragrant flowers to be followed by
orange to red colored fruits. The
flowers, which about one and one-half
inches in diameter, have conspicuous
yellow anthers and are singularly
beautiful. This Rose grows fairly
well in the Arnold Arboretum but
does much better on the limestone soil
of Rochester Park, where, in fact, it
is not only hardy but flourishes as on
its native heath. Closely related but
less hardy are R. Rubus with hairy
leaves, R. Gentiliana with larger
flowers and lustrous green leaves,
glaucous gray on the underside and
the robust R. Soulieana with gray
tems, gray-green luxuriant foliage
and cream-colored flowers.

Widespread in the warmer States is
the Cherokee Rose (R. laevigata)
and few who bask in the purity of
its whiteness realise that it is merely
a naturalised plant brought by no
one knows how or when from China,
its real home. Throughout the warmer
parts of China there is no more com-
monly worked plant than this Rose
its lustrous three-foliate leaves,
leaves flowers and handsome hips. In
eastern China grows the Macarneyn
Rose (R. macrantha) which is another
its lustrous three-foliate leaves,
leaves flowers and handsome hips. In
eastern China grows the Macarneyn
Rose (R. macrantha) which is another

Duro is the largest exclusive manufacturer of residence water
systems and water softeners. There are small-size Duro systems
for bungalows, summer cottages, or for supplying soft water from
cisterns in homes where the city water is hard. There are larger
Duro systems for country estates, farms and ranches, where the
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are used.

Duro serves the United States and Canada from 61 branch offices with
350 factory-trained representatives and approximately 17,000 dealers. It
is an easy matter to get an estimate on a Duro installation. Write us—or
see the nearest Duro dealer.

The Duro Pump & Mfg. Co., 306 Monument Ave., Dayton, Ohio

The Duro Pump & Mfg. Co., 306 Monument Ave., Dayton, Ohio

Tear off and Mail

WTLD ROSES FOR THE GARDEN
(Continued from page 112)

OUT beyond the city limits, Duro Water Systems bring to
your suburban or country home all the conveniences of city
water service. Think of it! Water under pressure, pumped from
well, spring or cistern—piped to kitchen, laundry, bathroom and
yard—with nothing to attend to or watch (for the pump starts
and stops automatically)—at a cost of about 2 cents a day.

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The Duro Pump & Mfg. Co., 306 Monument Ave., Dayton, Ohio

VERITANIX SYSTEM

This is the new Duro Vertitanix Unit System, built
in these three sizes. It
is compact and
powerful—takes
up very little
space. Shipped
ready to connect
by plumbers.

"How to Choose
a Water System"

"How to Select a Water Softener"

Send me your booklet:
[ ] "How to Choose a Water System." [ ] "How to Select a Water Softener."

Name
Address

WILD ROSES FOR THE GARDEN
(Continued from page 112)

att to say at once, Mr. Wright has
exceeded in these essays, the elements
of which are so kindly mixed as to
bring the mind that precise pleasure
between stimulus and rest, so appro-
sionate for the end of the day, a sort
of literary "night-cap", conducive
to bedtime, of which I will quote here, as it
embodies Mr. Wright's ideal of com-
pleted happiness too:

Ah, yet, ere I descend to the Grain,
May I a small house and large garden have;
And few friends, and many books, both
true
Both wise, and both delightful too;
But since Love will walk by my door,—
A mistresse modestly fair,
But gentle and bashful, I
Only beloved, and loving me!

A small house, a large garden,
books, and "She": we learn from Mr.
Wright's essays that all these things
have been added unto him, and his
familiar companions with the reader
of his life in his "Earthly Paradise"
are full of the wayward charm of the
timeless essayist, who, like the poet,
is ever and not made. The essays dis-
close their wayward round about all sorts
of themes, always beginning either
with the house or the garden, and
time passing there, but sometimes in
the interval wandering away as
it is the nature of the essay to do, even
(Continued on page 142)
VOGUE'S
BOOK OF ETIQUETTE

Present day customs of social intercourse, with the rules for their correct observance

$4

In this book, Vogue does not confuse the unskilled and frighten the timid with a multitude of artificial rules for tiny acts, an error in one of which is assumed to result in social damnation. Far from it!

It sets forth, rather, that outward good manners are the natural expression of inner right feeling; and that the secret of social ease is in simplicity, naturalness, and the native consideration of the gently-bred for the feelings of others. This view of etiquette, original with Vogue, has been welcomed by the intelligent and commended unequivocally by well-bred people everywhere. The comments given below are characteristic of the general appreciation.

Dr. John C. Van Dyke
Professor of History of Art
Rutgers College

"Vogue's Book of Etiquette quite bowls me over. It is not merely a matter of knife and fork, clothes and flowers. There are chapters on general behavior, conversation, entertaining, servants, country life, visiting, travel; and a dozen pages on the use of English that might be taken to heart by almost anyone. It even tells us what to do under such trying circumstances as getting a divorce, attending a funeral, appearing at an official Washington reception, or being presented at the Court of St. James. It has been written by someone who has known society intimately and for many years. It should have marked success."

Mrs. John King Van Rensselaer
Author of "Our Social Ladder"

"I should have written to you ere this had I finished reading your Book of Etiquette. But * * * captured it and was absorbed. She read it from one cover to the other, declaring that its style and diction were perfection, which alone conveyed their lesson above the homilies on etiquette that even her free and easy age tried vainly to abandon only to find that the customs or manners prescribed by tradition are after all the best guides to happiness or well being in community life. She put down your book with a sigh, declaring she wished it double the size.

"I write you this since girls of her age are more critical than at any other period of their lives and I was rather surprised at her unqualified praise and enjoyment of a book that to many people would be as dry as a manual on parliamentary procedure or a guide book. "But you handled your subject so cleverly that it bored, instead of repelling her, which has induced me to write you of her appreciation which I fully indorse."

On sale at book stores, or you may order by mail, using coupon

VOGUE, 19 West 44th Street, New York City

Please send me one copy of Vogue's Book of Etiquette. I enclose $4.

Mrs. 
Mr.
Miss
City
State

THE NAME YALE plainly marked on every Yale Lock and on every Yale Key is your visible guarantee that it is Yale. No other lock is so marked.

The Yale line of locks covers every type—builders' locks, night latches, guard locks, padlocks and bank locks—with keys of every form—flat keys, round keys and the paracentric keys. They are Yale in origin and Yale in quality.

Other locks may look like Yale, but in the Yale Locks there is that satisfying difference in action, long life and security that makes them worthy of the name YALE.

Ask your dealer for Yale marked locks.

The Yale & Towne Mfg. Co.
Stamford, Conn., U. S. A.

Canadian Branch at St. Catharines, Ont.

YALE MADE IS YALE MARKED
Beautiful white, glass-smooth woodwork

BANZAI ENAMEL

There is an individual beauty in a BANZAI ENAMEL interior. Spotless white or a warm tint—a brightness, a cheerful, airy lightness that no other decoration can produce.

And BANZAI ENAMEL is lasting. You cannot mar its hardy surface even with a blow that will dent the wood beneath. The surface of BANZAI ENAMEL is as washable as tile. Water cannot harm it.

BANZAI is a "Pittsburgh Proof Product."

Many's the question on home furnishings and home decoration that you have asked yourself and never been able to answer to your own satisfaction. "What to do and How to do it"—a guide to better homes—tells how to make the most of what you already have—how to spend to the greatest advantage. Send ten cents to Pittsburgh Plate Glass Company, Milwaukee, Wis., Dept. E, and your copy will be mailed at once.

Give Your Outdoor Food the Same Care as at Home

Protect Your Summer's Pleasures with a BASKET REFRIGERATOR

The beauty which attracts you outdoors so strongly is the more satisfying when good things from the home kitchen can easily be kept wholesome and fresh—your favorite drink ready for you and cold too—whenever you want it. Built inside and out to withstand the wear and tear of frequent use, it retains the same beauty and dependable usefulness through years of service. So surprisingly economical too, because only five or six pounds of ice keeps food cool for 24 hours.

See the new styles at our dealers—if not in stock send $7.50 for Everybody's delivered, $8.50 west of Rockies and in Canada. Money back if not satisfactory.

See the new styles at our dealers—if not in stock send $7.50 for Everybody's delivered, $8.50 west of Rockies and in Canada. Money back if not satisfactory.
Are You Planning a Garage?
Then Send for this Helpful Free Book

Before building that new garage, or remodeling the old one, send to Dept. M for your free copy of this garage doorway book. It's filled with valuable plans and suggestions. All types of R-W Garage Door Hardware are described, including the nationally-famous—

**Slidetite**
Garage Door Hardware

Doors hung on Slidetite slide and fold inside, away from wind, snow and ice, leaving a wide, unobstructed opening. Because they never sag or bind, a child can open or close them. Absolutely weather-tight and rattle-proof when closed.

**Fiske Fences**
for Permanence

Thousands of country estates, game preserves, model farms, public and private grounds, all over the nation, attest to the endurance of Fiske Climb-Proof Chain Link Fences.

Fiske fence posts, set deep in concrete, cannot rust at the ground, and the wire fabric is galvanized after, not before, it is woven, thus making it absolutely rust proof.

This fence, because of Fiske special construction, is climb proof. We contract either to do the installation work or to furnish plans and blueprints with full erecting instructions.

**Is Your Home a Friendly One!**

Light is friendly, especially so to the evening visitor, when there are welcoming beams at the driveway entrance, the porch and doors. They seem to say "Drive in, sir! We are cheerful people here, and we welcome you!"

And, too, these myriad colored lanterns placed in plentiful and appropriate numbers about, are decorative to one's individual taste and are a source of convenience and safety.

These factors lead home builders today to provide for lanterns on both sides of the outer entrances; the porch and door entrances; the side of the house overlooking the driveway; the garage and numerous other places.

Inexpensive, too, and add immeasurably to one's satisfaction and security. We have just issued a folder, "Light Outdoors" which shows just how lanterns can be used advantageously. A copy is free for the asking.

**J.W.Fiske**
ORNAMENTAL IRON WORK
80 Park Place, New York
ESTABLISHED 1858

Is Your Home a Friendly One!
There's a Frigidaire for Every Home

Not in a few homes—but in every home—there is a distinct need for this better method of keeping food always in a safe, healthful condition.

And every home can have Frigidaire. In the wide range of styles and sizes there is one that will meet the needs of your home at a price you can afford to pay.

Frigidaire operates electrically—from ordinary home current. It freezes your own pure drinking water into crystal cubes of ice for table use. It can be installed in your own ice-box in a few hours. Once installed Frigidaire eliminates for all time the muss and nuisance of ice delivery. It provides a constant safeguard to the health of your family.

See Frigidaire. Take advantage of our deferred payment plan. Have your home equipped now with modern, safe, economical refrigeration.

WRITE FOR BOOKLET H 9/CT

DELCO-LIGHT COMPANY
DAYTON, OHIO

Frigidaire
Economical Electric Refrigeration
If you will mention your dealer’s name in your request, we will send you a little booklet written especially for those who seek really fine furniture at a moderate price.

"A Quality that Keeps the Meaning in the Word."

If you will mention your dealer’s name in your request, we will send you a little booklet written especially for those who seek really fine furniture at a moderate price.

OTTAWA FURNITURE COMPANY
Holland, Michigan
Wholesale Display Manufacturers' Building
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OTTAWA Furniture
"A Quality that Keeps the Meaning in the Word."

Ypsilanti imports its supply of reed direct from the East Indies, where its representatives carefully select only the very finest.

The five great factories engaged in manufacturing the Ypsilanti product lead the world in making reed and fibre furniture.

Any one of more than 4,000 responsible furniture merchants will be glad to show you Ypsilanti Furniture. The names of those near you will be gladly sent on request.

YPSILANTI REED FURNITURE COMPANY
(Department C) Ionia, Mich

YPSILANTI Reed and Fibre Furniture

"The Sheraton"

What a wonderful thing is the post-office! Here are you, dear reader, thousands of miles from us, perhaps, and yet you have only to drop a letter in the nearest mail-box in order to receive in a few days a brochure that gives you authentic information on the latest styles in lighting equipment for the home.

Hundreds of people who are planning new homes, or redecorating old ones, wrote us last month for a copy of "Distinctive Designs for Home Lighting."

May we send you a copy? It contains many exquisite designs of chandeliers and brackets now obtainable at moderate prices.

BEARDSLEE
CHANDLER MFG. CO.
222 South Jefferson St.
CHICAGO

See this trademark on the lighting equipment you buy. It is your guarantee of QUALITY.

YPSILANTI REED FURNITURE COMPANY
(Department C) Ionia, Mich

YPSILANTI Reed and Fibre Furniture

Every time of beauty
A protection that pays for itself many times

SHAPCO SHIELDS
will save your walls, draperies etc.

MADe iN Many STyles
GLASS, MARBLE - METAL TOPS

SHAPCO SHIELDS
MADe iN Many STyles
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BOOK ON REQUEST

Name
Address
City
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Residence of Wm. H. Day
Glen Ridge, N. J.

Frank Goodwin, Architect
New York, N. Y.

No Radiators to Mar Your Decorative Scheme

It is a source of great satisfaction to the owner of a beautiful home to know that his rooms need not be cluttered up with iron radiators; that his entire floor space is available for rugs and furniture, which may be arranged exactly as he wishes.

The Kelsey Warm Air Generator brings to every room in the house a constant supply of pure fresh warm air, automatically adding just the right percentage of moisture for health and comfort. The registers may be located inconspicuously in the walls, while vents in the halls carry out the stale or vitiated air.

The Kelsey is unique in its scientific construction, and delivers more heat to the ton than any other system.

The Kelsey is in its scientific construction, and delivers more heat to the ton than any other system.

THE KELSEY
WARM AIR GENERATOR
(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

Sales Offices
Boston and New York

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PLANTING LIST
FOR A COLONIAL GARDEN

ANNUAL GARDEN
BED A
Lemon, pink-flowered Dahlia
Pink Annual Mallow (louaret)
Purple Gladiolus, Crown Heliot
Glante white Candytuft
BED C
Annual Aster, Violet King
Bull Annual Phlox
BED E
Salpiglossis, violet and gold
Gaelicia Peerless Pink
BED F
But white and yellow Zinnias
Rose Annual Phlox
BED I
Violet and pink Zinnias
Mignonette
BED K
Centaurea Angularis (sweet Sultan)
Violet and pale yellow
Ageratum dwarf blue
BED M
Scabiosa (Morning Bride)
Pale blue, black and pink
Annual Gypsophila
BED O
Annual Larkspur
Deep rose, light blue, pink
Escholzia, mixed
BED Q
Annual Asters
Deep rose, shell pink
Annual Gypsophila and Shell pink Annual Phlox
BED S
Gladiolus Myrtle, soft pink
Niagara, yellow red biotch
Salvia farinacea
Early flowering Cosmos

NOTE
Letters refer to beds as shown on plan. Flowers shown indented edge both sides of the little service walks between beds.
These walks are emphasized by clumps of Gladilis at ends. Shrubs along west side of annual garden faced with purple New England Asters with deep blue Cornflowers, annual Coreopsis, Shirley Poppies, Sweet Alyssum and Calendulas, Beds of Chrysanthemums along front of greenhouse, edgings of Parsley, Chives, and other herbs.

A PLANTING IN COLONIAL MANNER
(Continued from page 118)

possible, with no closed gates to shut out any passing friend.
The lawn designed for sitting out-of-doors, yet away from the public gaze, was a turf panel of formal shape, its outlines emphasized by a frame of massed shrubbery. At one end an arbor draped with Roses and Honeysuckle, (Viewpoint "E") its back against the aforementioned lattice (also vine-covered, but with Turquoise Berry and red-berried Matrimony vine), looks across the turf, its severe lines broken by scattered Magnolia trees. On either side of the arbor drooping Spiraea help build up the shrubbery frame, but a pleasing sense of intimacy is contributed by the beds in front of them, filled with Hybrid Tea Roses and Heliotrope, and hedged with Ruby Rambler and spirea men. Box. For quick shade Hop vines were planted, but first a canvas was tightly stretched overhead.

At the opposite end of the panel is a low-backed curving white seat, its severe lines broken by a picturesque overhanging pine, and some irregular Sumacs rising above the sewage planting of High-bush Cranberry, Viburnum, and Dogwood. The sides of the oval are framed by low masses of luxuriant green Pink Flowering Honeysuckle, and densely branched Japanese Barberry. The street is entirely forgotten. Two Lindens, now small, will some day cast a dense shade over the white seat. The note of white flowers struck by the Magnolias is repeated by plantings in front of the shrubs, of early white Tallips, golden-hearted single Peonies, Auratum Lilies, pure white Pansies, and Japanese anemones.

Beyond the turf panel lies the bright-hued perennial garden, the details of which are interpreted in the
S E E K E R S for furniture expressing individuality will find that our designers, inspired by the finest examples of the best periods, have co-ordinated refinement of design with strength and beauty of proportion in charming creations full of grace and dignity. The illustration is characteristic.

1839
1924

A Three-Dollar Week-End Box

DEAN'S

WEEK-END BOXES

How many hostesses have had that panicky feeling when the welcome, yet unexpected guest arrives?

Nothing is so comforting as the knowledge that one of Dean's Week-End Boxes has just been received, filled with delectable Cakes and Cookies in such pleasing variety as to suit every need, whether for luncheon, tea, dinner or late supper, and as fresh as if just from the oven, due to the air-tight container and skillful packing.

Thirty-two different assortments, at $3, $4, $5, and $8 each, sent by Post PREPAID anywhere East of the Mississippi.

Send for our illustrated "Week-End Box Booklet."

628 Fifth Avenue New York

Established 85 Years

KAUFMANN BROS. & BONDY

The Oldest Pipe House in America

33 East 17th Street, New York City

ESTABLISHED 1851

A Kaywoodie is always good form... The white clover in the stem is proof of the smoker's good taste. It is known as the mark of the finest Bruyère pipe made. A Kaywoodie pipe is always unconditionally guaranteed and there is no import duty included in its price.

KAUFMANN BROS. & BONDY

The Oldest Pipe House in America

33 East 17th Street, New York City

ESTABLISHED 1851
—then Cook With the Gas Turned Off

WHAT a striking contrast this new era in cooking is to the old, when 25 minutes of gas will take the place of hours of gas ordinarily required.

So far as Russia—of which, by the way, Mr. Wright has written one of the most interesting books—because "Of a dog that is called "Delphinius"." He was a fox terrier, picked up in London, and he followed our herrs on a vagabondage from Amsterdam to Paris, thence to Russia and across Siberia, through a pretty execution of the dying man smiled. 'I use his prayers in Latin, and asked him to bring it up to date by introductions and through introductions from other lands. In just this respect does the book fall short at one point: in recommending varieties of Hyacinths and Narcissi it mentions some that have been entirely eclipsed or superseded. It is a fault, however, avoided more in this book than is generally supposed, as it is both used and enjoyed. By its mere existence, not to mention its flowers and fruits so generously distributed, it has given birth to chambers of people. The plants flourish happily and hardily, and last, but important, it is cared for by one efficient man, with occasional outside help.

May we send you our Free Booklet?
CHAMBERS MFG. CO., Dept. G-6, Shelbyville, Ind.
The Vose Piano represents 70 years of experience devoted to the attainment of an ideal. Its incomparable tone brings a lifetime of satisfaction to the lover of good music. And its price is moderate. WE CHALLENGE COMPARISONS. Write for illustrated catalog and easy monthly terms of payment.

VOSE & SONS PIANO CO., 152 Boylston Street, Boston, Mass.

The new Norco Switch Plates are made of heavy, mirrored plate glass. Rich and sparkling in appearance, they combine rare beauty and distinction with utility. They cannot tarnish. They can be cleaned with the touch of a cloth. They add a gleam of beauty to every color and material of wall surface. Ask your architect. Write for illustrated booklet before you build.

THE SWITCH PLATE CORPORATION, NORFOLK, VA.

The demand for Heisey table glassware is becoming so universal, because of its beauty and quality, that it adorns the tables of such hotels as the magnificent new Biltmore at Los Angeles as well as most American homes where glassware is appreciated.

As the better stores or write

A. H. HEISEY & CO.
Depts. H-2
Newark, Ohio

The WHITE HOUSE Line
SECTIONAL UNIT STEEL DRESSERS

Their beauty and remarkable durability make White House Units the utmost in kitchen or pantry equipment. The whole White House Line, being manufactured in a unit system of varying designs and sizes, enables us to fill practically any space by combining units. To give greater durability and long life to these notable features, the whole White House Line is built of STEEL by exclusive and totally different methods of RIGID, WELDED construction.

If you will send us your floor plan we will be glad to submit blue prints and estimates on White House Units to fill your spaces.

JANES & KIRTLAND
133 West 44th St.  Est. 1840  New York, N. Y.

The Pantry in the Zigler residence.

3-4-6 East 63rd Street, New York City, Horner & Wolfe, Architects

1000 Patent Pending

For the Ideal Kitchen or Pantry
COLORED mortar is an essential element in brickwork, whether it be dwelling, fireplace, chimney, walk or garden wall. Brick selected with the utmost good taste will prove disappointing unless bonded together with mortar of suitable color. Thus only can perfect harmony be achieved. It is significant that Clinton Mortar Colors, made from nature's minerals in nature's permanent colors, have long been the choice of home owners, architects and builders who are thoughtful of complete perfection in brickwork. Write for free color plates.

THE CLINTON METALLIC PAINT CO.
61 Clinton Road
Clinton, New York
Permanent as nature's own colors. Made since 1887

Dispose of All Garbage and Refuse Without Leaving the Kitchen!

ANTiquated, inconvenient and unsanitary garbage cans are as definitely banished from the modern home as the old-fashioned well and hand pump.

The Kernerator, putting means of instant waste disposal at the housewife's very elbow, is replacing garbage cans and rubbish pile in thousands of residences and apartments, from coast to coast. The most disagreeable task in the kitchen is now made the easiest.

Costs Nothing to Operate

There is no upkeep cost—the waste itself is the only fuel used. A brick combustion chamber, built in at the base of the chimney when building is being canned, receives all waste, garbage, tin cans, paper and the like, which are dropped through handy hopper doors (as illustrated) on floors above. Everything burns (due to scientific, patented design of combustion chamber) except metallic objects and the like. These, flame-sterilized, are removed with ashes.

Consult your architect, or write for literature and references of near-by installations.

KERNER INCINERATOR COMPANY
1025 CHESTNUT ST.
MILWAUKEE, WIS.

Kirsch makes it easy to have Artistic Window Drapings

Kirsch Curtain Rods fit all your windows. Provide for any treatment. Insure neat, artistic effects. And you find the rods right in your community at your dealer's.
The Kirsch FLAT construction prevents sagging; the drapings hang gracefully and neatly. The smooth surface does not catch dust, mors or scratch. The Kirsch Velvetone Brass or Velvetone White is beautiful, washable and guaranteed not to rust or tarnish. The Kirsch Patented Bracket has no rival for simple, practical utility. Easily put up without defacing woodwork. The rods attach or detach by merely tilting, yet never come down accidentally. Sold by better stores everywhere.

Look for the trademark name "Kirsch" on the carton.


Pictures window drapings for every room—in colors and prints in detail the material. Good, useful, thrifty the Kirsch Book is an annual and most valuable book. If you need further help, our Interior Decoration Service Department is at your service.

Vogue's Paris Information Bureau is at numero deux, rue Edouard Sept, telephone Central quinze-cinquantetrois. There are rest-rooms, telephones, and conveniences for writing, reading, spending an hour between engagements, or meeting one's friends.

When you are in Paris

From the moment when you stand on the dock among your trunks awaiting the customs officer and vainly trying to think of the French for "baggage," to the moment when you embark once more for New York, you are constantly meeting unfamiliar situations.

To-day you may want to visit the little out-of-the-way shops where the Frenchwoman finds such wonderful bits of charm—but where not even the hybrid English-French of the rue de la Puix is spoken. To-morrow, your son's throat may develop alarming red spots and you want a real American doctor. The day after that, you may find you can't get reservations at the only hotel you know in Biarritz. Something is always coming up.

What do you do? Why, you call up Vogue's Paris Information Bureau, and let them take care of you!
What does your car's appearance say of you?

THAT subtle something that makes pearls and keeps fine cars fine, is lustre.

Observe the cars that pass by. Which of them stands out; stirs the imagination? Isn't it the well-groomed car with its vibrant sheen of lustre -- distinctive, always smart, and eloquent.

How to keep fine cars lustrious

The common sense way

To meet out-of-doors conditions, the Laboratory evolved Common Sense, a simple, easy-to-use Cleanser. Cleaned away the confusion of soap, paste and "polishes." And ended all chance of injury to fine finishes. Unlike an ordinary polish, with its temporary shine; or a "finish" or a paste. Common Sense does not coat over or cover. But on the contrary accesses the original finish, so that fine cars are lustrious and lustrous back naturally. And smiles again.

The principle is not only scientifically correct, and so recognized by authorities, it is the very essence of common sense.

Try it on your own car. Common Sense may save you repaintings.

Your Department Store or accessory dealer can supply you. Or send $1.00 direct to

COMMON SENSE MFG. CO.

1905 N. Whittier St. Saint Louis

NEXT WINTER

It is the minor evils that make winter so disagreeable. House over-heated one day, under-heated the next. Hot as an oven at bed-time. Cold as an ice-box at getting-up time.

End all those heating troubles in one stroke with a Minneapolis Heat Regulator. Keeps your house at exactly the temperature you want. Lowered the temperature automatically at night and raised it in the morning before you arise. Saves fuel. Branch offices in principal cities render complete installation service. Elsewhere see a heating contractor. Write for free booklet.

Minneapolis Heat Regulator Co.

Established 1885

2790 Fourth Avenue N., Minneapolis, Minn.

The Minneapolis Heat Regulator

"The Heart of the Heating Plant"
SAFETY, because the McCray keeps foods pure and wholesome, in all their original freshness and tempting flavor. Economy, because the McCray prevents spoilage and uses a minimum of ice or current, as the case may be.

Remember, the unseen things are vital in a refrigerator. McCray quality is in-buit; going through to every hidden detail.

This superior service of the McCray is the result of exclusive construction features, highest grade materials, the well as homes.

McCray residence models may be used without change for either ice or mechanical refrigeration. Outside iong feature available if desired. Residence models from $35 up. Send coupon for complete information; we'll gladly suggest specific equipment to meet your needs.

ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 142)

There is a sane philosophy for you! The man who wrote this knows gardens and gardening from long personal contact. He knows the loveliness of Roses grown by his own hands, and the stiffness he feels sterilized by those same labors. He speaks out of an experience which the esthetic and the practical, the inspirational and the downright manual, have enriched in their due and merited proportions. "... This book is not merely compiled from the writings of others," so Mr. Wright's own words, "but has been deduced mainly from experience and written by callers (and sometimes not altogether clean) hands.

In hand with this strong impression of actual experience and experiment goes a quality of conciseness and clarity which is doubly welcome because so often absent from the works of garden authors. The book begins where it should, with the soil, and moves with economical verbiage the general principles and details of chemical and physical conditions which influence plant growth. Without full knowledge of these, and of the methods of altering them when desirable, no gardener can hope for maximum results. Their discussion forms a fitting prelude to advice for garden making and management which completes the first section of the volume.

From this commencement the transition to the vast field of ornamental plant material is easy and direct. In sequence we find the full story of perennial and annual plants, with a brief but valuable section on the pronunciation of plant names. There is a sane philosophy for the gardener who wants to know what to look for, and a wealth of practical help for those who wish to know insight into the nature of plant names. The first needs no extolling to those who have searched interminably through the pages of certain other flower volumes for some remembered but unaccounted-for word, the key to the meaning of a word, the pronunciation of a word, and the value of thorough knowledge. There is a sane philosophy for you! The man who wrote this knows gardens and gardening from long personal contact. He knows the loveliness of Roses grown by his own hands, and the stiffness he feels sterilized by those same labors. He speaks out of an experience which the esthetic and the practical, the inspirational and the downright manual, have enriched in their due and merited proportions. "... This book is not merely compiled from the writings of others," so Mr. Wright's own words, "but has been deduced mainly from experience and written by callers (and sometimes not altogether clean) hands.

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At last... a standardized version!  

**LAW S** of **MAH JONG**  
(Pung Chow, etc.) for 1924  
As prepared for the American Game  
R. F. FOSTER  

A handy pocket pamphlet of 36 pages, containing a simplified and standardized Code of Laws for Playing and Scoring. This system of scoring and playing has been accepted for the American game by the majority of good players. Sent, post free, for 25 cents. Order from the Mah Jong Editor, Vanity Fair, 19 West 44th St., New York
Minton English Bone China

Minton was the first to discover the process of applying on china, gold incrustation. In regularity, uniform depth and finish of incrusted and raised gold designs, as well as in purity of ivory tone and quality of gold, this wonderful ware is supreme.

In ivory and gold with white centre, the combination for the correct dinner service, perfection is achieved in Minton China.

The World’s Most Beautiful China

Pre-eminence in decorative art has won for Minton this deserved recognition.

From calcined ox-bone this far famed ware gains that delicate, incomparable body against which each hand fashioned figure and design stands out brilliantly and in relief. From this also comes the durability which enables Minton’s to pass from generation to generation as a cherished possession.

Minton China, made with the same care and skill which have distinguished it for more than a century and a quarter, may be had at any of the better dealers in china and at jewelers.

MEAKIN & RIDGWAY, INC.
New York

AMERICAN ANTIQUES IN LONDON

(Continued from page 89)

— the foreign fellows didn’t get everything, you know. How about Adams chairs with paintings by the great Angelica? Would you like a piece of lac-buffalo porcelain? A piece the late Mr. Morgan could not have passed without reluctance.

The eager-faced customer seems oblivious of his interrogator. What is the matter with him? There is the crackle of pound notes in the familiar, well-stuffed Yankee pocket, but none of the notes are drawn out. The American whose taste has been fashioned in the whirlpool of enthusiasm for early Americans, is looking across the Atlantic to his early American lares et penates. In his mind’s eye he sees his maple ladder-backed chairs, the maple four-poster, the blue Sandwich glass urns, the bee-hive quilt; the priceless Goddard chest he spent a small fortune on. What can he take back to them from England that will not disrupt their own peculiar American aroma? What have the English shops to offer to the American who is carefully building his own little dream of an American yesterday?

Perhaps it is as well for the American of 1924 that he has set about discovering the furniture of his American forbears, for the London shops of to-day—the greatest antique marts in the world—do not offer quite the same treasure trove and the endless opportunities of pre-war days.

In the realms of old furniture a trio of names, Chippendale, Hepplewhite and Sheraton, have meant always more to the American collector with British leanings than any others. The visitor to London this summer can no longer hope for bargains in authentic pieces by the great English cabinet-makers. The dining room or drawing room set by one of these kings of mahogany—the six or twelve chairs in Gothic, ribbon back or Chinese taste; the beautifully carved chests, cabinets, beds and desks, now go to the millionaire—no lesser Johnnie. But what is left for the moment at modest prices are numerous Georgian bits in nondescript wood from orchard and plantation, done by country men. These pieces in ash, pear-wood, apple-wood and box, show a most friendly spirit when brought to the early American room.

(Continued on page 150)
June, 1924  

Willowcraft Furniture  
Genuine French Willow  
Best Grade  

THOSE who know good furniture select Willowcraft for its correct and beautiful designs, fine workmanship and great durability.

Do not confuse Willowcraft (000 per cent wood) with P I K E furniture, made of twisted paper.

If your dealer cannot show you Willowcraft, write for illustrated catalog.

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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 even 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.

Stiffening ribs are a practical and distinctive feature. That's why "Bluebirds" won't sag, are strong and last for years. Made by H. L. Judd Co., Inc., New York.

Order Bluebird Rods today. Your dealer carries them or will gladly get them for you.

"Rods that make Curtains Prettiest"

A Beautiful and Useful Piece---  
THE KOOPMAN  
(Pat. pending)

For your own home or an unusual wedding gift—THE KOOPMAN. Has three big compartments suitable for magazines, sewing, books, smoking things, games, etc. Always neat because it closes in one movement. The cabinet work is exquisite, made by hand. Your choice of Circassian walnut, mahogany or American maple, 26 1/4 in. high, 20 in. wide, 10 in. deep. The price is attractively low—$60 packed f.o.b. Boston. Send money order or certified cheque.

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KOOPMAN  
Boston, Mass.

Colonial 4-Poster Bed  
GENUINE MAHOGANY

Fluted posts, 54" high: beautiful hand carved flowerable tops. Posts in head and foot boards of exquisite pencil stripe grain mahogany. Hand made throughout by skilled craftsmen. Distinctive dull rubber satin finish. Unmatchable in price or quality. Made in three sizes:

Width Length

Single or 2nd size ______ 5 1/2" 7' 6"

Full size ______ 6 1/2" 8 "

Height 6' 6"

Full size ______ 6 1/2" 8"

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424 Pack Sq. Bldg.  

$59.50  
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The Secret—Charm of Pearls

W HAT delight pearls bring to every woman! Their touch of distinction completes the newest frock. The knowledge of their aid to beauty ... no other gem is so completely woman's, no other can bring such assurance.

And among smartly gowned women Deltah Pearls are much in vogue ... , you see them everywhere. Their exceptional fidelity, in reproducing each tiny curve and dimple of the Oriental, has created a sensation.

Leading jewelers are now offering these celebrated gems, imported direct from our Paris and Geneva laboratories. The very latest designs in varying lengths from chokers to three-strand ropes are ready for your selection—clasped in gold, platinum, or diamonds—prices range from the modest, inexpensive strings to elaborate, costly strings.

Deltah Pearls are for sale throughout the country by leading jewelers, men who take pride in giving their customers the best. Please inspect these matchless gems. Become acquainted with their absolute superiority. To know Deltahs is to prefer them.
The Final Touch for Fine Homes

EVERY home—equipped with steam radiators—needs TRICO Radiator Furniture to convert these useful articles into units that harmonize with other furniture, and make the house comfortable and healthful.

With TRICO, the dust-stream that soils fine draperies and delicate walls will be stopped forever. It keeps them clean. The reservoir, concealed under top, converts dry, irritating heat into moisture-charged atmosphere that means freedom from pulmonary dangers.

Each cover is made to fit and conceal the radiator—all metal; strong, and finished to match your wood-work, furniture or color scheme.

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for BETTER HOMES and BETTER HEALTH

2207 Oakdale Avenue • CHICAGO, ILLINOIS

Good specimens of the Staffordshire dogs, so much sought for by Americans both in New York and in London

AMERICAN ANTIQUES IN LONDON

(Continued from page 118)

Viewing Windsor chairs, after a recent, careful study of the Windsor chairs on sale in New York, Boston and Philadelphia, I find they can still be purchased at about one-fourth of the American prices. A barber’s Windsor chair in ash and pine, with a superlatively high back that is worthy of a place in that delightful family of American Windsor chairs held in the famous Green collection in Newport, was purchased recently in the King’s Road, Chelsea for three pounds, ten shillings. Common wheel-back Windsors abound at thirty shillings.

Tavern settles, so rare in the States, and a boon to any country room striving for that old world homesickness that is so endearing, often turn up at low prices.

Gate-legged tables of the Stuart or Jacobean periods are always a delightful addition to the American room that is being made to suggest a remote past than the War for Independence. The gate-legged table (now two centuries and a half old) is growing scarcer. Years ago one could acquire choice specimens for a shilling; nowadays good examples cost twenty pounds. But this is a third or fourth of the price of the gate-legged table fashioned in the Colonies after the old English model.

Staffordshire pottery, so plentiful in the smaller London shops, always attracts the American visitor. For the last two years in America, the Staffordshire dog made for the rural chimney piece, has been a great find with seekers of bucolic quaintness. Last summer almost every Cape Cod factory hand which gives new laurels for the last hundred years have been immortalized by the potter; some of them are very rummy looking characters. For shillings one can make-believes. For shillings one can still find Red Riding Hood and the Wolf, the highwaymen Dick Turpin and Will Watch; Daniel and his lion, and Mary and her lamb. Hundreds of others hide on dusty shelves. The ardent and painstaking collector who loves the theatre can amass a crowd of famous Thespians,—Charles Keane, Sarah Siddon, Fanny Kemble, Jenny Lind and a great variety of Shakespearean characters. All the Royalties for the last hundred years have been immortalised by the potter; some of them are very rummy looking characters. An amusing trio is Queen Victoria, gay and gaudy, hanging on to the arms of the Khedive of Egypt and Napoleon III. But the American visitor thrills most when he chances upon Little Eva and Uncle Tom,—little Eva as a ballet girl in pink and white, and Uncle Tom a rakish black Adam. Washington and Franklin have been immortalized over and over again in many sizes and positions. In one private collection there is a Rockingham Franklin labeled “The Father of His Country”, a mistake of an old-time dealer. Wedgewood and the factories at Liverpool and Sunderland kept one eye on America in the days of the clipper ships. Beginning with the “Rainbow” in the early forties, many cargoes of “crockery” were shipped to the States. Almost every ancient domicile in the East had its pottery shelf enlivened with a few pieces of blue Staffordshire showing American views. This sapphire blue ware manufactured by Wood, Clews and (Continued on page 154)
The Mantel Question Easily Settled

When you see our handsomely illustrated catalogue of new designs of "King" Colonial Mantels andirons, grates, fireplace fixtures, floor and wall tiles, in order that we may better assist you concerning your requirements, please tell us whether you are building or remodeling, when writing for catalogue; also how many mantels are wanted.

KING MANTEL & FURNITURE CO.
302 Gay St.
Knoxville, Tenn.

ROOKWOOD
adds a new and living expression to the venerable handiwork of the potter as it has existed from the most romantic and primitive times.

Call upon our representative in your locality or write to:
The ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio

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If you seek distinction and individuality, you will be pleased with Leavens furniture—either a complete set for bedroom or breakfast room, or a charming single piece to fit that nook or corner. You attain perfect harmony with surroundings by having your selection decorated or finished to order.

The Leavens way is a comparatively inexpensive way too—as you will learn by experience. In either Decorated or Colonial furniture a beautiful simplicity of design, goes hand in hand with quality and优雅。

Shipments made anywhere, carefully crated to insure safe delivery.

Write for illustrations and complete information

WILLIAM LEAVENS & CO., Inc.
Manufacturers
32 Canal Street Boston, Mass.

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The Leavens way is a comparatively inexpensive way too—as you will learn by experience. In either Decorated or Colonial furniture a beautiful simplicity of design, goes hand in hand with quality and优雅。

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Rookwood

It is easy to understand the almost universal desire to own a Colonial Clock when the things are brought to mind that make it almost a personality in the home.

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There is a Colonial Clock that is perfectly suited for every good home whether it be an elaborate house, dormitory or snug apartment. Prices are, without exception, agreeably moderate.

Send for this Book of Suggestions, illustrated and descriptive "Colonial" Clocks in typical home surroundings. FREE on request.

COLONIAL MFG. CO.
120 Colonial Avenue
Zeeland, Michigan

Colonial Clocks are all made in solid mahogany and are sold in the better stores the country over

Prices: $100 to $1570

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Elizabeth Waugh Collector
PROVINCETOWN MASS.

Collectors like to buy from collectors. We are glad to place at your disposal the knowledge gained from amassing a number of important collections of Early American Hooked Rugs. This experience has given us an authoritative standing which is your guarantee of satisfactory service.

In the oldest house in present Provincetown you will find an extensive collection of antiques and charming modern themes at prices appealing to the most economically minded lover of beautiful things. Letters rating your personal needs receive individual attention and we ship on approval.

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The Home Lovers' Booklet shows architects' specifications for built-in cabinets for bathroom, bedroom, or hall.

The Business Executives' Booklet tells how to outfit the office washroom models with toilet necessities for the comfort and first aid of employees and guests.

The Dealers' Booklet catalogs the entire line (6 models) from low priced small space models up, gives merchandising plans and sales helps.

The Business Executives' Booklet tells how to outfit the office washroom models with toilet necessities for the comfort and first aid of employees and guests.

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

The Platter Cabinet Company
Division of The North Vernon Lumber Mills
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“Better Bathrooms”
Ask for Booklet

Each booklet shows the full line and tells the full story of the new Universal Cabinets.

The Architects' Booklet shows architects' specifications for built-in cabinets for bathroom, bedroom, or hall.

The Home Lovers' Booklet calls attention to the uses—first aid compartment, porcelain dressing table, toilet goods section, locked up medicine section, ventilated clothes hamper, manicure drawer, shaving box, linen or rubber goods section, first aid manual, long mirror, vanity box, etc.

The Dealers' Booklet catalogs the entire line (6 models) from low priced small space models up, gives merchandising plans and sales helps.

The Business Executives' Booklet tells how to outfit the office washroom models with toilet necessities for the comfort and first aid of employees and guests.

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The Platter Cabinet Company
Division of The North Vernon Lumber Mills
North Vernon, Indiana

The Best Built Step Stool

Do you have to lug a clumsy chair to reach out of the way places?

A HART Folding Step-Stool does away with dragging heavy kitchen chairs around. The HART is light weight—ready carried. The most practical and safe way to reach high shelves in pantry, closets, in long curtains, picture, etc. as first seat when cleaning, washing clothes, etc. A great help in all parts of the home. Most of hardwood, attractive mahogany finish. Two steps, 24" height. Absolutely safe when used as ladder. Will last a lifetime.

If your dealer cannot supply you, send check or money order direct. $2.85 delivered. Points west of Rocky Mountains add 25c. Order today.

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The Milwaukee Air Power pumps direct from the source. No water storage tank to foul or freeze. The double cylinder pump supplies pure, healthful water under powerful pressure to all fixtures. Have your own swimming pool—use the water from it for sprinkling purposes. Get facts about this better water system before choosing any.

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If your dealer cannot supply you, send check or money order direct. $2.85 delivered. Points west of Rocky Mountains add 25c. Order today.

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Cellar Floor Dusty?

Do you sweep and sweep and still have a dusty cement floor in your basement?

Then you are wearing your floor away besides making conditions worse every day. Fortunately an efficient remedy has been discovered in Hard-Sof-C-Pack, a inexpensive, effective, non-poisonous chemical that they should, because individuality in home furnishings, Egyptian ribbons and cloth for sports clothes is the keynote of the day. To weave such things is comparatively easy—and, oh, so fascinating. And, too, if you are interested in the subject as a money-making venture, there is something in it. The way to learn weaving is through the Shuttle Craft method—it's a simplified system that supplies all the instructions, designs, etc., that are required to master the weaving art. A line enclosing your name and address will bring you full particulars.

GENERAL CHEMICAL COMPANY
DEPT. D
40 RECTOR STREET
NEW YORK

Win-Dor
Casement
Window
Operators

Insures Comfort For Hot Weather

THERE'S a way of having your casement windows, so they will catch every little vigor­ous breeze, and throw it into your room.

Think what that means in scorching days and sultry nights.

Time and again it may mean the difference between a stifling night of tossing about and one of rest and refreshment.

We will show you exactly how to accomplish it.

Send for booklet: "Things You Ought to Know About Casement Windows."

Send for it and see that you get it.

The Casement Hardware Co.
220 Polk Bldg., Chicago

Weaving—an art that nearly everyone is learning

It seems as though everyone is learning to weave—and it's wisdom that they should, because individuality in home furnishings, Egyptian ribbons and cloth for sports clothes is the keynote of the day. To weave such things is comparatively easy—and, oh, so fascinating. And, too, if you are interested in the subject as a money-making venture, there is something in it. The way to learn weaving is through the Shuttle Craft method—it's a simplified system that supplies all the instructions, designs, etc., that are required for mastering the weaving art. A line enclosing your name and address will bring you full particulars.

Mary M. Atwater
The Shuttle Craft Co., Inc.
142 Berkeley Street, Boston, Mass.

Handy supply me with particulars about the Shuttle Craft method of weaving.

Name:__________________________
Address:_______________________

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House & Garden
Send for this book
Tells how to screen your home

IT is trite to say that screens should be unobjectionable, fly-tight, mosquito-proof and durable. But the screening of a home to meet these requirements is a job for an expert. That is why Higgin All Metal Screens are always installed by Higgin service men, trained in every detail of screening the home, from measuring to fitting.

Send for your copy of the beautifully illustrated and informative book "Your Home Screened the Higgin Way." It will help you to decide how your home should be screened to keep out summer pests and insure the comfort and health of your family.

Copy of book sent promptly on request.

The Jewett Refrigerator

In Homes of the Better Sort

The same discriminating judgment that selects a rare painting or a genuine antique is quick to recognize the intrinsic value of the Jewett. This is why you will invariably find Jewett Refrigerators in homes of the better sort.

Glistening white compartments of solid, seamless porcelain, 1½ inches thick, with full rounded corners assure cleaner, colder refrigeration. There are no joints, cracks or crevices—not a single place for dirt, food particles or spilled liquids to collect. When your food is kept in a place like that, you know it is clean and safe.

Master craftsmen build Jewett Refrigerators with cork insulated walls over five inches thick that lock out the heat and hold in the cold. Its economy and performance, whether used with ice or a refrigerating machine, is the standard of comparison.

Illustrated catalog on request

The Jewett Refrigerator Co.
122 Chautauqua St., Buffalo, N.Y.
Branch Offices: New York, Boston, Chicago, Cleveland, Los Angeles, Montreal

JEWETT
The Only Solid Porcelain REFRIGERATOR

Don’t confuse the Jewett one-piece solid porcelain interiors, 1½ thick, with the so-called “porcelain” refrigerators with linings of thin sheet metal coated porcelain enamel, made up in sections and welded together in an attempt to make a one-piece lining.

AMERICAN ANTIQUES IN LONDON

(Continued from page 150)

- Wallace —a smiling face engraved on a drawing at the Bee & Hare, Nineteenth Street, dealing with old china of interest to Americans, portions of an American tea service are found sometimes in London. An unnamed ship with an American flag on a solitary tea cup was purchased recently in a shop near Victoria Station for five shillings. The principal parts of the freezer are the tubs, the can, the greases, and scrapers and the space between the tub and the can for the ice and salt. The pail, if of wood, must be well finished, and bound with hoops or metal bands. The non-wooden tubs are of zinc, enamel or galvanized metal. The heavy tin-plate can, with the drawn steel bottom, is better than the tin-plate or cast bottom.

Other interesting finds include an early American history book that was sold at a yacht race with Staten Island as a background. A picture of a ship—its name is lost—on a sheet of paper found in a book, is the story of the American sailor. A picture of a ship was found on a sheet of paper found in a book, is the story of the American sailor.

- New York —in a West End shop on Bond Street, there is offered a goodly Lowestoft punch bowl with an 18th Century American ship. This bowl is marked twenty-one soundings—yes, it is factory made, but at a very reasonable cost for such an elegant souvenir of the sea. One can fancy Captain Bligh searching for Moby Dick, Herman Melville’s immortal white whale, fortifying himself with portions of flip out of such a bowl.

British and American tea clippers had portraits of their ships done on tea services in oriental ports. Portions of an American tea service are found sometimes in London. An unnamed ship with an American flag on a solitary tea cup was purchased recently in a shop near Victoria Station for five shillings.

- Boston —in a shop near Victoria Station for five shillings.

- Philadelphia —in a shop near Victoria Station for five shillings.

- New York —in a shop near Victoria Station for five shillings.

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- Boston —in a shop near Victoria Station for five shillings.

- New York —in a shop near Victoria Station for five shillings.

- Philadelphia —in a shop near Victoria Station for five shillings.
Cabiit's Creoatote Stains
Save Half Your Painting Bill

“50% Cheaper” Your painting bill is actually reduced more than half by using Cabot's Stains instead of paint. The Stain itself not only costs less than half as much, but the labor cost is also less than half, because Cabot’s Stains can be put on twice as quickly, by any ordinary workman. Or you can do it yourself.

100% Handsomer Paint covers and hides the wood. Cabot's Stains color without covering it, bringing out all the values of the grain and texture in rich, harmonious tones. You get “twice the beauty at half the cost.”

Preserve the Wood Cabot’s Stains are the original outside Stains, made from genuine refined Creosote, “the best wood preservative known,” and they preserve the wood against decay or insects.

Cabot's Old Virginia White The Stain White. As Brilliant as Fresh Washed and as Durable as Paint. It Is whiter than paint, and softer in texture, does not look “painty.” It is cheaper than paint, easier to apply and wears equally well.

Cabot’s Double-White Two coats cover better than three of white lead. much whiter. You can get Cabot’s Stains all over the country. Send for samples of wood stained with various, harmonious-colors, silver-gray, light-reddish brown, and many other shades, and names of nearest agents.

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Manufacturing Chemists
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24 W. Kinzie St., Chicago 525 Market St., San Francisco
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“Its beauty is worthy of comment”

Hodgson Portable Houses have won special praise for their trim, artistic lines. Built by skilled wood-workers and painted in attractive colors, Hodgson Houses are admired by all who see them.

These houses are made of red cedar, the most durable wood known, backed with heavy fibre lining.

Hodgson Houses are shipped to you in finished sections all ready to erect. Send for beautifully illustrated catalog. It shows many Hodgson Portable Houses. Also garages, play houses, dog kennels, poultry-houses, etc. Write for catalog today.

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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

Allows free and continuous use of wash stunds, sinks, toilets, bath tubs, laundry tubs, showers, etc. The septic tank is made of concrete reinforced wire-forms, not wooden-forms. Adapt itself to larger extensions to single buildings or groups. Can be installed by unskilled labor without expert engineering service or experienced supervision in the field. Use nothing to get out of order. Plans and specifications submitted through your architect, your engineer, or direct. Arrange now for early installation.

One booklet No. 7 tells how and why. Sent free upon request.

ATEN SEWAGE DISPOSAL CO.
286 Fifth Avenue, N.Y.
1. You choose the colors; we'll make the RUG to fit your room in a perfect way.

Seamless Reversible Any Size

At last, a "custom-made" rug—of a size to conform with the space it is to occupy—colors of your own choice in any combination possible from 60 standard shades, to blend with the draperies and other furnishings, at a price that is amazingly moderate.

To bring out the color value of your room to the best advantage, there is nothing to equal

Thread and Thrum Rugs

They are known from coast to coast. They are in thousands of residences of wealth and fashion because they lend distinction, and meet every demand of art in interior decoration—yet they are in many modest homes because of their moderate cost.

They are firmly woven from camel's hair or wool yarn by a process originating with the Thread and Thrum Workshop. Let our Interior Decorating Department help you with your rug problems, by submitting a dummy to harmonize with your furnishings.

The Thread and Thrum Workshop
Associated with Nye & Walt Kilmarnock Corp.
1- N. Division Street
Auburn, N. Y.

ROLLING YOUR OWN ICE CREAM

(Continued from page 154)

are easily adjusted, and that every thing fits tightly. Look, also, at the freezing mixture space, and see that it is not too roomy or too constricted. The scraper must be smooth, and all parts reach the mixture. The dasher and beater are usually malleable iron, coated with fine block tin. It is often better to have one scraper for the bottom of the can, and two metal side scrapers. Buy the best freezer, or none. It must be seamless, non-corrosive, easily cleaned, non-splintcring, easy to assemble, easy to turn, swift and convenient. The electric types must have invariable motors.

And, by the way, there is a hand-turned freezer, of one-pint capacity for the sick room, easy to turn and swift in production.

1. Ice cream becomes—

Buttery: Because it is frozen at too great speed, or because the ingredient was too cold when put into the freezer, or not churned enough before freezing.

Sticky: Because of fillers, such as gelatine and sweetened condensed milk, etc.

Icy: Because of improper packing.

Coarse: Because it was packed when too soft.

2. Unless your freezing mixture is good, you will never have good results with ice cream. The good recipe is next in importance.

1. The ingredients always increase in bulk during freezing, due to the incorporation of air.

4. Too rapid freezing makes a less expansive cream, and it often falls apart and becomes grainy.

5. If frozen too slowly it becomes grainy, buttery and non-expansive and looks oily.

6. If it is frozen too long, it will become soggy and heavy.

DIRECTIONS COME WITH EVERY FREEZER, and are so close to drawings "A" and "B" that the use of that commodity valuable, gray matter, your ice cream problems will be negligible, and the arrival of unexpected guests will be a delight.

The PRINCIPLES OF PROPER PLUMBING

I T is not such a far cry back to the time when bath tubs were a curiosity and toilet fixtures were possessed only by the very well-to-do. Times do change, and now in this present day and age it is a rare home that is not equipped to some extent, indeed most of them boast not only of kitchen, bath and toilet facilities, but also space and equipment for laundry work.

The present day builder or home buyer has come to regard plumbing fixtures as enrolled in the absolutely necessary items in this scheme of life, and incidentally to it they are included, sometimes even going so far as to make specific selections of some definite make of fixtures which prove particularly pleasing to the eye.

But this is about as far as the average home builder goes, perhaps about as far as most house architects go. How the fixtures shall be installed, the kind and size of pipe and fittings to be used, the manner in which connections shall be made, safeguards to be taken in the interests of sanitation—these and many other questions are generally left to the plumbing contractor to decide. It is true that regulations covering plumbing installations are now pretty general throughout the country and that followed up by proper inspection have accomplished much in the interests of permanency and sanitation. Nevertheless, a clear, definite plan and specification are the best assurance for a plumbing installation of the better type, the kind that one wants but generally doesn't get.

Making required installations are the rule rather than the exception, and the pity of it is that plumbing of the better type costs but little more and saves so much ultimate anguish and vexation, to say nothing of maintenance expense.

Now, to the average layman, the ways and wherefores of plumbing are more or less a mystery, the depths of which he has no inclination whatever to probe. Therefore, to add interest and, incidentally, to help describe a plumbing system in its simplest form, note the two drawings herewith. Drawing "A" shows the system of drain piping, together with the vents from same, and "B" the system of water supply.

The number of fixtures indicated are what would ordinarily be found in the average small home. On the second floor is the standard bathroom group of toilet, bidet and lavatory. The first floor shows kitchen sink and separate refrigerator drain. In the basement we have the laundry tubs, floor drain, clothes washing and water heating equipment. To the second floor group might be added a small dental lavatory, distinctly a sanitary fixture. As the size of the home increases, so, too, do the number of bath and toilet rooms and the variety of fixtures.

The common additions to the fixtures are the separate shower bath compartment and the bidet bowl which may also be used as a foot bath.

Returning to drawing "A", note that the water from each fixture must pass thru a trap (water seal) before flowing to the sewer. This trap is located either within the fixture itself, as for example, a water closet, or in the waste line directly adjacent to the fixture, and is vented to atmosphere through a vent pipe connected in, at or near the trap on the sewer side. Why the trap and why the vent? The former is there for one purpose only; the prevention of sewage gas escaping into the room. The vent is there for two distinct reasons: first, to prevent overflow and consequent loss of water seal in the trap of one fixture due to the suction effect caused by the wasting of water from another fixture into the same waste line, and
Send for this Booklet

It's FREE

If you are interested in comfort—in freedom from constant house-cleaning drudgery—you will find this booklet interesting and helpful. It shows how Monarch Metal Weather Strips reduce air infiltration 80%—stop draughts around windows, doors and transoms—keep out dust, dirt and soot—insure comfort, cleanliness and economy.

Free on request. Write to

MONARCH METAL PRODUCTS CO.
4920 Penrose St.
St. Louis, Mo.

Also manufacturers of Monarch Casement Hardware

MONARCH
METAL WEATHER STRIPS
Standard Control of Air Infiltration

Shade Your Porch

The porch enclosed with VUDOR Porch Shades is invitingly shady and cool even in the hottest part of the day. Cool air is kept in circulation through the ventilator at the top (an exclusive VUDOR feature). VUDORS are stained in beautiful colors, can be easily put up and last for years.

$50

The Only Shade Made With A Ventilator

VUDOR Cooling Porch

Hill Champion Clothes Dryer

By this trade mark you may know you are getting a genuine Hill Dryer, the original high grade clothes yard accessory. The Hill Champion gives you more room on your grounds because it can be removed when not in use. It gives you more time on wash days because it saves half the time hanging the wash. 150 feet of line can be reached from one spot. Our folder G will give you complete information.

HILL CLOTHES DRYER COMPANY
52 Central St., Worcester, Mass.
I. In thousands of the best varieties, many of them illustrated in their natural colors.

Elliott's suggest a selection of Daffodils ideally suited for naturalizing in locations where they need absolutely no care after planting. Bulbs of the right size—varieties chosen for beauty and hardiness—once planted they need never be renewed but will increase in numbers and beauty year after year. It is the easiest and most economical way of growing flowers by the hundreds and thousands.

**SPECIAL—Selected Daffodils for Naturalizing**

**Poccinius ornatus.** Improved Poet's Narcissus. Pure white, star-shaped flowers, with shadow cup of yellow, edge bright red.

**Asterat.** Of the hemispharillls type, with short, wide trumpet and large perianth, rich yellow throughout.

**Evangelium.** Leekill type; broad, white perianth and large, shadow cup of palest lemon yellow.

**Blood Orange.** Wide, creamy yellow perianth, cup brilliant reddish orange; exquisitely filled.

**Emperor.** One of the largest and finest Giant Trumpets. Both spreading perianth and long, flaring trumpet are rich, deep yellow.

**Empress.** A fine companion to Giant Emperor; pure, snowy white perianth, yellow trumpet.

Collection (NA)—10 bulbs of each. 60 in all—$4.00
Collection (NB)—25 " " 150 " —$6.00
Collection (NC)—100 " " 600 " —$15.00

Complete directions for planting and care with every order. Above special offers good only until July 1. Order now. You can pay when bulbs arrive in September or take 50% discount for cash with order. Safe arrival guaranteed.

**FREE—The Leading Bulb Book for 1924**

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

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. Make sure of getting the best at the season's lowest prices. Send for catalog now!

**Elliott Nursery Co.**

Established 1879

545 Magee Bldg. PITTSBURGH, PA.

The drainage pipe system is designed to meet the requirements of the average two-story and basement house. It will be noted that the waste from every fixture must pass through a trap which prevents any back flow of unpleasant odors.

**The Principles of Proper Plumbing**

(Continued from page 156)

second, to provide a continuous circulation of air through the system of waste piping, thereby eliminating as far as possible excessively foul gas accumulations in any part of the system. The size of waste connection and trap and also the size of vent for each kind of plumbing fixture is generally fixed throughout this country by ordinance.

Water closets located on a top floor and directly adjacent to the soil stack do not require a separate vent as the soil stack itself becomes a vent pipe from this point on up through the roof.

The size of the main house sewer is 4 inches up to the point where it leaves the building, where ordinance generally requires the size to be increased to 6 inches for the remainder of run to a cesspool or main street sewer connection, as the case may be.

The various waste lines from floor drains, tubs, etc., and the main 4 inch soil stack connect into the 4 inch house sewer at various points within the building. The size of the main soil stack which receives the discharge from water closets on the upper floors is also 4 inches and continues 4 inch through the roof, the opening in the latter being permanently weather proofed with copper flashing.

In the northern latitudes where the size of the stack is generally increased 1 inch from a point approximately 1 foot below the roof members, and that portion of the stack exposed above the top of the roof is encased in some form of frostproof jacket. The reason for this is that where extreme cold prevails the warm and moisture laden air passing up the stack tends to condense, forming hoarfrost as it approaches the outside of the building; accordingly, the opening at top is liable to become completely closed off unless some protection is afforded.

Careful design will always reduce the number of stacks passing up through the building to a minimum in the interests of economy and simplicity. In the average home only one such stack should be necessary.

Cleanouts should be placed in the main house sewer at that point where it leaves the building and also at each point where a change in direction of run occurs, in order that each straight piece of run may be cleaned of obstructions which may occur. Where the sewer line is below the floor level, cleanout connection should be brought up flush with the finished floor. Cleanouts should also be placed in each vent pipe adjacent point of connection to trap or waste line, in order to afford means of getting at and cleaning out any obstruction which might become lodged in the vent connection.

Under conditions of actual installation practically all waste and vent piping is effectively concealed in partitions and floor construction. The cleanout connections should be brought through the walls or floor, as the case may be, and terminate in neat nickel plated brass screw caps or plugs set flush with the finished wall or floor.

Now look at drawing "B", showing the system of water supply. First, we have the connection into the building from the street main with curb shut-off valve and box at about the sidewalk or street curb line, as required by practically all ordinances. The (Continued on page 162)
"Some Single Peonies, like great wild roses, hearts of gold should certainly be included in your collection." Prof. A. P. Saunders, Secretary of the American Peony Society.

The Peony shown at the left is the magnificent Japanese Tokio.

Write for FREE BOOK

Why not motor out to my Nurseries one of these glorious Spring days and visit our Peony beds at their best? You will revel in the range of color and the variety of form. You can select Peonies that combine delicate fragrance with beauty of bloom. You can add rare specimens to your present collection or build a new collection on a sound foundation of quality.

Come in late May or early June. Or if this is impossible send your name and address and receive my Peony Catalog, ready in August. It's brimful of helpful hints. Write today—before you forget.

S. G. HARRIS, Peony Specialist
Dept. B
Tarrytown, N. Y.

"Villa Monaco," Daytona Beach
Mrs. John J. Archer, New York City

Beautify Your Grounds and Lower the Maintenance Cost

The finishing touch to an artistic home is a smooth, healthy, velvety lawn. The clean, easy, fast-cutting Jacobson 4-Acre Power Lawn Mower meets highest approval wherever used. Simple construction. Anyone can easily operate it.

Cuts a 24-inch swath, at the rate of fully four acres a day with one man and a gallon of gas—saves time and money. No other mower handles so easily, does such beautiful work, gives such long-lasting satisfaction, as the 4-Acre Mower.

A Proven Product

The first Jacobsen Power Mowers ever built are still giving satisfactory service after years of service. Has more exclusive, superior features than any other mower.

Roel sharpens under mower's own power; ample power for grades and tough grass; steers easily about flower beds, shrubs, etc.

Endorsed by owners and experienced gardeners everywhere.

Our Special Jacobsen Estate Roller Mower is a wonder for especially fine, medium-size lawns. Write for the Free Book, Today!

The JACOBSEN MANUFACTURING CO.
Dept. A, Racine, Wisconsin

Jacobsen 4-Acre Power Lawn Mower

Electrifying Plants from Hicks

COTONEASTERS—Rock Sprays

are lovely, worthwhile shrubs for foundation plantings that you should know. Attractive foliage, an abundance of miniature apple blooms, and in late summer and fall, myriads of black or showy red fruits of which the birds are very fond.

C. divaricata, showiest; bright red berries persisting till late winter; desirable for trailing over walls or rockeries.

Home Landscapes, our catalogue, describes several more interesting Cotoneasters as well as many other garden treasures. Send for a copy; it's free.

Hicks Nurseries
Box 11
Westbury, L. I., New York
### A Garden Spot

**JUST BEYOND YOUR DOORSTEP**

Beautify the interior of your home, of course, but do not deny the grounds about it those touches that add so much to beauty—so much to comfort.

Garden furnishings—pergolas—rose arbors, lattice fences, lawn umbrellas, gazing globes, sun-dials, artificial stone bird baths, fountains and flower vases—all these contain a wealth of possibilities in the hands of one whose taste is expert.

Our ability as America's largest designers and builders of these products—our 25 years' experience—offer you many advantages and economies. We produce at less cost than the local carpenter. Our products are correct architecturally and are quality-built. Many embody the famous Koll Lock-Joint Columns.

Our illustrated catalog, P-34, contains many interesting suggestions. We will send you a copy upon receipt of 30c.

HARTMANN-SANDERS

Koll Lock-Joint Columns—Pergolas—Rose Arbors

Garden Furniture and Accessories

Elbow Arbor Seat No. 5

---

### Cuts Average Lawn in 2 Hours

**Easily, Smoothly, Beautifully**

Naturally, the help balks at a hand mower—it's hard work. But it's different with a Milbradt Power Mower. Easy—nothing to do but guide. Quick—takes one-fifth the time—cuts 4 to 6 acres a day. Anyone can operate it—your chauffeur or a boy can do the work at odd times.

**MILBRADT Power Mower**

The lightest machine made that cuts a full 27-inch swath. Trims close to edges. Costs little to operate. Gives you a smooth, beautiful lawn that will be a constant source of pride and pleasure. Sold on positive guarantee.

Send for full details, prices and illustrated booklet "Lawns Like Velvet." Send free on request.

Milbradt Mfg. Co.
2406 No. 10th St.
St. Louis, Mo.

---

### They follow Roses as Surely as Night follows Day!

RARE, indeed, is the rose garden of unblemished beauty. All too frequently the invasion happens overnight and before the marauders are discovered much harm is done. The only satisfactory way to get rid of these nefarious Rose Bugs is to kill them when they appear. This not only eliminates present loss but prevents them from breeding. Far-sighted gardeners now spray their rosebeds with

**Tested and Proven Fatal to Every Bug It Touches**

Spray with Melrosine when the roses come into leaf. Spray the ground around them as well. Of course, for Melrosine is fatal not only to full-grown bugs, but also to hatching larvae, and a beneficial agent to check the fungous diseases that lurk beneath the rose bushes. Melrosine is a complete insurance against bugs in your garden. Leading Seed and Nursery Establishments supply it. If not obtainable in your neighborhood, a trial can will be mailed upon receipt of 60c.

THE GARDEN CHEMICAL CO.

Sole Manufacturers of MELROSINE and LOTOL

Park Avenue and 116th Street, New York, N.Y.

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### Beautiful Dustless Weedless Roadways

There is nothing that adds more to the beauty of town or country than dustless, weedless roadways—smooth, compact, easy of travel.

Solvay Calcium Chloride will maintain these ideal road conditions at slight expense and a minimum of labor. Solvay is a white, odorless, harmless, chemical salt which absorbs moisture from the air, lays the dust, kills the weeds and binds the road surface.

On tennis courts,—gives a fast, resilient, weedless surface, free from sun glare.

The Solvay Road Book 1357 will interest you. We will be pleased to forward a copy on your request.

The Solvay Process Co.

Wing & Evans, Inc. Sales Division
40 Rector Street
NEW YORK
For Your Outdoor Living Room

You will get double the pleasure from your garden and make it a delightful place in which to entertain this summer if you will equip it with just the right Art Stone furniture. Our studios can supply you with a complete range of garden accessories—bird baths, benches, sundials, together with smaller pieces—all wrought of enduring Art Stone in a wide variety of beautiful and original designs.

Our Garden Plan Department will be glad to suggest distinctive furniture arrangements and assist you in making selections.

ARCHITECTURAL DECORATING COMPANY
1610 SOUTH JEFFERSON STREET
CHICAGO, ILLINOIS

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

$7.50

At All Bookstores

9 COLOR PLATES
165 DOUBLETONE ILLUSTRATIONS

A panorama of bloom. A scientifically classified and informative guide for those who would cultivate and enjoy their own beautiful garden, it gives confident instruction to the growing of better flowers and the making of more beautiful gardens. Covers every particular in the preparation and planting of lawn and flower beds, and describes in detail the latest grasses and flowers, as new shrubs, herbaceous plants and perennials. So unusually thorough are its instructions that it will indicate exactly what change of soil combinations to give your borders, plant for good gardening and well-groomed arrangements for fragrance and old-fashioned design. It is the most comprehensive work ever published as well as the most beautiful. It will become the standard for all lovers of gardens and gardening.

J. B. LIPPINCOTT CO.,
Philadelphia

Please send me illustrated pamphlets of this book and other similar volumes
The supply pipes and fixtures are shown here in cross-section. Shut-off valves are placed near each individual outlet to facilitate any local repairs that may become necessary. Similar provision is made on the main supply lines.

**The PRINCIPLES of PROPER PLUMBING**

(Continued from page 158)

water meter is located directly adjacent to the point where the pipe enters the building with connections on both sides of meter valves. From the meter the water service connects to water main at basement ceiling and thence to all plumbing fixtures, including the coil in the gas hot water heater and the filling connection to the house heating boiler. The hot water line starts at the top of the hot water tank and parallels the cold water piping and the fixture connections, the pitch of run always being up so as to insure natural circular flow.

A well designed system will always include a return circulation line from the ends of the long hot water pipes to the hot water tank and connected so that when no hot water is being drawn there will be a constant gravity circulation throughout the hot water pipes. This insures hot water in the hot water pipes at points adjacent to the various fixture connections at all times as long as there is hot water in the tank and means hot water at the faucet the minute it is opened.

Now, just a word about the kind of materials. Copper pipe and fittings and riveted copper range boiler for the hot water service would be ideal. In this day of high prices, however, the use of copper is greatly limited to a very small percentage of cases, commercial steel pipe with C. I. fittings and steel tank being used instead, although for a slight additional cost genuine wrought iron pipe could be had. This is recommended by most engineers due to its longer life.

All piping run below ground within the house and to points just beyond building wall should be of extra heavy C. I. bell and spigot pipe and fittings. Don't use standard weight, as it is so thin that breakages frequently occur, particularly during the cooling process. If possible, continue the entire outside run of cesspool or main sewer connection with this same weight pipe. You have all known crumbles and allows the vegetable growth to enter.

---

**A Shower Maker For Your Garden and Lawn**

Here is watering perfection, in every sense of the word. Watering with the least botherment and surest effectiveness.

The Garden Shower Maker is 16 feet long. Equipped with 8 Long Throw brass nozzles, so you can water 800 square feet at a time, without moving it. Supplied with 3 steel spear rods, to support the Shower Maker anywhere you want it.

The Lawn Shower Maker is 8 feet long, and equipped with 2 two way Dwy Drop nozzles. Has metal skids, so you can slide it around anywhere on your lawn, without turning the water off or getting a drop on yourself. Here then are two complete WhiteShower outfits.

Both giving you watering perfection with the least bother. WhiteShowers equipment is made to take care of any and every watering problem—from the average garden and lawn to the proper watering of hundreds of acres. Can ship at once. Send your order.

**COMBINATION OFFER**

The 8 feet Lawn Shower Maker costs complete $8. f. o. b. Detroit.

The 16 feet Garden Shower Maker, $12. f. o. b. Detroit.

As a special inducement to garden and home lovers we will make a combined price of $17.50 f. o. b. Detroit, for the two outfits.

Both are enduringly made. Nothing to get out of order. Each has heavily galvanized pipe, equipped with Jiffy Couplings and our special Long Throw or Dwy Drop brass nozzles. Shipped knock-down and boxed, complete, sold on an unconditional returnable money back guarantee, if not fully satisfactory after 30 days use. Prices are F.D.B. our factory, Detroit, Mich. Check, Express or Money Order accepted.

---

**THE GARDEN SHOWER MAKER**

A close up of the Garden Shower Maker. It is 16 feet long and waters 800 square feet. Made in four foot sections.

The Lawn Shower Maker is the happy happening of lawn watering. Here is real watering satisfaction. Made in four foot sections.
Coldwell Lawn Mowers

Model "L"

Always—A Beautiful Lawn
Round a Beautiful Home—

The observer invariably judges the character of the home owner by the care that is given to the lawn. Seldom, if ever, do you find the owner of a magnificent home neglecting his lawn to the extent that it impairs its attractiveness. Now is the time to bring out the hidden beauty of your lawn and make it a fitting complement to the other attributes of your home.

The Coldwell Model "L" Motor Lawn Mower and Roller has a capacity of 4 to 6 acres a day. Extremely flexible, it will suit almost any size or shape of lawn. Going to the lawn that smooth, velvety finish. Entirely dependable in every respect, its performance is in near perfection as is possible.

A word to you and we will be very glad to have our vacant Coldwell Dealer demonstrate on your lawn—at no expense.

COLDWELL LAWN MOWER CO.
NEWBURGH, N.Y. U.S.A.
HAND, HORSE, MOTOR & GANG MOWERS

FLOWERS ALL SUMMER

SOME one has called the Gollumia the "most satisfactory all round summer flower" and we are inclined to agree. Easily grown in any soil, they always flourish but bloom. The car wash last for a considerable period, throughout June and July, a constant reminder of lovely flowers. May easily be had, at small expense. Those not satisfied with these offered ordinarily will be delighted with.

DREER'S SPECIAL GOLD MEDAL MIXTURES

Made up as a high grade of high-priced named and excellently secured varieties, and offered in mixtures only, as follows:

| Section No. 1 | Certain varieties of border, snail, trumpet, oriental pansies, french marigolds, and other similar plants.
| Section No. 2 | Mixes of name pansies, including varieties such as 'Delight', 'Bellevue', 'Eva Amos', 'Flowers of the Month', and other similar varieties.

PRICES, EITHER OF ABOVE, POSTPAID

<table>
<thead>
<tr>
<th>1 lb.</th>
<th>3 lbs.</th>
<th>10 lbs.</th>
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<tr>
<td>$1.00</td>
<td>$3.00</td>
<td>$10.00</td>
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GOLD MEDAL MIXTURE—Combination of above, an easily raised that practically no one will be able to raise. Price: Postpaid, 50c for 3 lbs., 75c for 10 lbs.

Several additional mixtures as well as rows of the finest named varieties are offered in:

<table>
<thead>
<tr>
<th>Section No. 1</th>
<th>Section No. 2</th>
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| "Dreer's Garden Book," by R. Pyle, was published in 1887, and has been a standard work for over 50 years. It contains all the latest varieties, together with an elaborate selection of new and standard varieties, and describes the many illustrations of actual garden settings and specimens of flowers and plants. It is an invaluable guide to the grower of bulbs.

COLDWELL LAWN MOWER CO.
NEWBURGH, N.Y. U.S.A.
HAND, HORSE, MOTOR & GANG MOWERS

THE BLUE BOOK OF BULBS

Now Ready for You

Entirely revised from cover to cover, with the best of the season's novelties added, our Blue Book is now more truly than ever the authoritative guide for the discriminating gardener. Completely revised, with new and standard varieties, make it more than a mere catalogue. The many illustrations of actual garden settings and specimens of flowers and plants add greatly to its value. The edition is too limited for free distribution; a copy will be sent to you for 25 cents, which will be credited on order to the amount of $2.50 or over.

CHESTER JAY HUNT, Inc.
DEPT. A
Little Falls, New Jersey

LIVING WITH THE ROSE

WHEN the French mystic, Constant, said, "Je ne suis pas la rose, mais j'ai vécu avec elle (I am not the rose, but I have lived near the rose)," he phrased happily the satisfied yearning of many a heart for the incomparable comradship that springs from association with the Rose.

"Living with the rose" is something more than the mere mechanical operations involved in growing it. There is an ennobling influence in rose culture that never escapes those who know that the rose is more than a decoration for the Garden—that it is an adornment for the life of the child.

To surround a child with roses is one of the greatest gifts that can be given childhood. It places before them the opportunity to appreciate beauty. Once cultivated, the love of beauty, born through having "lived near the rose," will go with them through life, enriching their own lives and influencing the lives of others.

In June remember to pick your Roses. As beautiful as roses are upon their graceful stems they are equally beautiful upon your table and in your rooms. Frequently-cut roses bloom more freely. Watch for the rose bottle and rose slugs. They come in June. Spray every ten days for three weeks with a half pound of arsenate of lead to ten gallons of water. Spray June 15-20, again to withstand the Hybrid Tans, with liquid arsenate of lead applied to the leaves every ten days. Use the rose slugs only to pick off the rose leaves, not to cut them. Open its first appearance apply, with a few drops of water. Never have it, a ground dust mixture containing 5% arsenic ferric oxide and 10 parts of sawdust. Repeat the dose in a week if necessary.

From "How to Grow Roses"

By P. J. DREER

Price $2.00 post. pc.

Conard Star Roses are guaranteed to bloom, and are guaranteed against other roses in America are guaranteed. A nylon string, attached to each plant, enables you to know your rose and call each blower by name.

CONARD & JONES CO., 587-599 West Nineteenth St., New York.

36-PAGE ILLUSTRATED CATALOG

Roses for every locality—and purpose, with 12 choice varieties in natural colors—FREE ON REQUEST Rose Specialists for your gardens

CONARD ROSES
Guaranteed to Bloom
Because We Build 
The Big Houses So Well 
We Build The Small Ones 
So Much Better

TAKE, for example, the 1650 dollar greenhouse.

It is built of exactly the same high class materials, and by the same specially trained men, as
our finest groups of ornamental houses.

The remarkable thing is that the complete materials and equipment for a house 15 feet wide and 33 long, can be bought for so little as 1650 dollars.

When you further consider that the equipment includes all the plant benches, and heating, even to a Burnham Boiler, the price becomes still more of a wonder.

Just naturally you want to see an illustration of it, both inside and out.

Anticipating that, we have prepared a special circular which will answer all your questions.

Send for it.

THREE CALIFORNIA GARDENS
EMERSON KNIGHT,
Landscape Architect

At Little Brook Farm, the estate of Max M. Cohn, Los Gatos, Cal. is this cement figure and basin in the Lily pool. The figure was executed by Norman L. Plante.

The drive approach at Little Brook Farm is a simple handling of native stone walls broken by steps at necessary intervals. The drive turns round the pool.
The New STAYTITE Handle Identifies P. Q. Lawn Mowers

The new, STAYTITE Handle is the unmistakable mark of the mower of satisfaction in service. You'll find it only on Pennsylvania Quality Mowers. Look for it at hardware and seed stores.

Send for folder: "The Care of Your Lawn"

PENNSYLVANIA Lawn Mower Works
1637 North 23rd Street
Philadelphia

A Bird Bath of GALLOWAY POTTERY

WILL make a delightful spot in your garden, bringing the birds with their merry notes. Our collection of high fired Terra Cottas includes Vases and shapely Jars, Flower Pots, Boxes, Fonts, Sun Dials, Gazing Globes, Benches and other pieces that will add interest to your garden, sun-room and home.

A catalogue illustrating 300 numbers will be sent upon receipt of 20 cents in stamps.

GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET, PHILADELPHIA.

WHEN IRISES ARE IN BLOOM

Two score of Farr's Seedlings (originated at Wyomissing) form the focus-point in all Iris collections. Our real merit. Average rating by the Iris Society symposium is better than 8 points. Nearly 300 foreign and American Irises (none less than 7 points) grown at Wyomissing are fully described in my new catalogue of the most desirable Hardy Plants for worthwhile gardens. Send for a copy of this valuable booklet.

BERTRAND H. FARR
WYOMISSING NURSERY CO.
106 Garfield Ave., Wyomissing, Penna.

new kind of sprinkler

The amazing new Rain King waters any lawn better, quicker and easier. Has two nozzles—each a sprinkler with complete range of direction, distance and volume. Puts water where you want it, when you want it. Sets instantly for either stationary or whirling and for any desired spray from fine mist to drenching downpour. Even sprinkles around a corner. Non-wear bearings. A sturdy, substantial sprinkler that will last for years. $3.50 at your dealer's or sent direct, postage prepaid.

CHICAGO FLEXIBLE SHAFT COMPANY
3340 Lakeshore Road
Des Plaines, Illinois

You Can Successfully and Easily Raise Improved Peonies

The book "Tips and Pointers for Beginners with Peonies" makes your success certain and easy—send 25c to Henry S. Cooper, Kenosha, Wis.

A REAL POWER GRASS CUTTER

No Expert Mechanics Needed to Run It

The Moto-Mower is a compact, easily operated, moderately priced power lawn mower. Anyone can use it. Handles easily and cuts accurately. Turns corners on its own power and can be operated in small spaces. Let some of its owners tell you about it.

DY-SECT the garden insecticide

Kills among others red spider, corn borer, mealy bug, aster beetle, aphids (plant lice), thrips, soft scale, leaf hopper, red bug, cucumber, squash and cabbage beetles.

DY-SECT the garden insecticide

Kills among others red spider, corn borer, mealy bug, aster beetle, aphids (plant lice), thrips, soft scale, leaf hopper, red bug, cucumber, squash and cabbage beetles.
MontaMower—a new and entirely different lawn mower—takes the hard work out of mowing lawns. Light—weighs only 7 1/2 lbs.—handles as easily as a rake. Cuts lawn perfectly—leaves no wheel marks or ridges—trims close to walls, trees, etc. No hand trimming necessary.

**Simple—Durable—Entirely Different**

MontaMower is the result of ten years development—no gears—no long blades to get out of order or break—eight pair of steel-toothed cutters driven by eight wheels shear the grass evenly. MontaMower is built overstrength—made from finest steel—cutters will last from two to four years without replacing or sharpening. Can be easily replaced at very small cost.

**Light—Handles as Easily as a Rake**

Weighs only 7 1/2 lbs.—can be operated by a woman or child without effort—easily carried to and from basement. Practically silent in operation. Thousands of satisfied owners all over the country.

"Our MontaMower attracted quite a number of onlookers and all were interested in the rapid manner in which this mower cut down the thick grass."

ORDER A MONTAMOWER TODAY

Send check or draft for $18.00 direct to factory. Guaranteed to be as represented or money refunded. 

**GARDENS ADORNED AND NEGLIGENCE**

(Continued from page 55)

thing of his own desires and self-developed personality will have to enter into the decision if the scheme is to be entirely successful. A garden site is similar, but much easier to handle. Together with the house it presents at the start certain natural and architectural conditions which suggest the proper treatment.

Two centuries or so ago in England the art of gardening was on the point of collapse, for the reasons mentioned above. Garden designers of the formalist school had become obsessed with formality. They made it the means instead of the end, and they exaggerated formal methods of planning until gardens had got to be great rigid arrays of elaborate and meaningless patterns. They must have seemed about as bad as gardens could be; but they weren't, for something much worse was to come. The reaction to this ridiculous formalism was a wave of informality which was extraordinarily vicious. Not only many of the absurdly formal gardens, but most of the loveliest gardens in the country, were destroyed, and in their places were made gardens which attempted preposterously to imitate nature. Straight lines and symmetry were taboo. Any idea which smacked of the order-
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

DETCO MANUFACTURING COMPANY

P. O. Box 202


Consider your garden in years to come!

By order of the Federal Horticultural Board, no Narcissus Bulbs can be imported after 1925. We therefore advise everyone to

Plant Narcissi

this year

Order now and save 20%

We have chosen five splendid and distinct varieties, ideal for naturalizing, and by special arrangement with our growers, are offering them at 20% off list price, packed in Holland in case lots of 2500 bulbs.

We cannot break cases—read our special offer below and send in your order before June 30th.

W. E. Marshall and Co., Inc.

166 West 23rd Street

New York City

Special Offer:

(case lots)

If Ordered

Before June 30th

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<th>Case Lot</th>
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<tr>
<td>500 Burri Complexus</td>
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<td>500 Border Emperor</td>
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<td>500 Poeticus Frizzat</td>
<td>$17.00</td>
<td>$20.00</td>
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"JUNIOR"
3 to 5 Acres
Daily

"30-INCH"
5 to 8 Acres
Daily

GARDENS ADORNED AND NEGLIGEE
(Continued from page 166)

ly arrangement that civilized people require in their surroundings was banished by the unutterable vandals whose landscape gardening pervasions were then the fashion.

This chaotic period in gardening is mentioned because it represents so well the two extremes of style, and the effect they have when style, instead of the site and the house and common sense, is allowed to dominate the situation.

The garden site is your surest guide. Out of that the garden must grow, and on that it must lie. Of course, there must be cutting here and filling there—sometimes a great deal of it; but the grading should go no further than is necessary to give the garden, with its levelled areas, a nice conformity to the shape of the ground. The mere fact that your almost first impulse is to level off your garden area, even though it involves the devising of a system of terraces on a steep slope, indicates a real desire for an orderly arrangement of its planes and a sense of composure in its surfaces. The same instinct which prompts you to do this leads you to arrange the paths, beds, walls, steps, arbors and planting in a manner that satisfies your desire for symmetry, balance and proper proportion.

Thus regularity finds its way into gardens. The character of that regularity will be determined by the character of the site, by the style of the house, and by the quality of the planter's taste. It is perfectly logical, also, that the grounds should find the degree of intenseness in their regularity determined by their proximity to the house. As Sedding writes in his admirable book on the art of gardening, "It is essential that the ground immediately about the house should be devoted to symmetrical planning, and to distinctly ornamental treatment, and the symmetry should break away by easy stages from the dressed to the undressed part, and so on to the open country, beginning with the wilder effects upon the country boundaries of the place, and more careful and intricate effects as the house is approached."

But even in the most symmetrically arranged parts of the grounds plants are the chief means of decoration, and plants, for the most part, are anything but regular. Also, the contour of the ground that adjoins the level and symmetrical parts of the garden is rarely regular. These two points are used very often as arguments for complete informality in garden planning—a sort of carry-over from the "naturaliesque" period of "Capability" Brown. As a matter of fact they are quite the reverse and are really arguments for a rational scheme of regularity, for the most beautiful thing in a garden is the play of the more or less wild and natural grace, contained in plants and the surrounding site, against the man-made form of the garden's pattern, its paths and walls and architectural substance. If it were not for the contrasts created by this play of nature against art, gardens could hardly exist. Certainly, they would have no reason for being, for at one extreme they would be wild nature, and at the other they would be sheer architecture. The thing worth seeking, then, is the perfect compromise—regularity and informality, and the combination of those two great ingredients of gardens suggests, with here the quality of adornment and there that of negligence.

Richly and informally planted beds in the garden of F. H. Goodyear, East Aurora, N. Y.:

W. Pitkin, landscape architect

A pathway leading from formality to informality in a Connecticut garden. Marian C. Coffin, landscape architect
June, 1924

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In the next issue of House & Garden the “Ideal Smaller Homes” Series that starts in this issue on page 56 will advance a further stage.

In the July Small House number of

WE BUILD FOUR IDEAL HOMES

In the present number we show you four typical suburban sites, and discuss their characteristics. In the next (Small House) number we shall build four houses on them, giving you plans, architectural details and perspective views, all simplified for the layman’s comprehension.

The architects, nationally known figures in their profession, are Richard H. Dana, Jr., of New York; Edmund B. Gilchrist, of Philadelphia; Howell & Thomas, of Cleveland; and Johnson, Kaufmann & Coate, of Los Angeles. Each of the four has faced his house towards a different point of the compass. Each has been influenced by the climatic conditions of different sections of the country.

These houses solve, each in their own way, the difficult problem of the smaller suburban home of taste, in which House & Garden readers have expressed much interest. They are not palatial—but roomy and comfortable. Not pretentious—but with a style and individuality of their own. Not costly, but well designed and solidly constructed—the sort of houses that give their owners a standing in the most restricted community.

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