Standard Plumbing Fixtures

Pittsburgh
Your New Home

When you build with Bishopric Stucco over Bishopric Base you build for the future as well as today. Time serves but to enrich the charm of Bishopric Stucco. Its life is not measured by years but by generations.

Bishopric is a protection against moisture and dampness and will keep you warm in winter and cool in summer. Your fuel bills will be automatically cut by Bishopric.

Insist upon Bishopric Stucco over Bishopric Base. The first cost of Bishopric is low. There is no upkeep cost of painting and renewing. This means a saving for you now and afterward.

BOOKLET
Send for our illustrated Booklet explaining the advantages of Bishopric. It is yours for the asking.

THE BISHOPRIC MANUFACTURING CO.

BOOK OF PLANS
We have prepared for you a number of interesting house plans designed by several of the leading architects of the country. This will be sent to you on receipt of twenty-five cents, cash or stamps.

BISHOPRIC

Residence of Mr. D.F. Peyton, Altadena, Calif.
ARCHITECTS AND BUILDERS—G.L. STIMSON CO.

Residence of J.J. Winter, Concordia Kans.
ARCHITECT—W.T. Short & Son.
Bishopric Stucco on Bishopric Base.

Residence of A.P. Pistorioli, Rochester, N.Y.
ARCHITECT—W.W. Ward.
Bishopric Stucco over Bishopric Base.
No consideration of any nature has been permitted to interfere with the perfection of De'Jon.

Money and experience without stint have been expended in its creation. The soundest electrical and mechanical principles known today have been combined in its design. The finest materials to be had, and the most infinite care have been used in its making.

Thus De'Jon has been created as the Electrical System for those finer motor cars whose makers provide quality without compromise.

DEJON ELECTRIC CORPORATION

Builders Ignition Technique

POUGHKEEPSIE, NEW YORK
The 5-Passenger Reo Sedan, illustrated, typifies Reo value. Long, modish lines of cowl and body are matched by superb interior beauty. Upholstery is good looking and long wearing; seats and backs are shaped, dimensioned and padded for maximum comfort.

It is mounted on the distinctive Reo double-framed chassis and powered with the famous Reo 50 h. p. six-cylinder engine. Price is $1985 at Lansing, plus tax. Balloon Tires (genuine, full size) $100 extra.

Reo Motor Car Company
Lansing, Michigan

To match Reo value it is necessary to match Reo’s policies, Reo’s facilities, Reo engineering, Reo’s apprentice-developed corps of workers, Reo’s buying power, Reo self-containment and Reo’s country-wide system of service stations—in addition to Reo’s low prices!
Send for interesting illustrated catalog giving full details of Thatcher Boilers.

Every Room a Warm Room

—and small coal bills too. The Thatcher Round Boiler (Steam or Hot Water) keeps every part of the house at a consistent temperature—delightfully warm and cozy.

And economical—because it extracts practically every bit of heat from the coal and distributes it evenly throughout the house. Your coal bills tell the story.

Backed by 74 years of manufacturing experience.

THATCHER HEATERS & RANGES

THATCHER FURNACE COMPANY
Makers of Good Heaters and Ranges Since 1850

THATCHER BUILDING
39-41 St. Francis Street
NEWARK, NEW JERSEY

Eastern Display Rooms
133-135 West 35th St.
NEW YORK, N. Y.

Western Display Rooms
341 North Clark St.
CHICAGO, ILL.
Learn Before You Build

In the years of planning that precede the building of your new home, you will fortify yourself against later disappointments and regrets by securing all the information available regarding the materials to be used. In each case, it is wise to balance carefully price with quality, and delay building a few years longer, perhaps, rather than make a poor investment in cheap and unsatisfactory materials.

Indiana Limestone is one of the materials that you should know about in order to be progressive and well-informed. It is a natural stone, quarried from the hills of southern Indiana, and is attaining increasing popularity among home-builders for the exterior of their homes. When so used, it produces an effect of great beauty, and will, in addition, prove thoroughly practical in every respect for generations to come.

If you are not familiar with the different varieties of Indiana Limestone, the various ways in which it may be used to secure interesting effects, and its consistently dependable qualities, we will gladly furnish you with literature or any other information you may desire, if you will write to the address given above.

Build The Nation Securely With

Indiana Limestone

The Nation's Building Stone
AMERICA'S FOREMOST DECORATORS USE PLATE GLASS for TABLE and DRESSER TOPS

STEP into the most beautifully and expensively furnished homes and you will find the table tops covered by Plate Glass. Decorators are using it more and more, not only to protect the tops, but as an element of decoration.

Highly polished tables quickly accumulate a multitude of minute mars and scars from everyday usage, and soon lose their lustre. Plate Glass not only preserves the top from growing dull, but enhances its fine finish as well.

Plate Glass is especially appropriate for hand-painted tables, buffets, serving tables and dressers. Why cover the handsomely decorated tops with an all-over cloth? Yet they must be protected. Plate Glass protects without hiding the decorations. Table runners and luncheon sets can be used either over or under the glass with striking effect. Many decorators are using a brightly colored and figured silk or cretonne under the glass. This is especially suitable for wicker summer furniture in the sun parlor or on the porch or terrace.

Dressers, chiffoniers and dressing tables are particularly subject to disfiguring accidents. Toilet waters, perfumes and cosmetics containing alcohol quickly cover the top with spots and rings. Liquid will run down the sides of the bottle and, wherever it touches the varnish or paint, leaves an ugly mark.

Plate Glass is now almost universally used to cover dresser tops in well-appointed homes. Printed cloths or tapestries are usually placed under the glass with pleasing effect.

Plate Glass is easily and inexpensively obtained from any glass or hardware dealer. He will come to the house, measure your dresser and table tops, and deliver the glass cut the proper size and shape, with edges nicely smoothed. It is far less expensive to protect your furniture this way than to have it refinished frequently.

Plate Glass makes the popular hand-painted furniture practical as well as beautiful. It is here used very effectively as a protection to both the table and the sideboard.

Library and console tables offer a splendid opportunity for the use of Plate Glass. It makes a good writing surface and preserves the top finish from the little accidents of everyday usage.

Plate Glass can be cut to fit any shaped top. The dressing table (left) is covered with the same material as the valance. Plate Glass also serves to protect the silk with which the dressing table (right) is covered.

Plate Glass Manufacturers of America
For many years, outdoor sports, and particularly golf, were essentially pastimes indulged in by people of means. These people were willing to pay a “class price” at sporting goods stores, which purveyed to that clientele alone.

Sports, however, have undergone a healthy democratization, in recent years. And with that trend, men and women have come, in increasing numbers, to Macy’s to buy their sporting goods. They have done this because they have discovered that Macy’s traditional policy of underselling, by at least six percent, all the important New York stores, applies with equal force to the whole realm of apparel and equipment for sportsmen and sportswomen.

In our comprehensive collection, all variations of sports paraphernalia will be found—from simple equipment for the beginner to the complex, high-grade types which the expert demands. Everything for golf and tennis, for baseball and fishing, is included. And, incidentally, we are the leading distributors, in this city, of the celebrated Old Town Canoes.

R.H. Macy & Co.
34th St. & Broadway Inc. New York City
The modern theater goer quite naturally anticipates hearing a pipe organ in any well-appointed theater. Many of the best houses feature their organ programs quite as much as they do their attractions on stage or screen. Metropolitan theaters avail themselves of the organ to augment the tonal effects of the full orchestra. Smaller houses use it to supplant the orchestra entirely—a measure of economy for the owner that is at the same time an added delight to his patrons.

The Estey Theatre Organ is especially designed for its mission. Its extreme flexibility permits it to interpret the changing moods of a motion picture with utter fidelity. Its wide range enables it to match in tone and shading all the laughter and tears and eternal thrill of the age-old human drama.

Estey Pipe Organs are also built for homes, churches, hotels, and concert halls. Each is planned and built for its specific purpose according to location and volume of sound required, but all are alike in their perfection of the tone and construction.

Estey Organ Company, Brattleboro, Vermont
This hallway might well be termed "A Study in Simplicity." No elaborate carvings, no wall hangings or pictures, no rugs, and practically no furniture—yet it radiates hospitality. Why?
The solution rests in the artistic beauty of the Genuine Mahogany used, and the perfect design of the staircase itself. Here we have a compelling example of the warmth which Mahogany, properly treated, lends to its surroundings.

When this work was built a century ago, the Mahogany handrail, spindles and newel post fortunately were given a simple finish. Hence through the years light has been able to reach the wood and enhance its natural beauty.

Although several other woods are masqueraded as Mahogany, Genuine Mahogany for furniture and interior woodwork is readily obtainable in any desired quantity. If you wish it to age gracefully, and assume with time the beauties that have made this staircase a masterpiece, insist on a simple, transparent finish.

Be Sure it is Genuine Mahogany

Mahogany Association, Inc.
1135 Broadway
New York

A National Organization of Mahogany Producers
THE HERITAGE
OF HANDICRAFT

ONE interesting feature always apparent in the Oriental Rug is the evidence throughout of an inherent and ancient handicraft.

Each weaver claims his “family secrets” in the methods he employs in dyeing, spinning and the other necessary processes of preparation. These secrets pass from parent to child, and each in his time seems to leave a mark of individuality in the work.

Every rug is different—and in addition to being a floor covering above comparison—it provides a source of constant pleasure and interest.

We are always glad to extend to our clients the knowledge gained through many years of close association with the East.

W. & J. SLOANE
ESTABLISHED 1843
FIFTH AVENUE AND 47th ST., NEW YORK
WASHINGTON SAN FRANCISCO
July, 1924

**LUSTRE-LACE LACE CURTAIN**

**FILET NETS**

**BEDSPREADS**

Lovely colors and silky texture—the charm of Scranton Lustre-Bedspreads

Here are the most fascinating new spreads from the famous Scranton looms. They are Lustre-Bedspreads—delightfully silky in effect and very beautiful in their soft, harmonious colors. They come in broad stripes of blue, rose or gold which conform with almost any color scheme, and are of the crinkly texture that is so much in vogue. Being easily and safely washed, they can be kept as fresh and inviting as newly laundered sheets. In addition to these artificial-silk-and-cotton spreads, Scranton makes a charming variety of other kinds.

For the windows of your bedroom, as well as every window of your home, there are appropriate Scranton curtains—airy filet nets, shadow laces and casement fabrics as well as the new lustre weaves. All are marked by that perfection in design and finish which characterizes every fabric from Scranton looms. It is a delight to feel the soft textures, to follow the exquisite traceries they show, to seek in vain for an erring thread. When you go to the store, ask for these materials by name and be sure, particularly, that the name “Scranton Lustre-Lace” is woven in the top of the Lustre-Lace Curtains you are shown.

Fill out and mail the coupon for booklets, “New Outlooks for Every Home” and “Scranton Bedspreads.” If you have an unusual problem in curtaining, write our Service Department about it.

THE SCRANTON LACE COMPANY
Dept. 8-T, Scranton, Pa.

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

Name.

Address.

City.
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 corrodable 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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- Buffalo, N. Y.
- Hastings-on-Hudson, N.Y.
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In Canada: ANACONDA AMERICAN BRASS LIMITED, NEW TORONTO, ONTARIO
Of all your day dreams, none glows with such enchantment as does the home of your heart's desire. Beautiful will be this home you plan to build some day in the golden future—the home of your dreams. In form, in color, in texture, it will be truly expressive of your ideals.

For years you have dreamed of this high happiness. Now opportunity awaits you to make your dream come true.

As an inspiration and practical guide in building your home this very year, we offer

"Plans for Concrete Houses"

This book shows forty ideal homes ranging in cost from $3,000 to $10,000—the work of prominent architects in every section of the country.

The book, and the plans-and-specifications service back of it, will help you get the home you want at the price you want to pay. Our charge for the book is only fifty cents. Why not reach for your pen right now? Address:

PORTLAND CEMENT ASSOCIATION
111 West Washington Street, Chicago

A National Organization to Improve and Extend the Uses of Concrete
Offices in 30 cities
You will enjoy reading "The Overlooked Beauty Spots in Your Home"—a profusely illustrated booklet which we are sending to all who request it.

No scheme of decoration can be successfully employed without oak floors to serve as a ground color.

The one touch of refinement essential to every well planned home

It is fortunate that oak floors are not a high priced luxury, but economy is the least important feature in the use of this everlasting wood. It was not economy or durability that led the French nobility to select oak. Neither was it a factor with our colonial forebears. Oak was chosen for flooring because in no other way could a scheme of decoration be successfully and worthily employed that would harmonize with the exquisite taste displayed in the appointments of their chambers.

What held true then, holds true today. Everyone with a keen appreciation of interior arrangement recognizes in oak floors beauty spots that enhance the charm of any room. They are the one touch of refinement no home lover can afford to overlook.

For happiest results specify Perfection Brand Oak Flooring when you plan your new home, or remodel your present dwelling. In Perfection you will find a beauty of grain and uniformity of texture that will assure you of a perfect floor.

If the leading lumber dealer does not carry Perfection, write us and we will give you the address of one near you.

Our latest booklet on the entire subject of oak floors—entitled, "The Overlooked Beauty Spots in Your Home," will prove invaluable. We will be pleased to mail it to you on receipt of your name and address. The edition is limited, profusely illustrated, attractively bound. An immediate request is advised.

ARKANSAS OAK FLOORING COMPANY
PINE BLUFF, ARK.

PERFECTION
Brand Oak Flooring
Forget your Clothes!

Enjoy carefree Travel—with an Autorobe Trunk on the Running Board

Horizon-bound! Leave your last worry at the curb and wave it a joyous good-by! You have assured yourself of carefree travel. You don't even have to think about your clothes. On the running-board, or rear platform, packed securely and safely in that marvel of compactness—the Autorobe Touring Wardrobe Trunk—are all your garments; sport clothes, suits, filmy frocks, gowns, dinner clothes, shoes, stockings—all as secure and "wrinkle-proof" as in your wardrobe at home.

When you stop at a wayside inn, the porter will unfasten two bolts, pick up the trunk by the handle and carry it—like a suitcase—to your room.

Marvelous to behold—when the trunk is opened and the clothing is taken out—there's no pressing to be done, as nothing is rumpled! That's the kind of trunk you'll find the Autorobe to be. A perfect wardrobe trunk with seven hangers, shoe pockets and removable trays. A water-proof, dust-proof cover keeps clothing spotless. Comes completely equipped with bolts, ready to be fastened to the running-board or trunk-rack.

Takes so little space it can be used in Pullman staterooms and steamship staterooms without inconvenience.

Ask your dealer to show you this wonderful trunk. Put it on your car and discover real touring luxury.

Sold by leading department stores, baggage and accessory shops and leading automobile dealers. Order your Autorobe now to be certain of delivery. If your dealer can't supply you, write us for descriptive booklet and the name of the nearest store which sells the Autorobe.

AUTOROBE TRUNK CO., Petersburg, Va.
We are using it in fifty houses

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

Made from gypsum rock, it has all the lasting virtues of the material that has been used for centuries in building the finest walls and ceilings. It is not pulp, paper or wood board.

It will not warp, shrink or buckle. It is a natural insulator against summer’s heat and winter’s cold. It will not burn, ignite, or transmit heat.

It saws and nails like lumber. It comes precast and all ready for use. It is made in broad, ceiling-high sheets, 3/4-inch thick, with a patented edge that insures solid, tight-jointed and smooth-surfaced walls and ceilings.

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

Sheetrock takes any decoration perfectly—wall paper, paint or panels. Testone, The Sheetrock Decorator, is our specially prepared decorative wall finish, easily applied in a single coat, and offering many fine color combinations.

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

Sheetrock is inspected and approved by the Underwriters’ Laboratories, Inc.

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With what confidence good builders rely on Sheetrock is shown in the widespread use of this fireproof wallboard in many large building projects. The International Paper Company, for example, is just completing from 50 to 75 eight-room houses in La Salle, N. Y. In every one of these good-looking, well-built residences, the walls and ceilings are being made of Sheetrock. The work goes forward steadily and speedily, because Sheetrock comes ready for use, is always uniform in quality, easy to erect, and can be decorated immediately, eliminating all delays. Big advantages whether you are building one house or many, or just making alterations and repairs. Get Sheetrock from your dealer in lumber or builders’ supplies. Write us for a free copy of “Walls of Worth” and a sample of Sheetrock.

UNITED STATES GYPSUM COMPANY
General Offices: 207 West Monroe Street, Chicago

Read this —
you people who love real homes

A ROOF as permanent as the very foundation of your home! That's what Eternit Asbestos Shingles promise you!

Any architect or builder will tell you asbestos shingles are the most satisfactory roofing material on the market. And now Eternit Shingles offer you a most remarkable and improved asbestos shingle that sets new standards of roofing quality.

All asbestos shingles are a compound of materials. The asbestos is the binder that holds them together. Therefore, the quality of asbestos regulates the quality of the shingle. The South African asbestos used in Eternit Shingles is recognized as the finest in the world because its clean, extra-long fibres knit together with unusual strength.

Some shingles are cast or moulded. But Eternit Asbestos Shingles are built-up of layer upon layer of clinging asbestos fibres. Matted into place, criss-crossed and interwoven, they give sturdy, storm-proof strength. Under enormous pressure these built-up layers are forced into a solid, non-porous mass. Seasoning for three whole months keeps them from twisting and cracking, as shingles do that must season on the roof.

Eternit Asbestos Shingles are fireproof, water-proof and lay flat through the severest storms. Unaffected by time and weather. Nothing in them that can dry out, decay or deteriorate. Truly eternal. Laid with copper nails, they make a storm-proof roof that lasts forever.

You will appreciate their beauty too. The natural gray, Indian red or blue-black of Eternit Asbestos Shingles adds an attractive touch of color to your house. They give it a well-roofed, well-kept air, that adds greatly to its value.

Before you roof or re-roof, find out about the splendid economy of Eternit Asbestos Shingles. Write us to-day for full information. American Insulation Co., Roberts Avenue and Stokley Street, Philadelphia, Pa.
I Think She Came From a Land of Fire

On a summer day undreamed of beside
the fabled sea—a wonderful girl and a
wonderful man and a Playboy making three,
but not a crowd.

Lilting airs from the cool sea floor—the scent
of sea blown blossoms from the land—
Just loiter and let the world go by. You
will know the meaning of the sunset—you
will talk the language of the stars. That’s joy.

JORDAN MOTOR CAR COMPANY, Inc., Cleveland, Ohio
IT wasn't so long ago that most men made quite a ceremony of buying a tire—and even then paid out their money with some doubts.

Today when a Royal Cord user wants a new tire, he buys another Royal because there is no other reasonable thing to do.

You don't find the Royal Cord user at all ready to carry on mileage experiments—at his own expense.

Each Royal Cord he buys does more than he would have asked of it.

United States Rubber Company

U. S. Tires are the only tires in the world made of cords solutioned in raw rubber latex

UNITED STATES TIRES ARE GOOD TIRES
As cool in summer, as it is snug and weatherproof in winter, the Ford Closed Car has an unfailing appeal to women and children, who appreciate its many features of comfort.

Furnishings and equipment of the Sedan are of the highest order, including soft, durable cushions, revolving type window lifts, windshield visor, cowl ventilator, rugs, dome light, door locks, electric starting and lighting equipment. And the Ford Closed Car costs so little to own and operate that mother and children can use it daily for every errand of business or pleasure.

Tudor Sedan, $590  Fordor Sedan, $685  Coupe, $525  (All prices f. o. b. Detroit)
New wheels? NO!

VACUUM CUP BALLOON TIRES
fit your regular rims
Oakmount Country Club, in Glendale, near Los Angeles, Cal. Celotex panels used on walls and ceiling. No photograph can do justice to the texture and natural Celotex color in this room.

Celotex is a strong, rugged, weather-proof durable building lumber made from the long, tough fibers of cane, stronger than wood for sheathing—equals cork for insulation. Celotex is used for sheathing instead of wood; for plaster base, roof insulation, sound deadener and exterior finish. Stock sizes: Thickness 9/16 in.; width 4 ft.; lengths 8 ft. to 12 ft. Weight about 60 lbs. per 100 sq. ft.

Strong, Rugged and Beautiful

Celotex—stronger on the wall than wood sheathing, rugged enough for a plaster base, as effective as cork for insulation—is beautiful enough in its natural state for the interior of a fine country club.

Used on the walls of your home as sheathing, Celotex will keep out both summer's heat and winter's cold. It will keep out dampness and prevent drafts around door and window casings. A Celotex house is healthful.

As plaster base in place of lath, Celotex adds to your home, at no extra cost to you, its high insulating value and its sound deadening qualities.

Your home, with Celotex as sheathing and as roof insulation, will be heated at a fourth to a third off ordinary fuel bills and will be exceptionally cool in summer.


CELOTEX
INSULATING LUMBER

THERE IS A USE FOR CELOTEX IN EVERY BUILDING
These comforts are saving and paying for themselves every day in the year. They are a necessity of good household economy.

It will pay you to investigate the cost of installing Chamberlin Metal Weather Strips in your home. They are not expensive. The experience of thousands show that their cost is more than saved on fuel alone.

And think of the comfort they give—the protection against dust, dirt, and soot constantly sifts in. They end this fight against needless dirt—-a tedious labor removed from daily tasks.

Redecorating is not a yearly necessity in homes equipped with Chamberlin Metal Weather Strips. Wall paper stays fresh. Curtains keep clean longer. Furnishings are saved from soilage. More than 20,000,000 doors and windows are Chamberlin equipped.

No household equipment so thoroughly pays for itself in satisfaction. In heating months Chamberlin Strips save 25% to 40% on fuel. Keep all parts of the house warm. End draughts. Stop rattling doors and windows.

Installations are made room by room, with practically no disturbance or inconvenience. Investigate now. See how economical this permanent protection will prove.

CHAMBERLIN
Metal Weather Strips
and Inside Door Bottoms

Chamberlin Inside Door Bottoms enable you to admit fresh air to any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

CHAMBERLIN METAL WEATHER STRIP COMPANY, DETROIT, MICHIGAN
1644 W. Lafayette Blvd., Detroit, Michigan
The Heart of the Home!

The Kitchen the heart of the home? Materialistic? Not a bit of it! Cooking's the first of the household arts, and colors your views of all the others. And you can't expect good cooking from a bad kitchen. HOUSE & GARDEN always remembers the importance of the offices of the House. But once a year it turns aside for a special orgy of stoves and sinks and washbasins. Yes, it's the

Household Equipment Number

August

HOUSE & GARDEN

First and foremost, we take the four "Ideal Smaller Homes" that you see in this issue, and equip the kitchens, laundries and bathrooms.

... five pages of expert information as useful to the established housekeeper as to the bride who must start with the bare walls and construct all at once a smooth-running mechanism for her home.

There'll be another practical article, too, by Ethel Peyser, who knows as much about kitchens and laundries and what goes in them as 'Chinese' Wilson knows about plants. The "Seen in the Shops" pages will show new—and priced—devices for old household chores. And some novel but well-tried ideas on equipment for the garage.

But you wouldn't make a whole number out of the Cinderella rooms of the house, any more than you'd spend a whole month in the kitchen. So we give you an essay on "Styles in Houses"—which don't change, fortunately, like styles in dress... . . .

... and actual houses from Holland, Georgia, California—doorways from England—architectural details from New Orleans. The last exquisitely photographed by Arnold Genthe.

Irises, rock gardens, dove-cots and pigeon-houses mingle with modern reproductions of period silverware. And there'll be decorating ideas that will make you want to hurry home from the sea or the mountains, to work them into your own rooms. But—

Be sure to reserve your copy now—particularly if you're going to be some place away from your regular newsdealer next month.
The only Control for Casements

With a positive lock at the rush to stop all rattles:

**MONARCH**

Permits casement windows to be opened and closed or securely locked at any angle without disturbing screens or drapes. Can be attached concealed or exposed.

**Booklet Free**

"Casement Windows" is an instructive booklet which explains the beauty and convenience of casement windows. It describes in detail the Monarch Control Lock, Monarch Automatic Casement Stay, and Monarch Casement Clock. Free on request.

MONARCH METAL PRODUCTS CO.
4920 Penrose Street,
St. Louis, Mo.
Also manufacturer of Monarch Metal Weather Strips

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**The Pease Clothestree**

(Patented and patents pending)

**ARMS CLOSED**

Save Space and Weary Steps for Yourself

The Pease Clothestree stands when open in 25 inches square; 5 ft. 30 lb.; gives 60 FT. HANGING AREA (plenty for average family). It RE- TOLERS; you can love sitting down. Use one or any of the 36 arms. IT ROLLS ANYWHERE. Dry or air your clothes over register, by radiator or in sun. Keep in corner when not in use. Hard wood; nothing to rust or stain. Will last lifetime. Write NOW for folder. Give dealer's name.

H. G. Wood Mfg. Company
Dept. N-4
Dexter, Maine

---

**Running Hot Water for the Home**

Excelsior supplies hot water during the entire heating season without cost by using the heat of either the furnace or boiler. There is no extra expense as Excelsior uses your present tank and piping. Then, year in and year out—so long as your heating plant is running—your hot water supply is available practically without cost or care. Over 150,000 users are enjoying this real hot water comfort without hot water expense. Now, during the summer is the most convenient time to install.

We will gladly send a free explanatory booklet

Excelsior Specialty Works, Inc.
374 Excelsior Bldg.
Buffalo, N. Y.

---

**Make Your Porch Cool**

Make your porch into a cozy, cool retreat by day and a sleeping porch at night—airy and secure from inquisitive eyes.

In VUDOR Porch Shades only can you obtain the exclusive Ventilator woven in the top. VUDOR Porch Shades are made of beautifully stained wood slats in weatherproof permanent colors. VUDORS last for years.

VUDOR Porch Shades are very moderate in price. A shade 6 feet wide with a step of 7 feet, 6 inches, new costs only north of Alabama and cost of Colorado. Suits to fit any porch priced proportionately.

Send for illustrations in colors and the name of your local dealer.

Hough Shade Corporation
261 Mills Street, Janesville, Wis.

---

**American Window Glass Co.**

The Utility and Economy of Glass

More and larger windows lend charm and insure better sanitation, a glass enclosed porch makes a cozy sun parlor. A greenhouse extension costs comparatively little.

A French window is beautiful and convenient, a built-in, glass-doored bookcase adds much to a room and a glass panelled door makes dark rooms more cheery.

Enclose the summer house or convert a window into a delightful aviary. Look about you, think in terms of window glass, perfect the home at little expense.

Our methods represent the greatest forward stride in window glass manufacture. More lustrous, stronger, clearer and graded to the highest standards, the glass of this company is best and merits your careful identification by means of our elliptical trade mark found on every box.

Sold by reliable jobbers and dealers in every community.

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Sold by reliable jobbers and dealers in every community.

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**The Pease Clothestree**

(Patented and patents pending)

**ARMS CLOSED**

Save Space and Weary Steps for Yourself

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**The Pease Clothestree**

(Patented and patents pending)

**ARMS CLOSED**

Save Space and Weary Steps for Yourself

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Division of Maxwell Motor Corporation
THE other day we were called upon to perform a peculiar task. Unheralded we dropped into a strange household. We had been told that the house was surrounded by a remarkable garden. It was raining, so the garden had to be hurriedly viewed under the direction of the master of the house. Then he took us indoors, where we found the mistress of the house. She stood in the middle of the living room rug and around her in neat piles were six years of House & Garden, a year to a pile.

"You've caught me in the act," she confessed. "I've saved these HOUSE & GARDENS until there's no more room for them. I planned to spend this rainy afternoon looking over and seeing which I wanted to discard, but, oh my! I can't make up my mind to part with any of them!"

And then we were asked (since we had helped create all those issues) just which ones ought to be thrown away. There's poetic justice for you!

On the way home we kept wondering if there weren't hundreds of other people to whom an accumulation of HOUSE & GARDENS is a blessed and pleasant nuisance. They really ought to send them away, but the pages can't be spared—and so back on the shelves they go. Yes, hundreds of people do keep files of them over and seeing which I wanted

because each day brings us letters referring to issues in 1916, 1917, 1918, of which, perhaps, we ourselves only have one copy. A house remembered, the detail of a door, the glimpse of a room, the layout of a garden—such things have registered on the memory, and back the reader goes to those dusty pages to revive the interest again.

In the parlance of journalism the "life" of the average magazine is very short. It is read, laid aside on a table for a while, and then finds its way into the waste basket. That "life" is a matter of days. Judging from the above examples, House & Garden has a long life; its interest holds over a number of years.

There are some definite reasons for this. The articles you read in House & Garden are authoritative; they are not "gotten up" by hack writers, but are carefully prepared by authorities on the especial subjects. For this service House & Garden pays these authorities more than any other magazine in its field.

The houses, the interiors and the gardens shown in these pages are, with few exceptions, the work of architects, decorators and landscape architects who lead their profession. The type of articles and the manner of their presentation are carefully studied, making them the standard for the presentation of such material.

And, finally, we are not interested in anything else than the architecture and building of homes, their furnishing and equipment and the making and maintenance of gardens.

These are some of the reasons why people can't make up their minds what numbers of House & Garden to discard. These are the reasons why House & Garden shares with the cat its nine lives.

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EQUIPPING is the fourth and final stage in the materialization of a home. It may sound like a mundane subject, but, as any housewife knows, a home cannot run smoothly and efficiently unless the kitchen, the laundry and the bathroom are equipped for ease of operation.

In the August issue we equip the four smaller houses you find in this issue. Each will be pictured. Into each Ethel R. Peyer will place the necessary furnishings and machines; the readers have merely to step in—and the bathrooms, kitchens, and laundries will begin working.

There are two other kitchens shown in this issue; the Shops pages will display some new kitchen aids and, farther along, the equipment of the garage will complete the story.

If furnishing be part of equipment, then the story of period silver, the article on fabrics and the Little Portfolio of Good Interiors will lend a hand.

O.N this August issue the prospective builder will find three houses—a large estate in California, a small house in Atlanta, Georgia and a house in Holland. New Orleans will be represented by ancient architectural features from the camera of Arnold Genthe. England sends two pages of doorways. In fact, there is quite an international and sectional feeling about this August number.

The gardener, looking for authoritative articles on subjects supremely important to him, will turn to what "Chinese" Wilson has to say of hardy conifers, to what Herbert Durand writes on native ground covers, to the article on the lesser known Iris and to Richard Riche’s story of suburban backyard rock gardens.

Just as this July Small House Number is one of the most important issues of the year, so is the August Household Equipment Number. We do not hold to the theory that people cease reading magazines in summer. For that reason our summer issues are among the most important.

OCTOBER will see the opening of the de Forest wing of the Metropolitan Museum of Art. This will provide adequate space for eighteen American rooms and five hundred pieces of furniture, not to mention numerous other items in various materials, such as pottery, glass and silver.

This opening should mark the beginning of a new era in American design. Devoted entirely to early American art this wing will state the case as to our history, will present it in such manner that all of us shall be able to see what our premises really are, will give us—in sporting language—a new take-off. With that, it is safe to assume, the first chapter of American art will come to a close. During its writing myriad efforts and experiments have been made by our designers and manufacturers, all aiming toward this new Americanism in art, especially in industrial art.

These efforts will be seen to bear fruit in the second chapter of our development, a chapter which is to begin with the opening of this wing.

WE wonder if people read Father Thalb’s poems nowadays. This goodly priest of Baltimore was a lapidary among poets; his poems rarely exceeding a few lines—but, oh, such lines—gentle, kindly, devout, lovable lines. There is "The Brook" that we remember in these summer days:

It is the mountain to the sea
That makes a messenger of me.
And, lest I falter on the way
And lose what I am sent to say,
He sets his reverie to song
And bids me sing it all day long.
Farewell! for here the stream is slow,
And I have many a mile to go.

T.H. greatest destroyer of our forests is fire and most of the fires are incendiarly—caused by careless campers, tobacco users and hunters. The careless camper cannot be a good citizen. Lighted cigar and cigarette stubs and matches thoughtlessly tossed by campers, or from passing automobiles, cause over 90% of the Forest fires.

Forest fires in the United States every year destroy or damage timber in sufficient amount to build 5-room homes for the entire population of 500,000 inhabitants. During the past ten years forest fires in the United States have burned over an area as great as the state of California and the damage has been in excess of $1,000,000,000.

One of the reasons for the apathy of the public concerning forest-fire prevention is the erroneous figures given by the papers in dollars and cents of the damage done. In one article damage to 650,000 acres of valuable timber was given as $650,000. Can you imagine anything more ridiculous than $650 an acre for this valuable timber? The loss cannot be estimated in trees, or birds, young deer, rabbits, squirrels or fish which have been destroyed.

The hunting season—the vacation season—the fishing season are only just begun and he who runs may read in the daily papers:

Campers, smokers and hunters, who enjoy these magnificent forests and good roads should have a greater sense of their responsibility and be held accountable for any damage through carelessness.

Learn the etiquette of the forest. There is no excuse for leaving a burning camp fire or throwing a lighted cigarette or cigar into the dry grass.

Don’t be responsible for a dead forest!

O.F all the varied forms of flower growing in this country, the Rose is enjoying the most intelligent, thorough and helpful study. Due to the efforts of the American Rose Society and to Rosarians the country over we are building up an unique body of Rose literature. The latest addition, and one of the most valuable, is George C. Thomas, Jr.'s "Roses for All American Climates", in which the Roses suitable for each section are studied in detail.

Writers are also treading down some of the prejudices against the Rose—tearing down the legends that they are hard to grow and hard to keep in health. Rose-growing, thanks to these authorities, is being simplified, so that no garden can have a legitimate excuse for lacking Roses.

Intelligent work is also being done on the Iris, the Poony, the Dahlia and the gladolius. To support these special flower associations should be the pleasure of every garden lover.

A PROPOS of Roses we read recently, in C. Fox Smith's "Sailor Town Days", the story of the Liverpool sea captain, whose beat was usually the wide reaches of the Pacific.

"He grew Roses far away in his Liverpool home—one could see it, somehow, in the mind's eye that trim, red-brick villa in the Liverpool suburb. It was a grand soil for Roses. They grew splendidly—splendidly. They were the envy of the neighborhood. But—well, somehow, it was a funny thing, he had never had the luck to be at home when they were in bloom. It was funny, when you came to think of it—wasn't it?—but that was how it always happened. One year it was Christmas, with a foot of snow on the ground; another, it was spring, and the buds just showing, another, and it was autumn, with only a few shrivelled relics remaining to speak of the brief glory that had passed with summer. He had never seen them, but he believed they were a show when they were fully out. His wife assured him that people stopped going along the street to stare at them and smell them. Well, well, next year—next year, perhaps ... but next year brought the War."

EACH of the four architects whom House and Garden chose to design the Four Smaller Ideal Houses in this issue halls from a different section of the country. Richard H. Dana, Jr. is located in New York, Edmund B. Gilchrist in Philadelphia, Howell & Thomas in Cleveland and Johnson, Kaufmann & Coote in Los Angeles.

Incidentally Mr. Gilchrist was recently awarded the gold medal of the American Institute for his recent architectural achievements. The rendering of these house designs was done by Schell Lewis of Charles A. Platt's offices.
MEETING ARCHITECTURE THROUGH THE GARDEN GATE

This arched entrance occurs in the typically California house designed for the Ideal Smaller Homes series by Johnson, Kaufmann & Coate, architects. It leads into a garden court of which two sides are fronted by the house and two by a stuccoed wall. Further drawings are shown on pages 52 and 53.
FOUR IDEAL SMALLER HOMES

From Architects in New York, Pennsylvania, Ohio and California, House & Garden
Presents a Distinguished Group of Especially Designed Moderately Small Houses

THE moderately small house has been architecture's stepchild. It has generally been built either with the expanded design of the very small house and clad in the clothes of the large one, or with the reduced designs of the large house and “dressed” in the manner of its less roomy relative. It has so rarely existed as a house in its own right, with a definite personality and with problems of arrangement and treatment different from every other kind, that when the prospective homeowner has thought about the building of a house to cost somewhere between (say) $20,000 and $30,000, he has hardly known whether to consider a large small house or a small large one. So, partly, this series has been planned to relieve such a perplexity.

The four houses shown on the following eight pages are distinctly houses of the moderately small type, and in every detail they have been designed as such. But they are much more than that, for they represent the best manners of design and the best methods of construction possible to obtain.

Among them may be found the skillful solving of practically every problem which is likely to arise in the planning of the moderately small house. They offer a fine variety of architectural styles without once falling into stereotyped patterns, and they achieve distinction in each style without resorting to trickiness or outstripping the picturesque effects which characterize what has been aptly called “movie” architecture.

Four architects, in different parts of the country, were chosen by HOUSE & GARDEN to prepare these designs especially for this series. All were architects whose work we consider typical of the best that is being done in the way of moderate-size houses in their several localities. They are Richard H. Dana, jr., of New York City; Edmund B. Gilchrist, of Philadelphia; Howell & Thomas, of Cleveland, and Johnson, Kaufmann & 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 $20,000.

No mention was made of styles. We felt that by giving each architect perfect liberty in this respect he would be able to proceed without any hampering influences and be able to produce something with which he was entirely in sympathy. It was to be expected that each architect would do a house that represented more or less the requirements of his particular region as well as his own taste. These being different in each case, four completely different designs resulted.

In the June HOUSE & GARDEN we described the four typical sites, one of which was given to each architect on which to plan his house. The plots, like the houses, are moderately small, being seventy-five by one-hundred-and-fifty feet. Such a space is not only the average suburban lot size but it represents the probable area which would be developed intensively around a moderately small house regardless of the size of the property. By making one site slope away from the front, one towards the front, and two perfectly level, and then by giving each one a different orientation: one facing north, one south, one west, and the other east, we were able to offer for solution all the problems which could possibly come up in planning and grading. With each of the houses on the following pages is shown the bare plot for which it was designed.

The principal purpose of this series, in addition to presenting four beautifully designed and skillfully planned houses, is to follow their development in every detail.
The garden side of Mr. Dana’s house is splendidly balanced and finely composed. It repeats, with slight variations in the window treatment, the general effect of the entrance façade. Wing walls, shown in the side elevation at the left, separate the long paved terrace from the drying yard at one end and the cold frames at the other.

The first floor plan at the left and the second floor plan below show an arrangement of rooms which, for utilization of space and convenience, could hardly be excelled. The handling of the service section is especially noteworthy, but, for that matter, so is every part of the house, from living room to closets.
The simplicity and composure of this rather French house, as shown in the perspective sketch above, are among its most attractive features. It achieves an almost perfect symmetry.

In describing his own house, which is the best way by which it could be described, Mr. Dana says: "Privacy is the keynote of all French houses. The usual gravel forecourt surrounded with a high stone wall would not, of course, be tolerated in the typical American suburb. I have therefore substituted the usual American lawn with low clipped hedge along the sidewalk and property lines.

I have run the house with its long way parallel to the street, so that the house will screen the private garden on the south from the street on the north. Also, the long side of the house faces the south and garden, and all the rooms face either the street or garden, and not the neighbor's houses or service yards.

The plot for this house is perfectly level and faces north. Thus there is no particularly difficult grading or planning problem: simply one of providing an interesting setting.

I have entirely eliminated side yards, as these come in too close contact with the neighbors' service doors and consequently have no privacy at all.

The south terrace makes a warm sheltered place in which to sit and walk in winter, late fall and early spring, as it is protected by the house from the cold north winds. It is well paved so that one can go out there even in muddy weather. In summer, shade can be obtained from the trees along the rear property lines and also by means of awnings and table umbrellas. Also, in the summer the sun gets round to the north side of the house late in the afternoon, so that the south terrace would be shaded by the house itself after five o'clock, and,

(Continued on page 118)
Mr. Gilchrist's house has a Georgian flavor, faint but fresh. It shows the influence more of an interesting personality than of any particular architectural style.

The most striking exterior feature of Mr. Gilchrist's house is the bow window running through two stories. In it is set the entrance door. Its surface from top to bottom is covered, where it is not glazed, with lead-coated copper sheeting. The lead coating has a smoothly rough texture and quickly takes on a mellow, weathered gray which is extraordinarily beautiful. Like the dormers elsewhere on the house this bow window rises above the line of the eaves and carries an almost flat roof back from its delicate cornice. The ornamental wrought iron scroll set above the cornice on the center of the bow window, as well as on most of the dormers, gives another graceful touch to this finely designed detail. The steep hipped roofs, and the chimneys with their splendid lines, further emphasize the marked individuality of the house.

In the accompanying drawings the house is shown built of brick, but it is a characteristic quality of its design that it would be susceptible to almost any material—weatherboard, stucco, or stone. Many houses—and perfectly justly—rest for their success almost entirely upon the rightness of their materials; they could not easily be imagined clothed in any other thing than that in which they were originally designed. This house depends particularly upon its lines and its graceful masses. With what they are covered is only a matter of intelligent adaptation.

The house is T-shaped in plan, and the

(Continued on page 120)
The beauty of this house extends well above the eaves which are nicely broken by the decoratively mounted dormers. The steep roof lines are graceful and spirited and the chimneys pleasantly emphatic. The terrace, with its wrought iron rail, breaks the change in grade from the first floor level to that of the garden on the slope below.

The cross part on both of these T-shaped floor plans is largely given over to the service. One end of the living room, large for a house of this size, is used as a dining room. The entrance from the hall into the living room is effectively made down a short flight. At one side of the hall is a study which may be otherwise used as a place for children's outdoor toys.
The garden elevation above and the east side elevation below it carry out with fine consistency the particular English cottage style which finds its best adaptation in this country in houses of stone and stucco. The straightforward design of the Howell & Thomas house, its restraint, and its irregular loveliness, give it great distinction.

The W-shaped first floor plan on the left hand side of the page shows an extremely interesting room arrangement made possible by this clever designing: a living room with light on four sides, a well connected garage, and, upstairs, large, light bedrooms, and many closets conveniently placed.
Stone, stucco and timber are the materials of this gracefully gabled house whose English air is emphasized by the use of diamond-pane casements and sturdy beams at the entrance.

ONE of the finest qualities in the architecture of this house is the mellowness it is able to achieve through the use of varied materials. Its lines, both in plan and elevation, have a pleasing lack of rigidity; its gables and corners falling from every angle into delightful compositions. That part of the first story wall which surrounds the living room wing is built up of whatever native stone the localitv happens to afford. Elsewhere the walls are of stucco over either tile or frame. These stuccoed surfaces are broken by two stone chimneys and by beams of weather stained timbers that enter actually into the structure of the building. The stucco is a warm tan, just off white, to harmonize with the color of the masonry. The roof might be laid in slates, flat tiles or colored shingles.

Perfect regularity and symmetry must necessarily be avoided in a house of this type. Its charm lies in other directions. But what there must be, and what most certainly exist here, are splendid proportions among the various parts and a fine balance in the arrangement of windows and doorways. Each face of the house is a nicely studied composition, and this is not merely superficial; for the windows and doors are also placed where they are in order to fit the interior arrangement.

In studying the floor plans it must be remembered that the garden side of the house faces north. From that direction there is but seldom any direct sunlight, so

(Continued on page 118)
All the charm to be found in the smaller Spanish and Italian houses has been put into this one, with its white plaster walls and its red roof of rough, hand-made Mission tiles.

For the Coast or the South it would be difficult to find a house more suited than this one to such a situation. At the same time it has features of design and plan which might with perfect ease and safety be adapted to houses of Italian or Spanish small-house architecture in the North. In fact, several months ago in House & Garden a house designed in very much the same manner by these same architects was shown settled successfully in the uncompromising climate of Chicago.

This house lies lengthwise on its forward sloping lot, hugs the ground and follows its rising levels. The exterior is plastered in smooth white plaster with soft edges at the corners and openings. Instead of using a straight-edge in truing up the surfaces of the walls a texture, as of old work, is given them with the trowel. The roof is laid with hand-made, mission-type, red tiles, set quite at random both as to horizontal and vertical lines and with a very uneven line along the eaves. This effect is obtained by using many broken tiles and by doubling up the layers here and there, all of which produces a very interesting shadow upon the white plaster wall below.

Most of the architectural interest is concentrated here about the patio which becomes, in effect, an outdoor living room. A balcony on the second floor level runs along one side and steps descend into the patio through an intermediate terrace. The patio itself lies on a level halfway between the first floor which lies beyond towards the rear.

A HOUSE OF SUNNY ARCHITECTURE

JOHNSON, KAUFMANN & COATE

Architects

In this case the lot slopes upward from the street front, so that inside one finds the living room at a lower level than that of the first floor which lies beyond towards the rear.

(Continued on page 120)
This house by Johnson, Kaufmann & Coate, architects, with its unmistakable origin, its soft lines and simple surfaces, lies lengthwise on its lot, so that from the south side elevation immediately above one gets the impression of considerable size, whereas the rear elevation at the top of the page shows that the house is really quite small.

There is no use envying the things which go with the loose, recumbent houses of the Coast; they belong—balconies and outside stairways and all—to that balmy climate, and such plans as these, which allow one’s living so close to outdoors, would need some slight revision for a place elsewhere, though they are crowded with clever suggestions as they stand.
THE NEED FOR SUBURBAN ZONING

A Statement of a Problem Faced by Every Citizen Who Looks to the Future of His Home

J. HORACE McFARLAND

GOING to business every work day I pass a sightly pair of stone houses, recently completed. The owner and builder lives in one, and the other is for sale, as it has been for months, at a moderate price, in a city suffering from house shortage.

Why is not the house easily sold? The answer is in the fact that it was located so as to provide an increasing amount of commercial noise and distraction for its inhabitants, with the virtual certainty that it will be industrially and disagreeably surrounded before long. The builder simply forgot to consider this, and there was no zone suggestion to warn him. He will have his inevitable loss for his thoughtlessness.

My own home is safe. It is in a "highly restricted" locality, and the deed by which I hold it provides that I may not fence it in, erect any buildings close enough to my lines to bother my neighbor or interfere with the beauty of the street. I am forbidden to start a business on the premises, to so burn fuel as to emit black smoke, to erect billboards, or to do anything else to make the neighborhood unpleasant. I have no liberty at all, if liberty means license to do to others what I would not want done to myself.

But the time may come when these deed restrictions do real harm to my successors in ownership. I have seen it work just that way, and once wise restrictions prove a serious social and personal disadvantage.

I would rather have my home property, therefore, in a zoned district, even though it is and ought to remain a suburban residence neighborhood.

ALL too many property owners know of and believe in zoning for the city, so that by skilled study of business and population trends, both commerce and living may be advantaged and values conserved, but they think zoning superfluous for communities that are predominantly residential in character.

If I had a magic carpet, or if aeroplanes were as easy and safe as are automobiles, I would like well to show such persons what has happened and is happening in unzoned suburban residential communities.

It is altogether and definitely true that I am my brother's keeper, especially in democratic America. So, if the brother who is my garden laborer or my chauffeur, or my sister who pushes the mop or cooks the food, lives unpleasantly, unsanitarily, socially unsafe, I always pay. If there is zoning, and if by zoning certain particularly nasty suburban slums are prevented (and there are now such nasty suburban slums all over America), I am keeping my brother decently and not indefinitely; I am avoiding the exposure to danger, disease and wrong of those of my own household who must have outside contacts.

WELL-ENGINEERED zoning restrains wrong placing, wrong using and wrong quality in homes as well as in light and heavy industry and in business and professional neighborhoods. Coupled with wisely Christian building codes, it enforces the provision of light and fresh air enough for each human being in a community.

Not many suburban communities are in love with the billboard form of aggression and selfishness. Zoning keeps them out of residential districts. The public garage is necessary, but not where it can ruin the peace and quiet of a summer night for the nearby folks who are trying to sleep. Zoning prevents their injurious proximity, and places them where they will be of most service and least annoyance.

There is a craze in America for the cliff-dwellings we call apartment houses. Without zoning, any suburban town may have a value-depressing structure of the sort anywhere, to its permanent disadvantage.

THE adoption of zoning laws is becoming more and more a subject of vital interest both to the local and federal governments and to the citizens of towns and cities.

In a report made recently by the Department of Commerce it was stated that in September, 1921 only 48 cities and towns, with less than 11,000,000 inhabitants, had adopted zoning ordinances. By the end of 1923, a little more than two years later, zoning was in effect in 211 municipalities, with more than 22,000,000 inhabitants, and new ones are being added to the list each month.

Is your town or city among those enjoying the protection of a zoning law?
STRENGTH AND INGENUITY

Log cabins are enjoying a vogue. In forest camps and on country estates they seem equally at home. And the building of them, when the builder has an appreciation of rough timber, offers unique opportunities for the exercise of strength and ingenuity, virtues found in this door. The cabin, to be shown in some later issue, is on the estate of Byron B. Stoaton, Barnes, Pa. and was designed by Carl Gildersleeve.
THE BRILLIANT GAIETY OF AZALEAS
This Family of Flowering Shrubs, Not Adequately Appreciated
Here, Give the Garden Rich Color for Ten Weeks
E. H. WILSON, V. M. H.

HARDY Azaleas are the gayest of shrubs. The flowers of no other group present such a range of brilliant colors—white, pink, yellow, orange, salmon to flaming red and scarlet in tones of great purity and vividness. Many species are delightfully fragrant and all are abundantly floriferous.

The first to flower is Azalea mucronulata which opens its blossoms in April at the flush of early spring, the last is A. coccina blooming in July. In height they average from five to eight feet but with age may grow ten or fifteen feet tall; all are of shapely habit, branching freely and are usually broader than they are high. Some like A. Viscoi are partial to moist places, others like A. calendulacea flourish on dry banks. But they are all good natured and easily adapt themselves to a variety of situations.

They may be planted in full exposure or under the shade of trees; most of them are ideal when associated with deciduous trees, especially Oaks, either on the fringe of woodlands or in glades. The flowers of A. Kaempferi are apt to bleach in full sun and this sort is seen to best advantage under the overhanging branches of Hemlock or Pine. So far as I know none of the really hardy species are subject to disease of any kind nor are they attacked by insect pests. They demand, however, a lime-free soil.

Plants so rich in virtues one would expect to find freely and generally grown in American gardens, but this is far from being the actual state of affairs. Garden-lovers in this country do not seem to be properly aware of the hardiness and beauty of Azaleas, otherwise they could not be so diffident in regard to them. It is the reverse in Europe where Hardy Azaleas have been enthusiastically cultivated for a century and a half and where by hybridization races of wondrous colored sorts have been raised. When Americans awaken to the value of their native Azaleas they will not be one whit behind other people in appreciation of their merit of garden beauty.

My earliest recollection of Hardy Azaleas is of a large oval-shaped bed in a garden enclosed within a Beech hedge. The plants grew thickly together and beneath them flourished Snowdrops, Crocus, Scillas, Grape Hyacinths and other early spring-flowering bulbs. Later the Azaleas—Ghent hybrids and American species—furnished a galaxy of color. The fragrance and beauty of the scene is still vivid in my memory. And this is the right way to plant Azaleas; thickly and in clumps (Continued on page 100)
Of singular elegance and charm is Azalea Vaseyi, with its star-like flowers of the purest pink. It loves a moist soil and is happy near a pond or brook in partial shade.

(Left) The earliest to flower is Azalea mucronulata, which opens its clusters of rose-colored flowers in early April. It desires a dry, stony sheltered site.

(Below) An ideal place to plant Azaleas is on the fringe of a woodland. Here they can be massed fairly close together so that the soil about their surface roots can be kept cool.

Our native Wild Honeysuckle, Azaleamunipora, or Pinxter flower, is found from Massachusetts southward. It is at home in almost any situation. Its fragrant pink blossoms make it very desirable for garden planting.

The most northern of native Azaleas is A. rosea, a broad, irregularly-branching shrub with fragrant pink flowers appearing before the leaves. It is closely allied to A. canescens, a variety found in the South.
Along with the newest printed cottons from the French studio of Paul Poiret runs the tendency to hark back and revive the "prints" familiar to our great-grandmothers. The cheap calico, that used to serve for the cook's kitchen apron, today may hang the small windows of a cottage breakfast room; while a costly English hand-printed rep may be the all-year slip cover for a fireside chair in the town house. Woven cotton fabrics are given colored surface designs by machine-printing with engraved rollers, by hand-printing from hand-cut wooden blocks, by hand-stenciling and by hand-painting which is sub-fast and sun-fast. These figured cottons cover every type of design. Stiri is the common term for backgrounds showing broken or continuous thread lines of different shades, as noted under silk fabrics. Strictly speaking stiri indicates a straight lined ground effect, while japé-streched, should be used for the broken lines in a streaked ground.

Cotton fabrics, less absorbent than linen, hold a brilliant and lively color design on their surface. They are preferred to linens for new-art effects. They cost less than linen and may be hung without binding or weighting, as the ends do not curl. They wrinkle less than plain woven linen in slip covers but do not shed dust as well. Window hangings are a better sun-fast, but a wider color range is useful for upholstery and portières. Chintzes have a bedroom and nursery quality. Cretonnes may be used anywhere at all seasons. Sun-fast chintzes and cretonnes on a light ground, for summer use in the North, are preferred in the South for all the year. Dark colored or heavy fabrics—terry, corduroy and velvet are the northern winter preferences. Bold designs in brilliant colors—orange, henna, green and purple spread over America's winter play grounds from California to Florida.

Art Ticking or Furniture Ticking, light or heavy weight, is printed in stripes with small floral motifs, for upholstery, loose cushions, mattresses, ham-mocks and porch use.

Basket Cloth in fine weave, or heavy monk's cloth, which takes bold outstanding designs for large hangings, is appropriate for rough plastered walls, country clubs, hotels and commercial use. Replaces rush bottoms in old chairs. Handsomely printed on both sides for portières.

Burlap. An effective rough ground for stenciling, painting or printing.

Batik on fine twills imitates prints from Java, shaded colorings and primitive designs; now in vogue.

Calico. A cheap print, originally from Calicut, India; white or colored ground for cottage draperies and cushions.

Cambric. Also called percale, fine close plain weave, printed in chintz or other designs; French, English, or American, white or colored ground. Imported plain colors are printed, unglazed, glazed and semi-glazed, narrow or wide. Glazed cambric, in constantly growing use, is side, box or accordion pleated for hangings and lamp shades; semi-glazed is gathered. New American glazed cambric holds glaze for several washings. Glazing heightens colors like varnishing a painting, and removes poor cotton look in window shades, case curtains and over-drapery. Much used by decorators for slip-covers, loose cushions, bed and extra-table hangings and accessories, screens, shoe boxes, etc. Unglazed cambric prints for window hangings must be lined to avoid the splotchy look of light through them, spoiling the design.

Chintz. From the Hindi chint and chitra, meaning spotted, is the name of a design not a fabric. Chintz designs are spotted, either closely or widely spaced. Suitable for bedroom and nursery, or for the summer cottage living room. East India chintzes were originally hand blocked on thin, closely woven, cloths of wool or cotton cambric. The cotton cloth is widely chintz cloth and decorators and merchants often sell any pattern printed on such cloth as chintz. Even plain colored cambrics if glazed are frequently called "plain glazed chintz", which is a contradiction in terms equal to saying a "plain figured design".

Corduroy. Ribbed velvet or pile weave. French and other designers use it for hand-blocked upholstery and drapery. Cotton Mohair imitates real mohair; floral prints; hangs well and wears well for slip covers.

Crash carries many art nouveau designs, printed, stenciled or painted.

Crepe. A wrinkled weave used for cheap prints and stencilling; for hangings and bed spreads.

Cretonne. Originally a hand print made in the old French town of Creton in Normandy, on wool and linen and later on cotton. Cretonne now names all machine prints including chintz designs. The fabrics may be light or heavy weight, close or loosely woven, plain, striped or figured damask. Armure or "cotton taffeta" in small overshot patterns, striped, latticed, lozenge or dotted, gives a depth and body to inexpensive cotton taffeta cretonne. Heavy twills in bold designs are effective in large rooms. The fuzzy surface on some French and American fabrics gives a depth of coloring approaching printed velvets. Fuzzy backed fabrics—swan's-down, for slip covers protects polished furniture. One American firm issued 132 new cretonne designs in April. Denim. A heavy fancy weave effectively printed for upholstery and bungalow hangings.

Hand-Blocked Hand Prints. Made by hand, more expensive than machine prints; much used by decorators and artists.

Handwoven, Handloom, Home spun. Strictly hand weaves, usually loose, light or heavy weight, imitated by machine; an effective ground for prints; gives depth of color; for upholstery and hangings especially suitable for Early English, Spanish, Italian and Colonial furnishings.

Linens Imitations in cotton take a sharper fold than the ordinary round or stringy cotton fold; used for new-art effects.

Marquisettes or Nets have designs in charming new colorings for curtains. The open weave does away with the poor cotton look.

Mull called Silkoline. Thin, soft comforter covering; drapery.

Prints. Hand blocked cottons are usually called prints by decorators; domestic—American, imported—English, French, East Indian, Japanese.

Painted and Stenciled Cottons. Every type of fabric is now hand-painted or stenciled in classic, oriental, English, Colonial or lively French designs for window shades, case curtains, over-drapery, valances, hangings for doors, dressing tables and beds; upholstery, cushions, slip covers, shoe boxes and lamp shades. Rare East Indian painted hangings are used for bed spreads.

Rep. Woven across or lengthwise of fabric, fine or heavy. English hand prints may be on heavy lengthwise reps. Ordinary rep weave does away with cottony look at windows; when printed with dark ground, light floral designs give handsome luminous effect as of light through stained glass.

Sateen. Comes in many designs; some small chintz, and nursery or story book designs. Increasingly used for hangings.

Shadow Print or Warp Print. The design is printed on the warp threads before weaving, giving an undefined misty design to the pattern. Light shows through it (Continued on page 88)
This corner of a garden near Gloucester, Mass., is called "The Steps of the Laughing Lion". The treads are edged with apricot annual Phlox in terra cotta flower pots, a use characteristic of Italian gardens, and the same Phlox is massed in the corner of the stairs.
May in this border brings the Darwin Tulips, edged with Royal Blue Forget-me-nots. For a background there is the lattice and the up-springing growth of healthy perennial clumps. Against these the Tulip colors, in all their variations, show to advantage. The Tulips go and in their place Foxgloves, Pyrethrum and Columbines flower. June brings Delphiniums, Larkspur, Canterbury Bells and Sweet William. July claims Hollyhocks and Phlox and the autumn gaily colored Asters, Dahlias, Zinnias and Marigolds.

TWO SEASONS IN A WESTERN GARDEN

The Garden of Mrs. William P. Lord at Salem, Oregon
There is a semblance to Sicily in this garden terrace of a house near Gloucester, Mass. The house and cement terrace wall are a soft, yellowish pink. This terrace commands the sea view. Its comfortable curved seat is inviting.

From the terrace shown above you step down to a lower level where coral-colored Phlox is massed in the border below. Through the tangle of foliage and twisted branches you see the broad and shimmering reaches of the sea.

Through this latticed and willow-shaded tunnel one passes up the steps to another part of the garden. The lattice is painted blue, the blue of the Hydrangeas blooming in tubs at the foot of the stairs and on the wall.
THE RUGS OF KHORASSEN AND MESHED

With Its Glowing Color and Deep Pile a Khorassen Gives Warmth and Comfort to the Hall or Library

A.T. WOLFE

The great province of Khorassen is the most easterly and, next to Irak-Ajemi, the largest division of Persia. The name signifies "eastward" in the ancient Persian, and it is still called Land of the Sun. It was one of the earliest centers of rug-weaving in the East, and one of the last to be touched by European influence. Eastern culture and Eastern faith—so inseparably interwoven with the rugs—had a stronghold in Khorassen, which held out for long against the works and ways of the infidel.

Nishapur, where Omar Khayyam was born and buried, was a former capital of the province and a center of learning and culture. Meshed, the present capital, was once a city almost entirely given over to religion; thither devout Mussulmen of the Shiite sect made their pilgrimage just as the Sunnite sect made their journey to Mecca; rugs and carpets were left as offerings at the
gilded or blue-domed shrine of Imán Ráza, and the weavers flourished and prospered exceedingly.

Apart from its mainspring of culture and religion, Khorassen is extremely well placed for the trade. It lies on the chief caravan route between Teheren and China; Meshed, the capital, is at the very center of Asia, a point of convergence for the roads which now radiate from it in all directions—through Afghanistan and Turkestan to India and China, and all over Persia. By degrees Meshed has been turned from a Holy City to one of the best known markets in the East.

Although the district of Khorassen has been weaving rugs for centuries, antiques are scarce. Few that reach Europe and America are more than sixty years old; the majority, forty or fifty. In design, weave, and general character the modern follow the old very closely. The beautiful old vegetable dyes here have yielded but slowly to the cheapness and convenience of anilines, and still, to some extent, persist, though some of the secrets have been lost or hidden too well for us to find. Where, for example, is the matchless Persian blue of ancient days? However, generally speaking, the dyes of Khorassen are honest and good.

In pattern, weave, and color there are certain outstanding features by which

(Continued on page 90)
For tall narrow windows that require a color or decorative note one may use a basket box, which is made of woven wire and holds a tin container for the soil.

This type of window box has two compartments—the front, containing soil, and the rear which will hold water. Into the rear may be placed cut flowers in summer and laurel in winter. The box would be made of stamped tin.

A really ornate window box could be made of wrought iron in a Directoire design, the middle section holding a tin container of soil. It may be painted black and gilded. The fixtures would be permanent.

Low painted tile jardinieres filled with cactus or flowers would be suitable for the city house window sill in summer. In winter they can be taken indoors for decorations.

The window box may be made colorful by facing it with Chinese or blue Delft tiles. And it may be supported by a simple brace of the design suggested above; in fact, a permanent sill of this type would be quite decorative.
HUNTING ANTIQUES IN FRANCE

A Guide to Those Who Want to Acquire Veritable Antiques and Avoid the Pitfall of the Faker

FRANCES WILSON HUARD

It would seem to me that the surest means of acquiring authentic pieces of antique furniture would be to purchase them from some well-known established firm whose reputation and integrity are unquestioned. Yet in spite of the fact that any number of such exist in France today, antique hunting has long been and probably will continue to be, for some time to come, the favorite sport of those who for various reasons can practice no other.

The hopes it engenders, the trails to be followed up, all the rules of the game by which one must abide to culminate in the ecstatic joy of the “find”, or the desperate despair of defeat, make this quest far more exciting than any other form of the chase. And I am still wondering why some clever writer has not embodied this theme in a serial, which would certainly be more thrilling than any detective story or any romance of adventure ever published.

For twenty years past I have been an impassioned hunter, and it would be most stupid to pretend never to have been pricked by the thorns on the wayside, nor to have slipped into unexpected pitfalls. In fact I am willing to acknowledge quite frankly, having walked deliberately into traps baited and set for me. And should I be tempted to brag of my luck in securing certain coveted pieces, I would instantly be squelched by the remembrance of all those I have struggled for and missed.

It is therefore somewhat as a veteran that I take pen in hand to lay before you some of the “do’s” and “don’ts” of the game, which experience has brought home to me most forcibly.

First of all one must be resolved to pay for things the price they are worth. (So much the better if one can get them for less.) But to do this one must have some idea of what that worth is.

In France the provincial dealer who sells to his Parisian confrère, does so at a lower price than the latter can ever hope to offer his goods. This stands to reason because the “overhead” expenses and the capital entailed are naturally far less in the smaller cities than in Paris itself. Yet you may be certain that the best pieces are first offered to the provincial dealer’s faithful customers.

Whole books might be written on the word “clientèle”, which is a matter of great importance in France, and in this particular branch of the trade almost paramount. For rare is the Frenchman devoid of the collector’s mania, and the recent high prices paid for certain bits of fine pottery, rare first editions, color engravings and marquetry furniture, all go to bear out my statement about their appreciation of the beautiful.

To aid the novice with a taste for good things yet lacking in experience I might suggest the perusal of the “Gazette de l’Hôtel Drouot,” a tri-weekly publication devoted to announcing and recording the principal auction sales in Paris and the provinces. (It might be well to mention the fact that the Hôtel Drouot is to Paris what Christie’s is to London; i.e., the auction rooms for art objects in general and private collections in particular, the only difference being that at Christie’s one takes his chance on a purchase, while in Paris the Corporation of Auctioneers who allow the object to be put up for sale as an antique, guarantee its authenticity and stand willing to refund the money should their judgment prove faulty.)

It is here that the prices are established, for collector and dealer alike are daily to be found seated on the hard benches of these great auction rooms, anxiously awaiting the opportunity to obtain some rare piece.

In the case of interesting private collections illustrated catalogues are published and gratuitously distributed to dealers and habitual purchasers at the Hôtel Drouot. These catalogues, when priced, as well as the back numbers of the Gazette, are the most precious indicators of the actual worth of any object d’art. For thanks to them one can trace certain pieces through half, even three quarters of a century of possession and compare their increasing worth each time they come upon the market. The fact of having been catalogued in certain conspicuous collections unquestionably gives value to an object and must be noted in its pedigree. Therefore to become a real connoisseur not only requires discernment in one’s choice but years of comparative study and no small amount of delving into the volumes in the “Bibliothèque Nationale”, if one is not lucky enough to possess a collection of catalogues of one’s own.

WHAT I have just said applies, of course, only to objects of a certain intrinsic value. For the casual collector a glance at the Gazette de l’Hôtel Drouot will suffice to obtain an idea of prices for current articles, though it should not be forgotten that to the published prices must be added a twelve or seventeen-and-a-half per cent government tax which one is obliged to remit before any object can be removed from the auction rooms.

Bearing these things in mind it were well then to beware of the Gothic chest our board stumbled upon by accident in an out-of-the-way shed belonging to some provincial hotel. I know a certain region where, in season, these articles are changed two or three times a month.

Fight shy of the pure Louis XVI commodes or delightful Louis XV secretaries which are to be seen in the back room of some humble tobacco shop where the tourist must fatally arrive in order to purchase postage stamps or post cards. They are put there with intention. So much the worse for you if you are tempted.

There is a certain watering place in Brittany where the butcher, the baker, the candle-stick maker join to the honest profits of their trade a side issue of the above mentioned sort which is by no means to be disdained.

When astonished at finding so many treasures in such dingy surroundings, and one asks questions as to how they came there it is not unlikely that the reply be something as follows: “Oh, all these things come from the Chateau de X… (naming some local castle). It and all it contained was sold some fifty years ago for a mere song. All our grandfathers bought up the things for their personal use. That’s why there are so many in the neighborhood. Why the place was just overflowing with furniture. The sale lasted six months.”

ANOTHER person against whom it were well to be on guard is the apparently insignificant dealer who laments the fact that he has so little to offer.

“Good things are hard to find”, he means. “People don’t seem to want to sell. There’s a house though in the neighborhood that’s just filled with antiques. The owners won’t have anything to do with the dealers. I happen to know from their servant that they need money terribly. They haven’t been able to float another mortgage on their property.”

By this time you are all attention. Your heart is beginning to beat faster. Your hopes have risen to fever height. “Ah,” continues your tempter, “All the little tables, all the bergères that you cover, Madame, are closed up in that drawing room. But there is nothing to be done with such people. I believe they would rather starve than sell their heirlooms.”

Your desire for conquest is now at white heat. You are about to put a question but before you have time the dealer forestalls you.

“Oh yes, you might go up and ring the bell. Ask to visit the chateau. It’s a delightful promenade and the building itself is very interesting even from the outside. (Continued on page 86)
A LITTLE PORTFOLIO OF GOOD INTERIORS

Very simple and dignified is this living room in a mountain house outside of Denver, Colo., the home of Miss Emily Keene. Merrill and Burnham Hoyt were the architects.

The Portfolio this month is devoted to interiors notable for their livable, unpretentious furnishings. Above is dining room in the summer home of Ellen Shipman, at Cornish, N. H.
The two photographs on this page are also of the Cornish home of Mrs. Shapman, the landscape architect. The charmingly unpretentious living room above is given distinction by its friendly wall paper, interesting old furniture and colorful hooked rugs.

One of the most interesting features of the house is the paneling in the wide entrance hall. This is made of old pane doors which have been painted a mellow, old white. In contrast to this is the ceiling, smoked to a brownish gray tone.
The two photographs on this page are of the dining room in the summer home of Maxfield Parrish, also at Cornish, N. H. This was originally the living and dining room in the small house that has now grown far beyond its former dimensions.

Mr. Parrish did all the paneling in this room himself. The woodwork is painted a deep, dull red which makes a wonderful background for the fine collection of old pewter so effectively arranged on the mantel and around the shelves on the wall.
THE SIMPLEST KIND OF GARDEN

Long or Short, Wide or Narrow, The Flower-Bordered Path is the Easiest Kind to Make and Care For

ELSA REHMANN

The simplest kind of garden is a flower-bordered path. Its simplicity lies in the singleness of its purpose and in the directness and definiteness of its composition. Despite the elemental character of its design, however, it can reach sublime perfection in proportion; despite its straightforward sincerity, it can be elaborated with exquisite detail; despite all its limitations, it can be wrought into a wonderful completeness.

Try to visualize a typical example. It seems so easy, doesn't it? Just a flower-bordered path,—and yet you become ensnared straight-way in the tangle of its infinite variety. There is a path, I remember, that wanders through a woodland, finding its delight in Primroses and Violas, in Forget-me-nots and Anchusa myosotidiflora, in Columbines and Mertensias. There is another path I know, carved in the slope of the hill where beneath a wall, overhung with a wealth of intermingled Rose climbers and Buddleias with their soft summer bloom, there are narrow borders filled with Polyantha Roses. There is a third path beneath the sunflickered tunnel of a long grape arbor where Japanese Anemones find a welcome haunt. There is a path that climbs its wonderful way up and up, flight upon flight between Hemlocks and Cedars edged as it is with all sorts of tumbling plants. And, finally, there is a path in an orchard where fascinating medleys of spring flowers spread out beneath blossoming fruit trees.

There are paths that find their greatest pleasure in directness. Straight as an arrow, they become impersonations of that familiar axiom, a line that is the shortest distance between two points. And then, there are paths that, moulding themselves to contours and fitting themselves to circumstance, wind their ways graciously like languid streams. Some paths fit on level ground and others like to wind up a hillside. Some are brilliant and sunny, others like the deep shade and half shade of woody places. Some are so narrow that we find ourselves in constant peril of treading upon the flower edges while others are so generously wide as to allow two people to stroll leisurely along with a dog by their side. Some paths have borders that are unfortunately narrow and cramped, while others have borders that seem as if they could not be wide enough to fit their place.

The width of the walk depends partly upon the material used, but mainly upon circumstance. Few realize, however, that the width of a path can determine not only the amount of physical comfort but the degree of sensitory pleasure there is in walking through a garden. A walk of two or three feet is too narrow, one of seven or eight feet usually too wide except in large places or for grand effects, while one of four or five, even six feet is usually in proper proportion and comfortable.

The width of the borders, too, depends upon circumstance. I have found, however, that five foot borders are usually too reserved and unmindful of flower habits. They may be very nice upon a plan but in actuality they not only put strict limitations upon the flower selection but give the garden a cramped and stingy look. I never feel free to use any tall or free spreading flowers in them, no Hollyhocks nor Helianthus, no Dahlias nor perennial Asters, for instance. Eight or ten foot borders are much happier in looks, are usually sufficient and possible from a working point of view. I have found that even in a rather small garden where the path is but thirty or forty feet long, ten foot borders accommodate themselves quite nicely. They may look too wide in plan but even a rough cross section will give you the effect that flower heights and background shrubs and hedges have upon the width of the garden. These are all niceties in proportion which must be sensitively felt to be really appreciated.

Sometimes the borders must be self-contained and the flowers carefully distributed for height and color; again these path gardens may give way to all sorts of vagaries. The borders may be now wide, then narrow, the flowers now high, then low, the bloom now abundant, then meagre.

(Continued on page 92)
There is an abundance of low-growing edging plants for which the larger borders may not afford space. To give these a natural home you might create a walk garden in a vacant corner.

(Left) The straight path from the front gate to the house or from the house to the garden is the simplest design. In this scheme perennials and annuals mingle, with flowering shrubs behind.

As the plan to the right is designed for cross-paths, the planting is balanced, with such perennials along the edges of the walks as are valuable both for their foliage and their flowers.
On the top of a New York office building is a tiny house surrounded by a brick paved terrace—the home of Mrs. A. F. Tiffany. Above is a corner of the roof garden with the Metropolitan Life building in the distance.

KEEPING COOL IN A HOUSE ON A ROOF

A green latticed fence and potted plants effectively screen the kitchen and drying yard of this house perched on the roof of a seventeen story building. The house is pink stucco with a blue green trim.

This small stucco house overlooking all New York faces a paved terrace and formal garden with a pool in the middle. It is the home of Miss Cora Clark, H. J. Crookes and H. R. Maier, architects.

The dining table is placed at one end of the long terrace outside Mrs. Tiffany's house. Many potted plants, a gay striped awning and comfortable wicker furniture create a delightfully informal and livable effect.
A side wall group in this same room shows a nice arrangement of a painted Venetian commode and wrought iron flower stands filled with Forsythia. Another note of color is provided by the antique screen in shades of old blue.

COLOR IN
A SMALL
APARTMENT

ROSE CUMMING
Decorator
MAHOGANY! What dreams the
word inspires, of a glorious past, a
wondrous present, an alluring future.

Before your vision comes, first, the stal­
wart Sir Walter Raleigh, beating his stormy
way across trackless oceans to the far shores
of strange lands, that he might gather their
treasures and place them at the feet of his
Queen. Among these treasures were planks
of mahogany to be wrought into exquisite
furniture.

After him comes the elder Chippendale,
who so loved this "Royal Wood" that he
wrote, "My mahogany ribband chairs
which, if I may speak without vanity, are
the best I have ever seen or perhaps ever
made". Hepplewhite and the others pro­
duced Mahogany masterpieces that, while
somewhat influenced by Chippendale, be­
cause of his book "The Gentleman .md
Cabinet-Maker's Director", nevertheless
expressed the maker's individuality and
character certainly and wonderfully.

Then comes Sheraton, almost the last of
the great English furniture masters, who
said, "Other woods formerly used for cabi­
et-work are quite laid by since the intro­
duction of mahogany" and who also said
"Of all woods mahogany is the best suited
to furniture where strength is demanded.
It works up easily, has a beautiful figure
and polishes so well that it is an ornament
to any room in which it may be placed".

Contemporaneous with the work of those
sterling craftsmen of another land, your
mind’s eye sees the exquisite handicraft of
the masters of our own country,—Phyle,
Handley, Savery and others. These, too,
 knew the qualities of mahogany, loved it
because of them and worked almost exclu­sively with it.

Slowly the day-dream shifts to more
personal scenes; the hallowed home of your
childhood, graced by this king of woods;
the later home, where your own taste dic­
tated what manner of furnishings it should
contain; the loveliness of the dining room,
with its scintillating glass and shining sil­
ver reflected in the ruddy surface of your
beloved mahogany table, where friends
gathered to share your hospitality. Truly
mahogany has been your intimate life-long
friend, individual as no other wood is in­
dividual, worthy of your respect and ad­
(Continued on page 116)
AN OUTLINE OF SPANISH FURNITURE

The Recent Popularity of Houses in the Mediterranean Style

Revives Interest in Spanish Furnishings

The lure of Spain goes back to the days of our school books when we read of Spanish buccaneers, who sailed "the Spanish main," and of lost treasure ships; when we dug enthusiastically for buried Spanish treasure in a backyard flower bed or a back lot dump; the boys constructing frightfully conspicuous "concealed shelters" and play-

ing they were Spanish buccaneers. Though we may or may not have journeyed to Spain, our intimate acquaintance with Spain as a site for castle building is pretty general, more so than many an American may care to confess. Such castles are not always Moorish either. Still they may cast a glow (Continued on page 94)
An interesting wall paper with little landscapes in the design makes an effective decoration for a door in a country house hall. The woodwork is painted soft blue to match the background of the paper medallion.

Bits of the red and white toile de Jouy paper in the room at the left have been used to decorate the door.

Here the designs were cut out of gold-colored wall paper, pasted on and then given a coat of shellac.

PAINTED AND DECORATED DOORS
An effective treatment for a door consists of old-fashioned colored prints framed into the panels. The woodwork is painted sapphire blue and decorated with stars. These can be stenciled or cut out of paper.

The panels on either side of a French door are fitted with mirror glass on which is painted a vine-like design in green and gold. The curtains are gold gauze and the roller shades made of glazed chintz.

The graceful urn and classic medallion on the door above are in tones of Wedgwood blue and gold against a background of Georgian green. The doors on these two pages were designed by Chapin, Harper & Dutel.
INSIDE TWO ADOBE HOUSES AT SANTA FE, NEW MEXICO

The living room in the Davey house is on the first floor and the dining room on the second. The corner fireplace is faithful to the Spanish-Indian tradition of the Southwest. The furniture in the room is mostly antique.

La Casa Encantada, home of Gerald Cassidy, another Santa Fe artist, is an adobe house in which have been introduced painted panels and carved beams which originally were part of the decoration of the Pueblo Mission Church, built in 1729.

There is a pleasant uneven line and texture about the interior finish of these adobe houses. Soft tints are introduced into the final coat, making the walls colorful. In the Cassidy dining room is found another corner fireplace.
AN ALL-AMERICAN ROCK GARDEN
How Native Wild Plants Were Used to Create a Memorial Rockery
HERBERT DURAND

At the western terminus of the main street of Millbrook, N. Y., is a twenty acre tract. Four years ago this tract was donated to the Millbrook Garden Club by its owner, Mr. Oakleigh Thorne, to be converted into a memorial park—a tribute to the young men of the vicinity who served in the World War. It is therefore called the Tribute Garden.

In the eastern half of the garden rise three hills. The broad entrance way is through the valley between the north and middle hills. Then comes a valley running north and south through the entire area, with a pool and a running stream at its bottom. From the stream the ground rises in a steep slope to a broad, level plateau, extending to the western boundary. Here are the memorial tablet, the flag pole and a huge cannon. Around the borders of the plateau is a thick planting of Red Maples, one for each soldier; and in the center is a well-equipped, well-maintained and well-patronized playground for the children of Millbrook.

The garden club decided at the outset that the planting material to be used in transforming the area into a garden park should be confined to native American trees, shrubs and herbaceous plants. It was the unanimous opinion that it would be peculiarly fitting and in perfect accord with the spirit of the memorial, to bring together here, for the instruction and delectation of the Millbrook folks and the hosts of summer visitors to their delightful village, a replica, so to speak, of the wonderfully diversified flora of Dutchess County. To this material, as opportunity afforded, were to be added specimens of attractive plants from other sections of the country; but the foundation and backbone was to come from nearby hills and mountains, woods and fields.

In the beginning the task seemed a hopeless one. The twenty acres were wornout pasture land, covered with a scant carpet of thin grass and containing but two trees—a Shagbark Hickory and a Blue Ash. The soil, except in the valley along the little brook, was sandy and almost entirely lacking in humus, or plant nutriment of any kind. Under the hot sun of midsummer, the meager grass quickly shriveled and the general aspect at all times was barren, bleak and unlovely. But, Birnam wood was brought to Dunsinane! Rich loam was hauled in by truck loads, and hundreds of

This planting of white Trilliums spattered at the base of an ancient boulder and with Flame Azalea spreading its color above, has been practically duplicated in the all-American rock garden.

Dutchman’s Breeches, Dicentra cucullaria, likes both sunny and shady pockets.

Quaker Ladies, Houstonia coromandelica, brighten lower slopes in the rockery.

The rarest American wild flower—Oconee Bells, Shortia galacifolia.

The feathery Hay-scented Fern, Dickinsonia, will grow almost anywhere.
Many-flowered Phlox, *P. multiflora*, hails from the far West. It is a gem for the rock garden, growing well in neutral soil and in sun.

Beautiful Oaks, Maples, White Birches, Dogwoods, Tupelos (*Nyssa sylvatica*), Hackberries and other deciduous trees were transplanted from neighboring wilds and comfortably installed in pleasing groups, groves and copses. Inter­spersed among them were Red and White Pines, Hemlocks, Red Cedars and Spruces, while both the erect and prostrate Junipers, which abound in the vicinity, were used for embellishment.

So last year there was sufficient verdure to make it clear to the most casual on­looker that just a few more seasons would bring the forest clad hills and bosky vales of which the founders dreamed. Por there were shade and good soil aplenty in the garden, and all that had been planted was growing lustily.

Two years ago (1922), the tree planting having been largely completed, attention was given to other features. In order to provide congenial homes for all sorts and conditions of indigenous plants, it was necessary to locate and prepare shrubberies, wild flower gardens, a bog garden, a water garden and a rock garden. It is of the latter that this article specifically treats.

The site selected was the north hill on the eastern side of the park, at the right of the entrance—and it was the most unpromising site for any kind of a garden I ever saw, as the accompanying illustration shows. If any one had any idea how this forlorn mound was to be made over into a perfectly lovely rock garden (as they all say now it is) the idea was kept profoundly secret. I studied the topography of that hill for days, without getting beyond the conventional procedure of hauling great boulders from pastures and stone fences, and “planting” them in a chaotic jumble, to provide as many “pockets” as possible and look as natural as such jumbles usually do.

Standing there one afternoon, staring dumbly at a protruding rock, the thought came to me that as the shapeless block of marble contains the sculptor’s masterpiece, so the monotonously un­teresting slope before me might contain the diver­sity of formation and contour I have always felt.

(Continued on page 106)
The name of the house is as English as its architecture—Fryars, West Chilington. Intelligent restoration revealed its beauty. The mellow brickwork of the drip courses and around the windows gives a brighter tone to the somber dignity of the lichen-covered gray stone walls.

In the living room the fine old oak beams of the ceiling are exposed, and floor, doors, and mantelpiece are of oak planks toned dark with age. The original fireplace was brought to light, and a beautiful fireback has been installed.

An iron gate of delicate tracery opens on to stone steps leading up to the flagstone pathway, bordered by old-fashioned flowers. The ivy with which the house was smothered has been removed, revealing the delightful proportions of the weathered building.

AN
OLD SUSSEX
HOUSE
RESTORED
SHOULD an early settler of Manhattan Island come back and gaze on the Woolworth Building, he might very well say: "Gadzooks! What a haul with a water bucket to the top floor!"

But, in our home cleaning, we are still not convinced that the built-in cleaning system will save the haul, or that it is worth the slight expense of installing. Yet, elevator, the built-in plumbing, heating and electric systems and, too, the built-in cleaning systems have made the skyscraper possible.

Because the built-in cleaning system is a great addition to health and happiness, and because we argue that, in ten years no home will be built lacking it, we are going to tell you something of its qualifications.

Cleaning has always been the most unamusing part of housekeeping. It has been worse than that—it has been a hard task, a chore, a sort of domestic curse. Along came electricity, took the load from the housewife's back and gave her the electric suction cleaner, with its sweetly familiar facts, and caused an entirely different feeling to spring up.

There is another cleaning system, if you like to call it that, which, in many ways is the ideal in cleaning—given the appropriate purse, the appropriate home, the very appropriate manufacturer. This system, the built-in cleaning system, is the portable suction cleaner's sire.

For housing this, the home must be piped, and through the pipes connecting each room to the cellar mechanism, the dust flies to the cellar receiving-tank and to the dust drawer. In this built-in cleaning system you have a machine in the cellar equipped with an electric motor, which works a centrifugal suction fan (in some cases the pump principle is used) which makes the air vacuum or air pull. The air is sucked through the pipes, built in the walls. Dust and germs, inhaled by the tool nozzle, go through the flexible hose attached to the piping at the base board, wall or some convenient place, pass through the piping into the cellar tank separator, which sends the dirt into the flue and burns it up, the lighter bits of dust pass into the great outdoors—directly through the chimney or flue.

The dry separator seems better than the wet separator, for with the dry, there is no extra sprayer needed, nor is there any danger of sewer back-ups and other unpleasant "diseases".

The built-in vacuum cleaning system is installed either with exposed or concealed piping, the piping running from the cleaner in the basement to various outlets in different parts of the home or building. The number of outlets depends entirely upon the size of the home or building, it being customary to use a thirty-five or twenty-foot length of vacuum hose in a residence. The length of hose used determines the number of outlets necessary, so as to reach every corner and place and cranny in the home. The number of outlets or sweepers to be used at one time, as well as the length of the longest run of the cleaner piping from the basement, determines the size of the cleaner itself.

For instance, if but one sweeper, i. e., one set of tools is to be used at one time, and the longest run of piping does not exceed 250 feet, the one sweeper type cleaner can be used. If the run of piping does not exceed 100 feet, the one sweeper type cleaner with a small motor can be used. This determines the first cost, or cleaner cost, which, of course, is in addition to the small sum required for the piping or wiring. Usually, for the average home in which the system is installed, the piping and wiring, etc., does not exceed a cost of seventy-five to one hundred dollars and the cleaner itself costs either two hundred and twenty-five dollars or four hundred and fifty dollars.

The cost to operate is easily determined by the horse power of the motors on the cleaners, 746 watts being required to develop one horse power for one hour. If the kilowatt rate is seven cents, the cost to operate a three-quarter horse power motor one hour would be .039 cents. Not so much? Is it?

Other costs that enter in from time to time, over a period of years, are minor replacements of cleaning tools that, after a certain amount of usage will, of course, be worn out, but usually it requires quite hard and frequent use of a set of tools to wear them out in three to five years. The cost of a set of tools, complete, is but twenty-five dollars.

Do you see what this means?

It means, that with the installed cleaner, you no longer handle a dust bag. Not having the dust bag, not a particle of dust sucked into the dust receptacle (down in the cellar) invades the room, the lungs, the nostrils, or whatever is about the place to be cleaned.

With the installed cleaner you get a higher percentage of cleanliness, for no matter how marvelous a dust bag is, the air has to squeeze out through it into the room.

So, then, with no dust bag, you've got no bag to empty. The furnace man can easily empty the dust in the cellar, or you yourself can, once a month.

We are far from condemning the portable, which we use ourselves. The installed cleaner is simply the automobile in comparison to the locomotive. It is the "latest" and the ultimate in cleansing fashions (Continued on page 114)
House & Garden will be glad to purchase the articles shown on these two pages or will send you the names of the shops which carry this merchandise.

Above is a reproduction in pewter of an early American candle sconce. It is 17 inches high, $25.50 a pair.

This charming lamp is painted blue with gold lines. Other colors. The parchment shade has a border to match and Goddey print decoration. $22.50 complete, 15 inches high. Colored French print framed in black, 12 inches square, $13. Green glass flower vase, $5.75.

A pair of colored French prints, 14 inches high and 15 inches wide, are $3 a pair unframed, 8½ by 5½ inches.

Hanging bookshelves 30 inches high and 18 inches wide are $11.50 unpainted, $16.50 painted and $15.50 in walnut, mahogany or maple finish. Colored flower prints, are $8 a pair unframed. 8½ by 5½ inches.

This pewter candle sconce is a copy of an early American design. It is 14 inches high. $25.50 a pair.


For tea on a porch or in a garden comes a colorful pottery tea set with a deep cream background and a flower design in henna, blue and yellow. Tea pot, sugar, cream, six cups and six cake plates, $15.50.

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For tea on a porch or in a garden comes a colorful pottery tea set with a deep cream background and a flower design in henna, blue and yellow. Tea pot, sugar, cream, six cups and six cake plates, $15.50.
Green glass candlesticks with clear glass prisms, $25.50 a pair.

Green glass flower bowls 8 inches high, $3.75 each. Yellow, turquoise, green or multi-colored parrots, $10 a pair, and an unusually lovely flower painting, 24 by 24 inches, $75.50.

A service charge of 25 cents on articles up to $10 and 50 cents on anything costing $10 and over is included in these prices.

Cream colored pottery lamp on a black stand and pleated paper shade with a hand-blocked design, $20.50 complete. 16 inches high.

Walnut table, top 32 by 21 inches, 20 inches high, $36.50. Wedgwood tea set, with black bird decoration, 4 pieces and six cups, $12.50.

Scrap basket above is painted black and gold and decorated with an old print. It may be had in any color, $12.50.

A practical and unusual candle shield is made of thin translucent shell which can be tinted any color. 4 by 4 inches, $2.25.

Small overstuffed chair upholstered in glazed chintz, $35.50. Nest of three walnut tables striped in gold $23, largest 22 inches high.

Unfinished $40.50. Painted any color $55.50.

This decorative and practical telephone cabinet is 15 inches wide, 13 deep and 43 high.

Dana B. Merrill
The Gardener's Calendar for July

This Calendar of the Gardener's labor is designed as a reminder for his season's tasks. Though planned for the Middle States it should fill the whole country for every hundred miles north or south garden operations be retarded or advanced five to seven days.

Sunday

1. There is no cure for blight and it is best to prevent it. Do so by spraying with a mixture of lime and arsenic. This will kill the spores of the disease and prevent it from entering the soil. To be effective it must be applied as soon as the fruits are formed.

2. Practice summer pruning of fruit trees. Prune back the most of the young growth and remove all thin, weak, and inferior branches. This will encourage the production of new, strong, healthy growth.

3. Weeds in the lawn are very annoying. Some can be readily removed. A good method is to have some small, wide-mouthed boxes in the garden. This will make it easy to pick the weed. The boxes will be filled with rich soil and the weeds will grow quickly. The weeds can then be collected and used as mulch.

4. Harvest beans, cucumbers, and squash. These vegetables are at their peak and should be harvested to prevent disease and spoilage.

5. The heat of the season is upon us. Prevent blight and other diseases by keeping the plants well watered and by using a cover over the aubergine and pepper plants. Don't believe the theory that vigorous, green, disease-resistant crops are more desirable. The only reason for using them is to prevent blight.

6. Be very careful with artificial water. Be sure it is clean and free from disease. Never use water that has been left standing for any length of time.

7. Be very careful with the growing of ornamental plants. Be sure the soil is free from disease and that the plants are not overcrowded.

8. Don't allow any new growth to suffer from lack of water. All new growth should be encouraged by the application of a growth-stimulating mixture. This will encourage the production of new, strong, healthy growth.

9. The tubers of potatoes are now ready for harvesting. They should be dug with a hoe and the soil thoroughly worked into the surrounding soil. This will encourage the production of new, strong, healthy growth.

10. Be very careful with the preparation of the garden for winter. Be sure the soil is thoroughly drained and that the plants are well watered.

11. The garden must now be prepared for winter. Be sure the soil is thoroughly drained and that the plants are well watered.

12. Be very careful with the preparation of the garden for winter. Be sure the soil is thoroughly drained and that the plants are well watered.

13. Be very careful with the preparation of the garden for winter. Be sure the soil is thoroughly drained and that the plants are well watered.

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31. Be very careful with the preparation of the garden for winter. Be sure the soil is thoroughly drained and that the plants are well watered.

This month the Calendar gallery contains the portraits of seven well-known specialists in various phases of gardening and horticulture. Botany certainly has no more enthusiastic champion than Mr. Clute, nor one more entertaining; which

is what might be said of Mrs. Wilder and her wild gardens, Miss Sturtevant and her Irises, Mrs. Sloot and her Dahlias, Mr. Durand and his nai̇te plants. John Davey's work for trees is well known,

Grace Sturtevant
Miss Sturtevant is well known as a specialist in Irises, both through her writings and her productions.

Louise Beere Wilder
One of our most distinguished garden authors: is shown here in her wild garden, a place which represents her special devotion.

William L. Clute
The editor of The American Botanist is a botanist of note and a brilliant writer on his fascinating specialty.

Mrs. Charles Stout
Port of the extraordinary popularity of his Dubia must be due to Mrs. Stout's writing and fine enthusiasm.

W. C. Egan
For long Mr. Egan has been one of our country's most enthusiastic amateurs in rose culture and hybridizing.

Mrs. Charles Stout
Part of the extraordinary popularity of his Dubia must be due to Mrs. Stout's writing and fine enthusiasm.

John Davey
This photograph of late Mr. Davey shows the famous tree surgeons as he looked during last years of his

Herbert L. Durand
The value of native plants is Mr. Durand's specialty. On this subject he writes in House & Garden.
STARTED IN 1842

Whitman's Sampler

CONTAINING

“Fussy” Chocolates
Honey White Mougat
Chocolate Covered Mint Marshmallows
Chocolate Covered Caramels
Chocolate Covered Liquid Cherries
Chocolate Covered Brazil Nuts
“1842” Bitter Sweets
Jordan Almonds
Chocolate Cream Mints
Chocolate Covered Almonds
How to Prolong the Life Of Your Linoleum

Your linoleum will last longer, look better and clean easier if you polish it occasionally with Johnson’s Paste or Liquid Wax. Wax helps preserve the life and resilience of linoleum—brings out the pattern and color—and Your linoleum will last longer, look better and clean easier if you polish it can of Johnson’s Wax being sufficient for polishing 300 sq. ft.—one coat. beautiful—easy to care for—they won’t be slippery—and will not heel-places can be easily re-waxed without going over the entire floor. You can take all the drudgery from dusting if you will just polish your furniture and woodwork occasionally with Johnson’s Wax. It POLISHING WAX...ermany, it quickly produces an exquisite, velvety lustre of great beauty and durability. Johnson’s Polishing Wax gives a delightful air of immaculate cleanliness wherever used.

The Easy Way

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

FREE — Book on Home Beautifying

Ask for a FREE copy of theJohnson Book on Home Beautifying at any store displaying the sign shown at right. Or, fill out and mail this coupon, enclosing life to cover mailing cost.
This new Five Passenger Landau, a striking addition to the V-63 line, will appeal particularly to those who desire a closed car of marked individuality.

The comfortable Cadillac-Fisher Body is of new and special design. Nickeled radiator and lamps, contrasting smartly with the distinctive Magic Green finish, add a pleasing touch to a car of exceptional beauty.

The famous harmonized V-Type eight-cylinder engine, Cadillac Four-Wheel Brakes, and other advanced features of the standard V-63 chassis bespeak the very utmost in performance.

The New Five Passenger Landau lists at $3650, f. o. b. Detroit—but it is the superb quality of the car, the fact that it is a V-63 Cadillac, which makes this price important.

Price, $3650

War Tax to be Added
THE colorful charm of fine, decorated furniture is pleasingly exemplified in the many dainty bedroom suites comprising the Morton W. Lee collection. One may select any suite in the colors shown or designate a special color or design to match a general scheme. Suites may be composed of any number of pieces required.

You are invited to visit our conveniently located showrooms.

Morton W. Lee
Unusual Furniture
may be purchased through your Decorator or Dealer.

Bedroom suite 298 in Burl Maple

HUNTING ANTIQUES IN FRANCE

(Continued from page 86)

dealer after dealer, each rivaling with his neighbor in his display of France's most precious productions.

Some say that there are no longer any bargains to be found in the boxes which ornament the parapets, and others object that the plate glass windows on the opposite side of the street intimidate them. To the former I might cite the case of a well-known French writer who has visited them daily for nearly half a century, and whose library thus acquired is one of the finest for first editions of the 17th and 18th Century poets. To the others I might make the statement that some of my very best and relatively cheapest purchases have been made in the high class stores of the Faubourg St. Honoré or on the Quai Voltaire.

For the benefit of those who like variety and are not afraid of soil ing their gloves, I feel it a duty to mention the "Foire à la FERAILLE", held annually on the Boulevard Richard Lenoir, during the nine days that precede Easter. Here is brought and exhibited on the sidewalk, under temporary sheds or awnings, everything that has to do with ironmongery. The word "feraille", however, is given a very liberal interpretation, for in that market every conceivable article, down to the benefit to those who like cheapness, is exhibited. The word "feraille", however, is given a very liberal interpretation, for in that market every conceivable article, down to the benefit to those who like cheapness, is exhibited.

The undertaking was a decided success and in spite of the enormous expenses incurred the group has decided to renew their effort, and thanks to the numerous new adhesions hopes to make even better showing during a certain fortnight next June.

COTTON FABRICS FOR THE HOUSE

(Continued from page 58)
effectively; no lining needed. Found in expensive imported prints and in cheap domestic cretonnes. Also mimicked by printing the finished fabric.

TAPESTRY CRETONNE. Printed on heavy goods, sometimes "cotton taffetas", in dark all-over foliage and floral designs like wool tapestry. Practical for inexpensive upholstery, slip-covers and over-drapery.

TERRY CLOTH is like Turkish toweling, printed both sides alike for window draperies; sides of different colors and designs for portieres, mostly dark colorings, for winter hangings, cushions and couch covers.

TOILES. The French name for linen cloths. The term "toile" is largely used by decorators for printed cottons and linens especially in scenic designs of monotonous or several colors, like those for which the French town of Jouy was first famous. The name Toile de Jouy is now used for cotton or linen printed in designs characteristic of those made by the French artist Huet in the 18th Century and printed by Oberkampf at Jouy. These prints are now made in America and England as well as in France. They include landscapes, gardens, lively pictures of the hunt, court life and pastoral scenes, historical events and mythological fancies. Americans are partial to scenes from our early Colonial and Revolutionary history. These prints are used for wall panels, screens, window, bed and toilet table draperies; slip-covers and upholstery; especially with Early American furniture, and to drape tester beds.

VELVET. Cotton velvets are hand-blocked. Printed. Used for drapery, silks and hand-blocked velvets often carry the same design as a cheaper plain fabric. Velvet has a sharper, more subdued character than hand-printed velvets, and is more expensive. But velvets, especially 18th Century and English, are in favor; are more expensive, and are more durable than hand-printed velvets. The same design is often made in hand-blocked and machine-printed velvets.

VOILE. Exquisite new prints this sheer open weave cretonne to use in shops this season for curtaining in formal French classic vases and borders, and natural spring flower designs, little more expensive than marquise. Color trends today are distinctly toward green and lavender. Greens are scarcer. They are the good blues to one green in the shop. Reds grow in favor. A large range of many colored flowers for a choice back, repeated on the seat, is popular demand, fruits for dining rooms. Classic tendencies urge Toile de Jouy. Jacobean, Egyptian, Indian and French, especially French designs, are also in favor, and the decoration of the English Georgian and American Colonial designs is on the increase. Stripes on very rough weave and in brilliant colors, checks and flowered blocks, and more and more glazed chintzes and cambric are the decorator's summer preference. A pleasing bird of paradise still holds sway.

MORTON W. LEE
Bedroom & Boudoir Furniture
355 Madison Avenue, New York.
(Opposite The Ritz-Carlton.)
EVERY fine piece of textile weaving is a chronicle of dates and places. This modern damask, inspired by an antique French brocade in the Dresden Museum, is of a long lineage.

While it was adapted from a fabric produced at the beginning of the eighteenth century, the magnificence of its design takes us back to the first half of the seventeenth century, when skilled Italian weavers at Lyons used Renaissance patterns.

These fabrics, like this modern adaptation, were luxuriant in feeling. Many of them show the so-called Hogarth line of beauty in a floral serpentine arrangement, just as does this new damask. Here heavy curving lines of stems and leaves are woven richly in dull gold on a dark but lustrous ground. For comparison one can only recall the burnished metals of Damascus.

This Schumacher damask was made in this country on a Jacquard loom—the perfected product of the modern weaving industry. The antique brocade was woven on a hand-loom of monarchical France.

Both fabrics, the new and the old, express the same fine traditions of textile weaving. You may see this fabric by arrangement with your own upholsterer or decorator. He will also gladly attend to the purchase for you.

F. Schumacher & Co., Importers, Manufacturers, 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.
Belber

A Belber multiplies the pleasures of vacation

TAKE a Belber Safe-Lock Wardrobe Trunk on vacation this summer. It not only carries your daintiest frocks fresh and unwrinkled—but once arrived in the usually crowded summer quarters, it is a roomy, extra closet for your clothes.

Everything that adds to comfort is included in this thoughtfully designed trunk. Drawers, hangers, compartments, hat box, even an ironing board and iron holder! In addition the Belber Safe-Lock eliminates all stooping and struggling with unwilling catches. One turn up unlocks—one turn down locks every catch automatically.

Before you buy a wardrobe trunk remember that it will last you many years. You want the one that can bring the most convenience and the greatest satisfaction. The Belber will bring you every advantage of the finest trunks—plus the exclusive Safe-Lock. Prices are very reasonable—$40.00 and up. Write for our booklet, "The Style in Wardrobe Trunks—and how to pack them." It will help you in making your selection.


Belber Suitcases: There are light, stylish models for women as well as big, roomy designs for men. All have cleverly arranged pockets or partitions. The name Belber on any bag or suitcase assures the highest quality at the most reasonable prices. Look for it.

Belber SAFE-LOCK WARDROBE TRUNK

WORLD'S LARGEST MANUFACTURER OF FINE TRAVELING GOODS

This border stripe design is common to Khorassen rugs but not found in other types of Orientals

(Continued from page 62)

these rugs may be recognized easily among other Persian fabrics. Among Khorassen proper, the design is marked by a complex treatment of the cone, or pear, device which is peculiar and not seen elsewhere. The cone figure itself is familiar to every one; we call it the pear sometimes, and sometimes the pine. In the East it has many names: the flame, a Parsee interpretation, or the cone of flame, the palm, the river-loop, from the bend of the river Jhelum in Kashmir or of the Ganges. In the Khorasan rendering, the cone is long in the Indian fashion rather than oval in the Persian manner, with one, two, or three smaller cones poised upon, or springing from a large one, and projecting from it so as to produce something of a cruciform figure. The rich elaborate effect is still further heightened by little white and colored flowers and ornaments with which the cones are decorated and be-jewelled. The whole field of a Khorassen rug is sometimes covered by rows and rows of simple cone-figures, red in color and set so closely that the blue ground appears only as a broken strip in the background. The complex cone is used only by the weavers of Khorassen, though, in its simple form, the device is common all through the East.

The medallion center, sometimes one, sometimes two, often appears. The modern weaver generally places his medallions on a ground of solid color in order to save time and trouble. The old weaver, to whom time was nothing where art was concerned, surrounded the medallion with a tracery of stem, leaf, bird, and blossom, designed and drawn with skill and a good deal of realism, on the plain ground. Animal, bird, and figure forms still appear in some Khorassens, and the flower treatment often inclines to realism. At the same time stiff and conventional forms are constantly used.

Borders are important in a Khorassen; the main stripe is wide to an uncommon degree, and from three to eight is the usual number of stripes. The Herati or lace pattern, which is of the majority of Eastern rugs, is used in the Khorassen borders to a well-marked waving line—white on a deep red ground—which constantly appears in the main stripe is repeated in the narrow guard stripes and in the elongated palm leaves and various floral devices are also used. A characteristic Khorassen pattern in the main-stripe is illustrated, since it is so commonly found in these rugs and since it is unknown to any other rug it may be accepted as the "hall-mark" of the rug. This pattern is based on the undulating vine in a double form so conventionalized that the flower bud may equally well be taken to represent a head of a bird. Heavy rather than graceful, it is yet profoundly interesting on account of the ingenuity of the strangeness that informs it.

Another distinguishing feature Khorassens is the curious quality the pile; this is uneven and low almost as if here and there the art of a chemical dye had begun to wear away the wool. But this effect is unintentional, the pile being unevenly chopped. The rugs are closely and beautifully woven on a cotton foundation of excellent solidity and firmness. The soft and lustrous quality of the pile partly due to the wool, which is taken from the fleece of yearling lambs, and the unevenness of trimming adds to the richness of the pile. The rugs are revealed by a close examination the wrong side. The selvan is

(Continued on page 92)
Only Packard can build a Packard

Brilliant Beauty
Distinctive Smartness
Extraordinary Performance
Economy of Operation
Luxurious Comfort
Low Upkeep Cost
Years and Years of Service
Pride of Ownership
Sound Investment
Standardized Nation-Wide Service
High Resale Value

Shown above is the Packard Six Five-Passenger Touring Car.
Packard Six furnished in eleven popular body types, open and enclosed.
Packard Eight furnished in ten body types, open and enclosed.

ASK THE MAN WHO OWNS ONE


RUGS OF KHORASSEN AND MESHED

(Continued from page 90)

which is used, is tied to the left, an unusual departure from the customary right-hand knot. Here and there the ordinary two threads are abandoned and the knotting is made on four. The cotton warp is not infrequently dyed in a shade of blue.

The characteristic color is red; red in some of its manifestations is rarely omitted from the Khorassan. The shades vary from pink to a purple, which is almost unique as a color; green, daffodil, and rose red, wine color; a reddish violet, deep vermilion, and magenta. The vermilion and purpletoned lines, a little crude at first, have a tendency to fade, and a slight general softening and toning may be observed as time goes on. On the whole, the dyes are reliable and excellent and the general color effect of a Khorassan is warm and glowing, even brilliant. A good deal of blue is used, central medallions of red finely elaborated and outlined with ivory and yellow are placed on a field of blue, and the same shade is used as background for the great cones of wine red ranged in their even rows. Green and yellow are employed lavishly; ivory white and cream shades are usually found in greater or less degree.

The rugs of Meshed (or Mashad the Holy) are considered by some authorities to represent the finest flower of Khorassan weavers. The opulent quality of a Khorassan is intensified in the Meshed, and the careful drawing of flower, leaf, and animal is carried out with even greater skill.

The modern production bears the


THE SIMPLEST KIND OF GARDEN

(Continued from page 63)

the color now brilliant and boisterous, then faint and fair-like, I like a little cozy path where you can turn all those darling little things that are not effective in a real garden. There is often a chance for such a path in a vacant corner. All the little edging plants are especially welcome there for each little variety can be noticed, so close at one's feet they are. I want Violas there in all their fascinating variety, and for very contrast with them the Saxifrages. I want creeping Veronicas and all the dainty varieties of Dianthus. I want Tunicas and Niemergbergs. I like these plants in irregular masses and delightfully intermingled and planted so near the edge of the border that they spread over the path with freedom. I like these paths to be of broken paving for such plants spoil the edges of grass paths in their very exuberance and look forlorn when they come in contact with gravel. I would rather have these wondrously free edgings with all their varied bloom and varied habit than even Boxwood edgings in all their beauty and I would forake the most wonderful of great gardens for one of these little cozy paths.

There are paths that can take upon themselves the very character of their surroundings. There are paths bordered with Boxwood and enclosed with fine walks or evergreen hedges that fit rich houses and luxurious setings. There are paths bordered with Lilacs altogether old-fashioned, rugged paths through fields with wild Roses and MeadowSweet, paths between trained espalier fruit or vegetable gardens, paths trenched beneath clipped Horsseman or bordered with trained Lindens in a quaint and old world spirit.

Then, there are paths that will interpret the character of their site. I remember a fine old house sheltered by great trees. A long flower-border path extends from the central door way in the back of the house to a great tree in the field. The grass walk is seven, perhaps eight feet wide with the borders ten or twelve at least Path and borders together are as wide as the house itself. This gives the garden a generous feeling quite beyond its actual dimensions. There is, too, a perfect relationship between the length of the path and the height of the trees, between the undulating flower lines and the width of the tree branches.

And then, there are paths that will absorb the very character of the natural scene about them. I mean a path that winds down from the lawn through flower borders to a boat house.

(Continued on page 110)
We consider wrist watches something more than convenient and ingenious mechanisms for keeping time.

Charming decorative effects in platinum, diamonds, sapphires and emeralds can be attained by the creative jeweler.

Black Starr & Frost jeweled wrist watches are real objects of art, which afford the special pleasure that is inspired by the perfect union of art and utility.
Just what you want to fill that narrow panel

'THE place for the clock in decoration is a very definite one,' says Arts and Decoration. How admirably the Sessions ALDEN fills a narrow panel and does much to animate a room and add to its decorative interest. And, of course, the ALDEN will keep accurate time. There is a Sessions Clock particularly fitted for every room of your house. It will combine utility and beauty. Accuracy is the nature of a Sessions Clock. The wide variety of styles—at prices remarkably reasonable—make the Sessions line unique and unrivaled. The Sessions ideal (established in 1840) is "the best at fairest prices."

Send for the Sessions booklet, "Friendly Clocks." The details and prices will help you make a selection at any of the leading stores. When you write (using the margin below) please mention your dealer's name.

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

ALDEN
$36
331/2 inches high; 10 inches wide; eight-day time; genuine mahogany case; glass panels in colors.

Red velvet offsets the unusually fine pierced brass nail heads of this 17th Century Spanish walnut armchair

AN OUTLINE OF SPANISH FURNITURE
(Continued from page 75)

over our everyday thinking, as intangible and lovely as India's Taj Mahal at sundown.

What is the actual lure of Spanish things? How are they able to tempt us away from the Italian Renaissance or the Early English periods—Tudor, Elizabethan or even Jacobean, whose furniture at least is all akin, and increasingly appreciated today. It is the hand of the Moor in Spain, the Saracen who brought with him his arabesques from the Near East—Arabia, Syria and Asia Minor by way of Sicily on the Blue Mediterranean sea and Africa on its coast to the south.

These intricate arabesques, together with an outburst of vivid coloring—red and gold, green and blue, laid on Spain. The carving and ornament brought from Gothic France and Renaissance Italy gave place to metal work, tooled, colored and gilded leathers, and textiles whose color and design carry the bolder hand, the broader stroke of a people who do not know and do not care much for art; though the oriental workman's delicacy of scroll and strapwork, and his involved tracery in arabesque, relieve the early simplicity and even austerity of the Spaniard's household comforts.

The red, green and yellow we now call Spanish are perhaps more brilliant and more faded than the colorings of the 16th and 17th centuries. Greens range from deep-emerald to the light faint first outburst of leaves on the spring willows. Yellow may be clear pure gold, or a faint tinge of canary in a drying corn husk. Red may be crimson or verge on a maroon or more typically it may approach the neutral red of vermilion in a sort of lacquer red. The blue will be as dark as indigo with no tinge of red or yellow, or faded to a faint aquamarine.

To say whether a piece of furniture is Italian or Spanish design is not easy at a glance except to an expert, for the construction is similar, but a certain character of ornament marks it as Spanish. The furniture we reproduce as Spanish today is usually of 16th and 17th century design, because in the 18th century the baroque styles from Italy and the rococo and Louis XVI from France eliminated what was purely Spanish and produced a much more curious article than the Irish Chippendale pieces.

These points characterize Spanish furniture, its most distinctive qualities being specially noted:

Constitution: Similar to Italian Renaissance; simple, primitive, quadrangular—rectangular, or architectural and elaborate; sturdy, underbraced heavily, characteristically supported by curved and ornamental iron braces. Typical supports are trestle-like in tables and benches.

Construction: Similar to Italian Renaissance; simple, primitive, rectangular, or architectural and elaborate; sturdy, underbraced heavily, characteristically supported by curved and ornamental iron braces. Typical supports are trestle-like in tables and benches.

(Continued on page 96)
Maybe you don’t believe this
—then try it yourself

You have doubtless read a great many advertisements recommending the use of Listerine as a deodorant—as, for instance, Listerine for halitosis (the medical term for unpleasant breath).

But do you really appreciate just how unusual Listerine’s deodorizing properties are? Make this test yourself:

Rub a bit of fresh onion on your hand.
Douse on a little Listerine. The onion odor immediately disappears.

It will be a revelation to you. And then you will appreciate all the more why Listerine enjoys so widespread a popularity as a deodorant.

Women lately have developed a new use for Listerine. They wanted a perspiration deodorant—one absolutely safe, non-irritating, and one that would not stain garments.

They found it in Listerine—which is, after all, the ideal deodorant. Thousands of men and women will be grateful to us for passing this suggestion along.

Try Listerine this way some day when you don’t have time for a tub or shower. See how clean and refreshed it makes you feel.—Lambert Pharmacal Company, Saint Louis, U. S. A. * * * * Makers also of Listerine Tooth Paste and Listerine Throat Tablets.
The biggest nickel's worth

You can buy an ice-cream cone for a nickel; it is cooling for a minute.

Or you can buy electricity for a nickel—enough to run a twelve-inch G-E fan for ten hours!

Is there any bigger nickel's worth in the world than this—coolness and comfort all day long, and a feeling of freshness at the end?

GENERAL ELECTRIC
A Principle Consistently Adhered To

The avowed purpose behind the building of the Lincoln is to make this car beyond question the finest that can be built.

Precision—workmanship and a keen sense of responsibility on the part of the capable Lincoln organization has accomplished the fulfillment of this pledge.

It is with pride, therefore, that the builders of the Lincoln have witnessed the growing admiration for the beauty, performance and lasting service of this car. They find reward for their efforts in the steadily increasing conviction on the part of the public—that here, truly, is the supreme automotive achievement, backed by an organization pledged to keep it supreme.

LINCOLN MOTOR COMPANY
Division of Ford Motor Company, Detroit, Michigan
Unless you have watched a modern home in process of building, you may have only a vague notion of the various pipe lines, valves and connections permanently buried behind the walls and beneath the floors. Yet the health and happy comfort of your household depend as much on the smooth working of these hidden necessities as on the convenience and fine proportions of the Crane fixtures whose visible beauty adds so much to the charm of a well planned home. It is the business of Crane service to supply this need for complete sanitary and heating systems as dependable and enduring as they are inviting in form. Branches and offices in 145 cities make it easy to choose plumbing and heating materials entirely satisfying both to your taste and to your building budget.

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THROUGHOUT many years the name Buick has been indelibly associated with all that is best in six-cylinder motor cars. Naturally, such a record has resulted in a universal acceptance of every Buick six.

WHEN BETTER AUTOMOBILES ARE BUILT, BUICK WILL BUILD THEM

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Pioneer Builders of Valve-in-Head Motor Cars
Branches in All Principal Cities—Dealers Everywhere.

Canadian Factories: McLAUGHLIN-BuICK, Oshawa, Ont.
and fancy supports and grilles is essentially Spanish, for Spanish iron mines were notable from ancient Roman times.

Top: Straight, arched, crested and carved. Corbels on chair side supports, knob or vase finials on chair and bed posts. Headboards of bed curved, often with single or double arcade. Straight tops to cabinets, especially cargeteño.

Back: Straight or slightly raked, flat or slightly curved, upholstered in leather or fabric. Broad top-rail of carved wood. Leather or fabric often the only support of back or seat—design of back or top rail as in Italian types; lower edge of bottom horizontal splat often shaped in curved outline. Two or three horizontal carved splats with shaped edges, often with pierced ornament. High upholstered backs often flare backward at top.

Arm: Horizontal, broad, flat with square ends shaped into a moulding, generally curved, supported; supports rectangular, straight, plain or curved. Curved arms dropping forward with scrolled or curved ends, supports—versed-scroll, spiral, turned or rectangular, plain, reeded or curved to match leg. Spirals for both arms and supports.

Seat: Rectangular, broad, sometimes shallow, with or without apron front. Rush, straw, wood, upholstered flat, or cushioned, leather or cloth often nailed to sides unsupported like a hammock. Large metal nail heads, plain or openwork, all around seat; openwork-traiscoiled nail heads—typical Spanish. Carved or shaped seat rails characteristic.

The Spanish Leg

Leg: Chair—straight, rectangular, simple; carved in vertical lines, gouged ornament typical; underbraced; runner-feet—a straight underbracing joining side legs on or near front, not as common as in Italian types; front stretcher simple or elaborately carved in characteristic pierced geometrical ornament or scroll work; underbracing often repeats the carving or design of back or top rail. Restaurant tables—arcades and spiral columns sharped with loose ends; stands for cabinet supports, often connected lengthways of table with elaborate architecture, arcades and spiral columns turned; columns vary, some are spiral, some all fancy turning ornamented, and some mixed.

Foot: Plain rectangular foot straight leg; scroll or paw foot. Scrolls or scroll legs, turned foot in half ball or bun shape; moulded or with elaborated acanthus leaf carving. Fake or genuine or other cabinet stands; paws or buns on chest; runner feet occasionally; hall and claw and ball foreign forms in later models. True rectangular, plain, carved acanthus reeded; a single bun or other round form supporting a cabinet.

The cargeteño, the most typical piece of Spanish furniture, is either mounted on a stand, its drop front supported on adjustable slides, made an excellent writing desk.

Using Spanish Furniture

The general austerity of Spanish furniture encourages the use of textiles, luxurious, opulent, gorgeous sumptuous, what you will,—especially Spanish rugs, in pale gold and clear color. These are often required to produce the best Spanish decorative effect. Where suitable Spanish fabrics are nil, and painted or designed or coloured or upholstered or woven or japanned or grained in imitation of the Spanish mahogany. American hook rugs of geometrical design are occasional. Spanish leather and fabric, especially on tables, floors, combined with Spanish ideas of Moorish decorative ornament, reminiscent of Moorish habit which knew nothing of chairs. Women in Spain long used cushions as seats, and the men had taken to chairs, and sense of women's inferiority as chatted in a Moorish harem was less remembered in Spain by her chair seats, one-third lower than that of her lord and master.

The splash of a fountain, glisten of damascened steel blade, the sway of a gorgeous long fringed shawl, the scent of jasmine and aromatic herbs, the shadowed patio cool, all start memory at thought of Spain. A Spanish adage says, "Here never the hills so high, so high! There never the hills so high! There's a ship on the sea that belongs to me, And over the hills lies Spain!"

Mr. and Mrs. G. Glen Gould
"You press the button; we do the rest."

In Motion

The hunt is your hobby—the Ciné-Kodak keeps for you in motion pictures all the story save the music of hounds and the tan-ta-ra—tan-ta-ra of the horn.

Tennis and golf, bathing and yachting, fishing and hunting, horse show and race meet—it's the action in each that gives the thrill. And the Ciné-Kodak tells and retells the story—in action.

Just as it first made amateur photography popular by making it simple, Kodak now brings to you, in motion, personal pictures of the very things you care for most.

And again it is done by the mere pressure of a button. You can now have personal movies with Kodak ease.

Ciné-Kodak booklet and full information by mail on request

Eastman Kodak Company, Rochester, N. Y. The Kodak City
Good Buildings Deserve Good Hardware

Good Buildings Deserve Good Hardware

See that name Corbin! Any key that bears it is a key to security.

Sec that name Corbin! Be sure that and you’re sure of your lock.

It was a good locking idea 3000 years ago — and it’s the best today

ANCIENT Egyptian lockmakers knew the merit of the pin-tumbler lock. They were the first to apply the principle. It has been applied with improvements by locksmiths of every century since. Today, you will find this unsurpassed lock principle in its most perfect form, in the Corbin Cylinder Lock.

The great security of this lock is due to the combination of tumbler-pins of different lengths. No two combinations are alike. Only your Corbin key can open your Corbin lock—and Corbin keys, precisely notched for their locks, turn with smooth perfection.

The number of Corbin Cylinder Locks in daily use is enormous. This lock—a mechanically perfect thing, is an example of the good protection and good daily service afforded by good hardware. There is no better guide to all three than the name Corbin on a Cylinder Lock and Key.

P. & F. CORBIN

The American Hardware Corporation, Successors

NEW YORK CHICAGO PHILADELPHIA

Early in May Azalea poukhanense commences to open its rosy purple flowers rich in fragrance. Its leaves in autumn are tinted orange

THE BRILLIANT GAIETY OF AZALEAS

(Continued from page 56)

or groups for they are surface-rooting plants and when growing close together keep the soil about them cool and properly aerated.

The great Azalea regions of the world are eastern North America, Japan, Korea and adjacent parts of Asia. All the kinds hardy in New England have come from these parts of the globe. One yellow-flowered species is native of the eastern and central parts of China and another of those parts of Asia Minor bordering the Black Sea and certain places in central Europe. Unfortunately these two species are not properly hardy in New England. In Europe they have been much used by the hybridist, and, crossed with American and Japanese species, have played an important part in the production of the polychromatic “Ghent” and “Mollis” Azaleas unfortunately not fully hardy in the colder parts of this country.

Earliest of Hardy Azaleas to burst into blossom is Azalea mucronulata vulgaris of Korea and other parts of north-eastern Asia. This is a shrub of loose branching habit with rigid, twiggy stems thickly crowded with clusters of rose-colored flowers. The leaves dotted with tiny glands and when crushed emit a pleasing fragrance. In the autumn they change to yellow or bronzy crimson. Seldom exceeding 3 feet in height this Azalea is partial to dry and stony situations and thrives beneath the White Pine. The flowers are remarkably resistant to late frosts but the best results are obtained with positions sheltered from strong winds.

Of singular elegance and charm is Azalea Vanhouttei with star-like pure pink flowers. Rather sparse in habit, it loves a moist situation and is happiest near a pond or stream where tall Willows or other deciduous-leaved trees break the sun’s rays. Though restricted in wild state to the higher mountains of western North Carolina it is perfectly hardy as far north as Massachusetts. The typical form has pink flowers but there is also one with white blossoms.

(Continued on page 102)

Extraordinarily floriferous is Azalea Kuosiferi, with its salmon to red flowers. This is one of the most spectacular of Azaleas
The very beauty of Wamsutta Percale foretells the joy that follows its use. These exquisite sheets and pillow-cases, rich and fine in texture, become even lovelier with laundering.

They cost much less than fine linen—and but little more than ordinary cotton. Here indeed are beautiful and lasting gifts for young housekeepers. Economical because they endure; luxurious for their elegance. At the best shops—in all sizes—plain, scalloped and hemstitched.

WAMSUTTA PERCALE
Sheets and Pillow Cases
The Finest of Cottons

WAMSUTTA MLLS ALSO MAKE
WAMSUTTA NAINSOOK, LUSTERSHEER AND WAMSUTTA UNDERWEAR CLOTH
A charming group for small apartment or cottage

There's a richness, a brilliance, a spirited quality about this Italian dining group that adds a touch of romance to any surroundings. Picture it in your own home or cottage—Polished walnut gleaming, tasselled cushions of Cardinal red velvet, silverware and colorful china highlighted against the dark surface of the Welch deck—Ask to see it at your dealers, and send for the Hastings Brochure, describing other interesting and moderately priced creations.

HASTINGS TABLE COMPANY
HASTINGS, MICHIGAN

Furniture

THE BRILLIANT GAIETY OF AZALEAS

(Continued from page 100)

Vying with Vassey's Azaleas in the pink purity of its blooms is A. Schlippenbachii whose loveliness is beginning to be noted abroad. This has broad funnel-form, fragrant flowers each from two and a quarter to three inches across produced in terminal clusters, usually in late May before the leaves unfold. It is a sturdy bush with rigid, twiggy branches and I have seen it as much as fifteen feet tall though usually it is less than half this height. The leaves are obovate, from two to four inches long and in the fall change to yellow, orange and crimson. Known from two isolated mountains in north Japan and one or two localities in northeastern Manchuria, it is one of the commonest shrubs in Korea where in thin woods it is often the dominant under-growth. On some of the mountains it is extraordinarily abundant, presenting in June the wonderful sight of mile upon mile of drifts of purest pink. In Korea, through thin woods of oak with gray and rose-tinted unfolding leaves, I have walked for hours among myriads of blossoms of this beautiful Azalea whose scenes are readily recalled from a memory happily rich in scenes of floral beauty stored by travel in many lands. Familiar to many is A. nudiflor., the Wild Honeysuckle or Pinxti Flower widespread in this country from Massachusetts southward. This is an excellent garden shrub growing from two to six feet tall and densely set with thin branches and bearing profusion clusters of fragrant flowers pale to crimson-pink in color with lobes spreading from a slender, hairy tube and stamens and pistil outthrust. It thrives in any situation and never fails to put forth a wealth of sweet fragrant blossoms. Two other American species with pink and rose-colored flowers are the closely related A. rosea and A. canesc. The first-named is the most northern of native Azaleas being found from southwestern New
TEDMAN Reinforced Rubber Flooring has all the life, warmth and soft colorings that make it a floor of character—a floor worthy to be the foundation upon which rests your whole scheme of decoration.

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus the beauty does not fade or wear off but rather improves with each year of use.

The initial cost is slightly higher than ordinary flooring, but there is no further cost.

Stedman requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service. In fact the cost of installation is the only cost.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.
Only One in Five escapes Pyorrhea

Will that one be you?  Be sure—use Forhan's

Dental statistics tell the story. Four out of five over forty years of age—and thousands younger—are victims of Pyorrhea.

Apply the "ounce of prevention" before Nature warns with bleeding gums. Go to your dentist regularly. And brush your teeth at least twice a day with Forhan's For the Gums. Nature warns with bleeding gums. Go to your dentist regularly. And brush your teeth at least twice a day with Forhan's For the Gums.

There is only one tooth paste of proved efficacy in the treatment of Pyorrhea. It is the one that many thousands have found beneficial for years. For your own sake, make sure that you get it. Ask for, and insist upon, Forhan's For the Gums. At all drugstores, 35c and 60c in tubes.

Forhan's
FOR THE GUMS

More than a tooth paste— it checks Pyorrhea

(The Brilliant Gaiety of Azaleas)

(Continued from page 102)

Hampshire, central Vermont and southwestern Quebec south, while A. camacea is not found north of the Piedmont region of North Carolina. Both are broad, irregularly branching shrubs from four to fifteen feet tall with fragrant tubular flowers opening before the leaves unfold.

About the end of the first week in May, A. pulcherrima commences to flower. This is the common Azalea of Korea from the central parts south. In gardens it is a densely branched, rounded or flat-topped shrub from one to four feet tall and more with terminal heads of rosy purple flowers rich in fragrance. It is partly deciduous and in the autumn the leaves are tinted orange to crimson. The double-flowered A. yedoensis, now frequent in gardens is nothing but a form of this Korean Azalea though its habit is more lax.

There is only one tooth paste of proved efficacy in the treatment of Pyorrhea. It is the one that many thousands have found beneficial for years. For your own sake, make sure that you get it. Ask for, and insist upon, Forhan's For the Gums. At all drugstores, 35c and 60c in tubes.

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"The Wood Eternal":

ALMOST everybody knows the unequalled investment value of "Tidewater" Cypress, historically described as "The Wood Eternal."

People who know very little about "lumber" know all about Cypress. It is "the nation's most respected wood."

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In trying to buy non-rot lumber you must take account of the fact that the true "Wood Eternal" kind of Cypress grows only within about 200 miles of the coast line.

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NEWARK, NEW JERSEY

KILLS FIRE

SAVES LIFE

The broad Beech Fern, Phlegopteris hexagonoptera, like a dry, half-shaded nook

AN ALL-AMERICAN ROCK GARDEN

(Continued from page 79)

Clean, neutral sand and a clay swamp muck were also employed in several mixtures in order to imitate as closely as possible the kind of soil to which many of the plants are accustomed. And, finally, the excavated dirt was well suited for such frequenters of waste, barren land as the orchid, the Butterflyweed, the Bristled Aster, the Spiked Gayfeather (Liatris), the Bitterberry, the Sweet Fern and the Goldaster (Chrysocephalus), which have been planted freely not only in the rock garden itself, but in the adjacent disturbed ground.

No rocks or stones of any description have been added to the garden. It is complete in this regard. A rock map-chart was made of the entire garden, on which the locations of different species of plants were indicated by numbers. Then cards, numbered to correspond, were prepared on which are written the common and botanical names of each species, kind of soil, the exposure, and the date of planting. There is also room for a brief story of each species, whether it has been introduced, or whether it has been brought to light a second and inside of an hour enough of that hillside was covered with dirt, down to the underlying rocks, to satisfy both of us that we were bringing to light a most marvelously designed, most cunningly carved and most naturally proportioned rock garden foundation, one that could never be imagined, much less constructed, by any mere man. So the work of excavation was pushed until, in a couple of days, the entire western and southern slopes of the hill were unfrocked. (The illustrations, taken some weeks later, give some idea of the character of the formation thus disclosed. Some planting had then been done.)

We were now ready to fill the innumerable packets and crevices with soil, or rather with soils, for, in order to satisfy the requirements of the many different species of plants to be put in, we had to prepare several kinds. The basis of all these soils was the limestone outcrops near Dover Plains, about eight miles east of Millbrook. For those that refuse to grow unless given a limy soil, we made a blend of equal parts of the neutral loam and what is called locally at Dover "lime sand".

One of the great problems was to rescue by having a broad spreading, forty-foot Maple tree planted and located where it overtops fully half of the western slope. This tree was moved in the fall and at this writing every branch a twig is burgeoning out with fresh foliage. Under its shelter, scores of woodland flowers are flourishing and at this writing every branch a twig is burgeoning out with fresh foliage. Under its shelter, scores of woodland flowers are flourishing to which many of the plants are accustomed. And, finally, the excavated dirt was well suited for such frequenters of waste, barren land as the orchid, the Butterflyweed, the Bristled Aster, the Spiked Gayfeather (Liatris), the Bitterberry, the Sweet Fern and the Goldaster (Chrysocephalus), which have been planted freely not only in the rock garden itself, but in the adjacent disturbed ground.

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There are many species of wild flowers and ferns which are found on the limestone outcrops near Dover Plains, about eight miles east of Millbrook. For those that refuse to grow unless given a limy soil, we made a blend of equal parts of the neutral loam and what is called locally at Dover "lime sand".
When You Build or Repair

Hardware Lasts Too Long to Buy Haphazardly

BE SURE that your hardware selection is not a makeshift and a future irritation. Visit your hardware merchant long before finishing time comes. For finishing time is rush time. Do not guess at hardware costs. There is no need for guesswork.

See the man who sells McKinney Hinges. He will gladly show you hardware samples and quote accurate figures. With hardware information before you, your judgment will guide you to a safe and wise decision. Then reserve the proper funds to cover the cost of the hardware you want. Too frequently an arbitrary sum is set aside and the home-builder is confronted with disappointment and hardware not of his choice.

McKinney Manufacturing Company
PITTSBURGH, PENNSYLVANIA

If you are planning to build, McKinney will send you complimentary copy of a little device which will allow you to arrange your furniture right on the plans.

One of the distinguishing features of this house is its roof, made of Tudor Stone in various sizes and harmonious colorings.

**Tudor Stone Roofs**

**Tudor Stone** is the name which we have given to the rugged slate mined from some of our Vermont quarries. It is in every respect a natural product, even its wide range of color being due to the processes of nature, and it is by the effective use of color that character in a composition is most lucidly expressed.

Each Tudor Stone roof is especially designed, both as to sizes and colors of slate, for the house upon which it is to be installed. This, of course, assures a roof that will be in harmony with the architectural design.

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.

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THE ultimate test of good taste and refinement comes with the selection of the essential equipment of the home. There is no questioning the taste that chooses Thomas Maddock appointments for the bathroom.

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- **Red Cedar**
- **Common Juniper**
- **Hemlock**
- **Inkberry**
- **Mountain Laurel**
- **Rhododendron**
- **Sandmyrtle**
- **Flame Azalea**
- **Pinkbells Azalea**
- **Pantherbloom**
- **Swamp Azalea**
- **Bayberry**
- **Low Blueberry**
- **Hawthorn**
- **Fragrant Sumac**
- **Shining Sumac**
- **Sweet Sumac**
- **Jack-in-the-Pulpit**
- **Solomon’s Plume**
- **White Trillium**
- **Wood Lily**
- **Trumpet Lily**
- **Crested Iris**
- **Larkspur**
- **Delphinium**
- **Lilium**
- **Crocus**
- **Oenothera**

**EVERGREENS AND WILD RHUS**

- Juniperus virginiana
- Juniperus communis, var.
- Tsuga canadensis
- Ilex glabra
- Kalmia latifolia
- R. maximum
- R. carolinianum
- Leptosiphon basiliski
- A. calidentulae
- A. euryops
- A. nudiflora
- A. viscosa
- Myrica caroliniensis
- Vaccinium pennsylvanicum
- Craugas species
- Rhodododenro species
- Rhododendron
- Myrica azellifolia

**WILD FLOWERS**

- Arisaema triphyllum
- Solanum rosmarinus
- Polygonum bisulcatum
- T. grandiflorum
- Lilium philadelphicum
- Erigeron annuus
- I. cristata
- L. verticillata
- A. quinquenervia
- Cyrtodemum aculeatum
- Silene penicillata
- Aquilegia chrysantha
- H. trifolius
- Viola pedata
- Aquilegia canadensis
- Anemone complanata
- Sanguinaria canadensis
- Tiarella cordifolia
- Lapins perennis
- Dicentra cucullaria
- Viola papilionacea
- Viola pubescens
- Saxifraga virginica
- Gaultheria procumbens
- Viola canadensis
- Oenothera fruticosa
- V. villosa
- A. patens
- B. amplexicaulis
- A. grandiflora
- H. ririola
- V. pedata
- Arisaema triphyllum
- A. grandiflora

**ACID SAND**

- Very acid
- Sub-acid
- Acid
- Local
- Neutral
- Alkaline

**AN ALL-AMERICAN ROCK GARDEN**

(Continued from page 106)

**EVERGREENS AND WILD RHUS**

(Continued on page 109)

**FLORAS**

- Phlox paniculata
- P. delavayi
- Plantago major
- Euphorbia species
- Erythronium americanum
- Viola papilionacea
- Tiarella cordifolia
- Viola pubescens
- Saxifraga virginica
- Gaultheria procumbens
- Viola canadensis
- Oenothera fruticosa
- A. azurea
- A. triphyllum
- T. grandiflora
- H. ririola
- V. pedata

**FLORAS**

- Very acid
- Sub-acid
- Acid
- Local
- Neutral
- Alkaline
- Acid
- Acid
- Acid
- Acid

**FLORAS**

- Neutral
- Sub-acid
- Acid
- Local
- Neutral
- Alkaline
- Acid
- Acid
- Acid

**FLORAS**

- Suitable for a sunny, medium to high rock garden in the East. They will be given a careful trial in the Tri-County Rock Garden this spring.
An Ancient Bit of Little Old New York

SKYSCRAPERS, subway trains and motor busses! And in their midst sleeps a Rip Van Winkle, yet unawakened. It is Bowling Green Park. Guarding the slumbers of the old Bowling Green is a fence, which to all appearances might have been put up yesterday, so strong and sturdy it appears. Yet we know that on a July night of 1787 patriotic New Yorkers knocked off the royal crowns which once adorned the posts of this old fence. One is almost tempted to believe that by some black magic this ancient fence has been endowed with immortality. Yet the explanation of its longevity is simple. It is constructed of wrought iron. Steel, the popular symbol of strength, disintegrates far more quickly than wrought iron. Some of the first pieces of wrought iron pipe made by the Reading Iron Company in 1848 are still in service. For rust resisting qualities combined with reasonable cost there is no piping material like wrought iron. And for dependable service and established reputation there is no wrought iron pipe like Reading. Piping once installed can be repaired or replaced only at great expense. The first installation should be the last. Reading Genuine Wrought Iron Pipe costs but a fraction more than steel pipe. "Reading's" life is two or three times that of steel. Specify Reading Genuine Wrought Iron Pipe.

READING IRON COMPANY
READING, PA.

World's Largest Manufacturers of Genuine Wrought Iron Pipe

Boston
Philadelphia
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Tulsa
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Cincinnati
Los Angeles
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Demand the Genuine

If it isn't a Jewett it isn't a Solid Porcelain Refrigerator

THE Jewett is the only refrigerator with genuine solid porcelain food and ice compartments—a feature that is widely imitated by thin metal linings, coated with porcelain.

In America's finest homes where quality reigns throughout you invariably find Jewett refrigerators, with glistening white compartments of solid, seamless porcelain 1/4" thick, with full rounded corners that leave no place for dirt, food particles or spilled liquids to collect. This exclusive feature, with cork insulated walls over 5" thick, assures cleaner, colder and more economical refrigeration.

Seventy-five years of unrelenting effort to build only the finest refrigerators possible has made the Jewett the standard of comparison, whether used with ice or electric refrigerating machines. Write for a copy of our illustrated catalog.

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123 Chandler St. Buffalo, N. Y.

Branch Offices:
New York Boston Chicago Cleveland Los Angeles Montreal

的实际厚度

This illustration shows the actual thickness: 1/4" of Jewett Solid Porcelain ice and food compartments. Molded in one piece, practically unbreakable and cannot discolor, crack nor craze. No joints, no cracks or crevices for food to lodge and decay, no lurking place for germs. Nothing to absorb moisture and odors.
IF YOU are about to build a new home—or if you intend to remodel your present home—you should give particular attention to the possibilities of Beautiful Tiles. Here is a material that is both decorative and utilitarian; beautiful and usable; artistic and practical.

As a decorative medium, Tiles enable you to have just what you want, and what your plans require, in the way of color effects, design and general treatment.

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Tiles never lose their original beauty—never cease to be charming to look at and agreeable to "keep house" with.

Write for the "Home Suggestion Book"

A copy of the "Home Suggestion Book" will be sent to you. Free on request.

FREE on request

A copy of the "Home Suggestion Book" will be sent to you. Free on request.

AN ALL-AMERICAN ROCK GARDEN

(Continued from page 108)

I know of two "excavated" rock gardens that have been carved out of hard rock, withIShove8 and mantaroa, since the one at Millbrook was begun. One is near Great Barrington, Mass., and the other is on my own home grounds at Bronxville. Each of these has a distinctive beauty all its own and both are greatly admired. Among the readers of HOME & GARDEN there are doubtless thousands who possess hills, with still other, perhaps better rock gardens in their interiors. I hope many of them will be dug out standing on one of the little inlets of the Sound. It has a great 8 shaped curve like the streams we see winding through flat meadow-lands. In the spring, Golden Tuft spreads its flat bloom over the pavement, the grayish foliage of Nepeta mussini is overtopped with a haze of tiny blossoms. Saxifrages are showing their pink spires above great leaf rosettes, and Lavender and Thyme and Sedums intermingle the varying grays of their foliage along the way. Everything is flat and matlike as if to interpret the very mood of the level meadow land all around. Then, later on, the borders become more rugged with bolder and coarser plants. Some are those we can find in the fields, Butterfly Weed and Evening Primrose, Tansy and Golden Rod and the Cow Parsnip that we have seen standing out boldly above the wet lands along sluggish streams. Then, there are such decorative flowers as Bocconias and such rugged plants as Globe Thistle that has a picturesque growth reminiscent of wind-swept dunes. In all these plants, in their rugged habits and in their bold outlines, we find the spirit of the wild meadow-land in summer.

SIMPLE FLOWER PATHS

There are paths that delight in exhibiting a single flower, Iris or Peony, Foxgloves or Aster, Dahlia or Zinnia, Anemone or Chrysanthemum. The uniformity of kind is offset by manifold differences in color and by the individualities of diverse varieties. In this type of garden, the flower must be of sufficient interest to be very telling in bloom, and effective in habit the must be so enchanting for the few weeks that it flowers as to make up for the lack of bloom for the rest of the season. This type of path is often a specialist's garden and sometimes it is a delightful element in a vegetable garden. Usually it requires simple dimensions for its charm and you will have seen such simple effects carried to great perfection in little gardens. I remember one in which there was a succession of Hycanthus, Centaury, Bell and Chrysanthemums where each effect carried out in a graded sequence of color was quite enchanting.

Paths seem to divide themselves according to their intent. There are paths that, as "a way in", become introductory phases to larger garden units. Sometimes, these paths are dignified with accents of Magnolias, Holly, Yews or Boxwood; sometimes little paths of careful study like one not more than fifteen feet long leading to a porch to garden between the planted Spiraeas and Snow iny where in the narrow space left by flowers there are white Pink Sweet Alpynms, lavender Heliotrope, Poets Narcissus and Daedalils with dainty effects, paths are just "a way through" one part of the garden, where the character of the plant has a transitional aspect and gates or gateways, Rose and Aroms sometimes mack the transition end. Some paths, however, lead to real little flower gardens. The character is, perhaps, more difficult to plan either of the other two; formalities in the relationship of it that can be overlooked in "a way through" and there are subtle details that can be omitted in this way.

SIMPLE COMPOSITION

This kind of a garden is based on the simplest of compositions. one and one focal point of great importance can give the garden its raison d'etre. emphasize its character. This focal point can be the most prominent details of the simplest kind. it can be the elaborate tea house or the simple arbor; brick wall, marble copings, bronze statue can be combined with the richest of terminal features: a simple wall fountain sunk in dry laid wall overgrown with the richest plant growth. whether the character of the garden is ornamental, the path is a part of the terminal feature. A sympathetic accord between the focal element of a garden and the terminal is of great importance in determining the character. Widening the path in the middle of this terminal feature gives it emphasis; putting it in a niche or false arch gives it an imposing effect; background of taller plants gives it a proper setting and a frame.

There is need, too, to enclose the garden, and for this there are fences, lattices, clipped hedges and planting in the greatest variety every requirement. Such simple compositions offer quite interesting variation. The
Have you a Kaywoodie in your pipe collection? The Kaywoodie pipe has that grace and distinctive appearance only produced by perfect workmanship. It is made of the finest Bruyere root obtainable. It is the perfect product of the oldest pipe house in America. 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

Have you ever dreamed of a simplified menage, where delicious food appeared as if by magic, with no effort or anxiety on your part?

This is just what a Dean's Week-End Box can do for you. Delicious assorted Cakes and Cookies, skillfully packed, will arrive just when desired, fresh, crisp and unbroken.

Send for our Illustrated Week-End Box Booklet describing the thirty-two different Assortments of Cake, priced at $3, $4, $5 and $8, which we send Post PREPAID anywhere East of the Mississippi.

A $5.00 Week-End Box

Dean's
WEEK-END BOXES AND CAKE-BY-POST SERVICE

ARCHAIC POTTERIES, old Chinese porcelains and sumptuous jades, converted into lamps of inspired beauty, give distinction to any room. Accompanied by shades made of rare textiles and designed in our studios by artists with a fine sense of proportion and a true feeling for color harmony, they tellingly accent any decorative scheme.

No catalog
Correspondence invited

Gump's
S & G Gump Co.
516-526 Post St
San Francisco
California

REPRODUCTION OF AN OLD COLONIAL HALL LANTERN IN BRASS FINISH

CASSIDY COMPANY
INCORPORATED
Designers and Manufacturers of Lighting Fixtures
Since 1867
101 PARK AVENUE AT FORTIETH STREET
NEW YORK CITY
THE SIMPLEST KIND OF GARDEN

(Continued from page 118)

of one garden I know is not only due to its flower arrangement, lovely as it is, but to the light and shade that play upon the path. As first, the simple, it is all a quiet green for from the porch steps we enter an arborized way, Actinidia, Trumpet Vine and Grapes cover the rustic beams while Funkias and Ferns cover the ground below. Then, out in the sunlight, we come upon bright color with entwining lattice covers, with climbing Roses and borders filled with gay flowers. There is another path where the first third of its length given over to Roses and with borders of Hollyhose forms an introduction to the flowers that border the rest of the way. The Arbor-vitae hedges that mark also divide one part from the other with charming effect. There is still another path where the Rose garden, interrupts its length and in a fourth garden a round pool, dividing the path in two, adds a charming variation.

BORDER COLOR SCHEMES

These path gardens have all the problems of other gardens in the opportunities that they offer for well studied succession of bloom, flower distribution and color effectiveness. I like them best when there is a studied care in flower distribution, telling accents in well-chosen spots, a simplicity in exciting lattice effects, with climbing Roses and borders filled with gay flowers. That's why I would start with pink in the pink scheme that is never the same, now it is massed, it is then partly mingled with other colors. Even the quantity of this color is always new. The colors becoming soft through the modulation of its tones, the old exaltant concord.

VARIETY IN BORDERS

It may seem at first glance, possible that the borders either side of the path are arranged rather arbitrarily color program. There is nothing conventional about it, however while each color is used in equal masses, it is then partly mingled the next, so that the colors are arranged rather arbitrarily, becoming soft through the modulation of their tones, the old exaltant concord.
EVERY KITCHEN DESERVES A GOOD SINK

What woman would not choose this beautiful Kohler sink?—for its roomy double drainboards; its back to protect the wall from spotting; its unbroken expanse of sanitary white enamel, as easy to clean as a saucer; its height, adjustable to her height?

Here, really, is a wonderful sink; a wonderful work-saver and strain-saver. A little large, perhaps, for a kitchenette? No matter, there are other Kohler sinks, and one of them was built to fit your kitchen.

Kohler kitchen sinks are just as fine in every way as the Kohler fixtures that you find in the best-appointed bathrooms. There is only one Kohler quality, and that is marked for your protection by the name "Kohler," unobtrusively fused into the snow-white, durable enamel—pride-mark of a firm half a century old.

Kohler Ware is not more expensive than any other ware that you would care to consider. It is sold everywhere by the best class of plumbing dealer. The Kohler booklet, which we will gladly send, will tell you more about this good ware.
NEW FLOORS
and you can now have just the
Each room as your taste dictates
All women long for bright dustless floors, kept so with least possible effort. The furniture looks better, hangings and drapes take on an increased charm, when displayed in connection with a colorful floor, finished in just the shade you want.

You can have “weathered” finish in the living room and dining room, for example; brighter shades in smaller rooms and sunporches; natural oak color in hallways and on the upper floors.

Our two free booklets, “The Story of Oak Floors,” and “How and Where to Use Oak Floors” have helped thousands of home owners to solve the floor problem.

You can do it too, easily, and at small cost, whether you are building or remodeling the old home.

for OLD
shade of floor finish you want
Lay oak over the old floor
Right over the old softwood floor, with its unworn surface and dust-catching cracks, lay your oak flooring. It is side and end matched, providing a continuous even expanse of polished surface. Nature’s beautiful oak.

The cost will be less than a new carpet. The advantages are permanence, saving in housework, cleanliness, and added beauty.

Write for these two free books. They tell the whole story, with color plates of the new modern finish. Our flooring experts will help you on any point without obligation, if you will write us.

OAK FLOORING BUREAU
1080 Ashland Block
Chicago

Please send me your free deluxe book, The Story of Oak Floors.” Also the booklet on “How and Where to Use Oak Floors.”

Name ____________________________
Address ___________________________
City ____________________________ State __________

"THE STORY OF OAK FLOORS"
from earliest times to the present day; 24 pages of valuable information for those about to build or remodel. Takes you through each room of your home, suggesting different grades for different rooms, various finishes, fully illustrated in color.

With this deluxe book, you will receive "How and Where to Use Oak Floors," a booklet of practical information on the proper use and care of oak floors.

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Write for these two free books. They tell the whole story, with color plates of the new modern finish. Our flooring experts will help you on any point without obligation, if you will write us.
Does your car look its true worth?

Or does a film of dullness cheapen it

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 lustrous

The common sense way

Common Sense leaves a Bone dry, plain hard surface. That needs dust. And resists atmosphere.

Proved by ten years of use on fine finishes.

To meet out-of-doors conditions, the Laboratory evolved Common Sense, a simple, easy to use Cleanser. Created near the confusion of soap, pastes and "polishes." And ended all chance of injury to fine finishes.

Unlike an ordinary polish, with its temporary shine or "finish" or a paste, Common Sense does not call over or cover. But on the contrary answers the original finish so that its own sparkle and lustre comes back naturally. And smiles again.

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

Ten years of use has proved it. Try it on your own car. Common Sense may save you repainting.

Your Department Store or accessory dealer can supply you. Or send $1.00 direct to Common Sense Mfg. Co., 302 N. Wholesale St., Saint Louis

Cabet's "QUILT"

Makes Your House Like a Thermos Bottle

Keeps it warm in Winter and Cool in Summer by Insulation

CABOT'S "QUILT" insulates the whole house. It saves the heat in winter—saves from a third to a half of your coal bill. It keeps the heat out in summer, making the house cooler.

such dividends as Quilt in cutting down coal and doctor's bills and comfortable all the time. No investment that you can make will earn equal to twenty-eight layers of common building paper.

AMUEL CABOT, Inc., Manufacturing Chemists
8 Oliver St., Boston, Massachusetts
342 Madison Avenue, NEW YORK
Cabet's Concrete Stains, Concrete Wood Preservatives, Stucco and Brick Stains

The Minneapolis is old and installed by branch office in principal cities and 50,000 heating contractors.

Dependable automatic control is invariable on oil burners. The Minneapolis comes as standard equipment in heating walls.

The Husband Who Never Forgets—

Ten years of married life! Actually ten. And yet he is forever surprising her with little attentions, personal gifts and things for the home for her convenience and comfort.

One of the conveniences she values most highly is the Minneapolis Heat Regulator — installed to save her work and worry in cold weather. She never has to run up and down stairs to fix the fire; never bothers about drafts or dampers. The room temperature is always uniform without any attention on her part.


MINNEAPOLIS HEAT REGULATOR COMPANY
Established 1880
2790 Fourth Ave., St. Minneapolis, Minn.


Your New Home Need Never Have Garbage!

BUILD the Kerner into your new home and waste disposal becomes your easiest task. All waste—garbage, sweepings, broken glassware, papers and other forms of trash—is disposed of as rapidly as it accumulates, and without leaving the kitchen!

For the price of a good radio set (and without a cent of up-keep) afterward you eliminate forever those countless daily trips to rubbish pile and garbage can. You gain inestimable convenience and a new neatness of home and yard.

As the picture shows, all waste is merely dropped into the Kernerator handy hopper door. Falling to the brick combustion chamber in the basement, it is air-dried for occasional lighting. Everything is burned but tin cans and the like, which are flame-sterilized for removal with the ashes. The waste itself is all the fuel required.

The Kernerator must be BUILT IN THE CHIMNEY, hence it cannot be installed in existing buildings! Consult your architect—he knows and will recommend the Kernerator. Or write—

KERNER INCINERATOR COMPANY
1924 Chestnut St.
Milwaukee, Wis.

Drop all Waste—Then FORGET it!
Pay as you use it! Now! Liberal terms

Fits your present furnace
Install this new oil-burner NOW—Prices include installation

Oil-burners for the Smallest Bungalow to the Tallest Skyscraper

Now!—Modern oil heat

At a new, low price. Pay with what you save from coal burning. Clean, dependable, efficient—no coal-stoking, no fear of fire-failure. Get the book—learn the terms. Send the coupon!

THIS offers a famous new oil-burner, proved successful in thousands of large homes, now for the first time available for owners of 6 and 8-room houses, bungalows, 2-apartment houses. At a price and terms within the means of every purse.

* * *

For years oil heating of homes has been acknowledged the simplest, cleanest, most economical way to heat through the winter. But oil-burners had always been expensive to install. They were not adapted to small homes.

You asked us to make an oil-burner for your home. We did, and this tells the facts about it.

* * *

Of course you know of Kleen-Heet, the famous oil-burner that is in thousands of larger homes throughout the land today. Our engineers perfected that after years of experiment.

Then the demand came for a low-priced, efficient burner for small houses. So now we have developed it. It fits in any furnace, and the prices quoted include its installation.

Set once for all winter

With this new oil-burner all worry over heat is banished. When cold weather starts, set the thermostat in the living room. The burner, in the basement, automatically delivers all the heat you want, all over the house, without further attention.

Constant, controlled heat 24 hours a day! No early rising to start the furnace. No fear of fires dying with your wife alone in the house.

The flow of oil is automatically controlled in just the required quantity.

Now, even heat at all times—a great health factor, doctors say.

Now on liberal terms

This new oil-burner is moderately priced, and may be bought on terms which make it a wise economy not to own it. The lowest priced completely automatic oil-burner.

Suppose you now pay a furnace man $15 a month to attend your fires; and $5 a month to remove the ashes. That's $18 a month. If you do this work yourself surely your own time is worth what you would have to pay. In a large home you may be wasting time with a small or large portable, and you may be wasting effort.

This new oil-burner will be installed for a small down payment, and as low as $25 a month. Only $7 a month more than you actually save on the elimination of coal. Less than 25 cents a day—and no upkeep or maintenance whatever.

Now that the coal-bin is empty, learn about oil heating. See this wonderful new system for small homes. See the enthusiastic testimonials of thousands of home owners.

Then, instead of buying mostly coal, put that money into installing this burner in your home. Know a new comfort of body and mind.

Kleen-Heet

Automatic Oil Burning Systems

WINSLow BOILER & ENGINEERING COMPANY
208 S. LaSalle St., Chicago

Send coupon TODAY for Book of Facts

HEAVY CLEANING LIGHTLY DON

(Continued from page 81)

In order to have solid comfort out of the installed vacuum cleaner every room should have an outlet (lead- ing to the machine in the cellar) near the central part. The porches should have new connections, the halls, too, of course.

Here you see, you have nothing to push, except the electric button to start the motor and the nozzle. You have no four to twelve pounds to carry and wiel! So you do have heavy cleaning lightly!

Some years ago these stationary plants were considered unfeasable because the engineers did not quite grasp the pipe diameters for certain lengths and sizes; the pipes, etc., and near the cleaner you'd get lots of suction, and far from it practically no suction, but now you can discount all you used to hear, for the piping is now no longer a matter of conjecture.

 Naturally, anything installed is better done before the home is built, yet many systems are skilfully and easily put in long after the home is built.

The installed cleaners in a large home obviate carrying up and down stairs either the small or larger portable. Of course shipping costs making cleaning days simpler and quicker, and the things we do dread we do often better and quicker. You know how much oftener you use your electric suction cleaner than you use your broom! And even though the gap between the installed cleaner and the portable is not so great, yet the ease of operation of the installed type is far greater than the portable.

But the installed costs much more than the portable. So did plumbing cost more than the kitchen pump? It's all a matter of economy and comfort.

In a large home you may be wasting time with a small or large portable, and you may be wasting effort. You would have to spend hours often making cleaning unappall and irk- some. Yet, in large houses it is quite necessary to have a portable electric for use in the kitchen, garage, lodges, or other disconnected parts of the "place" or "farm". As we said above, the portable cannot be entirely super- se ded by an electric—unless some day a dust hating gas will be invented to annihilate cleaning day and all its irksome details.

THE COSTS

The cost is not excessive. The system lasts a lifetime when once installed and adds to the value of your property. Besides—the cost is as nothing compared to the higher degree of cleanliness and healthfulness. It is not nearly as elaborate as your hot air furnaces and plumbing, and so your house could not frighten and appall.

It isn't the dust you see in a dust bag that is so dangerous, it is the dust you don't see that is the arch commence of disease. You may missee seeing the dust in the bag, but you can always take a trip to the cellar and see much more dust collected, for the shrinkage of dust in this machine is far more ravenious because the air power is greater, and the gutter variations are more perfect than with any other mechanical cleaning system. If absolute cleanliness is possible, the build-in system should effect it.

In the rough cleaning and comparison between the installed cleaner and the portable you have the difference between the heavy and a hurricane gale of the suction. You have less bother, less weight, less adjusting, you have more suction and it can do more as it always has, all through cleaning and you will be less tired after the haul.

There is little danger now of the pipes clogging, which used to mill about the "bollie-in", because the pipe diameters are correct (2½ inches), and the clean out points frequent and available.

SOME THINGS TO DEMAND

1. Installation by experts who know variations of vacuum power in regard to length and breadth of usage in piping.
2. A machine that can operate at the cleaning centers without overloading.
3. A motor that operates without undue heating and fills all code requirements.
4. A separator, preferably dry type (which does not use the same water for wet recycle and back it up which screens dust, burns trash through flour connections, sending but an infinitesimal amount of dust into the outer air. The machines must be so made there must be no bags or trea- able sacks inside.
5. Inlet valves (in the base board) must be so fixed in a home that it is not to require hose in excess of 35 feet. Center the outlets for convenience.
6. Piping must be of the best. When necessary the pipes and "mists" are exposed. It is covered, or better to say, it goes under the walls. These pipes must be as smooth as a child's cheek, no nibbings, burrs, no lying in the corners, the pipe must be galvanized or coated with black paint.
7. No pipe line should be less than 2½-inch diameter except for short runs which may be 2-in.
8. Tools: These are best of aluminum or bronze. Handles of seamless brass, a steel tubing not less than 1½-in. in diameter.
9. Most concerns furnish: on floor handle, one wall handle (5-in. carpet renovator, 15-in. bare floor brush, upper floor cleaner, 10-in. wall brush, 5-in. round dust brush, 15-in. special bare floor tool, carpet brush tool, library brush, vacuum cleaner, flat brush, radiator cleaner and ruf cleaner.
10. Hose: (1) Never less than 1½-in. (Continued on page 116)
DO YOUR CURTAINs GIVE YOU ALL THEIR LOVELINESS?

Fine Curtains alone cannot produce beautiful window effects. The rods are almost as important; they make or mar a Curtain’s charm.

With graceful, scientific Bluebird Rods, Curtains give you all their loveliness. Rustless, sagless, economical, they come single, double, triple in lustrous Satin Gold and White Enamel. Easy to put up—packed with both nails and screws.


ROOKWOOD

While profoundly subscribing to the beauty of ancient art, preaches the gospel of contemporary expression for living peoples.

Call upon our exclusive representative in your locality or write to us.

THE ROOKWOOD POTTERY COMPANY
Rookwood Place, Cincinnati, Ohio

More ice-cream—less work

There’s no need to crush your fingers, too, if you use this ice-crusher. Just turn the handle and the ice is ground to the right size.

The ice-cream scoop empties the freezer with a minimum of effort, in neat individual portions for ordinary use. But for serving at the table, ice-cream moulds are needed—and every taste is satisfied by the large variety we carry, in all sizes and many interesting shapes.

An electrically operated freezer completes the equipment. We’ll be glad to send you more information about it.

LEWIS & CONGER
45th Street & Sixth Avenue
“A houseful of housewares”
HEAVY CLEANING LIGHTLY DONE

(Continued from page 114)

in, inside diameter, steel en-
forced with tapered metal termi-
nals. (3) Best quality rubber to
withstand all vacuum pulls, and
to wear well with long and
hard service.

11. Insist on tests regularly.
12. Insist on a year's guaranty of
performance, service and re-
placement of faithless parts.
13. Investigate already "going" in-
stallations and talk to owners.
Some large home owners wouldn't
think of a home without a b
cleaning system, with a small po
for certain uses; others use a
heavy-duty portable and push it
miles of floor.

As for us—we living in a
large house, we would not of
push a whole suction plant "up
and down stairs and in my
chambers." We should
have the plant in the cellar, an
blossoms of ease and comfort

ground!

THE EMINENCE OF MAHOGANY

(Continued from page 72)

miration, reflecting in its choice all
that is best of taste and hominess.

Then the mind sweeps in broader
crests, back again to your childhood.
You remember the beautiful old
mahogany staircase, the kaleidoscopic
figure of the mahogany doors and the
quieter glow of panels contrast-
ning with the soft tones of painted
woodwork. You remember your
childish wonder at the fascinating
change of light and shade, as the
doors swung on their hinges and
your questions as to what caused it and
why mahogany grew more beauti-
fiful with age. You remember, too,
the explanation that such was the
character of the wood; that ma-
hogany seemed to have a transparent
surface that apparently permitted
one to look into and not at it; that
the lovely contrast of light and shade,
shimmering and changing with every
different position of the door, was
due to the way the tree grows and
that the beauty that develops with
age is due to the action of light on
the wood itself. You recall being
told that mahogany alone possessed
these characteristics in a large way,
that it had been considered the finest
cabinet-wood ever since its discovery.

Nothing prevents the full realiza-
tion of such day dreams by persons
of moderate means. It is not
given to many, perhaps, to inherit
lovely old mahogany pieces from far
seemings abroad, and to still fewer
own examples of the handicraft
of the old masters. On the other
hand, there is no reason why we
should not buy genuine mahogany
pieces which, to our descendants, will
be the lovely old pieces of the then
long ago.

An ample supply, fifty million
board feet, of as good mahogany as
ever grown, comes to us annually.
Great cabinet-makers are at our command.
Furniture of as exquisite design and
excellent workmanship as that of
the old masters is available to us.

There are, however, a few facts
the buyer of genuine mahogany
should always keep clearly in mind.

Be sure that what you buy is
genuine mahogany, the source of
which lies in three tropical regions.
These are, first, the Gold, Ivory
and Nigerian coast of West A
third, the West Indian Islands,
and each should be used in that
portion of the world in which
it is given to many, perhaps, to inherit
mahogany alone possessed
these characteristics in a large way,
that it had been considered the finest
cabinet-wood ever since its discovery.

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tion of such day dreams by persons
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the old masters is available to us.

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the buyer of genuine mahogany
should always keep clearly in mind.

Be sure that what you buy is
genuine mahogany, the source of
which lies in three tropical regions.
These are, first, the Gold, Ivory
and Nigerian coast of West A
third, the West Indian Islands,
and each should be used in that
portion of the world in which
it is given to many, perhaps, to inherit
mahogany alone possessed
these characteristics in a large way,
that it had been considered the finest
cabinet-wood ever since its discovery.

Nothing prevents the full realiza-
tion of such day dreams by persons
of moderate means. It is not
given to many, perhaps, to inherit
lovely old mahogany pieces from far
seemings abroad, and to still fewer
own examples of the handicraft
of the old masters. On the other
hand, there is no reason why we
should not buy genuine mahogany
pieces which, to our descendants, will
be the lovely old pieces of the then
long ago.

A ample supply, fifty million
board feet, of as good mahogany as
ever grown, comes to us annually.
Great cabinet-makers are at our command.
Furniture of as exquisite design and
excellent workmanship as that of
the old masters is available to us.

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These are, first, the Gold, Ivory
and Nigerian coast of West A
Roof attacked with Cabot's Creosote Shingles, walls finished with Cabot’s Old Virginia White. C. E. White, Jr., Pomeroy, Architects, Chicago.

Preserve and Beautify
Shingles, Siding, Boards and Timbers with

Cabot’s Creosote Stains

Beautiful Coloring—Cabot’s Stains are rich and transparent, coloring the wood without covering it, as air colors cloth. They bring out all the beauty and variety of the grain and texture.

Preserve the Wood—They are made of genuine refined Creosote, “the best wood preservative known,” which penetrates the wood and protects it against decay and insects.

Low Cost and Easily Applied—Cabot’s Stains cost less than half as much as paint and can be put on twice as quickly, halving the labor cost. If skilled labor is scarce, apply them yourself; any intelligent person can do it.

Cabot’s Old Virginia White

The ideal stain for white houses, whether of wood, brick or stucco. As bright and clean as new whitewash and as durable as paint, but with no “pasty” look.

Cabot’s Double-White

Two coats equal to three of white lead, and much whiter.

You can get Cabot’s Stains all over the country. Send for sample of wood stained with moss-green, hungarian-brown, silver-gray, bluestar and many other shades, and name of nearest agent.

SAMUEL CABOT, INC., Manufacturing Chemists
8 Oliver Street Boston, Mass.
24 W. Kinzie Street, Chicago
525 Market Street, San Francisco

Building a Home?
Then Send for This Booklet

Send for the Happy Solution.
It is about heating.
What, why and how to.
Not any one system, but just the facts you want to know about all of them.
 Plenty of illustrations.
No technical descriptions.
Everything told in a simple, every day kind of a way.
It is called The Happy Solution, because that’s really what you will find it to be. Costs you but a stamp. May save you many a dollar.

Quaint Lanterns Newest in Lighting

More people see the outside of your home than see the inside and more thought is given to outside illumination. For this purpose the newer style is quaint lanterns—enticing designs that reflect the good taste of the owner.

There are numerous appropriate places to put them—the doorway, of course, along the driveway, rear entrance, garage, garden, and other vantage points which one’s good taste instinctively suggests as appropriate.

And besides their decorative value lanterns front and rear offer an element of safety—they are silent sentinels in the night, friendly to friends and forbidding to enemies.

Send for illustrated folder. “Light Outdoors” illustrates and describes Novelty lanterns and shows where to place them. Send for it with our compliments.

NOVELTY LAMP & SHADE COMPANY, 2094 E. 22nd St., Cleveland, Ohio

Keep Sandwiches Fresh—Beverages Cold
Anytime—anywhere in your

Hawkeye Basket Refrigerator

Just lift the lid—that’s all—and every delicacy of your home kitchen, anything you like, kept fresh and tasty—your favorite drink ready for you and cold too—for 14 hours with one pound of ice.

Know the pleasure of these things on more trips—when camping, yachting, fishing, hunting—when anywhere in nature lunch notes good.

See the new styles at your dealers—if not in stock send $1.50 (postpaid) for Everybody’s delivered. $2.50 West of the Rockies and in Canada. Money back if not satisfactory.

Ask for a copy of “Where to Go and What to Eat”—an interesting booklet of touring information together with wayside and camp lunch recipes. Free on request.

BURLINGTON BASKET CO.
810 Hawkeye Bldg., Burlington, Iowa

BURLINGTON BASKET CO.
1810 Hawkeye Bldg., Burlington, Iowa

Burlington, Iowa

Please send postpaid new booklet “Where to Go and What to Eat” with full particulars about different styles of Hawkeye Baskets.

Name
Address
City

You Need and Will Enjoy

Hawkeye Household Baskets
Decorative and Useful

to Your Every Basket Need

IRVINGTON

Canadian Office
Harbor Commission Bldg., Toronto

Ymca, 1924
This screen door never slams!

A SARGENT Door Closer 520 attends to that—faithfully, unfailingly the whole summer through. You can see it here at the top of the door, so small in size that few who pass this way ever notice it, unless they seek the reason for such an unusually quiet screen door. Unobtrusive it is—a mere handful—but remarkably strong.

Put Sargent 520's on your screen doors—front and back—right now. Put them there and forget about them till storm-door time. Then when you are transferring them to the winter doors, you can add to the incalculable sum of silence and convenience rendered, a tangible saving in wear and tear on the doors. They save doors.

The cost of this small Sargent Closer is most moderate and it is easily applied. In many modern homes it is also used on light interior doors that should be closed—the down-stairs lavatory, cellar, back stairs and refrigerator room doors—closing them silently and surely and keeping them shut. Write for descriptive folder.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street
New Haven, Conn.
Decorating or redecorating one's home may readily be planned by correspondence where the owner lives at a distance from New York. Illustrated Brochures mailed on request.

Ethel A. Reeve, Inc.

INTERIOR FURNISHINGS

East 46th St. Telephone New York City 9160

Table 7 feet long, 32 inches wide—$80.00. Benches 6 feet long—$50.00

Miss Gheen, Inc.

DEcoration of Houses

Genuine Reed Furniture

An entire building devoted to the art of manufacturing Sun Parlor Furnishings Exclusively.

Our large and unusual display offers many suggestions in selecting distinctive designs and colors to suit your individual taste.

Imported fabrics of the latest creations

Highest Quality - Most Reasonably Priced

Free catalogue No. 1 on request

50 page illustrated color type catalogue No. 2 showing Reed and French Caned Furniture in actual decoration sent upon receipt of 50 cents postage.

THE GRAND CENTRAL WICKER SHOP, Inc.

224-226 East 42nd Street, New York City
Save Hundreds of Dollars!!

Whether you intend to furnish a new house, or only to "do over" a room or two, your desire is to achieve the maximum of beauty and comfort without wasteful expenditure of money. Nothing can help you in this respect as much as the information given by the ARTS AND DECORATION PRACTICAL HOME READING COURSE IN INTERIOR DECORATION.

A beautiful home is achieved much more by knowing how than by knowing what. This course will give you absolutely authoritative and thorough knowledge of the essential principles and facts of the art of Interior Decoration, it may easily save you hundreds of dollars, perhaps thousands. And add enormously to the pleasure your planning and purchasing will give you.

A PROFITABLE PROFESSION FOR THE AMBITIOUS MAN OR WOMAN

This course gives thorough preparation for the practice of Interior Decorating, one of the most fascinating and lucrative of all vocations. A reading course in Interior Decoration is the most profitable kind of preparation for the practice of Interior Decorating. It is absolutely necessary to have the information and authority to plan and purchase for others to do the work you have been trained to do. No other profession offers such high returns for so small an investment of time and effort.

Send for free booklet describing course in detail. It will interest you greatly.

ARTS AND DECORATION

43 West 45th St., New York, N. Y.

SERVICE TABLE WAGON

Saves Thousands of Steps

(1) Has large broad Table Top (20x30 in.)
(2) TWO Undershelves (in transit ALL the table dishes in ONE TRIP)
(3) Large center pull-out Drawer
(4) Double End Gliding Hamper.
(5) Equipped with four (4) Rubber Tired "Scientifically Silent" Swivel Wheels
(6) A beautiful extra glass Serving Tray.

Write for descriptive pamphlet and dealer's name.

THE COMBINATION STUDIOS

504-G Cannon Blvd., Chieano, Ill.

A HOUSE OF GRACEFUL DISTINCTION

(Continued from page 48)

cross part of the T is principally given over to the service. From the south east corner of the garage a wall extends to the street, shielding the service entrance from the entrance lawn. Behind this wall are planted a row of Lindens whose symmetrically crowned heads would eventually grow into a solid mass of foliage to show effectively over the top of the wall.

The entrance hall, with its interesting shape, leads into the living room down a short flight of steps; it further leads into a study which might otherwise serve as a room to hold such outdoor toys as velocipedes, bicycles, roller skates and wagons which might else clutter up the entrance, from the right it leads upstairs and off into the service passage. Although the whole house has been kept within fairly small dimensions the living room has been made very

A HOUSE IN THE ENGLISH MANOR

(Continued from page 51)

the room arrangement had to be

from any room to the staircase without going through another room, while the service is an integral part of the house, circulation and necessary areas may be accommodated without the slightest inconvenience.

For rainy weather there is a door from the hall, through the service entrance, to the garage.

Upstairs three large bedrooms, one small one have been provided, with two baths and adequate storage space.

A HOUSE OF SUNNY ARCHITECTURE

(Continued from page 52)

that of the terrace, which leads into the entrance hall, and the main entrance gateway in the street wall. Its paths are paved so that it can be used at all times and its beds are filled with plants which flourish in flower or foliage throughout the year.

As may be seen from the elevations and plans on page 53 the house rises to a two story height only over a comparatively small section. In the case of the Living room, which is in one story wing, the wooden timbers of the roof are left exposed inside. By keeping the house long and rather narrow it has been possible to get cross ventilation in most rooms of the first floor. A feature of the service section, the floor is the semi-enclosed porch is used as a laundry and storage space. Off of this one main's room and bath and the family room. From the latter the way leads to the dining room through the service entrance. It has been possible on this floor to get an additional bedroom.

Upstairs there are two bedrooms, two baths, a sleeping porch, a unusually commodious closets.
1924

DIRECTORY of DECORATION & FINE ARTS

WEATHERVANES
BY TOLDAuNTER

A New Collection of Unusual Design

Illustrated booklet upon request

414 MADISON AVENUE, NEW YORK

Oriental Rug Gems

are scarce; twenty imported
this year. While new rugs are
always available, it requires
forty years to mature good
rugs. Furthermore what
we know as Antique Quality
is not made now.

For those who crave the best,
I have old gems vibrant with
glinting colors, thick, soft, un-
treated. I recently inspected
rugs offered in regular trade
channels in four large cities
and saw but one rug of merit.
Gem rugs are not offered
through regular trade channels
perhaps because they must sell
at too small a profit. But rug
dealers do buy from me for
their own use.

Send for descriptive list, then make
your order for rugs on approval
for inspection at my expense.

L. B. Lawton
Skaneateles, N. Y.

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,
$19.75.

For the more formal room, The Bon Marche-
Large sturdily built, down-cushioned, up-
holstered in damask or velvet. Carved legs
of mahogany or walnut finish. Regularly
$48; now specially priced at $33.75.

EDWARD R. BARTO & CO.
Interior Furnishers & Decorators
775 Lexington Ave., New York

STUDY
INTERIOR DECORATION
AT HOME

Complete home study instruc-
in the use of period styles,
harmony, composition,
ed., curtains, wall treat-
mants, furniture arrangement,
etc., at once. Send for Catalog H

NEW YORK SCHOOL OF
INTERIOR DECORATION
35 W. 49th Street, New York City
Established 1916

FOUNTAINS
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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CRYSTAL, IRON & BRONZE ANTIQUES
REGISTERED
From Gorham Furni-
ture.

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Lexington Avenue at 34th Street
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FOUNTAINS

- boudoir and other interesting oraments (many also suit-
for interior use) will be found
illustrated Catalogue Sent on Request

We make unusual fixtures—Con-
deletries. Wall Brackets and Lau-
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CRYSTAL, IRON & BRONZE ANTIQUES
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ture.
ON HOUSE & GARDEN'S BOOK SHELF


In the little work of more than fifty years ago are found, in addition to the charm of naivety and fine spirit, ways in which we are in keeping with the open countenance of the nice old lady whose face in portrait graces the book, more good sense and modernity than perhaps a number of other books that do not partake so much of the character of pioneers. Better than some recent writers even she urges that tulips may be planted late in the month of October or early in November was the time in her garden on the Hudson. This, remember, was long before the days when the counterfeits and varieties of plants in which hybridization has of late made wonderful advances. But the practical advice about training and caring for the plants and garden flowers is sound and all is given in the same charming style, pervaded throughout by intimate and emotional personality. Particularly excellent is the handling of the general subject of Propagation.

A


It is almost a miracle that so splendid a book on the subject has been written by a professional landscape architect. Even in giving minute directions for the practical management of multitudinous little and ephemeral flowering plants that the designer and constructor of grounds is commonly supposed not to bother with, he makes but few mistakes and rarely comes short; his most serious error is one that really belongs to his own field, for of course lime should not be mixed with bonemeal and manure, as he advises. He gets away as far as is possible from the professional attitude of the landscape architect, rather successfully, and reveals first-hand experience, actual knowledge that make the volume reliable, complete and in every way satisfactory. The chapter entitled The Artistic Side of Gardening with Annually is a valuable contribution to horticultural literature; in it is shown how a striving for the single color scheme may involve the sacrifice of what would otherwise be desirable. A score and a half of color schemes are concisely outlined and with them are found directions about what to avoid in color arrangement.

Mexico has been somewhat overlooked in the study of American Architectural styles. Since Mr. Baxter's great work on Spanish Colonial Architecture, no better book on a subject has been published than Alfred C. Bossom's "AN ARCHITECTURAL PILGRIMAGE TO OLD MEXICO, a most varied and interesting collection of drawings and photographs. Of course, Mr. Bossom's not a history of Architecture in Mexico, but merely a compilation of motif's that may suggest to American architects new departures, many of which are in the Andalusian fashion, although there is a great expanse of Aztec, Zapotec, or European methods of design. The Andalusian fashion is supposed to have been influenced by the Aztec, Zapotec, or European methods of design. The Mexican Villas are architectural studies of the original buildings of ancient Mexico and are considered to be of particular interest to American architects.
BRAND’S
‘GOLD MEDAL’ PEONIES

At the 1923 National Show of the American Peony Society, in competition with growers from Massachusetts to North Dakota, the Brand Peony Farms was awarded the three highest prizes in the gift of the Society, viz:

1) Gold Medal on finest collection of one bloom each of not more than 100 varieties.
2) Gold Medal on that magnificent new white seedling peony—Mrs. A. M. Brand.
3) Silver Medal on that wonderful new pink seedling peony—Myrtle Gentry.

In addition to the above prizes and two “Awards of Merit” by the Society, competent judges declared the Brand Peony Farms exhibit to be the greatest display of new peonies ever shown by any originator.

You will want to plant roots from this prize winning stock—the most beautiful contributions to the peony world—therefore, let our “Peony Manual” be your guide. It is the largest, finest and most up-to-date work ever written on the peony, devoted almost entirely to that flower, giving its history, varieties, culture, etc. Free to those purchasing roots, otherwise 50c.

The delights of a beautiful hardy border are within easy reach of all. Old-fashioned garden favorites as offered below are easily grown from Seed! And by sowing these seeds during July-August you will have by fall stocky plants, ready for spring bloom!

Twelve Favorites for Everywhere

Liberal Dreer packets holding high vitality seeds bound to grow if sown correctly:

Dianthus (Pheasant’s-eye Pinks); Sweet William; Gypsophila (Baby’s Breath); Sweet Rocket or Dame’s Violet; Digitalis (Foxglove); Golden Coreopsis; Agrostemma (Rose of Heaven or Mullein Pink); Delphinium (Blue Butterfly Larkspur); Oriental Poppy; Lychnis (Jerusalem Cross); Gaillardia (Blanket Flower); Aquilegia (Columbine).

A packet of each of the above collection of 12 splendid Hardy Perennials, postpaid, for 50c.

Dreer's Midsummer Catalogue
continues to serve home gardeners as a reliable source of information on what to do in the garden NOW! Offers seeds for present sowing. Bulbs for fall planting, pot-grown Strawberry Plants, etc. If you are not on our mailing list, please ask for your copy.

HENRY A. DREER
1306 Spring Garden St.
ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 122)

hand, the Aztecs, Toltecs, Zapotecs and so forth, lavishly decorated the whole surface of their buildings, as the Teotihuacan, Tula, etc., fully testify. The only really indigenous influence at all discernible is revealed in the stone carvings of earlyumannas. The Tula can be therefore safely affirmed that in Mexican Colonial buildings, native craftsmanship, but not native architecture, is apparent.

Mr. Bossmo calls due attention to the iron balconies and grilled, nail-

PLUGS AND CONVENIENT OUTLETS

Because folk make inconvenience outlets out of their convenience outlets and plugs, and because builders need a little “talking up” in order to attain right electrical comfort, this very short story about a lengthy subject is written. It is not necessary to use your lamp socket for other connections, because: 1. You can have convenience outlets anywhere at little cost; 2. You ran the chance of overburdening your electric circuit and melting the fuse; 3. You risk breaking your electric lamp, which, in almost six weeks of taking on and off, costs you more than your electric energy; 4. You waste time in “offing” and “onning,” the lamp, to say nothing of effort. 5. You disarrange the wires unnecessarily and spoil the adjustments.

It is computed that you use the vacuum cleaner 135 hours a year—or about 500 times a year. If your convenience outlet (or receptacle) is known or wait high, think of your release from stretching to chandeliers heights!

There should be at least eleven or twelve convenience outlets, for the usual run of electrical appliances, yet, if you are wise, you’ll have more, to take care of other devices for later-day necessities. Remember that when a convenience outlet is not being used you are not consuming electric power. I will list below a few devices that should be hospitably received, and by that, I mean taken care of, so that there is ability in the outlet to carry the wattage and current of the appliance to avoid melting fuses.

Now if you have your waffle iron, using 600 watts, on an electric light circuit with one or two lamps lit, you will have to make the acquaintance of a new fuse for the old one will “pass out” because his circuit has been “put upon.” He acts like any over-used friend!

One must not carry the wattage and current of the appliance too far, or about 500 times a year. If your convenience outlet (or receptacle) is known or wait high, think of your release from stretching to chandeliers heights!

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Hence, be sure to have special convenience outlets, for no odd-lighting circuit can take care of 500 to 660 watts, without some addition problem. Look at your appliances and see what wattage they require—then add and hastily shut on the overload, and you have burdened circuit—cottage is a fraction of house power, lifting power. If you pull it too hard it will snap, because it is too weak. If you wish, the circuit—if geared for 660 watts—will rebel against more load or pull down.

Ordinarily the sockets have wattage—250 volt or 660 volt—volt capacity. The plug used to be in one: now the plug is in two parts, a screw receptacle base and a cap with contact blades, fitted to connect slots, in the receptacle. Ordinarily, in the latest plug the tip of the screw plug is free to turn or swivel, permitting the plug to be easily screwed into one of the sockets without twisting the cord. This is the plug to get.

The two parts plugs are made by: contact blades projecting from the plug cap either parallel (in line), The first way, parallel is more usual.

Now the convenience outlets receptacles are made in T shape so that they fit these plugs whether the blades are tandem or parallel. Moreover, the receptacles come one or more sets of T’s—no matter how many. You will have T for three or one or two, again, you must be careful not to overload the circuit, for in these late-day comforts, you need have grey matter and a bit of element arithmetic for ease and happiness. Now convenience outlets are made which are “buttoned” and key kept you acquainted with what is current doing, whether it’s on or off, etc. Some of them even have buzzers to warn you so that no rent need be wasted.

APPLIANCE

Average wattage

Vacuum cleaner

135

Washing machine

83

Iron

120

Fan

50

Sewing machine

120

Portable lamp

400

Percolator

105

Toaster

75

Grill

50-70

Waffle iron

50

Curling iron

65

Radiant heater

70-140

(Continued from page 122)

HOME owners, park commissioners, nurserymen and golf course experts in all parts of the country have accepted the new improved DOUBLE ROTARY as the standard of excellence in sprinklers. For keeping growing things luxuriantly green and healthy, this sprinkler of improved type has proved itself next best to nature’s showers. Sprinklers “like a gentle shower” over an area of 15 to 80 feet, according to water pressure. Water is forced against the wheel and cut into drops like rain, Durably built of interchangeable parts. Self-operating; needs no attention. Saves time and labor.

Order on Approval. The DOUBLE ROTARY is sold Direct from Factory on Satisfaction or Money-Back Guarantee. Price $12.50 postpaid anywhere. Order from this ad on approval. If not satisfactory in every way, return sprinkler and your money will be refunded. Descriptive literature on request.

DOUBLE ROTARY SPRINKLER CO.
1210 Coca Cola Bldg.
Kansas City, Mo.

DOUBLE ROTARY SPRINKLER Next Best to Rain

EVEGREENS about the house give the comfort of an added regard for the new building. On the whole stress on “the charming irregular” of facades, which moreover alludes to a greater freedom in the interior planning of a building. On the whole work is certain to have great influence in the future Architecture of America.

EL MARQUIS DE SAN FRANCISCO

HICKS NURSERIES
BOX H, WESTBURY, L. I., NEW YORK

Evergreens for Summer Planting

AVERAGE WATTAGE

APPLIANCE

Average wattage

Vacuum cleaner

135

Washing machine

83

Iron

120

Fan

50

Sewing machine

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DOUBLE ROTARY SPRINKLER CO.
1210 Coca Cola Bldg.
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DOUBLE ROTARY SPRINKLER Next Best to Rain

EVEGREENS about the house give the comfort of a milder climate by diverting the cold north winds and holding the heat of the winter’s sun. Low Evergreens give a luxurious appearance far in excess of their cost.

Summer planting with Hicks Evergreens is just as successful as spring or fall planting; the trees have been prepared for it. We have perfect specimens in all sizes (even 20 feet high) that are guaranteed to grow. Why wait? Now you have the time; you can see just where they should go, because the surrounding trees are in full foliage; by this contrast you can plan an allee your landscape.

Come to the nursery (or write us), tell us your desires and let us decide the plan. We will order any size and number of trees you desire. Our Nurseries are now in full bloom, offering you the best specimens of Flowering, Shade and Evergreen trees and shrubs.

You can do as well as they did.

HICKS NURSERIES
BOX H, WESTBURY, L. I., NEW YORK

50-70

Waffle iron

50

Curling iron

65

Radiant heater

70-140

(Continued from page 122)
Shapely Evergreens for August Planting

More and more people are becoming enthusiastic over August planting. We have thousands of large Evergreens ready for immediate shipment. They have been growing in our ideal nursery soil from twenty to twenty-five years. Every few years, they have been transplanted. This repeated root pruning has produced marvelous root systems, prepared for safe moving to your grounds.

Our Landscape Service

has helped many to beautify their homes during the past quarter century. If you need a planting plan, we make it for a very reasonable charge. We invite correspondence on planting problems. Visitors welcome, except Sundays. On the Sawmill River Road 1.4 miles North of Westchester Co. Alms House.

Acres of Peonies Autumn Booklet

Nearly 200 varieties, all carefully selected, embracing a full range of colors, a long blooming period and a variety of forms—single, double, etc. Rosedale Peony Plants are produced marvelously root systems, prepared for safe moving to your grounds.

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Breck’s Irrigator—a new watering device that will do whatever you ask of it in the way of sprinkling or irrigating. Its fifty feet of flexible hose, fitted with spray nozzles, waters any area on your grounds thoroughly with a minimum of labor. It can be transferred easily from one place to another. It lies perfectly straight along a hedge, or coils itself around a flower bed. In one or more lengths, it makes an admirable watering system for golf greens.—no moving parts to get out of order. And it can be rolled up just like a piece of hose and put away.

Breck’s Estate Roller Mower is a wonder for especially fine, medium size lawns.

Write Today for handsome free book describing mowers, pictures of many beautiful lawns, printed testimonials of many prominent users.

Breck’s Irrigator

(see page 17 for full description)

For lawns, flower gardens, golf greens, vegetable gardens and shrubbery.

Breck’s Estate Roller Mower

FOR EXTRA FINE LAWNS

Send for descriptive circular G

“50 Feet or 100 For Gent Service”

JOSEPH BRECK & SONS

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Farr's Perennials

Have a message for you. They speak to your heart. There is a magic in their perfume more powerful than that in all the censers of the East. You must grow them to get their message.

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Better Plants by Farr describes the most desirable Peonies, Asters, Canterbury Bells, and other perennials, with many worth-while shrubs. May we send a copy? It's free.

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Wyomissing Nurseries Co., 106 Garfield Ave., Wyomissing, Penna.
Pottery that is a Part of Your Garden

The landscaping of your garden becomes most beautiful when it is in strictest accord with the architecture of your home.

The rich Old Ivory or Plymouth Grey tones of Wheatley Garden Pottery in authentic architectural designs are the artistic complements of town house or country home.

Write for catalogue showing 200 different designs of bird baths, jardinières, fountains and boxes.

Drinkers Write for Interesting Proposition and discounts on

GARDEN POTTERY
FAIENCE TILE

The Wheatley Pottery Company
4617 Eastern Ave.
Cincinnati, O.

238-240
Approx. net weight
80 pounds
$10.50
Price Complete $15.00
Approx. Weight 125 lbs.

No Fear of Dry Weather

The Skinner System of Irrigation is perfectly simple to install and operate, and is adaptable to large or small gardens.

In the vegetable garden the pipe is supported horizontally by iron posts, which are made decorative by training sweet peas or climbing roses over them—or some prefer the more elegant arbor fences.

Proposition and discounts on pottery that is in strictest accord with the architecture of your home.

Write for catalogue showing 200 different designs of bird baths, jardinières, fountains and boxes.

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Wickwire Spencer patent fence, clamp construction, gives perfect alignment—every wire held solidly. The fabric is hot galvanized after assembling, giving it a thorough coating of zinc that makes the fence rustproof and gives it added strength by soldering every clamp in place. Excelsior Rustproof Ornamental Wire Fence answers the demand for a combination of artistic attractiveness, strength and absolute protection.

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Fence Department
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The Sprinkler with Brains

The wonder two-nozzle sprinkler—best for lawns any size. Sprinkles in two directions at once or concentrates wherever you want water. Gives a gentle mist, a soaking rain or a light shower—all at your instant command. Each nozzle a sprinkler with complete range of direction, distance and volume. The best sprinkler made. Instantly set for whirling or stationary sprinkling. Made to last for years. Wonderful non-wear bearings. Fully guaranteed. $3.50 at your dealers or sent postage prepaid.

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Crockers Building, San Francisco and Tropico Pottery, Inc., Glendale CALIFORNIA

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ALPHANO
Takes Place of MANURE
Odorless. Powdered. Rich. No weed seeds. Easy to use. Reasonable in price. Will make either sandy or clayey soils fertile. Not only a plant food, but nature's natural soil builder. Sold with a guarantee that is a guarantee. Four one hundred pound bags for so little as $5. Shipped direct from the deposits at Alphano, N. J. Send for circular.

ALPHANO
For Your Lawn and Garden

HARMONY

Improve and Beautify Your Lawn
by using a “Clean Edge” Trimmer on the borders and edges
A TIME and LABOR SAVER—WORKS LIKE A SHEAR
Mows around trees, shrubbery, walks, and edges. No cutting of turf or preparation of any kind required. A necessity on even the smallest lawns.

Price $9.50
The Heimann Trimmer Co.
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They Give Character To Small Homes

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For sound, restful sleep that comes with perfect relaxation of muscles and nervous, equip your beds with ENGLANDER Coil Springs. So softly does this resilient spring yield to the form of the body, that to sleep on it is “like sleeping on a pillow.” Sag-proof. Guaranteed to give years of service. Uncovered—therefore sanitary. Made to fit metal or wood beds. Write for name of nearest dealer.

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There is lasting, permanent beauty in Norco Cut Glass Switch Plates. Made of heavy, mirrored plate glass, they cannot tarnish or grow dull. Like tiny, beveled mirrors they add a touch of real distinction to walls. In complete harmony with every color and material of wall surface. The touch of a cloth keeps them shining. Ask your architect about Norco Cut Glass Switch Plates—the crowning touch to beautiful interiors. Write for illustrated booklet.

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