Fighting the wolf of winter

The wolf whose cry is the howling wind—

The wolf that preys on children's health
and gnaws at the feeble heart of age—

This wolf of winter the American Radiator Company
has been fighting for more than thirty-five years.

Out of the Company's Institute of Thermal Research
have come the most perfect protectors against
the cold which engineering science has produced—the
IDEAL TYPE A HEAT MACHINE and American Radiators
for larger homes; ARCOLA and American Radiators
for smaller homes.

Where these stand guard the wolf howls in vain.
They maintain a summer warmth through the coldest
hours and pay for themselves in the fuel they save.

Eevery reader of
House & Garden is in­
vited to have an attrac­
tively illustrated book
that solves the home
heating problem. Merely
check the coupon and
mail to the nearest
address.

American Radiator Company
Dept. 23
Send me without
obligation one of your
illustrated books.

Name: __________________________
Street: _________________________
City: ___________________ State: _______
Number of rooms in my home: ______

American Radiator Company
Ideal Boilers and American Radiators for every heating need
104 West 42nd St., New York Dept. 23 816 So. Michigan Blvd., Chicago
Home—An Asset—A Real Character Builder—The Spirit of
Individual Freedom

A home is the best investment you can make, and it will yield the biggest returns on your money.

It creates a feeling of assurance and independence. It is an asset upon which you can raise money in times of financial stress. It is the big step toward future happiness and success.

To own your own home is a duty you owe your wife and children, and last but not least you owe it to the Community in which you live.

Finally, the man who invests in a home is richer, not only in dollars and cents, but greater still—in peace of mind.

Before You Build

we want you to know the merits of

Bishopric Stucco and Bishopric Base

The Ideal Interior and Exterior Wall Construction
WHAT IS IT WORTH TO BE SURE?

Behind the Goodyear Tire you buy today is a tire-making experience that is perhaps unequaled in all the world.

More than 45,000,000 Goodyear Tires have preceded yours.

Over a period of nearly a quarter of a century these millions of tires have been put to test by the public.

You know how well they have served.

The reputation that is Goodyear's today could have been won by nothing less than extraordinary quality.

The sales, larger this season than ever before, could be the result of nothing less than a product of indubitable worth.

That product has never been so good, never so serviceable, as now.

You are sure of extreme mileage, comfort and freedom from trouble when you buy Goodyears.

Such assurance has a very definite value.

Yet you get it in Goodyear Tires for no more than you are asked to pay for many other tires.

You get it in larger measure now than at any previous time.

You get it at lower cost than ever before.
WHEN you settle into the deep cushions of the rear seats of the Studebaker Big-Six four-passenger Speedster, you experience complete comfort—the gratifying comfort of your favorite armchair.

The division of the rear seat by a large upholstered arm rest and the extra leg room provide an opportunity for perfect relaxation.

The front seat is tilted at the exact angle which provides the most restful support for the back. And there is a roominess that will appeal to all who appreciate fullest comfort.

The two extra disc wheels do not obstruct the spacious trunk at the rear, but are mounted in the front fenders, out of the way of the doors. These extra wheels, complete with cord tires and tubes, are included in the regular equipment, without extra cost.

This four-passenger Speedster gives you style, solid comfort, complete equipment and a chassis whose endurance, performance and dependability have satisfied thousands of discriminating owners the world over.

 MODELS and PRICES—f. o. b. Factories

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This Is a Studebaker Year

The Studebaker Corporation of America
Detroit, Michigan South Bend, Indiana Walkerville, Canada

In addition to the trunk and two extra disc wheels [with tires and tubes], the Speedster carries as standard equipment handsomely nickel-plated bumpers, front and rear; a courtesy light at the driver's side; tonneau light with 10-foot extension cord; one-piece, rain-proof windshield with windshield wiper; parking lights and massive head lamps—all included in the list price, $1985, f. o. b. Detroit.
A mirror for every room

There is something mysteriously charming about a mirror—something that cheers a room and makes it smile in spite of shadows. A mirror catches the spirit of a room, reflects its humor, mellows its lights and shadows.

Delightful possibilities lie in the judicious placing of mirrors. Try, for instance, hanging a mirror in a dark corner and observe the magic it works! The room seems fairly transformed as the mirror catches the eye and blinks mischievously from its corner.

A mirror in decoration has three purposes—to reflect light, to repeat objects or to enlarge a room. The skillful decorator makes the most of these possibilities. A mirror here or a mirror there adds the touch that makes a room a complete artistic picture.

Although mirrors have been used in decoration for centuries, the mirrors of today have reached a degree of perfection never dreamed of by the first mirror makers. There are no better mirrors made today than those made right here in our own country. Perfectly smooth surfaced and clear plate glass is selected and the silvering is done with painstaking care. For brilliance, crystal-clearness, perfection of workmanship and the quality of true reflection, plate glass mirrors made in America are unsurpassed.

In planning a home, there are many places where plate glass mirrors can be built in—such as closet doors, bathrooms, mantels, mirrored doors, and many other places you can think of. Consult your architect about it and have plate glass mirrors included in the specifications.

Use Plate Glass for:
- Table Tops
- Dresser Tops
- Windows
- Shelves
- Windshields
- Closed Car Windows

Nothing Else is Like it

PLATE GLASS MANUFACTURERS of AMERICA
AMONG the ever-changing exhibits at the Hampton Shops are many such rare antiques as these. This tapestry is one of the finest of the Gobelins, made early in the XVII Century and is a delightful background for the old walnut table with its carven claw feet and ends decorated with the arms of its original owner; grouped with chairs of walnut, darkened by centuries of use, but still covered with their precious XVII Century velvet, while the old Spanish treasure chest has many locked and secret compartments.

The vast resources which the Hampton Decorators put at your service include the planning and development of distinctive, livable interiors, the collection of antiques, the making of reproductions, and the designing of adaptations to meet the needs of your social life.

Hampton Shops
18 East 50th Street
Facing St. Patrick's Cathedral
New York
Decoration - Antiquities - Furniture
DEMURE PRISCILLA MULLINS packed her linen in a Mahogany chest on the day she became Mrs. John Alden.

Choleric old Pietrus Stuyvesant signed his famous manifesto against the Swedes on a sturdy Mahogany table.

Lord Baltimore tied his lace cravat before a Mahogany mirror on the day he gave "equal rights to all men" at St. Mary's, Maryland.

In fact, in all the Colonies dotting the long Atlantic coast line, wherever there was pride of birth and the self-determination to establish a home, there was found Genuine Mahogany, the possession of which indicated good taste in the Colonies, just as it does today.

So well and artistically did Colonial furniture makers build, that replicas of their work are and will remain the favored furniture for the modern home. Colonial furniture is enjoying a renaissance at the present time. Ask your dealer to guarantee that what you buy is made of Genuine Mahogany.

If you are building a new home or remodeling an old, bear in mind that Mahogany Interior Trim most truly reflects the Colonial atmosphere and forms an appropriate background for your Mahogany furniture—at practically No Additional Cost over that of any other cabinet wood. If you or your architect are doubtful of these facts, write for substantiating figures, based on actual construction costs.

Our folder, "Mahogany in Colonial Days," is ready for free distribution and will be gladly sent upon request.

MAHOGANY ASSOCIATION, Inc.
1133 Broadway (St. James Building) New York City

After all—there's nothing like

MAHOGANY
Mr. Otis Skinner
Selects Curtains of Quaker Filet Grandee for His New York Studio Apartment

In the decoration of his home, Mr. Otis Skinner has shown the same masterly appreciation of values which has given him his enviable place on the American stage. The sure, sensitive touch of an artistic nature is apparent in every detail.

For the windows of his immense studio living room, Mr. Skinner has selected curtains of Quaker Filet Grandee, whose picturesque old-world air reflect the rich dignity of the room.

Booklets That Will Help You

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

Quaker Lace Company
Specialists in Drapery Nets
Wholesale Salesrooms:
890 Broadway, New York

The single curtain of Filet Grandee below, and the small actual size insert of the mesh, to the right, show the rich quality of Filet Grandee obtained by hand-finishing. Other Quaker Window Nets are Casement Craft Lace, Shantung Net, Tuscan Net, Sampler Lace.
Is the house in which you live merely a shelter and a place to sleep, or is it really your home—an expression of your individuality?

Perhaps nothing gives as many opportunities for stamping one's personality on the home as the tasteful and harmonious use of color and decoration. And on the background for all the furnishing in a home—the walls—Sanitas Modern Wall Covering offers a greater scope and is more adaptable to effective and individualistic treatments, than almost any other material.

Sanitas comes in styles for every room in the house—beautiful decorative effects, reproductions of tapestry, leather, grass-cloth and fabrics, and in dull-finished tints that can be used plain, frescoed, stenciled or stippled. It has a beauty that is unique and quite distinct from that presented by any other wall covering. Sanitas is made on cloth, machine-painted with pure oil colors that do not fade, peel or crack, and can be wiped clean with a damp cloth without injury to surface or colors. Hangs just like wall-paper.

Ask your decorator to show you the new Sanitas styles.

Write for booklet and samples

THE STANDARD TEXTILE PRODUCTS CO.
320 BROADWAY, NEW YORK
DEPT. 21
IN every home there should be at least one closet or storeroom equipped with a sturdy lock. That should be the place to store your out-of-season clothing, your silverware, your guns and fishing tackle—and other precious belongings. And you ought to be very sure that no one but yourself can open that closet door. For when you do lock a closet door, or any other door, you want it to stay locked; securely buttressed against attack.

Keep your belongings safe from prying eyes and fingers—from the curious servant, or the too-inquisitive child, as well as the thief who climbs in through the window.

Put a Yale Cylinder Lock on your wardrobe door. Your wearing apparel will then be wholly yours. And other highly valuable property you are keeping in some closet about the house should be Yale protected also.

You buy a Yale lock once—that lock, so marked, remains in service for a lifetime. A Yale-locked door steadfastly protects the property committed to its care. Yale security is written in the name YALE on every Yale made lock.

For sale by hardware dealers everywhere.

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

Canadian works at St. Catharines, Ont.

YALE MADE IS YALE MARKED
Padlocks, Night Latches, Dead Locks, Builders' Locks and Trim, Cabinet Locks, Trunk Locks, Bank Locks, Prison Locks, Automobile Locks, Door Closers, Electric Industrial Trucks, Chain Blocks, Electric Hoists
The Kirseh Curtain Rod Adapts itself to Any and Every Style of Window

New neatness and charm can be given simple windows. Elaborate windows cease to present an "engineering problem."

Kirsch CURTAIN RODS

KIRSCH Curtain Rods are truly "The Rods That Get the Effect." There is a Kirsch rod or combination of rods for every conceivable use. They come single, double, triple—extension style or cut to fit—for any kind of a window.

The lasting finish of Kirsch Curtain Rods—in Velvetone brass or Velvetone white—is very beautiful.

Flat in Shape—No Sag, Rust, Tarnish

The Flat shape of Kirsch Curtain Rods provides strength with artistic grace. Curved ends permit draping clear to casing and shut out side glare.

The Kirsch patented bracket is simple, strong, and thoroughly practical. The rods can be put on or detached with ease and safety, yet never come down accidentally.

The Rod that gets the Effect

Remember to ask for Kirseh—the Original Flat Curtain Rod

Valuable Book FREE

For Planning Your Window Drapings

We call it the Kirsch Rod and Window Draping Book. Charming windows pictured for every room—and practical suggestions given as to materials, colors, rods, etc.

Sold by Better Dealers Everywhere

KIRSCH MFG. CO., 243 Prospect Ave. Sturges, Mich., U.S.A.

KIRSCH MFG. CO. OF CANADA, Ltd. 454 Tecumseh St., Woodstock, Ont.
Nine Times the Heat With Radiant Rays

When the winter sun swung low, prehistoric man sought warmth beside his open fire.

His was a poor substitute for sun-warmth, but he loved it for its friendly comfort.

So there comes down to us through the ages, a deep love for the open fire. With all its pre-historic faults, the fireplace has remained the heart of the home.

Now comes Radiantfire, a new and revolutionary source of warmth, which places at your command for the first time, heat glowing like that of the sun and carried similarly by Radiant Rays.

These Radiant Rays pass through air, ice or any other transparent obstacle. Air currents cannot turn them aside.

They carry their heat not upward but out into your room.

Instead of sending 90% of their warmth up your chimney—as your present fireplace does—Radiantfire projects that 90% to the objects within your room thus yielding you nine times the heat.

Yet Radiantfire is ashless, smokeless, dustless, odorless. And it preserves for your fireplace its full ability to purify the air.

Securing its heat from gas—natural or manufactured—Radiantfire is always under perfect control and will burn for hours on the price of a shovelful of coal.

Your Gas Company or dealer has a complete line of models for every home and business purpose. See them today!

Within the next 30 days every gas supplied town will develop a tremendous demand for Radiantfire. Our dealer proposition is open to any forward-looking merchant. Get it without delay.

GENERAL GAS LIGHT COMPANY
New York, 44 W. Broadway KALAMA ZOO, MICH. San Francisco, 768 Mission St.
PITTSBURGH BUFFALO CINCINNATI ATLANTIC CITY

The HUMPHREY

Radiantfire
Fiske Beauty and Fiske Worth for Your New Home of Brick

You will rejoice the more in the outward beauty of your home of brick if it also has inner worth.

The charm of owning a home built of “Fisklock” Brick in the rich blends of color made famous for nearly a generation by Fiske & Company under their trademark “Tapestry,” is enhanced by the comfort, health and economy of such a home.

Air, imprisoned in the walls in “Fisklock” construction, is the source of these advantages. Walls thoroughly insulated by means of a multitude of cells insure a dry, warm house while the double depth of this lighter brick permits rapid and therefore comparatively cheap building.

A “Fisklock” brick house, maintenance considered, is the most inexpensive, as well as the most beautiful, type of construction for your home.
"My House Was Never So Clean and Comfortable"

"Before I had Chamberlin Metal Weather Strips installed, it was draughty, windows rattled and chattered, coal bills were large and I always had a dust-rag in my hand. Then I sent the Coupon."

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

Save 25% to 40% of Fuel Costs
They keep out dirt, dust, soot and smoke. That ends one of the most tedious tasks of housework.
At 12,000,000 windows and doors Chamberlin Metal Weather Strips permanently end fuel waste and discomforts resulting from draughts. They make homes dust-proof.

Protect hangings, furnishings and decorations. End rattling doors and windows.

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

Free Chamberlin Strips are used on 85% of all weather stripped buildings, including homes, banks, schools, office buildings, churches, stores, hotels and apartments.
They are guaranteed to last as long as the building. Any need for service or attention, no matter how many years hence, is cheerfully done free, by Chamberlin experts. An estimate by our engineering department on the cost of your equipment, is free. Just send the coupon.

Send the Coupon
Tell me the cost of equipping my building with Chamberlin Metal Weather Strips (check whether home, factory, office building, church, school.)

Give number of outside doors.

Name ____________________________
Address ___________________________

Chamberlin Metal Weather Strip Co., Detroit, Mich.
Here is a Different Wallboard

If we could place a sample of Sheetrock in your hands, you would instantly see and be sure of the advantages of this different wallboard. You would see Sheetrock just as it is—plaster cast in sections. You would measure between your thumb and forefinger its \( \frac{3}{8} \)-inch thickness of pure gypsum. You would run your fingertips over its even surface. You would try its rigidity, and note how flexible it is along with this rocklike strength. And you would probably put it to the practical tests of nailing, sawing, and trial by fire.

You would see Sheetrock take nails and saw like lumber—easy to handle and easy to erect. You would see it resist the hottest flame—for Sheetrock is rock and cannot burn.* You would observe how Sheetrock takes any decoration—paper, paint or panels. And you would decide to use Sheetrock—for walls and ceilings, in new construction, alterations, or repairs. There is no other wallboard like Sheetrock—economical, permanent, fireproof. Your dealer in lumber or in builders' supplies sells it. Write us for a free sample of Sheetrock.

UNITED STATES GYPSUM COMPANY, General Offices: 207 West Monroe Street, Chicago
World's Largest Producers of Gypsum Products

*Sheetrock is approved by The Underwriters' Laboratories, Inc.
For sixty-seven years, Crane Co. has been a leader in its specialized field. It is producing heating and sanitation equipment that meets the needs of the small dwelling and satisfies the exacting requirements of great town and country houses, towering office buildings, huge hotels, hospitals, schools and clubs.

Since 1855, Crane engineers and designers have striven successfully to create and perfect valves, fittings and specialties used in the piping equipment of industrial power, heating, refrigeration, water, oil and gas installations—in fact, “anything for any pipe line.”
THAT rigid adherence to traffic regulations which protects the cautious motorist at congested intersections is completed by full equipment of Vacuum Cup Tires.

The deep-purring "Sound of Safety" of the Vacuum Cup Tread means the cups are exercising their famous grip-hold-let-go principle of suction on wet, slippery pavements, generating safety every inch of the way.

The Vacuum Cup Tread means extra service. It is built of hundreds of sturdy Vacuum Cups over an already extra heavy, extra ply foundation, giving safety and service far beyond the limitations of ordinary makes of tires, though the purchase price is no more.

PENNSYLVANIA RUBBER COMPANY OF AMERICA, INC.,
JEANNETTE, PENNSYLVANIA
Branches and Service Agencies Throughout the World

VACUUM CUP CORD TIRES
NOW COST NO MORE THAN ORDINARY MAKES
The careful craftsman employs materials worthy of a masterpiece—the home-maker chooses Cheney Silks for the decorative touch that transforms a house into a home.

In this pleasant corner, curtains, cushions, lamp-shade, and upholstery show Cheney Silks and Velvets in harmonious use. The little girl's dress is of Sweetbriar Silk, with a pattern of scattered flowers. A charming peacock design on Cheney Printed Satin makes an appealing tea-gown.

You will find these silks in a profusion of beautiful designs and colourings in the dress goods and decorating departments of most good stores. The price is less than you would expect to pay.

CHENEY BROTHERS
4th Avenue at 10th Street, New York
A thousand years before Helen brought disaster to Troy, a Sea King of Crete built himself a lordly palace at Knossos. The architect, in a moment of sentiment, forgot the procession of warriors and scenes from the arena with which the stucco walls were decorated and, in a panel of the great hall, he painted the picture of a little Minoan boy gathering flowers. The colors are as fresh as if laid on yesterday; the stucco is smooth and unbroken, although the hand which smoothed its surface has been dust for three thousand years.

Perhaps no greater tribute to the long lasting qualities of stucco can be paid. Greece was unknown. Rome was in a very remote future when the little Minoan "Blue Boy" was painted, but those Cretan stucco walls have outlasted dynasties, empires and kings. Fires, the sack of cities, exposure to the elements have left them unharmed.

— and when you build today, you too can build for the future. It is a far step from the palace of "Broad Knossos" to your bungalow, but the same construction material — only more scientifically made — is at your disposal. Atlas White Portland Cement, when properly used as a finishing coat, will give you more artistic effects; it is more easily handled. But its ability to withstand fire and the permanence of your construction is just as certain today as it was when the world was young.

THE ATLAS PORTLAND CEMENT COMPANY

New York Chicago Birmingham Boston
Philadelphia St. Louis Des Moines Dayton
Spend your Building Money wisely

"Building with Assurance" shows you how!

Have you been saving up for a home? Are you ready to start your plans? Then you have come to the critical time. Now you must see that you spend your building money wisely. Now you must be sure that you select the right plans, the right materials, the right fittings. Then there will be no waste of money and no regrets.

Once you have made your decisions and given your OK, the die is cast. You cannot discard a home that has not turned out right, as you would discard an unsatisfactory photograph. You cannot change rooms or fittings without great expense. You cannot sell or trade your house just as you please.

The important thing is to plan carefully, choose thoughtfully and spend wisely, AT THE START. And that is just what "BUILDING WITH ASSURANCE," the Master Book of Building, will help you to do. Morgan—creator of standardized woodwork—in collaboration with many of the nation's foremost authorities on building, has prepared it to help the builder. Two years' time was required to gather the wealth of material. The first edition alone cost over $150,000.00 to produce.

Like a Candle in the Window

This great book is a beacon—a guiding star—for the thousands who build each year. It may save you hundreds of dollars. Check over what it contains. First you find a wonderful assortment of bungalows, cottages and dwellings, in beautiful colors, with floor plans. Then you see page after page of interiors. These include halls and stairways, beautiful dining rooms, living rooms, dainty bedrooms, cozy breakfast nooks, etc.


MAIL THIS COUPON

We cannot send "Building With Assurance" broadcast. We reserve it for those who are seriously interested in home building or home improvement. The coupon will bring our beautiful free prospectus. Tells all about the Master Book. Shows typical pages. Tells how you may own a copy of "Building With Assurance." If you sign and mail the coupon, the prospectus will be sent you at once free of charge.

THE MORGAN WOODWORK ORGANIZATION

Address Nearest Office, Dept. A-9
Morgan Sash & Door Co. Morgan Millwork Co.
Chicago, Illinois Baltimore, Md.
Morgan Co., Oshkosh, Wis.

Gentlemen: Please send me at once copy of your beautiful Free Prospectus, which describes "Building With Assurance."

Name

Address

MAIL THIS COUPON FOR FREE PROSPECTUS

"Morgan-Quality" Standardized Woodwork
NOT quite seven years ago the U. S. Royal Cord Tire was announced to the public.

People who saw it remarked on the beauty of the tread design, which is protected by U. S. Letters Patent.

The same design that since then has proved itself the most scientific tread pattern ever put on a pneumatic tire.

To identify this superlative tire under all conditions—whether running or stationary—Royal Cord makers adopted as a trade mark a circumferential white stripe placed on each sidewall.

Today, Royal Cord beauty and identity is so known and distinguished that even a newsboy can spot one whisking around the corner.

And car-owners everywhere look upon a Royal Cord as the measure of all automobile tire values.

According to some tire dealers and manufacturers the public has been having one of its "price spells" and demands cheap tires.

This is contrary to the facts. Otherwise Royal Cords wouldn't keep gaining and gaining and gaining in sales to quality people.

And—you wouldn't see Royal Cords on so many cars of every make in the country.

Nor—if Americans were on record for cheaply made and cheaply priced tires—would they award the leadership of the tire business to the Royal Cord Tire.

Current prices on United States Passenger Car Tires and Tubes are not subject to Federal Excise Tax, the tax having been included.

United States Tires are Good Tires

Copyright 1922 U. S. Tire Co.
Free Information for Home Builders

If you support home builders, think of the millions of dollars in operating expenses you can save by using the right products for the job. Our technical information is available in a variety of formats, including pocket-sized booklets, technical bulletins, and technical data sheets. All of our products are tested and approved for use in the construction industry. Contact us today to learn more about our comprehensive product line.

From a Home Builder to

Published Monthly by NORTH WESTERN EXPANDED METAL Co.

Chester Lewis

Associate Editor

SEPTEMBER, 1922
Homes of Lasting Satisfaction

The first step in the planning of your new home is that of selecting the designmaterial which will be used in its construction. The choice of the material will depend on the intended use of the home and the climate of the locality. The materials used should be durable and require little maintenance. The design should also be in keeping with the style of the neighborhood.

The diagram below shows the layout of the house. It is important to plan for adequate ventilation and light. The rooms should be arranged in a way that maximizes natural light and airflow. The house should also be designed to be energy-efficient, with insulation and efficient heating and cooling systems.

The diagram also shows the闷院 (garden) which is an important aspect of modern homes. The garden should be designed to be both functional and aesthetically pleasing. It should provide a space for relaxation and recreation while also being a source of fresh air and natural beauty.

In conclusion, the design of your new home should be a reflection of your personal style and the needs of your family. With careful planning and attention to detail, you can create a home that will last for generations.
Good Buildings Deserve Good Hardware

Your Doors—open willingly and close securely—always—with Good Hardware.

Why is it that some doors render grudging service, while others oblige with cheerful alacrity? In the majority of cases, it is a question of locks.

The locks that you put into your home should last as long as the building itself, and give the same efficient service to your children and grandchildren that they gave to you. They will—if you put in Corbin locks. Corbin locks are Good Hardware. But don't stop with putting one on the front door. There are Corbin locks for your rear door—your garage door—vestibule door—fruit-closet door—and for all other doors in your house.

Corbin locks work. They have the spirit of co-operation. They meet you half way. Every Corbin key has a perfect understanding with its Corbin lock. Your Corbin Master Key is the master of any number of locks which you want it to open.

Corbin locks are made in a wide variety of enduring designs to harmonize with every architectural environment. They give utmost security. They add to the appearance and to the investment value of any building.

Do not overlook the importance of Good Hardware. To do so is short-sighted. Whether you are planning a seven-room cottage or a seventeen-story office building, you want Good Hardware. You can afford no other kind. Talk with the local Corbin dealer. Get the advice of your architect. They know, better than most people, that "good buildings deserve good hardware."

P. & F. CORBIN

NEW BRITAIN
CONNECTICUT

NEW YORK
CHICAGO
PHILADELPHIA

If you are planning to build or are in the midst of a building project, we have an attractive illustrated booklet we want you to read. You will find it informing and helpful. Write to nearest Corbin office or ask the local Corbin dealer for your copy of "Good Buildings Deserve Good Hardware."
Why Not Have a
“Glory Room”? 

“That is the inviting and inspiring term which a famous publisher applied to his own Cypress Sun-parlor. The same idea begets a hunger for a Cypress Sleeping Porch. It is not at all necessary to wait until we build a new house. Why not ‘tack one onto our present home’? It is always possible—and always a fine investment, entirely aside from the delight of using it. That very helpful, foresighted, broadminded and kindly-intentioned group of men known as the Cypress Association have employed some of the best talent in the country to provide thoroughly practical—really usable—as well as highly artistic, plans for the free use of those who really care. Of course, they hope to thereby broaden still further the wide preference for Cypress, ‘the Wood Eternal’ for all non-rot applications, but that is only natural and does not detract from the great and lasting benefit to the public due to ‘an educated insistence on the best wood for the given purpose’.—J. B. C.

Vol. 35 is the Sun Parlor & Balcony Book. 48 pages. 32 pictures. 1 “For Health.” a special supplement. 7 working plans with full specifications. FREE on request. Write. 

Southern Cypress Manufacturers’ Ass’n

Announcement Extraordinary

To Owners of Small Homes, Bungalows, and Cottages

ONE of these two books—depending on the size of your home—was written to inform you of a way to greater comfort and convenience at minimum cost and maximum satisfaction. Fill out the coupon and mail it today, please.

Four New Instantaneous Automatic Water Heaters

Made by

HOFFMAN

And Priced at Lowest Level

NOW the small home owner can have equal hot water convenience and comfort with those who dwell in larger, more expensive homes. Hoffman announces four small home gas water heaters instantaneous automatic type, that provide the same service enjoyed for many, many years in large homes.

And in keeping with Hoffman policies, these heaters are priced at the lowest possible level. First cost and operation expense are appealing because they mean real economy. Dependability and efficiency are liberally guaranteed. Once installed, the Hoffman provides steaming hot water without waiting and without effort on your part. Simply turn a hot water faucet, any time and piping hot water flows. Close the faucet and gas is shut off. Too, Hoffman heated hot water is clear and clean.

Fill out the coupon and send it for one of the books mentioned above.

The Hoffman Heater Company, 1684 Oberlin Ave., Lorain, Ohio

The Hoffman Heater Co., is an independent organization not affiliated with any other heater company, paying no royalties.
THE IMPRESSIONABLE AGE
AND YOUR MODERN BATHROOM

MOST of us are creatures of habit—we do various things today because we got started right in those days long ago when impressions were deeply engraved and habits formed.

—the age of boyhood and girlhood is the impressionable age.

Install a modern, glistening white bathroom in your home, for the young folk—spotless tiled floor, built-in "Viceroy" tub and shower, pedestal lavatory, and crisp row of linen.

Make the bathroom the most inviting room of the home for your boys and girls.

It means habits of great value to them in the years ahead and more happiness and self-respect for every member of the family today.

Perhaps yours is a home that is semi-modern, built when a bathroom was a luxury, and not a necessity as it is today—years ago when the art and science of sanitation and plumbing did not bring the home the comforts and conveniences possible today.

Tear out the old-time tub, the marble-top wash-basin and whistling plumbing.

Have more than one bathroom if you have more than two bed-chambers.

The cost is less than you realize. The space for a modern bathroom, only the size of an ordinary closet, as small as 5 by 6 feet, is all that is necessary.

And your property will be enhanced in value, far more than the cost of the installation, the moment you install a modern bathroom.

There is a Kohler plumber near you who will be glad to give you an estimate of the cost of replacing your old plumbing fixtures with glittering, snow-white Kohler Enameled Plumbing Ware. Telephone him now! He can give you much valuable information about modern home sanitation.

Send for interesting, free booklet which illustrates modern kitchen and laundry fixtures as well as appointments for the bathroom. It will give you many helpful suggestions. Write today.

KOHLER OF KOHLER
Kohler Co., Founded 1873, Kohler, Wisconsin • Shipping Point, Sheboygan, Wisconsin
MANUFACTURERS OF ENAMELED PLUMBING WARE AND KOHLER AUTOMATIC POWER AND LIGHT 110 VOLT D. C.
The Small Boy and his Dog

—We love them both, but their place is not on our lawns or scampering through our flower beds

PAGE Chain-link Lawn Fence enclosing your lawn and garden will prevent mischievous boys—and others of more malicious intent—from trampling on your delicate plants and shrubs or short-cutting across your property.

At the same time, a fence of PAGE design will keep your own small youngsters home—on your own ground—safe from passing traffic.

Perfect in alignment and artistic in design, PAGE Fence adds great beauty and seclusion, and provides an ideal enclosure for your property.

An illustrated booklet, "FENCES—For Protection and Beauty," will be sent you on request. Write to

PAGE FENCE & WIRE PRODUCTS ASSOCIATION
215 North Michigan Avenue, Chicago

PAGE PROTECTION FENCE

WHAT is a home without running water? Can it be a healthful HOME without a modern sink in the kitchen? Can it be a healthful home without a sanitary modern bathroom, with washbowl, bathtub and toilet? Running water, under pressure, brings these comforts.

And think of the other conveniences. With running water, under pressure, you can have beautiful lawns and flowers; plenty of fine vegetables. You can have water in the garage or barn. You can have water, UNDER PRESSURE, for fire protection. Is it good judgment to depend upon the old hand pump?

It's Automatic FAIRBANKS-MORSE HOME WATER PLANT

This efficient home water pumping station solves your problem at little cost.

Operates from any electric light socket or home lighting plant circuit. Pumps water from cistern, shallow well, spring or lake, UNDER PRESSURE. Noiseless and AUTOMATIC. No switch to turn. No adjustments to make. Has sturdy, galvanized steel tank. The only water plant with the famous Fairbanks-Morse Pump.

Capacity, 200 gallons per hour

Now selling at a low price. Costs only a few cents a week to operate. Do not accept a substitute. If you do not know our local dealer, write us for complete information and literature.

FAIRBANKS, MORSE & CO.
Manufacturers
Chicago

The Canadian Fairbanks-Morse Co., Ltd., Montreal
PROTECT the VITAL SPOTS with TARGET and ARROW

No matter how weatherproof your roofing material—no matter if it be applied in the most approved manner—your roof will not stay tight unless the gutters, valleys and flashings are made of a material that lasts.

Not only such vital spots as valleys, gutters and flushings, but also mansard, dormer and saw tooth roofs, spires, domes, umbrella sheds, car tops and any other exposed surface that is round, curved, or sloping. Protect these vital spots with the best material made for this purpose—"Target and Arrow Roofing Tin".

It will pay you to investigate this unusual roofing tin and learn how you can insure against expensive leaks and roof repairs for the life of your building.

Send for "THE ACHILLES HEELS OF A BUILDING"—a graphic chart showing the "gutters", "valleys", "flashings" and other vital spots in the roof of a building and explaining how and why "Target and Arrow" assures permanent protection to these important places.

N. & G. TAYLOR COMPANY
ESTABLISHED 1810

Planning to Build?

Then Get These Two Recent Numbers

The July and August issues of THE ARCHITECTURAL RECORD will be included—NO EXTRA CHARGE—if you subscribe now to start September—a total of 14 valuable numbers for $3.00

THE ARCHITECTURAL RECORD is an authoritative professional journal illustrating the work of leading architects throughout the country and read regularly by a record number of architects. From it you should obtain helpful suggestions regarding attractive exteriors, convenient arrangement and appropriate furnishings. Each issue contains nearly 100 illustrations and floor plans. While all types of buildings are presented, some houses are illustrated in each issue and the October Number will be devoted exclusively to country and suburban homes. In the advertising section are also described the latest and best building materials, as well as many of the furnishings and equipment which add to the comfort and convenience of the home.

To accept our Special Offer Please mail the coupon promptly

THE ARCHITECTURAL RECORD

For Details and specifications see Sixteenth Edition Steel's Catalog, pages 780-781 inclusive

The Lunken Window Co.
4213 Cherry Street Cincinnati, Ohio
KILLS FLEAS

Sergeant's Skin Flea Soap positively kills lice. They guarantee com-

fortable, healthy and artistic as well. Before you build or re-roof your home, examine the new Blue Composition Shingles

Made possible through the use of Flint-Arrow Blue Slate.

Ask your local dealer to show you or send us for samples.

Blue Ridge Slate Corporation

Esmont, Virginia

Are you ashamed

of your back porch?

Garbage is not only an embarrassing nuisance, but a distinct menace to health.

Unwelcome—and yet no place to go. That is the plight of the garbage. How it heaps up! Always accumulating, making you ashamed of the back porch. The clouds of flies, the bad odors, disease germs, yellow cats that come at night, all can be traced to the influence of the garbage pail. The truth is that we have been putting up with make-shift methods of garbage disposal. You can’t throw it in the furnace lest the odor seep out. Strangers must be permitted to prowl about the place if it is to be hauled away—all of which is the plight of the garbage. It is not only an embarrassment, but it must be disposed of. How does the U. S. army keep things clean. Your freedom below brings it to you.

Write today for free booklet on sanitation. Read how the U. S. army keeps things clean. Your freedom below brings it to you.

Ranz Garbage Destroyer

Ranz Garbage Destroyer slides into old or new buildings (outdoors) as easily as a stove, and costs less than one.

Dump all wet or dry garbage, old papers, trash, sawdust, etc. simply and safely. Ranz Garbage Destroyer makes waste disposal easy. No other method of garbage disposal is so safe, so sanitary, so simple. A steady draft of air does not give out the garbage and carry away all odor. Touch a match once a week and the Ranz Garbage Destroyer is at work. A Ranz Garbage Destroyer can be placed at any point. Every inch of your place is kept sanitary and clean when there is a Ranz around.

For old or new buildings or outdoors

Write today for free booklet on sanitation. Read how the U. S. army keeps things clean. Your freedom below brings it to you.

Squab Book Free

Squab Book Free

This offers a self-cleaning feature. Made possible through the use of

The New Roof Beautiful

for mansion or cottage

For years composition shingles have been famous for their durability, fire resistant qualities and economy. Now you can have them beautiful and artistic as well. Before you build or re-roof your home, examine the new Blue Composition Shingles made possible through the use of Flint-Arrow Blue Slate the latest and most artistic surfacing material.

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The New Roof Beautiful

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Where to find it? Where to find it?

LOOK through this page, and then ask yourself how many times in the past you could have made yourself the information it contains—when you needed something special for yourself—or when you were looking for a particular service—but did not know where to find it. Then you will realize the value these advertisements contain for you.

Beauty Culture (Cont.)


Children’s Things

The DOLLS & CHILDREN’S SHOP, 521 North St., Boston. Features and special service for style and economy. Travel Baskets to needle the children as soon. 12 West 47th Street, New York City.

Furniture & Furnishings for the Home

The Interesting Place in the right place. Picturesque, comfortable chair. Beautiful Help with the problem of the difficult room. Tel. M. S. 7782.

Irving A. Olson Co. Furniture Room. 219 Putnam Street, Marietta, Ohio.

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FIRE FURR Selected assortment. Reasonably priced for $100.00, Krupp Bros. (Est. 1883) 5-7-9-11-13.

Employment Agency

Mme. Nattall, Tel. Bryant 4242, past highest cash value for the sale of fur, especially used evening and street frocks. Refurbers & Reupholsterers. 12 East 44th St., Bryant 4242.

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Nestle’s

Originators of Permanent Waving. Root & Co., Fifth Avenue at 55th St., New York City.

The Jupiter Door 01ft Slum

Corsets and Braoscars

Viennese, English, French, German, Italian. 47 W. 34th St., Bryant 4857.

FASION

The FALL AND WINTER EDITION of the Ladies’ Home Book of Fashions will be ready to practi­ cally anything desired in dress and furnishing.

The wide variety of goods advertised on these pages is amazing.

The right place for coats to look this season. Bryant 4242.

Where to find it? Where to find it?

A classified list of business concerns which we recommend to the patronage of our readers.

Shoppers’ & Buyer’s Guide

Interior Decorations

Chapin, Harper & Dufel, 100 Fifth Avenue, New York City, manufacturers and purveyors of furniture and accessories for town and country homes.

Consultation and advice upon your home. Decorat­ ing. Long experience in shopping for floor covering and -interior decoration.

LADIES’ TAILOR

Alexander-Mallia, 15 W. 45th St., N. Y., supplies coats to order, own material or ours.

Invisible by ro-weaving. Shine on clothing per­ manently. Free sample upon application. Dr. J. & A. Cash, inc., 222 Chelsea St., N. Y. Bryant 4857.

Ladies’ Tailor

Alexander-Mallia, 15 W. 45th St., N. Y., supplies coats to order, own material or ours.

Invisible by ro-weaving. Shine on clothing per­ manently. Free sample upon application. Dr. J. & A. Cash, inc., 222 Chelsea St., N. Y. Bryant 4857.

Memorials

Moirals for Every Purpose, in tint and color, silk and cotton, silk and wool, silk and cashmere, sizes: waltz, tea, dress, dinner, waltz and tea. Patronage of our readers recommended.

COUCHES, CHAIRS, SETS

New York City. S. C. Mitsubishi, 219 Putnam St., Marietta, Ohio.

Art Needlework


Art Needlework

Swiss Hand-Embroidered infants’ dresses, caps, infants, Handkerchiefs, boas, nursery & boudoir accessories. Mail orders supplied. Niagara Falls, Buffalo, N. Y.

Auction Bridge and Cards

Your Own Name on Bridge Scores

With the help of the Office Supplies competent household servants. The advertisers in these pages are tliere from left to right.

Yellow Pages

Monograms and Woven Names

Cash’s Woven Names for marking clothing, hosiery, linens, etc., Pat. Pend. 222 Chelsea St., N. Y. Cash’s Woven Names for marking clothing, hosiery, linens, etc., Pat. Pend.

Permanent Hair Wave

WELSTY’S

Original Operators of Permanent Wave. WELSTY’S, 47 West 33rd St., N. Y. Phone Vanderbilt 43839.

FRANK’S HAIR DRESSING PARLOUR

No one’s business is safe to in safe hands by expert fifteen years’ experience in scalp and hair waving. 10 W. 35th St., N. Y. Cash’s Woven Names for marking clothing, hosiery, linens, etc., Pat. Pend.

Field articles


Social Etiquette

Charm, Poise & Personality—Doctor’s recommen­ dations—Personality analyzed, correct dress for every occasion. Call or write, Mme. Lene, Marie Antoinette Hotel, N. Y. Cash’s Woven Names for marking clothing, hosiery, linens, etc., Pat. Pend.

Tea Rooms & Motor Inns

Close to Coast

How to run them for a profit. Mme. Lene, 110 West 30th St., N. Y. New York City.

Toilet Articles

Snow-White Powder Flaw hand-made of art silk, fruit a wonderful womans’ powder. 52 West 36th St., N. Y. Your own name or initials in your jewelry. We will design and costume all jewels.

Wedding Stationery

PAUL’S FOR WEDDINGS, invitations, announcements. Calling Cards and Place Stationery and place cards upon order, Peter L. Paul & Co., Inc., 256 Delaware Ave., Buffalo, New York.
September, 1922

THE NAST INTERNATIONAL TRAVEL BUREAU

4 Cruises to the 5 Continents

Two
Round-the-World Cruises

These two phenomenal Round-the-World Cruises are the greatest travel opportunities ever offered to the American traveller. They embrace 125 days of the most fascinating travel diversified with all the gaieties of ship life.

The shore excursions (both included and optional) are vastly more varied and comprehensive than a cruise ordinarily permits. This is a feature which unmistakably distinguishes a marvelously complete voyage from a routine journey Round-the-World.

As a single example of these fascinating excursions we mention the trip to Djokjakarta (in Java)—the home of the famous batik and the most interesting place in the whole world. This incomparable trip includes a visit to the famous temple of Borobodoer

Sailing January 9 and 16, 1923, on the two palatial liners S. S. "Resolute" and S. S. "Volendam"

We shall gladly send the illustrated booklet describing these Cruises in detail, upon request.

The Mediterranean Cruise

February 10, 1923

The Mediterranean, a thousand mile stretch of midland sea, is the home of many civilizations, ancient and modern. It is the great amphitheatre of history and tradition, the source of culture and civilization, the cradle of art and the heart of romance. No other section of the world presents within such a small radius so many diverse nations and such a vast number of brilliant and picturesque cities.

The same comprehensiveness characteristic of all Raymond-Whitcomb Cruises is a salient feature of the schedule for this Cruise. Thus you are assured of a trip fraught with intense interest, alluring scenery and highly enjoyable recreation.

Sailing on the famous S. S. "Rotterdam", a ship with many points of excellence which have contributed to her popularity as a trans-Atlantic liner

May we send you the booklet and ship's plan?

Rio
Centennial Cruise
[including West Indies]

This Cruise has been planned to afford a delightful Winter vacation of one month and a half. It is a journey replete with varied attractions and an ever-changing panorama of interesting travel.

A short Cruise seldom includes such a varied schedule. The comprehensive list of West Indies ports, the visit to Panama, the stops at Venezuela and Brazil and particularly the ample time allotted to the Brazilian Centennial Exposition in beautiful Rio de Janeiro, make this one of the most attractive short Cruises in the history of travel.

Sailing February 3, 1923 on the new S. S. "Reliance," a ship singularly fitted for this Cruise.

The Cruise Booklet gives complete information. A copy will be sent to you upon request.

RAYMOND & WHITCOMB COMPANY

22 Beacon Street, Boston

NEW YORK   PHILADELPHIA   CHICAGO   SAN FRANCISCO   LOS ANGELES   PARIS   LONDON
If you are going to Europe you can now travel on swift, new passenger liners that represent a supreme achievement in shipbuilding. The fast, twin screw, oil-burners of the "S35" type, owned by the U. S. Government, have become famous on every sea. Two of them, the President Harding and the President Roosevelt operated for the Government by the United States Lines, have been placed in service between New York and Plymouth, Cherbourg and Bremen.

Every device of the modern shipbuilder's art has been lavished on these new ships. They are at once incomparably safe, supremely luxurious and unusually fast.

Write for Booklet

Send the coupon below today for the remarkable story of the "S35" and for your Government's authoritative booklet of travel facts. If you are going to travel anywhere on the seas you should have this information.

INFORMATION BLANK
To U. S. Shipping Board
Information Section
Washington, D. C.

U. S. 2826

Please send without obligation the U. S. Government booklet giving travel facts and also information regarding U. S. Government ships. If you are considering a trip to Europe ( ), to the Orient ( ), to South America ( ) or to any of these, I would travel 1st class ( ), 2nd class ( ) or 3rd class ( ).

If you date will be about...

My Name:

Business or Profession:

My Street No. or R. F. D.:

Town:

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United States Lines

Moore and McCormack, Inc. - Roosevelt Steamship Co., Inc.

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Information Section 2826

Washington, D. C.

To Honolulu

A New Service on U. S. Government Ships

NOW you can go from Los Angeles direct to Hawaii, Paradise of the Pacific. Send the information blank below and learn about the U. S. Government passenger ships that have been refitted from stem to stern for this new service. They are among the finest afloat.

Hawaii, land of everlasting summer, of gorgeous sunsets, of green, delicious seas, is now just a few luxurious sunlit days from Los Angeles. The Government ships in this new service, the City of Honolulu and the City of Los Angeles, are operated by the Los Angeles Steamship Company, known for its exceptional service between Los Angeles and San Francisco. If you have made up your mind to spend days riding the surf at Waikiki, tramping Hawaii's incomparable mountain trails, motoring over perfect roads, mingling in the teeming, fascinating, polyglot life of Honolulu, don't fail to investigate this new direct service.

First Sailing

September 9th

INFORMATION BLANK
To U. S. Shipping Board
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Washington, D. C.

L. A. 1426

Please send without obligation information regarding U. S. Government ships which go to Honolulu. I would travel 1st class ( ), 2nd class ( ), 3rd class ( ).

If you date will be about...

My Name:

Business or Profession:

My Street No. or R. F. D.:

Town:

State:

For information regarding reservations, address

Los Angeles Steamship Co.

517 South Spring Street, Los Angeles

685 Market Street, San Francisco

Managing Operators for

U. S. SHIPPING BOARD

Information Section 1426

Washington, D. C.
ROYAL MAIL

TO EUROPE

"The Comfort Route"

Jolly comradeship, exciting deck games, or long lazy hours in a comfortable steamer chair—and then the welcome bugle call—with the surety that the tempting menu will be even better than the last. For downright comfort, enjoyment and attentive service that make the trip all too brief, travel Royal Mail.

From New York on the famous "O" steamer to

FRANCE ENGLAND GERMANY

CHERBOURG SOUTHAMPTON HAMBURG

"ORBITA" "ORDUNA" "OROPESA" "ORCA" "OHIO" (building)

BERMUDA

Weekly sailings from New York by the palatial transatlantic liner ARAGAYA, 17,500 tons displacement, will be resumed in December.

WEST INDIES

Two cruises de luxe to the West Indies next January and February by the palatial new steamer ORCA, 15,100 tons displacement. Especially adapted for cruising in the tropics.

The ROYAL MAIL STEAM PACKET CO.

24 Broadway, New York—127 W. Washington St., Chicago

Or Local Agents

A luxurious World hotel, ideally situated between 52nd and 53rd Streets, New York City

Full information on request.

Send for illustrated booklet.

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WASHINGTON, D. C.

Wardman Park Hotel

overlooking Rock Creek Park, combines cosmopolitan luxury with country-like charm.

HARRY WARDMAN ELMER DYER

President Manager

Connecticut Avenue and Woodley Road

WASHINGTON, D. C.

Hotel Hargrave

West 72d St., through Central Park South, New York

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

HOTEL BRISTOL

129-155 WEST 45th ST.

25c PER NIGHT

TWIN-SUITE 30c

HOTELS

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Hotel Hargrave

West 72d St., through Central Park South, New York

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

100-113 Times Sq.

Hotel St. James Times Sq.

W. 45th St.

N. Y. City

Hotel Hargrave

West 72d St., through Central Park South, New York

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

HOTEL BRETTON HALL

Broadway 55th to 56th Sts., New York City

Subway station at door.

Between Riverside Drive and Central Park, largest and most magnificent hotel of its kind. 1,200 rooms and suites, numerous lounges. For permanent and traveling residence. 560 Rooms and Baths at very attractive rates.

THE PLAZA

FIFTH AVENUE OF CENTRAL PARK

New York

A luxurious world hotel, ideally situated.

HOTEL WEBSTER

36 West 44th Street, New York City


HOTEL GRAMATAN

BRONXVILLE, N. Y.

All city conveniences in the midst of the hills and woods of Westchester County, offering either quiet rest or every outdoor sport.

And the rates are extremely reasonable.

HENRI PAUCHEY & SON, Inc.,

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FOREST HILLS INN

Forest Hills, L. I., NEW YORK

Telephone 1072, 32" A"""
Beautiful Virginia Country Estate

SCENE IN HALL 22' x 30', DOUBLE PITCH
VIEW OF HOUSE. SCENE ON 15 ACRE SHAD ED LAWN.

PINIFER PARK—a beautiful country estate of 426 acres, situated within 10 miles of Richmond, a city of unusual social, educational, historical and commercial advantages. Elevation high, overlooking James River. Connected with Richmond by good auto road and Southern Railway. Full information furnished upon request. Address—

E. C. LAIRD
P. O. Box 1521
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ROCHELLE PARK
NEW JERSEY

House

Location
16 miles from Jersey City. 15 minutes to Wall Street.

Price
$12,000. Cash $4,000.

BONFIELD

on Salt Water—Navigable. This house is one of the historical show-places of the Eastern shore; built in 1772, very heavy substantial construction, in first-class condition. Reception Hall, 33 ft. long, 15 ft. wide; 2 fireplaces; Staircase, very fine example of pure colonial; Dining room, 15' x 17', fireplace; Living room, 19' x 16', fireplace; 3 Bedrooms, 2nd floor, about 15 x 17, fireplaces; 3 Bedrooms, 3rd floor; 2 modern bath rooms; Kitchen, 17' x 19'; Heat, newly installed, Electric Light; Water, of the finest, soft as rain water, new 600 ft. bored well; Water System, compressed air, practically new; Septic Tank, very large; new 12 in. x 8 in. x 6 with three chambers.

Furnishings—About 25 choice Oriental rugs; one large Royal Ker- manshaw 17' x 11'/2; several other medium size.

Parlour—House completely furnished from top to bottom solid mahogany; some choice antiques.

Linen—from kitchen towels to finest table linens in large quantities.

Many pictures.

Andirons and Fenders—4 or 5 brass.

China—in large amounts, from plain to very choice breakfast and dinner service of best imported makes. Large variety of wine, champagne and other glassware.

Heavv velvet portieres, brick-a-brac and general furnishings for high class home.

Books—300 to 400 volumes.

Victoria with about 350 records, of which about 200 are best Red Seal.

Outbuildings—Tenant House, Bungalow, Garage. Corn crib, Chicken house, Implements shed, Barn, Pig pen; large amount of farm equipment, wagons, harness, etc. Corn sheller, grindstone, feed grinder run by gasoline; 3 H.P. engine located in garage.

Acreage—40 more or less acres.

Two Buildings connected with Eastern motor; Kennebunkport Canoe. Large private Oyster Bed within 200 yards of the dock.

Price, $50,000.


Apply H. W. Hilleary, 1108 Sixteenth Street, Washington, D. C.

WHY NOT investigate at once?
We are commissioned to sell this choice country property.

STAMFORD

20 Acres. 10 minutes north of station; State road almost to residence. Beautiful views and surrounding grounds, house and parsonage, porches, and large barn, carriage house, horse sheds, fruit and vegetable gardens, apple orchard, peach orchard excellent well; complete stable; electric light, heat, steam, parsonage, 3 rooms, 2 bath rooms, too invitingly; frame plumbing, slate roofs, hot water heat; 2 car garage, workshop; 3 other dwellings on property, no vacant property in all. House all modern fixtures. Asks $3,000. Asking $2,000 but what is offered. Owner literally desperate. Price will divide; easy terms to right party. Address—

THE ESTATE HUNT AGENTS, INC.
413 Atlantic R. R. Station, New York, N. Y.

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A page from a school directory containing information about various schools and programs. The content includes details about schools focused on practical training, dancing, and liberal arts, among other topics. There are also advertisements for dance classes and a directory for prospective students.
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The CHALMERS SIX
FALL PLANTING IN OCTOBER

You can tell a real gardener by the fact that his gardening enthusiasm has a second blooming in the autumn. Almost everyone plants out and digs in the spring, and yet there is a powerful lot of digging to be done in the autumn if you want a successful garden next year. By planting now several months are saved and you have a cleaner slate to begin with next spring. If House & Garden could only mitrate its hundred thousand readers into the goodly habit of autumn planting, the gardens of America would make incalculable progress. That is the purpose of the October issue. It is edited with a view to giving gardeners a renewal of their gardening enthusiasm.

If you are contemplating some landscape work you will want to read the article on how to lay out an approach to your house, study the views of the remarkable California gardens, consider the contribution on how to lay garden paths and the pages on the principles of landscape design. In addition to these are articles on how to grow bulbs indoors, on the method of planting an English garden, on the covering capacity of vines, on a city backyard garden, on the flowers to grow in the greenhouse this winter, and, of course, the fall planting table with its explanation of how to do this planting.

Among the delightful houses to be shown in the October issue is this restored and remodeled Pennsylvania farmhouse.

While this work is going on outdoors there is a continuation of autumn furnishing inside the house. Those who take up this interior work in October will find in the suggestions pages of mantel figures, of new glassware, of rugs, tassels and the Little Portfolio of Good Interiors. The Portfolio in October is devoted to views of a small country house furnished in simple, livable taste.

Nor are the interests of the prospective house-builder neglected in this issue. We will show four houses with plans—one large design in half-timber and three smaller suggestions. There will also be an article on patios and a practical discussion of paints. To make the house-building measure full to overflowing, we show how an old Pennsylvania farmhouse, on the verge of decay and collapse, was restored and enlarged to a beautiful all-year residence. If you are going to build suggestions such as these are invaluable.

In this October number there will also begin a monthly page conducted by Ruby Ross Goodnow, a page of suggestions from this well-known decorator which will be welcomed both by those who plan to have a decorator assist them in the furnishing of their homes, or who wish to do it themselves.

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How to Measure for Curtains
The Villa Dante Alighieri
Robert Carriere & Morgan Heiska

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

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The appearance of Jeritza was one of the sensations of the Metropolitan Opera season, and following the example of other famous artists of the world this great soprano chose to make Victor Records. Her gracious personality and magnificent voice are brought to you with unerring accuracy through the medium of the Victrola and Victor Records. Victrolas $25 to $1500.
ACCORDING to Vogue’s excellent articles on etiquette, the proper way to introduce dinner guests is to say: “Mrs. Blank, I want to introduce my husband.” Well, readers of House and Garden, we want to introduce this new page. It is to serve our mutual interests in a number of ways, becoming a bulletin board or an experience meeting, as the case may be. There are things constantly happening that would interest HOUSE AND GARDEN readers, things that somehow just can’t be squeezed into the body of the magazine. Some of these will be noted on this page. It will be a regular monthly feature.

GOOD small houses do not grow on every bush. Members of the American Institute of Architects, however, have determined to increase the crop. Through the medium of the Architects’ Small House Service Bureau plans and designs for good small houses are being distributed at reasonable cost. Obviously, any one group of designs will not suit all sections of the country, and there are now being issued books of plans for houses applicable to each section. The latest to reach our desk is the book of the Mountain Division, with designs particularly adaptable to Colorado, Wyoming, Utah and New Mexico.

THE Bureau of Plant Industry in the Federal Department of Agriculture includes in its personnel many investigators, experimenters and hybridists at home and abroad. These men are constantly endeavoring to discover better methods and to produce better varieties for the improvement of American horticulture. Ranking high in this body was Dr. W. Van Fleet, whose untimely death in January, 1922, leaves the rose world poorer. Silver Moon, American Pillar, Dr. W. Van Fleet, Sir Thomas Lip ton, Bess Lovett, Alida Lovett, Mary Lovett, are some of the familiar names because successful American roses produced by this great American worker for the American public, and not “made in Europe.”

At the time of his death there were on trial, of Dr. Van Fleet’s hybridization, a dozen or more roses produced by this genius with a view of providing what he called “dooryard roses,” able to do satisfactory service with the least care in the most places. Some of these roses had been tried for years; others were just being propagated for dissemination. But the Department of Agriculture has no means of selling or distributing large quantities of roses. Therefore, various members of the American Rose Society suggested a way in which these Van Fleet rose creations should be given proper distribution.

AN ingenious and picturesque method of handling a little brook is to be found in the Country Club District of Kansas City. One of the roads cut across a brook. The obvious method would have been to build a bridge. But the designer was avoiding obvious methods, and instead of throwing a bridge across the stream, he dug out the stream bed at this point and laid in a concrete base the width of the road. Step ping stones on each side are for pedestrians. Cars and horseback riders splash through the stream. In spring and fall when the water is too high the ford is closed, and traffic goes around another way.

ONE of the reasons why House & Garden is valuable to its readers is the fact that it shows the work and prints the articles of professionals who are constantly designing houses, laying out gardens and decorating rooms. These professionals have more to offer than the mere hack writer. Thus, in this number, we show the work of, or contributions from, eight practicing decorators, seven of whom are New Yorkers. The work of six architects is shown, three from New York and three from California. The illustrations are from such widely distributed areas as New York, Vienna, Paris, Florence, Cleveland, Pasadena, Detroit, England, Boston, Philadelphia and Delaware.

DOWN in this corner we purpose to print each month something about these contributors. For example, old readers of the magazine may often wonder who Gardner Teall is. He’s been writing regularly for these pages since 1915. Or what Ethel Peyser looks like and why she knows so much about kitchens. Or Mrs. Perrett, who writes on tulips in this number, or Mr. Ortloff, who writes on birch trees. Next month, when there is more space, we’ll tell who these good people are.
A HOUSE SEEN FROM ALL SIDES

When a house can be approached openly from all sides, there can be no definite front or rear to it; the service wing must be as attractive as the master's wing. An example of this is found in the home of Norman Toerge, Locust Valley, L. I. It is built on a low hill surrounded by trees. As there is no attempt at formal landscaping, the house can be equally well appreciated from any point. Other views of it are on pages 38 and 39. Howard Major, architect.
MODERN FRENCH and VIENNESE DECORATION

France Is Combining Period Decoration With Art Nouveau. Vienna Shows
The Ultra Secession Spirit in New Decorations

GILES EDGERTON

To originate, to work wholly without tradition as though no art had ever existed before in the world, seems to be the intention of the modern school of art in middle Europe. Whether the expression is architecture, sculpture, or the making of furniture, fabrics, silver or porcelain, the effect must be (in form, color and texture) new to the existing art world.

It is this absolute determined originality that sometimes produces a sense of shock in the minds of those more accustomed to being led into art adventures down gently sloping paths of tradition and memory. But the whole scheme of interior decoration in Europe today is to experiment, to test, to evolve from the unknown and mysterious new expressions of beauty in homemaking, or what seems beauty to eyes attuned to the "new art" movement in decoration.

Germany is unquestionably less handicapped in this new movement by developed periods in architecture and decoration. This is a curious fact, when you realize what she has accomplished in other intellectual achievements; in music and literature and philosophy you recall vast springs of interest that have influenced the drama, the scientific spirit throughout the modern world. But in art and architecture you seek in vain for a Goethe, Schiller, Wagner, Kant, for a Hauptmann, or Straus!

There were, to be sure, Boecklin and Stoeck and Klimpt, but these were men rather of naive fantasy with fresh poetical minds, who found quaint adventures into strange art lands. They could not well be imitated. Their art was not so much calculated to inspire thought, as to create an emotional reaction to their creation. It is not so many years, a decade or two, since Europe decided upon self-determination in art. It is easy to remember those famous art slogans that came to us from Paris and Munich—"Art for art's sake", "Art without tradition", "Art a law unto itself". And yet, of course, in time, these gentle lawless creators became organized and in Munich they were the Secession men and in France Art Nouveau. But even though grouped they still recognized no authority. They expected to achieve a fully developed art in one generation, and yet with their furious determination to be original, they were controlled by one point of view, to dominate art with flowing lines. One could be original, but not individual. And perhaps because of this very limitation the new art swept over Europe, dominating architecture, sculpture and the crafts, admitting no other period of art into companionship. The past was ignored and there was no truth in any present art except the often spineless fluidity of Secession and Art Nouveau. In France Lalique was its prophet, in Germany and Austria there were several in command, Hofmann, Pecht, Reinhardt, dominating.

In no way should this movement be associated with the modernist movement of today, the Cubists, the Futurists, the Primitives. These schools are all a reaction from the conventional early periods of art, not a development of European Secessionists. Today, especially in America, we seek
The study in the Paris home of M. Bernheim has walls hung in fluted folds of green velvet. The furniture is Louis Phillipe in form with gold frames.

The bathroom in Mme. Bernheim's home is of blue and green mosaic. The bath has a marble surround, and the dresser has a marble bracket.

Drawing room in the home of M. Kapferer, has walls of gray and yellow damask and a typically Art Nouveau fireplace of yellow marble.

to be archaic or to be wholly primitive. It doesn't in the least matter which. We either want art that seems very old or that is so infantile that it still seems a little incoherent.

In time, as the craze for the "new art" increased the most adamant of the producers began to crave some sort of authority, some whisper of paternal wisdom, and the Secessionists as well as Lalique turned to Nature for help, feeling quite safe on her green threshold. And for a number of years this phase of art was dominated by curving vines, rounded flower petals, strangely elaborated leaves, always curves, circles, ovals, delicately modeled figures twined about other curves; an essentially graceful art, without fire or ecstasy except in color.

This epoch of art, for we would not be allowed to call it a "period," has continued its grip on Europe up to the present day, especially in architecture and interior decoration. It has developed some very curious manifestations according to the temperament of the individuals most interested in its expression. Just before the war in some instances it degenerated horribly into monstrosities in architecture and decoration. "Anything to be different" had become the slogan, and eccentricity became the goal in both France and Germany. The early influence of the beauty of nature was swept aside, and terrible distortions followed, not only of nature, but of the human body, and then manifestations of cruelty, of strange delight in wantonness—as the use of man's heads for the capitals of supporting columns, the weight of mighty walls resting on upturned faces. And then a cessation of art expression during the war. And today a vigorous uprising, especially in Vienna, along the finer, earlier Seession lines, and in France still an appreciation of Art Nouveau but some barriers down and occasionally simplified period furniture introduced quite charmingly with the "new art."
September, 1922

A recent exhibition in New York reveals to us the old spirit of Viennese art in its purest forms and richest trappings. In these rooms, shown in our illustrations, the decorations and furniture are all designed and executed by Joseph Urban, that Viennese genius who has done so much for stage decoration in this country with his scientific knowledge of color and his fearlessness in creating new forms of decoration. In these schemes we see Urban's great cleverness in the use of simple materials for ornate effects, the original forms of his furniture and cabinets and the interesting manner in which he has incorporated all paintings into his scheme of wall decoration.

There is no trace here of that tortured spirit of a dozen years ago. It is sincerely and earnestly the presentation of the New Art as one skilled believer in it can set it forth.

Pechi's wall papers and silks are used to decorate the wall—those curious, shaded stripes of gray, or yellow, red and black, often with superimposed designs of white lace or colored flowers. Black woodwork predominates, with a fine finish of silver beadings in one room, with white beadings on black stripes or black on white in two other rooms.

The walls on which the modern lace is displayed are tightly stretched gray velvet. And all the little cabinets and alcoves which show porcelains and silver are lined with a cool strong shade of green. Floating curtains are cool, apple green chiffon with an interlining of sky blue. If one could write as simply, freshly and surely as Urban uses color you would easily picture these rooms, so startling, so fresh, their beauty resting so completely on the new art of Vienna as Urban sees it and accepts it.

One of our illustrations shows the entrance hall, with a famous Klimt figure painting in the center panel. Either side of a circular black and white rug (Continued on page 108)

A baroque note is given this detail of a French bedroom in the shell pediment over the door. Plain silk is the wall decoration.

M. Monteux's salon with Art Nouveau side lamps of metal and alabaster. The mantel also new art, and the chairs Louis Philippe in feeling.

Definite suggestion of Louis Philippe in these chairs, with Art Nouveau mirror, and walls covered with tightly stretched mauve satin.
An unusual effect has been given the living room walls; they are crackled and antiqued in blue. The floor is painted red and waxed. Hangings are of a brilliant red design on a gray background. The rug also is gray. The chimney piece is of red lacquer with the brick surrounding painted white to act as a vivid contrast to the mantel.

A vaulted ceiling and brick walls painted white form the background of the living porch. The furnishings consist of Colonial oak Windsor chairs and a gateleg table combined with wicker. The floor is of red tiles, a color repeated in the glazed chintz shades. The architect was the decorator of the house.

In the dining room, mauve colored hangings are used against dark walls. The lighting fixtures are painted the mauve of the hangings and the floor painted a darker mauve and waxed. These painted and waxed floors are a distinctive feature of the house, each room being treated in a different color.

THE HOME OF
NORMAN TOERGE,
LOCUST VALLEY, L. I.

HOWARD MAJOR, Architect
The house is set in a natural grove and both the front and the rear are treated with dignity. The brick walls are painted white and left to weather. The shingle roof has also weathered to a silver gray. Touches of color are found in the stiles of the shutters, which are painted pale blue.
EXTENDING SUMMER
Take Advantage of The Early Spring and Late Autumn Months, and Learn What the Countryside Can Offer You

COMMUTERS to country districts may have noticed of late years a strange company traveling on the trains in early summer and late fall. School children, boys and girls, with their books and their noisy enthusiasm. The younger ones are guarded by their fathers; the elder are quite able to travel alone. Finally arrived at the city, there are affectionate good-byes at the train gate. The children go on to school and their fathers to the office.

There was a time when this was not so noticeable. Ten or fifteen years ago the custom of country house owners was to stay in town until school was closed and rush back in the autumn for the opening of the school year. The children go on to school and their fathers to the office.

There was a time when this was not so noticeable. Ten or fifteen years ago the custom of country house owners was to stay in town until school was closed and rush back in the autumn for the opening bell. It seemed to be the orthodox belief that country living began and ceased when the Education Board said so; that summer started and ended according to the dates in the almanac. This strange dogma was shattered, like so many of our quaint and beloved dogmas have been of late by the realization that common sense had no regard for such things as educational boards and almanacs. We found that the clock could be moved forward, although some preachers at first ranted against this, apparently believing that Divine Providence went about the world like an expert watchmaker, setting the clocks. Having found the day elastic, we are now learning that summer also is elastic and that the enjoyable seasons in the country, especially in the North, range anywhere from March 15th up to Christmas.

IN thus extending summer we had been able to accomplish many things.

First, we are now able to enjoy the country ourselves. In July and August the average country house is filled with company. We live from one hectic week-end to another. The grocery bills swell to enormous proportions. Father is obliged to take an occasional night off in town in order to rest up after his arduous duties as host; mother sleeps from Tuesday night till Friday brings the next batch of guests. One has constantly to be dressed up. It wouldn't do, so custom says, for your guests to see you in gardening clothes. But in early spring and late autumn guests apparently manifest no enthusiasm for the country. The grocery bills are normal again, and you go putting about the place or tramping across country in any old comfortable rag that comes first to hand. The grocery bills swell to enormous proportions. Father is obliged to take an occasional night off in town in order to rest up after his arduous duties as host; mother sleeps from Tuesday night till Friday brings the next batch of guests. One has constantly to be dressed up. It wouldn't do, so custom says, for your guests to see you in gardening clothes. But in early spring and late autumn guests apparently manifest no enthusiasm for the country. The grocery bills are normal again, and you go putting about the place or tramping across country in any old comfortable rag that comes first to hand. To put it in candid and not altogether polite parlance, the country house owner secretly looks on the summer months as the time he runs a free boarding house for his relatives and friends. In early spring and autumn he can be himself and enjoy his family and the country.

A SECOND advantage in extending summer is that you really have a chance to garden adequately. The heavy work in the garden comes in spring and fall months. In the spring you are starting the garden off—clearing off the borders of their winter mulch, sowing annuals, laying out the kitchen garden, and a thousand other duties. In the autumn there are bulbs and roots to be harvested, new borders to be built or old ones changed, shrubbery to be set out, and the kitchen garden spaded up or sowed to a cover crop. Such things cannot be accomplished with a houseful of guests, but no garden can exist unless they are done. By extending summer we give our gardens opportunity for the care they need.

TO these two advantages may be added a third, and quite the most obvious advantage. Until you have tried the early spring and autumn months in the country, you will never know what the country really is like, or how beautiful spring and autumn can be. Those sharp weeks before the elms show their red haze are filled with a peculiar beauty. It is the sort of beauty a child has just before it awakes. On all sides are to be found promises of the rich burgeoning that will follow—in protected corners the grass is delicately green, a courageous crocus appears in a sheltered pocket of the garden, the forsythia is just about to release its golden bells. In these early days you go about pecking under the mulch of the borders for old friends of last year, you count your gains and your garden casualties. Walk along country roads, and on all sides you see life beginning again—farmers at early plowing, bonfires burning up trash, windows that were closed all winter being flung open to the first warm breeze.

The late autumn months are the reverse of this. Stubble flies in the fields. The garden beds are mulched now, and the tender things hidden from the frigid blasts in pit and cold frame. Only a hint of autumn's color is left. Neighboring houses that were hidden by the trees now stand out naked and near. The roads are hard to your feet and there's a snap to the air that sets your blood atingle.

EXTENDING summer into late autumn has its effect on the house. Porch furniture looks strangely out of place indoors; and it is hidden away till next season. If one intends to stay in the country through autumn, heavier curtains supplant the lighter fabrics of summer, slip covers are taken off the chairs, furniture is moved about in the living room so that it is convenient to the fireplace.

Meantime the apartment or the house in town is being fitted up for the winter. When you finally leave the country and go back to town, the transition is gradual. By degrees the weather has driven you indoors. You return to town, and the change is no shock to you. You have taken all that the country has to offer you. Now you are ready for what the city gives.
THE STREET SIDE OF AN ITALIAN HOUSE

The Italians had a habit of building their houses directly on the roadway and presenting to that public street a façade that indicates little of the life inside. Shuttered windows on the second floor and windows protected by grilles on the ground floor offer, with the entrance door, a rather forbidding aspect to the passer-by. This custom is especially well shown by the Villa Dante Alighieri, on the Street of the Scissors, near Florence. Contrasting with this façade is the friendly and colorful arrangement of the house on the sides which face the garden and interior court, as shown on pages 54 and 55.
This panel, the one at the bottom of the page and the one shown opposite belong to a set painted by the French artist Jolly for Francis Cottenel. This is a glimpse of the Hudson.

A companion piece to the two circular painted panels shown opposite, this colorful study of ducks brings an old-fashioned air to a modern dining room.

Color and the dignity of balance can be given a dining room by using two painted panels, copied after designs by Robert, and hung above twin console tables.

This painted panel, and the one shown opposite, both copies by Victor White of panels by Herbert Robert, hang in the dining room of Mrs. E. V. Douglas.

The panels by Jolly are dated 1858 and in both method of painting and color are characteristic of that time. They bring into a modern apartment a Victorian note.
The decorative panel, as such, had had a hard time in surviving the modern conditions of home-changing. Whether the trouble is with our characters or our circumstances we do certainly move about a great deal more than the artists who painted panels, and the people who had them painted, ever intended. They imagined that they were beautifying a home, not contributing to the impedimenta of those who now lightly "pitch a moving tent a day's march nearer"—they know not what!

Such is the case, however, and many pleasant pictures set over doors, or mantelpieces, or in dining room walls, have chanced to be abandoned when younger members of a family left the old family house. Happy those who could remove the charming paintings and bring them, not inappropriately, into new surroundings; or have beautiful views copied by competent hands and placed in the time-honored positions of panels long since gone from them. They make a most delightful sort of decoration; not so elaborate as a wall fresco, not so important as a portrait, but companionable to live with and, once detached from their original resting places, convenient to move.

Of the panels shown in these illustrations, seven came from one of the fine, dignified old country-houses on the banks of the Hudson. The house of Francis Cottenet, "Nuit"—next to "Nevis" the house of Alexander Hamilton—and now absorbed into the Ardsley Golf Club.

The largest of these panels, that with the white steps leading down to the water, was once over the library mantelpiece. The two other views, one of the distant Hudson and one of the bridge across a narrow ravine in the grounds, were over the doors. They hang at present on the drawing room walls of Miss Fanny and Mr. Rawlins Cottenet's apartment in New York. The round panels with the birds and rabbits hang in the present dining room about as they once were placed in the past one; whose high ceiling, long French windows and stately proportions belonged to a period when people built to provide themselves with light and space, not to economize room. Interestingly enough the family tradition has it that the pictures were painted by the French artist, Jolly, who also did some decorative panels for the Belmont house, and who, upon discovering some particularly excellent method of coloring stuffs, abandoned his brush and founded the present dyeing and cleaning firm of C. Jolly and Son.

The two long lovely landscapes, over the beautiful tables, are the property of Mrs. E. V. Douglass, and painted, after two celebrated pictures, by her son Victor White, whose charming Room of the Fountains at Wanaemaker's is well known. These panels are particularly suitable for their place.
Uncut moss edging in black and gold makes a delightful curtain finish. (Right) Charming Directoire fringe in red, white and blue.

Very plain and smart is the gold silk braid shown in the photograph above with its central stripe of vivid red adding an unusual note.

TASTE IN CURTAIN TRIMMINGS

Whether One Uses Fringe or Braid, Much of a Curtain’s Success Depends on its Edging

ALEXANDER KING

The same selective sense which determines the proper molding to frame a particular picture or mirror planned for a definite space determines the exact type of trimming which is best suited to the curtains at the windows.

There is a fine old tradition to be followed in the matter of trimming for those who know their history. Each of the great styles produced its own particular method of treating this essential detail. Early examples are still extant on church vestments of the Middle Ages, and as we pass on towards modern times the trimmings keep pace with the luxury and refinement of each succeeding generation, resulting in a bewildering array of (Continued on page 80)
In order not to have too much figured chintz in a room, it is advisable to use a striped material on the chairs. Durable denim in combinations of mulberry and gray, blue and gold or brown and blue is 36" wide and 85¢ a yard.

This gay striped mercerized fabric that is practical as well as effective would be charming on chairs. It comes in blue and red, blue and yellow, red and green, red and yellow, tan and brown or cream and yellow, 50", $3.75
COLOR SCHEMES
FOR MEN'S ROOMS
Color Should Be the First Consideration
In Planning a Man's Room
CHANDLER W. IRELAND

Civilization has decreed that a man should appear a sombre creature, merely a background for the showing of Milady's gamut of color. As a reward he is allowed a bit of color in the shape of a bright cravat, a gay ribbon band for his straw hat, or a splash of brightness in his handkerchief. These are his allowances in the division of color, to be displayed to the world in general. But when it comes to a question of his own rooms it is quite a different story. Here he may burst forth in all the glory of the rainbow if he so desires, and where is the man who does not like a spot of strong red or blue or yellow somewhere?

When the problem of furnishing a man's room comes up, visions of the old-time "den" with its unbreakable Mission furniture and turkey red hangings are invariably brought to mind. Fortunately we have gone a long distance from that horror and now...
realize that men's rooms are not necessarily lacking in dignity and masculine quality if they are made interesting by an intelligent use of color.

In the early days of the world, it was man who provided the color interest, by the feathers in his hair and the brilliant skins about his waist. He it was who drew crude pictures on the cave walls and hung up brilliant trophies of the hunt to satisfy his own craving for color. So it may be still this inherited longing for brightness that his own rooms are usually never lacking in color.

If he is a man whose greatest interest lies in outdoor life, in sports, hunting and the like, he will have a fine collection of old English hunting prints, showing the vivid hues of the chase. Oak-grained walls, if real oak paneling cannot be managed, Jacobean printed linen curtains hound in red over soft green casement curtains, a fine old English oak or walnut desk, simple carved high-back chairs, one or two big comfortable over-stuffed chairs covered in the same linen as the curtains, a couple of small green and gold lacquer smoking tables and a heavy plain tete-de-negre carpet, would make a splendid background for the prints, and a most restful comfortable room full of color.

If the room is large enough there should be a sofa done in red velvet, flanked by a pair (Continued on page 106)
In the West and Middle West the sun room has been developed to a higher degree than in the East. It has become a room distinctly furnished as a transition between the garden and the indoors. Thus, this end of the sun room in the Cleveland residence of William Halle has a reminder of the outdoors with its touch of wicker, its goldfish bowl and flowering plants.

The other end of the room is indicative of indoor furnishing. The arches shown in the other view are balanced at this end by two narrow architectural bookcases on each side of the door. Below the bookshelves are radiators concealed behind grills of the door. The tiling of the floor is softened by a rug. It is the sort of outdoor-indoor room that can be lived in the year round.
TAPESTRIES IN THE DECORATIVE SCHEME

Used Either As Background or Decoration They Invariably Enrich Any Interior With Their Color and Design

PHYLLIS ACKERMANN

Tapestry is an ambiguous decoration. It plays several roles in the furnishing of a room so that it is often something of a problem to know which is its proper part. In the first place, it may be counted just a woven material, more elaborate to be sure, but still on a par with the simpler wools and silks that have long been used for curtains and upholstery. Or it may be considered in a class with the leathers and the heavier damasks and brocades that have from time to time been used as wall coverings, permanent parts of the finish of a room. Or, finally, it may be regarded less as decorated fabric than as decoration pure and simple, step sister to murals and painted panels.

If it is to be used as drapery, we hang it in full folds to cover wall or door or window. But when a wall space is to be covered, it becomes an aristocratic wall paper and we stretch it tight and fast in panels, or even in continuous surfaces. Or if it is a fabricated mural that we have in mind, it is hung in an architectural setting, and used as a kind of indirectly painted picture.

Tapestry, at different times, has been all three of these things, drapery, wall covering, woven painting.

Gothic tapestries were of two sorts, the decorative and the ecclesiastical. Decorative...
DIFFICULT indeed would it be to conceive of a time when the love of jewelry did not play some part in personal adornment. If prehistoric man engraved figures of mammoths on pieces of ivory tusk, that same decorative instinct as surely had led him to conceive the beginnings of trinkets for the person. The anciencty of historic jewelry is well established. Babylonia, Assyria, Egypt, Greece, Rome—civilizations of these ancient states produced marvelous pieces of the jeweler's craft, things that reached so high a state of special perfection that it is the despair of the modern craftsman to attempt to compete with their workmanship.

From earliest times engraved gems have found great favor in jewelry. The ancient signet rings which have come down to us stand testimony to this, also the Biblical references in the Book of Genesis and elsewhere,—the signet with which Darius sealed up the lion's den (Gen. xii. 42), the signet which Judah found so discomfiting (Gen. xxxviii) and the signet with which Queen Jezebel signed the false letters about the vineyard of Naboth (Dan. vi. 17), to note a few instances of such mention. Undoubtedly these signet rings were set with engraved gems, cut intaglio. In the British Museum there is an egg-shaped piece of pink-veined marble, some 2½" long, pierced from base to apex and engraved with a Babylonian inscription which has been deciphered to read as follows, in translation: "I, Sargon the King, King of Agade have dedicated to Samos in Sappira". This ancient intaglio has been determined by authorities to have been cut 3900 B. C., 5721 years ago, think of it! One of the most ancient evidences of sophisticated art. The Egyptian engraved gems in the form of the scarab (the sacred scarabaeus beetle) were in general use as early as 2500 B. C., thirteen hundred years after the reign of the Babylonian King Sargon. From an epigram in the Greek Anthology, we learn that the sly Cleopatra's signet ring was set with an amethyst engraved with a figure of Meth, who was the goddess presiding over drunkenness and who was depicted as a nude figure surrounded by various symbols,—cups, hydra, thyrsus, grapes, vine, etc. The engraved gems of steatite, rock crystal, carnelian and chalcedony of the Mycenaean period in Greek civilization survived the Dorian invasion of 1100 B. C. which submerged that power and undoubtedly gave impetus to the engraved gems of the later and glorious period of Greek glyptic art which produced the incomparable intaglios cut between 450 and 300 B. C. The Greek engraved gems of the archaic period (down to the end of the Fifth Century B. C.) were, mainly, scaraboid in form. An exceptionally fine agate gem of this sort in the collection of the British Museum represents a dancing satyr holding forth a drinking cup. The minute details are exquisitely wrought and it is, indeed, a monument of art of the Greek gem engravers of the time (circa 500 B. C.)

The engraved gems of the finest Greek period (450-300 B. C.) are more rarely to be met with than those of the earlier and later periods. The ancient engraved gems were mostly cut intaglio, that is to say, the device was cut in forming depressions which, when used as a seal would give (Continued on page 104)
Color plays an important part in this living room. Rough plaster walls tinted dull gold contrast pleasingly with old needlepoint chairs, a couch done in plum colored velvet and a carpet of tete de negre.

Quite the most interesting thing about this unusual hall is the wrought iron gate through which one catches a glimpse of the dining room. J. C. Demarest & Company were the decorators.
House & Garden

In the morning room of the New York apartment of Mrs. Isaac Untermyer the walls and woodwork are gray tan. For hangings is used a chintz of antique Portuguese design, bound in red sateen. One chair is in red leather.

A bedroom in the same apartment has soft yellow walls and woodwork, a tan carpet and old hooked rugs. The bed is draped in a chintz brilliant with mulberry, yellow and turquoise blue. Fakes, Bishke, Robertson, decorators.
A sense of openness is given a room not only by wide doors and windows but by the furniture being grouped so that much of the floor space is unoccupied. Both of these features are found in this country house living room.

On another side of the morning room in the Untermyer apartment is found a delightful grouping of an old mahogany secretary, with its chair in red leather, together with two occasional tables of antique design placed close at hand.
At the southernmost end of the garden is a terrace where one may walk on a sunny spring day—much as the Divine Poet must have walked—and enjoy the superb view of the City of Flowers spread along the valley below.

THE VILLA DANTE ALIGHIERI

The Former Home of the Divine Poet Is Still Preserved
As a Thirteenth Century Italian Manor House

ROBERT CARRERE and MORGAN HEISKELL

NESTLING at the foot of the Fiesole hill, completely concealed in an ilex wood, stands the Villa Dante Alighieri. In this villa Dante lived and worked before the years he spent in exile from his beloved city of Florence. Afterwards purchased in 1332 by the Portinari, the family of Beatrice, the villa has changed hands many times and now it has passed into the possession of Signor Bondi.

Situated on a gentle rise of ground, it commands from its loggia a magnificent panorama of the distant city. On the eastern side is the approach to the villa, which is quite characteristic of Tuscany—one arrives at the door opening directly on the street called Via Forbici or the Street of the Scissors. Beyond the vaulted vestibule, is the delightful mediaeval cortile entirely surrounded by an open loggia on the second floor. The loggia is supported by one of the earliest types of Florentine arcade, the stone work painted in the old manner. The ceiling of beams and rafters, that forms the roof of the loggia, is painted in tempera in designs of coats of arms and arabesques exactly as they were when the ancient place housed the Divine Poet. Around the cortile, on the ground floor, are many rooms for entertaining. The drawing room, formerly the only large room, was in Dante’s time the living and dining hall combined; since then various rooms have been added in each epoch and decorated in the contemporary taste of the age. There is a splendid open staircase ascending to the floor above where one finds today, in addition to the rooms that the poet used, many others that have been built in recent times.

However, none of the changes detract from the atmosphere of the 13th and 14th Century manor house. All that was originally part of it has been scrupulously preserved by the present owner, who is celebrated in Florence as an authority on the art and architecture of his country.

The surroundings of the villa consist of a charming...
natural park shaded by old ilex, chestnut and oak, descendants of those that stood guard seven hundred years ago. To the south of the villa, on the slope of the hill, lies the garden whence one looks across the valley of the Arno with Florence’s many campaniles and domes rising along its banks. The first half of the garden near the villa is new, as things go in Italy, having been laid out as a tropical garden after the fashion of the 19th Century. The second half compensates for the first in as much as there is nothing of the deplorable Mid-Victorian influence found there. Flowers in profusion, trees natural to the landscape of Tuscany, all the features of the formal garden that are so necessary a setting for the Italian villa, have been preserved.

When one stops to think of the influence that the work of Dante has had on the literature of Italy and its consequent effect on the civilization of Europe, one realizes that the Villa Dante Alighieri preserved through nearly a thousand years in perfect condition, is one of the most interesting historical monuments to be found in any country.

Perhaps the most vital monuments are those houses which have held a great personality and which are in themselves pieces of architecture worthy of that occupant. When, as here, they have been scrupulously preserved, they become part of the cultural background of the nation and the world.

The principal feature of the western façade is the tower, whose counterpart is always to be found in the old Tuscan villa. The 19th Century addition at the extreme left contains the bedrooms.

The delightful mediaeval cortile is entirely surrounded by an open loggia on the second floor. In the center stands an old stone well, upon the head of which can be faintly traced the arms of Beatrice Portinari, whose family purchased the villa in 1332.

To the south is an open loggia, supported by an arcade, that looks down upon the flower garden. As will be noted, the villa and its gardens are being maintained and the atmosphere of the 13th Century manor house scrupulously preserved.
WHO is there who has not wandered down some leafy forest glade and stopped to admire the arched gracefulness of the white birch, or to exclaim at the delightful pictures they make against a sombre background of leafless trees in winter. Yet consider how rarely this much admired tree, and all its kin no less lovely than itself, is used to form pictures in our own landscape compositions.

Perhaps it is because we have only stopped to admire native scenery as scenery, and have not taken the time or the trouble to assure ourselves that these same things which go to create beautiful, natural pictures, can do the same in the more intimate spaces of a country place. Or again, perhaps the birch is merely a tree of triviav appearance to us, and we have no further knowledge of its characteristics or possibilities. If this be the case then it is high time that we became acquainted.

The birch tree has always been a factor in our lives, and the lives of our forefather, the country’s pioneers. They in their turn appreciated the benefits and utilitarian possibilities of this tree from the Indian, who used its bark for his canoe and his wigwam, and who knew that certain species had bark with a medicinal value. Then later this valuable tree became a source for paper pulp, and cabinet woods. However, it has always been a tree which appeals to the esthetic sense of the artist and the poet. It has that gracefulness of line, and the delicacy of texture which captivates and charms.

But as plant material for landscape compositions it has a place of its own. It does not make a street tree of lasting duration or of great usefulness. It is best suited to a location at the edge of the forest, where it stands out in great beauty in front of a background. It is seen to a great advantage when its long, drooping, graceful branches trail almost to the water’s edge, and double their beauty by reflections. As a specimen tree it is admirable, for it develops into a close branched, rounded head, and adds distinction to its surroundings. Another interesting possibility is to use it as an accent point or the termination of a vista in the woods themselves. The white purity of the birch trunk will invariably attract the eye, and lend color to the mottled green of the woodland.

The birch tree has been known and valued for centuries. Pliny in his writing speaks of it and derives the name from the word *bitumen*, but others have derived it from its Celtic name *bitu*. However, the most interesting derivation is from the Latin word *batue*, meaning to beat. Perhaps there are many schoolboys of a few years back who will appreciate this meaning, for they remember how formidable the birch stick was in the hands of an irate schoolmaster. But in the Latin it is used because the fasces of the Roman lictors were made of birch rods, and these were used to beat or drive the people back.

There are twenty-eight known species of the birch family in the Northern Hemisphere; ten in North America; six or seven in Europe, and seven or eight in Asia. The most common and abundant with us is the gray birch (*betula populifolia*), or, as it is sometimes called, the Oldfield birch. This tree thrives even on poor soil, and is one of the first things to spring up on abandoned fields and burnt-over areas. For this reason it serves as a cover or protector to more valuable plants which spring up more (Continued on page 82)
With all its shimmer and glisten, and with all its suggestion of delicacy and fragile beauty, such a grove of young birches as this makes a sturdy, effective wind-break.

(Left) A natural growth of white birch seedlings (Betula alba), because of its grace, airiness and varying color, creates a superb setting for the green of the wild garden.

The river birch (Betula nigra) is the black sheep of the birch family; ragged but interesting, erratic in its habits; and a partner in the (birch) beer industry.

The paper birch (Betula papyrifera) is distinguished as the "farthest north" of trees and as the provider, in both the practical and poetic sense, of canoe covering.
The tulip garden of Mrs. F. G. Tallman, Wilmington, Delaware, is planted as a wide border around the outer edge of an oval lawn. A hedge affords a green background to the delicate tints of Clara Butts, white Stanley Picocees, pastel rosy Flamingoes, the rich amethyst of Valentines and the neutral-toned hues of the lavender-blue Dreams-Uterpes.

THE RICH COLORS OF TULIP GARDENS

In These Two Delaware Gardens One May Find Many Suggestions For This Autumn's Bulb Planting

ANTOINETTE PERRET

ONE of the most pressing things in October (although now it seems afar off), is to prepare for the May-flowering tulips. Not that you really have to put them into the ground until the end of October, and if your garden is still ablaze with heliotrope and zinnias or with chrysanthemums, you can even wait until the tenth or twelfth of November. It's the planning that takes time, the endless working up and correcting of your color scheme and the grouping and re-grouping of the bulbs by repeatedly changing the little pencil dots that represent them on your garden plan.

Tulips are such wonderful chalices of color, they come in such a myriad of marvelous tones, that it is no easy task to select them. It isn't just a matter of ordering a certain number of bulbs in your favorite pink or blue or yellow, the way we used to buy our ribbons and sashes when we were girls. It's ever so much subtler than that, and, of course, that is just why it is so fascinating and why you give such an endless lot of time and thought to the delightful and responsive task. And how fascinating it is to have a host of suggestions to work upon.

That is why I should like to tell you about Mrs. Barton's garden, for it is one of the most suggestive tulip gardens that I know, and of Mrs. Tallman's garden, which also is rich in color suggestions.

Tulip gardens are not unlike people. Sometimes you'll meet the loveliest garden, with tulips beautifully blended in their colorings, an altogether satisfying garden, but you'll be able to take it in at all at a single glance. A sentence would describe it. You like it. You have no fault to find with it. It is perfect. But somehow it is not intriguing. Mrs. Bar-
ton's garden was so much more than just lovely. It was so altogether stimulating. You could go into it for a glimpse before breakfast. You could have tea in it in the afternoon. You could sit in it after dinner 'way into the gloaming, and never feel that you really knew it at all, or that you'd ever be able to penetrate its charm. It affected you with a haunting sense of beauty like one of Heine's little poems or Franz's songs. And the more you went about and studied the tulips and their various combinations one by one and one after another, the more stimulating the little garden would become, until it seemed as though it were a hundred gardens all in one.

Its appeal, too, was so varied. It did not limit itself to one mood or one personality. There were, for instance, the Clara Butts, that circled about the little round pool with its Italian sky-blue painted bottom. You know the Clara Butts and their brilliant rose color. They look well almost anywhere. I've seen them by a brick garden wall under windows, and in the deeper shade of some splendid old masculine ginkgo trees. Their rose color, too, is lovely with all the blue May flowers, lovely with the blue of phlox divaricata, with the blue of the tall scillas, with the blue of the early irises. Mrs. Barton, herself, uses them with the light and feathery little flax. But they seemed above all to love the companionship of the light and cloud-reflecting water of the little pool with its vivid blue bottom. I always think of the Clara Butts as one's first love in tulips.

You will know what I mean when we compare their deep rose with the subtle tones that Mrs. Barton used.

(Continued on page 114)
THE DAHLIA SHOW

The heavy, waxy whiteness of Bortulanus Witte, one of the finest of the decorative dahlias, suggests to a remarkable degree the luscious texture of the much more tender gardenia.

Eckford Century, one of the strains of the century dahlia, is a large specimen of the single variety. It is a pure white flower with splotches of purple crimson.

Pride of California is a deservedly popular prize-winner. Being a successful exhibition dahlia, it is an ideal bloom for decorating both the house and the garden.

The brilliant salmon pink coloring of George Walters, combined with its long-stemmed sturdiness, makes it stand out from many of its neighbors in the hybrid cactus group.

One of the strains in the peony-flowered class is this dark-toned Hortulanus Budde. It is one of the loveliest and most satisfactory of the scarlet dahlias.

Both for garden decoration and for cut-flower purposes, Princess Juliana, of the decorative dahlias, is undoubtedly one of the best of the white varieties.

Note the divergence in type between this bloom of George Walters and the flower from the same plant in the upper right hand corner.
Delphiniums have been given unusual effectiveness in the garden at "Weld", near Boston, where they form great panels of waving blue. GRAND and stately are the improved hybrid delphiniums. Their tall spires of bloom rising to a height of five to seven feet supply our gardens with a wealth of blue that would be sadly lacking, were it not for these magnificent plants.

No other flower combines so many varied shades of this lovely color, the rarest in the garden. The soft azure of the forget-me-not, the rich blue of the gentian and the deep sapphire, royal purple, lavender and mauve hues are all represented. The petals suffused with a beautiful and indescribable rose iridescence form a brilliant setting for the tuft or "bee" as it is called of small white, golden or black central petals, which, by striking contrast, accentuates the beauty of these large outer petals.

Delphiniums are particularly effective in the hardy border or in masses in front of and among shrubs. In fact, they should always be seen against the background of some harmonious contrasting color, rather than against the blue of the sky. Yellow or white hollyhocks for instance, form a pleasing contrast.

Delphiniums of all shades harmonize with each other, and the effect of a group of seedlings or mixed varieties is perhaps more pleasing than a mass of a single variety.

In Europe a great many varieties have been developed and named. Most of these are very expensive, but while these fine European varieties are eagerly sought for, and many attempts have been made to establish them in this country, the imported plants have proved to be short-lived and gradually disappear. I do not know of any adequate stock of named varieties existing in the country to-day. They are very difficult to import, being unable to survive the long period in transit. Only a small percentage can be saved on arrival, and often all are dead. Now since the Foreign Plant Embargo is in force, further attempts seem hopeless.

There are two reasons why these European varieties have not succeeded here. First the change of climatic conditions is too great. Coming from the cool moist climate of northern Europe, they cannot endure our hot dry summers. In the cooler atmosphere of New England or the higher altitudes of our mountainous sections, they thrive to perfection. I have seen, in the Pocono Mountains of Pennsylvania, wonderful plants 7' to 8' in height, which originally came from our garden, but growing with a vigorous luxuriance that I have never been able to produce.

This would suggest that in the warmer and more humid valleys the coolest location in the garden should be selected for them, preferably where they receive some protection from the direct rays of the afternoon sun.

The second and probably the greater reason for failure of the imported plants is that named varieties must be increased from year to year from cuttings or frequent division of roots, and gradually the vital-
WEATHERVANES FOR HOMES WITH HOBBIES

Designed by JOHN HELD, Jr.

It may be bad taste to wear your heart on your sleeve, but you may, with impunity, flaunt your hobby from your ridge-pole. The flight of ducks is for the sportsman.

Modern Isaac Waltons might delight in this caricature of their favorite sport.

For the garage, Jack Held designs this reminder of "pleasantries" with the police.

The barn on a country place might be topped by this silhouette of waddling geese.

There is a smile in every zephyr where this cow surmounts the barn ridge-pole.

Goats are ridiculous at best - and even more ridiculous in such a weathervane.

The kennel can be represented by puppies of unnamed breed.

When the hobby is gardening, Jack Held suggests this symbol.

And where it is golf, a bunker shot will mark the veering wind.
FIVE SMALL HOUSES

Located in New York and California.

A low wall, with the house and the garage, encloses the old flower garden in the house of Wesley Beuell, architect, at Port Washington, L. I.

This view shows the garden and the living room and dining room wings.

A stone paved path and arbor lead off the living room toward the studio.

On an angle behind the studio the garage is conveniently located.
On these facing pages are shown four small houses from California, each distinctive in its design. The clapboard house is an American type with broad front porch and central hall. A downstairs bedroom is provided in addition to the two chambers upstairs. Reginald Johnson, architect

Stucco walls, a latticed porch, and a range of casement windows are features of the small house shown below. The living room occupies half of the first floor space. There are three chambers, a bath and sleeping balcony upstairs, as well as a sizable cedar closet. Louis du P. Millar, architect
California appears to accept all types of architecture, even the small house of English antecedents. This English house at Pasadena is executed with a high pitched shingle roof and plaster walls. J. H. Woodworth was the architect.

The rooms enclose a garden and terrace on three sides. There are two master's bedrooms and bath, a living and dining room, and the service concentrated in a long wing. The house has no vestibule, the entrance leading directly into the living room.

Reverting to the early California style, the architect has built this small house with flat finish plaster walls. An entrance leads both into the house and into a patio, which is enclosed by a high wall making it another room.

Adequate space is provided for a small family—two bedrooms and a bath, dining room, living room and patio opening on to each other, a kitchen and laundry porch. It was designed by J. H. Woodworth, architect.
Dutch double doors, of the days when New York was called New Amsterdam, were finished with wrought iron strap hinges, bolts and thumb latches in pure Colonial design. The latches were set on the bias for strength. At the left a detail is given of the thumb latch.

(The top three) A Romanesque door latch suitable for a modern concrete structure. An Egyptian door knocker of fine simplicity with spreading vulture wings and Pharaoh mask. A substantial and graceful wrought iron design for a hinge.

(The lower three) A door knocker of English Gothic influence with the typical ecclesiastical design rather delicate in form. Bell and key plate of Italian Renaissance design.

The Colonial bell and door knob with graceful scroll elaboration in the key plate are suited to the more elegant type of Colonial house. Adapted to wrought iron or bronze.

**IF YOU ARE GOING TO BUILD**

Consider The Period of Your Hardware

MARY FANTON ROBERTS

The old craftsmen had a way of making the essentials of house fittings interesting, picturesque, often beautiful. Every article of use, every garment worn, in old Japan for instance, was so wrought with love and appreciation that they became in time actual sources of beauty. It was the French craftsmen, the designers of furniture, the weavers of rugs, who made the French periods of decoration famous—not the pretty flippant ladies or the gallant little kings. In fact, it is the craftsmen the world over from Cellini to Duncan Phyfe who have woven years into epochs, not the politicians or the professional beauties.

If you know and treasure iron work—whether an ancient grille of Valencia or a window latch from an old French palace—you will realize how definitely and finely both tell the story of their time. How representative, for instance, is the sturdy, simple Colonial plate of those strong young, sincere days of our Republic; how inevitably the Elizabethan door-pull suggests rich old Tudor buildings with their dignity and fine ornamentation and costly beauty.

While Chinese craftsmen told pretty tales in brass and crystal and jade, and the Syrian smiths favored silver, finding its delicate beauty more to their taste, in the main it is that most sturdy yet most decorative of all metals, iron, in which the craftsmen of countless generations have wrought the history of their times.

As the quality of our architecture in this country is improving, becoming more distinguished, more individually
significant, it would seem natural that we should also develop furniture and fittings of a kind closely in harmony with these beautiful, modern American homes. But, as a matter of fact, we are not doing this to any extent. As yet we have no furniture except the Colonial that is in any way original and typical of a period of architecture. Neither have we devised hardware, silver or fabrics that could be grouped together and called "typically American", a product of this generation.

Although our Colonial architecture, furniture, decorations and wrought iron may carry a hint of a beauty that was originally England's, it is, nevertheless, a product of a certain type of civilization in this country. The fine design, the beautiful simplicity of the houses, the warmth of color on the walls, the severe grace in the furniture and the utmost simplicity with good form and proportion in the hardware, are all characteristic of the social, political and spiritual lives of those very charming ancestors of ours.

As we acquired more money and came in closer touch with Europe, this type of civilization seemed to disintegrate; we began importing things that did not relate to our lives. We became, if not ashamed, a little reticent about our Americanism. We either copied Europe—corners of it that we liked—or we did atrocious, original things. In that Victorian era, we developed that shocking vogue for "invisible mechanism". Everything had to appear as though it did not exist. We hid our locks and latches; doors that were a noticeable entrance to another room or a hallway were regarded as an indiscretion. We could not tell how a window opened or a picture was hung, woodwork was flat and painted, everything was veneered. All of life seemed to be a flat-footed, bare-faced secrecy, as though nothing were really fine or interesting except it pretended to be something else. Those were sad days for art and architecture, for all craftsmen, for mental and spiritual development. It was at this time that imitation velvet was born and imitation (Continued on page 92)
THE collecting mania is all-embracing in its choice of objects, from postage stamps to ancient bronzes. People aplenty have been known to collect old houses, figuratively speaking, and a widely-read publication recently contained an article on collecting cellars of ruined New England dwellings. The precise whereabouts of each beloved excavation the author-hobbyist kept jealously to himself and regaled the reader with only a description of his far-scattered treasures.

The collection of fanlights—mentally and, by comparison, rather than bodily—is an hobby of easier indulgence and calculated to lead to more useful and constructive results. Once formed, the habit of keeping the eye open to note the numerous, variant phases of this particular feature, keenness of sight and memory will be stimulated and the sense of architectural appreciation measurably broadened. The faculty of judgement thus unconsciously acquired, as one goes from place to place, will inevitably be valuable to the observer whether he is actually seeking for inspiration to embody in a prospective dwelling or whether he is bent merely upon critical satisfaction.

Charm is given this doorway by its position and the fanlight. The recessed vestibule is painted the while of the door frame. The fanlight has radiating divisions, embellished by swags. This doorway, dating from the early 19th Century, is in the Beacon Hill section of Boston.

This late 18th Century doorway in Sidmouth, Devonshire, England, is remarkable for the intricate, web-like composition of its semi-circular fanlight. Radiating divisions are the major motif and lesser semi-circles, swags and cross divisions the minor motif of the design.
Sometimes the fanlight of the door is repeated in windows on the same façade. This early 19th Century example from Beacon Hill, Boston, has iron radiating lines with molded lead rosettes at intersections.

The fanlight is one of those items endowed with a double capacity of decoration and utility. Its physical function is to admit light over the door to hallways oftentimes otherwise devoid of windows. As a factor of ornament, its close and inseparable association with the doorway renders it a fitting vehicle of more or less elaborate decorative treatment whose detail is largely governed by the general character of the building. It also permits considerable latitude for the play of individual fancy.

The term “fanlight” is rather broad and elastic in its application so that in ordinary parlance it includes any overdoor light of semi-circular or semi-elliptical shape, irrespective of the way in which the glazing is divided or the decorative motifs employed. The origin of the name is easy enough to understand. The shape of the window is the shape of a fan when it is opened out all the way; the divisions of the window, in the majority of cases, radiate fanwise from the centre of the base like the ribs of a fan. The resemblance to an opened fan is very striking when, as sometimes happens, the space above the door is filled with radiating wooden slats instead of being glazed. This device belonged particularly to the beginning of the 19th Century and the very end of the 18th. It was graceful and diverting but open to (Continued on page 100)
LINEN CLOSETS
Planned for Both Upstairs and Down
VERNA COOK SALOMONSKY

To closet the household linens of the moderately sized home one main closet is essential. By using this as a base of supplies with dependent closets in each bathroom to take care of the daily demand for towels, and a series of drawers or enclosed shelving convenient to or in the dining room to supply the table linen, many useless steps will be avoided and the linen kept in a much better and less crowded condition. A well-ordered linen closet with its geometric rows of white linens instantly bespeaks good housewifery.

A satisfactory type for the principal linen closet, which, in general, is most conveniently located in the second story hall and within easy reach of the various bedrooms, is wide but shallow. The depth need not exceed 30", divided into upper and lower compartments, each provided with a pair of tightly fitting doors. A sliding countertop is located at a convenient height to form, when extended, a working shelf on which the linens may be sorted. The upper compartment is equipped with

(Continued on page 86)
All home builders today regard comfort, health and convenience as the essentials of a successful house. To acquire these blessings a house must be so designed that the details of construction preclude the possibility of fire, dampness, intense heat and cold and the annoying little house insect that is such a burden to most city dwellers.

The question of insulation has become one of the most significant details of modern building. Insulation for wall, floor, ceiling and roof is no longer considered an added expenditure, it is an investment, and actually returns large dividends to the home owner wise enough to employ it. The properly insulated structure is not only a means of economy in a matter of health and fuel, but it means, in the long run, that your house is an infinitely more delightful place to live in. It is quieter, the atmosphere is more wholesome, and your children are happier and healthier.

It is also worth considering that many of the New York bond and mortgage companies will not give full loan value on uninsulated buildings, because houses that are not protected against noise, heat and cold are harder to sell and rent and usually bring a lower rental than the house that has been built with a view to occupancy by people of sensitiveness and refinement. And so people who really want houses as investments or as homes in the fullest sense of the word are beginning to realize that a house worth living in is worth the best insulation obtainable.

It has been very cleverly said by people who have studied modern building that it is much cheaper to build a warm house than to heat a cold one, also much less work and annoyance, and the building of a warm house is just one expense while the heating of a cold one is a lifetime leakage.

It is also important and satisfactory to know that insulation well considered and well applied will meet all the temperamental building difficulties the house is heir to. If you insulate for fire, you will insulate for heat and dampness as well and the reverse is also true, so that proper insulation in your house meets three or four of the most complicated problems the home owner had to face in the old days of building.

When you consider properly insulating your home, the question should be thoroughly looked into. Send for catalogues, compare them, put them before your architect and builder; get their advice, because the best insulation in the world is the only right kind. It must be sanitary, fire-resisting and durable or it will deteriorate and the necessity for replacing it would mean great expense if it were possible at all. There are many fillings on the market which make a cheerful pretense of keeping your house free from fire, dampness, etc., but as a matter of fact a sad percentage of them are inflammable, a refuge for vermin and too tightly packed down to be of any importance.

Among the many really excellent insulating materials, there are some made of wool that are unequalled, of cel grass that is regarded as a miracle worker, of hair that certain builders and architects refuse to build without. Of course, there are many other insulating materials and combination of materials, and it is impossible to go into the details of all their virtues. But we do know that wool, hair and cel grass, as well as cork and asbestos, felt and gypsum, properly treated, properly prepared, will prove beneficial to construction.

The use of wool for insulation of heat and cold, sound and fire, is one of the significant developments in the progress of building today. There is nothing organic in its composition so that it cannot decay or become musty. The average weight of insulating wool used in building construction is about twelve pounds per cubic foot. And it is just as valuable in a warm climate as in cold countries. It is used in the side walls, in roofs, in the floors, in partitions. In the roof it is packed between the rafters with sheathing underneath them, and a minimum of 2" has been found effective. In walls and partitions wool should be put in at the same time the lath are being put up, whether the lathing is of wood or wire. After lathing up 2' or 3', fill in the wool as high as lathed, then a few feet more of lath, and fill up as before until the top is reached. Pack the wool closely to fill all the space compactly. It is obvious that one side of a partition should be lathed complete before any of the wool is put in. The pressure behind the lath does not prevent the plaster keying. It is sufficiently pliable to give way to the pressure. One necessity is applying the wool dry and seeing that it is not trampled upon before it is put in place.

The use of this wool in the roof of a house will make it possible to occupy the upper story without an air chamber. As a lining about bathrooms, it is especially important since it deadens the sound of valves and flowing water. Wherever it is used in bulk, it must, of course, be held in place by some retaining support or casing. The elasticity of this wool and lack of solidity, prevent the transmission of sound where it is used. As sound is communicated by the actual contact of beams or the vibration of air between them, it is easy to see how any

(Continued on page 84)

September, 1922

INSULATING THE NEW HOUSE

A Protection Against Fire and Dampness and the Changes of Heat and Cold, Insulation Is an Important Building Material

HENRY COMPTON
TO LESSEN KITCHEN LABOR
An Intelligent Use of Modern Equipment Reduces Both the Time and the Effort of Household Work

PETER DUNHAM

ALTHOUGH householders may find difficulty in inducing servants to use modern equipment, the householder herself should miss no opportunity to investigate these new devices. Once convinced of their value, she may be able, by subtle diplomacy, to introduce them into her kitchen. When they have been tried—that is, given a fair, intelligent trial—and their value assessed, they can be either permanently installed or discarded. But they must be given a fair trial. Too often one hears it said that some of our modern kitchen equipment is more bother to take care of or to run than the old style. In nine cases out of ten, the equipment has never been tried intelligently. On the other hand, many of the newer devices are equipped for electricity and their introduction into the household will depend upon the local price of power. Where power is cheap, electricity is the greatest aid to household work and electrically equipped devices the greatest boon to the householder.

Of the suggestions illustrated here, some are new, some not quite so new; each of them possesses some peculiar advantages. They might well be considered in this month when one is planning to refurnish the house for winter occupancy.

The first is an electric unit that beats and mixes puddings, sauces, creams, meringues, dressings and batter with a minimum of energy. Electric units such as this are invaluable. Straining is no longer a strain, freezing ice cream no longer an agony, mixing has lost some of its terrors. The attachments of this electric mixer are easily attached. It is equipped with a motor and stands 26" high.

Next comes a new laundry dryer, equipped for electricity or gas. Its size—22" by 38" high by 47" long—make it attractive for the small household. Below it are shown three excellent pieces of equipment—an electric hot plate with an open (Continued on page 88)
The lower level of Mr. H. Fletcher's garden is tucked into an angle formed by the pergola and the garage; the latter becoming an integral and unusually attractive part of the garden picture.

A GARDEN SCHEME
ON TWO LEVELS
AT WILMINGTON
DELAWARE

The second terrace lies above the third section on the opposite flank of the pergola and is formally planted with well-placed evergreens in upright shapes. In the center prostrate junipers are used effectively to soften the lines of the pool coping. Evergreen vines cover the walls.

The vine-covered pergola separates two levels and is itself a place from which both sections of the garden may be enjoyed in turn. Charles Wellford Leavitt was the landscape architect and James Burton Keen was the architect of the house and the architectural elements of the garden.
The decorative Queen Anne mahogany highboy at the left would be effective in either a bedroom or living room. It is 54" high, 33" wide and priced at $138. A mahogany Windsor chair with brace back is $40.24

A comfortable overstuffed davenport is an important part of every living room. The graceful one above comes covered in a small figured denim in blue, mulberry or taupe. It is 6' long and the cushions are down filled, $135

A Salem chest of solid mahogany, sturdy of line and always usable may be purchased for $95. It measures 35" high, 38" wide and 20" deep.
TO PUT IN THE NEW HOUSE

At the right is a solid mahogany single bed, a reproduction of an authentic design, $34.50. The slat back chair, copied from an early American model, is also mahogany with a rush seat. It costs $21.74.

The comfortable over-stuffed chair below is covered in figured mohair denim in black and gold, mulberry or blue and tan, $26.25. A little end table in mahogany finish is $6.24. Wrought iron lamp and parchment shade $5.74 complete.

(At the left above) For a bedroom comes a graceful chaise longue, remarkably low priced at $87.50. It is covered in figured blue or rose damask.

A decorative walnut console 42" long, only 10½" wide and 32" high is $25.50. Mirror to match 24½" x 16½", $15.48. Set of green glass candlesticks and bowl $25.

This low mahogany coffee table is $21. The top measures 26" x 16". Wedgewood coffee pot, cream color with blue and yellow band $3.50, cups $14.00 a dozen.
Narcissi—these are Empresses and Emperors—should be planted before frost.

The trumpet narcissus belongs in massed, well drained loam. This is Mme. Pleppe.

A wading pool walled in with ledges and rails by a tiny woodland stream.

With September comes the first faint sign of the transposition of garden interest to the fascinating regions under glass.

**SUNDAY**

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

1. Do not put out any spring plants, if they have not already been hardened off, as the ground is and will continue freezing. This can be remedied by the little precautions already mentioned.

2. Outdoors, there is a tendency to rest, and hardy annuals of this character may be sown in the open ground, if the weather is favorable. The later crops of carrying over from last winter, this will be necessary. This can be prevented by the little precautions already mentioned.

3. The last outdoor sowings of spring crops should be made in the middle of the month, using only the hardiest seeded type, which is called scarlet. The soil should be well drained, if the operations are to be successful.

4. Prune all deciduous shrubs and trees before the snow falls, as the young shoots should be protected from the winter winds by a dense covering of straw. If the only straw available to give this protection is dry, water the plants well before covering the shrubs.

5. Mow or clip grasses before the snow falls, so that the snow may be driven into the plants, and thus prevented from freezing; must be done on dry days, otherwise the growth of the grass is stunted, and the blades removed from the branches, etc., to the depth of several inches, and then returned to the plants, as already described.

6. It is said by some that melons and other garden vegetables in that period that the soil should be mowed before planting, in order to prevent the roots from growing too close, leaving the plants well ventilated, and thus preventing the plagues that are a menace to modern gardens.

7. Attention should be given to the cabbage and other similar types of vegetables, by feeding and fertilizing the plants, as already described.

8. This is one of the best periods of the year for setting out the young plants that are to be planted in the garden, the soil being well and constantly watered. Altho' though such an operation is not necessary, it is a practice that has been followed for many years, and is said to be the best method of planting, as already described.

9. This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

10. This is the time to transplant the best varieties of winter vegetables, such as onions, leeks, etc., or have them prepared for transplanting in the garden, as already described.

11. Prune all fruit trees, as already described.

12. This is the time to build a frame of greenhouses, as already described.

13. This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

14. Do not neglect to sow early with a view to the season of the year, and the greatest number of crops, as already described.

15. It is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

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29. This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

30. This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

**TUESDAY**

This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

**THURSDAY**

This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

**FRIDAY**

This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.

**SATURDAY**

This is the time to sow the best varieties of winter crops, such as carrots, turnips, parsnips, radishes, and the like, as already described.
HERE one may select appropriate appointments for each Sleeping Room, ranging from the quaint Colonial Mahogany and simple Painted and Decorated groups, of very modest cost, to the hand-wrought examples of Eighteenth Century French and English inspiration—each piece of which is separately priced, making it possible to assemble rooms of individual charm.

In the Galleries devoted to Furniture for the Dining Room and Breakfast Porch, an equal opportunity exists for the expression of personal preference, while the six Galleries of Occasional Pieces contain a wealth of suggestion, however simple or elaborate the requirements.

Altogether the Fall displays on view in these Galleries represent the most extensive variety of unusual Furniture presented by this establishment during the past half century.

New York Galleries
Grand Rapids Furniture Company
INCORPORATED
417-421 MADISON AVENUE
48th - 49th Streets ~ Formerly of West 324 St
NEW YORK

Deluxe prints of attractive interiors, simple or elaborate as desired, gratis upon request.
HOW TO MEASURE FOR CURTAINS

The Methods of Making Exact Figures on Heights and Widths Are Explained Here for the Home Decorator

ADA LA HINES

Opening curtain measuring may seem an unimportant item. But, after you have made your living room curtains a foot too short, or find the chintz in the guest room wrong side up or to your great dismay, discover one of those gorgeous birds on the chintz roller shades in the dining room has been decapitated and the other minus its tail-feathers, after such mistakes you will see the wisdom of knowing how to measure. Start with a folding 4' rule.

For the purposes of this article, it is best to take as model a window where you will use three sets of curtains—glass curtains, silk curtains to draw at night, and overcurtains and valance which frame the window.

For the glass curtain, which may be of any soft thin material such as net, muslin, or silk gauze, take the width measure closest to the glass, also the length to the sill. Determine where you are to place your brackets, and allow about fifty per cent fullness. These curtains should be made with a three-quarter-inch casing for your rod to run through and a heading the same size. See that they just escape the sill, because otherwise they may sweep up the dust from the sill.

The silk draw curtains should be placed a little farther out from the glass. You will find a detail of molding on the casing which seems the logical place for them. Take your width measure first, and allow about fifty per cent fullness. These should just escape the sill also. Having your correct window measure, and having the width of your material, cut this down to the required fullness if necessary. It is better to part with eight or ten inches of material than to crowd your window.

The draw curtains should be finished with a 1½" hem on the fronts and lower edges, and weighted tape run in the lower hems to make them hang straight. After making a 3" heading, which should be double, pleat them into the rod measurement. Sew heavy wire rings to the back of the box pleats, every 5" or 6" apart. These will take your draw cords.

Next let us take the measures for the overcurtains and valances. These will be of some heavier fabric, either a heavy printed linen or silk. They should hang to the floor in a formal room. We must also take into account the repeat of the design. The latter may seem formidable to one unaccustomed to measuring, but it is really not difficult. Let us suppose your window measures 9' in height. The repeat in the design is found by measuring from a certain detail of design down to the next point exactly like it. Suppose this to be 2'. Then, it is obvious that you must allow each cut of your material to be five repeats, or 10', instead of 9', so as to have each length begin at the same point. Be sure to place at the bottoms of the curtains that part of the pattern which seems heaviest, both in color and design. These will be bound, if of printed linen, on the front and lower edges with a 2" taffeta band to harmonize. Line them in satin and sew them to the very top heavy rings. No pleats are necessary on overcurtains. Let them hang 1" above the floor. Set the rods out on the casing as close to the outer edge as possible.

When you take your valance measure, it is customary to use the width from the very outside of the trim, although in some cases, where the trim is extra heavy, the valance and curtains may be placed entirely within the inside line of the trim. The valance width should be the same as the total width of the overcurtains, so that the vertical line on the outside of the casing is not broken. It is preferable to make the valance with a tape stitched to the back at the very top, so that it may be tacked to a valance board. Allow a 3" return at each end to tack around the board. In depth the valance should never be more than one-fifth of the curtain length, and preferably much less. About 15" is a good depth for a plain shaped valance, although in the curves it may have to be more or less to take in the design nicely. Center the most important part of the design, and if piecing is required, do so on the sides; never in the center. A box-pleated or gathered valance, which is straight on the lower edge, may be 12" to (Continued on page 112)
We like to think that the growth of Whitman’s, from the little shop in Philadelphia in the time of President Tyler, is due to the bed-rock devotion to quality on which this business is founded.

From the fair shoppers in 1842, drawn in quaint Victorias, who called at the Whitman shop, it is a far cry to the thronging thousands who now buy Whitman’s Chocolates every day in every town in America.

In stage coach days folks from New York, Boston and Richmond always took home Whitman’s when they visited Philadelphia.

Now the Whitman quality, with modern improvements and infinite variety, can be had conveniently in nearly every neighborhood in the land.

The names Sampler, Salmagundi, Fussy, “1842”, Super Extra, Pink of Perfection and Pleasure Island are full of significance for candy buyers. Each stands for the satisfaction of a special taste in confections.

Simply look for the Whitman sign on the selected store that is agent for the sale of Whitman’s Chocolates.
FREE—This Book on Home Beautifying

This book contains practical suggestions on how to make your home artistic, cheery and inviting. Explains how you can easily and economically refresh and keep furniture, workrooms, floors and linoleum in perfect condition. We will gladly send it free and postpaid for the name of the painter you usually employ. Fill out and mail this coupon.

My name is ..............................................
His address is ...........................................
My address is ...........................................

Johnson’s Paste & Liquid & Powdered POLISHING WAX

Every room needs the brightening touch of Johnson’s Polishing Wax. It will rejuvenate your furniture, workroom, floors and linoleum, and give your home an air of immaculate cleanliness. Johnson’s Polishing Wax imparts a velvety, artistic lustre of great beauty and durability. It gives a hard, dry, oil-less polish which will not collect dust or show finger prints.

Johnson’s Liquid Prepared Wax is the ideal furniture polish. It imparts a clean, dry, lustrous polish to which dust and lint cannot cling. It takes the drudgery from dusting. Protects and preserves the varnish, adding years to its life.

Johnson’s Polishing Wax is conveniently put up in three forms—Paste, Liquid and Powdered. Use Johnson’s Paste Wax for polishing Boars of all kinds—wood, tile, marble, composition, linoleum, etc.

Use Johnson’s Liquid Wax for polishing furniture, pianos, phonographs, workroom, linoleum, leather, shoes and automobiles.

Johnson’s Powdered Wax makes PERFECT DANCING FLOORS.

For Sale at All Good Stores

S. C. JOHNSON & SON
“ar the Wood Finishing Authorities”
Dept. H.G. 9 Racine, Wisconsin
(Canadian Factory—Brantford)

At the top is a quaint Victorian tassel fringe in blue and yellow. Much of the effectiveness of the narrow trimming in the center curtains themselves should be left with an elaborate tasseled fringe and a possible line of openwork gold. On the other hand, the wide air surfaces so popular at present must be given the air of repose and spaciousness calls for curtains of shimmering satin or taffeta, striped or plain, outlined finished in a delicately woven trimming reproducing the color of the mellow or a color in pleasing contrast, perhaps two or more colors arranged in separate little blocks or alternating threads will give the needed touch.

Gorgeous brocades in the manner of late 18th Century Venice may well be trimmed with a woven sea-foam, oceant and sparkling; whereas roundings redolent of the classic severity of the Brothers Adam rarely require quite a different treatment.

Chintz, an essentially informal fabric, offers a fairer scope in the matter of finish. Ribbons as bindings, ruchings or tassels are extremely attractive. Perhaps do not achieve quite the same air of good breeding as the quaint ball or tasselled fringes eyed by grandmothers. The delightful binding tapes in gay stripes are their way into popular favor with present day lovers of chintz. Appreciate a note of quaintness.
The owner of a Cadillac is impressed almost immediately by its day-by-day dependability. But what cements and seals his allegiance to the Cadillac is the continuity of this fine performance over a period of years. He gradually realizes that this dependability which he prizes is not a mere passing quality to be enjoyed while the car is new, but that it is to endure in all its fullness throughout his entire term of ownership.

From the time of that realization forward, and the realization comes certainly and clearly to every owner of a Cadillac, his whole conception of motoring possibilities changes and becomes infinitely broader and finer.

Every far-off state and city of fancy becomes instantly a place to be visited, and easily and safely visited, in his Cadillac. Every trip, whether of one mile or one thousand, he undertakes with the serene surety that not only will he travel in complete comfort, but that arrival and departure at a particular time in his Cadillac is almost exclusively a matter of his own decision. This is what the veteran owner of a Cadillac has in mind when he becomes extravagantly enthusiastic over his car’s indomitable dependability. It is a dependability that the Cadillac owner sincerely believes is unequalled; that he knows will endure not simply for a month or a year but throughout the entire term of service; not merely for one thousand but for many thousands of miles; and that is the deep, determining reason for his preference for the Cadillac.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN
Division of General Motor Corporation
slowly under such conditions. It also serves as a mantle of green to hide an ugly scar on Nature's face.

The bark of this tree is a dull chalky white, not easily separated from the trunk, and is marked with dark lines and dots. When the small branches are black or dark red and marked with dots. The leaves are smooth and variegated in appearance so that they reflect and intensify the light. They hang on long slender petioles so that even the slightest breeze sets them dancing and the tree seems ever in motion and gives a dash of life to an otherwise quiet scene, snapping it out of lethargy. Lowell has written of it:

"Thy shadow scarce seems shade, thy pattering leaflets
Spring like their gathered sunshine o'er my senses
And Nature gives me all her summer confidences."

Another of the family, which is often confused with the gray birch, is the white birch (Betula alba var. papyrifera), or as it is called by others, the paper bark, or canoe birch. This tree has a slender pure white trunk which sometimes attains a height of 90'. The tree is not as abundant as the gray birch but it has a large range of growth, being found from Newfound-

land to Alaska and as far south as the State of Washington, eastern to New York City. It is essentially a northern tree, and where it is found most abundantly, it is used as a source for paper pulp. The Indian made use of the fact that its bark peels off in large layers, and made admirable material for canoes. Longfellow in his tale of Hiawatha sings:

"Give me of thy bark O Birch tree . . .
... I a light canoe will build me."

As a tree for landscape planting it has many possibilities, for not only is it attractive with its slender column of white, but it has a beautiful and picturesque habit of drooping twigs of handsome foliage.

The red birch (Betula nigra) is happily called the river birch because it prefers the rich slopes and bottom lands of rivers and little streams. This is the southern variety and it rarely attains a height greater than 90' except in the south. It is very abundant in the New England states, but rarely as far north as Canada. The tree develops into a round irregular headed tree which is very picturesque. It has a bark when young which is a lustrous reddish brown, but as it grows older it peels into papery scales in varying shades of red and brown. These fluttering in the wind make a charming variation. In landscape compositions this tree is valuable for its long graceful branches which overhang the water and almost sweep the graceful foliage. And not only for this reason, but because it has a very fibrous root system which serves to hold in place the soil which might otherwise be washed away when the stream was high. It is also a rapid growing tree, and easy to transplant.

It is unfortunate that the river birch should be called nigra, inasmuch as we have a black birch (Betula lenta). However, this tree is more fortunate in its common names, of which it has several. It is the black birch because it has such a dark colored bark. It is the cherry birch because it resembles so closely the native wild cherry. It is the sweet birch because of the honey sweetness of the young twig and bark, when young, is fairly smooth but as it grows older it increases in size, the bark peels off transversely in long thin irregular scales which gives it a lustrous and venerable appearance. The black birch thrives best on hillsides, or in places where it can attain a moderate supply of shade. It is a widely distributed species found from Nova Scotia southward to the mountains to Georgia, and as far west as Minnesota, and monly grows as high as 80' velvet into a wide symmetrical tree, which is very attractive, especially attractive in the early autumn when the leaves branch off with myriads of long yellow leaflets like so many golden tassels flutters in the breeze.

There is a western species of black birch which is called the paper birch (Betula papyrifera), or as it is called by others, the canoe birch. This tree attains its greatest height at 100' and it is an important item in the source of paper pulp, and fuel. The tree is widely distributed in southern states to Florida, and along the mountains to New England. It is essentially a northern tree, but in the southern states, it attains its greatest height and most beautiful development.

The young tree has a slender straight smooth bark which is a silver color. As the tree increases in age however, this smoothness deteriorates, for the bark breaks and rolls off in long ribbon-like curls, which look sleek and rustle in the wind.

There are several reasons why the paper birch is a valuable tree in landscape planting. First, it develops into a well rounded tree with pendulous branches. It has an unusual and interesting tone in its bark and branches. It is very easy to transplant and it is well if given sufficient moisture. It is hardy last, but by no means the least of its several virtues, is the fact that it is very hardy, and seldom subject to insect or fungus enemies.

There is a birch found in the eastern New England states which by some authorities to be the representative of the European pole birch. It has been given the name of blue birch (Betula coerulans) though it is not very interesting and worthy of as much attention as many imported plants. It is a very hardy tree with full handsome foliage. There are one or two more species of the birch family which are native. All three are native, as common as the ones named, and have interesting character and possibilities. There are several of the white birch and are Alpine in character for they prefer cool wood of the north and mountains to attain great size. They are Betula pubescens; var. coriifolia; var. minor and sylvestris. We also have a variety which is found as far south as New Jersey. This is the common black birch and thrives from Labrador to the west, and as far west as Mississippi. There is still another species which grows in the mountains of New Hampshire and the more northern regions of Canada, called the paper birch.
GRAFLEX

Graflex advantages are valuable every time you take a picture, whatever the nature of the subject.

You know when the focus is sharp, you see what the view includes because a big image of the subject, right side up, is visible in the focusing hood until the very instant of exposure.

Graflex focal plane shutter, with speeds of 1/10 to 1/1,000 of a second, and a superfine lens such as the Kodak Anastigmat f.4.5, are a combination that safeguards proper exposure even under difficult light conditions.

The Graflex cameras are fully described in the 1922 catalog—ask for your copy by mail or at your dealer's.

Eastman Kodak Company
Folmer & Schwing Department
Rochester, N. Y.
porous material would have a muffling effect on the solid parts of the building. Wave motion is not possible where the air chamber is sufficiently isolated. It is rather a romantic idea to know that some bodies are being made soundproof, fireproof, and other proof, by the use of cushions of cel grass. And yet one of the best known scientific insulators of heat, sound and fire is a fabric of cel grass. This grass is woven into a thick elastic cushion, filled with dead air spaces. It seems that it is necessary to use long flat blades of grass for perfect insulation. And the cel grass is also practically indestructible. A sample 280 years old is in possession of one of the insulating manufacturers. We understand that it is absolutely sanitary, that it will not harbor insects or vermin, that it is an actual fire retardant. It grows in sheets and contains silicon to a large extent. This renders it non-flammable, uninviting to rats and mice and also tough and elastic. This lining is very popular in warm climates as it makes rooms habitable which have been thought perfectly useless through intense mid-day sun. On the other hand, it has a popularity in Greenland and was used to shelter some of the huts in the Scott Antarctic Expedition. As to noise, it seems to perish in the face of these cel grass cushions which have a power of breaking up and absorbing sound waves. Think of the delight of renting an apartment without being tormented with the fear of the midnight festivities of the tenants above, or at the side or below.

Eel Grass Sheets

These sheets of cel grass may be used as an insulation medium throughout the building, for floor deadening, wall insulation, roofs and partitions; for sound and cold and it is used about a half inch thick. For cold storage at least three quarters of an inch; for waterproofing purposes, it is made up with a waterproof paper on both sides and with the needle hole seal. Charts are sent out showing the method of using this material for every detail of house insulation.

Basically all these insulation materials, including felt, cork and asbestos, are very light weight. They are also clean and odorless. The best of them repel rather than attract insects so that, on the whole, they seem to have become an essential in good building construction.

Hair insulation is singularly effective as a sound deadener. It consists of a heavy layer of thoroughly cleaned cattle hair securely fastened between two sheets of protective paper. The cattle hair is treated with a chemical process, which renders it vermin proof and odorless. It will not dry out, split or rot with age; it shrivels when it comes in contact with fire, but will not carry flame. It is extremely light in weight and is so flexible that it fits into odd corners, which makes it very easy to apply. The round and beveled edges allow one inch lap, assuring an excellent isolation. There are many varieties of this hair insulating material, some especially for weather, some for water, some for vermin and, of course, a number for fire.

Gypsum

Many architects will tell you that some of the most desirable qualities in insulation are afforded by the modern wall plaster made from gypsum rock. This plaster has the unique property of reverting, when set, to its original rock state. As a result of the present highly developed methods of manufacture, it can be made to rival concrete in compressive strength.

It was several years ago that a manufacturer of gypsum products conceived the novel idea of casting a separator between two layers of fibrous material into sheets, or wall sections, so as to be nailed directly to the wall, thus combining the excellence of the gypsum plastered wall with raw, clean and usually economical application.

In order that the large sheets—43" or 48" in width, 8½", 10½", and 12½" in length, and ½" in thickness—will break when handled, the gypsum is toughened by a special process that the sections, although solid and rigid, can actually be bent with cracking the plaster core. One of the virtues of wall plaster is that it makes changes in humidity which cause building furniture to come apart and doors to stick, never cause it to warp, shrink or bulge. If the walls and floors of the building are lined with a sun wallboard, fire would undoubtedly be confined to the room in which it started for some length of time. As made in the experimental laboratories at the University of Illinois have demonstrated that less than one-half of one percent of sound passes through a gypsum slab.

Holoste Tile and Metal Lath

In addition to the actual fireside construction such as hollow tile, metal lath, there is a concrete which is waterproofed in its composition. It is considered one of the most economical and important developments in building materials. Waterproofing is accomplished as an integral part of the manufacture. Good builders today consider it essential to use an insulating sheeting for furnaces, heating system, refractories, etc., in fact, for every kind of mechanism where it is desirable to keep the dissipating heat from the metal parts. Impermeable paints and stains are listed as waterproof and fire retarder. It has been proved that architects as well as builders that cork flooring has a fire resisting quality, that is, a harder fight through a fire than almost any other material, except concrete or tile, and where floor beams are laid down the concrete, they are fire deterrent to a degree drying a home.

Stock Room Fittings

One of the needs today is to have a stock room so insulated that it can be kept cool, no matter what the change in temperature. Automatic temperature control can correct the temperature in a stock room that has become warm, connect the stock room with the outside, air means of two separate conduits and rather limited cross section; both of which can be directed in the open space or preferably on the shady side of the stock house, both running as straight as possible, one ending in the stock room and the other ending in the stock room close to the floor.

These two conduits assure automatic ventilation, without direct draft, of... (Continued from page 86)
The outstanding margin of extra quality possessed by Fisk Tires is the one conspicuous fact held in the minds of the best-informed buyers in America today. Compare before you buy.

There's a Fisk Tire of extra value, in every size, for car, truck or speed wagon.
Irish Hand Woven Linens

Assurance

The charming poise of the hostess faced with the thousand problems entertaining brings about is something more than a matter of personality and self-confidence. It is a reflection of the knowledge that the appointments of her home are in keeping with the character of her guests, and are an external evidence of her taste. Beauty alone in the design and texture of Fleur-de-lis Hand-woven Irish Linen damaskable cloths and napkins would recommend their better use by the average woman, but their general usage indicates the clever woman who knows their incomparable serviceability.

Shown at the better stores in the United States and Canada. A catalogue will be mailed on request.

There are also Fleur-de-lis linen towels, linen sheets and pillow cases of such general excellence as to justify them for finer use or for hard wear.

IRELAND BROS.
INCOERATED
102 Franklin St., New York

Identified by the Fleur-de-
lis and the words "IRISH
HAND - WOVEN
LINEN DAMASK,"

woven on the end of table
cloths and napkins.

Insulating The New House

(Continued from page 84)

...cally in the winter time, and cease to work as soon as the temperature of the open air is equal to or above that prevailing in the stock room.

Experience advises pipes of 1½" diameter only, for stock rooms of about 1000 cubic ft. contents in country houses in this section, though the use of a 2" pipe for city houses in built-up sections.

A very slight rise of the outlet pipe towards its exit will tend to increase its sensitiveness. Avoid bends and curves as much as possible and meet such drawbacks by large pipe diameters. Only at the outside ends apply occasionally 4½ elbows to keep out the rain water and to settle against vermin and rodents in particular.

Only where their larger cross sections permits of it should rectangular sheet metal conductor be used, one inch or so of space; generally iron pipes are more suitable and lasting.

As one goes over the variety of metal pipe to make modern houses water proof, damp-proof, fire-proof, air-tight and sanitary in every detail, it is necessary to understand how any house ever has had its tensility to burn down or leak or resist warm in summer or cold in winter; has the audacity for a minute to harbor an insect. With an imaginative architect and a conscientious builder, and the shelves of catalogues to help us build the perfect house, we really should be ashamed to own a house which is not better perfect so far as these modern golden rules are concerned.

Linen Closet

(Continued from page 70)

shelves set at least 12" apart and provided with high backs and with sides tapering to the width of a narrow strip which runs across the front of the shelf to hold the piles of linens and towels open at the front, permit the linen to be quickly inspected. To further facilitate the handling of linen, these shelves are constructed to slide forward by means of hardwood strips working in channels grooved along the sides of the shelves. The topmost shelf, because less accessible, is fixed in place and reserved for out-of-season and rarely used linens.

One side of the lower compartment is given over to the clothes hamper, or, if the plan of the house allows, an ideal arrangement can be made by starting the clothes chute from the floor of this cupboard. In either case the floor of the entire lower compartment should be raised a few inches above the main floor level to insure cleanliness. Drawers and additional shelves are provided on the opposite side for blankets, curtains, and the keeping of odds and ends of linen.

A very narrow space is required for the bath room closet, the minimum dimensions which will accommodate average towel being approximately wide by 20" deep by 96" in space at the end of the built-in bath tub lends itself excellently to the requirements of a small closet, with wood panels, shelves, and a series of stationary shelves for the storage of the usual overflow from the medicine cabinets.

A practical suggestion for the keeping of table linens and at the same time that would enhance the attractiveness of the dining room is the combining of the linen closet with a regular china cabinet. The lower portion, which would be a series of drawers, serves similar in construction to that of the main closet, and enclosed by wood panelled doors. A drawer at the bottom serves to protect the doilies and the centerpieces rolled up in tubes. If space permits it is advisable to lay the centerpieces flat.

The supply of service linen can be adequately taken care of by means of a few drawers incorporated in the base of kitchen or pantry dressers.

PLANTING TIME FOR LAWN

Springtime is commonly considered to be seedtime, but with laws better results often are obtained by seeding at some other season. In the growing of lawns most persons, both in the cities and in the country, cling to the old idea that spring is the best time to put in the seed. And many a mangy lawn has been the result.

Experience, however, in the northern States and in New England, says the United States Department of Agriculture, early autumn seeding is much more satisfactory than spring seeding. South of the latitude of New York spring seeding should rarely if ever be practiced. There are good reasons for this rule. Young grass does not stool well in spring and summer and is not sufficiently aggressive to combat crabgrass and other summer annual weeds. In the area south of this and north of the Potomac and Ohio rivers the time is early in September. The seeding of an old lawn should be done at the same season as new seeding.

Treating the soil—A suitable soil is of first importance, especially where the climate is not particularly favorable to the formation of good turf, and most of them can be improved by treatment such as drainage, manuring, fertilizing, and liming. A deep loamy soil is easily prepared, as it already has the right germinable texture, but it may need fertilizing with bone manure, or bone-meal in applications of 20 pounds to 1,000 square feet. Stiff clays need manure and vegetable matter before they are ready to support a good turf, and there is little danger of overdoing the use of either of them. An inch layer of slaked lime to 1,000 square feet is sufficient. One hundred pounds of ground slaked lime to 1,000 square feet of lawn, well worked in before the seeding time, is a satisfactory application in most cases. It is not recommended a top-dressing for turf, and should not be used for bent grasses unless the soil is very acid. The soil should be thoroughly prepared for planting several weeks before the second warmest place in order that there will be time for it to settle and for weed seeds to sprout.
Danersk Early American Furniture

The original of the wing chair illustrated above was once owned by General William Heath, who served on Washington's Staff. It is undoubtedly a true Chippendale fireside chair of the finest quality. The construction of the frame alone is an art in order to obtain the refinement of line and the gracious spread of seat and comfort of the back.

The little Connecticut Tavern Table is made of walnut or maple and pine. Low in height with typical turnings and stretchers of the period of 1690, it is most useful for magazines and as a coffee table to draw up before the fire.

We have paid as much for a pen and ink drawing of a classic border for advertising as we ask the trade for this beautiful table, the artistry of which is as exquisite as was the drawing referred to.

We offer many unusual designs in bedroom, dining room and living room furniture; some done in beautiful lacquer colors, and others in fine woods. Call now at one of our salesrooms. Decorators and their clients are always welcome.

ERSKINE-DANFORTH CORPORATION
2 West 47th Street, New York
315 North Michigan Avenue, Chicago
643 South Olive Street, Los Angeles

Qualities To Look For

In selecting a new piece of furniture there are three points to look for. Is it so pleasing in design that you will always enjoy it? Will it endure through years of service? Is it harmonious with the other furnishings?

Elgin A. Simonds Company Furniture is most graceful in its proportions and beautiful in its designs and finish. Skilled workers make it of strong construction. Our Department of Interior Design is ready to help you with your problems of selection and arrangement.

Look for the trade-mark shown below in the leading furniture establishments.

Write for our interesting Booklet "H" on Home Furnishing.
EXPERT marksmen who know that quality, precision and superior workmanship are necessary for high scores, are practically unanimous in their selection of Smith & Wesson superior revolvers.

SMITH & WESSON
Manufacturers of Superior Revolvers

SPRINGFIELD
MASSACHUSETTS

No arms are genuine Smith & Wesson Arms unless they bear plainly marked on the barrel, the name SMITH & WESSON. SPRINGFIELD, MASS.

Catalogue sent on request
Address Department F

To Lessen Kitchen Labor:
(Continued from page 72)
work top, the heat passing directly from the hot copper coils to the utensil; then a suction cleaner for piano players, which extracts dust from the tracker board, quite a necessary operation; and then a waffle iron that has the advantage of being easily lifted and the parts readily removed for cleaning. Two other small devices are found in the electric socket and the cord lengthener. This socket is so arranged that although one pulls the cord and puts out the light, the light remains burning for a minute afterwards. Thus one can put off the light and still have light by which to show the way up stairs or out of the room. It sounds like a contradiction, but it really does save toes and barked shins. The neat socket by which an electric cord can be lengthened without a tangled splice.

Of new ironing machines it seems to be legion. Here is one that is run by electricity and tage lies in the fact that it has pedals, the operating being done by push buttons on a two-lane track. And of ice-making machines there is legion. In the new one illustrated here ethyl chloride is used instead of sulphur dioxide. The condensor is air-cooled, which appears to

(Continued on page 74)

An electric steel and white enamel plate warmer is an adjunct for the butler’s pantry. J. E. & K. Ware Co.
French Hand Made Furniture

A PIECE of French hand made furniture has all the charm of a family heirloom and the sturdiness to serve for more than one generation. Experience teaches that in the long run it is economy to buy the best. If your dealer does not handle French Furniture, write us and we will see that you are served satisfactorily.

Branded underneath every piece, this mark is a guaranty of quality

WM. A. FRENCH & CO.
Interior Decorators
90 Eighth St. S.
MINNEAPOLIS, MINN.

This high dresser of oak is taken from the type used in the better class of farm houses of Yorkshire in the late Stuart period. The gate leg table, from a rare old specimen, is uncommon in its silhouette leg and stretcher. The finish of these pieces is softened and mellorized in tone as if by age.

This Window Seat Is Also A Radiator Enclosure

To meet your particular requirements, we will make it of any wood, in the design shown. It can be sent to you in the plain wood, ready for finishing, or we will finish it as you desire.

The grilles will be made of our Ferrocraft metal, in designs you may select from our collection of 500; or it can be made specially from one you may furnish.

In either case, they will be choice renderings in our Ferrocraft metal, done by honest craftsmen, who have a love for their work.

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To supply, without delay, mantels for houses already under construction, we are now carrying a certain number of designs in stock, made to standard sizes. A new ten page illustrated booklet describes the details of this substantial saving in the cost of these high quality mantels. Sent upon request.

ARTHUR TODHUNTER, 414 MADISON AVE. NEW YORK
Consider the Importance of Your Lighting Fitments

A ROOM that has been most carefully planned and decorated may be marred by inappropriate lighting fixtures. A knowledge of Riddle Fitments will prove helpful in choosing either individual fitments or an entire equipment, for they may be chosen with the certainty that they will add to the beauty of their setting.

Riddle Fitments are wrought of metal, and are decorated in Silver Estofado and Gold Estofado, in color tones that harmonize with practically any scheme of interior decoration. As they include ceiling and wall pieces as well as floor and table lamps, they permit a complete lighting installation in harmony.

The Riddle Fitment Book describes and illustrates in actual colors various Riddle styles. It will prove interesting and helpful to all concerned with beautiful interiors. Copy, with name of nearest Riddle dealer, sent on request. Please address Dept. 262.

THE EDWARD N. RIDDLE COMPANY
TOLEDO, OHIO
Makers of Lighting Fitments since 1892

Architects are invited to send floor plans with elevation details, on receipt of which we will make up and submit detailed suggestion for a residential lighting installation, with estimated approximate cost of fitments installed by dealer.

To Lessen Kitchen Labor

(Continued from page 88)

machinery simpler, and is said to prevent leaking in summer. It can be installed in a refrigerator. A new pot that offers many advantages is guaranteed against burning, scorching, spilling and boiling over, and it doesn't need to be stirred. It is of aluminum and therefore light and easily cleaned. Being a combination of boiler and percolator, it cooks by percolation. The locked-on top makes it self-draining.

Another advantageous piece of equipment is found in the electric plate warmer. Built of steel enameled white, it would be quite an addition to the butler's pantry.

Each season sees many additions to the equipment of those households where housekeeping is light. The two and three person family and the dweller in the small apartment, always welcome compact equipment. This new kitchenette electric stove is certainly compact, being only 14" long, 26" high and 15" wide. The oven is 13" by 13" by 13", and is equipped with an upper heating unit for broiling. The whole stove is geared to three heats.

Modern equipment and modern methods have done much to reduce the time required in the actual preparation of meals. Thus, the new steam electric pressure cooker develops 250° of steam under twenty pounds pressure. In a pan made possible to cook several foods at the same time without mixing the flavors. It is an ideal canner for fruit and vegetables. Being of aluminum, there is no chance for corrosion or the formation of poisonous verdigris. Such a cooker cuts down kitchen time amazingly. Under the old style of cooking, ham required two hours, with this it takes only forty minutes; the chicken that wanted ninety minutes is done in thirty.

The manufacture of kitchen unit cabinets has given the modern kitchen much the same air of orderliness that one finds in a well-equipped office. They range in size from the smallest type one might use in a kitchenette to the larger pieces for the kitchen of a big establishment. They can be added to as need requires. One of the illustrations shows a new series of units, with refrigerator, sink and cupboards above and below. Such a unit would be ample for a moderate size house in either the country or town.

Architects are invited to send floor plans with elevation details, on receipt of which we will make up and submit detailed suggestion for a residential lighting installation, with estimated approximate cost of fitments installed by dealer.
Craftsmanship. Every artisan who takes part in creating Tobey-made furniture contributes of himself to its individuality. Send for our descriptive brochure 4.
DEDICATED TO SUNLIGHT

In Orinoka draperies modern homemakers gratify their taste for the buoyant inspiration of happy colors. And they have the assurance that the draperies of their choice will not fade from sunlight or tub—however fanciful the patterns or delicate the colorings.

There are Orinoka Guaranteed Sun and Tub-fast Draperies to accord with every type of interior decoration. They come in a variety of weaves, textures and colors suitable for every nook and corner of the home—whether mansion or cottage. Soft-toned gauges and sheer, film-like glass curtains admit the sun in mellow radiance. Rich and graceful over-draperies in just the proper hues complete the harmony.

Remember that Orinoka colors are dyed fast in the yarn by our special process. Through rigorous tests of sunlight and tub they have refused to huddle from their original intensity. Each yard of Orinoka fabric bears its manufacturer's guarantee—money back or new goods if it fades from sun or tub.

It is well worth while to order your draperies by name—not to say "sunfast" alone, but "Orinoka Guaranteed Sun and Tubfast." Look for the Orinoka name and guarantee tag on every bolt.

THE ORINOKA MILLS
510 Clarendon Bldg., New York City

If You Are Going To Build
(Concluded from page 67)
lace and imitation fur, and a deadening gray reticence creep over every artistic expression. And then, as we realized how deceptively bad this civilization was artistically, we turned a cold shoulder upon the things that had been the existence of mystery and romance, and began to study European conditions in earnest. We actually brought over whole villas and chateaux, or doors, or windows, or shutters, or as a finish for our furniture. It is difficult to find. To be sure, Colonial hardware, which we still see...
The House of Rare Treasures

is the House of Lans. Hardly an aisle in its well stocked galleries but contains some fine old piece of English, French or Italian furniture, some quaint specimen of needlework, or some exquisite piece of decoration in the form of leather screen or mirror.

Correspondence invited. Photographs sent on request.

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The Colors of Fall

Are you planning to re-dress your rooms in the mood of autumn? And are you perhaps a little in doubt about the decorations—what to choose or where to get it? Then let House & Garden help. Write to the

Information Service
HOUSE & GARDEN
19 W. 44th St., New York

Delphiniums for American Gardens

(Continued from page 49)


dative Gothic tapestry was an elaborate kind of material, a luxurious woven wool to hang over the cold and barren stones. This was hung in rather full folds from ceiling to floor or to the top of the two or three foot panelled base, covering the whole length of the wall. There were the *mille fleurs* designs, the hunting scenes, the long and complicated battle tapestries and the 9th Century pieces with little scenes and bit from some of the best forms. A well raised in Europe, by planting seeds saved from some of the best forms. A well raised in Europe, by planting seeds saved is merely a portion of an individual al- theory among many plantsmen that plants, like animals, have their natural period of life, and that only by a rebirth of varieties continually propagated in a species long exist. According to this theory a cutting or root division is merely a portion of an individual already old, and cannot live as long or possess vitality of a worthwhile seedling, it can be moved to their permanent position, and all will bloom by mid-summer. The Rubens and his mistaken contemporaries of the Renaissance stepped out. The painting a picture, skillful though it is, but for a decorative effect, with strong outlines and broad flat surfaces that will avoid confusion in the folds of the material. Stretch the fabric flat and it loses much of its pictorial quality. The ecclesiastical Gothic, on the other hand, is a kind of mural, the Northern version of the Italian church painting. It is the supplement to stained glass windows, part of the color relief of the cathedral interior. Playing the part of a decorative piece, beautiful though it is, but still a little focussed. The interest and episode are distributed equally over the whole with its only moment of accent and no one emphatic center. Being more nearly a painting in its character it can be hung flatter, with fewer folds, and usually, it can be hung higher.

Renaissance Tapestries

The Renaissance swept tapestry before it straight into the field of painting. The design became centered and dramatic, truly pictorial. The textile transition, however, held true for quite a while and tapestry in the 16th Century was still being used to cover walls from top to floor. The weaver filled his spaces with rich subordinated ornament, hanger tapes and flower boxes and minor scenes in a more appropriate decorative manner. In fact, many Renaissance tapestries look like a decorative textile with a painting of a plant as a decoration of the fabric, the pattern on them focuses rather high and if hung at picture height, they seem uncomfortably out of reach of the eye. And, too, when used as a painting they seem unsatisfyingly disorganized. The drawing of a decorative Gothic tapestry is conceived, not for the steady and minute examination granted to a painting, useful though it is, but for a general decorative effect, with strong outlines and broad flat surfaces that will avoid confusion in the folds of the material. Stretch the fabric flat and it loses much of its pictorial quality. The ecclesiastical Gothic, on the other hand, is a kind of mural, the Northern version of the Italian church painting. It is the supplement to stained glass windows, part of the color relief of the cathedral interior. Playing the part of a decorative piece, beautiful though it is, but still a little focussed. The interest and episode are distributed equally over the whole with its only moment of accent and no one emphatic center. Being more nearly a painting in its character it can be hung flatter, with fewer folds, and usually, it can be hung higher.

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In the 17th Century tapestry was used in two ways at once. The painting a picture, skillful though it is, but for a decorative effect, with strong outlines and broad flat surfaces that will avoid confusion in the folds of the material. Stretch the fabric flat and it loses much of its pictorial quality. The ecclesiastical Gothic, on the other hand, is a kind of mural, the Northern version of the Italian church painting. It is the supplement to stained glass windows, part of the color relief of the cathedral interior. Playing the part of a decorative piece, beautiful though it is, but still a little focussed. The interest and episode are distributed equally over the whole with its only moment of accent and no one emphatic center. Being more nearly a painting in its character it can be hung flatter, with fewer folds, and usually, it can be hung higher.

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What is HOME without a Fireplace

The Colonial Fireplace gives greatest heat, health, and happiness. Comes to you complete — design, damper, lining, fender, brick, etc. Any bricklayer can install with the plans we send. Colonial Head Thrust and Damper insure right concentration of vital part of fireplace. Only damper made that provides for expansion and contraction within itself — no danger of cracked fireplace facing. Perfect draft, easily controlled, never smokes.

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Send for Catalogue H.
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Although widely imitated, Slidetite Garage Door Hardware continues to hold its place in the spotlight of public approval. Various exclusive features, together with the ability to withstand years of service, account for its popularity. Before erecting a garage of any size, be sure to investigate the merits of Slidetite. No other garage door hardware can give you such lasting satisfaction.

Slidetite
Garage Door Hardware

Slidetite equipped doors move smoothly on a jointless track. A mere push is all that is required to open or close them. Yet they fit the opening snugly and always remain weathertight.

When open, Slidetite equipped doors fold flat against the wall, completely out of the way. They cannot possibly blow shut, thereby preventing harm to both automobile and person. Slidetite is the only garage door hardware that is practicable for use in openings requiring more than six sliding-folding doors. Even in openings as wide as 30 feet, the doors will never stick or sag.

Your local lumber or hardware dealer should be able to supply you with Slidetite. If not obtainable in your town, it may be secured from our nearest branch. Write today for your copy of Catalog M-22.

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When you find it necessary to replace your old heating system, or when you are planning your new house, the choice of a heating system should be given the most careful consideration. Upon it depends not only your comfort for many years to come, but in a large measure, the health of your family.

Kelsey Health Heat is a warm air system, totally unlike any other. It does not deliver hot, burned out air, but fresh warm air, in large quantities and at high velocity, supplied automatically with just the right amount of moisture, carrying off the used air through specially designed vents. Through the application of scientific heating principles, this is accomplished at a phenomenally low cost for fuel, and the Kelsey Warm Air Generator is so sturdily built that it gives a lifetime of satisfactory service.

All of which we shall be glad to prove to you by the experiences of Kelsey users.

Send for "Kelsey Achievements," and any further heating information you desire.
“CREO-DIPT”
Stained Shingles

This illustration shows the texture of a thatched roof with the special thatched "CREO-DIPT" Stained Shingles. This color effect is obtained by using 30% of shade A (light straw), 30% shade B (medium straw), 30% shade C (dark straw), 5% shade D (green), and 5% shade E (red). Each bundle contains the above shades packed promiscuously in the portions named and laid by the workmen as received.

Any color effect may be obtained from shades selected from our color pad. Aside from the irregular waves, the most artistic feature of "Creo-Dipt" Thatched Roof is the soft lines procured by having no sharp angles or corners in the entire roof. The eaves, ridges, gables and valleys are all rounded by using the curved "CREO-DIPT" Stained Shingles. For complete information concerning the thatched effect with "CREO-DIPT" Stained Shingles, see our working drawings and detail.

If you are planning to build or remodel, send 5¢ to cover postage for Portfolio of Fifty Large Photocopies of Homes by leading architects, and sample color pad of regular "CREO-DIPT" Stained Shingles. Also ask for portfolio for "CREO-DIPT" Thatched Roof Box.

CREO-DIPT COMPANY, Inc.
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PATTON'S Velumina is pore-proof. Dust, dirt and grime cannot penetrate its hardy film, but can only remain on the surface. So you can wash the walls instead of redecorating.

That is one reason why Velumina has attained widespread popularity among discriminating home owners, architects and decorators.

Another is Velumina’s rich, soft-toned simplicity—its perfect diffusion of light—the deep velvety finish it gives to walls—the atmosphere of quiet beauty it creates.

This economical, long-service wall paint comes in white and sixteen attractive tones. It is but one of the famous products of the Pittsburgh Plate Glass Company—one of the country’s large, staple, conservative business institutions.

Anything you require in the way of glass, paint and varnish products can be found in the Pittsburgh Plate Glass Company’s line. Handled by quality dealers everywhere.

A good brush is as necessary as good paint.

Write for “Proof” Booklet

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Disfigured walls and ceilings, ruined rugs and furniture, and the trouble and expense of opening walls and floors to reach rusted, leaking pipe—the results of installing inferior, corrodible water pipe.

Anaconda Brass Pipe resists corrosion and will not leak, split or clog. It insures you against repair annoyance and expense—not for 5 years but for 30.

The difference in cost between corrodible iron or steel and rustless brass is only about $75 for a $15,000 house.

Write for our new booklet "Ten Years Hence" which tells how to save on your plumbing. It is free.

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Casement Adjusters

The charm and effectiveness of the out-swung casement window is universally admitted. It makes a house more attractive on the outside, and more livable on the inside.

The only obstacle is the necessitous fly-screen, and this obstacle has been surmounted by

Win-Dor
Casement Adjusters

They make the casement window as convenient as it is picturesque, and as economical as it is practical.

The adjuster, set between the screen and the window is completely concealed. The screen need not be lifted to open or close the window.

The new type Win-Dor Adjusters can be installed in several ways, requiring a minimum of labor or skill on the part of the workman. They are made in several finishes, so that harmony can be established with any sort of hardware or trim.

Sixteen years of constant improvement have brought Win-Dor Adjusters to a point where they challenge comparison with any other. And the same factors that make for greater strength and simplicity, also make for lower cost.

SEND FOR BOOKLET

The Casement Hardware Co
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Win-Dor, Surface Adjuster—Type B, No. 2, Handle No. 200
Must You Stop Ironing When Lights Are Needed?

You are ironing. It grows dark. What happens? Must you stop ironing because you cannot have light and run your iron at the same time? Or do you have to move the ironing board to another room?

You can use any number of electrical appliances at the same time if you have real electrical convenience in your home.

The time to insist upon this kind of wiring is now. Whether you are buying, building, or renting, insist upon sufficient convenience outlets for the many appliances now available to lighten housework and add to comfort—vacuum cleaners, washing machines, toasters, portable lamps, etc.

Plenty of conveniently located switches are another essential to real electrical convenience—so that you never need grope through the dark to turn on a light.

Even in the oldest house, complete electrical convenience can be installed at surprisingly little cost with little muss or confusion.

A New Booklet for Home Lovers

How to secure this electrical convenience in each room of your house is told in detail in a booklet prepared for you. This booklet will be sent you free, together with the name of a nearby electrical contractor qualified to assist you in planning adequate electrical convenience for your home. And if you now own your home you can have the work done on an easy payment plan, just as you buy a piano or phonograph.

If you own or rent a home, or ever expect to, you will find this booklet well worth reading. Address Section J, Merchandise Department, General Electric Company, Bridgeport, Conn.

General Electric Company

General Office
Schenectady, N.Y.
Sales offices in all large cities 41-132

Delphiniums for American Gardens

(Continued from page 94)

second crop of bloom which comes later, when the atmosphere is cooler, that the best seed is produced. Seed sown in the house in February and the young seedlings pricked out, will reach a height of about 8 inches as soon as the first pair of leaves appear, and transplanted to the garden after danger from frost passes, will bloom freely the first season.

Raising from Seed

I am sure a joyful surprise is in store for anyone who, for the first time, raises delphiniums from seed, for there will be every possible shade of blue and all manner of forms;—some of the single flowers, as large as a silver dollar, the blooming portion of the spike sometimes more than 2 feet long. The second and third years the plants will be in such good soil, the height and number of spikes of bloom will be doubled, and the flowers will be of a richer color than the first year. The third year the plants should be divided. This should be done in the spring at the first appearance of growth. Every piece of root, with an eye or shoot attached, will form a blooming plant.

If one wishes still further to increase a particularly fine seeding, cuttings can be made at the time of the young shoots 2" or 3" long. These should be cut so as to leave a small heel of the fleshy part of the root at the base of the cuttings. This is important; as the soft stems of the shoots being hollow, only a very small percentage of the roots can be rooted if the heel is omitted. Cuttings can be rooted in sand under glass in a frame outside, shaded with white muslin, or in shallow boxes of sand in the house. Bottom heat is not necessary, but the greater care must be exercised in the use of fresh stable manure. The cuttings must not be allowed to wilt, but if the water given is not sufficient to prevent wilting, the cuttings will rot or damp off. As soon as roots are formed, which will be in about three weeks, they should be planted into shallow boxes of soil, or small pots and thereafter treated in the same manner as seedlings.

It is of vital importance that fresh seed be secured, as delphinium seed soon deteriorates and after six months the percentage of germination rapidly decreases. For mid-summer and early autumn flowering, unless you can save your own seed, it is difficult to get seed that will germinate, as, at that season most of the seed obtained is old and worthless. The new crop of the current year does not reach the seed houses in time for distribution.

This spring I have raised and planted out upwards of one hundred thousand seedlings. As a list of the best named varieties may be of interest to many I will name here the varieties I selected as parents to my seedlings, and I think this may be considered a fairly comprehensive list of the very best varieties and colors, all of which I have previously grown here, and have seen in bloom. They are as follows:


All but the last four are double or semi-double. It is a matter of personal taste whether single or double flowers are most to be desired. My reason for using double varieties as seed parents, is that from them one gets both single and double forms, while from single varieties only singles will be produced. Generally these single forms are better adapted to stronger growers, the blooming portion of the spike shorter and the individual flowers larger.

Most of the named varieties are particularly the single ones, and they seem to have found themselves in a fair percentage of the seedlings, but the greater number will break into many shades and forms. The following are several hybrids of Belladonna and desirable: Mrs. Brunton, a very bright dark blue; Capri, deep cornflower blue and Moerheimii, a lovely white, which is much better adapted to the American climate than the Delphinium except Chinesis Alba. The Delphiniums belladonna can only be used for the short season division, as none of them produce seeds.

Delphinium Sinense or Chinese larkspur is a slender species with smaller flowers borne in the axils of the leaves. It is easily grown in the greenhouse in the same manner as seedlings. The plants are evergreen, producing themselves freely from seed sown in a greenhouse.

Delphinium Formosum or "bell" larkspur is an old garden favorite, the hardest and most permanent of all. The flowers are very dark blue and violet. It is useful for massing, the spikes of bloom produced being very long, and useful for cutting. This gives the tails of the flowers. The plants should be divided every autumn in the same manner as seedlings.

All delphiniums are subject to a fungus disease which attacks the roots of the strong plants in bloom, which soon deteriorate and after six months the roots is said to be effective in checking this disease.

The Proper Soil

Delphiniums thrive best in a sandy loam deeply worked and well drained. As they are strong growers it is necessary to produce the largest spikes. Most growers recommend an abundance of manure. I believe great care should be exercised in the use of fresh stable manure, as I am of the opinion that this often causes the root fungus previously referred to. Any manure used should be well rotted and not applied directly to the crowns of the plant. I think a mixture of equal parts of hygroscopic lime, flower of sulphur and tobacco dust, mixed with water and poured around the roots is said to be effective in checking this disease.
The Farquhar Furnace Co.
709 FarQuar Bldg., Wilmington, Ohio

SILENT

SIWELGLO

Water Closets
for every place
and purse

IT may be conservatively said that 80% of the trouble experienced by the house owner with water closets lies in the faulty operation of the tank fittings. Rubber balls must be replaced. Fittings work loose, water fails to shut off, new washers, etc., are some of the troubles. Each time something goes wrong means the plumber must be called in. This is no source of gratification to the plumber because he must charge from the time his man leaves the shop until his return—and his charges may seem out of proportion for the actual repairs made.

Starting with what is generally recognized as the best vitreous china that can be produced, The Trenton Potteries Company determined to minimize as nearly as possible all closet troubles. Since the design of the closets themselves assured the utmost sanitary value, it remained to perfect the tank fittings so that the return calls of the plumber would be eliminated. We believe this has been accomplished. Exclusive Tepeco tank fittings are now a part of Tepeco Closet Combinations.

What is known as the Syphon Jet Closet is unquestionably the most sanitary, quickest operating type of closet that can be produced. Because of its complicated construction, it costs more than the simpler types known as the Syphon Action and Reverse Syphon Action. Recognizing that the best may be beyond the means of owners of modest homes, The Trenton Potteries Company has placed these Tepeco Tank Fittings in each of its leading closets of the different types. Each in its class represents the best which can be bought at the price and the scale a bit. Be sure to have the plumber order the Tepeco.

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Trenton, New Jersey, U. S. A.

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World's Largest Makers of All-Clay Plumbing Fixtures

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Water Closets
for every place
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The only safe protection is a one-piece steel fire-box, made continuous and imperforate by seamless welding, thus making gas leakage impossible. Such a fire-box is an exclusive and patented feature with the FarQuar System.

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Mail this Coupon today

In early 19th Century work one often finds the fanlight set in a rectangular overdoor opening. This example is from a house in Salem, N. J.

The Variety of Fanlights

(Continued from page 69)
Which will it be —
One bill or three?

YOU, alone, can decide—and the pipe that you specify answers the question. Your choice determines the ultimate cost—the extent of your comfort and saving, or loss and inconvenience, in the years to come. Ordinary pipe will usually require replacement twice during the life of one Reading Genuine Wrought Iron Pipe installation. And each replacement costs as much as the original installation—plus the additional expense of removing the old pipe and ripping out and replacing walls and floors.

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SARGENT DOOR CLOSERS
remove the bane of the door that slams or stands forever ajar. They close all doors silently and surely, and keep them shut. Suits for light and heavy doors.

The Variety of Fanlights

(Above) Mid-18th Century semi-circular design
(Right) Gothic tracery in mid-18th Century light
(Below) Late 18th Century half ellipse fanlight

(Above) A late 18th Century house at Marblehead, Mass.

by much thinner than during the preceding era. In the latter part of the 18th Century and early in the 19th Century the Adam influence was responsible for a great variety of agreeable conceits in fanlight design. The Adam fondness for ellipses contributed a new shape for the fanlight—the semi-ellipse. The use of lead for the glazing divisions, oftentimes ornamented at the intersections with molded lead rosettes, made it possible to execute much lighter and more intricate patterns and added to the attenuated gracefulness which characterized this period.

The realization of the decorative possibilities afforded by the fanlight and the common partiality to its insertion in a rectangular overdoor opening. These rectangular fanlights were not infrequently very successful as pieces of design. Again, in other instances, where no overdoor opening had been provided to light the hallway, a false fanlight was sometimes contrived, purely for purposes of decoration, and set in place on the occasion of erecting a new doorway. This device of false fanlights, which were also sometimes set forward flush with the pilasters flanking the doorway, was a favorite trick in the Midlands of England. The writer knows of no such instance in America. Apart from palpable sham, it is not an altogether happy way of dignifying the front door. The genuine fanlight, set in its natural plane, is a far more satisfying feature.

In the use of the varied forms, even more than the radiating motif, the progenitors of hardware manufacturers of England—for many of the fanlights were the invention of builders rather than of architects—showed a more daring departure from established precedent than their American contemporaries. Some of these departures were well received, others were less felicitous, however, are interesting and more less suggestive.

The general adherence to the radiating motif as the foundation of designs, whatever subsidiary diversities of elaborations might be introduced, shows the intrinsic soundness of the conception. Adherence to this dition did not in any way involve curtailment or hampering of the signer's liberty. To be convinced this one has only to look at the examples shown here.
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Collecting Engraved Gems

(Continued from page 105)

an impression in relief on the wax. However, cameo gems (gems engraved in relief instead of intaglio) also date from a very early period. The Egyptian scarabs were a combination of both forms—the top part representing a beetle being cut cameo and the inscription on the under face being cut intaglio. Cyril Davenport ("Cameos"). says: "In the first Century B. C. the onyx cameo began to take a high position as a much esteemed article of adornment or possession, and its appreciation quickly increased with the more and more beautiful workmanship brought into the art of the Greek gem cutters. Following, to some extent the fashion of the small seal ring intaglios, the cameo carvers were sometimes used in the same way, but never to any great extent. The larger cameos were no doubt used for fastenings for sticks or shoulder brooches; but they were always very interesting as wonderful works of art only, and also because they often bear portraits of great personalities. No existing form of portraiture is so strong and, at the same time, so delicate and beautiful as that to be found on a first-rate antique onyx cameo. Such portraits were by masters in their art, and are comparable with the finest art of any age, or executed in any medium."

Cameos' Long Life

As Davenport remarks, it is true that few things made by mankind will retain their original surface, color, and beauty longer than a cut or engraved gem. The engraved gems by the glyptic masters of ancient times that have come down to us give abundant proof of the skill of the engravers of the masters of the Italian Renaissance. It has been suggested that engraved gems became popular with the Romans in the First Century B. C. when Pompey displayed the treasure of Mitridates in the three days triumph at Rome. However this may be, it is recorded that Julius Caesar presented a collection of engraved gems to the Temple of Venus Genetrix. Probably the Romans had long used engraved gem signets and the Mitridates treasure may merely have set the fashion for the more and more ornamental application of glyptic art by the Romans.

Early Roman Examples

According to Pliny the Elder, Scipio Africanus was the first Roman to have a sardonyx gem and Davenport ventures the suggestion that it was a cameo. This would seem likely, for I think intaglios were certainly used by the Romans before Scipio's time. From Seneca we glean that a cameo portrait of Tiberius was owned by Paulus. Even before Pompey's day the Romans procured in glass imitations of both intaglios and cameos. However, we will not here consider what Pliny described as "the glass gems of the rings of the populace"—how modern it sounds! The year 70 A.D. marks the apex in cameo design; and for some three hundred years thereafter the art of the cameo was sustained above the somewhat abrupt decline which followed and which was occasioned by Roman glyptic artists taking the place of the Greek gem cutters who had, through the earlier period, produced the so-called Roman gems. Never again was the work of such cameo fashioners as Herophilus, Hyllus, Ephiphanus, Boethus, Philemon, Sclyrus, Sostades, or Diadotus, to be surpassed, for few wonder what has become of the famous "Gonzaga Cameo," an antique sardonyx bearing portraits of King Ptolemy of Egypt and Arsinoe, his queen, a gem of three strata which was in the collection of the Hermitage Museum at St. Petersburg at the time of recent revolution. The British Museum, the Louvre and the Vienna Museum are rich in examples of ancient cameos. Through the Middle Ages glyptic art was far less, in the deterioration, that even a shadow of the Roman decline in gem engraving. Fortunately ancient intaglios and cameos were kept and perhaps appreciated to some extent. At least the designers and makers of ecclesiastical ornaments employed them in an astounding fashion and we see Christian reliquaries, shrines, etc., decorated with gems engraved with subjects from pagan mythology!

The Italian Gems

With the advent of the Italian Renaissance, the revival of learning focused again the attention of many on the beauty of the engraved gems of antiquity. Cardinal Barbo (Pope Paul IV) made an extensive collection of the gems which were, by his decree, acquired by Lorenzo de Medici, another ancient gem collector. Indeed, Lorenzo encouraged the development of glyptic art and soon Italian gem engravers were producing marvellous beautiful intaglios and cameos inspired by Greek and Roman gems. One of the gems from the Medici collection now reposes in the Cabinet des Médailles, Bibliotheque Nationale, Paris. It is a cameo portrait of Lorenzo himself. The cincquecento engraved gems never reached the height attained by the finest Greek gems, although the Italian work was of very high quality. At the Marlborough sale the cinquecento cameo "Eros and Psyche" fetched some £1000, and was described as "the equal of the finest cameos of antiquity.

The 16th Century witnessed the production in Italy of an enormous number of engravings. Imitations of antique gems were common, frauds and charlatans were everywhere. For some years, the Medici collectors as Fulvio d'Orsino, who had contemporary glyptic artists deliberately produce fake antique gems, with fraudulent "ancient" signatures that he might fob the unwary with his brag, were common enough during this period. In his famous "Lives," good old Giorgio Vasari tells us that through the instrumentality of Lorenzo, first Duke of Urbino, and especially his young Florentine name Giovanni del Corniole learned the art of engraving gems, and earned for his excellence in the art of gem engraving an enduring name, as "testifying by his countless works, great and small, and especially a large one with a portrait of Fra Girolamo Savonarola, the idol of Florence for his preaching against the vanity of jewels. What a wonderful time the collection of Vasari's day must have had when we reflect on his remark that "At Rome, in the sardonyx art, fine intaglios are found daily."

French Glyptic Art

When Catherine de Medici came in France she brought with her, and brought along her gem cutter, Giovanni Antonio d'Orsi, to set the fashion for the best gem cutters soon became adept in the art. It was a French glyptic artist, Julien de Fontenoy, for whom Queen Elizabeth sent to do her portrait. (Continued on page 106)
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b. Is a hot-water radiator, and open fire combined, easily installed (in any room having a chimney) and connected by small piping to ordinary hot water radiators in adjoining rooms.
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DEALER

Collecting Engraved Gems

(Continued from page 104)

gener in the hope that the token would lead Elizabeth to commit his sentence. The terrible Countess of Nottingham, who was present for Essex, could easily have followed the Earl's instructions to the messenger and then led the ring and Essex to the scaffold. On her deathbed the Countess confessed her act to the Queen, Elizabeth, disregarding the presence of the Angel of Death, slapped the face of the Countess and cried "My God forgive you. I never can." The 17th century found fewer engraved gems produced, but the 18th century Italian gem cutters produced a quantity of work of high merit. Flavio Siretello, for instance, cut some of the most beautiful gemstones to be found among modern specimens, nearly approaching the ancient. German glicyperform artists also produced some exceptionally fine work—Natter of Nuremberg, Sircih and Pichler of Vienna and others.

Some very fine gem engraving has been done in the 19th century by such artists as Bernardo Pistrulli, and later gem engravers, but the old "spirit" had pretty much departed with the passing of the best of the 18th century gem engravers. For lovers of engraved gems, it is possible to acquire interesting specimens for collections in the reputable and American firms. Some very fine engraved gems, antique and modern, have been offered from time to time at various public art auctions. Exceptionally fine pieces have brought adequate prices, but many decline in price, which have often gone for what has seemed a very small price indeed, and a little browsing in New York or London or Paris would be sure to cover to the collector things worth seeing and bidding on. In passing it will be found interesting to the reader of this description of the cutting of intaglio, cameo, and carvings, for instance, in the 1550 edition of Ariosto which runs as follows: "Those old stones ... are cut in intaglio and joined by wheels by means of which the wheel cuts its way through the surface of any stone whatever. And as in this manner he works, very slowly by reason of the slowness where he deemed it necessary, the final touches are given to the work. Now, however, we are to hear how this stone (sardonyx) was cut. A piece of good intaglio, whether white above and underneath, the worker removes so much of the white ground as to leave the head or figure white on a dark brown ground. Sometimes, in order to secure that the whole head or figure should appear white on a dark ground, he dyed the ground where the stone is dark as it should be. In this art, we have seen wonder and divine work in both ancient and modern times. And indeed we have! Fortunately, our American museums such as the Metropolitan Museum of Art in New York, and the Boston Museum of Art have rich collections in antique and Renaissance engraved gems, which will delight as well as fascinate to those interested.

Color Schemes for Men's Rooms

(Continued from page 47)

of powder lamps with parchment shades incorporating old sporting prints. Or he may be interested in old French objects d'art which require an entirely different setting. Here a French atmosphere can be created successfully with being out in the least effeminate. The walls can be paneled with wood moldings, and painted a gray green. The simplest mantel should be mantled in black and gold over which may be hung a fine old mirror. Let the woodwork color tone to the floor be of yellow, green and apricot striped damask over plain apricot silk gauze drawer curtains. A chaise longue stands a small flat top rosewood and ormolu desk, with a bronze and ormolu figure lamp and striped tulip shade. On either side of the mantel two black and gold bookcases, the colored bindings showing through the antiqued gold wire doors, would be an effective note.

Beside the simply carved old walnut arm chair, covered in dull prune uncut velvet, stands a small blue and gold painted magazine table. One high-back walnut arm chair in black ground neoclassical wood, to balance the big unadorned arm chair done in striped silk damask. All to these colors advantage is the dark blue carpet. Red chalk drawings, a few good painting in the rooms old master on the mantel bring color to the gray green walls. There are so many ways in which color can be brought out. The dressers and bookcases feature covered pictures and lamp shades all stand ready to accent the color note. The walls may be monocromatic in its simplicity or may have the richness and elegance of a Louis XVI bedroom. In either case, one old Italian mantel in an old marble frame, in black marbleized mantel stands three cream white Italian sapphire figures, an arresting spot among the greens and yellows. Over the side of the big sofa in damask opens a view of the black marbled pedestal mantel in soft old mythological paintings in warm reds and yellows. Over the mantel a deal of quiet charm and just enough color to warm the large expanse of black marble and a little browsing in New York or London or Paris would be sure to cover to the collector things worth seeing and bidding on. In passing it will be found interesting to the reader of this description of the cutting of intaglio, cameo, and carvings, for instance, in the 1550 edition of Ariosto which runs as follows: "Those old stones ... are cut in intaglio and joined by wheels by means of which the wheel cuts its way through the surface of any stone whatever. And as in this manner he works, very slowly by reason of the slowness where he deemed it necessary, the final touches are given to the work. Now, however, we are to hear how this stone (sardonyx) was cut. A piece of good intaglio, whether white above and underneath, the worker removes so much of the white ground as to leave the head or figure white on a dark brown ground. Sometimes, in order to secure that the whole head or figure should appear white on a dark ground, he dyed the ground where the stone is dark as it should be. In this art, we have seen wonder and divine work in both ancient and modern times. And indeed we have! Fortunately, our American museums such as the Metropolitan Museum of Art in New York, and the Boston Museum of Art have rich collections in antique and Renaissance engraved gems, which will delight as well as fascinate to those interested.
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The Mott Enameled Iron “Eclips” is essentially a bath for the home. It is singularly attractive in color and is remarkable for its beauty and permanence of finish. It is moderate in price and therefore within the reach of the average home builder.

Besides these striking qualities, it has the advantages of the ordinary “built-in” type of bath, being admirably suited for a shower, and made for corner, as shown, or for recess.

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NEW YORK, Fifth Avenue and Seventeenth Street
Branch Offices and Showrooms

For the Home—

Modern French and Viennese Decoration

(Continued from page 57)

are huge armchairs in pale tea color enameled, with broad hands of silver scroll work as an ornament and upholstered in Pechi silk, shaded stripes of blue, mauve, rose, gray and black. On the little side tables, which match the chairs, are rich sets of silver designed by Hofmann. The forms are embossed floral shapes finished with rare ivory in one case, and in the other jade. The wall panels are white, each one serving as a frame for a print of some rare painting by Klump.

In the second Viennese room the upper wall is of silk with showy boutonnieres in brilliant colors on black ground. The hanging lights are crystal and an elaborately planned door is in black and white. The furniture, Urban’s design, has black frames with curved high backs, upholstered in a cool but brilliant green, with a passementerie of green and silver, and silver heads in a tiny frieze at the back. The long black table is designed with flower stands at each end, treated in a simple but effective method of Urban’s to attain dull black. Some of the finest of the Viennese crafts are shown in this room, tall fluted vases of silver, laces designed in true Secession spirit, large and small porcelain figures, single and in groups. The only hint of the influence of bygone days is in the archaic handling of the porcelain.

We were fortunate in securing pictures of modern French rooms decorated by Sue et Marie, which show Art Nouveau at its best, blended with the very latest development in interior decoration, involving somewhat a return to old period designs and to a degree the breaking of faith with the former cast-iron standards of new art. For instance, in the drawing room of M. Montcure there is a combination of new art decoration and furniture of the 19th century which bring back much of the old elegance of France’s traditional school. The comfortable luxurious chairs are definitely Louis Phillipe and of decoration. The wall lamps of metal and alabaster are unquestionably Art Nouveau, as is the mirror in its curved frame of gilded wood and the ebony fireplace with rounded corners and metal heading.

The walls of this salon are quite the newest mode covered entirely with tightly drawn satin in a delicate shade of mauve, which makes a charming background for the rich velvet furniture. The handiest of these modern rooms do not entirely ignore the brilliant eccentricities of Poiré et Ma­rtine, but, there is a new note being struck. You feel it in the charming room of M. Kapferer in Paris, the walls covered with damask, gray and yellow, a velvet coach which is reminiscent of Beidemeyer. And then the yellow martial mantel softly curved with its flowers and Austria Nouveau plinths.

A new wall treatment is shown in M. Bernheim’s Parisian apartment. From under a smooth, dark wood molding, green velvet curtains hang to the floor in graceful fluted folds. The holding wall is a softly curved cornice entirely done in gold and the dark velvet luxurious furniture is framed with gold. A delightful novelty in this room is the flower shaped alabaster bowl supported on slender shafts of metal, the bowl intended to hold an electric bulb from which the light seeps out through the alabaster shafts. Below it is a curtain of blue velvet which is reminiscent of Poiret and Marie’s Nancy, and yet is a blend of the purely Art Nouveau house.
Since we put a WASCQ in our garage, my car starts just as soon as I touch the starter and I can use the car every day."

This is the verdict of tens of thousands of users of the WASCQ Hot Water Garage Heating System. There's a reason for this big success of the WASCQ, mainly because the WASCQ Regulates Itself All Winter Without Attention. You only put on a little coal once a day. You DON'T touch the drafts. Because of its automatic regulation, no matter how cold the night may be, your garage is always warm in the morning. A WASCQ System comes complete, any handy man can quickly set it up. NOT connected to any city water supply.

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Second: Steam heat. This is an excellent system, adapted to large residences and institutions that do not change the distinctiveness of Bay State Brick and Cement Coating — your Architects and Builders

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The Kernerator consists of a brick incinerator, built into the base of the chimney when the house is erected, and a hopper door located in the flue on the first floor. It takes care of all household refuse—rags, sweepings, wilted flowers, broken crockery, tin cans, garbage—without cost, since no commercial fuel is required. Non-combustibles are dried and sterilized and later dropped into the ashpit.

Ask your architect about the Kernerator and write for an interesting booklet we have just prepared, showing some of the fine homes in which it has been installed.

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in connecting joints. This is very important. Regulating should never be
necessary with your boiler. The nipples
or valves must be easily closed and easi­ly opened and yet everlasting­ly tight.
The best boiler is of cast iron. It
will outlast the building, and will not rust or split. It should be so built as nev­er to need repair.
There is no fire hazard in a boiler when the fire chamber is entirely sur­rounded by water and steam surfaces and when the boiler stands low and therefore well away from joists and woodwork.
Boilers are generally tested for 50 lbs. pressure, but to operate them 3 lbs. ought to be enough, though one to five is the usual bill-of-fare. Steam boilers should have a relief valve.
It is desirable that the boiler be in­stalled without digging a pit. This, by
the by, would be a good way of start­­ing your chat with the contractor. "I
want a simple, fine boiler, for which no
pits must be dug, or brick enclosures built."
The best boilers require only a brick base. The installation should not neces­sarily involve alterations of the build­ing, because the sectional boiler, like the sectional bookcase, is made to fit in anywhere. asbestos covering on a bol­ier prevents waste of heat in the cellar.
Convenient—economical—and will last for years—noth­­ing to get out of order. Dispenses only one sheet at a
time. Only the edge of the sheet is in sight. Quickly
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14th deep, particularly if the curtains
are simple and hang only to the sill.
You may have a window which seems
too narrow. A splendid way to obvi­ate this difficulty is to place wooden
blocks out on the wall, and twist your
overcurtains and valance board to them.
You may gain from 4" to 8" at each
side in this manner. This also holds true when you have the heading touch the
sash bar, and the lower one in just the
opposite way—from the top of sash
to the sill. This overlapping adds
1" to the lower rod. The lower rod is
creed even when the lower curtains
are drawn apart. Place the lower rod
that it is on a line with the sash and
will be hidden from the outer view.

Curtain trimmings may be a pitfalls
for the amateur, as one is apt to think
of an unimportant item, and allow almost
the same amount of it. For simple
windows, allow three times the measure
for ruffles. If you want the darkest
shade, measure the light ray and add one
quarter of that run in general.

For Mullins curtains, sixty-
seventy-five per cent fullness is suf­­icient, but must be double the
amount of fullness.

To acquire the habit of meas­uring in feet and inches. Instead of
only. For instance, if you put down
measure of 6' 7", it is cold to block the
windows it is likely to be made of wood.

One company is manufacturing radi­ators consisting of a series of coils
that rest on internal pressure. 2 lbs.
In the interior area of its tubes in relation
the heat surface has been reduced by
that two times. This not only greatly increases the pro­duction of the boiler too hot.
the temperature of the boiler too hot.

To take the heating of your home
into the area of dreams and out of the
peninsile realm of "fueling", some so­­me people are trying to do.
The perfect thermostat not only keeps the house everlast­ingly warm, but is the best regulating device it
is possible to have.

How to Measure for Curtains

(Continued from page 78)

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are simple and hang only to the sill.
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The perfect thermostat not only keeps the house everlast­ingly warm, but is the best regulating device it
is possible to have.

How to Measure for Curtains

(Continued from page 78)
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**To** matter how hard, how unsatisfactory your present water supply is, a Permutit Water Softener will give you a steady flow of delicious, soft water from every faucet in your house for about 3/4 cents per day. It is entirely automatic, with nothing to get out of order. No chemicals are used and it operates on regular city pressure without any additional pumps or motors.

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

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—by the partly-stuccoed wall of the old stone stable, where the color scheme started with the pale yellow of the pointed cottage tulip, Ellen Wilmott, and the primrose yellow of the fragrant Mrs. Keythley and softened into the chaste old gold of Jaume d'Oult and the golden bronze of the Bronze Queen. It is when you begin to select your tones and colors as subtly as that, that you begin to realize the possibilities of the May flowering tulips and the color harmonies they may bring into our every-day lives. And with these yellows of Ellen Wilmott, Mrs. Keythley, Jaume d'Oult and the Bronze Queen, there was the fluted iliac of the Rembrandt tulips, Uredine, and the blue amethyst of the Darwins, Valentine, and tulips, so you see that it needed a softening and greying of the golden tulips to use them subtly and beautifully with amethyst and iliac.

On the second side of the garden, the tulips started with the rose Clara Butt, with the amethyst of the great Viking and the deeper amethyst of Morales and the golden bronze of the Bronze Queen. It speaks a world for the rose of the Clara Butt, for the atmospheric quality of its seeming brightness and it can be used in this way with the Vikings and Morales. And you can see, too, how careful Mrs. Barton was to keep the unity of her color scheme by thus bringing the rose of her pool into her side borders. On another side, the pink Flamingo and the German iris gave the major theme to the border, while on the other side the dark heliotrope and iliac mauve of the tall Elegantes were the major color notes. One can see that despite this variety in the tulips, despite their varying tones, there was a unity and continuity, with pink and rose, iliac and amethyst, purple and purple old gold repeated in various ways.

It was the same with the edgings for the tulips. With the pointed yellow tulips, for instance, there was the cream of the intermediate irises and the soft creamy yellow of the primulas, cupped as they are in the shelter of their long, droopy-lined leaves. Then, too, there were the light yellow panies, and in front of the undines and Valentines, pink phlox and purple pansies. Almost all the Wilmington gardens love pansies with tulips. And they are not always used as edgings. In one of the larger gardens, I saw pansies used like solid mats of color upon the ground, with rows of tulips or Iris between them. In another large garden the pansies and purple pansies with Iris. This is a valuable idea to you, if you need an abrupt difference in height in your effects. The main thing, however, is to use these pansies not to mix the colors but to have them look very carefully matched.

At Mrs. Barton's the smaller flowers were worked only as edgings but they were worked spontaneously into the borders and were quite as suggestive in the color combinations as the tulips themselves. There were, for instance, clear yellow tulips with cream irises and blue phlox. There were clear and yellow primroses and blue phlox with the Bronze Queen. There were yellow tulips with cream phlox and deep blue pansies, the rich pansy violet of the Morris. There were lavender violets to make the lavender tulips, lavender violets, plum and purple tulips, and plum tulips with purple irises. Indeed, there seems to be no end, no limit to the color combinations that can be made possible. At the borders of the garden, which is also at Wilmington, Mrs. Barton made a garden with a pool in the center and with four borders about it that in Mrs. Barton's are lovely masses of bulbs. These tulips are arranged in such a way that simply with such exquisite restraint and taste that you find it hard to believe that it is the same flower bed, with the same flowers. The garden of Mrs. F. G. Talln, which is at Wilmington, has a border garden with a pool in the center and with four borders about it that in Mrs. Barton's are lovely masses of bulbs. These tulips are arranged in such a way that simply with such exquisite restraint and taste that you find it hard to believe that it is the same flower bed, with the same flowers.

The garden of Mrs. F. G. Talln, which is also at Wilmington, has a border garden with a pool in the center and with four borders about it that in Mrs. Barton's are lovely masses of bulbs. These tulips are arranged in such a way that simply with such exquisite restraint and taste that you find it hard to believe that it is the same flower bed, with the same flowers.
DELPHINIMUM—Stately Stalks Of Color

If you are a garden-lover you will meet your ideal of beauty and hardiness in our superb English Delphinium, or Larkspur. No other perennials lend themselves more exquisitely to picturesque grouping and enchanting garden effects. No other plants reward more lavishly the care and interest of the grower.

These stately stalks of gorgeous color are Nature’s most artistic statuary. They have beautified the gardens of thousands of our customers and they will beautify yours.

From all parts of the country our Improved English Delphinums have called forth expressions of pleasure and satisfaction. Once you have seen these tall flowery stalks standing in your garden you will understand the reason for their wide popularity.

In rich soil some varieties reach a height of more than eight feet, blooming from Spring until late into the Autumn, they give generously of their loveliness. Other plants may rival, but none can surpass the charm and appeal of these delightful Perennials.

Their culture is simple; the results surprising. They will show their appreciation of your care in the increased size and beauty of their spikes and flowers. If properly watered they may be induced to grow in almost any soil. They are as hardy as they are beautiful. They are equally attractive when arranged in beds with ample spacing or when planted separately at some distance apart.

Flower-lovers have made some delightfully artistic garden effects by combining them with Annunciation Lilies, Candidum, or Miss Lingard Phlox. If the spikes which have finished flowering are cut off early, fresh growth is produced. We offer numerous varieties of these improved, carefully cultured hybrids. They are the latest and finest specimens.

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We have the finest stock of Improved English Delphiniums in America. These charming Perennials are the result of careful selecting and scientific hybridizing. They surpass the Larkspur of other days. But in order to obtain the best quality of leaf, flower, spike, and stalk we suggest that you take advantage of one of our special offers.

Fine Mixed English, grown from seeds of famous named sorts $2.50 $15.00
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Extra-selected Varieties, Each 50c 5.00

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Flowers are rather small but of an intense gentian-blue and bloom in open panicles 2.00 12.00

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A pure white form of the preceding 2.00 12.00

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The old-fashioned dark blue Larkspur. The flowers are dark blue, with a light center. A vigorous grower and extremely free-flowering 2.50 15.00

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Light blue, a more exquisite shade than the preceding 2.50 15.00

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LAST year the members of the American Peony Society voted upon the comparative merits of all the good named peonies of the world. According to this vote a flower received not less than 20 votes there were 22 varieties that received a vote of 90 or better.

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Four are Brand Varieties

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This is what one of the best informed peony growers in America said about our 1920 Catalog:

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Our 1922 Catalog is vastly superior to the 1920 Catalog. It is the greatest book ever written on the Peony. It is a true Peony Manual.

It tells you everything you may wish to know about the culture, the varieties, and the history of the Peony. It gives valuable tables and beautiful pictures.

There are such opportunities for beauty offered by the iris, according to Miss Hampden, that one wonders how it is possible (having by this time forgotten about the tulips) to give up any space in a garden to either loveliness than the irises. They belong in the rock garden and in melancholy, wet soil places, they will flourish in the sunshine if there is moisture enough, they will bloom under deciduous trees or in well drained borders. They are haughty and bumble, and of every shade, and so accommodating in manner of growth and size that it seems essential to have every variety, and become an iris expert. For who could do without the Japanese roof iris, the Iris stylosa for the rocks of the stone walls, the lovely white Iris Albensis.

And here Miss Hampden breaks away to talk about snowdrops and bluebells and crocuses. And she writes so feelingly about "long grass walks in early spring", flanked by crocus gold, Chionodoxa blue and snowdrops, and she tells us so enthusiastically about the English snowdrop, the Italian snowbell and the sentimental side of the Russian Galanthus Placitas which flourishes in those sad fields of the Crimea, that we think it is going to be impossible to give all our garden space to the iris. We must have some "winter flowering crocuses" as well as "spring flowering crocuses", though we can solve our dilemma a little by cultivating some of the spring flowers in moss fibre and sea-shells.

Miss Hampden writes delightfully about bluebells, but confuses our ambivalent mind by the paradox that "bluebells are not always blue". For in the chapter on lilies, especially Madonna lilies, all other thoughts of gardening were swept out of our mind, and we knew that no garden could satisfy or truly intoxicate that did not have a hedge of Madonna lilies in June, love, hate, laughing at them on either side and pale yellow violas at their feet.

Interesting Neighbors, by Lawrence Weaver.

Send for our House Garden Book Shelf

This is a book of great value to anyone who has been appointed architect for the palace in Imperial Delhi that we so profoundly interested in his life and work. But because, in no one man in modern times has so much for the development of the beautiful modern houses as the Lutyens. Lutyens is never frightened by tradition, and is equally fearless in the face of new original impulse from the world. He has worked sincerely and quietly, the creator, and yet earnestly as a craftsman as well. He has influenced the making of houses and gardens in England to an extent that would seem almost complete, the most of the beautiful modern houses as the Lutyens is never frightened by tradition, and is equally fearless in the face of new original impulse from the world.

LUTYENS HOUSES AND GARDENS, by Lawrence Weaver.

It is not because Edwin L. Lutyens was appointed architect for the palace in Imperial Delhi that we so profoundly interested in his life and work. But because, in no one man in modern times has so much for the development of the beautiful modern houses as the Lutyens. Lutyens is never frightened by tradition, and is equally fearless in the face of new original impulse from the world.

His method ofalian, the doing of the reparation of Sussex Manor by Hugh Taylor. His knowledge of all periods of architecture, his reverence for them, yet his appreciation of practical and social needs. His ability to render inestimable his contribution to modern domestic architecture in England. He is a craftsman as well as an artist; his designs for furniture both the garden and the house are a delight. His addition to furnishing is interesting pictures are given of work.

This is a book of great value to the trained architect and to the student architect. Detailed plans are shown of both houses and gardens, and many very modern houses are built by him from 1905 to 1927.
Madonna Lilies

Lilium Candidum

THE favorite Lily of the old-fashioned garden produces strong, stiff stems, studded with a mass of pure, glistening white flowers that enliven the perennial Flower garden, or, for contrast with the beautiful green shrubs of the June garden, are unequaled.

Plant During Month of October

and enjoy a good crop of flowers next June, or pot up, store in cold frame, and force for early winter in the greenhouse or conservatory. Our bulbs of this splendid Lily are grown in northern France, and are the true thick-petaled variety, which is much superior in habit and flowering qualities to that of the cheap, loose, southern-grown bulbs.

First Size Bulbs . . . . . . . . . . . $3.00 per doz.; $20.00 per 100
Mammoth Bulbs . . . . . . . . . . . . $4.00 per doz.; $30.00 per 100
Jumbo Bulbs . . . . . . . . . . . . . . . . $5.00 per doz.; $40.00 per 100

Kindly mention "House & Garden" when ordering.

Our Fall Bulb Catalog containing a complete list of High Quality Bulbs for Autumn Planting will be sent to all customers September 1st. A postal will bring you one.

30 & 32 Barclay Street
New York City

Plant this Fall

for quick and early results next Spring. Now that everything is still green and lovely it is time to select those spots you would like to make even lovelier about your place. Let us help you. Write for our handsome book, "Beautiful Home Surroundings."

SENT FREE anywhere east of the Mississippi River and north of the Potomac. Elsewhere on receipt of One Dollar.

WYMAN'S
Framingham Nurseries
Framingham, Massachusetts
Plant Peonies Now

The most splendid flower in cultivation. Our collection is one of the largest in the world. We guarantee our Peonies true to name. The following collections we recommend:

Old Garden Collection
- Alexander Dunns, Pink
- Auguste Lemonier, Red
- Charlesmont, Lilac
- Duchess de Nemours, White
- Fragrans, Red
- Jersey Link, Light pink
- Queen Victoria, White

This entire collection for $1.25

America's Supreme Collection
- Carmen, Pink
- Madame Auguste Daudet, Carmine
- Madame Field, White
- President Taft, Pink
- Eugene Bigot, Red

This entire collection for $2.25

G & R De Luxe Collection
- Martha Bollough, Pink
- La France, Apple blossom pink
- Frances E. W illard, Blush white
- Cherry Hill, Deep garnet
- Rosewood Plass, Shell pink
- Lady Alexandra Duff, French white

This entire collection for $2.50

Hardy Climbing Roses

One year old—feld grown. All will bloom next season. Should be planted this fall or any time before freezing weather.

- American Pillar, Apple blossom pink $ .25
- American Beauty, Red—everybody's favorite
- Silver Moon, Pure white
- Aviatrix, Rhododendron yellow
- Christine Wright, Wild rose pink
- Roman, The Dusker pink Teasmade
- Dr. W. Van Fleet, Silver pink
- Dorothy Perkins—Red, $1.75—White

Any 6 of above listed climbing roses for $1.75

Pauls Scarlet Climber—Darling market—now—a great favorite $ 1.00

Darwin Tulips — The Long Stem Kind
- Charles Bart—Apple blossom pink
- Fargomb Sanders—Brilliant red
- La Tulip Noel—For back
- Princess of Haarlem—Viola rose
- Painted Lady—Creamy white
- Philippe De Commes—Purple

One dozen, your choice, $ 0.50 for 4—$ 1.00 for 7—$ 2.50

Peonies for Pleasure
A beautiful booklet de luxe. A great treat for every Peony admirer. Gives facts and helpful cultural directions. Send for your copy to-day.

$1.75

World's Best Collection
- Ellis Cleaveland, Tyrian
- Ella Wheeler Wilcox, Pink
- Gossensteiner, Pink
- Grover Cleveland, Crimson
- Mrs. Porter, Pink
- Lord Kitchener, Cherry red

$2.50

Mother's Collection
- Livingston, Lilac rose
- The Bride, White
- Marie Lemonier, Ivory white
- Madame Forest, Deep pink
- Rubra Superba, Deep crimson
- Sulphurea, Yellow

$1.50

Peonies for Pleasure
A beautiful booklet de luxe. A great treat for every Peony admirer. Gives facts and helpful cultural directions. Send for your copy to-day.

$1.75

LARGEST ROSES GROWN IN THE WORLD

Gardening

GREEN MANURES

ALTHOUGH green manuring is one of the oldest methods used to maintain or to increase the productive power of the soil, there have been enough new developments in the practice and in the plants used for the purpose in recent years to call them to the special attention of the small home gardener, who does not realize the importance of green manuring in his own garden.

The term "green manuring" means the "turning under of any crop, while green or soon after ripening, for the purpose of soil improvement." The use of special green manure crops is much more restricted locally than in the South, where the deep, warm, moist soil necessary where the crop has been previously grown either by being dug into the soil necessary where the crop has been previously grown either by being dug in, or by being left on the surface to be sown has been grown recently by using an artificial culture. A great variety of bacteria will often inoculate crops of bacteria grown in much the same way that the so-called "green manures" are used, and that the results you wish for. On the other hand, some of the latest creations are: (1) Growth of nodules bacteria on roots of leguminous plants; (2) the making of nitrates by soil bacteria and other organisms from organic nitrogen in the soil; and (3) growth of bacteria and molds that feed on plant waste in the soil and take nitrogen directly from the air. These processes may be stimulated by a number of simple cultural practices and in irrigated areas in the West dry farming green manures are not restricted localities. Non-leguminous crops grown in order of importance are: clover, alfalfa, alaskan clover, sweet clover, peas, soy beans, crimson clover, field pea, weed, Japanese clover, bur clover, and velvet bean. A few others, such as buckwheat, grass pea, fenugreek and lentils, are grown to a small extent in restricted localities. Non-leguminous crops that are considered as useful grumes are grasses, buckwheat, wild oats, and some plants of the mustard family that are used more in Europe than in this country.

Mr. Jakway does not feel that "chance and happy accident" are used in all cases, and all the world knows that with some beautiful results, we have grown out of a combination of difficult surroundings, mishaps and hard work. Unquestionably the road to beauty and comfort in the small cultivated garden is a standard, a developed demand, and a difficult one. It is our kind of surroundings that are to be ventured, and that the effort, results you wish for. On the other hand, some of the latest creations are: (1) Growth of nodules bacteria on roots of leguminous plants; (2) the making of nitrates by soil bacteria and other organisms from organic nitrogen in the soil; and (3) growth of bacteria and molds that feed on plant waste in the soil and take nitrogen directly from the air. These processes may be stimulated by a number of simple cultural practices and in irrigated areas in the West dry farming green manures are not restricted localities. Non-leguminous crops grown in order of importance are: clover, alfalfa, alaskan clover, sweet clover, peas, soy beans, crimson clover, field pea, weed, Japanese clover, bur clover, and velvet bean. A few others, such as buckwheat, grass pea, fenugreek and lentils, are grown to a small extent in restricted localities. Non-leguminous crops that are considered as useful grumes are grasses, buckwheat, wild oats, and some plants of the mustard family that are used more in Europe than in this country.

A. L. W. P.
About This Particular Greenhouse

IT happens that only yesterday we received from our publishers a rather delightful bit of printing called “Glass Gardens,” in which a complete description is given, of an exact duplicate of this particular house.

The viewpoint is a bit different, but the plan is the same.

An Opportunity to Secure Unusual Specimen Evergreens!

BEFORE Quarantine 37 became effective, we imported a large and choice selection of AMERICAN HEMLOCK and KOSTER’S BLUE SPRUCE. Grown in our rugged New England climate, with ample space, and expert care, these trees have developed into bushy, symmetrical specimens with brilliant coloring and vigorous root systems. Each tree will be packed for shipment with a large ball of earth carefully burlapped, F.O.B. railroad or express station, Ridgefield, Conn.

Koster’s Blue Spruce
Picea Pungens Kosterii

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American Hemlock
Tsuga Canadensis

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</table>

Prices on larger sizes or in quantities on application

Everything of the highest quality from trees to perennials. Catalogue

Outpost Nurseries  Danbury Road, Ridgefield, Conn.
Nut Trees
Fruit Tree
Ornamental Trees—Shrubs and Vines
Berry Plants—Evergreens—Hedge Plants

Plant Them This Fall

GLENWOOD NURSERY trees and plants are dependable, healthy, hardy, vigorous and productive. We take extraordinary precautions to keep our stock absolutely free from disease. It is grown in a temperature that makes it sufficiently hardy to thrive in most any climate. No attention is spared to make our stock vigorous and of a persistent growth. Whether planted for nuts, fruits, flowers or ornamental foliage, our stock attains a most luxuriant growth and frequently surpasses in our estimation the limit of its possibilities.

Our Catalogue
of "DEPENDABLE TREES AND PLANTS" fully illustrated, giving complete description of GLENWOOD NURSERY Trees and Plants is now ready for distribution. We shall be glad to send you a copy upon receipt of your request.

GLEN BROS., Inc.
Established 1866
2125 E. Main Street
Glenwood Nursery
Rochester, N.Y., U.S.A.
Just a Talk about a Hobby of Mine

A UTUMN is here and with it my opportunity to again address you on a subject that has been dear to me for more than a quarter of a century and which interests me to-day more deeply than ever—The Peony.

Each Spring, when it is brought home to them that roots should have been planted the previous Fall, many people express to me regrets that they must wait another year for Peony flowers, and so, lest you forget it again until too late, may I urge you to action now—during September and October.

And my appeal to you on behalf of the Peony is not merely a commercial one. It is true that “Dearest” needs an occasional new bonnet, the “Seedlings” a new Sunday School outfit, and father—Oh well, never mind, almost any old thing is good enough for him. This phase of the business is, of course, a necessary one to keep in mind, but outstanding above and beyond all this, as so many now know, is my unchanging love for this flower.

If you knew the Peony as I know it, you would love it as I love it. The brush of a Corot, master of colors as he was, would fail before the modern Peony’s wondrous range and delicacy of shades. De Longpre, (whom I personally knew and frequently saw in action), the greatest flower painter of our time, threw down his brush in despair as he failed to catch the elusive tints—the wondrous sheen of the Peony.

And who can drink in the delicious perfume of to-day’s varieties without wonder, that a Roger & Gallet—a Colgate would give to match what Nature gives us so freely in the Peony. And speaking of Nature, did you ever stop to think how you and Nature working hand in hand can produce pictures of beauty, such as no Rubens, no Corot, no Angelo ever achieved?

Understand?

A very dear old lady, who herself gave most freely of her time and wealth to the betterment of humanity, once asked me if I realized how my own efforts were making mankind happier and more blessed.

Time passes—opportunity slips by. Soon it will be a year too late. Send to-day for a free copy of

“The Flower Beautiful”

which tells you the whole story.

George H. Peterson
Rose and Peony Specialist
Box 30
Fair Lawn, N. J.
"Some single Peonies, like great wild roses with hearts of gold, should certainly be included in your collection." Prof. A. P. Saunders in Garden Magazine.

"Like Great Wild Roses With Hearts of Gold"

SOME single peonies by all means! Then, too, there are the gorgeous Japanese varieties so closely akin. These have the stamens and anthers enlarged into narrow thick petals tipped with vestiges of yellow anthers, but without pollen.

Long years, I have watched over the peony beds, selecting and improving. Those varieties which fell below our exacting standard have been rejected, and promising new ones introduced.

My Peony Catalog is a reliable guide to the best in Peonies. You can also select your irises and other Hardy Perennials from it with full assurance of satisfaction. This book is yours for the asking. Write today.

S. G. HARRIS, Peony Specialist
Box H
Tarrytown, N. Y.

Beckert's Bulbs

Make your selection now from Beckert's direct importations of Dutch Bulbs for Fall planting, indoor and out. The supply of the choicest new varieties is limited, so do not delay.

Catalog complete with information on successful bulb culture Free on request

BECKETT'S SEED STORE, Dept. H
N. S. Pittsburgh, Pa.

West Coast Flowers
For Eastern Gardens

Most of California's wild flowers are absolute exotics in gardens elsewhere. Their vivid colors and original forms always prove delightful and entertaining. Among the most desirable are the lovely Dog's-tooth Violets, which have proved successful in such widely separated districts as Michigan, Montreal, Delaware, Minnesota and Massachusetts. Plant them in colonies in a shady location, and enjoy their dainty blooms each season thereafter.

Let me recommend four that offer a wide contrast of color:

Erythronium Californicum. A fine creamy tint. 500 for $6.25, 1,000 for $10.
E. Hendersonii is delicate lavender with maroon center.
E. Citrinum is light cream with rich citron center.
E. grandiflorum robustum has the bright yellow of buttercups.

These three may be had in lots of 500 for $7.50, 1,000 for $12.50. All of them are pictured in color in my new California Bulb catalog. Other illustrations show Mariposa Tulips, Lilies, Ferns, and other hardy plants. Ask for a copy.

My Perennial Catalog lists a vast quantity of hardy plants. There are Irises at popular prices, and the latest of Vilmorin's and Bliss' seedlings. Then there are the aristocrats of the family, including Dominica at $2.50, and Ambassadeur and Magnifica at $10 each. You'll also find rock and alpine plants, together with complete cultural notes. Ask for a copy of Perennial Plants.

Carl Purdy
Box 185, Ukiah, Cal.
GREENHOUSES

KING greenhouses are made in various sizes, from the small lean-to and conservatory having a few potted plants, to the large range of many houses for tropical fruits and flowers. There is a size to meet every requirement, regardless of whether you have a city or country home. The best way to get an idea of the many types, sizes, and styles of design, is to send for the profusely illustrated booklet which we shall be glad to mail to you without cost or obligation.

“When you think of good greenhouses think of KING”

KING CONSTRUCTION COMPANY, NORTH TONAWANDA, NEW YORK

Exceptional!

THE famous Madonna Lily blooms profusely in June, with flowers of pure glistening white. Not the ordinary kind, but a special kind, collected with great effort in France; tall, stately stems from 4 to 5 ft. high, averaging from ten to fifteen flowers of monster size. Order at once, for we have only a limited quantity. You should plant them right now! $5.00 each, $5.00 per doz.

Other Specials in Quality Bulbs

100 Dutch Hyacinths in 4 colors ................................................. $6.00
100 Darwin Tulips, Schling's superfine mixture ................................ 4.00
100 Art or Avatar Tulips, Schling's superfine mixture ...................... 4.50
100 Daffodils—our special assortment for naturalizing, big, medium, and short trumpets, all top size bulbs ........................................... 4.00
100 Crocus, designated colors, or our assortment .......................... 1.75

Our prices cannot be duplicated. Importing tremendous supply enables us to make these generous offers!

A Bulb Book with treatise on bulbs for indoor culture included free with every order.

Hill’s Evergreens

Ever Beautiful—Ever Graceful—Plant Them Now

Summer may come and go—flowers may blossom and wither, but the home surrounded by Hill’s Evergreens is a perpetual bower of beauty. Specify Hill’s Evergreens when you consult your Landscape Architect, Nurseryman or Florist and you’ll get the perfected types of over 60 years of scientific culture by D. Hill—the recognized Evergreen specialist.

Send for special fall price list which shows many varieties from the world’s largest stock of choice evergreens—all at new reduced prices. Do it now and get your selections in time for fall planting.

The D. Hill Nursery Company

Evergreen Specialists for over 60 years

301 Cedar Street

DUNDEE, ILL
Cherry Hill Peonies are Beautiful Beyond Comparison

They embrace the rarest and best produced in this country and abroad.

They are Healthy, Vigorous and of a wonderfully free blooming habit.

Their intrinsic qualities made it possible for us to win the American Peony Society Gold Medal at Detroit in 1919, at Boston in 1921 and again at London, Ontario, in 1922.

Remember in sending your orders to us that you are purchasing from a firm which has been over fifty years in developing more beautiful peonies from year to year.

Catalog
Cherry Hill Nurseries
(T. C. Thurlow's Sons, Inc.)
West Newbury, Mass.

Iris, Peonies and Gladioli

The Flowers that Bloom from April until October

Order Iris and Peonies now for early fall delivery. We grow over 600 varieties of Irises and 85 varieties of Peonies of the finer sorts including the choice new importations. Our rich black soil enables us to grow the finest of roots and bulbs. Our stock is grown under Minnesota climatic conditions and is therefore acclimated to grow well in all parts of the United States and Canada.

Our free illustrated 34 page catalogue offers numerous Special Collections of each of our specialties at very special prices, with 25 pages of Iris lore and valuable cultural hints.

RAINBOW GARDENS
SEVENTH FLOOR, COMMERCE BLG., ST. PAUL, MINN.

To guide you in your Fall Planting Problems—our service department has drawn up a twelve-page booklet which we will gladly mail to you gratis, upon request.

This booklet is intended solely to guide you in the proper selection of stock for various planting purposes, and covers such subjects as parterre and foundation plantings, with keyed plan of arrangement, climbing shrubs, border and hedge suggestions, etcetera.

A request for this booklet entails absolutely no obligation to buy from us. Simply write for our booklet No. 202, "To Guide You in Your Fall Planting.""

SUCCESSFUL FOR OVER A CENTURY"

AMERICAN NURSERIES
SINGER BUILDING
R. E. Edward spicy, Inc.
NEW YORK

100,000

Peonies, Iris, Bulb, and Hardy Plants

We have one of the finest and largest selections in the East. As an inducement for you to test their quality, we make a special offer:

Special $5.00 Collection

8 Peonies—Choice varieties
12 Iris—Latest varieties
25 Darwin Tulips—Best XXX Mixture
25 Daffodils and Narcissi—Mixed, splendid Assortment

With each $5.00 order for the items listed above, we will include gratis either of the following items:

One root Peony "America Beauty," value $1.00, or 20 Bulbs, Narcissus, "Mrs. Langtry," value $1.00.

In ordering state preference.

Our Catalog Tells You How to Grow and care for them. Also describes all the new and rare varieties. Send for your copy today.

BABCOCK PEONY GARDENS
(Established 1890)
Jamestown Carrier No. 78
New York

Beckert's Seed Store

Most Exquisite of all Breeder Tulips

A new and rare Tulip of marvelous color and form, James Watt is without a doubt the finest variety of the Breeder type yet developed. The flowers are globular, of splendid size and substance; outside rich rose-purple, edged dark brown and with fine ash bloom; inside royal purple with green base, starred white. The combination of colors and shadings is magnificent. Very rare. Single lb. 80c; Three for $2.25; Doz. $8.10 postpaid.

Catalog Free on Request

BECKERT'S SEED STORE
Dept. H.
N. S. Pittsburgh, Pa.
The Perfect Sprinkler for Every Purpose

The Double Rotary Sprinkler perfectly solves the watering problem for homes, golf courses, parks, etc. Constructed on a new and better principle; requires little attention.

THE DOUBLE ROTARY SPRINKLER

Sprinkles the natural way, "like a gentle shower." Simply and durably constructed; all parts inter-changeable. Approved by noted authorities. Can be regulated to cover a radius of 15 to 80 feet, according to pressure.

Price $12.50 anywhere East of the Rockies. Order direct from this ad or write for full information. Sold on a Guarantee of Satisfaction or Your Money Refunded.

THE DOUBLE (ROTARY SPRINKLER CO.

1230 Cera Cina Bldg. Kansas City, Mo.

The Double Rotary Sprinkler

A Mark of Distinction

A Callahan Sectional Greenhouse brings to your very many things—all year round flowers and fruit-bearing foliage for the winter table, of course. But more than that, there is a certain grace and distinction that accompanies the ownership of such an outdoor conservatory.

Callahan Sectional Greenhouses are designed especially for city residences and suburban homes. The sectional construction but the quality never changes. At the new low prices you can now have one for as low as $300.

Callahan Greenhouses are built in completely finished unit sections and shipped ready to assemble. Any busy man can quickly and easily bolt the sections together.

Let us send you The Greenhouse Book— it gives full details.

T. J. CALLAHAN CO.

519 S. Perry St. Dayton, Ohio

Also manufacturers of larger Greenhouses for commercial and residential growers. If interested, ask for our Commercial Catalog.

HYACINTH, NARCISSUS, TULIP, ETC.

We import none but the highest quality bulbs grown in Holland, also specializing in the introduction of new varieties particularly adapted to those most interested in having the best obtainable in their collections.

SEND FOR CATALOGUE

Compare prices and note saving over the past few years. Order early, as the supply will be limited.

WATERER'S SPECIAL LAWN GRASS SEEDS

HOSEA WATERER

628 CHESTNUT STREET

PHILADELPHIA, PA.

PERGOLAS AND ARBORS

This advertisement shows only a few of suggestive features from our catalogue containing over one hundred distinctive garden decorations.

When writing for copy, enclose 20c and ask for catalogue "P-51."
**Perennials and Evergreens**

May be moved now with safety

**WE** have a comprehensive selection to choose from. Broad enough to cover a wide choice, and in quantity large enough to satisfy the largest estates. We will gladly send you a copy of our handbook of general information on trees and hardy plants, if you will ask for it. It will assist you in making selection.

**The Bay State Nurseries**

**W. H. Wyman & Son, Proprietors**

North Abington, Mass.

---

**Make Yours a Regal Garden**

**REGAL LUPINS** We believe we are the first in this country to offer the new English Hybrids strains of Lupinus Polyphyllus known as the Regal Lupins. This remarkable race of hybrids have fascinating tints and unique combinations of color that are difficult to describe. There are creamy shades, amber, coppery-orange and almost canary-yellow, mingled with bronze, bright rose, terra-cotta slate and lavender-blue.

**REGAL DELPHINIUM** At the same time we have obtained direct from the introducer a superior strain of Hydrid Delphinium, also known as "Regal." These are grown from seed selected from the best named English varieties.

**REGAL LILIES** These new perennials referred to above are fit garden companions for the Regal Lily, and planted with them, produce a beautiful color combination.

**MOVILLA GARDENS**

Haverford Pennsylvania

---

**PEONIES & IRIS**

All the newest European and American introductions

Highest awards by American Peony Society.

Highest awards by American Iris Society.

Movilla plants are unsurpassed for vigor and freedom of bloom.

Descriptive catalog compiled by James Boyd and John C. Wister—30c. Price list free.

**MOVILLA GARDENS**

Haverford Pennsylvania

---

**DRERER'S**

**Autumn Catalogue for 1922**

Offers the best grade of Bulbs for Fall planting, including Hyacinths, Tulips, Narcissus, Crocus, Lilies, etc. Also Seasonal Plants, Lawn Grass Seed, Agricultural Seeds, Tools and Implements of all kinds; Fertilizers and Insecticides.

This catalogue is well illustrated and gives accurate descriptions, together with cultural information.

A copy will be mailed free to all applicants who mention this magazine.

HENRY A. DREER

714-716 Chestnut Street


---

**BETTER PEONIES—BY FARR**

For Those Who Want Quality

Peonies—Farr’s Peonies—are an asset to every garden, increasing in value every year. This collection includes popular and desirable varieties that will grow and bloom freely. Plants are one year old, with three to five eyes.

**GARDEN GROUP NO. 2**

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<td>Dee de Wellington</td>
<td>White and sulphur, Late</td>
<td>$1.50</td>
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<tr>
<td>Felicita Cremona</td>
<td>Brilliant red</td>
<td>$1.00</td>
</tr>
<tr>
<td>Grandiflora white spine</td>
<td>White, Early</td>
<td>$1.00</td>
</tr>
<tr>
<td>Miss Emily Gaul</td>
<td>Creamy white, Late</td>
<td>$1.00</td>
</tr>
<tr>
<td>Mon. Jerard Ellen</td>
<td>Lilac-tipped, Early</td>
<td>$1.00</td>
</tr>
<tr>
<td>Princess Beatrice</td>
<td>Violet-tinted and white, Midseason</td>
<td>$1.00</td>
</tr>
</tbody>
</table>

10 plants (one of each) for $7.50

Order From This Advertisement. I am so sure that you will be pleased with Farr’s Perennials that I am willing to fill your order for any of the plants grown at Wyomissing, and let you pay after you receive them.

If you prefer to leave the selection of the varieties to me, just tell me what colors you want, and about how much you wish to invest in the plants. Orders on this plan should amount to $10 at least.

Bertrand H. Farr

106 Garfield Avenue, Wyomissing, Pa.

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**F. H. Horsford**, Charlotte, Vermont
"BUFFALO" Distinctive FIRE SCREENS

"BUFFALO" FIRE FENDERS, SPARK GUARDS and FIRE PLACE SCREENS are unusually distinctive in appearance. Their good and correct design, their well placed ornamentation, and their attractive finish lend charm to the most perfectly appointed residence. They insure perfect safety from flying sparks and absolute protection to children and older members of the household.

"BUFFALO" FIRE FENDERS, SPARK GUARDS and FIRE PLACE SCREENS cannot be compared with flimsy, cheap ones. They are strong and durable, and made by the most skillful workmen from the best "BUFFALO" quality of five mesh wire cloth. We make them to fit any size fireplace opening and in any desired ornamentation or finish.

We also make "BUFFALO" PORTABLE FENCING SYSTEM, VINE TRAINERS, TREE GUARDS, GARDEN FURNITURE and WINDOW GUARDS, etc. Information gladly furnished.

Write for complete catalogue No. 89-BD. Mailed upon receipt of 1 cent postage.

BUFFALOWIREWORKS CO., Inc.
475 TERRACE (Formerly Schuler's Sons) BUFFALO, N.Y.

Have A Garage Heating System Absolutely Self-Regulating

Garage warm or garage cold—what a difference in comfort and economy.

There are 26 exclusive vital features in the Syraco. Two or three minutes once a day is all the attention necessary. Burns either hard or soft coal. Fuel consumption reduced to a minimum by trouble-proof temperature control, regulated by temperature of water. Even water level unnecessary. There's a size Syraco for your garage—whether one car or garage. Write for complete catalogue No. 89-BD. Mailed upon receipt of 1 cent postage.

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The Charm of Colonial Furniture

The interior furnished in Leavens Colonial Furniture is pleasing to the most discriminating. Or, for a piece here and there, in nook or corner, you will search far before you will find anything more satisfactory than these true examples of the furniture of early America.

Leavens Furniture

Personal preference may be exercised in the matter of finish. Unfinished pieces will be supplied if desired. Hand decorated work of unusual beauty executed—either on colonial or modern furniture.

Write for Set No. 5 of illustrations and Leavens stains.

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32 CANAL STREET, BOSTON, MASS.
The Charm of Japan for Your Walls

In ancient times, when the Daimyo paid his yearly visit to the Tokugawa Shogunate he brought back with him as his most valued present, lengths of cloth, called “Kazufu”, being the woven honeysuckle Vine, growing wild on the hills of Japan, bleached and delicately colored. These lengths were used for the Samurai Ceremony Dress.

Some thirty years ago realizing the possibilities of this material for modern use, we started backing it with paper so it could be used on your walls, and as best explaining the finished material it was called GRASSCLOTH. However beautiful your pictures and furniture may be, a background of GRASSCLOTH, the handwork of an artistic Peasant, will enhance their beauty and individualize the atmosphere of your home.

Ask your Decorator to show you GRASSCLOTH. If he hasn’t the color you most—

E. W. STILLWELL & Co.

The Charm of Japan

for Your Walls

Hand-braiding rugs is a fascinating art. That’s why the 5th generation of Maine weavers are still braiding Pinkham rugs for you— weaving their own sturdy personalities into color combinations that delightfully harmonize with your home furnishings, antique or modern. Pinkham braided rugs, in rounds or lengths, are on view at the leading stores. For any desired special partner or color combination, send samples of your wall coverings and chintzes, and our artists will submit color sketches, without charge.

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Six Newest and Finest Early Tulips
1922 SPECIAL OFFER

Cullinan (Single Early). Creamy white, edged with rose. Large, well-formed, substantial flowers. Good outdoors and extra fine for forcing. Each, 25c; doz., $1.65; 100, $12.00.

De Wet or Fireglow (Single Early). Glowing orange-yellow, flushed and stippled with scarlet. Forces bright orange. Flowers unusually large and sweet-scented; on long stems. Each, 40c; doz., $4.65; 100, $28.50.

Rising Sun (Single Early). The newest and, by all odds, the best pure yellow Tulip for both bedding and forcing. Long, handsome flowers. Each, 5c; doz., 50c; 100, 50.60.

Elate (Double Early). Deep, rose violet, shaded lighter violet. A sport of Studio but larger and more double. Each, 50c; doz., $4.35; 100, $28.00.

Van Der Hoeff (Double Early). Pure primrose-yellow. A splendid forcing. Superb when forced. Each, 10c; doz., 95c; 100, $6.50.

Peach Blossom (Double Early). The finest pink forcing Tulip. Vivid rose-pink, double flowers. Each, 10c; doz., $1.65; 100, $10.00.

Asortments: One of each (6) $1.15; Six of each (36) 6.00; Twelve of each (72) $1.00; 25 of each (150) $2.50.

By Mail or Express Prepaid, about Oct. 1st.

Beckert's 1922 direct quotations of Dutch bulbs render most of the finest and most potent new varieties of Tulips, as well as other lovely Bulbs, at prices lower than ever before. See our new catalogue for a few examples. Comes on receipt.

BECKETT'S SEED STORE

ANCHOR POST CHAIN LINK LAWN FENCES furnish a permanent good-appearing boundary for garden or lawn. Electric welding of frames produces gates that hang true and swing easily. Sturdy steel posts are held by anchor because anchored by driving diagonal anchor stakes across the line of fenc ing deeply into the ground. The stalwart basic materials used in Anchor Post Fences and Gates are permanent because galvanized—posts, gate-frames, and strong chain link mesh are thoroughly protected from rust by hot-dip spelter galvanizing. The result?

GOOD FENCES
Made by the
ANCHOR POST IRON WORKS
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It isn't just a Cheque Book

Two tall single-flower vases, flanking a covered bowl of cream porcelain—with fruits in it, perhaps, to show their colours through the open body; two little jars of Bassano ware, placed against a hanging or wall-paper of oriental brilliance. . . .

It isn't just a cheque-book that you need to collect an ensemble of this refreshing individuality. It takes expert knowledge of the shops—and, often, patience too.

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If what you want is shown in the Shops or advertising pages of House & Garden, simply mark the article, clip the page, and send it with your cheque. If it's something you've visualized but haven't seen, describe it as fully as you can—perhaps we know where you can get it, if not we'll look for it. Or if you've simply a corner to fill and don't quite know the happiest way to round it out, send us a snapshot or a sketch, and see what we can suggest.

In any case, please don't hesitate to call on us and write to the

Information Service

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19 West 44th St.
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Autumn Improvements

In planning improvements which will be incorporated in your home this fall you should not fail to give consideration to means for providing running water, under pressure, more conveniently.

Hoosier Water Service equipment solves the water supply problem for farm, suburban, or small town home owners.

Hoosier equipment is economical to install and to operate. Equips, and often surpasses, city water service. Used in connection with any well or cistern.

Your local plumber will give you detailed information; if you prefer, write for Bulletin G.

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Build NOW!

Now is the time to build that long-deferred home of your own! Building prices have reached new low levels. Longer delays are dangerous. Our modern plan books contain many new ideas and helpful building hints. Will save you dollars.


COLONIAL PLANS, D. LUX, Unusual, distinctive and worth while, should be in the hands of every prospective builder. Contains numerous artistic pictures and plans of moderate-priced Colonial bungalows and residences. Only 60c postpaid.

Order both books today, Money back if dissatisfied.

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**How Do You Like These Homes?**

T**hese handsome homes are two of many recently designed by Henry T. Child, the plans, descriptions and estimates of cost for which, are contained in his two books on home building. The upper one is James River Colonial, and the lower one, 14th Century Italian. Both are adapted to American building and living conditions.

Mr. Child's books are the result of 40 years' combined practice of his own and his father for an exclusive Metropolitan clientele. Both books abound in practical information on determining the correct amount to spend for erection in relation to the land value; the selection of the site, etc.

**SUFFOC HOUSES**

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contains three plans, descriptions, and estimates for three-story, two-story, and one-story dwellings ranging from $12,149 to $264,699, net delivered.

**COLONIAL HOUSES**

(11½ x 20"

contains five plans, descriptions, and estimates of 26 two-story, two-story, and single-story dwellings ranging from $12,149 to $264,499, net delivered.

Erection costs in these books are revised to this month! Send for descriptive booklet and sample pages.

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Suite 1212, 230 Madison Ave., at 40th St., New York
Planning, Supervision, Alterations—Fireproof Dwellings & Specialty

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Three Seconds of Basy Bread a day, Help reduce your weight in a natural way.

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September: my last week's output of Basy Bread. Please inform me how to repeat at normal. Feel very well. In fact, have lost about fifty-eight pounds since having Basy Bread. I am very thankful. Thank you so much for the sample of Basy Bread I received from your course.

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Your friend must have told you about Basy Bread, now the famous diet food high in nutritive value, low in caloric content. Basy Bread is not a medicine or drug, but a wholesome and delicious food scientifically prepared. Basy Bread is a complete diet in itself, yet has few carbohydrates. Write for your copy today. Mail me a strip of Tirro. snugly clean—and odorless. It is thorough and far easier than any other method. And it does without injuring either the bowl or connections. Keep Saniflush handy in your bathroom.

Saniflush is sold at grocery, drug, hardware, plumbing and house-furnishing stores. Price, 25c.

**California Bungalow Books**

"Home Kraft" and "Draughtsman" each contain Bungalows and Two Stories. "Plan Kraft" Two Stories. "Kozy Homes" Bungalows, $1.00 each—all four for $3.00. De Luxe Flats $1.00.

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521 UNION LEAGUE BLDG.
LOS ANGELES, CALIF.

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For a firm grip, safer driving, easier handling of your car, wrap the steering wheel with Tirro—the new water-proofed mending tape.

Tirro mends most anything, too. Garden hose, crockery, rubber gloves, leaky hot water bottles, insulates electric wires. Mends some things temporarily, others permanently. You can color it to match the article mended.

It's a brand new idea in mending tape. Bauer & Black make it. All drug-gists have it. Costs nothing to try it.

Three Sizes: Small, 15c; Medium, 25c; Large, 50c.
At Drug Stores
What Will Be the Ultimate Cost of Your Home?

Upkeep, depreciation and insurance are considerations not overlooked by the judicious home builder.

Some years ago a Committee on Fire Prevention was appointed by the Boston Chamber of Commerce to collect data on frame houses costing approximately $10,000, termed "Class 3," and on houses of exactly the same dimensions, but having exteriors of fireproof materials and costing approximately $12,000, termed "Class 2." The following report was rendered:

The average efficient life of Class 3 houses—20 years
The annual charge-off with interest at 4% $736.00
Repairs and painting 250.00
Total per year $986.00

The average efficient life of Class 2 houses—40 years
The annual charge-off with interest at 4% $580.75
Repairs and painting 100.00
Total per year $680.75

The cost per year on the above basis for a frame house was $305.25 more than on one built of fireproof materials, or an increase of 45%. The accuracy and authenticity of these figures are indisputable.

And Indiana Limestone is today conceded to be the most fire-resistant of all building materials. Its extreme durability has caused it to be known as "the truly permanent building material."

The increasing demand for this natural stone is due to its proved ultimate economy. For further information address Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.
No pleasure of gardening equals that of serving one's family and guests with fruit out of one's own garden.

Rich, melting Cherries; Peaches, the very appearance and perfection of which tempt; Apples, Pears and Plums, that bring you nature's choicest gift in most attractive form; are home grown fruits within the reach of all having the soil.

You can save time by purchasing of our selected stock and assuring yourself an early crop of luscious fruit.

Well-Grown Trees—Soon to Bear Fruit

This message is intended particularly for the man who has room for comparatively few trees and does not want to wait. Our especially selected specimen fruit trees are making splendid growth in our nursery and promise to be in great shape for transplanting to your grounds this fall. By repeated transplanting we have developed wonderful fibrous root-systems on them—roots that will take hold at once, getting trees ready to bear soon.

Melting, Aromatic Blueberries

These finest of all fruits for making the most delicious pies may now be successfully grown in your garden with our repeatedly transplanted, sturdy, nursery-grown plants. Rapid growers, of proven hardiness and heavy yielding powers, the Blueberry bushes we send will come to you with properly burlapped roots that will start immediate action in your garden soil, creating vigorous growth next year. Depending entirely upon soil, season and weather conditions, the Blueberry plants we offer will start bearing either the first or second year after you plant them.

Ornamental as well as Useful

Besides furnishing you rich, creamy fruits for making delicious pies, the Blueberry is of ornamental value, with its brilliant foliage in summer, and bright red twigs which put color into your garden during the winter months. As easily grown as any berry; you will nevertheless find easy culture directions in our catalog.

Send for Fall Catalog

(Beautifully printed in natural colors)

Learn all about our soon-to-bear fruit trees for immediate planting, the choicest Blueberry plants obtainable, also about unusual small fruits, grape vines and other good things for the home garden.

Mayo Nurseries, Inc.

(J. G. Mayo & Co.)

800 Ellwanger & Barry Bldg.

Rochester New York

For Folks Living Near New York

In an endeavor to give better service than ever before to old and prospective customers in the Metropolitan district, we maintain a New York Office in charge of specialists in landscape work and garden construction. We suggest that New Yorkers get in touch with our Landscape Designers and Engineers, who gladly and willingly will furnish advice on the construction of rock gardens, ornamental plantings, and who will undertake any work large or small to beautify the surroundings of estates and suburban homes.

To save time, address New York Office at National City Building, Madison Avenue at 42nd Street.
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A round cigarette that does not have to be tapped
squeezed or loosened —
Made from the famous
PALL MALL blend of 42
kinds of Turkish Tobaccos

20 Pall Mall Rounds (plain only)
in the new foil package

PALL MALL (REGULAR) PLAIN OR CORK IN BOXES OF 10, 50, 100 AS USUAL