



ONE DOLLAR



INFORMATION

About Sizes, Colors, How to order, Parcel Post Shipments, Terms
will be found in the Price List

Catalog Number 72

BALL and BALL
"Whitford"
463 West Lincoln Hwy.
EXTON, PA. 19341
PHONE AREA CODE 215 363-7330



*Twenty-five miles west of Philadelphia
on U. S. 30 -- 3 miles east of Downing-
town in the heart of Chester County's
antique district.*

3 Miles from "Downingtown" Interchange on
Pennsylvania High Speed Turnpike

1 Mile west of the Crossing of U. S. #30 and Penna. #100.



TRADE NAMES REGISTERED

"BALL AND BALL BRASSES"

"BALL BRASSES"

Copyright 1969 by William Ball and W. Whitman Ball

We let others use fancy words and claims
about quality - we use fine materials,
handwork and experience to produce it.

cabinet hardware	2-19
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Fine Quality



Prompt Service



Fine Quality



Prompt Service

GENERAL INFORMATION

SEE PRICE LIST FOR SIZES, COLOR, MATERIAL, AND METHODS OF SHIPMENTS.

WE SELL TO COLLECTORS OR BUSINESSES IN LARGE OR SMALL QUANTITIES — MINIMUM CHARGES ARE IN EFFECT ON SOME ITEMS—CARRYING CHARGES ARE MADE ON ALL SHIPMENTS.

WHEN YOU ORDER BY MAIL, PHONE OR WIRE, SAVE TIME AND POSSIBLE SERVICE CHARGES ON RETURNED MATERIAL BY A COMPLETE STUDY OF THE CATALOG AND PRICE LIST.

ANY ITEM NOT LISTED OR PRICED IN THE SIZE OR COLOR OR DETAIL YOU WISH MUST BE HANDLED IN OUR OFFICE AS A **SPECIAL ORDER**, EXPECT DELAYS ON SUCH NEEDS—ONE OR TWO WEEKS, SOMETIMES LONGER, TO FIND OUT IF WE CAN AND WHEN WE CAN SUPPLY.



SHOWROOMS OPEN

8:00 to 4:30

Monday through Friday

These showrooms should be considered as factory showrooms and should not be thought of as a retail store.

If you stop in with an **EMERGENCY REQUEST**, we can sometimes deliver over the counter from a small group of brasses kept in the showroom for such rush problems **BUT** with a few exceptions all showroom orders **MUST** be shipped at a **LATER** date.

A telephone call in advance when an emergency exists is desirable, phone Area Code 215-363-7330—a five or ten minute search in the factory stock room is usually required.

This section of the catalog deals with furniture fittings used on American-made pieces from about 1720 to 1840. During this entire period when today's modern, mass-production techniques were still years away, cabinet hardware was completely made by hand.

Up to and through the Revolution most of the hardware was imported directly from England; the Colonies were expressly forbidden to manufacture it. There is, however, evidence that, law or no law, some of it was actually made here. The industry gained great impetus from the War of 1812 but from its inception production was based on individual craftsmen, responsible for the finished product in its entirety. As the demand grew, one or two men in any group of ten or so workers developed special skills such as polishing or filing at which they worked all day long, week after week, year after year. They nevertheless took great pride in their craftsmanship and when their work was passed on to the man who completed an order, it was with a full knowledge of what the finished product would be like when handed over to a customer.

The beginnings of the machine age coupled with the pre-Civil War expansion ended all this. New ideas, short-cuts, product cost-cutting and methods of volume production were the inevitable results. Hand-workmanship, above all, was considered useless, wasteful and something to be quickly abandoned wherever possible. Fine designs and finishes, in fact the very reasons for their existence, were lost sight of in the struggle for "the almighty dollar". Specialization became the rule in all shops to meet an ever-rising demand. As the volume increased, materials and finishes were cheapened with a total disregard for the details that once were the prideful accomplishment of dedicated craftsmen.

Today, we all live on a scale that would be impossible without the things that coordinated engineering skills produce with complicated machines, giving Americans "the good things of life" in abundance, things that should be deeply appreciated. The "good things of life", however, are not always the same for everyone. Here at Ball and Ball, they are fine things made of fine materials pridefully sold as items of lasting beauty because they are quality reproductions of acknowledged, authentic designs for useful purposes. They are moreover, precisely the same as those used in the homes of those who made this nation great, each product a link to America's yesterdays.

Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



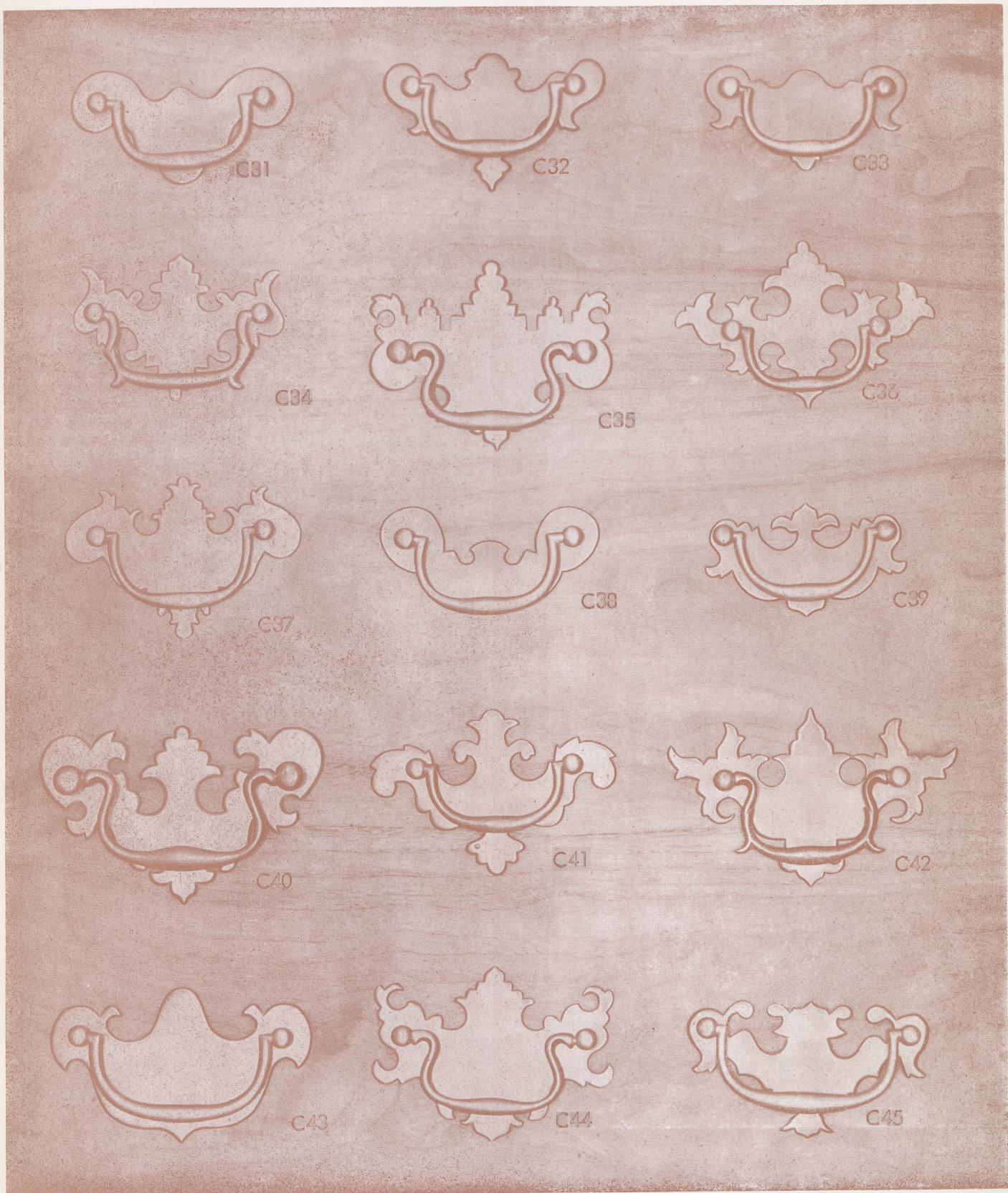
Prompt Service



Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



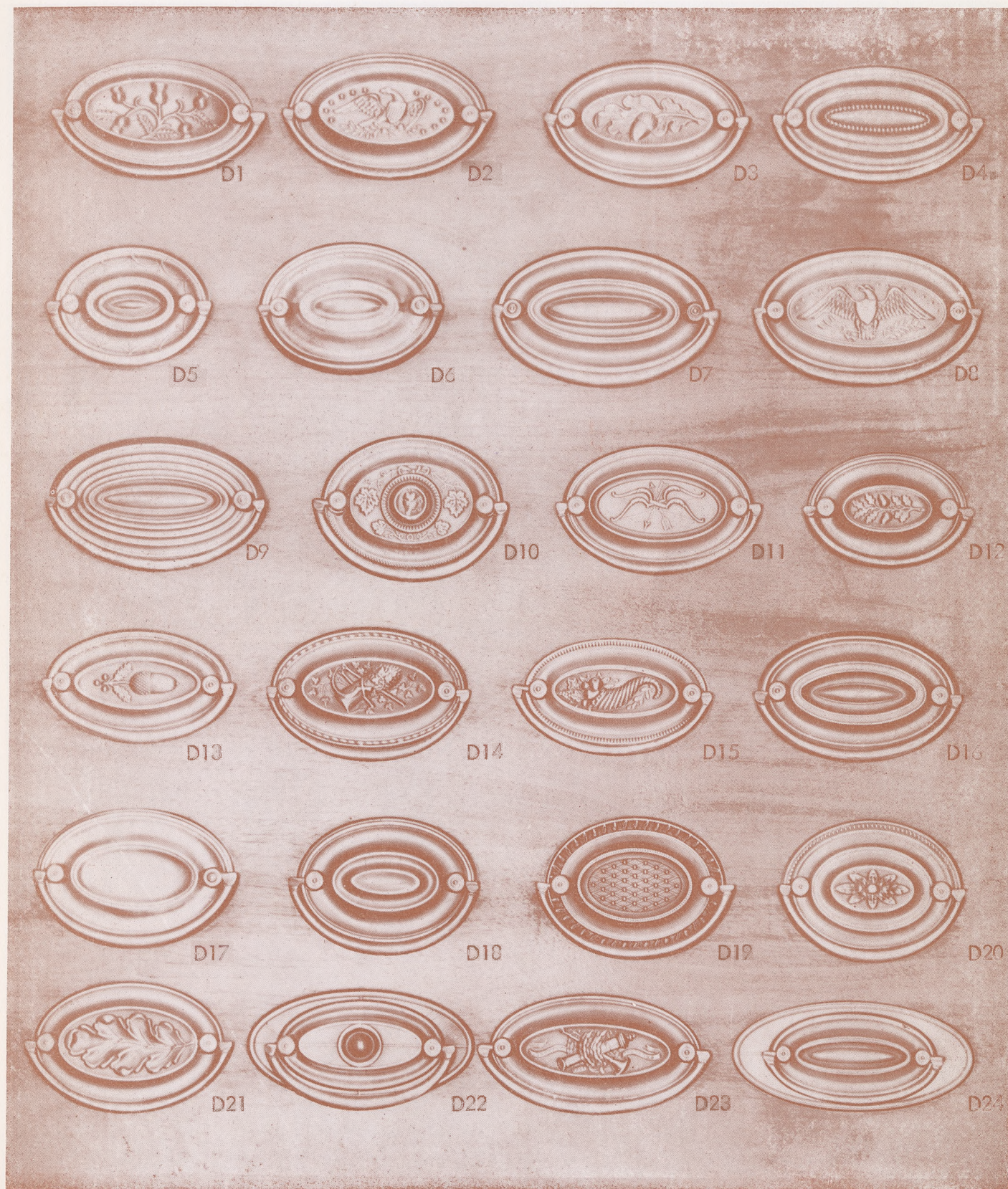
Prompt Service



Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



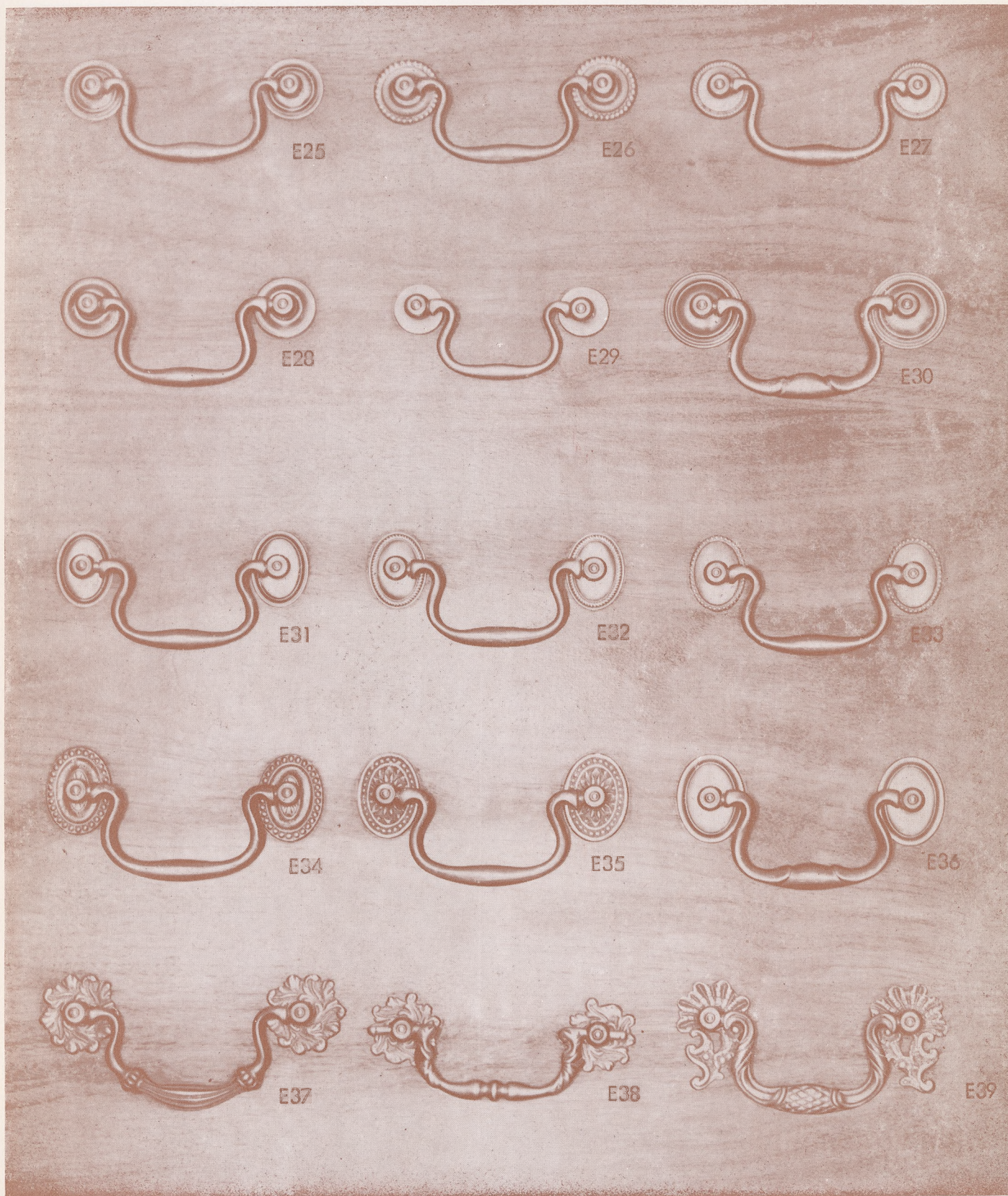
Prompt Service



Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



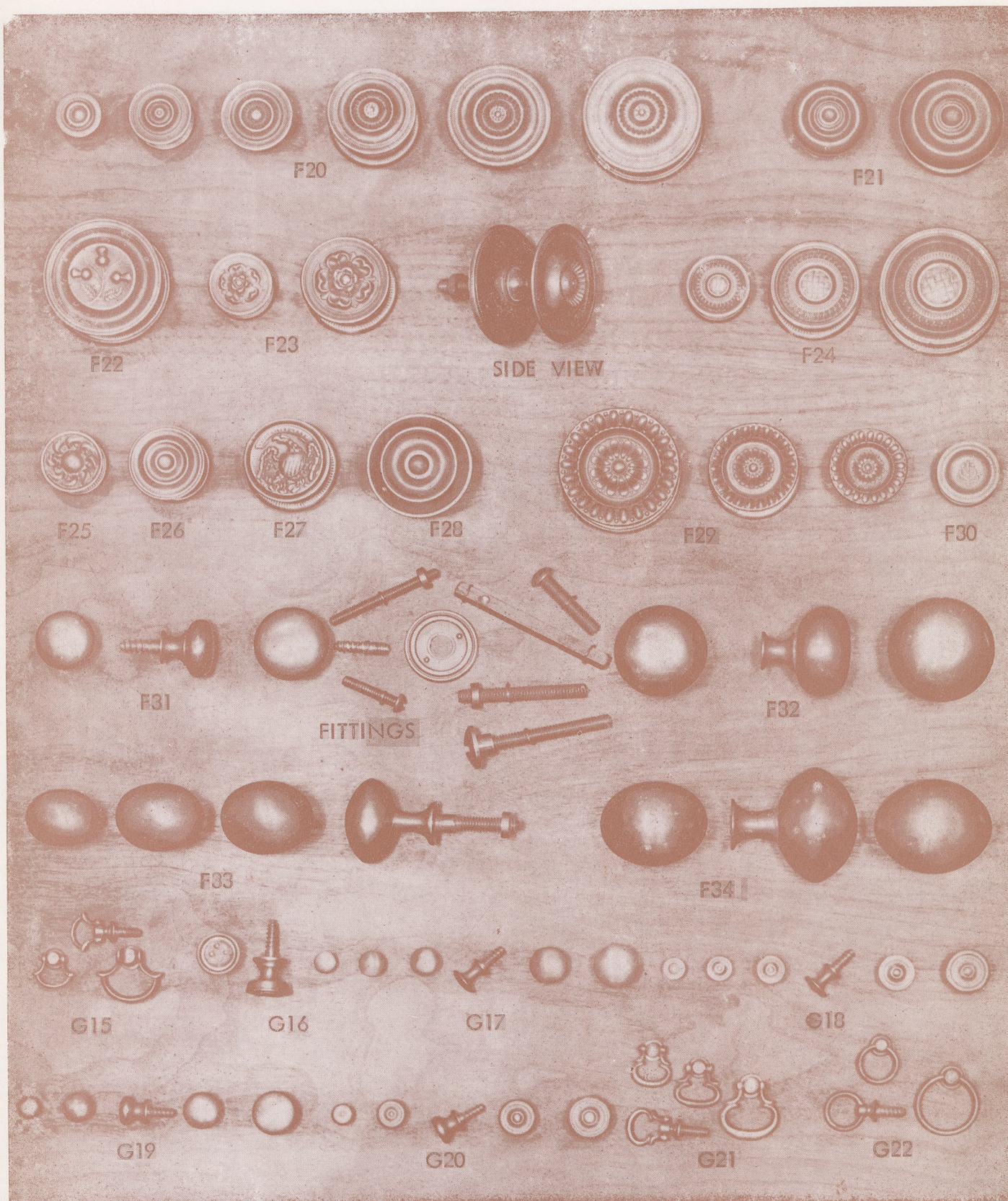
Prompt Service



Fine Quality



Prompt Service

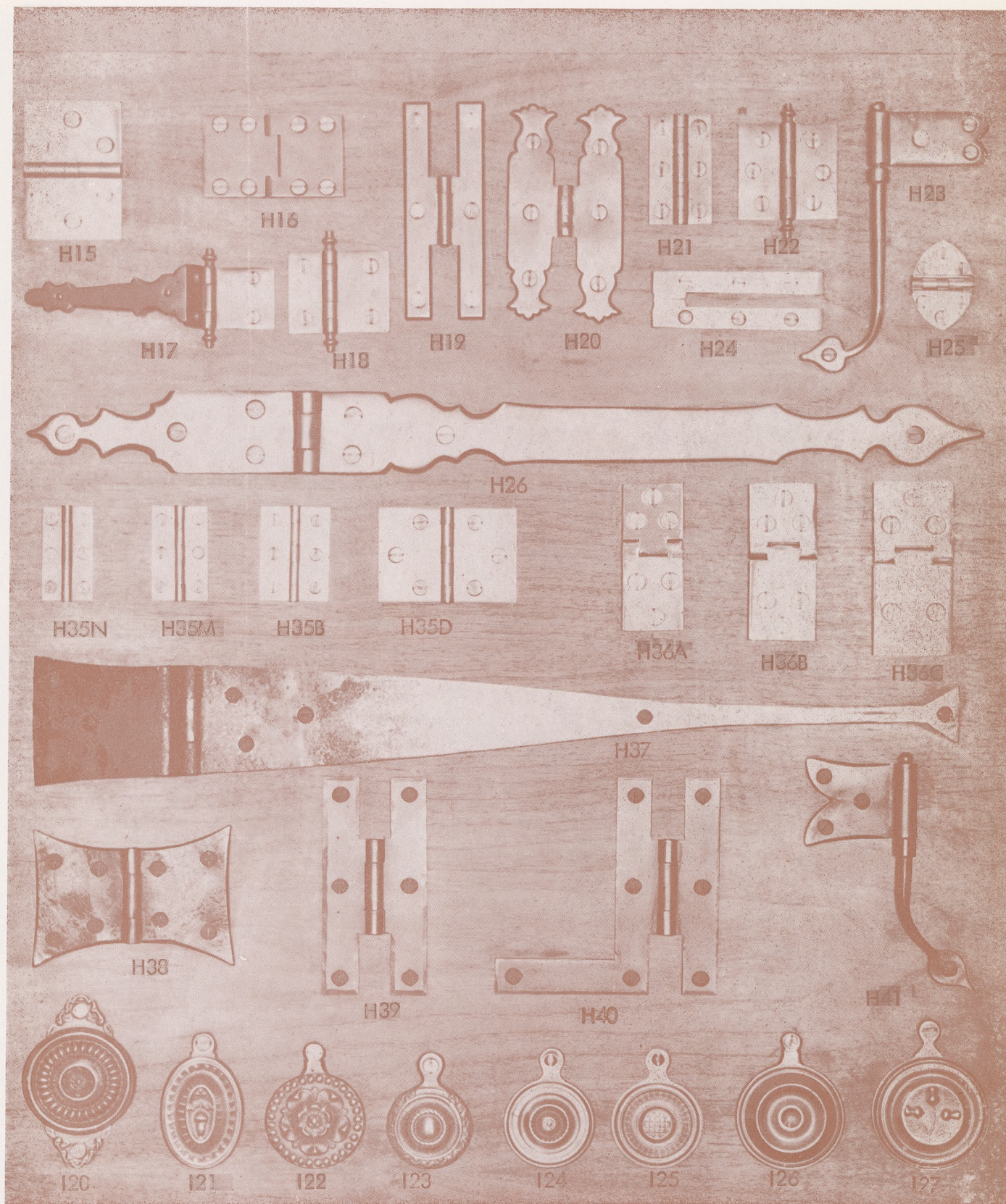


"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



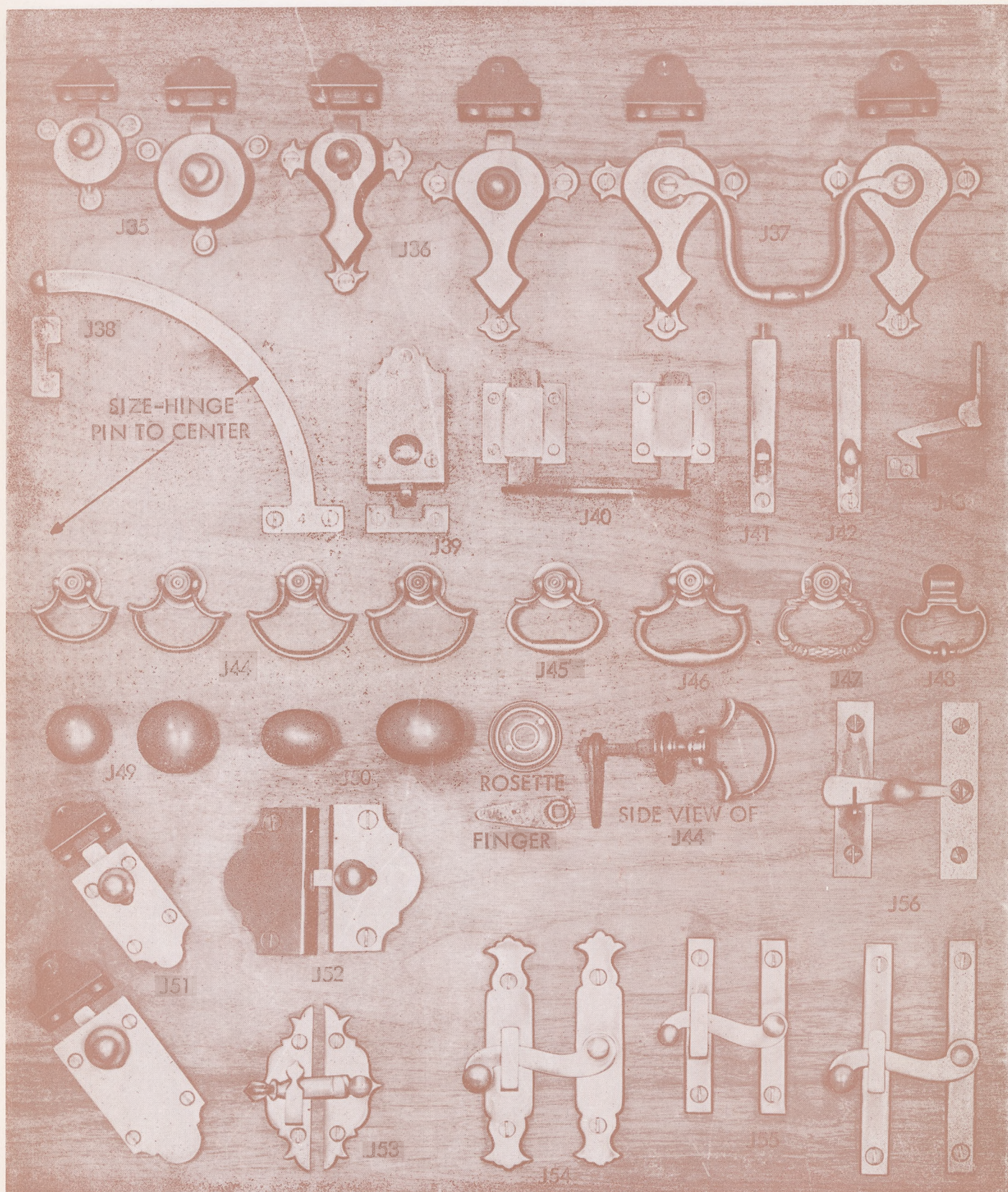
Prompt Service



Fine Quality



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"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

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Prompt Service

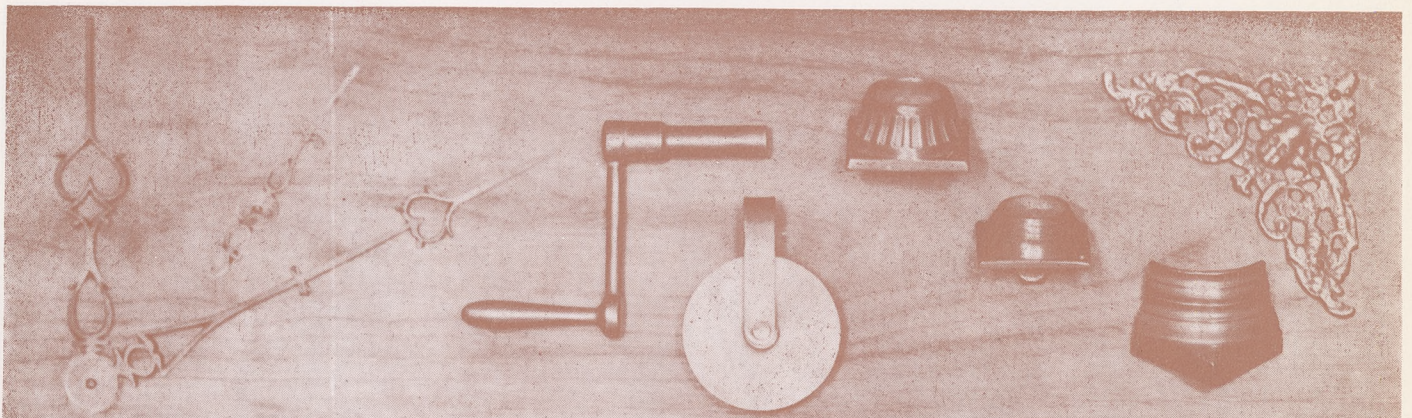


"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

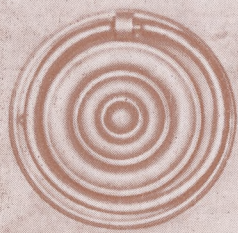
Fine Quality



Prompt Service



SERIES "N" CLOCK ITEMS, PLEASE SEE PRICE LIST



O30



O31



O32



O33



O34



O35



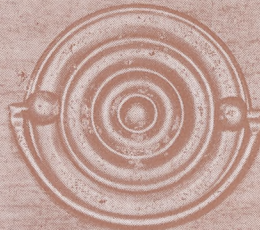
O36



O37



O38



O39



O40



O41



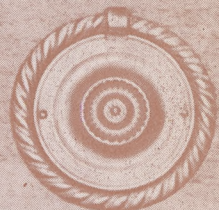
O42

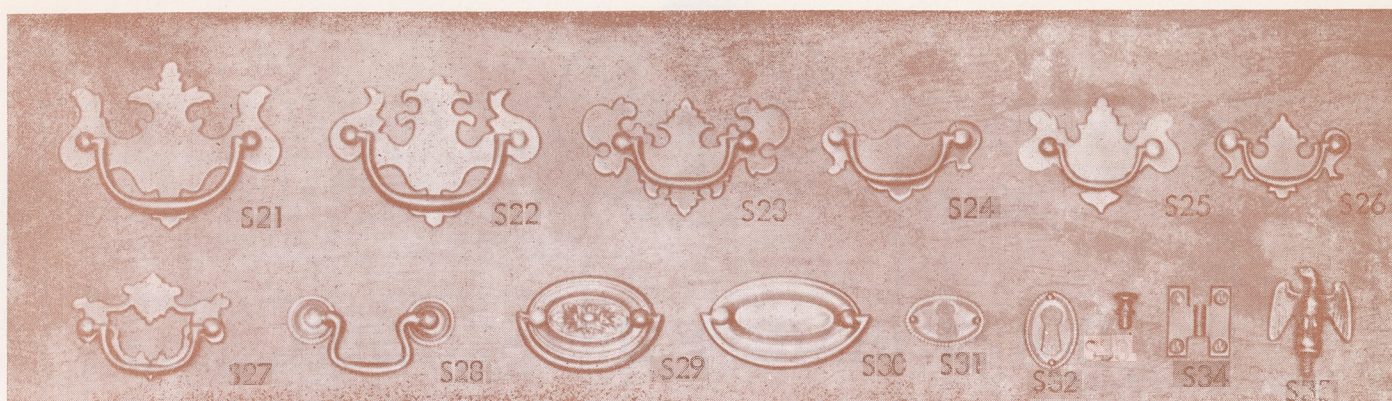


O43

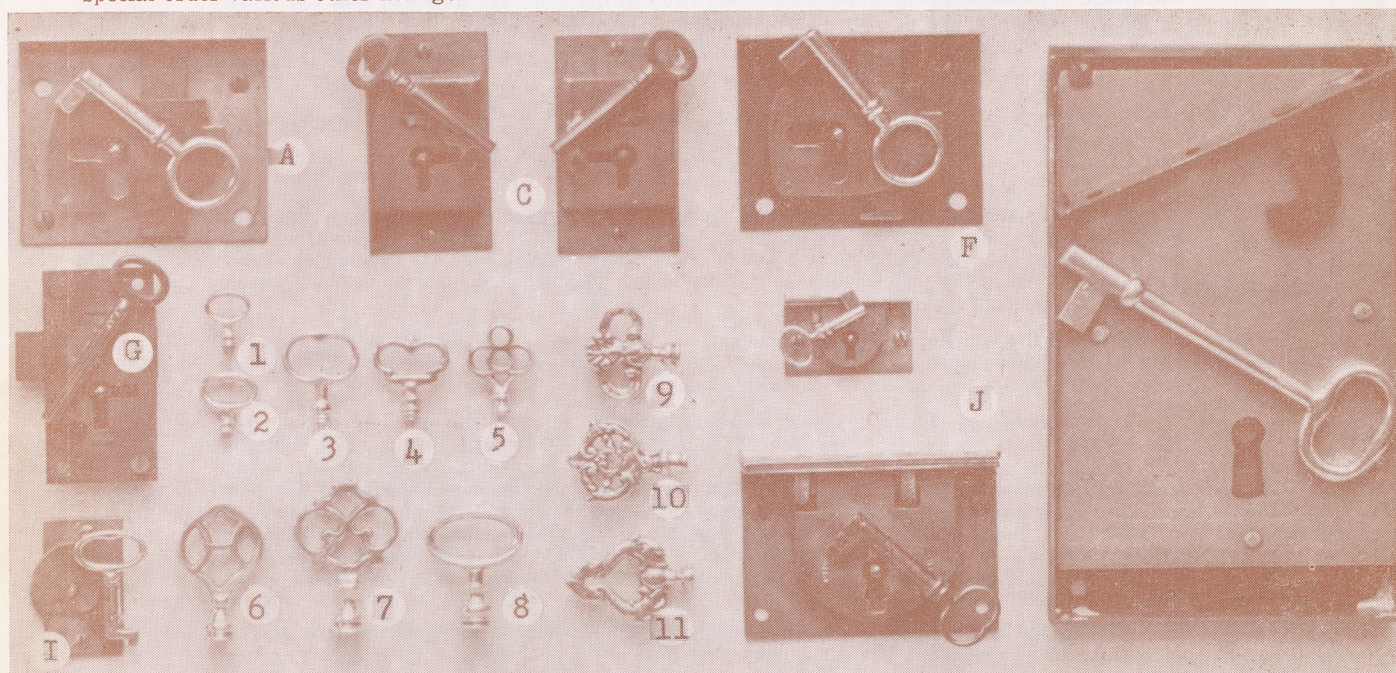


O44

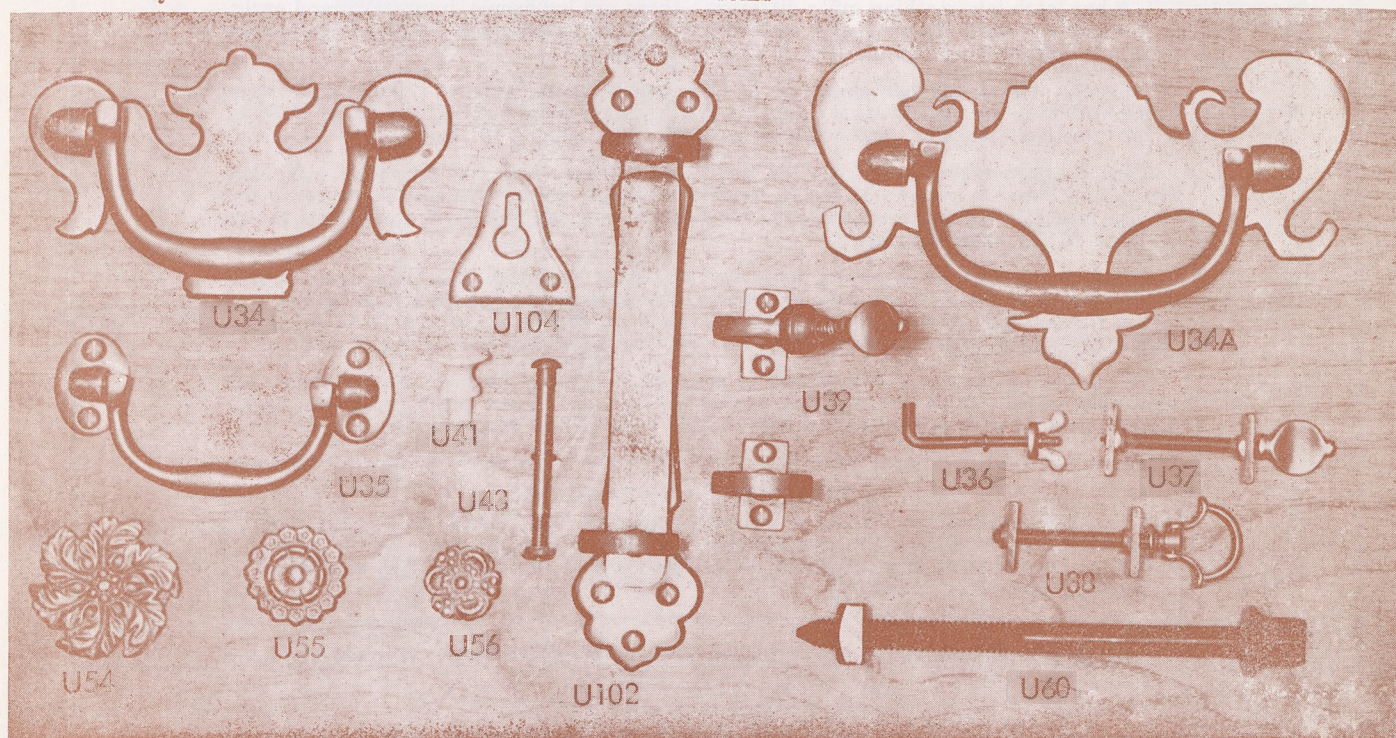




SERIES "S" BRASSES FOR MINIATURE FURNITURE. In addition to sizes in price list we can furnish to special order various other fittings.



SERIES "T" All cabinet locks are under this series as well as the key bows. Key bows can be fitted to your keys or ours.



SERIES "U" Miscellaneous items for many purposes. See last page for additional miscellaneous items.

Fine Quality



Prompt Service

HOUSE HARDWARE SECTION

Hand-made reproductions of well-proportioned original examples. We have furnished hardware for almost every important restoration in the country. You will find our work in homes — new homes or restored homes from an early one room log cabin to a new residence of a size and quality that only our best architectural firms could handle.

GENERAL INFORMATION ABOUT CATALOG ITEMS AND EXAMPLES OF THEIR USE

Door illustrations on opposite page show general examples of proper mountings. Main entrance doors in formal types of homes and many 18th Century styles of offices are now equipped with full size box keepers to balance double doors. All double doors need one or two bolts to hold one door firm. Bolts long enough to conveniently reach both at top and bottom should be used.

Bolts of brass should be used where the locks are brass—see pattern X-651 page 32, iron bolts with extension handle like X-657 are for top mounting to hold single doors more firmly or for one of a pair of double doors.

Dutch doors are charming when correct hardware is used—do not buy doors with narrow lock rail. An 8 x 4½" box lock of the X-90 or X-100 type in iron is ideal. Hinges can be regular butt types or strap types. If you wish to use butterfly or any other unusual type hinges we will be glad to help. Quadrants are the best for holding top and bottom doors together but are late improvements over the time honored bolts. A bolt in a vertical position over the lock held the doors together and another at the top as illustrated was usually used for better closing. Iron, nothing but iron should be used on Dutch doors but you have insisted so we also make brass quadrants and brass strap hinges to go with brass locks.

Remember, outside doors equipped with thumb latches must have the bar on the side with the hinges—the beautiful part is outside and you must also have a bolt or key lock, usually a key lock like X-710 illustrated on page 31, outside of door has cylinder key with escutcheon L-203 also shown on page 31.

A bar latch is something quite different—these are handsome, impressive and early, X-710 lock and strap hinges match well. Bar latches as shown on lower right of opposite page are opened from outside with a large oval knob.

French doors, whether single or double, usually have narrow vertical lock rails, horizontal rails are not always placed at a convenient height for a handle so X-90 or X-100 "vertical" locks or mortised lock X-M-109 must usually be used.

In the days when these types of locks and latches were current there was little distinction between outside or inside hardware except one of size. Inside doors do not always need key locking mechanism so we suggest you consider X-95 style locks shown on page 26, all have slide bolts.

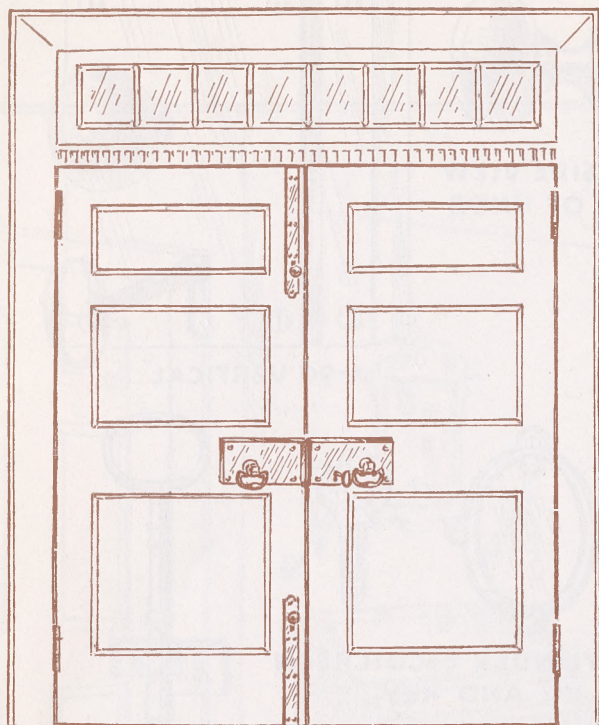
On powder room or bathroom doors chrome plated hardware is usually used but it is not necessary to use modern locks or latches. Just select any type from this catalog and let us furnish all the brass parts that will show on the inside of the room in plated finish, the hall side or outside of the door will then still have its "antique" look.

The locking rosette X-855 shown on page 31, is used as bath or powder room lock with plate latches or box locks when the door swings out. When doors swing into rooms latches or locks with self contained key or slide bolts should be selected.

TO TELL THE HAND OF DOORS

All three doors at bottom of opposite page are "left" hand. To tell the hand of a door, stand with your back against it so that it can not open—if the hinges are on your left, it is a left hand door. This method can be used for any doors, house, cupboard or furniture.

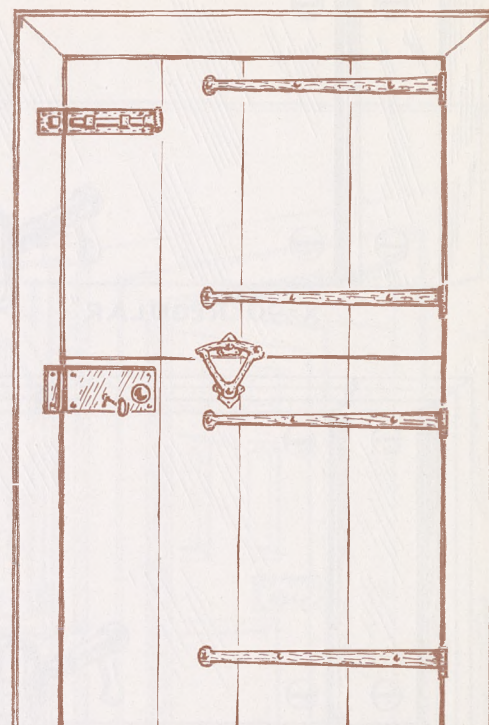
All door locks and latches are furnished with complete fittings for both sides of door.



A

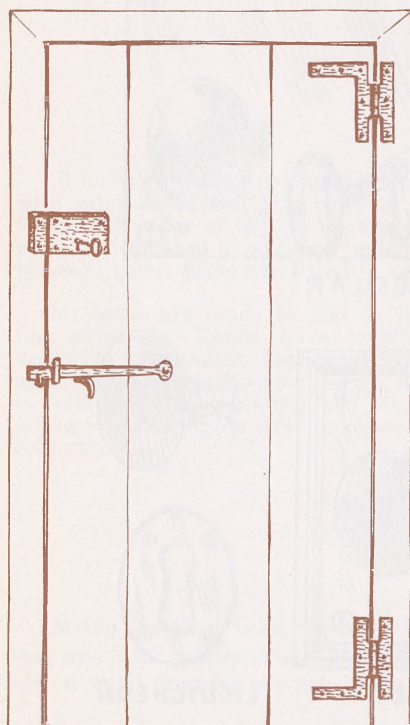
RIGHT HAND
Immediately above is
a right hand door.

L. H. ACTIVE

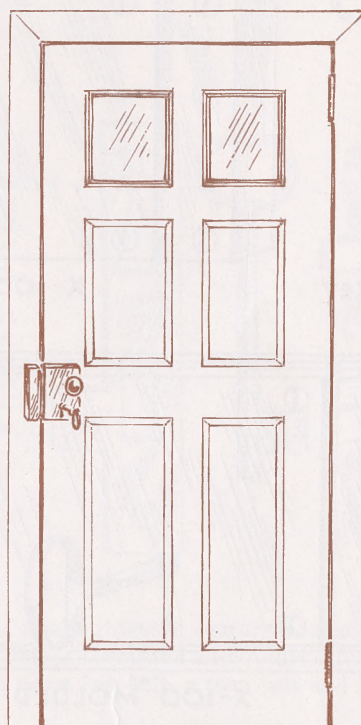


B

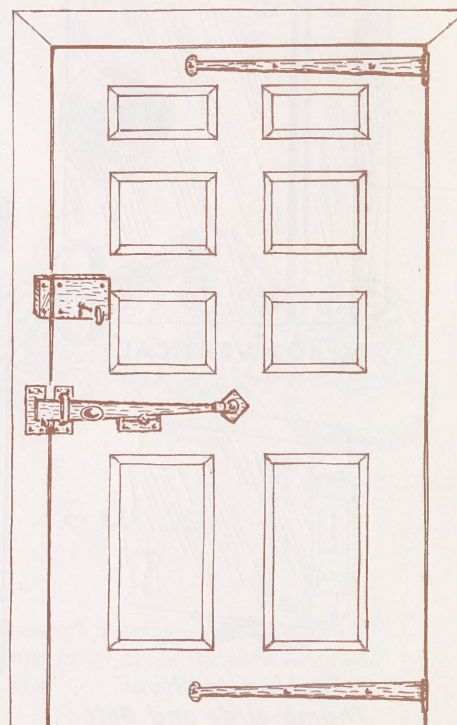
An "active" door of a pair is the one on which the lock is placed. The other, or "inactive" is bolted. The full size box keeper shown is an "unusual" mounting, most double and most single doors should be equipped with "usual" keepers as illustrated in the room pictures on pages 23 and 25. On the outsides of doors "B" or "D" would be mounted knobs and rosettes and key escutcheons. On door "C" a thumb latch like X-500 or X-505 shown on page 24 and a key escutcheon for the lock. The lock on door "C" and also on door "E" is our catalog number X-710. It has only one bolt operated with a key so it must always be used with an additional latch. Door "E" has a bar latch lifted from the outside with a large oval knob mounted on a rosette. The outside of this door would also have a key escutcheon.



C



D



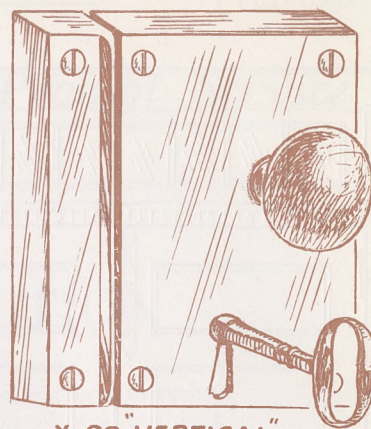
E



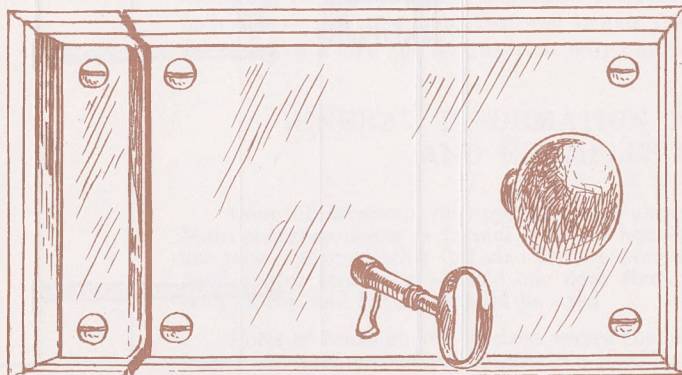
X-90 "REGULAR"



SIDE VIEW
OF KNOB



X-90 "VERTICAL"



X-90 "MOLDED EDGE"

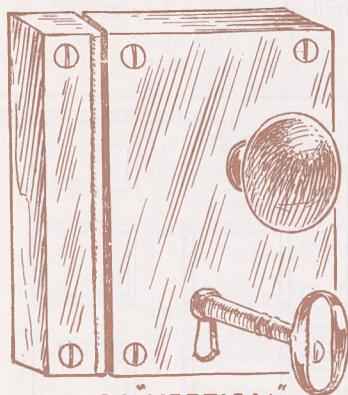


CYLINDER ESCUTCHEON
AND KEY



LARGE BIT KEY

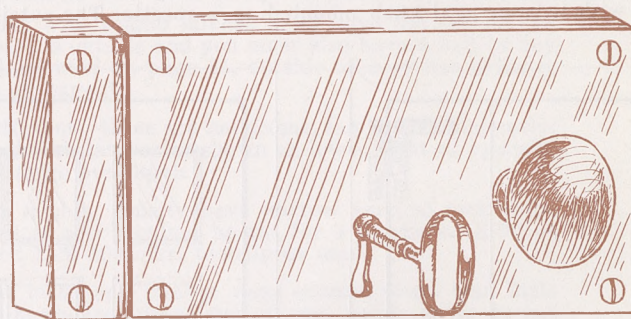
CYLINDER-KEY BOX LOCKS, BRASS



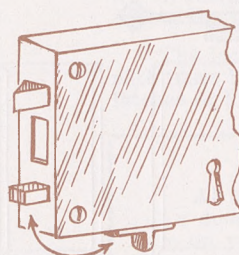
X-100 "VERTICAL"



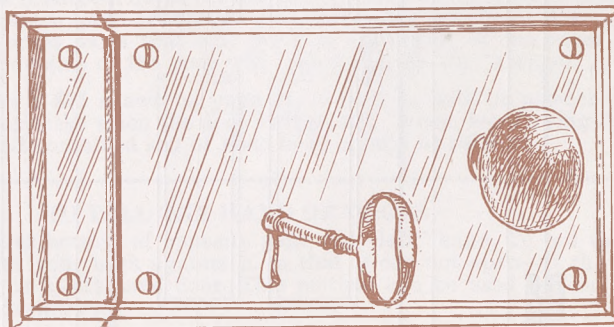
BIT KEY



X-100 "REGULAR"



Section to show
Thumb-slide and Bolt

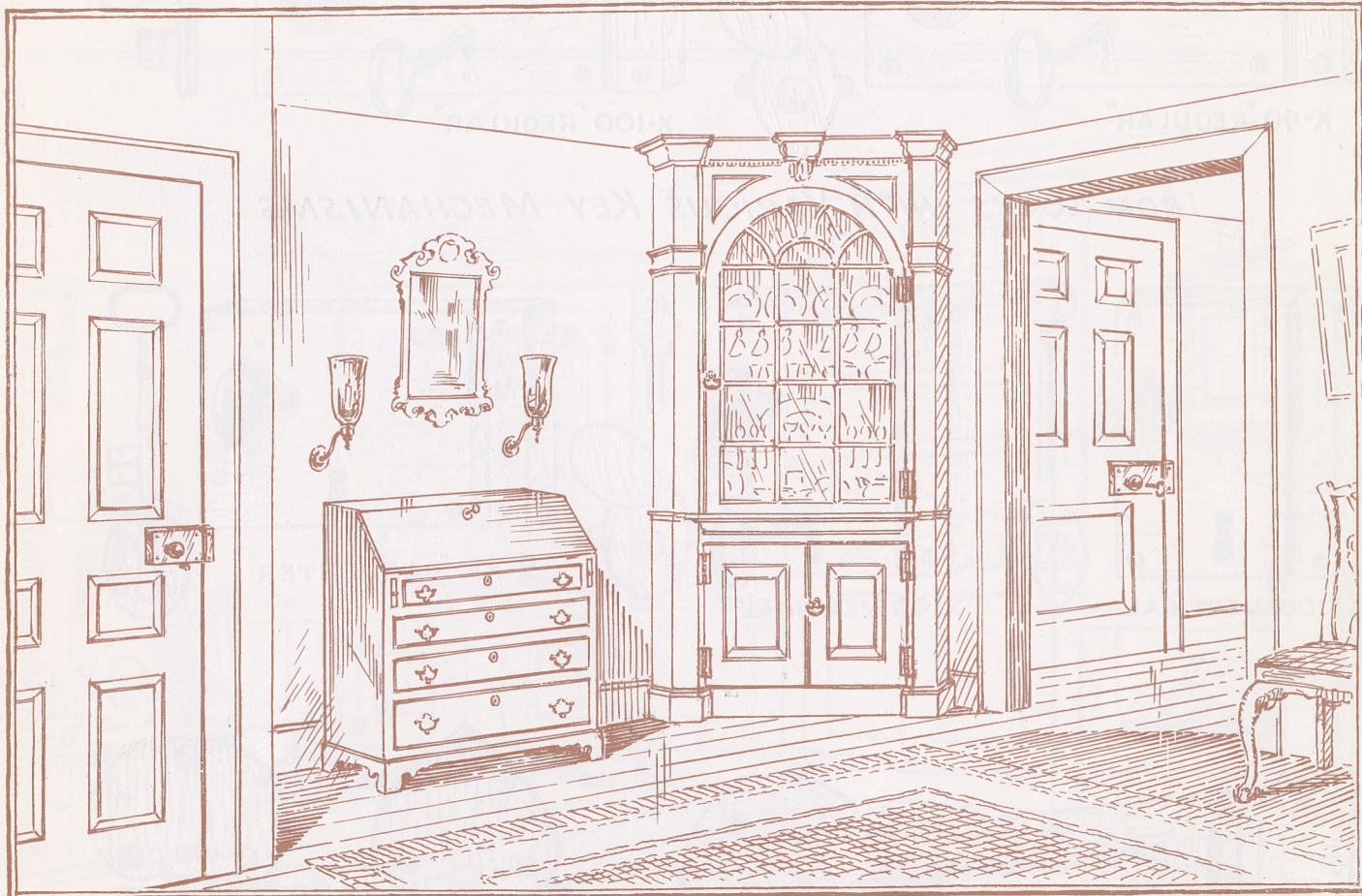


X-100 "MOLDED EDGE"



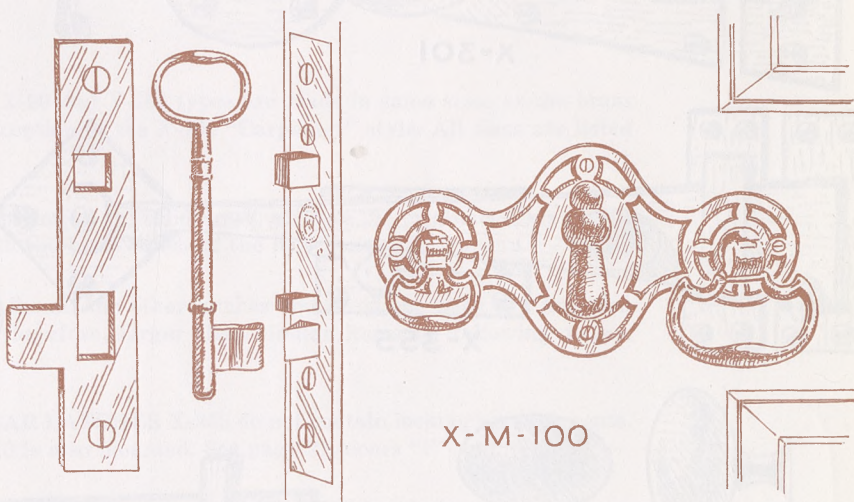
ESCUTCHEON

LARGE KEY BOX LOCKS, BRASS

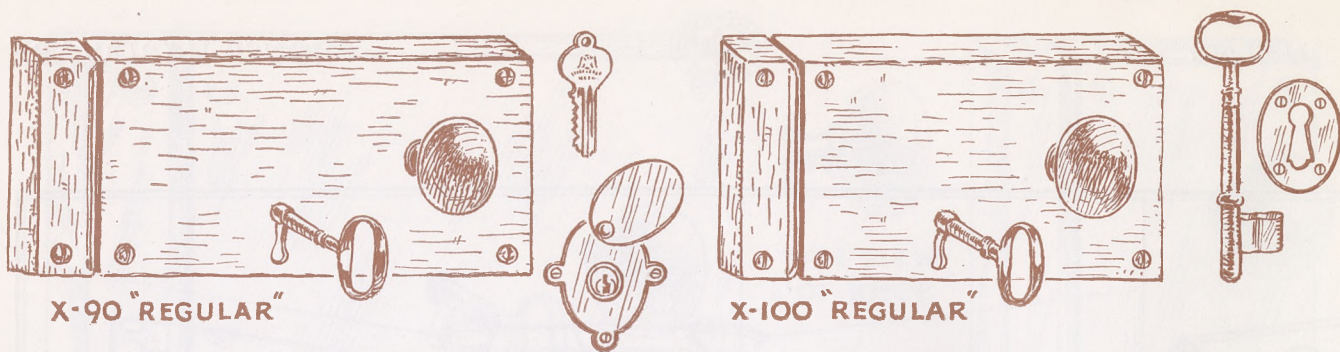


All locks on these two pages are complete with latch bolts and key bolts to operate from both sides of door. All are made of brass and finished in our own "golden glow" polished color. Sizes are listed in price list.

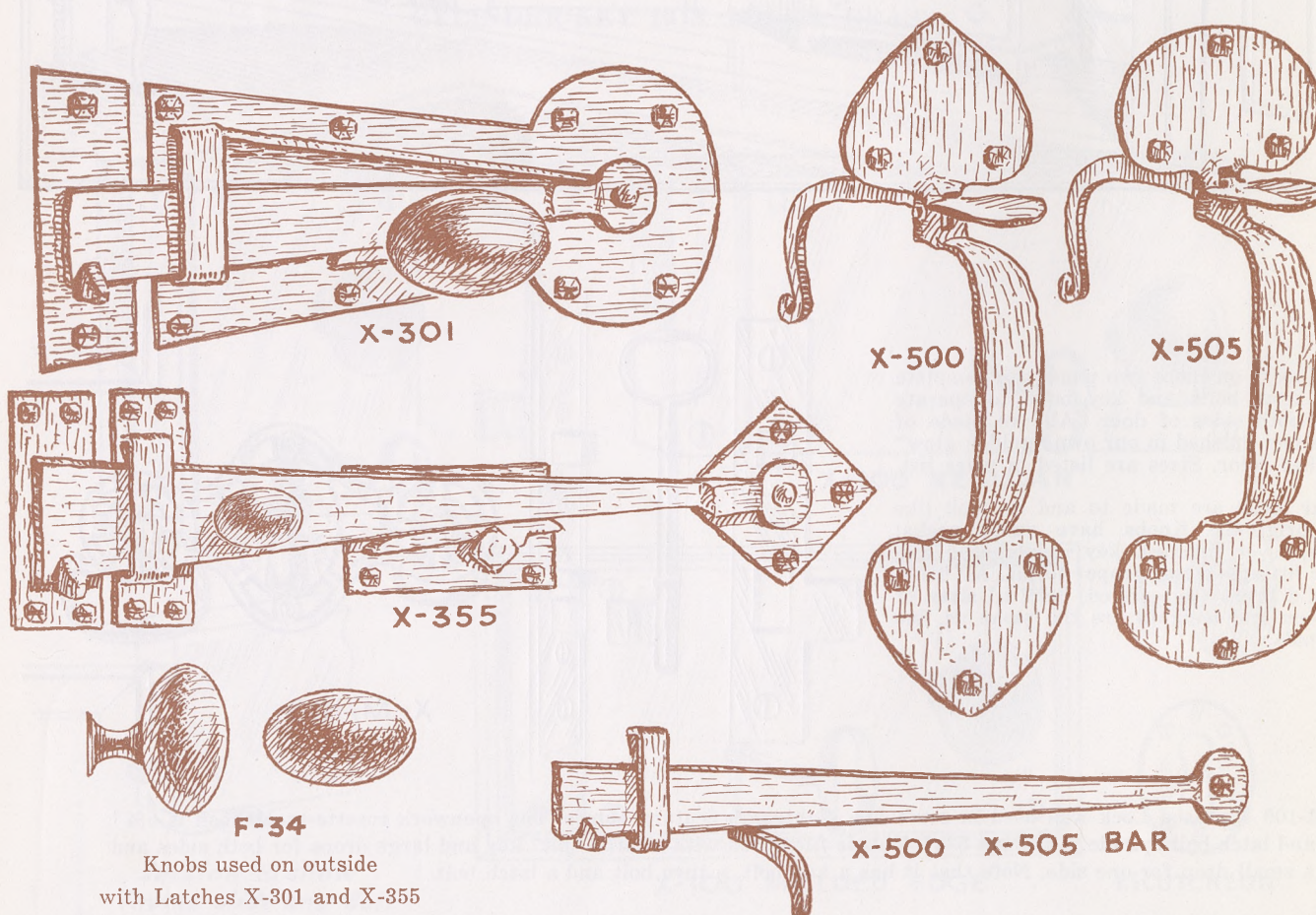
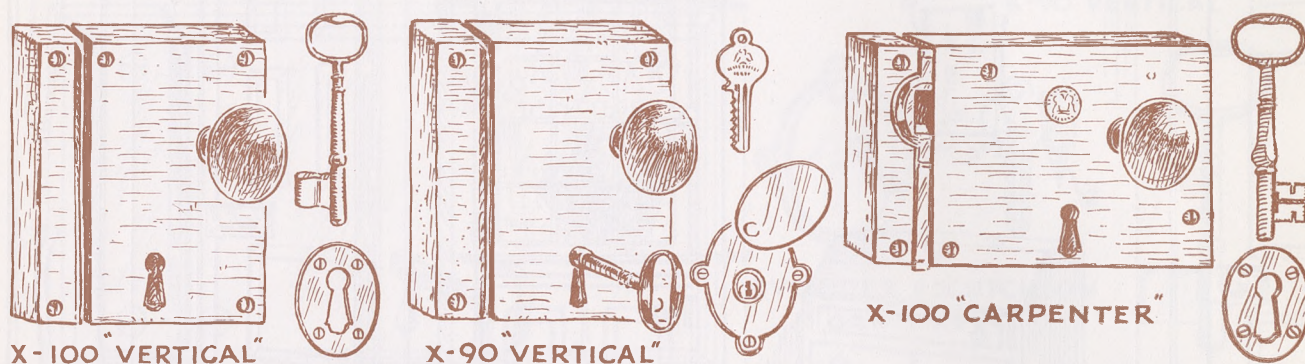
Our locks are made to and do look like fine originals. Knobs have small necks; drops, lever handles, key escutcheons and other fittings are of proper forms. All brass is solid brass (not plated) and all sizes of sections and weights are the same as fine originals.

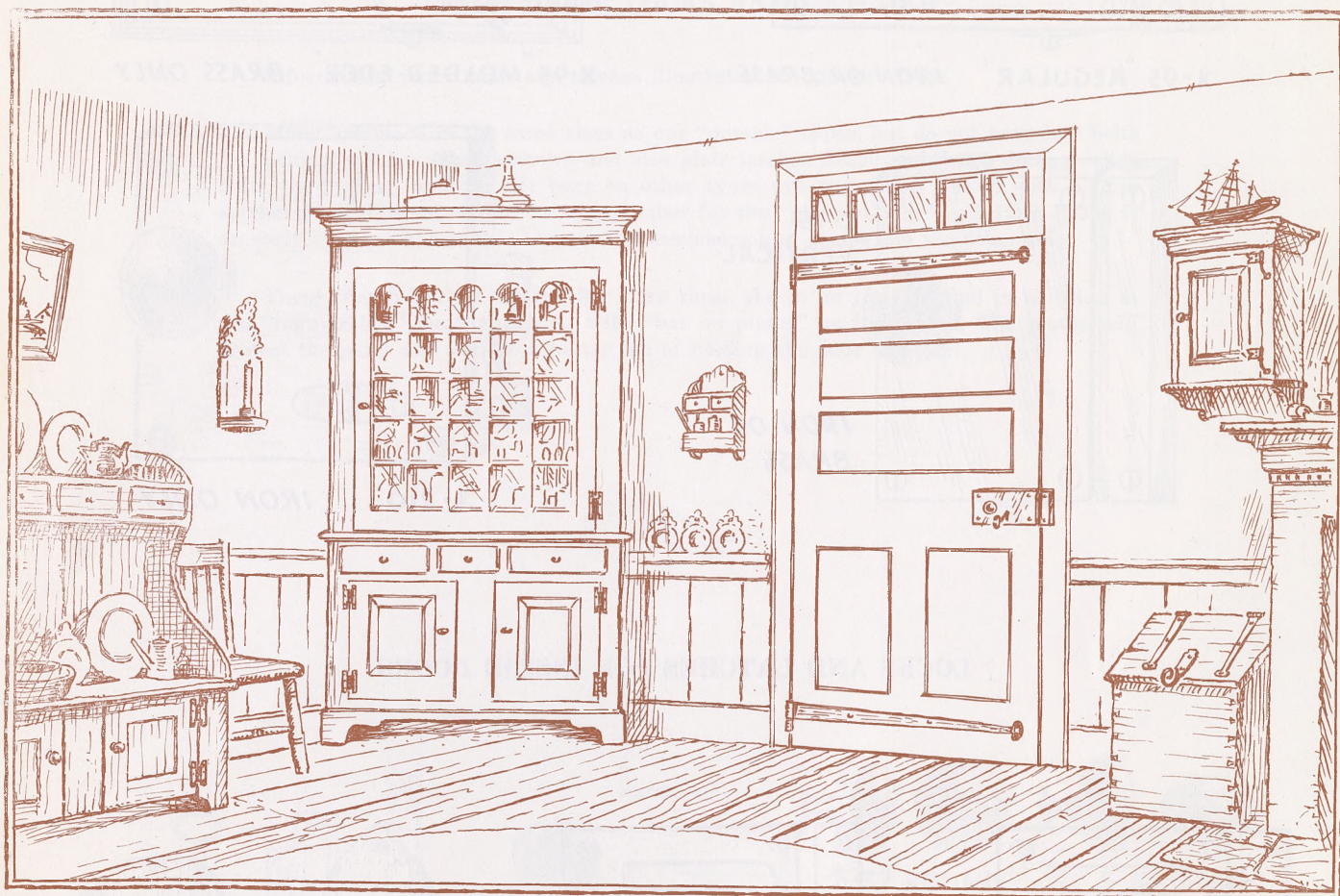


XM-100 Mortised Lock was used in some fine eighteenth century homes. The openwork rosette-escutcheon is $5\frac{1}{4}$ " long and latch bolt spindle is backset $5\frac{1}{8}$ ". This is furnished with a large "bit" key and large drops for both sides and also a small drop for one side. Note that it has a key bolt, a turn bolt and a latch bolt.



IRON LOCKS WITH VARIOUS KEY MECHANISMS





IRON BOX LOCKS — These X-90 and X-100 types are made in same sizes as the brass ones on page 22 with the exception of the X-100 "Carpenter" style. All sizes are listed in price list.

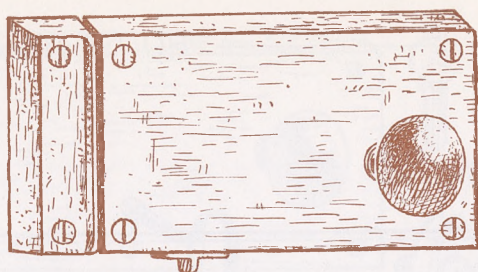
All knobs and rosettes and escutcheons are solid brass, as were the originals. This makes a very pleasing contrast with the black finish of the lock boxes and keepers.

PLATE LATCHES X-301 — Like all the other latches shown on the page are intended for outside doors and are, therefore, larger than similar items on following pages. See price list for sizes.

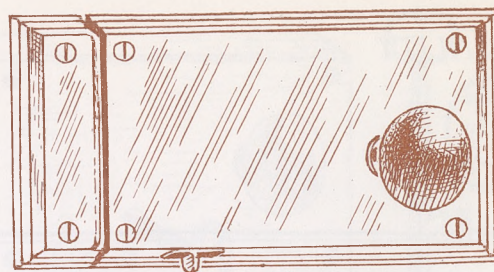
PLATE LATCHES X-301 or BAR LATCHES X-355 do not contain locking arrangements. Usually a key lock like X-710 is also mounted. See page 21, doors "C" and "E".

THUMB LATCHES X-500 and X-505 are also used with X-710 key locks.

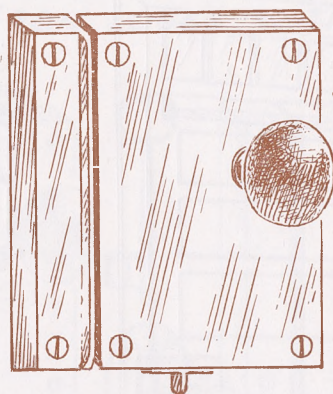
X-710 key lock is illustrated on page 31.



X-95 "REGULAR" IRON OR BRASS

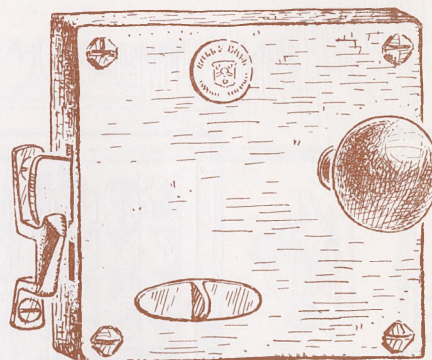


X-95 "MOLDED EDGE" BRASS ONLY



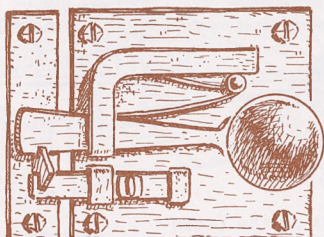
X-95
"VERTICAL"

IRON OR
BRASS

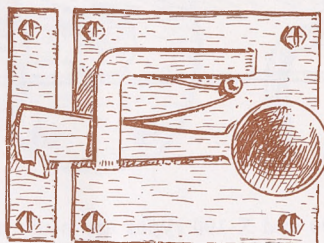


X-210 IRON ONLY

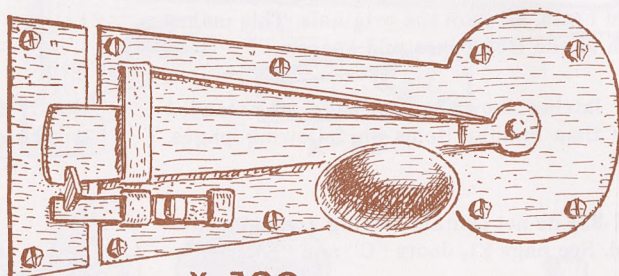
LOCKS AND LATCHES FOR INSIDE DOORS



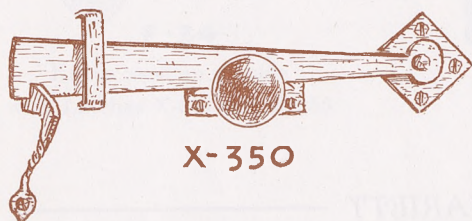
X-250



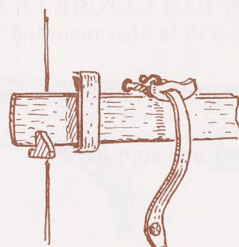
X-251



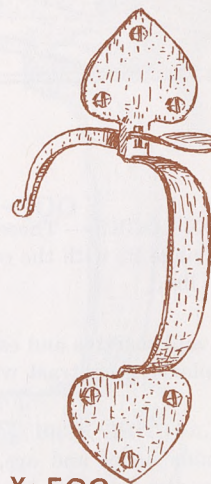
X-300



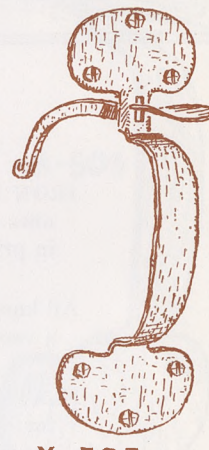
X-350



X-1289



X-500



X-505



REGULAR BAR



BAR ON PLATES

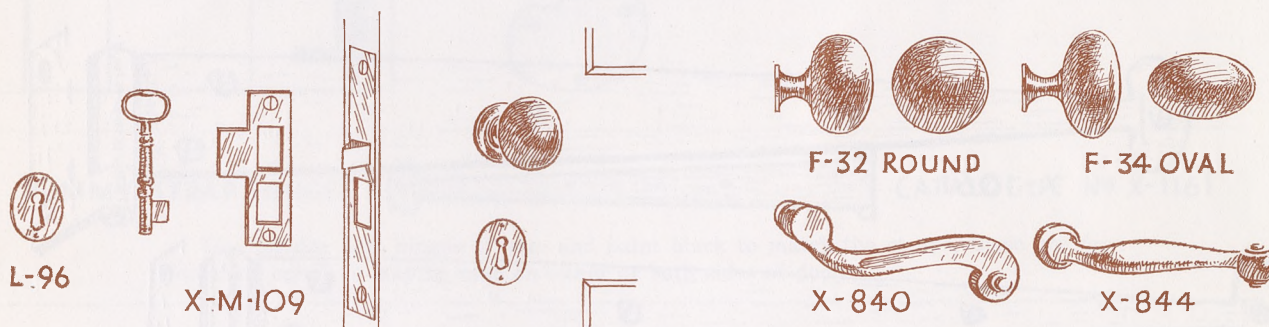


INSIDE DOOR LOCKS AND LATCHES

Information about locks and latches illustrated on opposite page.

Many are made in the same sizes as our "outside" types, but do not have key bolts for locking. All box latches shown and also plate latches X-250 and X-300 do have slide bolts for locking, and the lift bars on other types are sometimes locked with a "pin on thong" as illustrated. Our catalog number for the "pin on thong" is X-1289. X-350 is an early type latch, and this has another round knob to open from the other side.

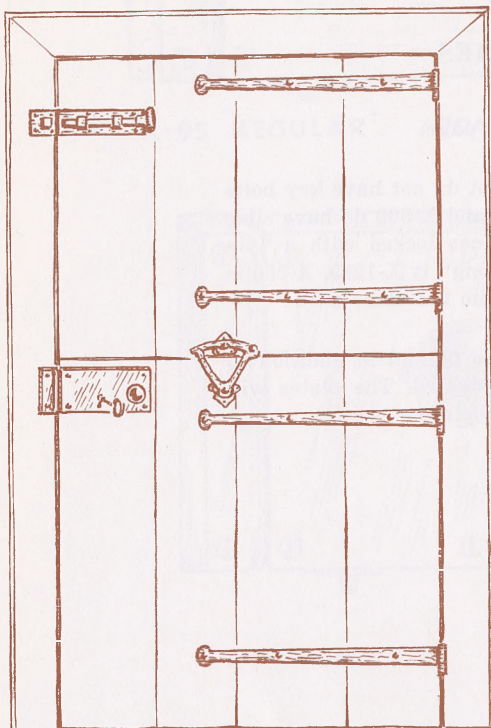
These thumb latches are smaller than those shown on page 24 and in addition to the "regular bar" may be bought with "bar on plates" as illustrated. The plates will protect the paint and also do a better job of holding the door in place.



MORTISED LOCKS XM-109

This is a regular quality lock that when set into the door and equipped with our fine quality knobs or handles and rosettes and brass keys and key escutcheons results in an inexpensive unit for many doors.

The "standard" backset of 2- $\frac{1}{2}$ " is used for most doors. A "special" backset of 1- $\frac{1}{2}$ " is furnished for screen or storm doors and French type doors with very narrow vertical style. Locks with either 2- $\frac{1}{2}$ " or 1- $\frac{1}{2}$ " backsets are satisfactory when equipped with knobs on both sides, but we recommend lever handles on the one side that passes the door jamb. This avoids pinched knuckles—lever handles may be used both sides. A complete listing will be found in price list.



X-660



X-685 QUADRANT



This is the same dutch door as illustrated on page 21. All hardware is iron except knobs and key escutcheons. All are stock items.

Hinge X-1061 is our extra heavy type and is made in three lengths — 18, 24 and 30 inches.

Hinge X-1071 is a medium weight made in three lengths — 12, 18 and 24 inches.

Hinge X-1081 is a very light pattern not generally used on full size doors. Use for built-in cupboards, wood boxes, etc. and made in sizes 6, 8, and 10 inches.

Pintle leaf "A" was used on dutch door above.

"B" and "C" pintles require a thick solid wood door frame. These pintles are only made to order.

See price list about regular "B" quality and "hand forged" "C" quality. Also see price list about mounting screws, nails, etc."



X-1061



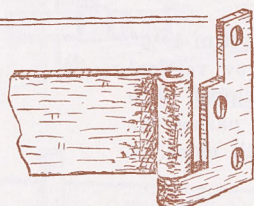
X-1071



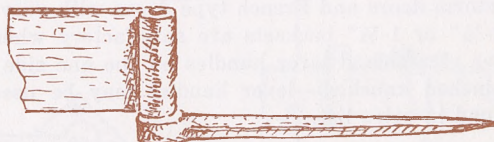
X-1081

ALL SHOWN WITH
JAMB LEAF

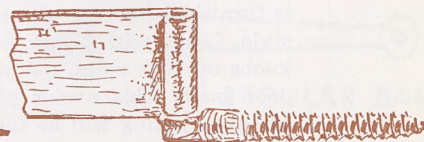
SPECIAL MOUNTINGS



PINTLE LEAF "A"



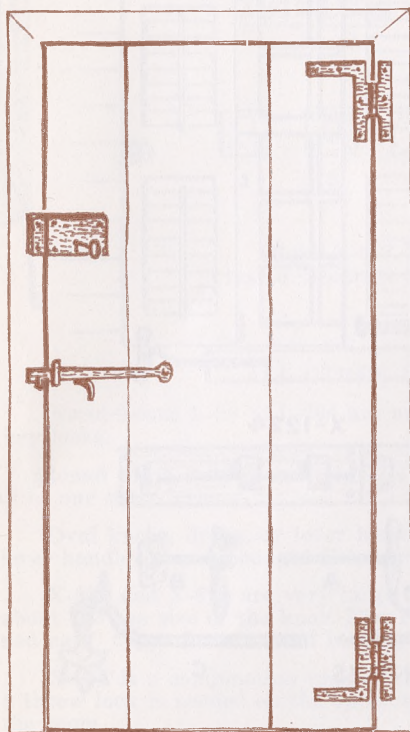
DRIVE PINTLE "B"



SCREW PINTLE "C"



SPECIAL BRASS HINGES TO QUOTATION, ALL KINDS AND SIZES



For prices or sizes of the special brass hinges shown above please give full description of your needs and state quantities. These are usually made to order. See price list for more details or possible present listing of stock ones.

Door illustrated is equipped with iron HL hinges #H-40. The lock is X-710 described on page 31 and thumb latch X-505.

Brass H and HL hinges were not usually used on full size house doors; however, our 7" and 8" sizes may be used on some light full size doors. Other sizes are 3", 3½", 4", 5" and 6". This range of sizes will cover the needs for any built-in or furniture doors.

See page 14 for many other types of hinges.

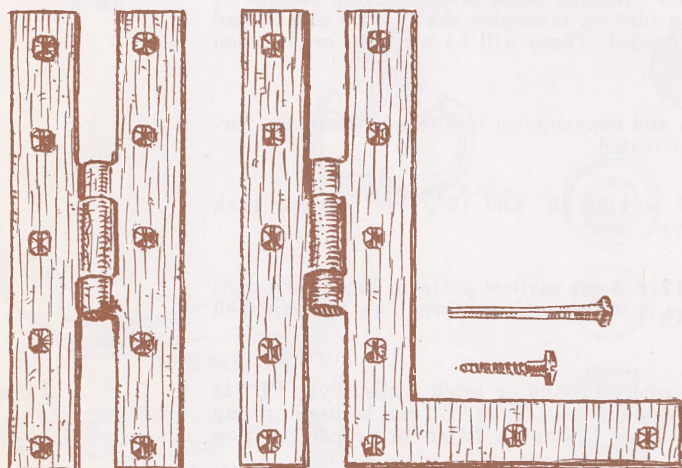
Iron H and HL hinges are made in 3, 4, 7, and 9" sizes in regular quality and in sizes 3" to 14" in hand forged quality. See price list page F for details.

DUMMY STRAP HINGES



CATALOGUE Nº X-1161

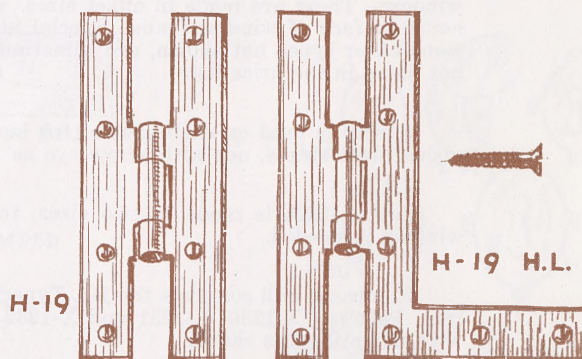
Use regular butt hinges 3" size and paint black to match the straps, these are for decoration only and may be used on either or both sides of door.



H-39

IRON HINGES

H-40



H-19

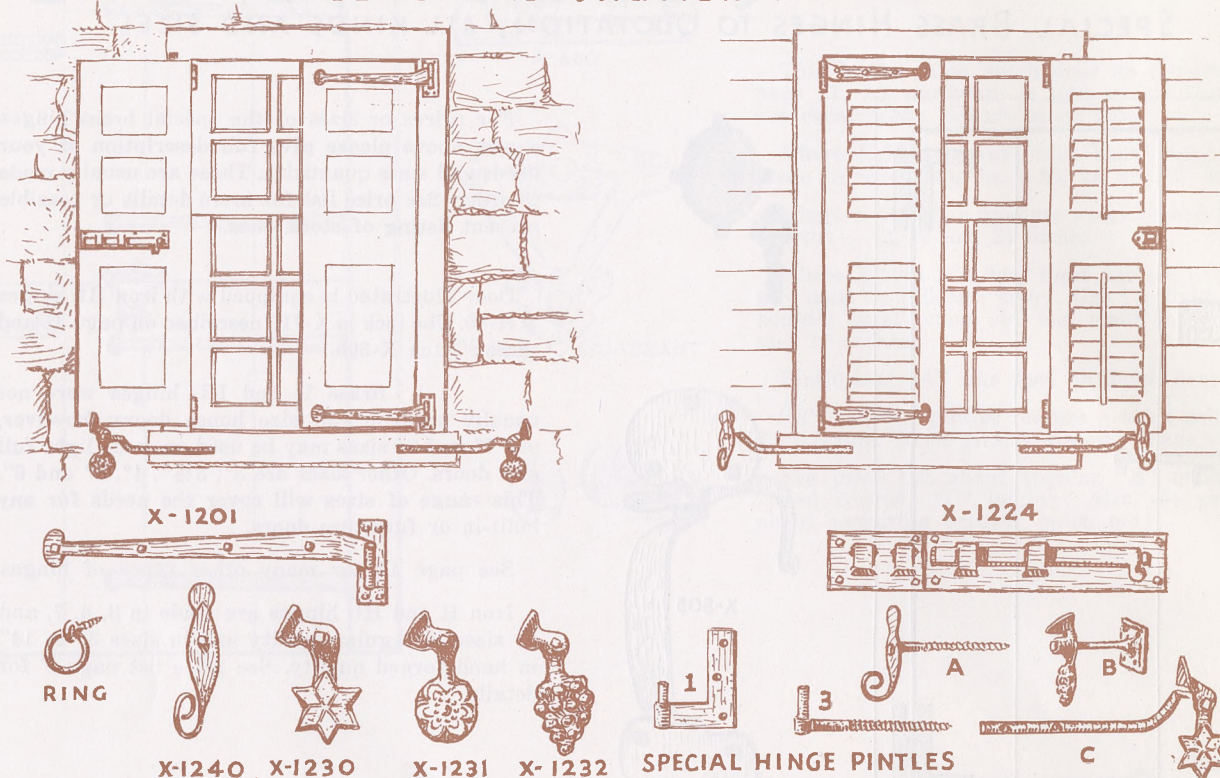
H-19 H.L.

BRASS HINGES

See price list page F for complete details.



BLIND AND SHUTTER HARDWARE



BLIND AND SHUTTER HARDWARE

Like the steps to your front door blinds and/or shutters are necessary. Without them your home is not complete. For each window you will need two pairs of hinges. Number X-1201 "pintles on plates" as illustrated with hinge are used for wood frame windows. These are made in offset sizes. When ordering state distance from outside of house to face of window frame. Special hinge pintles, examples shown as 1 and 3, and some other types not shown, are sometimes needed. These will be made to order when not listed in the price list.

A ring is used on each shutter for looks and convenience in closing, these are furnished with staple, not with screw-eye as illustrated.

Bolt X-1224 is made in two sizes, total lengths 10" and 12". One bolt for each window is needed.

Holdbacks will complete the job. Type X-1240 is our earliest pattern. This is wrought iron. Patterns X-1230, X-1231 and X-1232 are cast iron. All patterns can be furnished with mountings as shown.

Type "A" is a long lag screw—usually used on stone or brick walls. Type "B" is mounted with four wood screws and used on frame houses. Type "C" can be used on any house with wood window sills. All types, A, B, or C, can be fitted to proper position on the job.



X-657



X-660



X-665



1



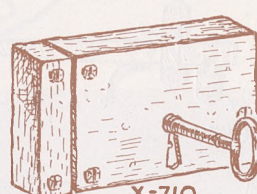
2



3



4



X-710



X-685 QUADRANT

X-710 Key Lock is 5" long x 3-1/4" high and may be bought in either iron or brass, the cylinder furnished with this lock is covered. See L-203 illustration below.

The quadrants are made "all brass" or "all iron".

Bolts X-657, X-660 and X-665 are all iron, furnished in various sizes and with keepers as illustrated. See page 32 for brass bolt.



ALL OTHER ITEMS ON THIS PAGE ARE OF SOLID BRASS ONLY.

Escutcheons L-96 to L-204 are made in various sizes. See price listing. L-203 is the type used on our cylinder key locks.

Round Knob F-32 is made in 1-1/2, 1-3/4 and 1-7/8 and 2" diameters. This knob is used with "stamped" rosette on all of our stock locks.

Oval knobs, drops, or lever handles may be specified on your lock orders or bought separately. Knobs, drops, or lever handles may be bought fitted with "single side mounts". It is not necessary with these to drill through the door.

X-871 and X-872 are very large rosettes. These were not generally used with early hardware. Most rosettes were about 2/3 the size of the knob. Flat cast types are not recommended except for restorations. The "stamped" or "turned cast" types form a good bearing for the base of the knobs. Turned cast rosettes are the better ones.

X-855 is a combination rosette and spindle lock. This is used on plate latches like catalog number X-251, where a throw lock is needed on the opposite side of the door, as in a powder room where the door swings out and not into the room.



F-32



F-34



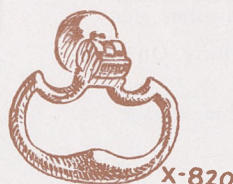
X-871



X-872



SIDE VIEW



X-820



X-855



STAMPED



FLAT CAST



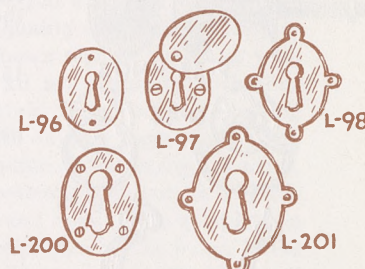
TURNED CAST

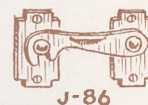
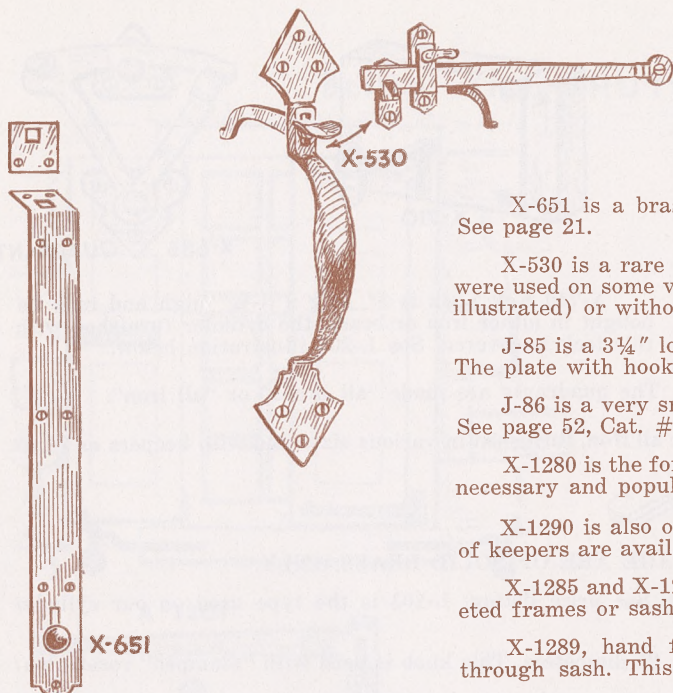


X-840



X-844





X-651 is a brass bolt made in four sizes for top or bottom mounting. See page 21.

X-530 is a rare type of thumb latch because it is made of brass. These were used on some very early homes. The latch bar may be ordered with (as illustrated) or without the turn-over lock.

J-85 is a 3 1/4" long brass hook used to hold any door in opened position. The plate with hook mounts on base board.

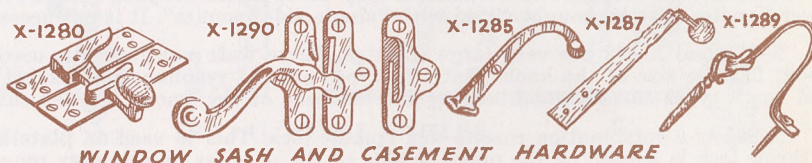
J-86 is a very small inside brass shutter latch only 1 1/2" long by 1" tall. See page 52, Cat. #J-87 for a larger one.

X-1280 is the forerunner of most of the modern types of sash locks and a necessary and popular item.

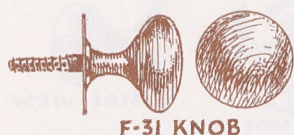
X-1290 is also of solid brass and used on casement windows. Two types of keepers are available for windows that swing "out" or "in".

X-1285 and X-1287 are used on very early lift-sash with slotted or ratcheted frames or sash. Give full details for quotation.

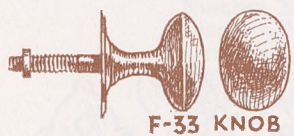
X-1289, hand forged pin-on-thong, used for window lock. Just drill through sash. This is also used to lock thumb latch bars. See page 26.



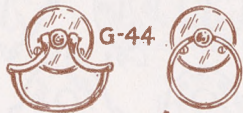
WINDOW SASH AND CASEMENT HARDWARE



F-31 KNOB



F-33 KNOB



G-44



G-45



G-60



G-61

CUPBOARD KNOBS AND LATCHES

Of the illustrations on left G-60 and G-61 are iron. All others are brass. Latches on the right are of iron, with brass knobs, except X-636 which is all iron.

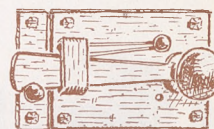
Cupboard latches, knobs, pulls should not be used on full size doors or walk-in closets because there is no fitting on the inside, therefore, no way to unlatch from other side.

Some of these fittings are also used on furniture. On page 15 many more types are illustrated.

This is the end of our house hardware section. Please see price listing for sizes and other details.

RESTORATIONS OF LOCKS

We do not sell separate parts other than those listed with a catalog number and priced. We will, however, be glad to quote price on complete restoration of any original locks, latches, etc. Send all parts of each including screws, escutcheons, rosettes, etc., broken or otherwise, for quotation on complete job.



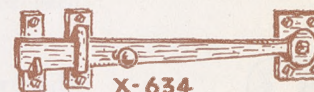
X-271



X-620



X-630



X-634



X-636

Fine Quality



Prompt Service

Reproductions
of
18th Century

LIGHTING FIXTURES

The suffix letters designate certain types. E-S means "electric with shade"; C-S means "candle burning with shade"; C means "candle burning without shade"; and E means "electric without shade". All shades are of the very finest crystal-clear, off-hand blown glass that rings like Stiegel and very well resembles it.

Cat. No. W-140-E-S-3



Cat. No. W-140-E-S-5

Four stock sizes of shades are available. See page 36. All of the W-140 styles of chandeliers are equipped with fine quality cast ceiling canopies with a large ring as shown and all are hung with the $3\frac{1}{4}$ " S link, and all are standard with four links, resulting in a height from bottom to ceiling of 30 inches. Note that on this page chandeliers are alike with the exception of the number of arms. All the brass is hand polished with our own "golden glow" brass polish, and each one is complete in itself and ready to hang except for the bulbs. Bulbs for all of our lighting fixtures are stocked in most stores. We stock some sizes. See listing on page 36.

Additional details about these chandeliers are on the following page.

"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



Prompt Service

Some details about these chandeliers are given on the preceding page and although it is impossible to describe the beautiful hand-made workmanship and the correctness of line, we will attempt to outline some of the points that make our lighting fixtures outstanding examples and desired above all others.

These chandeliers are wired from the box in the ceiling, threaded through the chain and conducted through a tube to each of the arms which are hollow. In order to retain the fine appearance of the original and yet have a practical electrical fixture the arms are cast in two halves. In other words, they are split and are hollow and after careful hand-fitting are silver-soldered together. Andiron columns were made this way by early

(Continued below)

Cat. No. W-140-E-3



Cat. No. W-140-C-5

American craftsmen. The wire is then run through the hollow arms and into the electric socket center so there is no evidence of any wire from the ring on the chandelier to the bulb.

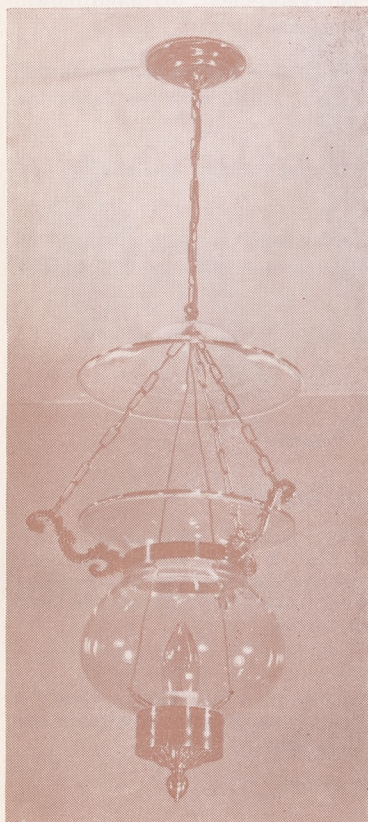
Of course, you know that everything of brass in this entire catalog is solid brass. We never resort to plating lesser quality metals. On these particular chandeliers we cast the metal especially thick at the body to keep it in balance—the total weight being about 40 lbs. on W-140-E-S-5.

It just is not possible to use thin brass stampings to produce lighting fixtures of this quality, and all of our heavy brass castings are completely hand-turned and hand-finished by craftsmen who know exactly how fine originals were made.

Fine Quality



Prompt Service



All lamps have globes and smoke bells of crystal-clear, off-hand blown glass of the very finest quality.

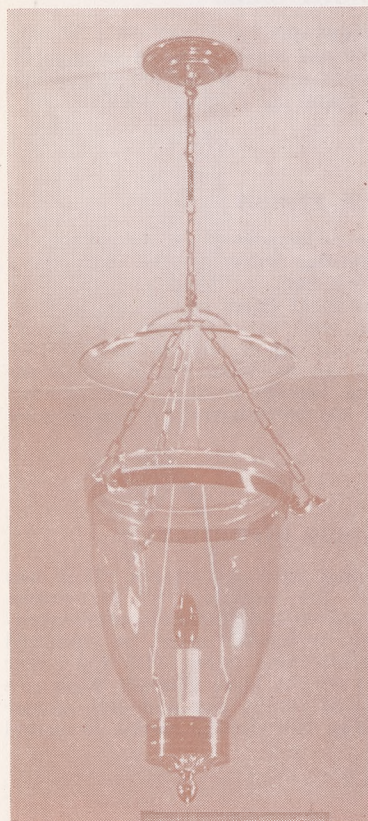
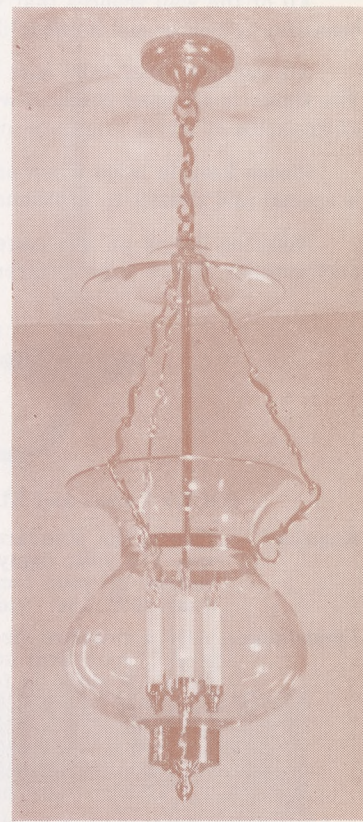
Note: The catalog numbers, W-150, are of the so-called pear shape; and W-151 are of the straight or hurricane shape.

All lamps are delivered complete except for bulbs. See bulb listing on page 36. Both styles are made in three sizes each, as noted in the price list. Although the photos show different lengths of chain from ceiling canopy to the top of the smoke bell the actual length, regardless of type, is 6". All designs of chain may be purchased separately and easily assembled on the job.

Any lamp on this page not ordered exactly as described in the price listing would be a special order and subject to additional charges.

W-150-A

W-150-L



W-151-A

W-151-L

W-150 style Listing

W-150-A	8½"	Diam.	as Illustrated	x 23"
	10"	"	"	x 25"
	12"	"	"	x 27"
W-150-L	8½"	"	"	x 23"
	10"	"	"	x 25"
	12"	"	"	x 27"

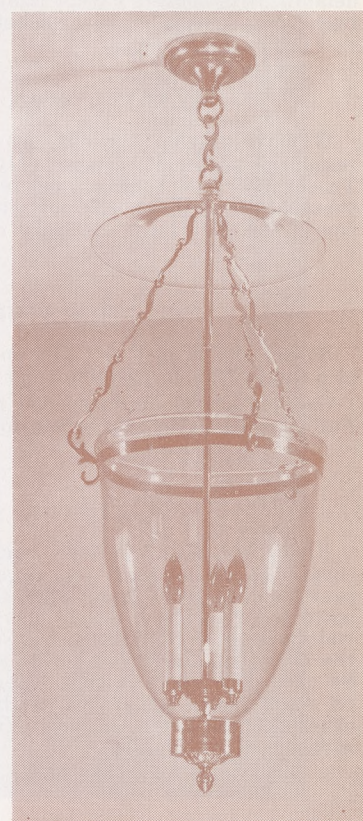
W-151 style Listing

W-151-A	8½"	Diam.	as Illustrated	x 25"
	10"	"	"	x 27"
	12"	"	"	x 30"
W-151-L	8½"	"	"	x 25"
	10"	"	"	x 27"
	12"	"	"	x 30"

All diameters are body or top flange sizes and all lengths are from top of smoke bell to bottom acorn.

Note that all "A" lamps have regular pattern ceiling canopy with small ring and split link chain and single socket.

"L" lamps have the extra fine quality fittings, cast canopy with large ring, special "S" link on top band and hand-made, cast chain and three light socket with center tube for wire.



SCONCES

All of the wall sconces that we make are the very finest quality in every respect. The glass is crystal-clear, off-hand blown, beautiful to look at and it rings like old Stiegel. Do not confuse this superb quality of glass with any other.

All material is of solid cast brass, hand-turned and hand-finished resulting in the texture so desirable and so seldom found. The finish is all hand-polished with our own Golden Glow Brass Polish and each sconce is complete in itself with the exception of the bulbs of which there are numerous types.

Please keep in mind when ordering that any sconce other than pictured or described with a catalog number in the price list is special and subject to additional charges if it can be produced at all.

Note the listing on this page of shade sizes and also note that while we do not list size of shades used on every fixture you may specify. There is no difference in the charge. If you do not specify we will furnish the size that seems to be most desirable.

GENERAL INFORMATION

Also see page J of price list

SOCKET sizes and BULBS available

Regular: This is the standard size base for household use, 110 volt, many kinds or shapes can be bought in your local stores. We stock one clear 40W, 1½" wide x 3" tall, price, 65¢ ea.

Candelabra: Also a standard size base, diameter of which is ⅞", your local stores can supply or order from our stock as follows, all clear glass:

C-1 Bulb ½" x 2¼" tall 8 watt

C-2 Bulb ¾" x 2¼" tall 10 watt

C-3 Bulb 1¼" x 3¼" tall 25 watt

C-4 Bulb 1¼" x 3¼" tall 40 watt

All above are priced at 65¢ each

All lighting fixtures in this catalog are fitted with "Candelabra" size sockets except lamps W-150-A and W-151-A; these have "Regular" size sockets.

ELECTRIC WAX CANDLES

We have developed in our own shop real wax candles for regular household voltage (110 volt) for plug-in use. These real wax candles are recommended only for use where reflected heat will not melt the wax, use low watt candelabra size bulbs in every case.

MINIATURES

Socket size is just ⅜". The entire bulb is about the size of a candle flame. A transformer or battery is used—6 volt.

Candles are made as needed for these miniature bulbs. Full details needed for quotation.

INSTALLATION DETAILS

Electrified sconces have backplates large enough to cover the outlet box for regular installation. Special provision has to be made when any other pattern of backplate is to be used. Sometimes it is possible, where the walls are to be replastered, papered or painted, to provide the outlet with a hidden cover so that a small base could be used. The same is true where sconces are to be used on wood panelling. If you wish to have electric sconces other than as listed, suggestions can be made if you will give us all the details.

SHADE SIZES

We can usually furnish four sizes of shades: 13" x 7", 10" x 6½", 8½" x 5" and 6½" x 4½". (These heights do not include the bases that are fitted into the brass cups.) The 10" x 6½" size is the most used. These are all off-hand blown and vary in sizes and forms.

When used in their natural crystal clear state, they are most desirable, and with the various bulbs available can usually be fitted to furnish light as needed.

STAND-OUT SIZES

Sizes, patterns W-160 stand out from wall 14"; W-161, 8"; W-162 is made with two arm lengths known as regular and short. The stand-out sizes are 12½" or 8"; prices are the same. Patterns W-163 stand out from wall 8½".

STOCK FINISH

These sconces are never lacquered or furnished in antique finish except to special order. In the early days such lighting fixtures were kept polished and for that reason, wherever it is practical these are made so they can be removed from the wall for cleaning. As an example, sconces for candle burning of the patterns W-160, W-161, W-167 and W-169 can be lifted out of the backplate socket. On all of the "candle burning, with shade" sconces, the candle socket can be removed for cleaning by unscrewing the acorn.

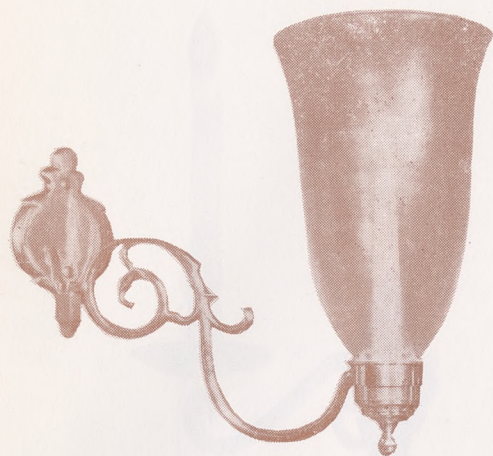
CATALOG NUMBER INFORMATION

All sconces that are listed with the letters "E-S" are electric with shades, "E" for electric, "S" for shade. These are regularly equipped with card-candle candelabra-size sockets but they can, to special order, be equipped with regular size sockets. Sconces listed with the letter "E" only are electric but do not have shades; these are made with the same type of candle cup and drip saucer as those for candle burning; the electric candle is seated in the cup.

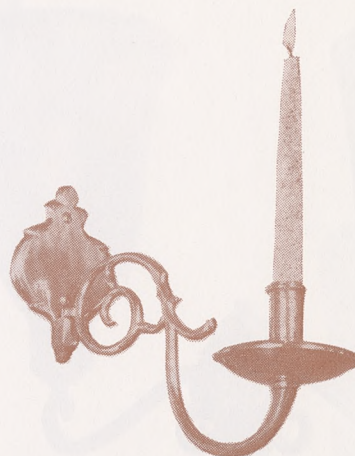
Fine Quality



Prompt Service



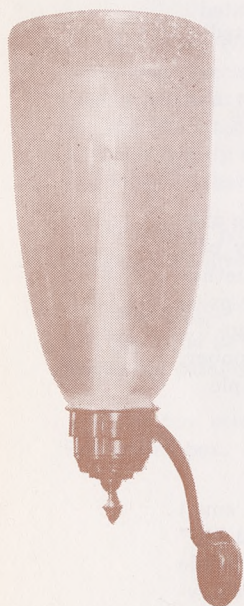
W-160-C-S



W-160-C

PLEASE SEE NEXT PAGE FOR LISTING

WEST SHOWROOM
with W-160-C-S Sconces
on Over-Mantel Paneling



W-161-C-S



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

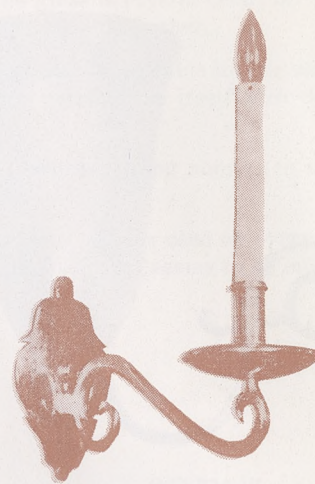
Fine Quality



Prompt Service



W-162-E-S Double



W-162-E

Sconces, Style W-162

This is a very popular design and it is usually used in rooms where chandelier W-140 is also to be used because the arms and general style are alike.

The regular sconce arm will give standout size of about 12½" when used with the standard 10" shade. A special short pattern of arm may be ordered at no additional charge. The standout size with this arm is 8½".

Unless you specify length of arms on each order we will send the standard, which is the long arm.

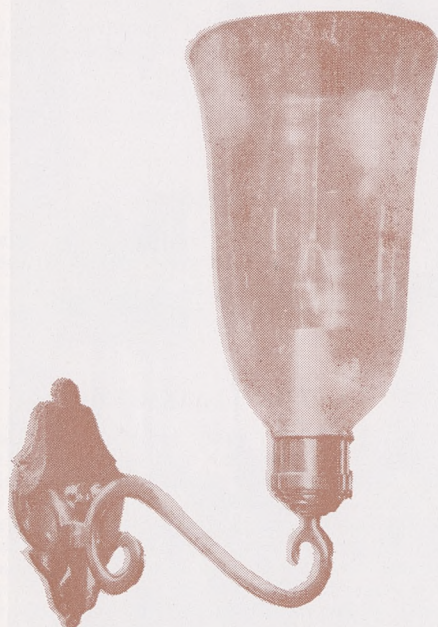
Here is the complete listing:

Electrified with shades

W-162-E-S Single, illustrated
W-162-E-S Double, illustrated
W-162-E-S Triple, not illustrated

Electrified without shades

W-162-E Single, illustrated
W-162-E Double, not illustrated
W-162-E Triple, not illustrated



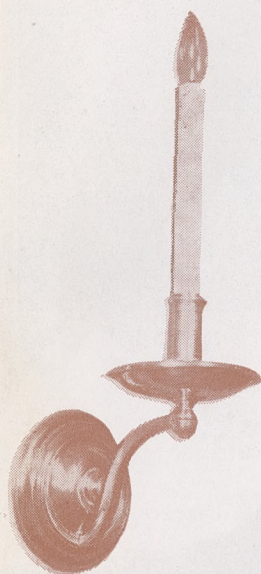
W-162-E-S

Sconces shown on previous page 37

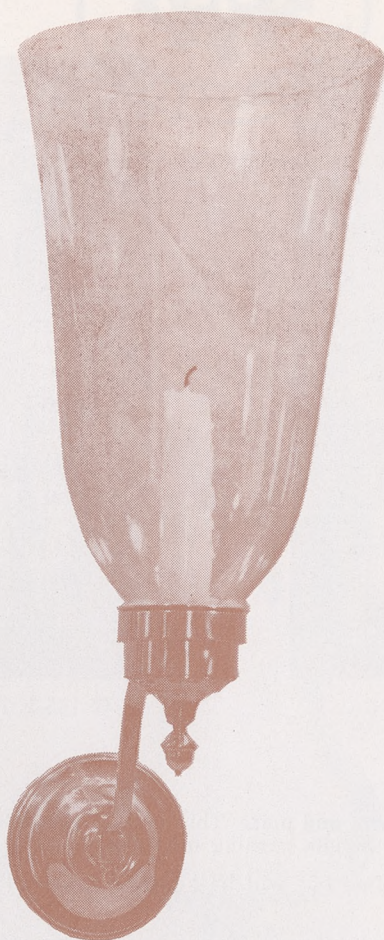
Style W-160 is offered for candle burning only. The arm swivels and may be lifted out of the socket for easy polishing. The shade on this and all other sconces, whether candle or electric, may be removed for cleaning. In the price list you will find—Catalog number, illustrated on page 37, W-160-C-S. Single, double or triple and catalog number, illustrated on page 37, W-160-C single, double or triple.

Sconce W-161-C-S — Illustrated on page 37

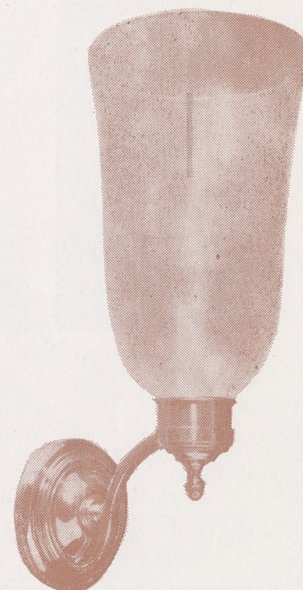
This candle burning pattern is excellent for a small room because it lies close to the wall. We recommend 8½" shade but you may select any size at no extra charge. Shade lifts out of the arm and the non-swiveling arm is removable.



W-163-E



W-163-C-S



W-163-E-S

All of the W-163 style sconces are popular, but the most beautiful is W-163-C-S. This particular number is something very special because it has a flat mounting plate back of the base that permanently mounts on the wall. It is merely necessary to release a hidden catch and give it a slight twist to remove the entire sconce. The glass in which the cup is seated is also a separate piece, and the arm, where it meets the plate, is in a socket and can be lifted out. You can readily see that this can be easily polished and washed and replaced on the wall with the least possible effort and with no chance of ever marking the wall.

The back plate diameter is $3\frac{1}{4}$ ". 10" shade is supplied unless otherwise requested. Standout is $8\frac{1}{2}$ ". Catalog number on above is W-163-C-S Single, illustrated.

The candle burning without shade W-163-C has all fine points as described above. The candle cup and bobèche are the same as used on W-160-C, page 37. A slightly different arm is used for the most pleasing design. This is known as catalog number W-163-C, not illustrated.

The two other sconces illustrated on this page are electrified and have $4\frac{1}{4}$ " base needed to cover standard electric outlet box.

Complete Listing

W-163-C-S as illustrated

W-163-E as illustrated

W-163-E-S as illustrated

W-163-E double — not illustrated

W-163-E-S double — not illustrated

W-163-E triple — not illustrated

W-163-E-S triple — not illustrated



W-165-A-C-S



W-165-G-C-S



W-165-K-E-S



W-165-N-E-S

W-165-A-C-S has a separate smoke bell arm and plate. This will be supplied for any other stock sconce. Please see price list. This and W-165-G-C-S are candle burning only.

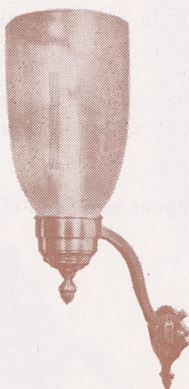
W-165-K-E-S and W-165-N-E-S are electrified but will be supplied for candle burning at no extra charges. Complete listing of sizes in price list.

W-166-C-S is same as W-160-C-S described on page 38 but has a designed backplate. Supplied with 8½" shade.

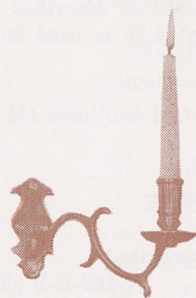
W-167-C—Made for candle burning only with single, double or triple arms.

W-168-C-S—A very fine pattern supplied with 10" shade and also looks well with a 13" shade. Shade lifts out of its ring but arm is fastened to backplate. A special backing plate is supplied at extra charge so entire sconce may be removed easily from wall. This is very convenient for polishing or cleaning.

The last sconce in the list is a very beautiful small looking-glass pattern—W-169-C. Special care is used when making this so that every detail is just right. Total standout is 5", backplate size 3 x 2".



W-166-C-S



W-167-C



W-168-C-S



W-169-C

Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



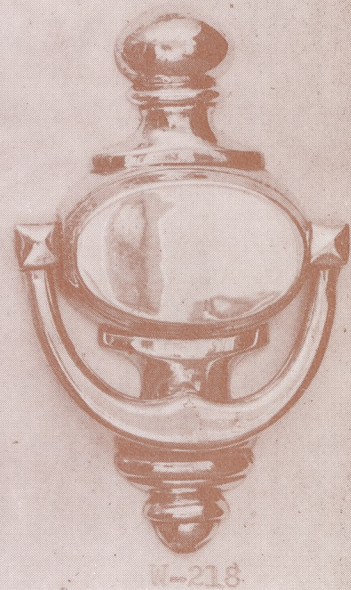
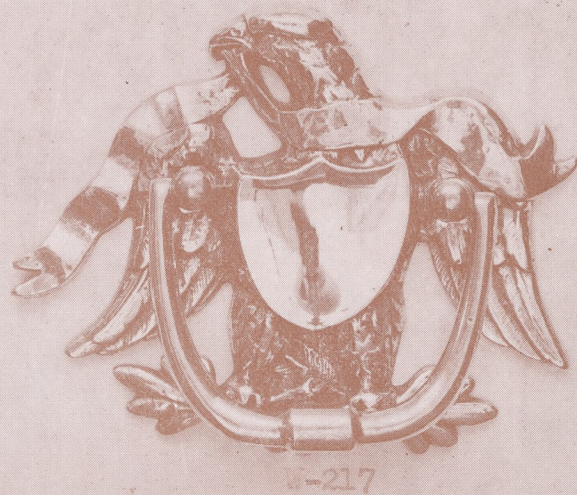
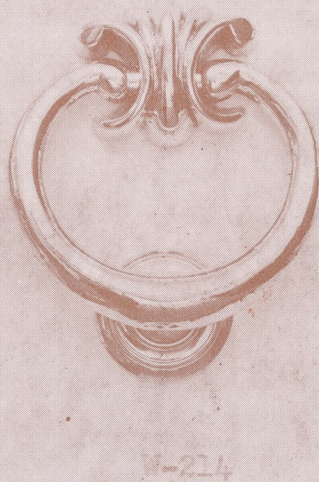
Prompt Service



Fine Quality



Prompt Service

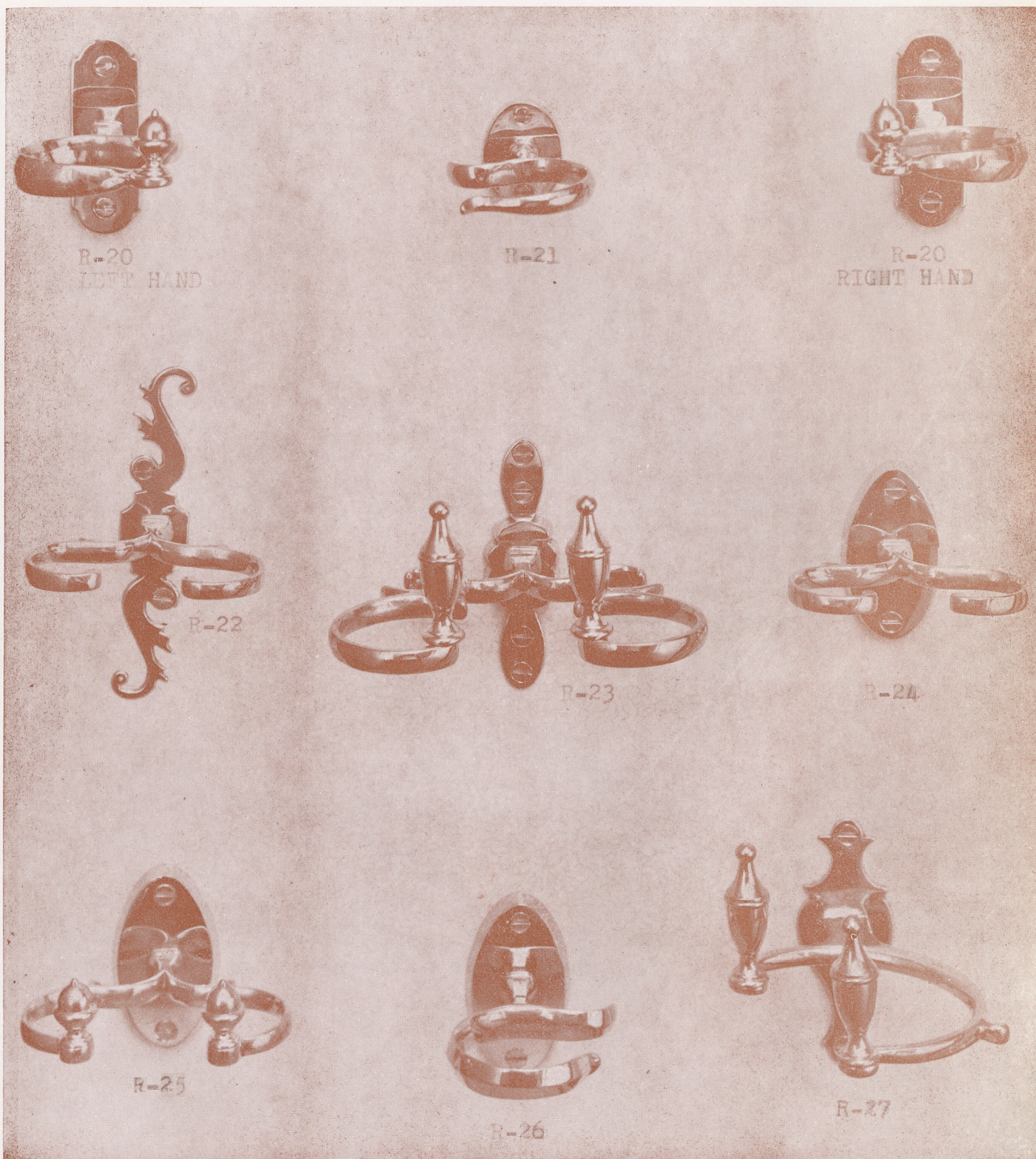


"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"

Fine Quality



Prompt Service



FIREPLACE JAMB HOOKS

Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"



HOOKS FOR MANY PURPOSES; SOME OF POLISHED BRASS, SOME OF HAND FORGED IRON

The plate with the three hooks on it, catalog #R-101 is generally used for hanging keys as illustrated. The keys do not come with the hook. Other uses are for pot holders and various other household uses.

R-109 is an especially important looking unit with three hooks large enough for hanging brooms and utensils at the fire place. It makes an ideal note pad holder because the pencil can be placed across the two outer hooks.

R-130 and R-131 are small fire place jamb hooks used originally for holding pipe tongs at fire places, but presently used for that purpose and many others around the house.

R-72 is our plainest simple picture hook. This is made of $\frac{1}{8}$ " brass and is very strong. It is much used in galleries for hanging heavy pictures, and is used around the house for any purpose where a strong wall hook without additional decoration is desired. It will be furnished with wood screws of a size for your purpose if you will outline your needs. Otherwise, it is supplied with 1" long #8 round head brass wood screws.

R-71, left and right hand identical hooks used for hanging a pair of identical frames or a pair of ornaments or multiples of pairs. R-69 and R-70 have been very popular hooks for many years, but have never been illustrated in one of our catalogs previously. R-110 is also a very popular, although a never before illustrated hook.

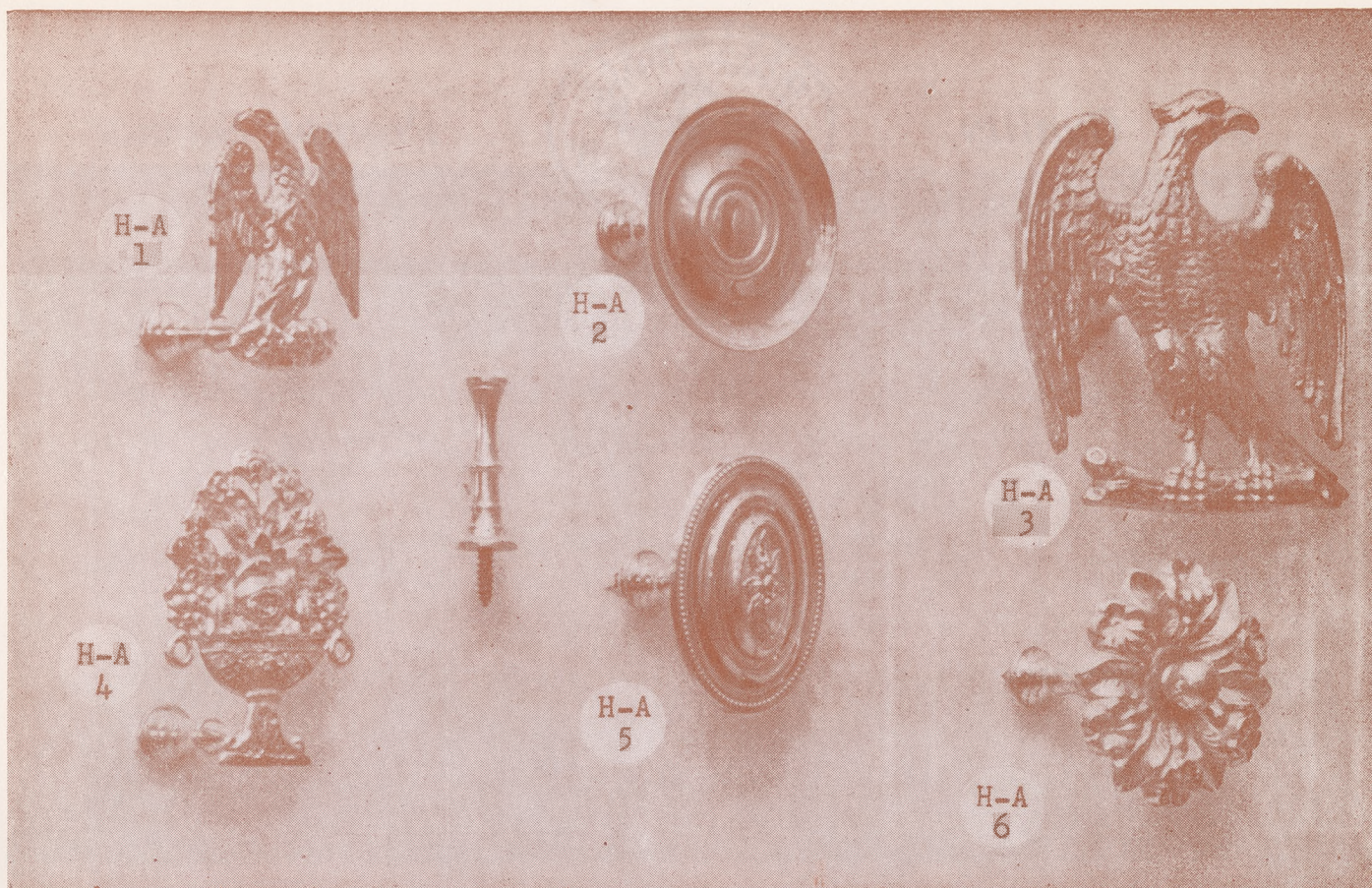
Brass coat hooks, R-200, R-201, and R-203 are the types used in halls or in wardrobes. The R-200 being one for heavy duty service. The others, more beautiful in design are also very practical.

The following items are made of hand-wrought iron. The hook R-500 is a general purpose hook sometimes used for coat hooks, but more generally for miscellaneous purposes.

R-501 is a special purpose hook made to hold curtain rods up to $\frac{3}{4}$ " in diameter, but it has also been used quite a bit around kitchen fireplaces for pot hook and miscellaneous small utensils.

The dipper hooks, R-600 are very popular. These have brass knobs for hanging pot holders or dippers, forks, etc., that have a ring in the handle, and they also will hold a whole row of such items of the types that have hooks on the ends of the handles. In addition to the two illustrated, there is another stock size 15" long with four brass buttons.

Complete dimensions of all above will be found in the price list, page I.



SERIES H-A Curtain Tiebacks. All have single screw mounting stems and all can be easily removed from window jamb. Standout size, that is the length of the stems as illustrated, will be found in price list. These are furnished in "Golden Glow" polished, lacquered finish, but can be supplied in our regular antique finish to special order.

H-A SERIES represents household accessories.

FINIALS FOR TABLELAMPS. These all have swivel bases so that ornaments can be turned in the direction desired. All threads in bases will fit regular standard table light shade holders. All furnished in "Golden Glow" polished, lacquered finish. Other finish to special order only.



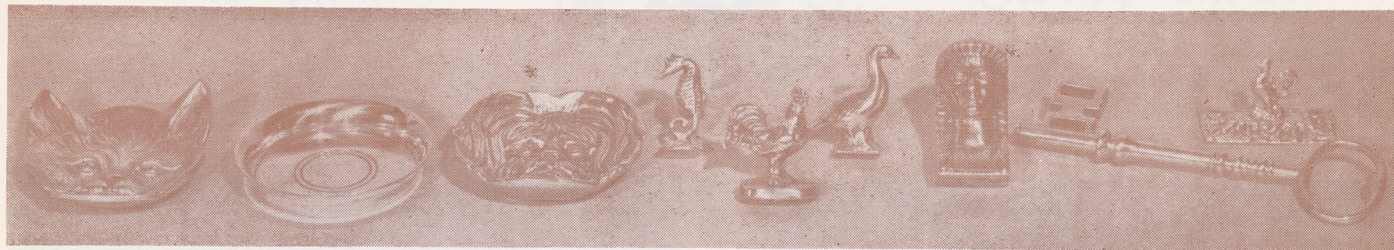
Fine Quality



Prompt Service



WALL PLAQUES AND ORNAMENTS. All solid brass, finished in "Golden Glow" polished finish. Please see price list for particulars and suggestions as to ways and means of mounting.



H-A-106

H-A-107

H-A-108

H-A-109

H-A-110

H-A-112

H-A-113

H-A-114

H-A-111

KEY

ASH TRAYS, PAPER WEIGHTS, ORNAMENTS.
ALL IN "GOLDEN GLOW" POLISHED FINISH.



H-A-126

H-A-127

H-A-128

H-A-129

H-A-130

TRIVETS AND MINIATURE BUCKETS.
ALL ITEMS ON THIS PAGE ARE OF FINE QUALITY SOLID
POLISHED BRASS.



BOOK ENDS: H-A-131 eagle, H-A-132 plain, H-A-133 greyhound. Tobacco box, operates with coin, a fine copy of an original, H-A-134. Letter openers, H-A-135 Prince of Wales, H-A-136 small eagle. H-A-137 Chester crown. H-A-138 large eagle.

Fine Quality



Prompt Service



BRASS

PINS

Fifty-one intriguing designs selected from our hoard of old decorative motifs made into "Conversation Piece" pins of solid golden glow brass, lacquered for enduring finish. Wear them singly or in amusing combinations, start a collection. Because they are quality reproductions, they can be worn with pride—and pleasure, too. Boxed individually with seal.

See page "H" of price list for prices and tax (No tax if sent out of state).

CLUBS AND SERVICE ORGANIZATIONS

Special terms and prices for fund-raising projects.



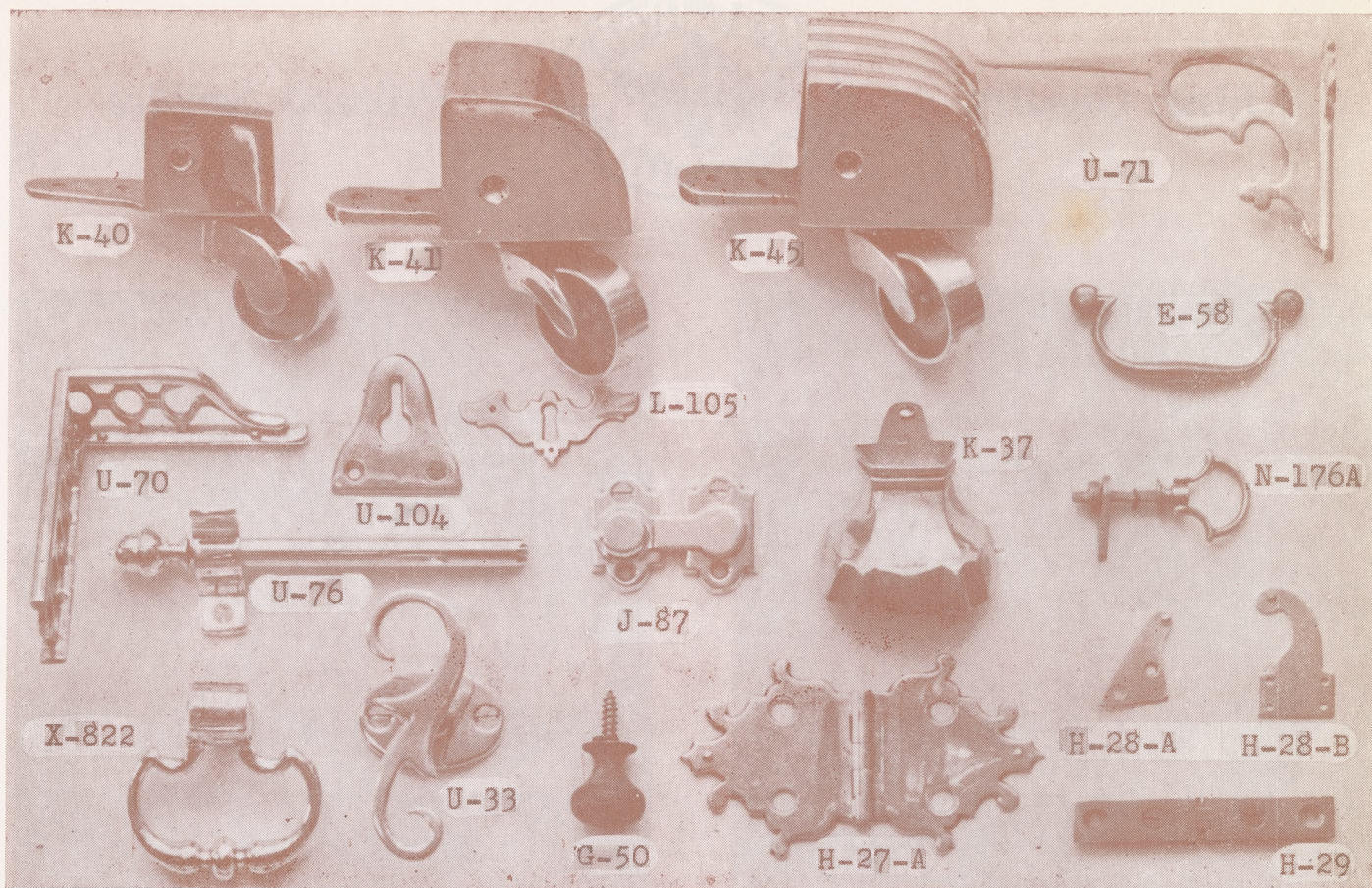
Fine Quality



Prompt Service



"THE BRASSES FOR THOSE WHO KNOW THE ORIGINALS"



W-250



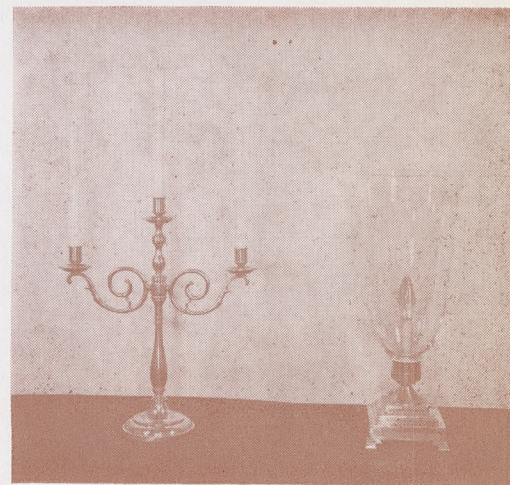
W-300



W-330



W-421



W-260

W-270

TABLE LAMPS, TIN SCONCES, PORCH LAMP.



T-J Chest Lock



X-2260



E-61



BELL PULL ENDS
TO MOUNT ON NEEDLEPOINT



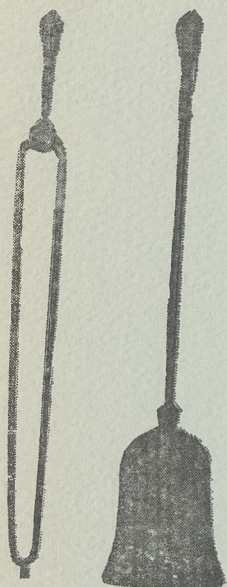
H-A-101



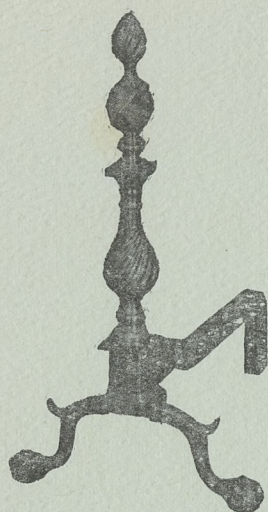
M-46 M-47



M-48



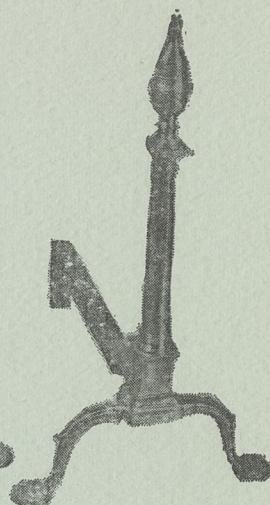
H-A-251



H-A-261



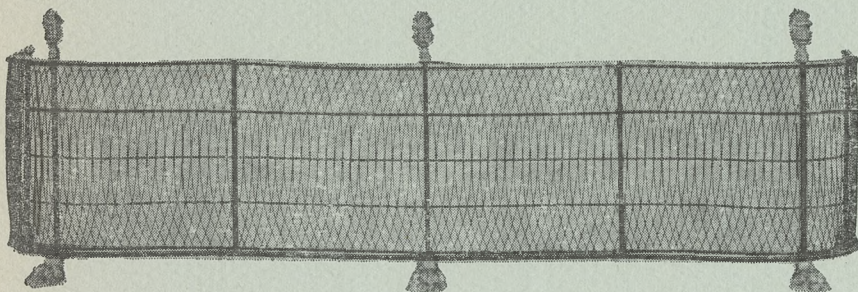
H-A-262



H-A-301

The tongs and shovel were not usually used with a poker. The tool stone, H-A-301, is a very attractive accessory for the fire place. Andirons, H-A-261, are copies of the well known Paul Revere pattern, columns and finials are cast in halves and silver soldered together, as were the originals. Both pairs of andirons are of the finest quality in all respects.

The fender is the type most desired for early American settings, originals are becoming quite difficult to find today. The bell, H-A-321, will add a touch to many locations. The bell, itself, is "Golden Glow" polished brass, the bracket is painted black and may be purchased separately, many are used for hanging original lanterns.



H-A-231



H-A-321

All of the door stops are in solid, cast, "Golden Glow" polished brass, and variations of designs makes a selection possible for most locations.



H-A-361



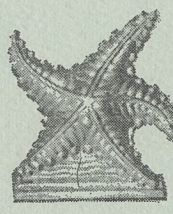
H-A-362



H-A-363



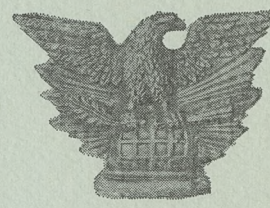
H-A-364



H-A-365



H-A-366



H-A-367

BALL and BALL,

WHITFORD - EXTON, PA.

MAKERS OF FINE QUALITY HARDWARE