

Featuring Projects Of Leather And Wood

- 11 projects
- Full size patterns
- Complete instructions
- All new designs

LEATHER AND WOOD

VOLUME II

by Jerry Jennings and John Drake



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Photos on Front and Back Covers illustrate all
projects completed

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Craftool Company, Fort Worth, Texas

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FOREWARD

This book is presented for those who enjoy working with both wood and leather. The projects offered are designed to be both useful and decorative. Few tools or skills are required to make them, and most can be made from available pieces of plywood or other materials that may be found in any home workshop. If you will follow the instructions given with each project, no difficulty should be encountered in making or assembling the items.

Most of the wood parts can be cut out with a regular hand saw . . . and plywood pieces with curved areas can be cut out with a coping saw, or small jigsaw. Standard procedures are used for carving and stamping the leather pieces. Those unfamiliar with leathercrafting should purchase one or more of the many leathercraft instruction books available.

Due to limited space, and to avoid constant repetition, we have presented instructions below for finishing wood and also for preparing the leather pieces. Have these procedures established in mind before making your projects.

WOOD:

The wood parts should be glued and nailed with small finishing nails, escutcheon pins, or wire brads. Use white glue (available under different trade names) or a similar strong-bonding cement that will adhere wood and leather. All joints should be coated before joining (follow manufacturer's suggestions), then nailed for added security. After all wood parts are assembled, they should be thoroughly sanded, then varnished or shellacked. When dry, the project should be sanded again, and a second coat of wood finish applied. Allow to dry before affixing the leather. The wood should be roughened with knife blade or sandpaper in areas where leather will be glued to it.

LEATHER:

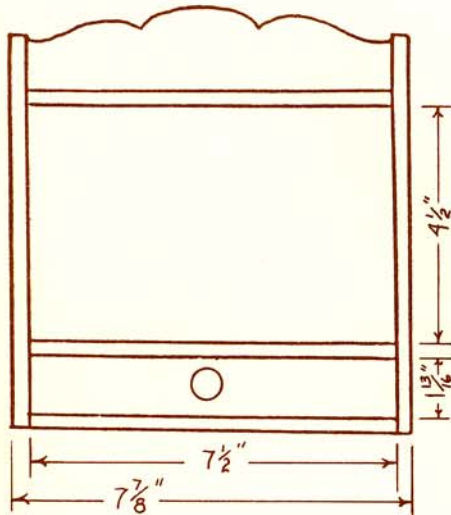
In most instances, the leather should be cemented to cardboard with rubber cement to prevent stretch during carving and stamping operations. After the cardboard is removed, roughen the flesh side of the leather with knife blade or sandpaper so it will adhere better to the wood when glued. All exposed edges should be edge-beveled and burnished. Dye the leather, if desired, for contrast with the grain of the wood. Apply leather finish before gluing to wood. Be sure to get ample cement at edges of leather and wood to insure proper bonding.

It is hoped this book will stimulate your imagination . . . and further your own interests in creating many of the unlimited possibilities of LEATHER & WOOD.

Craftool Company

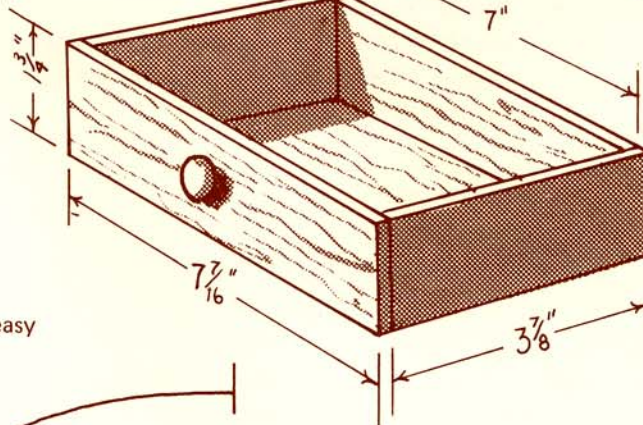
PIPE RACK

Here is a handsome accessory for the man of the family. This carved leather and wood pipe rack will make a great addition to the decor of your den or library and also provide a handy storage place for dad's favorite pipes and tobacco.



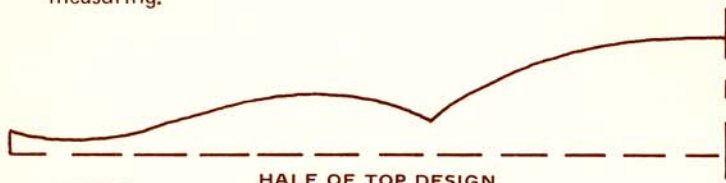
1.

Cut all parts for pipe rack using 1/4" plywood. Cut as indicated and use the patterns provided. Sections A and B are both 3 1/4" x 7 1/2".



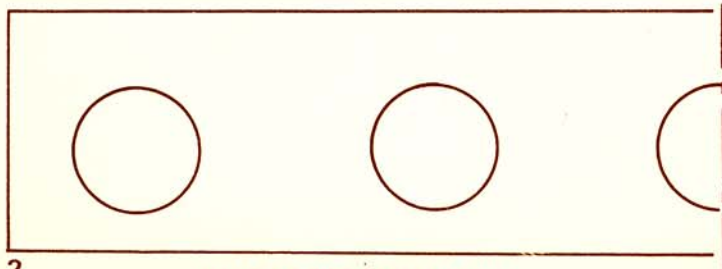
2.

Patterns below are provided for easy measuring.



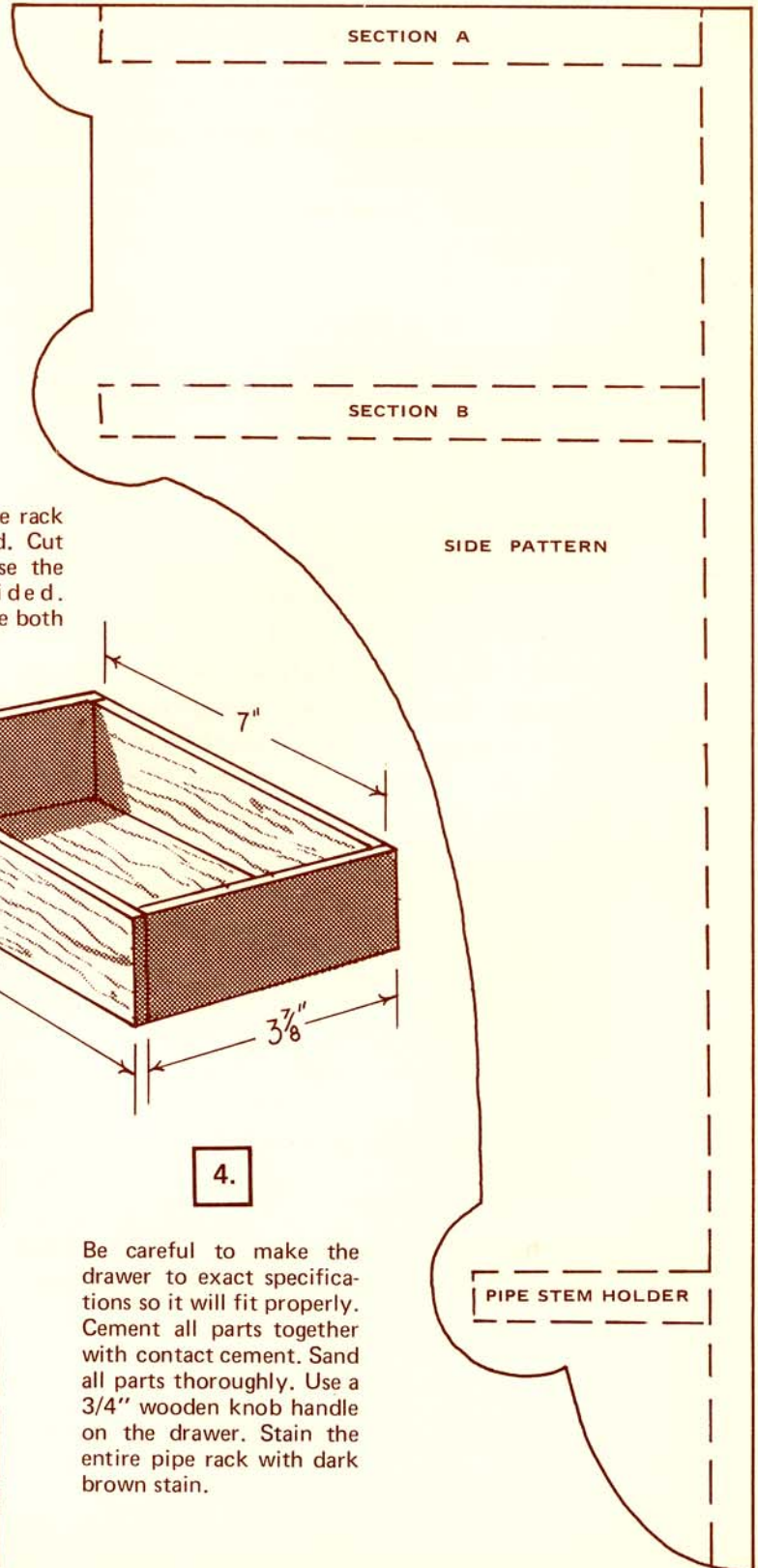
3.

Cut back piece 7 1/2" wide by 9" high.



2

HALF OF PIPE STEM HOLDER



SECTION A

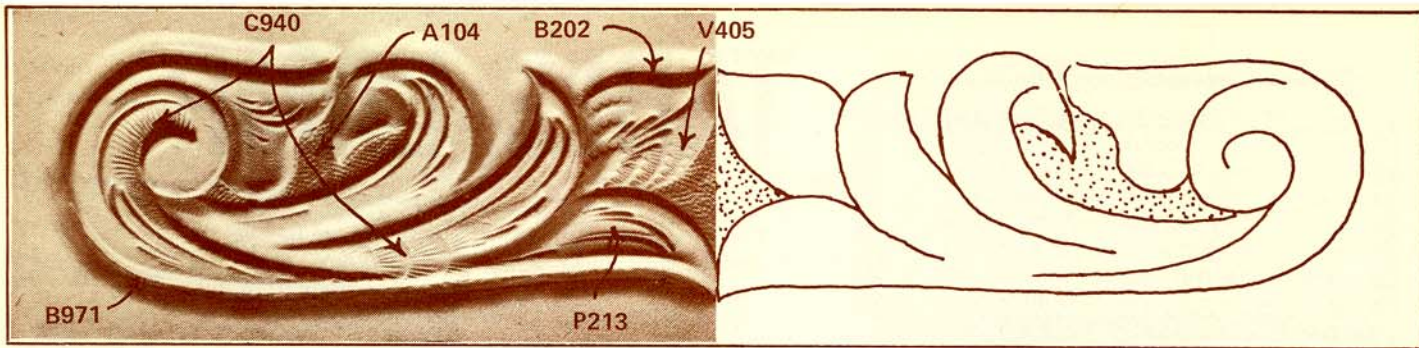
SECTION B

SIDE PATTERN

4.

Be careful to make the drawer to exact specifications so it will fit properly. Cement all parts together with contact cement. Sand all parts thoroughly. Use a 3/4" wooden knob handle on the drawer. Stain the entire pipe rack with dark brown stain.

PIPE STEM HOLDER



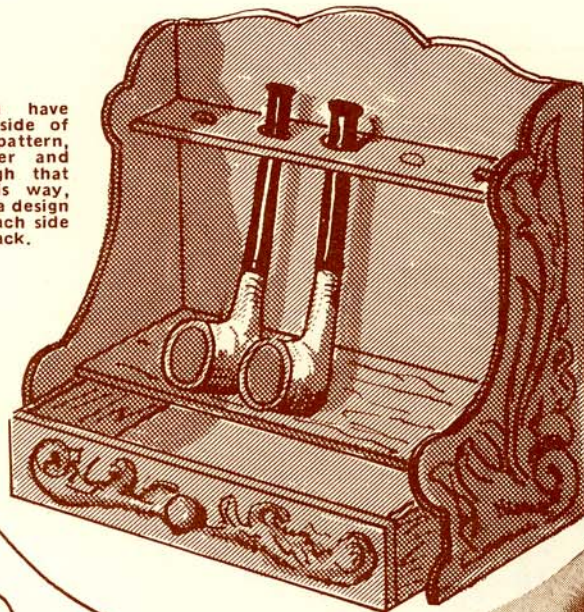
DRAWER FRONT PATTERN

5.

Using the tracing patterns provided, you will be well on your way to completing the tooled leather pipe rack sides. When you have completed carving, tooling, dyeing and finishing the leather, cement the rack's side pieces on. Cement leather onto side piece and bond securely. Trim off any excess leather. Edge leather with an edge beveler.

LEATHER TRACING PATTERN

When you have traced one side of the tracing pattern, turn it over and trace through that side. In this way, you will get a design traced for each side of the pipe rack.



LEATHER PHOTOCARVE PATTERN

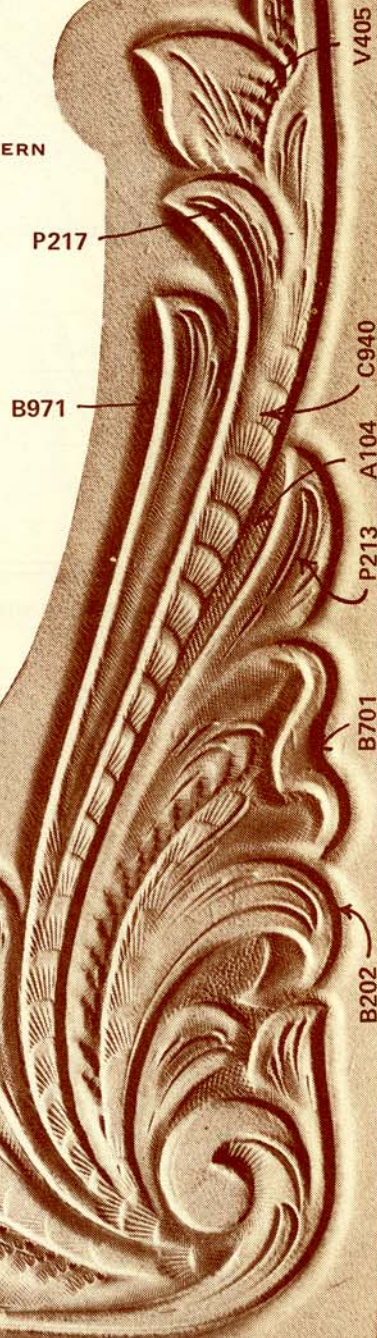
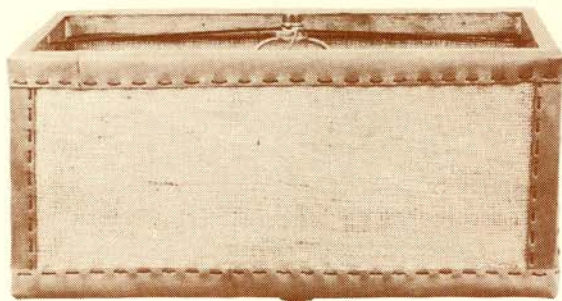


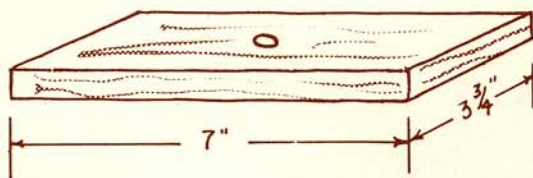
TABLE LAMP

The combination of leather and wood can be used to create many lovely items for your home. One outstanding example of home decoration made from this duet is this carved leather accented table lamp. The following instructions will guide you through the construction of this unusual home decoration accessory.



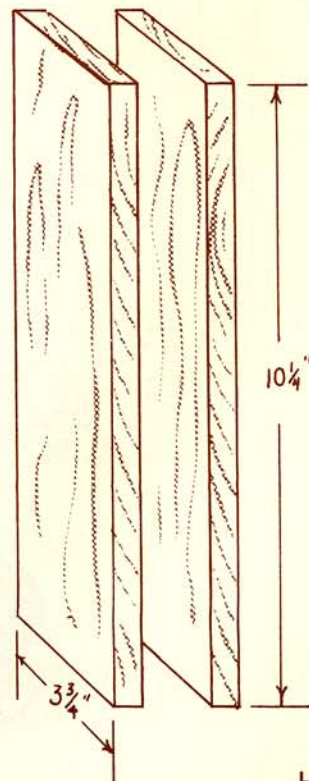
1.

When making the lamp base, use 1" pine. Cut all pieces to sizes described.



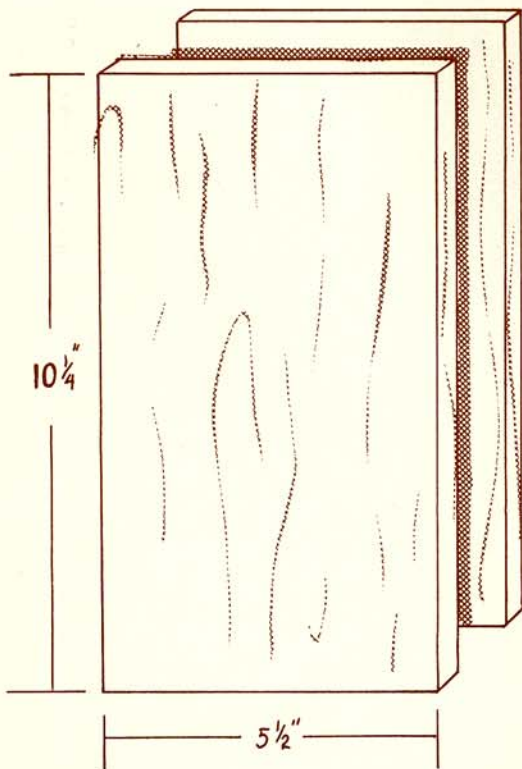
2.

Cut top piece 7" x 3 3/4". Drill a 3/8" hole in the center of the top.

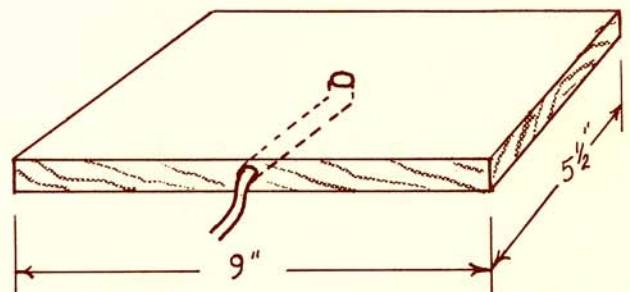
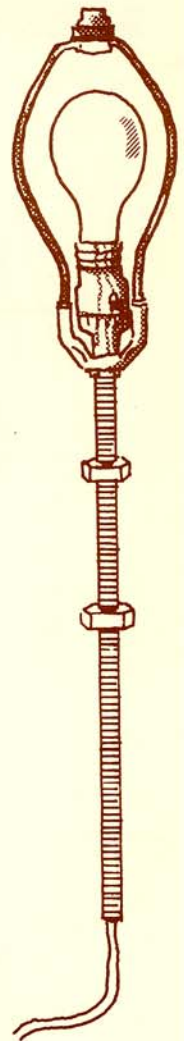


3.

Cut front and back pieces 10 1/4" x 5 1/2" each. Cut side pieces 3 3/4" x 10 1/4" each.



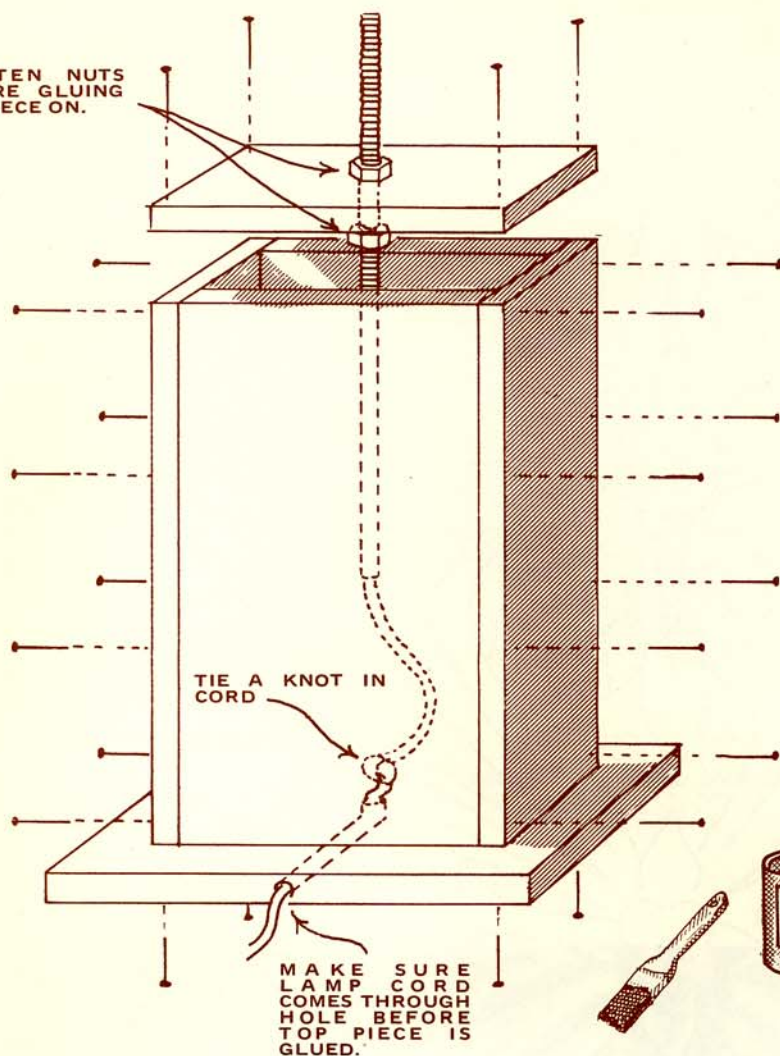
LAMP CORD SET,
9" THREADED
NIPPLE AND
LAMP HARP SET.



4.

Cut bottom piece (base) 9" x 5 1/2". Drill a 3/16" hole about 3/8" deep directly in the center of the base. Next, drill another hole 3/16" in the long side of the base in a line from the center hole to allow lamp cord to exit through the base.

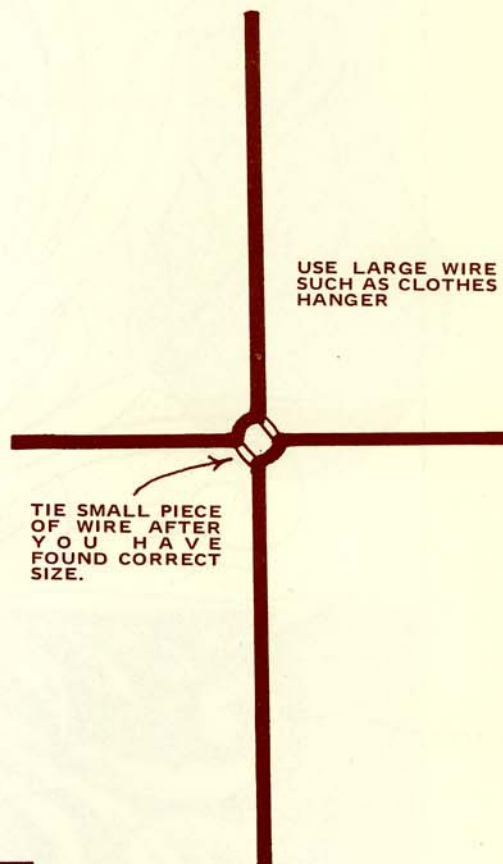
TIGHTEN NUTS
BEFORE GLUING
TOP PIECE ON.



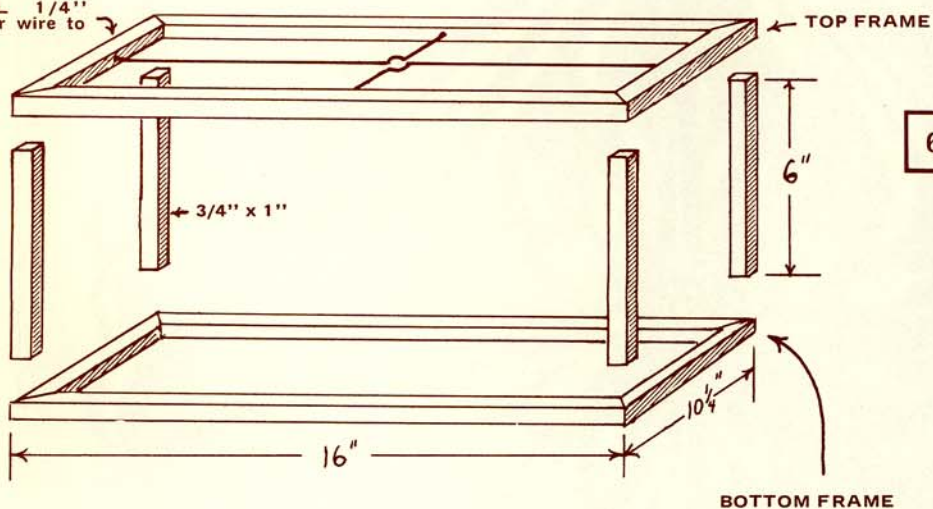
5.

Glue all wood pieces together (except top piece) with contact cement. Be sure to complete all instructions before gluing top piece on (see illustration). Install cord and lamp cord set and tighten nuts as shown. Glue top piece on. When all pieces are dry, nail securely with 1 1/4" finishing nails. Sand the lamp base and stain with the wood stain of your choice.

USE LARGE WIRE
SUCH AS CLOTHES
HANGER

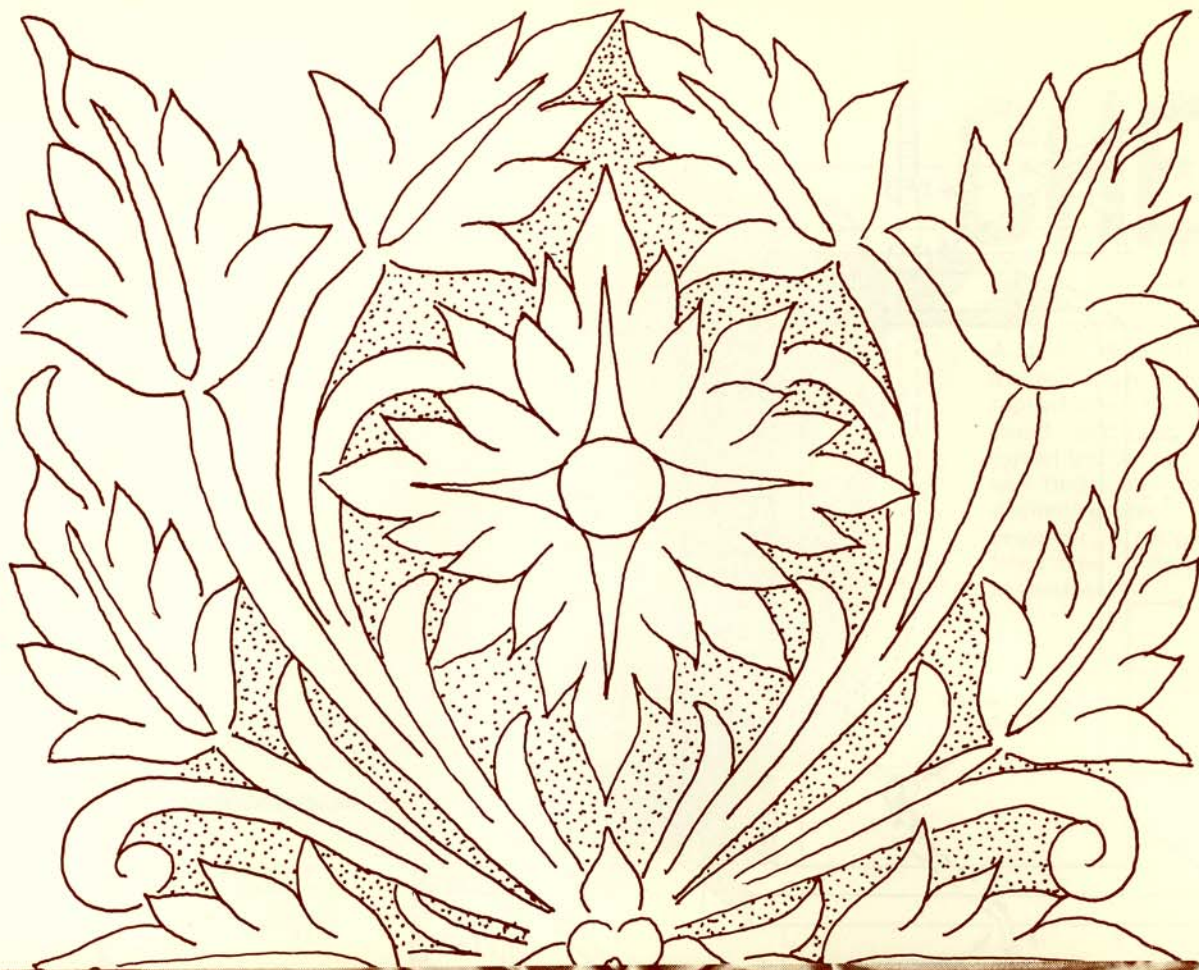


DRILL 1/4"
hole for wire to
set in.



6.

Assemble lamp shade frame as shown in illustrations. Cut top and bottom frame piece corners at a 45 degree angle so corners will be mitered. Glue pieces together and set wire in 1/4" drilled holes (see illustration).



B971

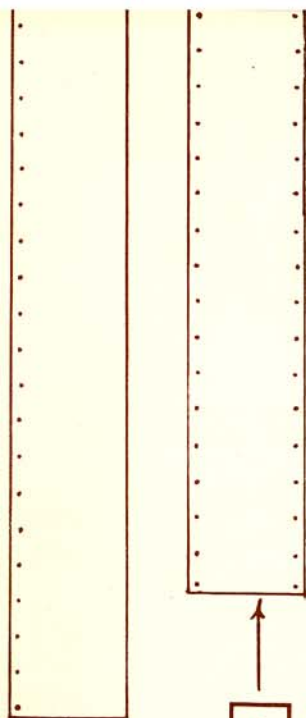
S706

P213

A104

V821

LEATHER PHOTO AND CARVING PATTERN

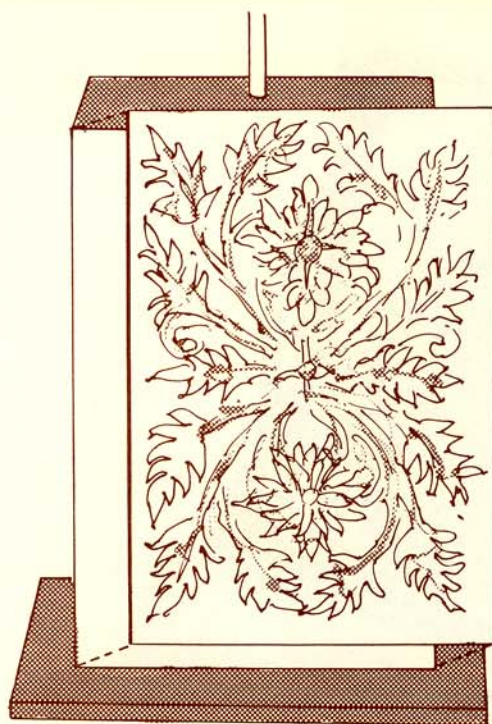


8.

Using 2-3 oz. leather, cut out four strips 7" long x 1 1/2" wide. Punch stitching holes 3/8" apart down each side.

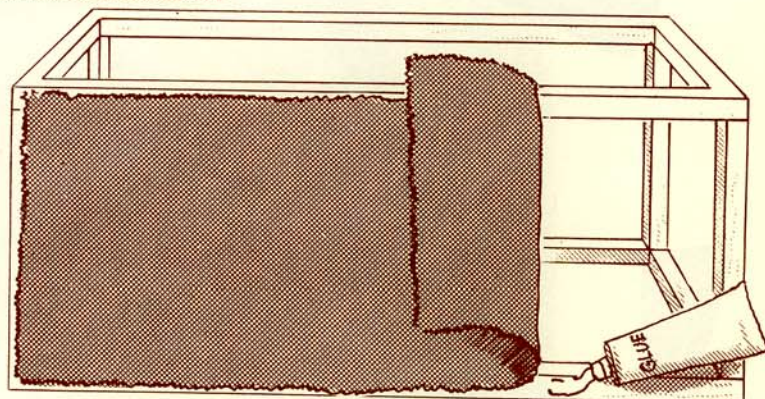
9.

Cut four leather strips from 2-3 oz. leather, 27" long and 1/2" wide (see illustration). Punch stitching holes 3/8" apart.



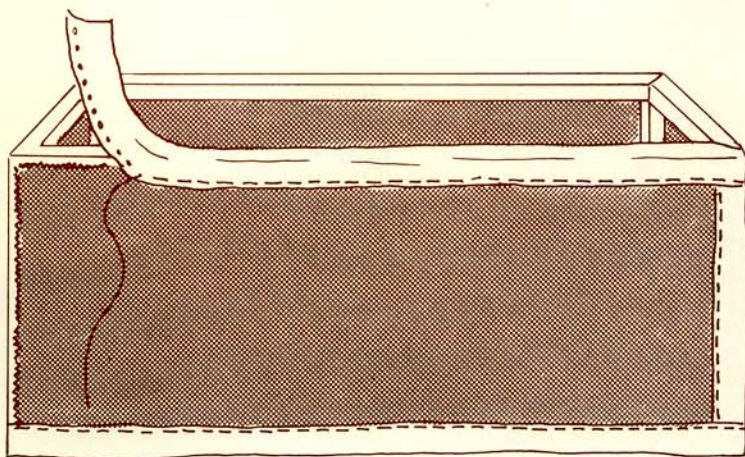
7.

Carve, tool, dye and finish the leather panels. Cement leather panel to lamp front using Craftsman Cement. Cut off any excess leather and edge with an edge beveler.



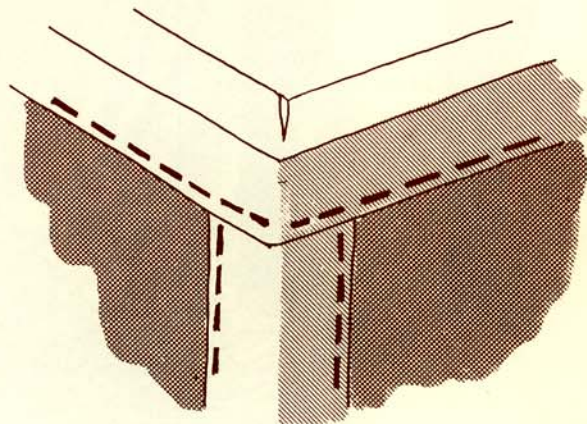
10.

You will need approximately 1/2 yard of burlap for the shade. Select the color that suits your decor best. Glue the burlap in place. Let glue dry so burlap does not buckle when marked on later.



11.

Glue top portion of leather strips flush with inside of brace. Fold around corners (as illustrated at right). Slit corner to make miter. Stitch with waxed thread as shown.



SERVING TRAY

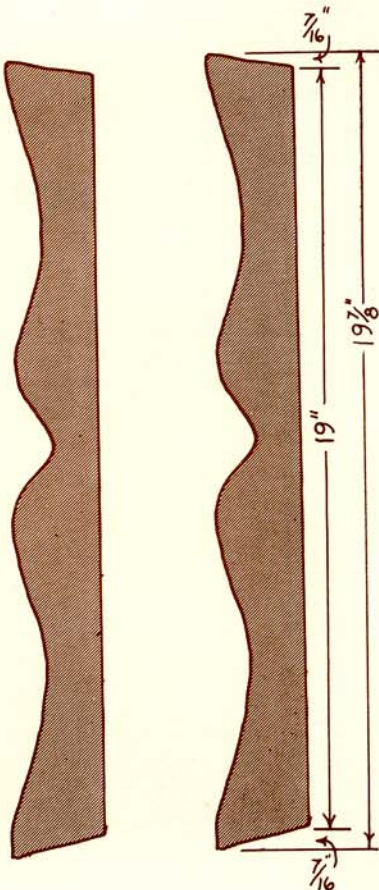


Here is a unique way to put your leather-crafting skill to good use ... a wood and leather serving tray for your home. Make this functional tray for your own use or as a treasured gift, either way you create an heirloom that will be appreciated and used for years to come.

BEVEL THE BOTTOM AND ROUT ALL TOP EDGES

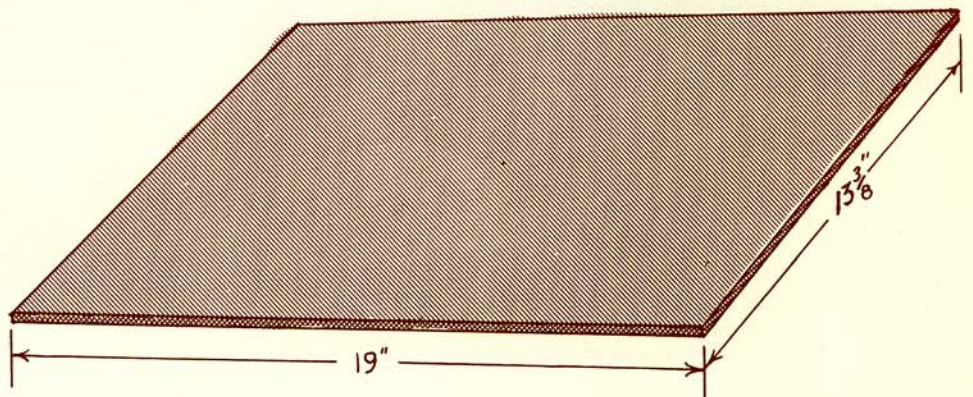
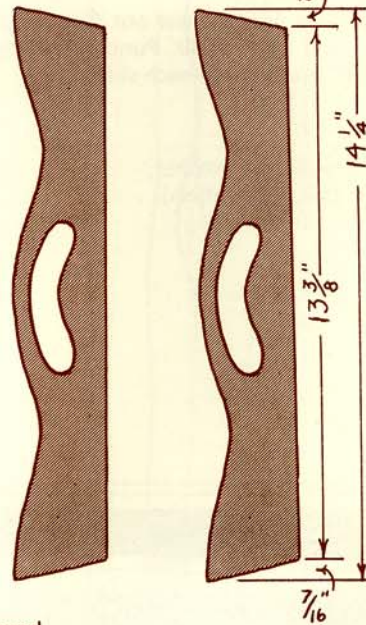
1.

Cut four sides of $\frac{1}{2}$ " pine using tracing patterns given on page 10. Bevel bottom to desired angle and rout all top edges including the cutout that makes the handle.



2.

Cut the bottom board from $\frac{1}{2}$ " pine and sand top side smooth.



2 1/2"

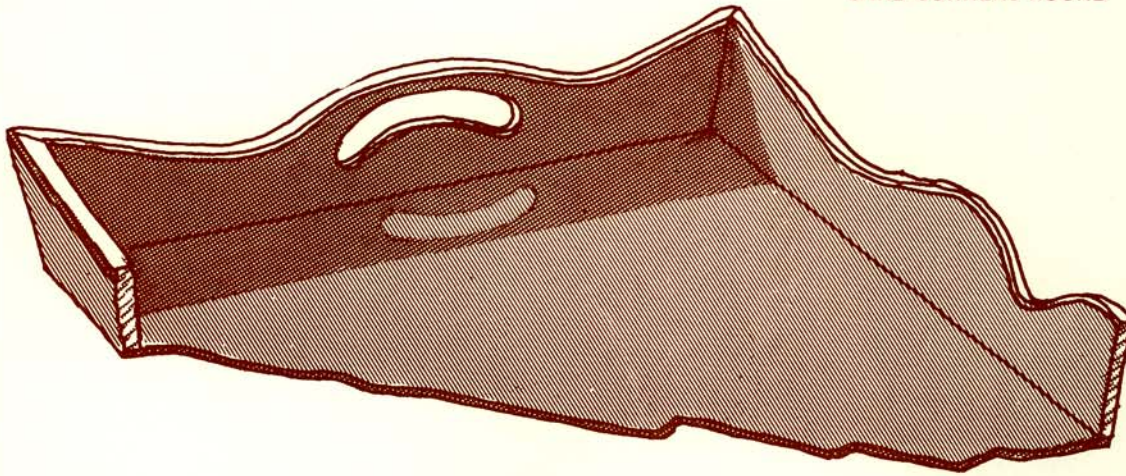
REVERSE THIS
PATTERN AND
YOU WILL
HAVE ONE
FULL PAT-
TERN

1/2
PATTERN LINE

REVERSE THIS PATTERN
AND YOU WILL HAVE ONE
FULL PATTERN

1/2 PATTERN LINE

SAND CORNERS ROUND



3.

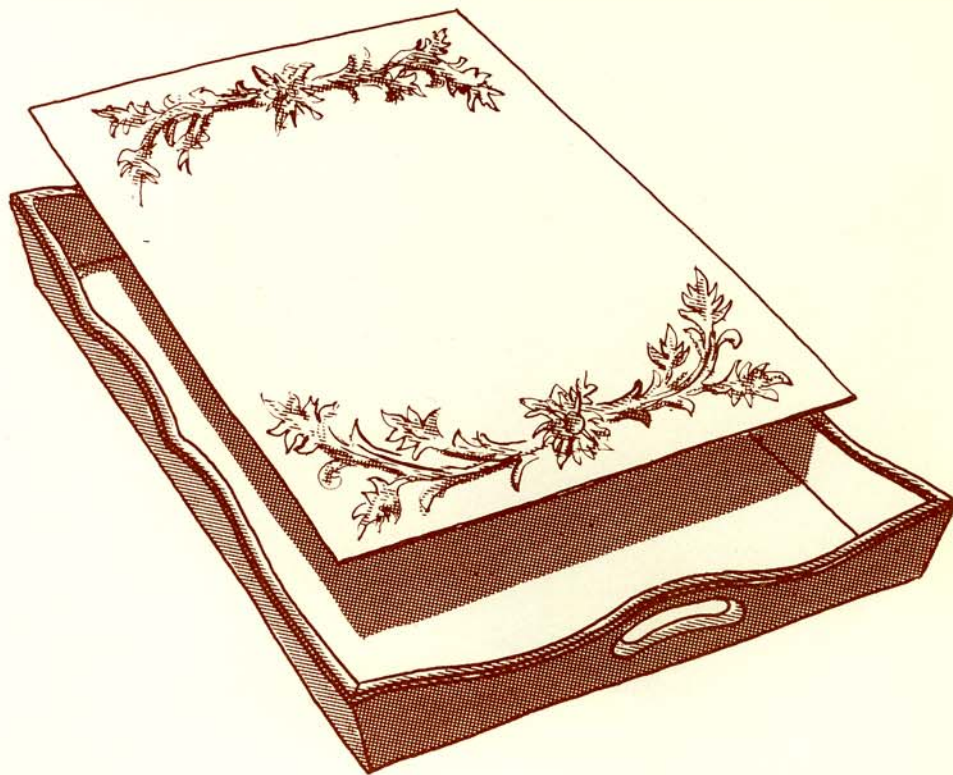
Use contact cement on all pieces to be bonded together. Carefully bond all pieces together so they fit securely. Let stand until dry. Secure corners and bottom with small finishing nails. Sand entire tray and stain with a dark wood stain.



LEATHER TRACING PATTERN

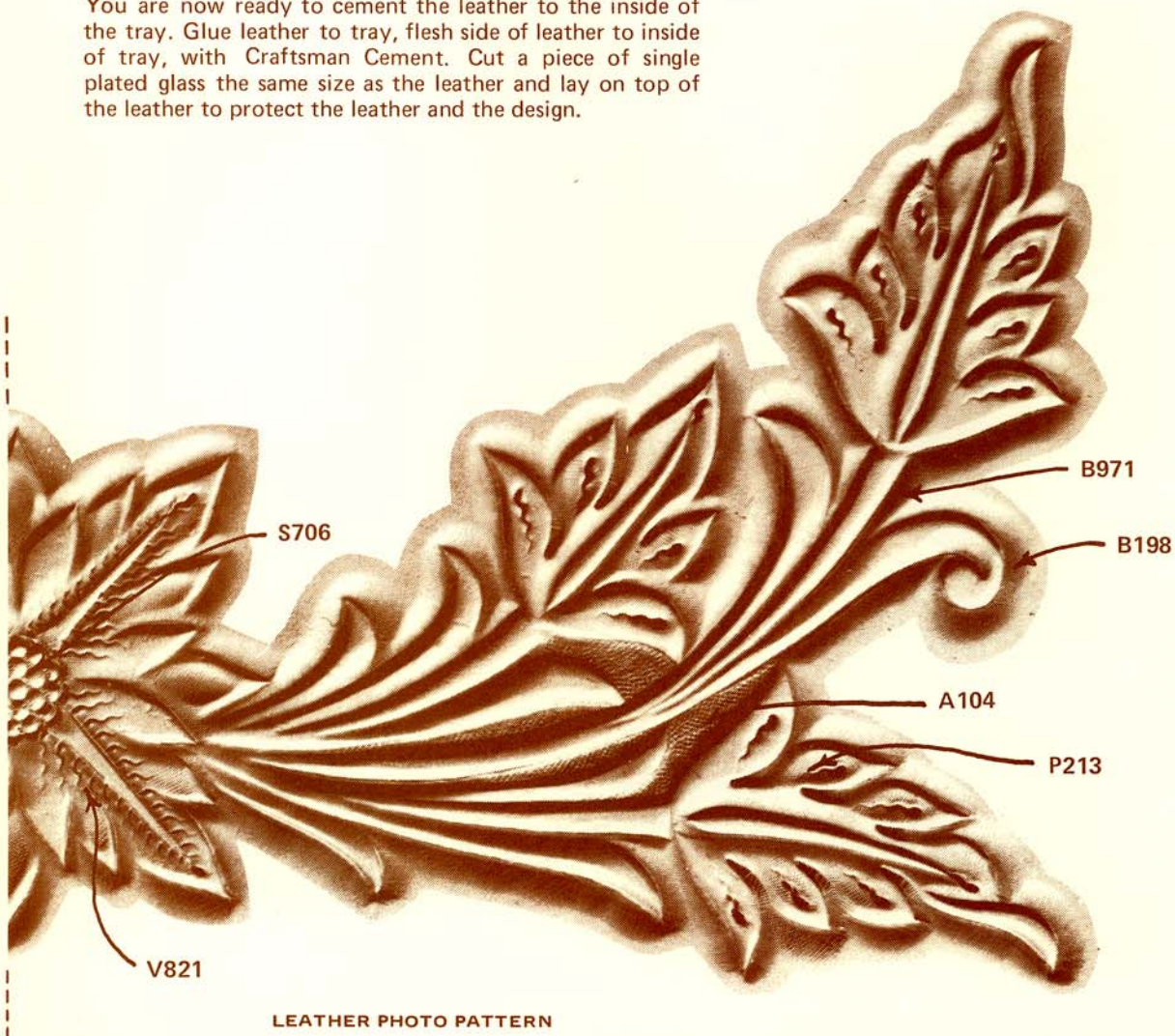
4.

Measure width and length inside the bottom of the tray. Cut a piece of 7-8 oz. leather to the dimensions of the inside of tray. Using the tracing pattern below, trace the design twice, once on each end facing each other. Carve, tool, dye and finish the leather.



5.

You are now ready to cement the leather to the inside of the tray. Glue leather to tray, flesh side of leather to inside of tray, with Craftsman Cement. Cut a piece of single plated glass the same size as the leather and lay on top of the leather to protect the leather and the design.



LEATHER PHOTO PATTERN

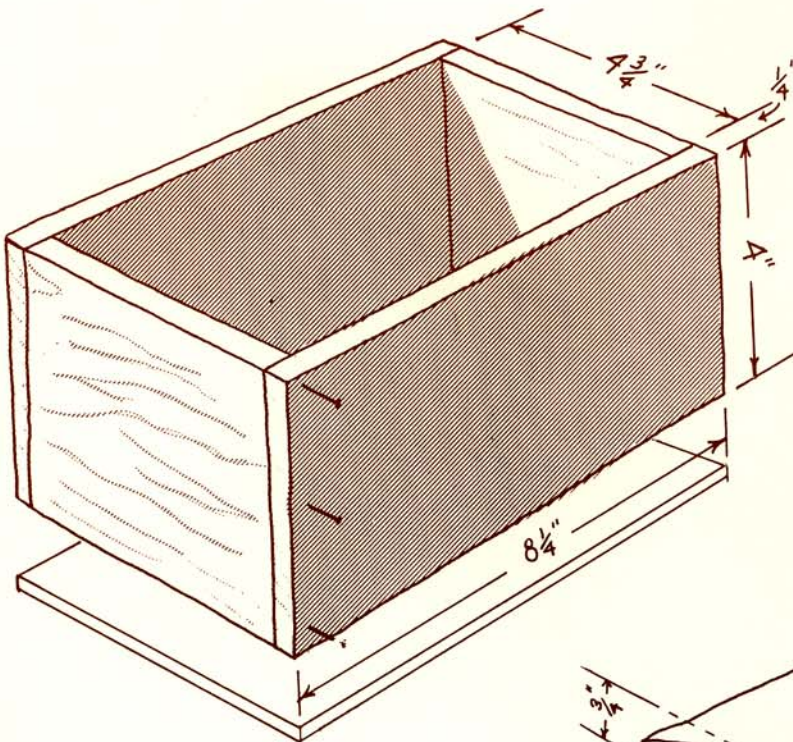
CHEST



The excitement of buccaneer days beams through the shiny gold rivets decorating this small leather and rivet trimmed wooden chest. Use it as an accessory on your coffee table, as a man's jewelry box, or add a simple leather handle and make a lady's handbag out of it. With the versatility and beauty of this small chest, you may decide to make several!

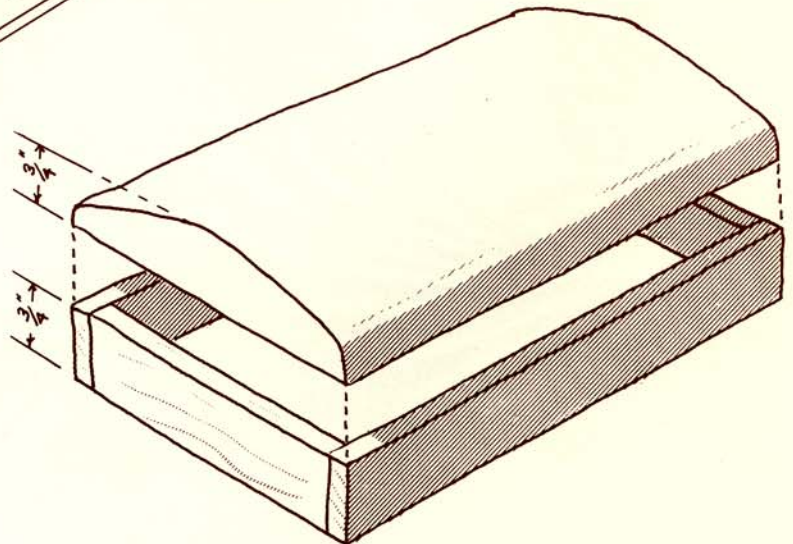
1.

Using 1/4" plywood, cut front, back, two end pieces and bottom piece as indicated by illustration. Glue all pieces together with contact cement, secure joints with 1/2" nails on all corners as indicated. Sand this section of the chest.



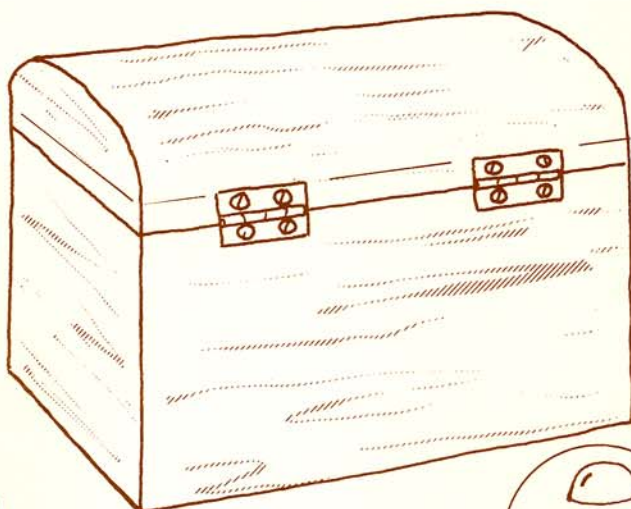
2.

For the top section of the chest, cut a 1" x 6" piece of pine. Cut and sand until you obtain the desired shape. After both top and bottom are cut and sanded, cement together with contact cement and sand again to desired smoothness.



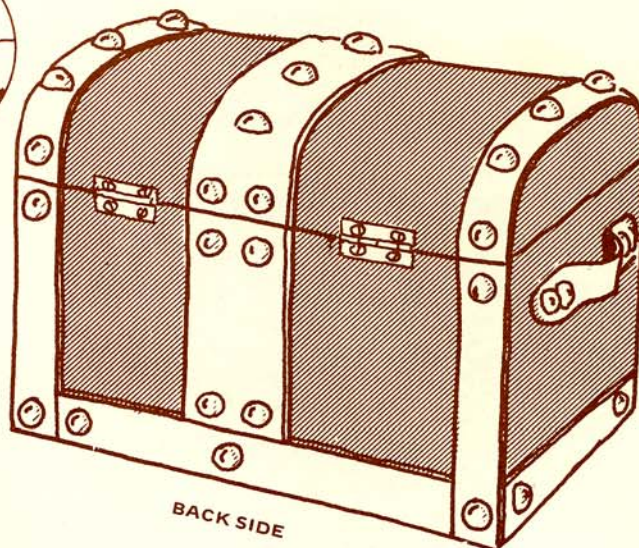
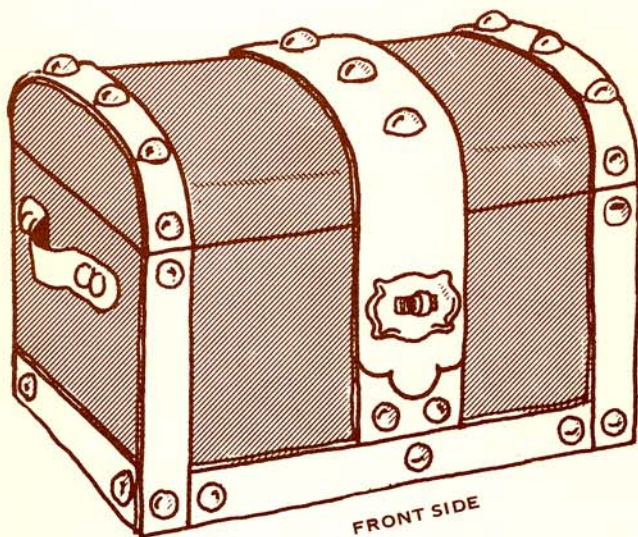
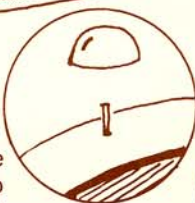
3.

Place top piece on top of box part of chest. Place small strips of masking tape to hold securely in place. Measure in $1\frac{1}{4}$ " from each side and install two $1\frac{1}{2}$ " hinges. Remove tape and chest is ready to stain.



4.

Using 7-8 oz. leather, make $\frac{3}{4}$ " strips for the side and bottom trim pieces and a $1\frac{1}{2}$ " strip to go down the center of the chest. Stain the leather strips and apply a leather finish. Glue leather strips down with cement. Drive wire nails through leather strips and halfway through the wood. Cut nails off to proper size and press on Knobby Rivet buttons.



5.

Cut out two pieces of $\frac{3}{4}$ " wide leather to be used as side handles (approximately 5" long). Use same Knobby Rivet procedure as before to attach straps.

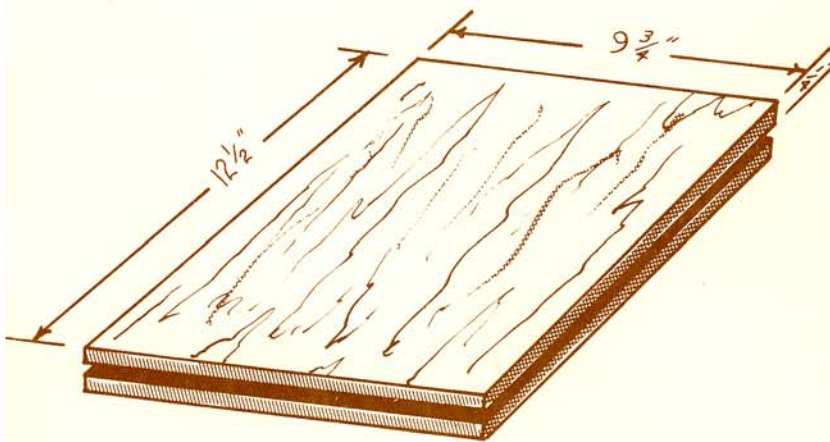
This can be used as a center strap pattern. The dotted areas mark the location of the clasp.



CUT APPROX. $13\frac{1}{2}$ " LONG

NOTEBOOK COVER

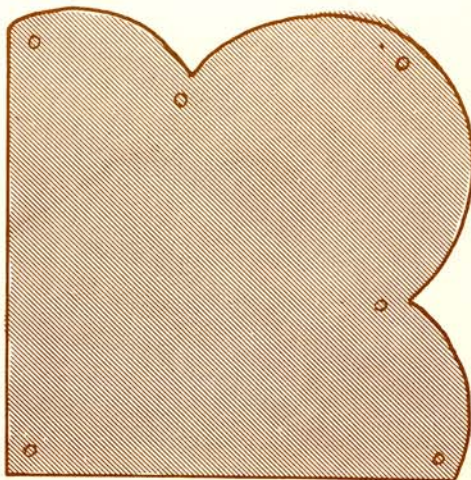
An example of how wood and leather can be combined in a useful and practical manner is this handsome Notebook. You will take pride in using this Spanish influenced design. It would even make an attractive accessory to use in home decoration.



1.

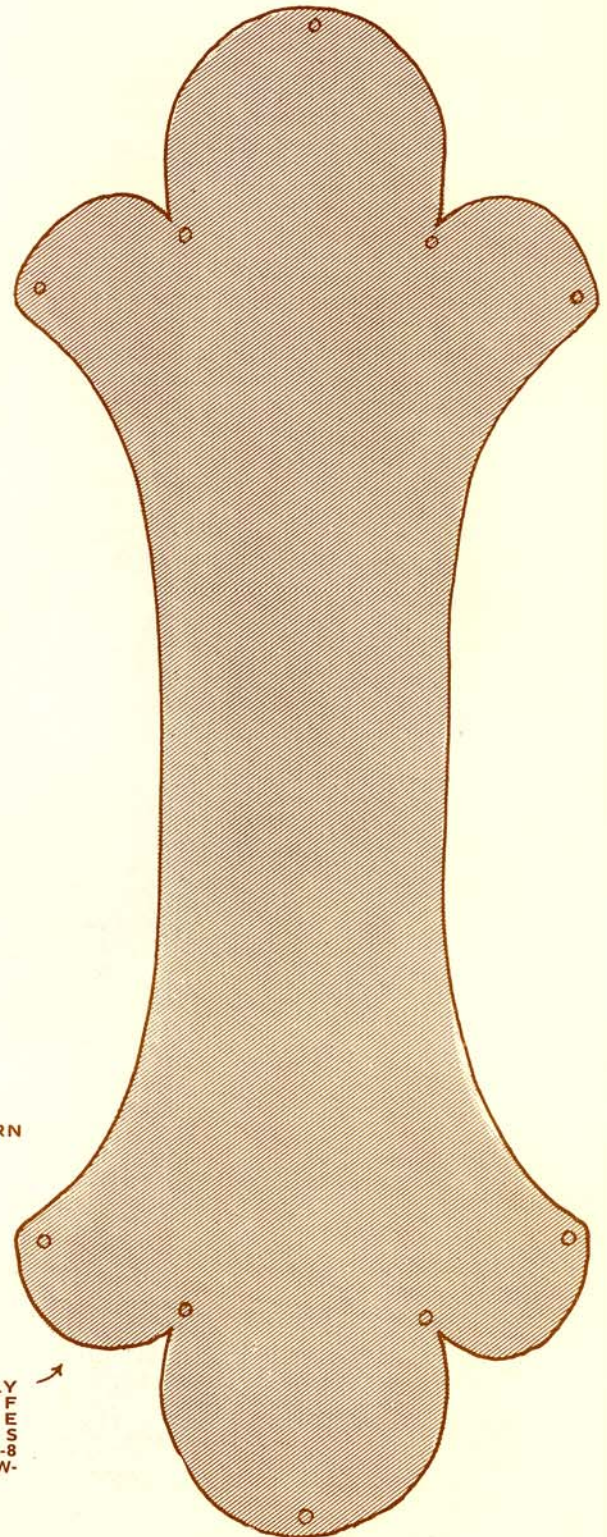
Cut two boards, $12 \frac{1}{2}'' \times 9 \frac{3}{4}''$, from $\frac{1}{4}''$ plywood. Sand both pieces smooth.

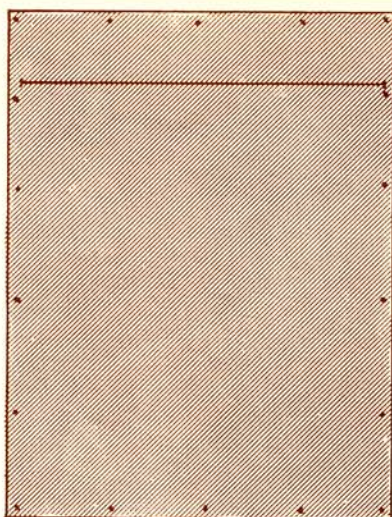
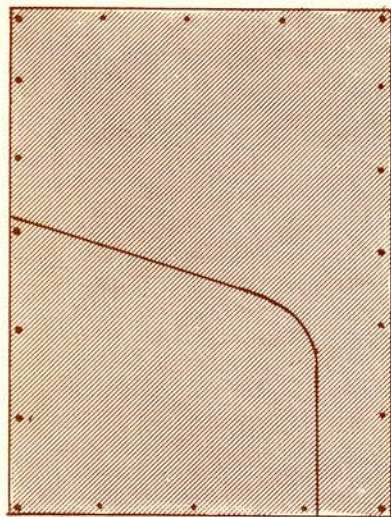
CUT FOUR,
USING THIS
PATTERN,
FROM 7-8
oz. COW-
HIDE.



TRACING PATTERN

CUT ONLY
ONE OF
THESE
PIECES
FROM 7-8
oz. COW-
HIDE.



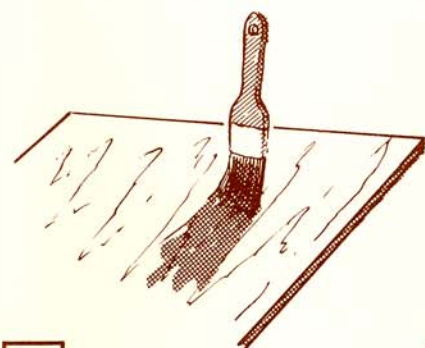


CUT SLIT IN LEATHER HERE

2.

Cut out two pieces of leather the same measurement as boards ($12\frac{1}{2}'' \times 9\frac{3}{4}''$). Cut a third piece of leather the shape of the flap shown in the illustration above. Tack the leather pieces to the boards as shown.

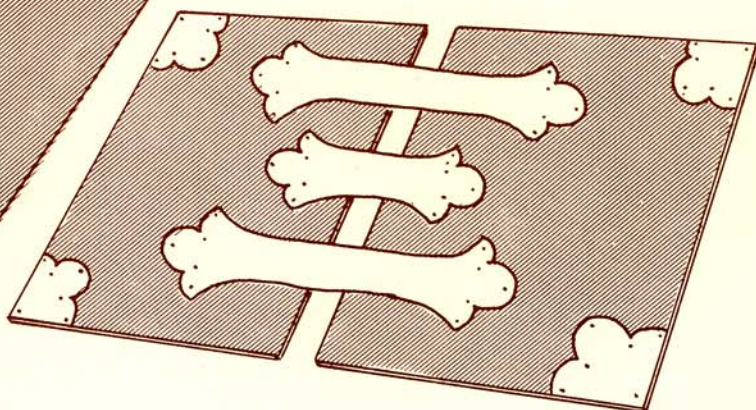
Cut out all leather hinges, using the patterns provided. Also cut out corner design pieces.



3.

Stain the wood on the opposite side of the boards.

CUT TWO USING THIS PATTERN, FROM 7-8 oz. COWHIDE.



4.

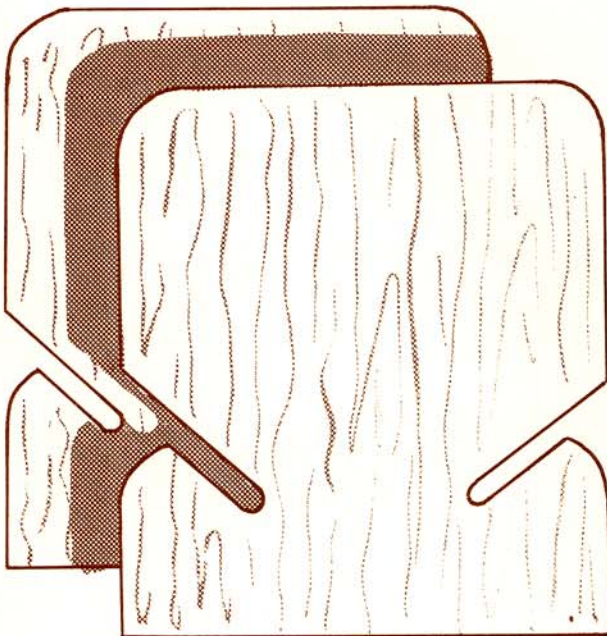
Place the stained boards stained side up with 1'' of space separating them. Place leather hinges as indicated in illustration. With a pencil, draw a light line around each of the three hinges. Tack down all pieces with $\frac{1}{4}''$ nails.

BOOK RACK

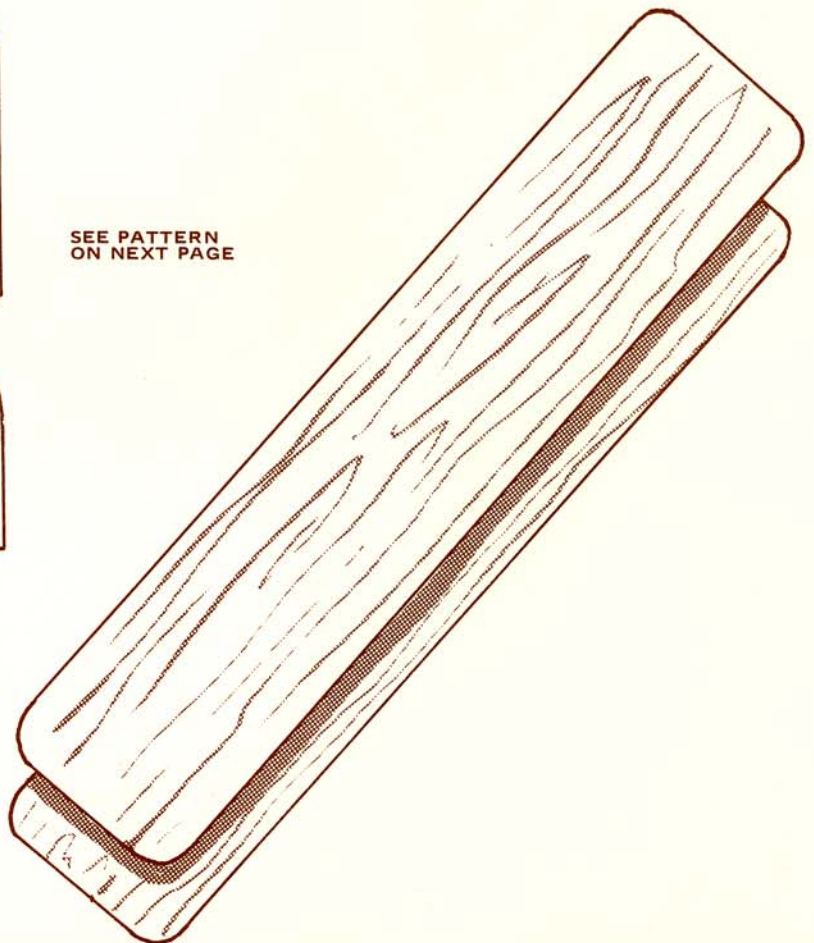
by Al Stohlman

An intriguing project for you is this leather and wood book rack. Here is your chance to really put your leathercarving skills to good use in a project that you will use and enjoy for years to come. What could be more functional than a sturdy wooden book rack trimmed with rich, beautiful handcarved leather.

Completing book rack will make you proud to be a leathercraftsman . . . it would make a very good selling item, too!



SEE PATTERN
ON NEXT PAGE

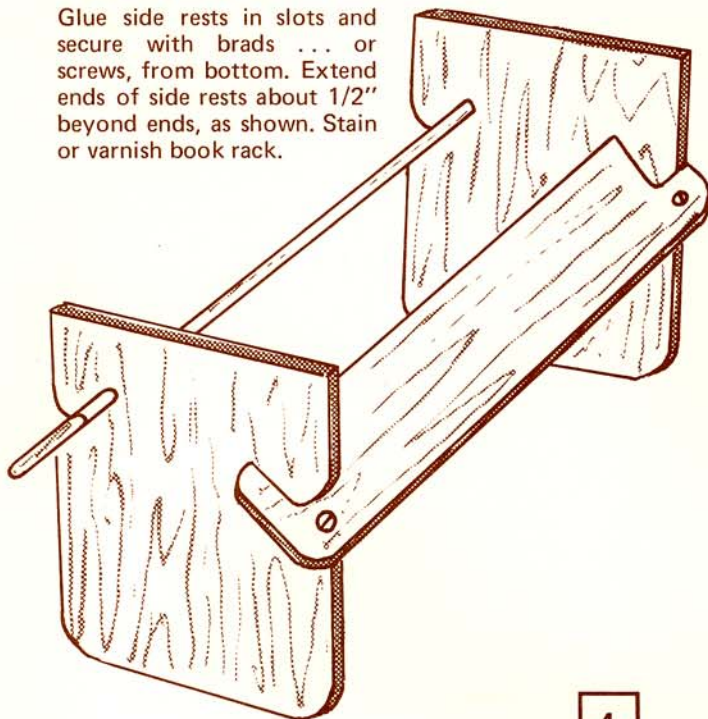


1.

Make two end pieces from 3/8" plywood. Make two side rests from 1/4" plywood 3" wide — 15" long. Sandpaper all parts well, rounding edges.

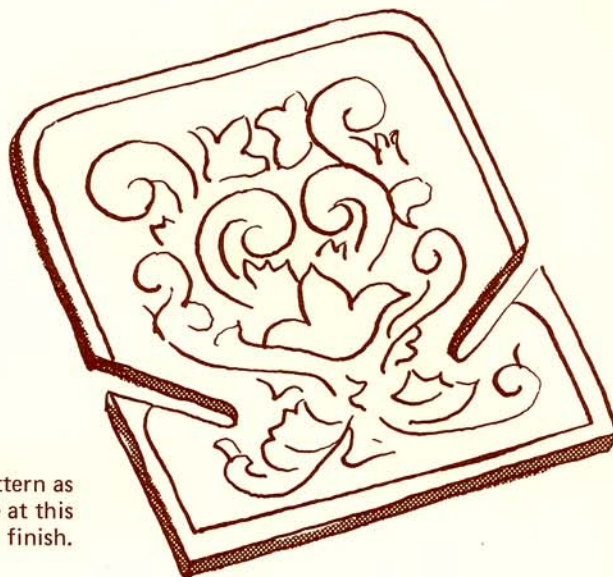
2.

Glue side rests in slots and secure with brads ... or screws, from bottom. Extend ends of side rests about 1/2" beyond ends, as shown. Stain or varnish book rack.



3.

Carve and stamp two end panels. Cement to cardboard to prevent stretch. Be sure to cut oversize.

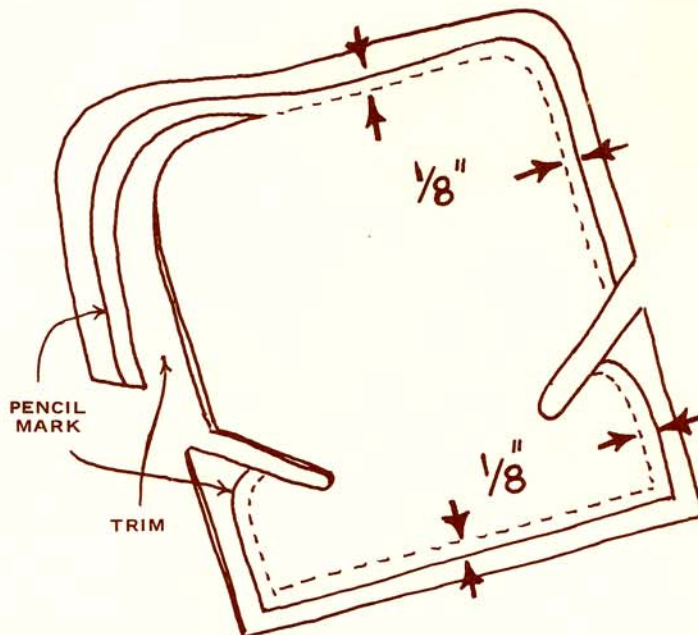
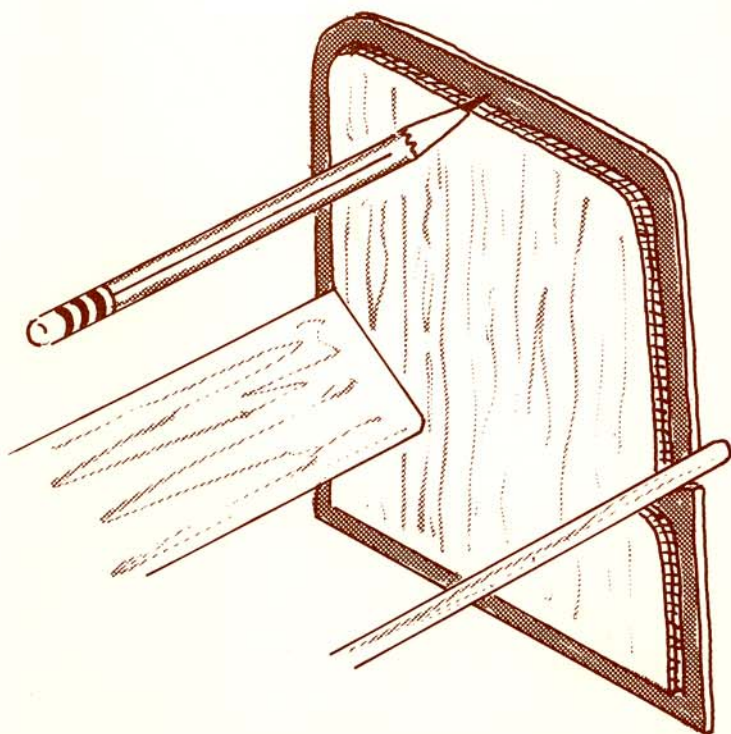


4.

Carefully cut out slots ... use the pattern as your guide. DO NOT trim the outside at this time. Dye and/or apply the leather finish. When dry, follow step 5.

5.

Fit leather to end ... placing slots over side rest ends. Mark flesh side of leather all around end piece. Press leather tightly against wood.



6.

Remove leather. Trim 1/8" inside the pencil marks. Edge and burnish edges.

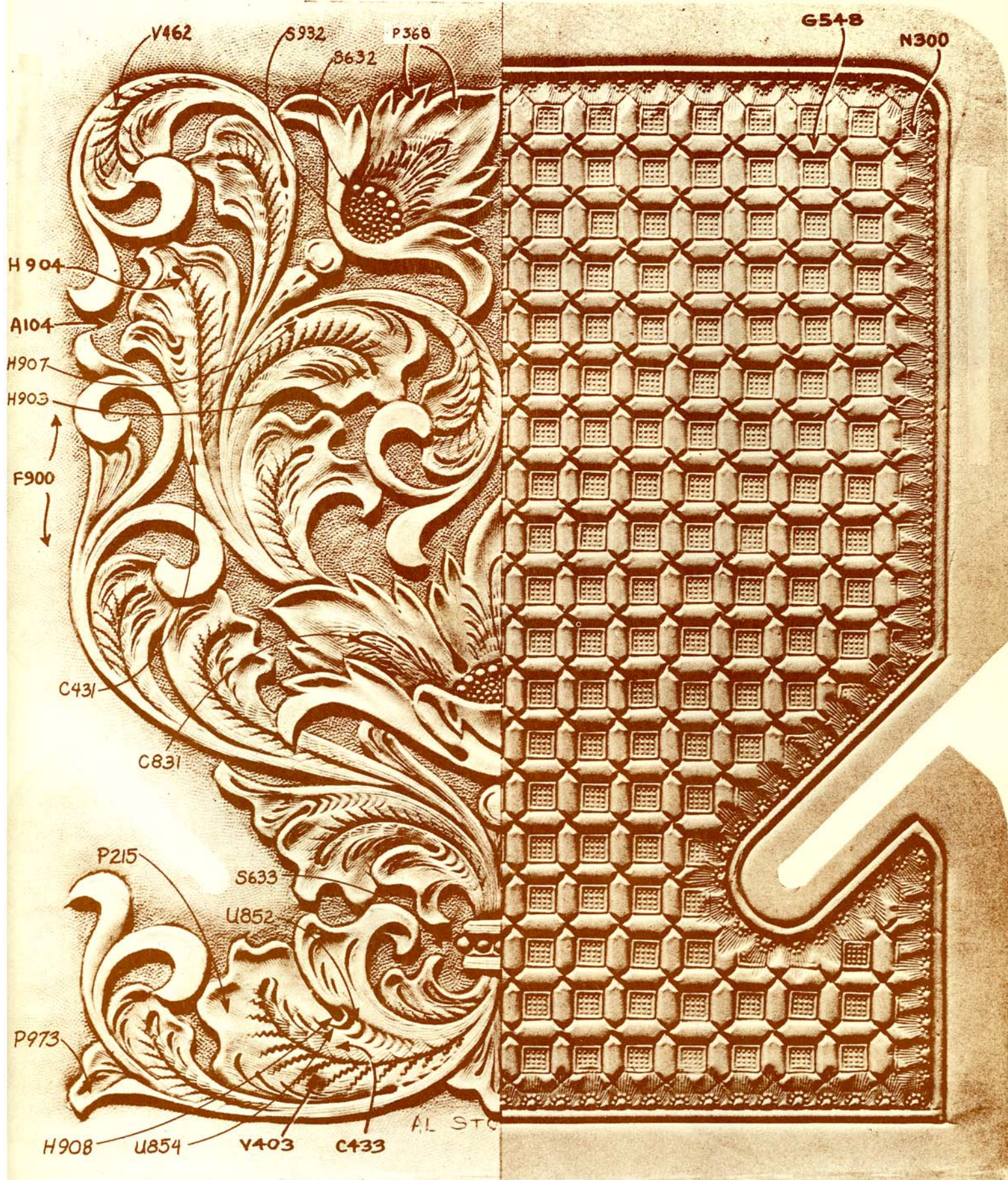
7.

Glue leathers in place with a strong bonding adhesive. Book rack is complete.

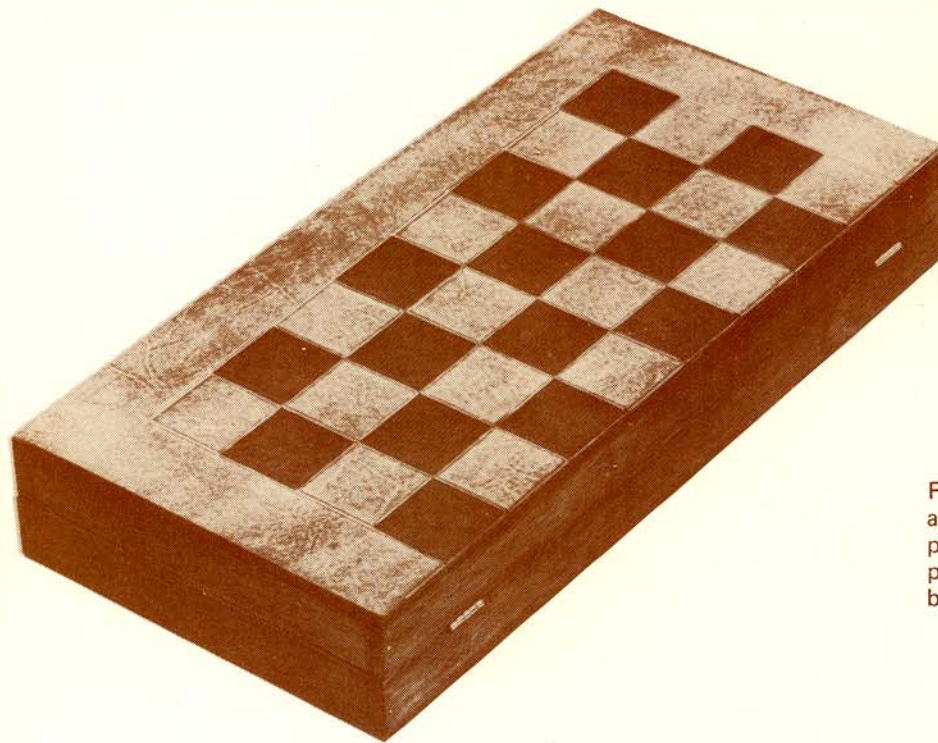


AL
STOHLMAN

LEATHER CARVING PATTERN

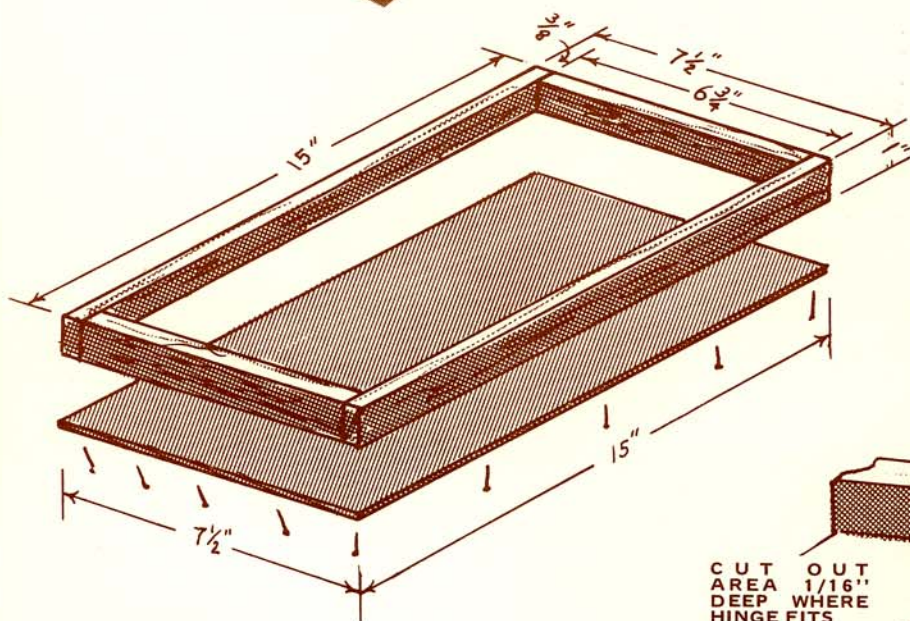


LEATHER PHOTO PATTERNS



CHECKER/ CHESSBOARD BOX

Fun to make, fun to use . . . this combination checker and chessboard that is also the box to hold your game playing supplies. You'll set up your game with the pride of accomplishment when you complete this beautiful gaming board.

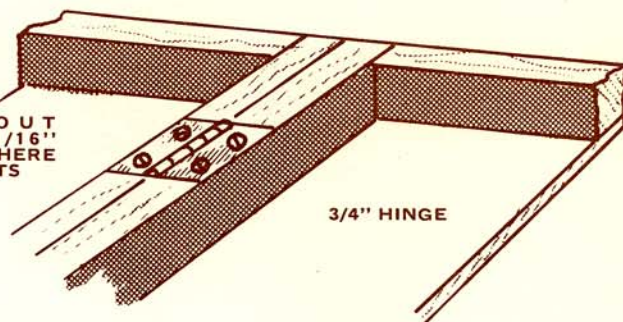


TACK THE
BOTTOM
DOWN WITH
1/2" NAILS. BE
CAREFUL NOT
TO SPLIT THE
WOOD.

1.

Make two boxes as shown using pine sides and plywood bottom pieces. Glue all pieces together with contact cement, making sure both boxes are true to the measurements so they will fit correctly.

CUT OUT
AREA 1/16"
DEEP WHERE
HINGE FITS



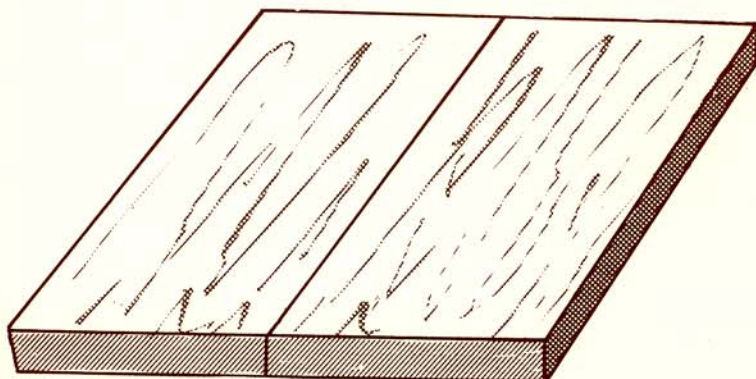
3/4" HINGE

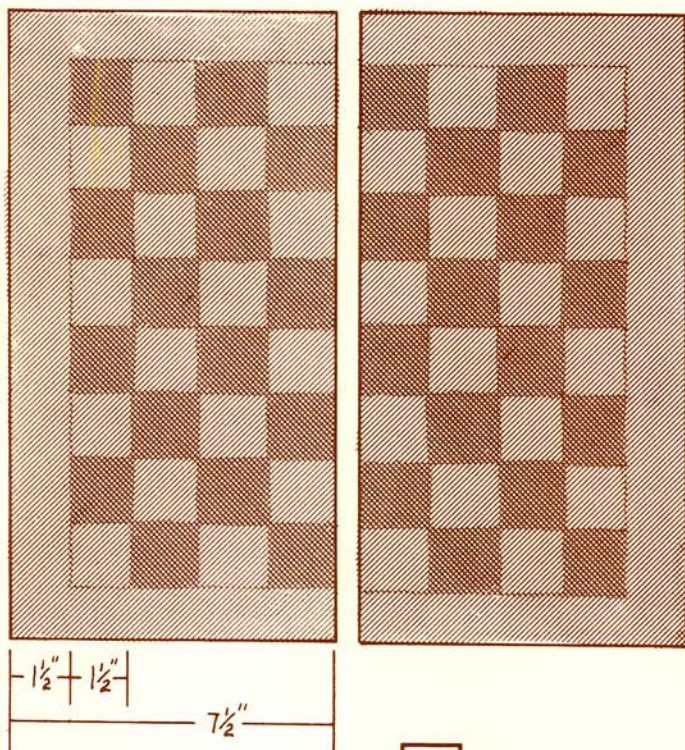
2.

Check box alignment before attaching hinges.

3.

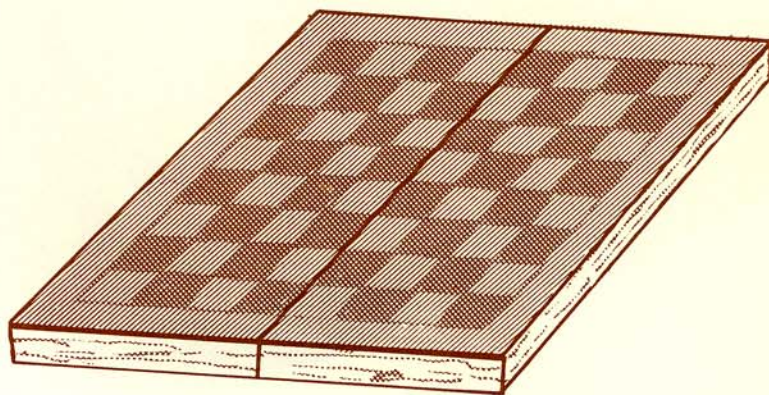
Sand all sides smooth. The box should correspond with the illustration at left, with hinges secured on the underside.





4.

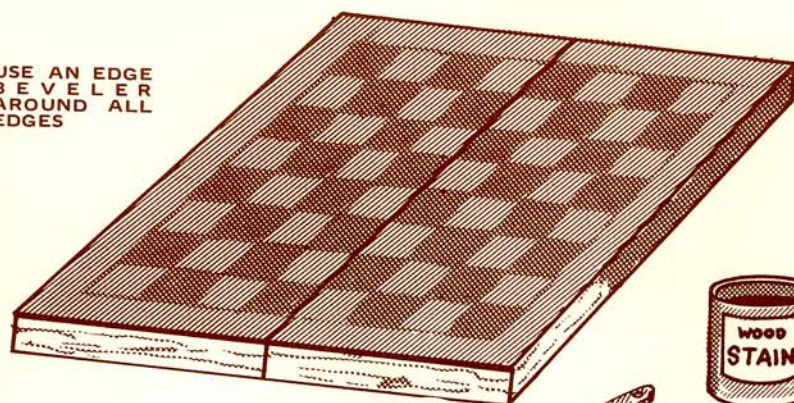
Using the measurements given on the illustration at left, draw pencil lines on a piece of 3-4 oz. cowhide. Use a swivel knife to cut the lines. Use a light Omega dye to stain the entire piece of leather. Then apply a coat of dark brown Omega dye to alternating squares.



5.

Cement flesh sides of leather to the box. Carefully align and press together making sure squares match as shown above.

USE AN EDGE
BEVELER
AROUND ALL
EDGES

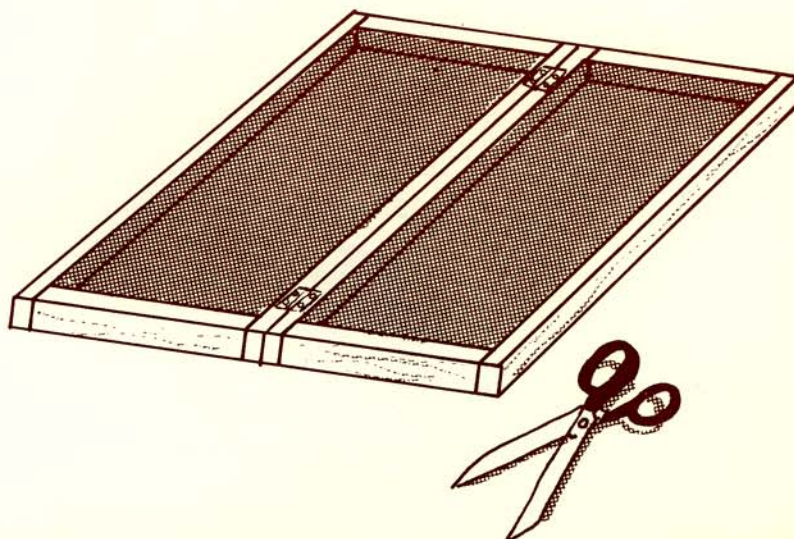


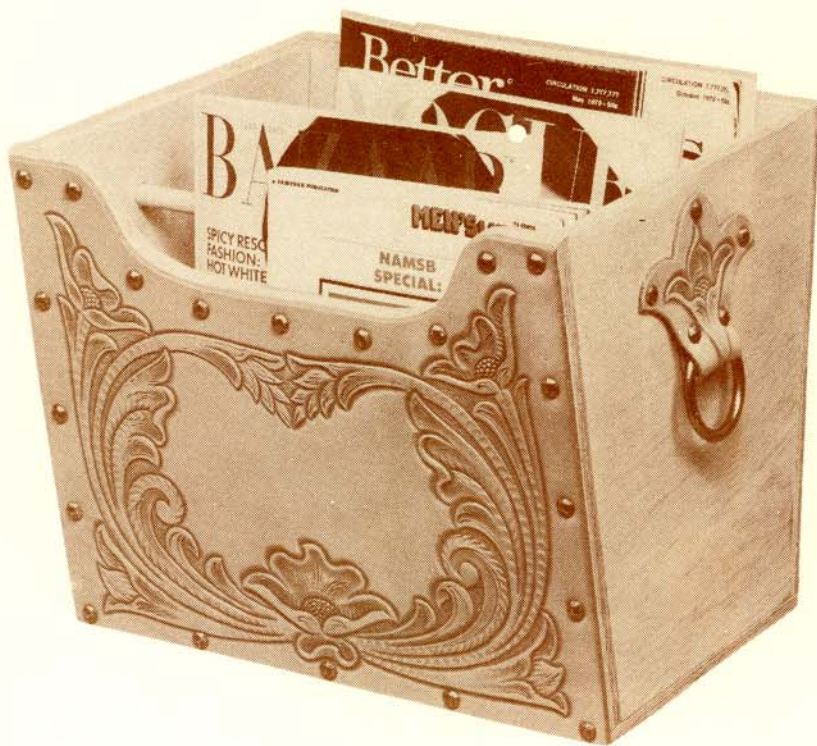
6.

Trim any excess leather from around edges of box. Stain the box with your favorite wood stain.

7.

OPTIONAL: Using approximately 1/2 yard of felt, glue pieces to the inside of the box. Trim edges neatly with scissors or a single edge razor blade.

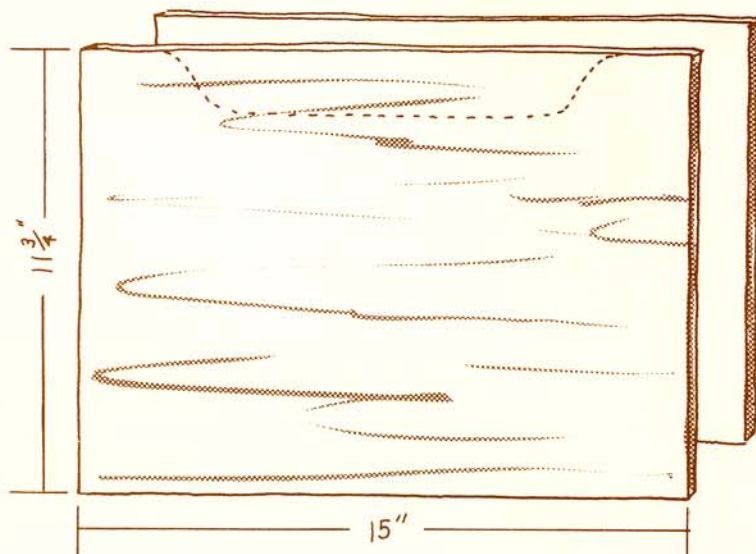




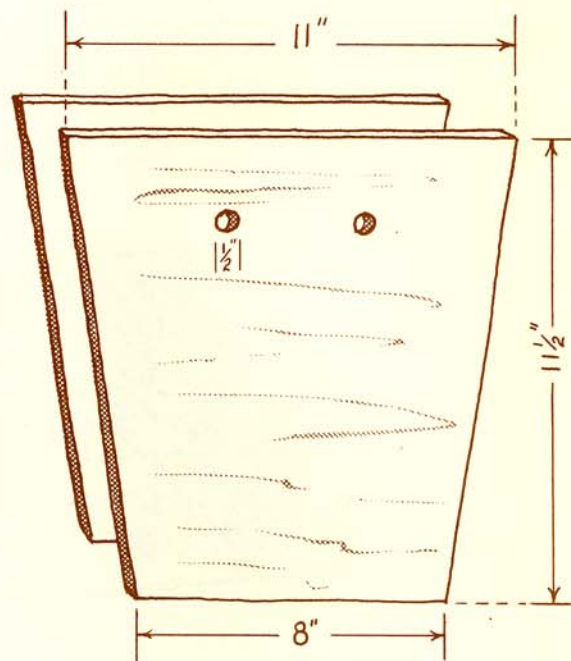
MAGAZINE RACK

A leather and wood magazine rack will add efficiency to your magazine storage as it decorates your home with the warmth and beauty of carved leather. One idea for your magazine rack is to store your leathercraft magazines in it for easy access when you need to look up that special project you want to begin.

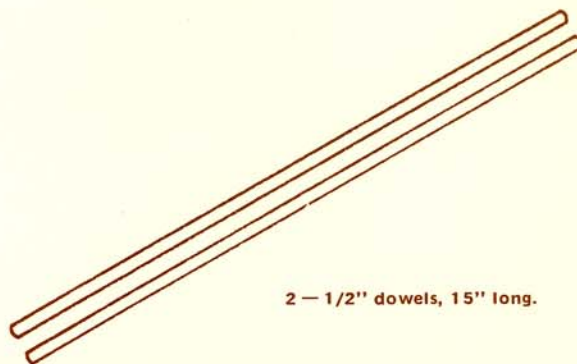
- 1 Cut front and back pieces from 1/2" pine. Cut to size indicated below. Cut out section shown by dotted lines on the front piece.



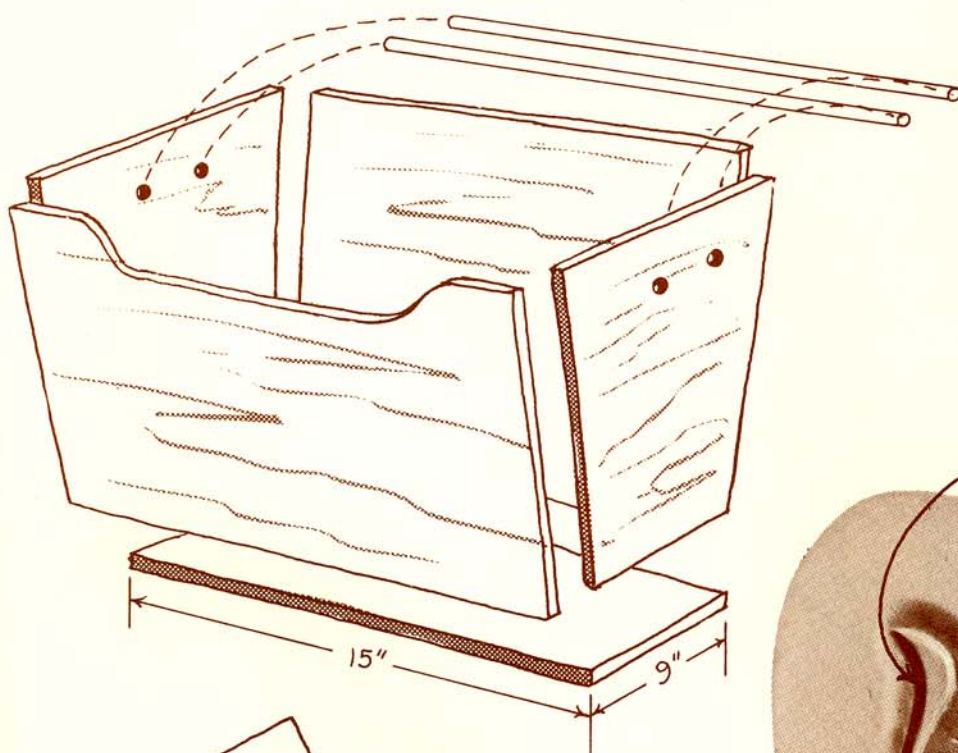
- 3 Cut two, 1/2" wood dowels 15" long to use as braces in the magazine rack.



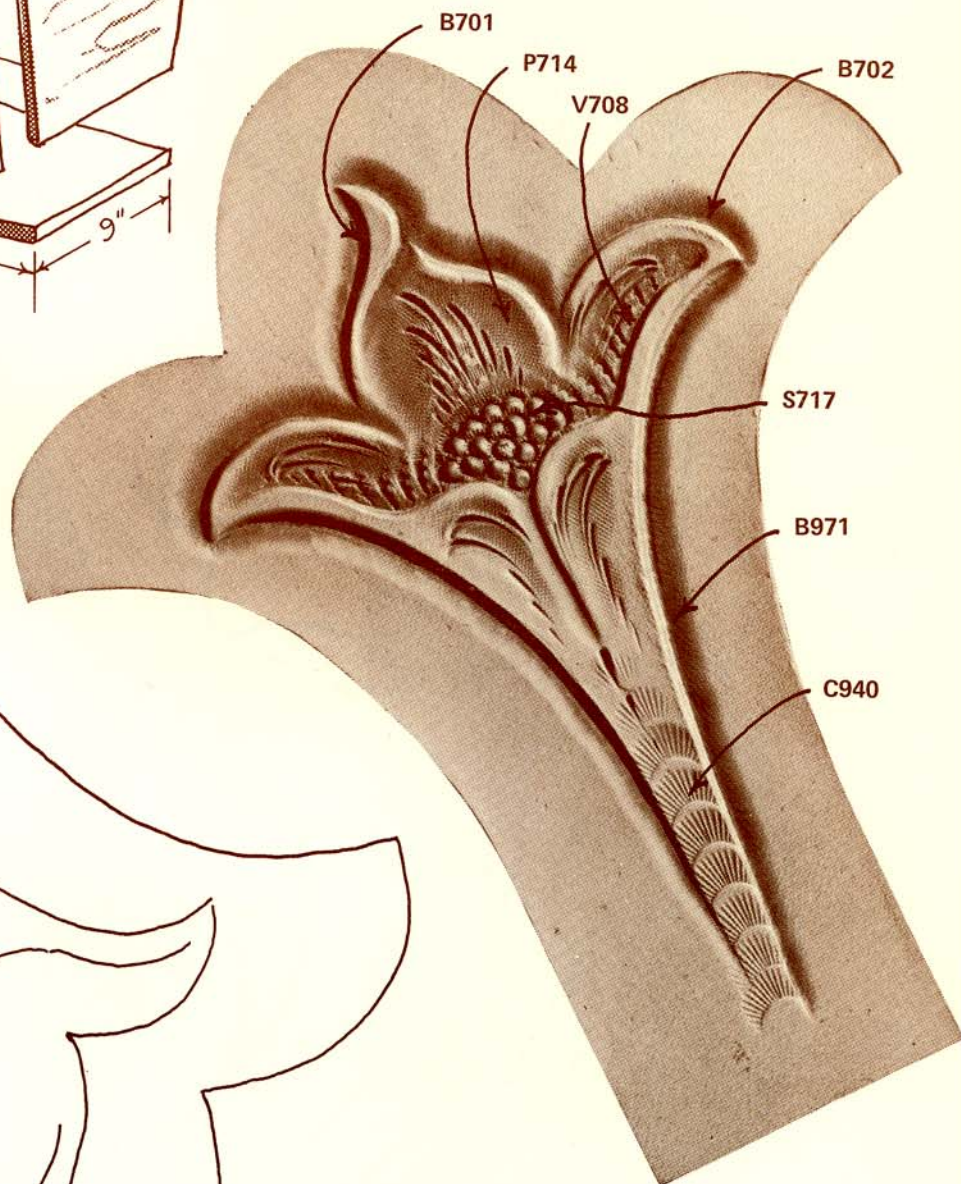
- 2 Cut side pieces to dimensions above from 1/2" pine. Place a center mark and drill two, 1/2" holes 3 3/4" apart.



2 — 1/2" dowels, 15" long.



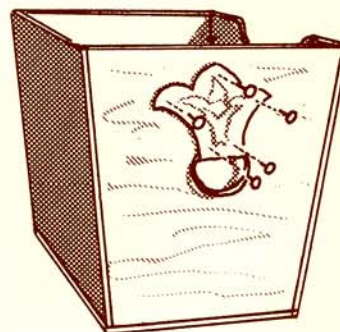
4
Install wood dowels in the drilled holes using cement to secure in place. Cement all pieces together. Place rack upside down on a flat surface to make sure the top is flush. Let dry. File the bottom of each side, front and back piece with a wood file until bottom board fits snug. When the bottom piece fits properly, cement in place and sand entire magazine rack.



LEATHER
TRACING PATTERN

LEATHER PHOTOCARVE PATTERN

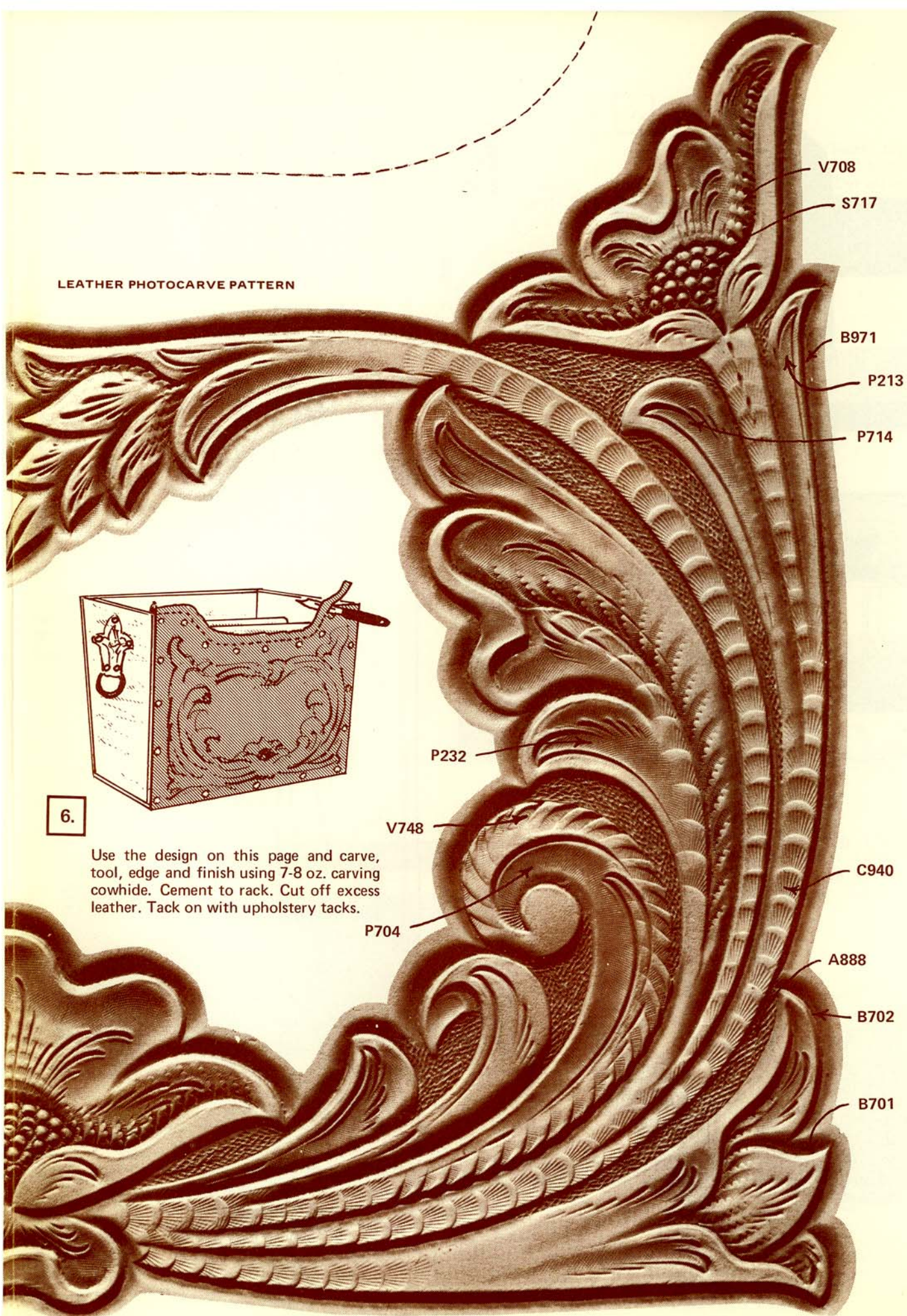
LEATHER TRACING PATTERN



5.

Cut out pattern on previous page from 7-8 oz. carving cowhide. Carve, tool and finish. Slip a 2" ring over the leather as indicated and use upholstery tacks to tack the leather down. NOTE: tack down over wood dowels so dowels will not show.

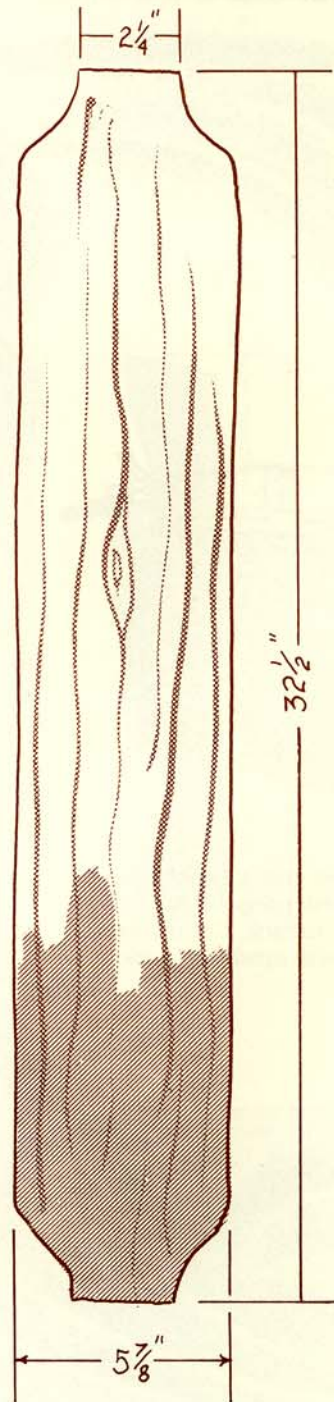
LEATHER PHOTOCARVE PATTERN



6.

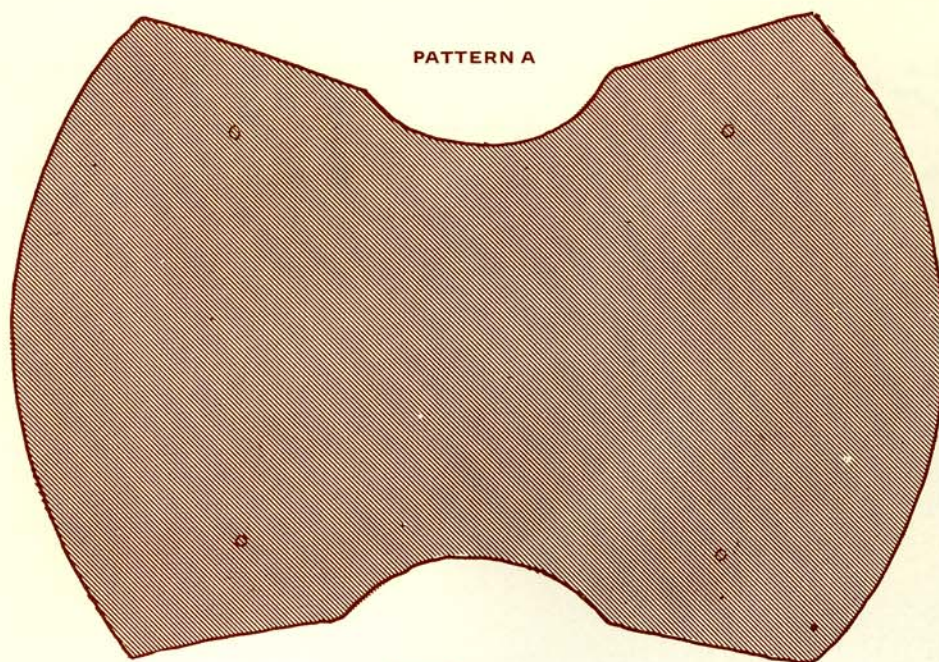
Use the design on this page and carve, tool, edge and finish using 7-8 oz. carving cowhide. Cement to rack. Cut off excess leather. Tack on with upholstery tacks.

WALL MAGAZINE HOLDER

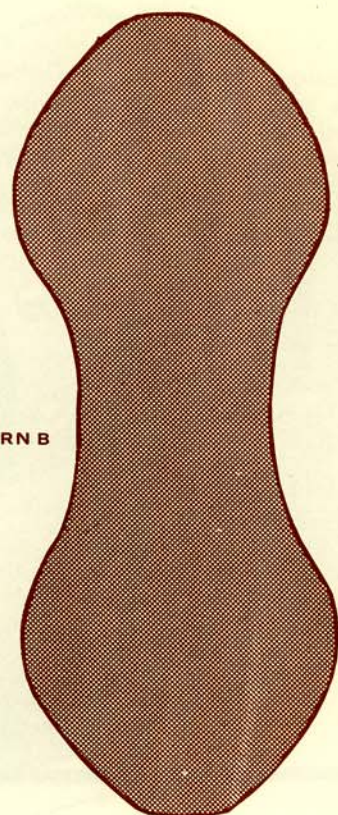


1.

Cut baseboard from 1/2" pine to size indicated in illustration. Sand board smooth and use a dark wood stain to stain it.



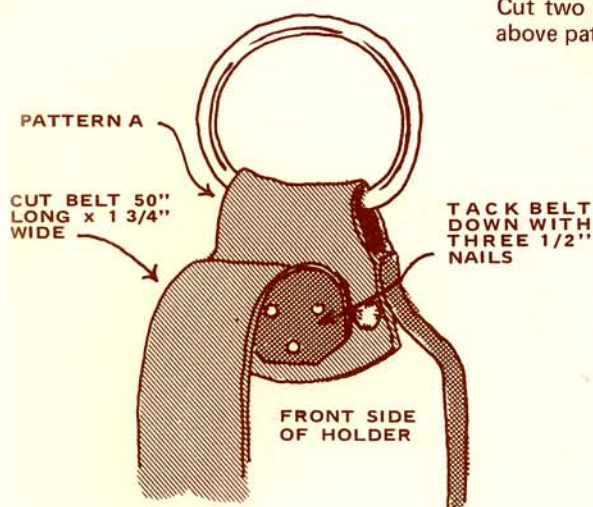
PATTERN A



PATTERN B

2.

Cut two pieces of 7-8 oz. cowhide by the above pattern.



PATTERN A

CUT BELT 50"
LONG x 1 3/4"
WIDE

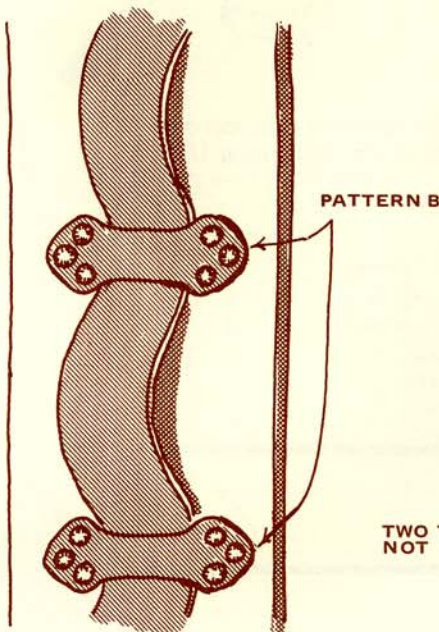
TACK BELT
DOWN WITH
THREE 1/2"
NAILS

FRONT SIDE
OF HOLDER

4.

Cut a leather belt strip 1 3/4" wide and 50" long. Dye all leather pieces before tacking to board. Slip a 2" ring over pattern piece A, and tack down as shown above using upholstery tacks. Use three tacks on the backside.

Nail down leather belt with three 1/2" wire nails as shown above.



PATTERN B

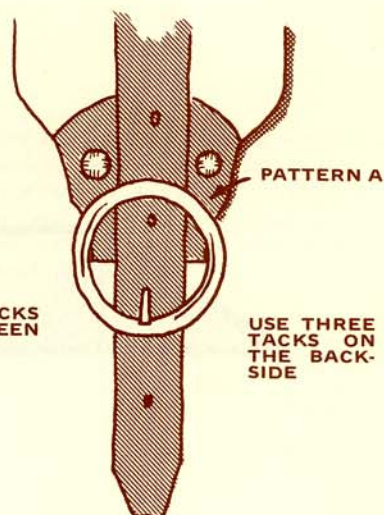
TWO TACKS
NOT SEEN

5.

Measure down 7" from top of board. Find center and place a Pattern B piece. Use six upholstery tacks to tack it in place. Space the other Pattern B pieces 6" from each other and tack down.

6.

Slip a 2" buckle over the second Pattern A piece, then tack to bottom of baseboard as shown above. Use a leather punch and punch adjustment holes in the belt. Place buckle on belt.



PATTERN A

USE THREE
TACKS ON
THE BACK-
SIDE

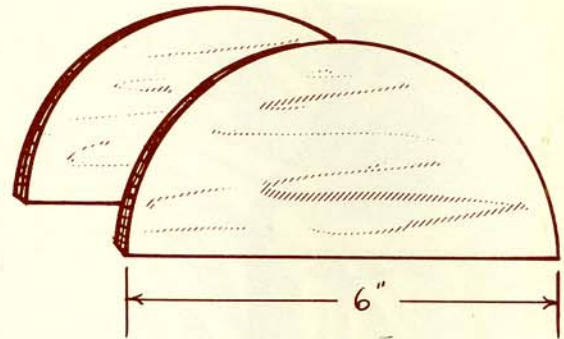
CHEST



A little different slant on making a chest is the slat-topped chest you make with wood and decorate with carved leather and rivets. You will find many uses for this distinctive chest . . . a desk organizer, a recipe holder, a letter box . . . the possibilities are endless.

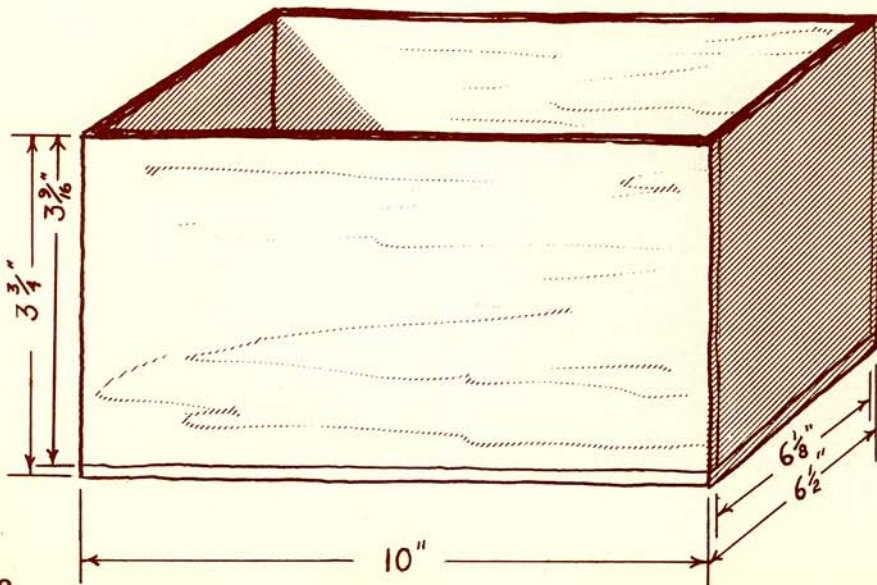
1.

Using the pattern given on the following page, cut out two end pieces for the top of the chest using 1/4" plywood.

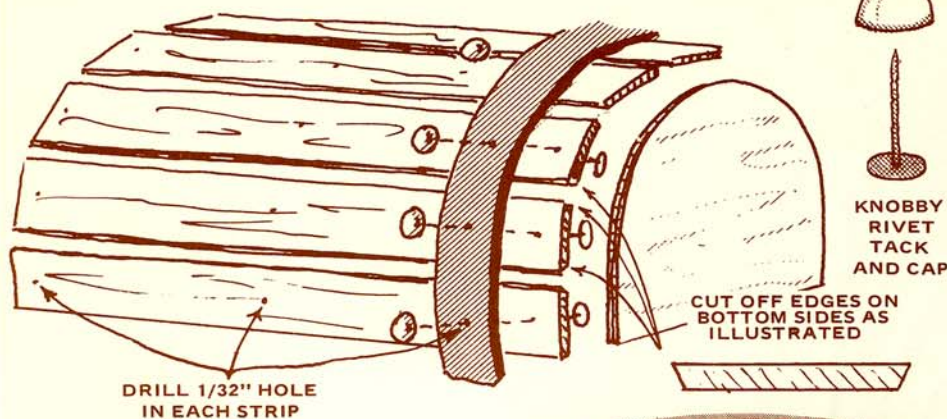


2.

Using 1/4" plywood, cut two side pieces and front and back pieces for the bottom part of the chest. Use patterns on following pages for cutting these pieces. Cut a bottom piece for the box 10" x 6 1/2". Cement all pieces together with contact cement. Sand thoroughly and stain.

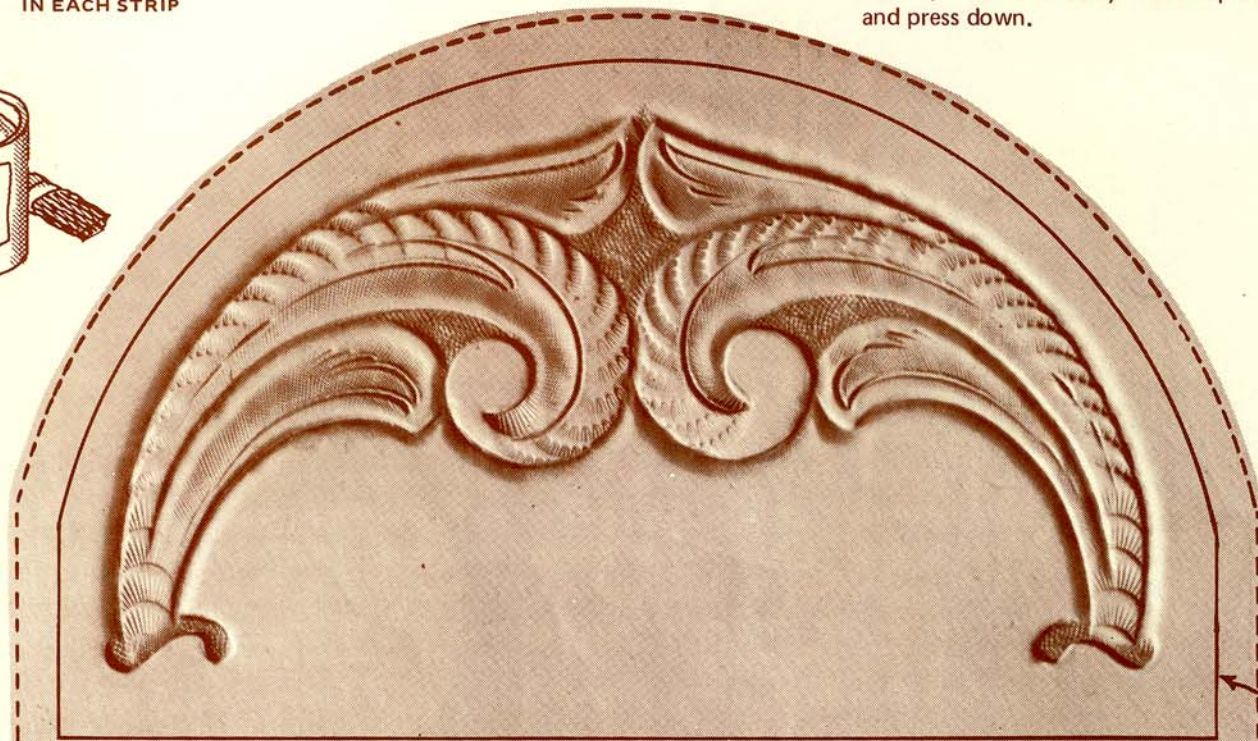


3.

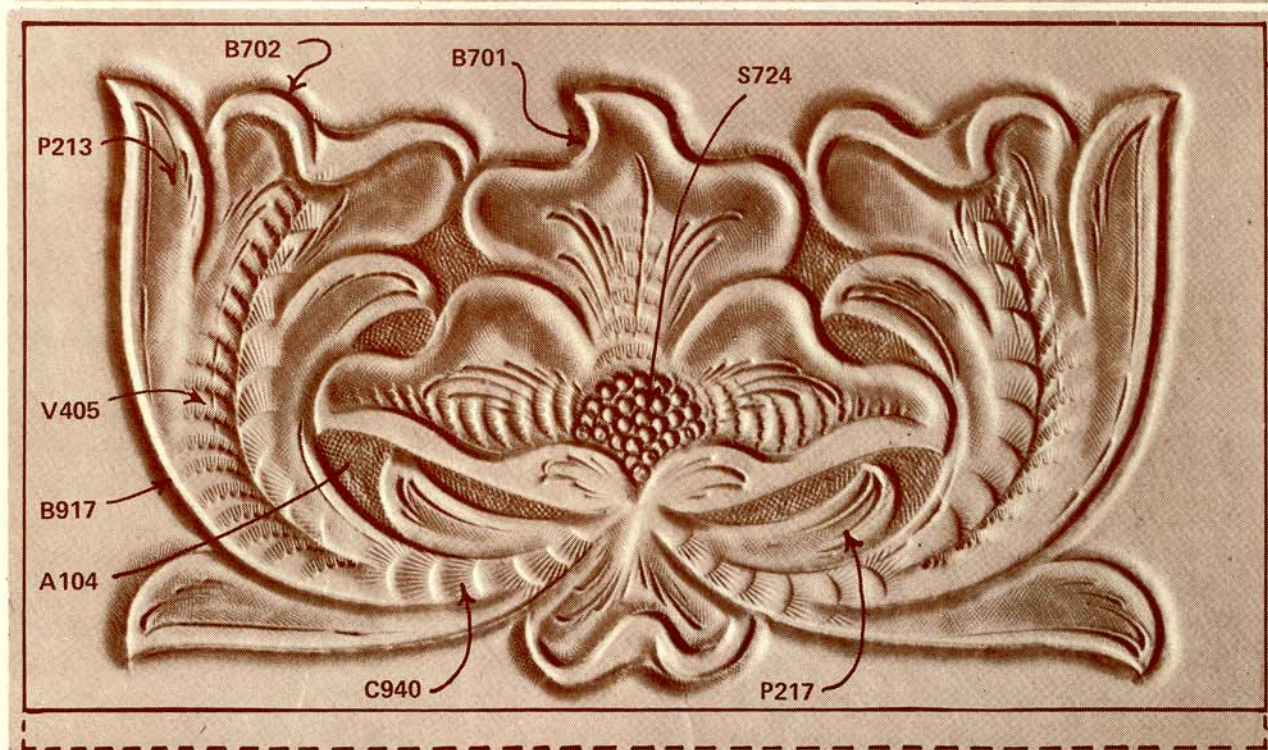


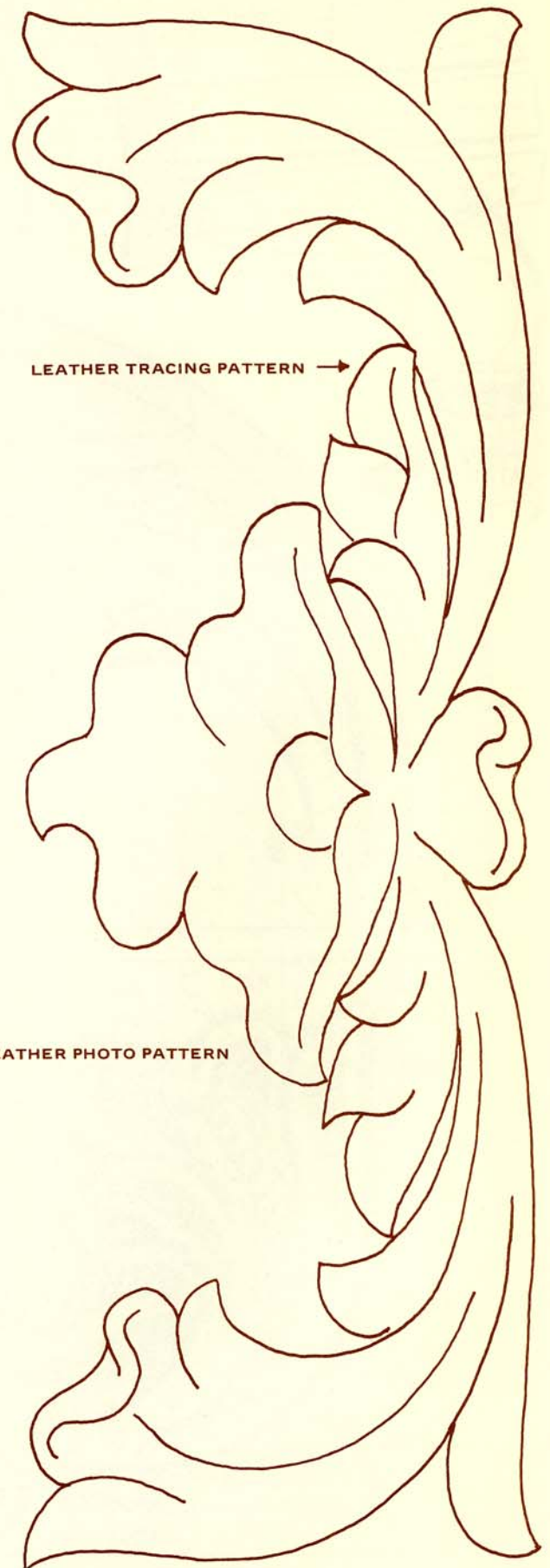
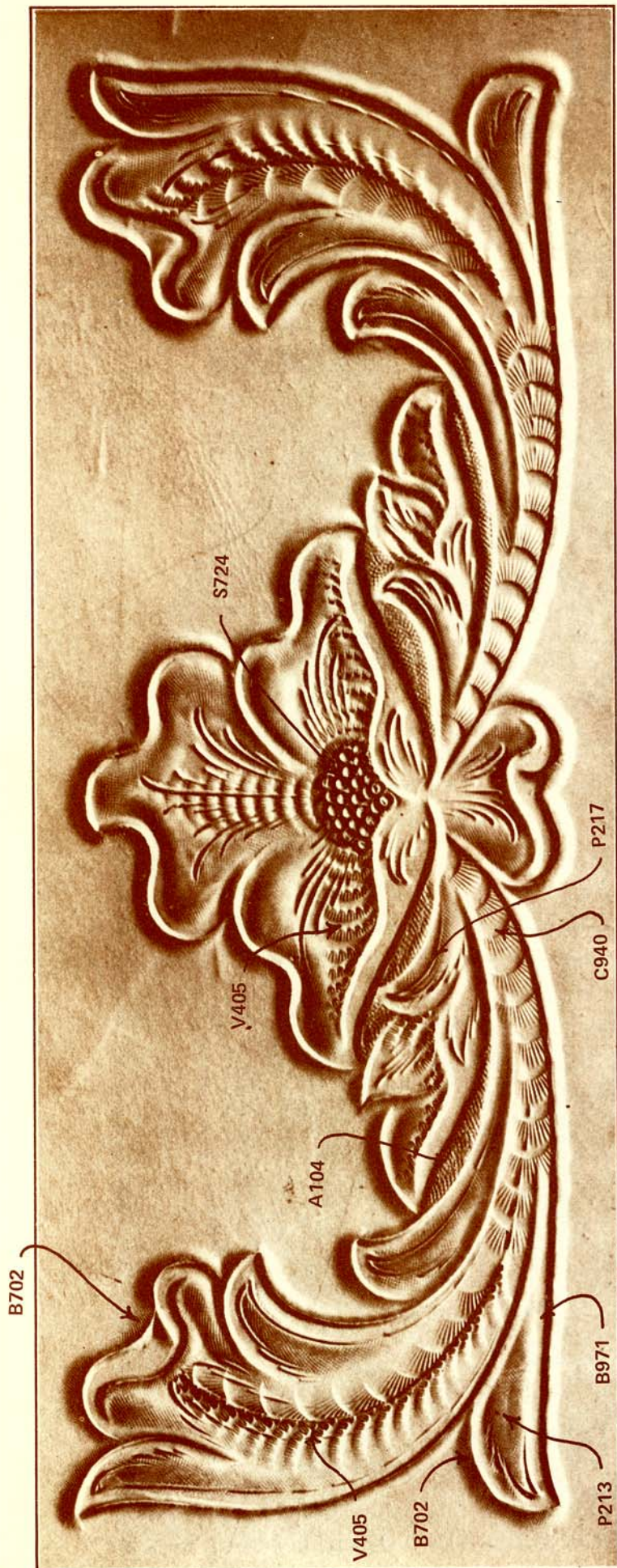
Cut nine strips of wood 1 1/4" wide by 10" long from 1/4" plywood. Cut the back edges at a slight angle on seven of these strips. (This will make the strips fit properly.) Cement strips to end pieces. Sand and stain.

Cut three 7-8 oz. cowhide strips 1" x 12". Dye the leather. Position leather strips as indicated on the illustration. Cement strips down with contact cement. Use a 1/32" drill bit and drill a hole in the center of each leather strip and on through the wood strip. Push a Knobby Rivet tack through each hole. (Push through from the inside.) Place a Knobby Rivet cap on each tack and press down.



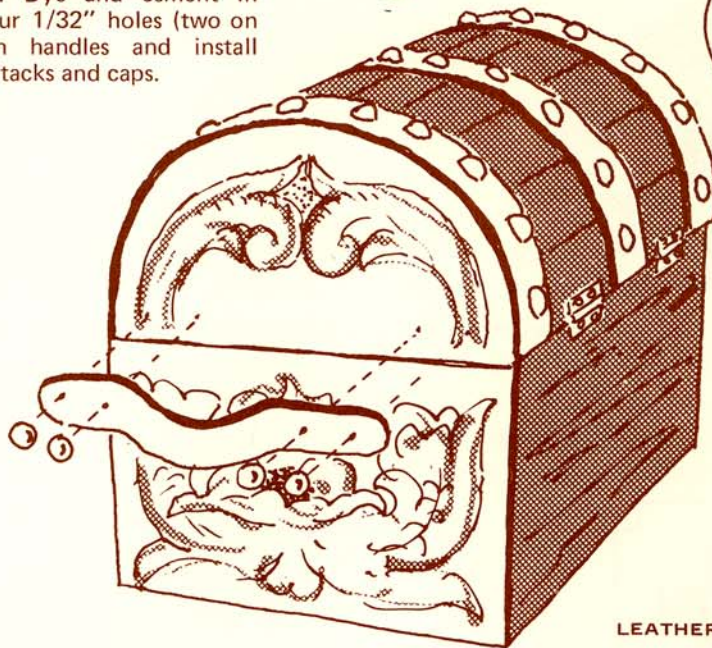
WOOD CUTTING PATTERN



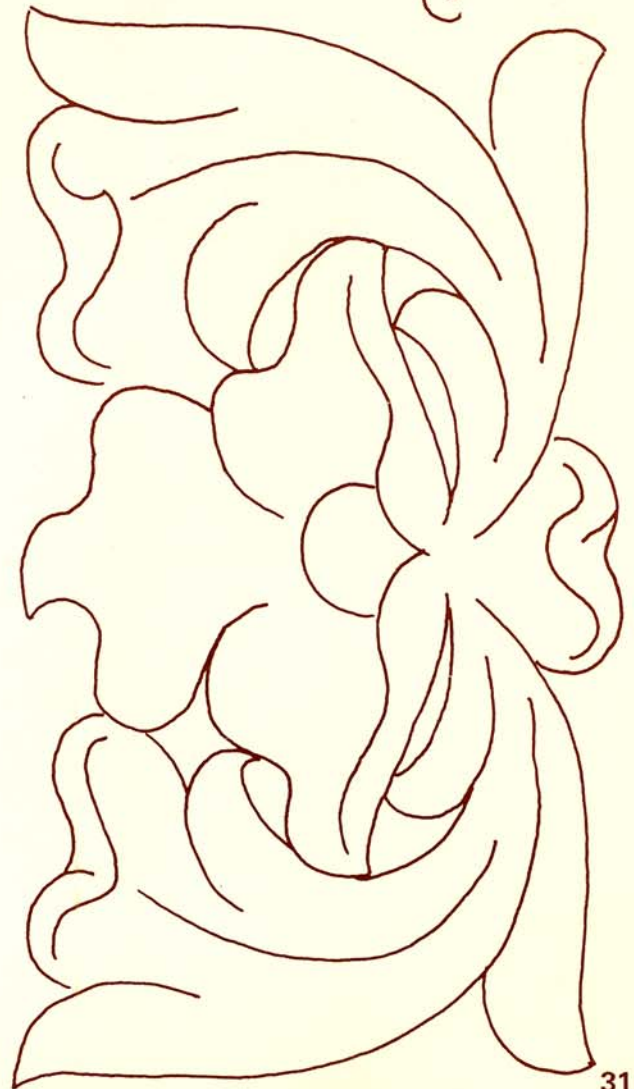
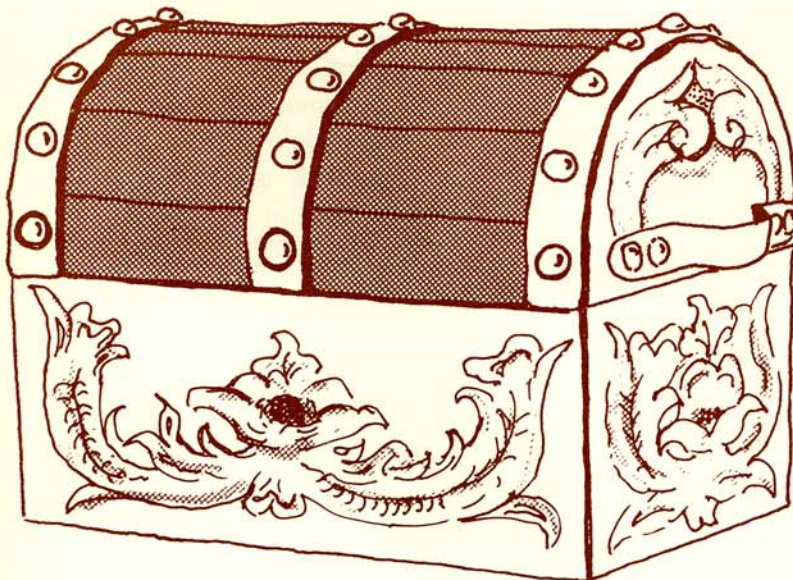


4.

Tool all leather pieces, cut to size, bevel edges and dye. Cement leather to wood. Trim off excess leather with a sharp knife. Install two 1 1/4" hinges. Cut two 7-8 oz. cowhide handles 1" x 5" with rounded ends. Dye and cement in place. Drill four 1/32" holes (two on each side) in handles and install Knobby Rivet tacks and caps.

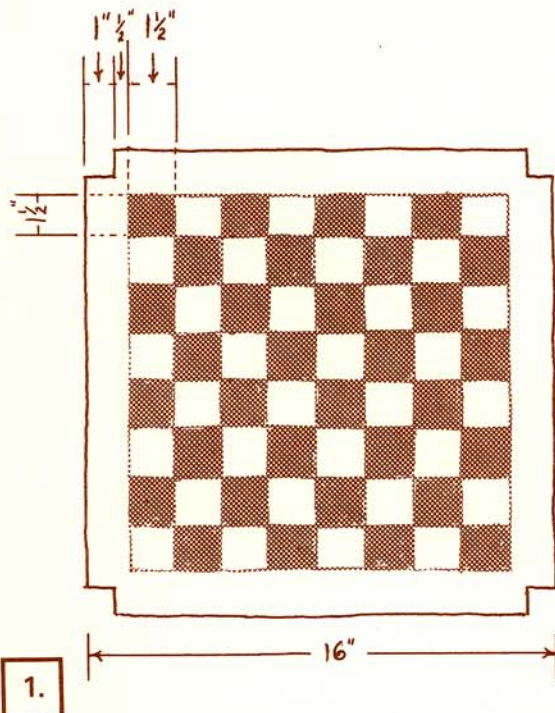
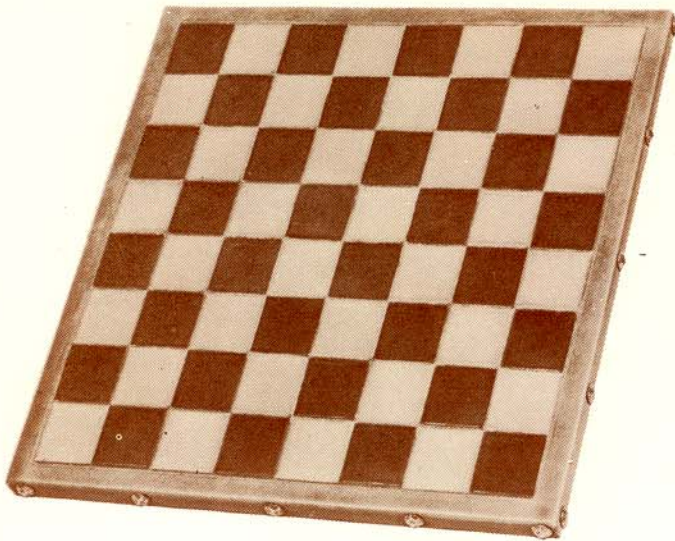


LEATHER TRACING PATTERN

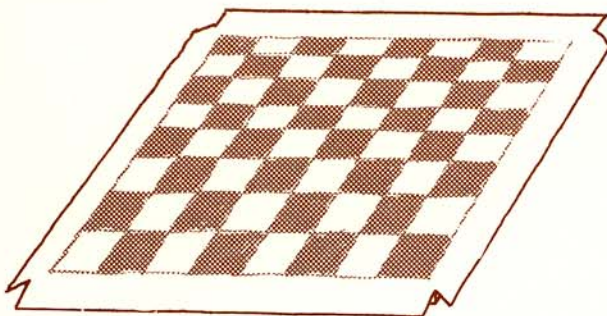


CHECKER/ CHESSBOARD

A handy addition to your leisure time equipment is this sturdy wood and leather checker and chessboard. No tipping or accidental folding with this board you make yourself using 3/4" plywood and cowhide. Make one for yourself or give as gifts — your checker and chess playing friends will be delighted with their very own leather and wood checker/chessboard.

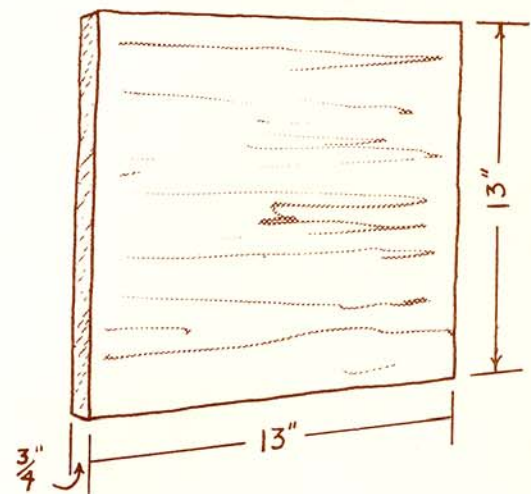


1. Use 3-4 oz. cowhide. Measure off lines as indicated. Using a swivel knife, cut around all squares. Stain entire piece of cowhide with light brown Omega dye. Then use dark brown Omega dye for the dark squares.



3.

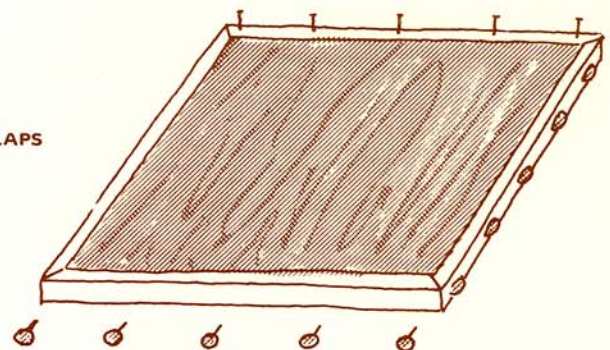
Glue flesh side of leather and board top. Align carefully and press together.



2.

Cut a piece of 3/4" plywood to the measurements given above. Sand the bottom only and stain if desired.

SIDE FLAPS



4.

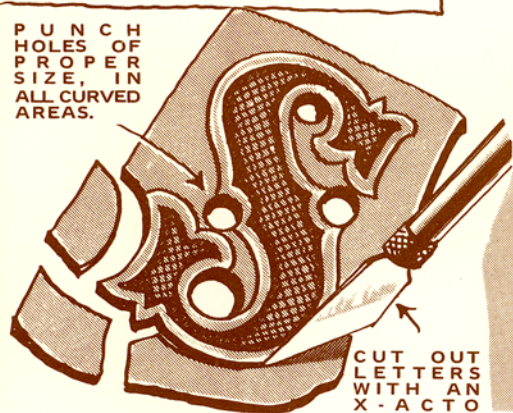
Turn the board upside down and glue the inside of side flaps to the side and bottom of the board. Use upholstery tacks to tack all four sides. Tack bottom flaps to the board with 1/4" nails.

* ALPHABET

CUT FROM 4/5 oz. LEATHER

This alphabet is presented to aid in "personalizing" your projects. They are very effective when carved and stamped, dyed, cut-out . . . and glued to projects. If carved and stamped, it is suggested they be cemented to cardboard to prevent stretch. Coat all edges with dye and/or leathercraft finish. A few decorative ideas are shown below.

PUNCH HOLES OF PROPER SIZE, IN ALL CURVED AREAS.



CUT OUT LETTERS WITH AN X-ACTO KNIFE.

