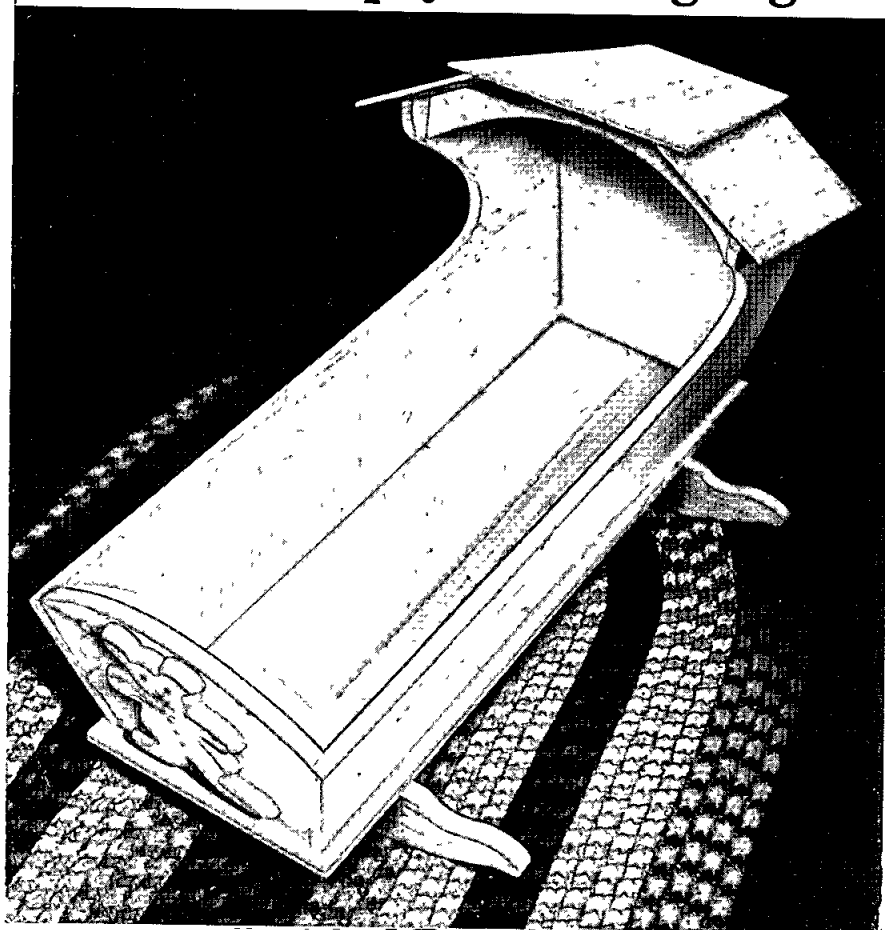


How to make a cradle

STANLEY helps you do things right.



Here's a colonial cradle that's easy to make. It is a simple, inexpensive, five step operation. Two pine boards, about ten hand tools, and an electric drill are all you need.

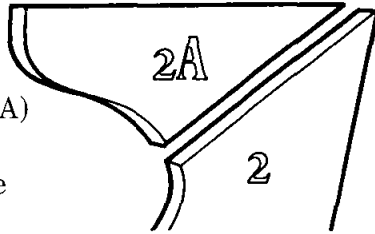
What you need.

- 2 8 ft. x 1 ft. pine boards (1/2-inch thickness). †See note.
- Crosscut saw and coping saw for cutting out pieces.
- Surform® tools and sand paper for shaping and sanding.
- Screw-Sink™ tools (#04-701 & 04-704) and plug cutters (#04-721 & 04-722) for drilling screw holes and cutting wood plugs.
- Bit Brace.
- Yankee® Spiral Ratchet Screwdriver.
- 4 #8 1-inch screws (for rockers).
- Wood Clamps or Web Clamps.
- 30 #6 3/4-inch screws for everything but rockers.

Putting the preliminary pieces together.

Most of the pieces of the cradle can be cut out of one pine board or the other. However, since the headboard (1) and two side boards (2 & 3) are wider than a foot in width, it is necessary to glue two pieces of pine board together (1A, 2A & 3A).

Note: Use wood clamps or web clamps to secure them while the glue is drying.

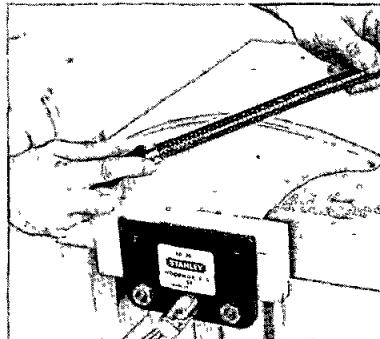


Follow the grid plan.

By measuring off (and pencilling in) the two pine boards in one inch grids, you'll get a blow-up of the enclosed grid plan with one grid on the diagram equaling one grid on the pine boards. Following the grid plan, draw out the individual pieces needed for assembling the cradle.

Sawing and smoothing.

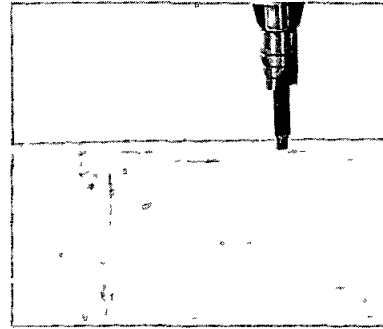
Cut out all the pieces. Use the coping saw for curved cuts. Next, use the Surform Round File and Shaver to smooth down the edges of each piece. Now round off the edge of the rockers.



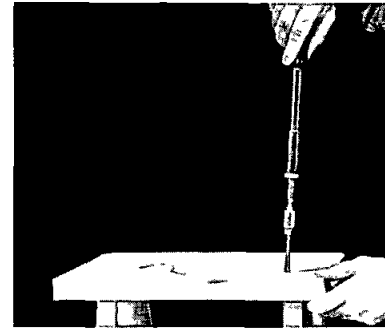
ROUND SURFORM® used for smoothing internal curves. Hold the tool at a slight angle to the work as shown above.

Assembling the pieces.

Before assembling any of the pieces, make sure all screw holes are countersunk (using Screw-Sink tools in electric drill). After countersinking, attach the rockers (4 & 5) to the

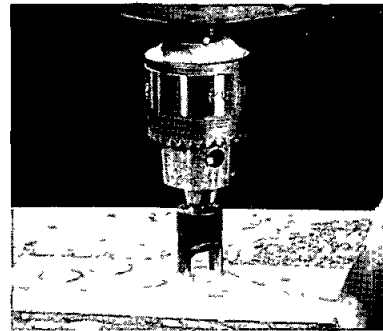


SCREW-SINK™ (made in 12 sizes) drills a pilot hole, countersinks and makes a hole for a plug in one easy operation.

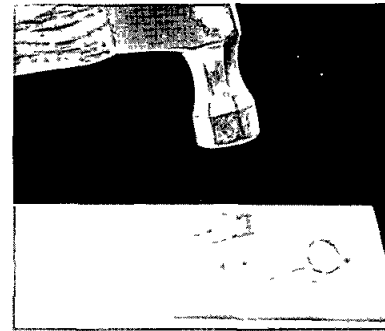


SPIRAL RATCHET™ screwdrivers speed up screw driving. Pushing down on handle drives and removes screws as well.

bottom piece of wood (6), using a Yankee spiral ratchet screwdriver or regular screwdriver. Screw the headboard (1A) to one side board (2A), now do the same with the footboard (7) and the remaining side (3A). Secure the two sections together. Note: After attaching all pieces, plug the recessed screw holes (using the plug cutter). Now turn the cradle upside down on a pair of saw horses.



PLUG CUTTER mounted in a drill press is used to cut the plugs for concealing roundhead or flathead screws.

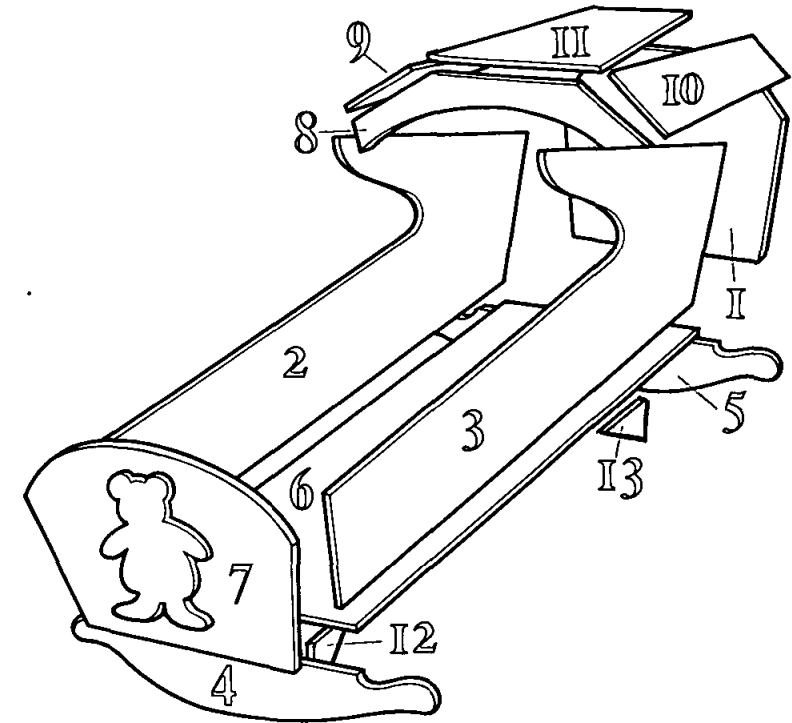


DRIVE PLUGS part way in hole, dab with glue, place block of wood over plug so plug won't be driven too deep.

Attach the bottom pieces (rockers and bottom board) to the body of the cradle. Glue support blocks at right angles to upper inside edge and rockers for extra stability and support (12 & 13).

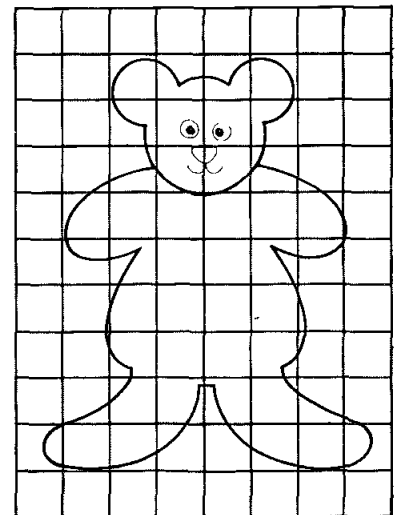
Turn the assembled piece over and screw the overhead brace (8) to it as indicated in the drawing. Now attach one side cover (9) to the assembled headboard and brace (1A & 8); follow by attaching the other side cover (10) to the headboard and brace as well. Finally, position and attach the top cover (11) to the side covers. You now have your completed cradle and you're ready for your finishing touches.

†Lumber should be kept in cool place prior to work. Bring inside to cut, sand and assemble.

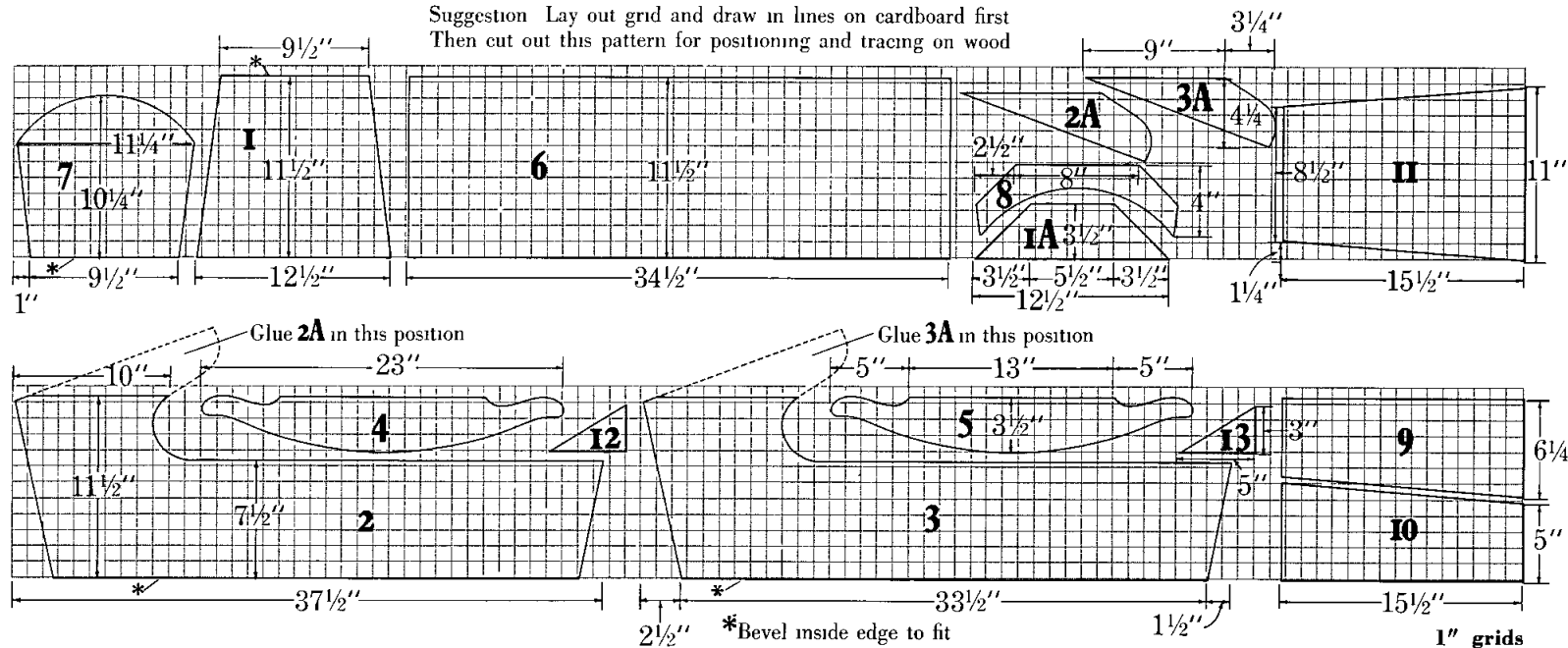


Finishing and sanding the cradle.

Sand entire cradle with medium coarse, fine and very fine grades of sand paper until all surfaces are smooth. There are two ways recommended for finishing the wood. 1 To bring out the natural grain, first apply light maple stain, and let dry. Then buff with steel wool, and finally, wax the whole cradle thoroughly. 2 Or paint the cradle the desired color with a lead-free paint. For a final decorative flourish, use the grid plan for the teddy bear, and attach to the head or foot of the cradle.



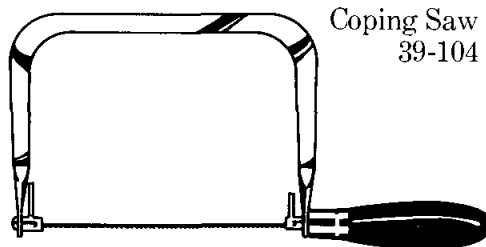
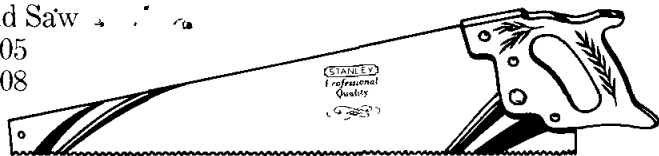
Suggestion Lay out grid and draw in lines on cardboard first
Then cut out this pattern for positioning and tracing on wood



Hand Saw

39-105

39-108



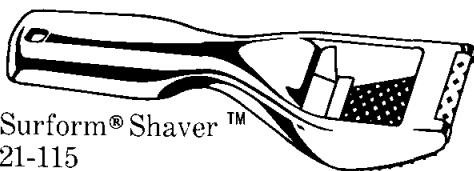
Coping Saw

39-104

Plug Cutter

04-721

04-722



Surform® Shaver™

21-115

Screw-Sink™

04-701

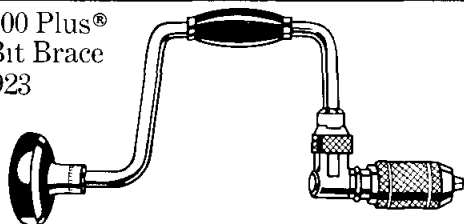
04-704



100 Plus®

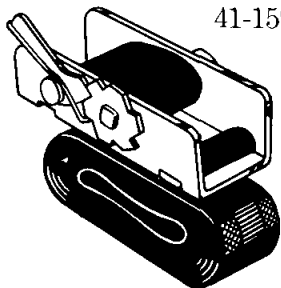
Bit Brace

923



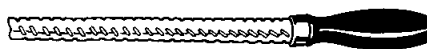
Heavy Duty Web Clamp

41-159



Surform® Round File

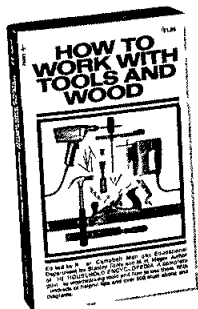
297



Yankee® Spiral Ratchet™

Screwdriver

30



"How to Work with Tools and Wood" is a 488-page fully-illustrated paperback book which shows you how to handle tools and wood-working projects like a pro To order, send \$1.95 with your name and address to Stanley Tools, Dept P1, New Britain, Connecticut 06050.

STANLEY

helps you do things right.