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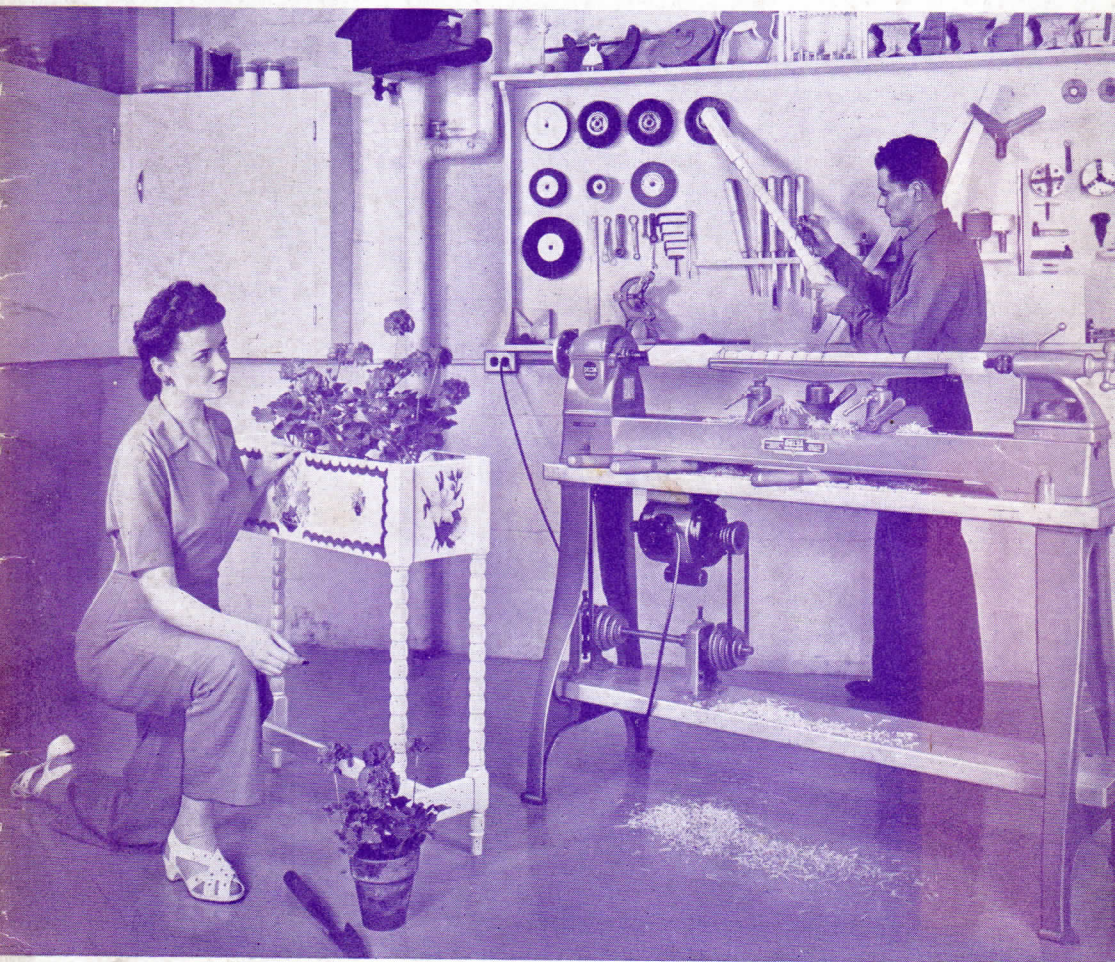
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THE DELTA GRAM

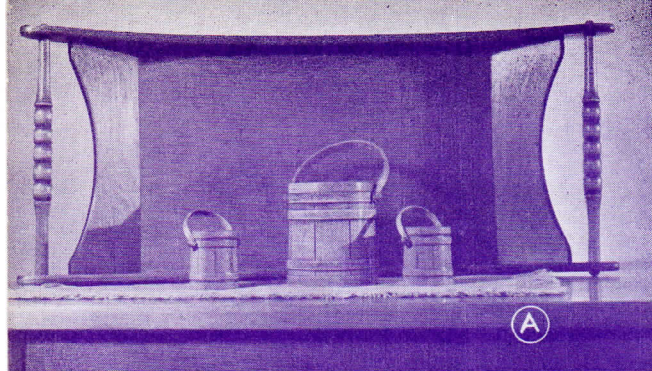
VOL. 13, No. 4

MARCH-APRIL, 1944

TEN CENTS



- ★ FERNERY for Your Indoor FLOWERS
- ★ Compact CHECKER GAME ★ DESIGNS
- ★ BIRD HOUSE PLANS ★ TURNINGS
- ★ EASTER TOYS ★ SMOKING STAND



With DELTA CRAFTERS

☆ (A) ☆ The serving tray was made from plans taken from our project book No. 6. Mr. Lustenader used maple wood and finished it in Cape Cod maple. He has made forty sets of the sugar bucket and salt and pepper containers. He's an ironworker by trade, but likes to work in wood as a hobby. Some of the projects recently completed by Mr. Lustenader are a maple bed room suite, a console table, a wing chair and sewing cabinet.

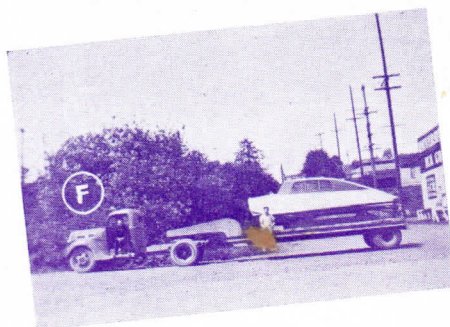
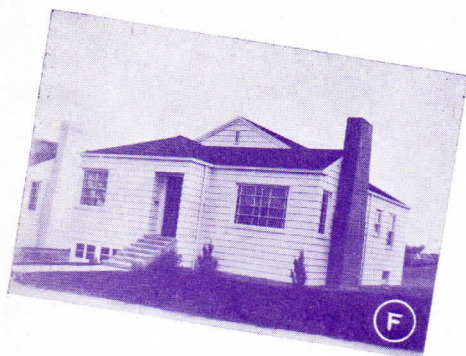
☆ (B) ☆ This fine mahogany guitar comes from the workshop of Mr. Lafaye from way down in Puerto Rico. His daughter Ana, holding the guitar, looks quite pleased with it.—Who wouldn't?

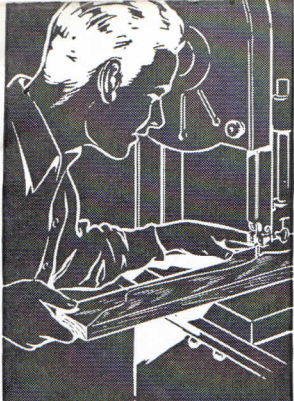
☆ (C) ☆ Mr. Baker of St. Louis, Mo., made his own design of the walnut table and stool shown in the photo. The table top is plate glass and the shelf is brown presdwood.

☆ (D) ☆ The two views shown of the radio cabinet was built in the shop of Willard S. Sprague of Middle Village Long Island, New York. The material is solid mahogany throughout with rosewood overlays on the corners and border around the top lid. The compartment next to the radio has a drawer which contains the phonograph.

☆ (E) ☆ Birds eye maple makes some beautiful furniture as you can see from the photo Mr. Mariel of Rumorski, Quebec, Canada, sent up. Mr. Mariel is especially proud of the finish on the pieces he has made. The picture of the squirrels is inlaid from different kinds of wood.

☆ (F) ☆ With the aid of Delta tools, Mr. Knutson of Seattle, Washington, made this dandy runabout which is ready for a tryout. His Delta equipment also played an important part in constructing 50 homes similar to the one in the photograph.





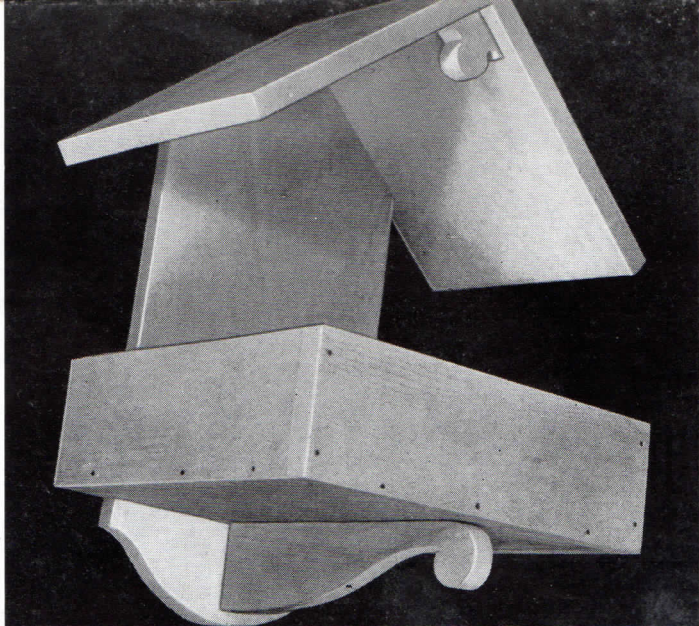
THE DELTA GRAM

A Magazine for
CRAFTSMEN

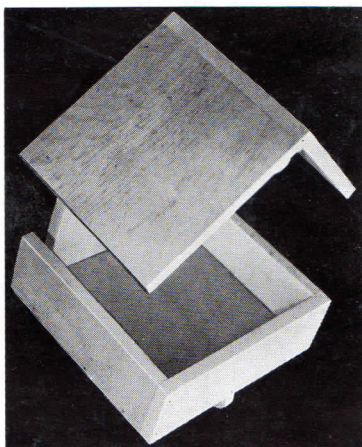
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Edited by
AL. WOOD

Vol. 13 March-April, 1944 No. 4

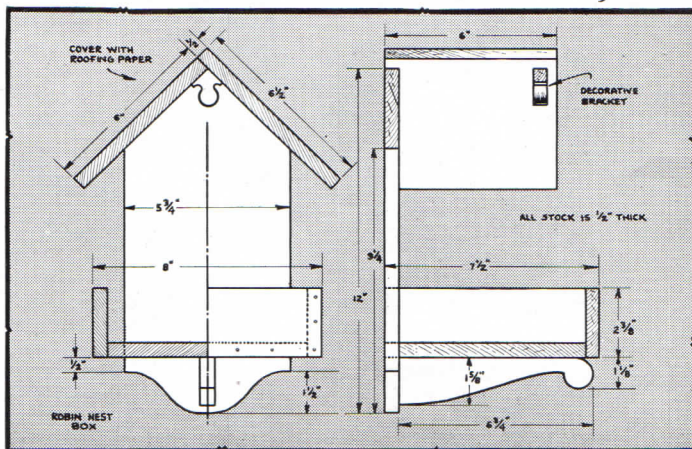
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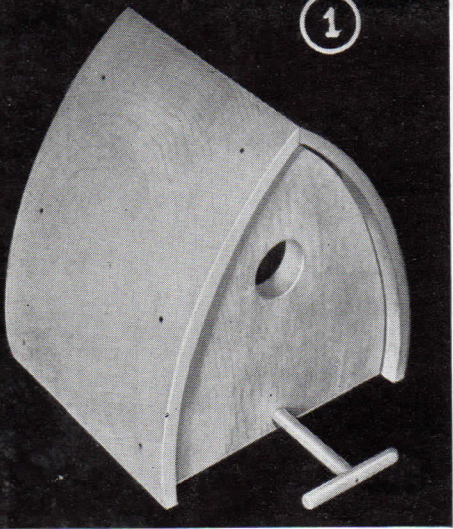
ROBIN NEST BOX



☆ A SIMPLE but comfortable nest box that Mrs. Robin will welcome. The entire box is made from $\frac{1}{2}$ inch pine or cypress. Two coats of exterior paint to match either the house or garage and the roof covered with a piece of tar paper will finish the project. Be sure to set the box high enough so the birds will not be annoyed by some pesty cats.



1



2



WREN HOUSE

☆ THE restless little house wren will be sure to stop and take notice of this odd design home. Outside of the roof which is band sawed from 1 1/8 inch stock, similar to the shape shown in the drawing, the front, back, and bottom are made from 1/2 inch material. One or two coats of creosote or dark brown exterior paint is best suited for a wren house. Insert a screw eye in the top ridge and hang in a tree about eight feet from the ground.

Photo No. 2 shows the bottom closed. Note position of "L" screws.

☆ ☆ ☆

3

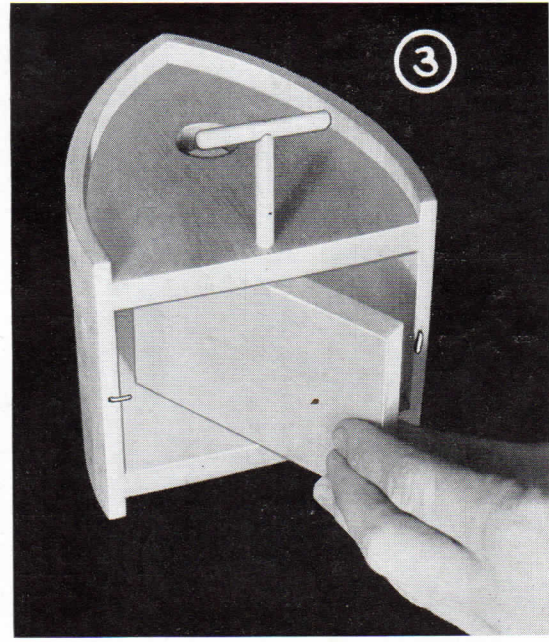
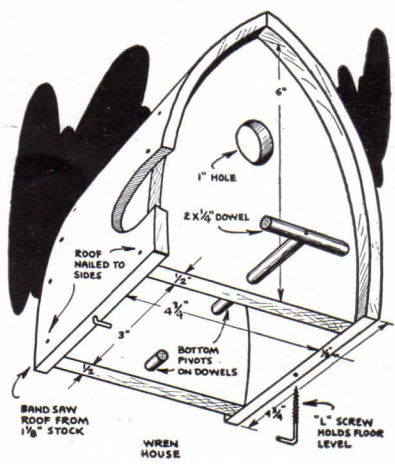
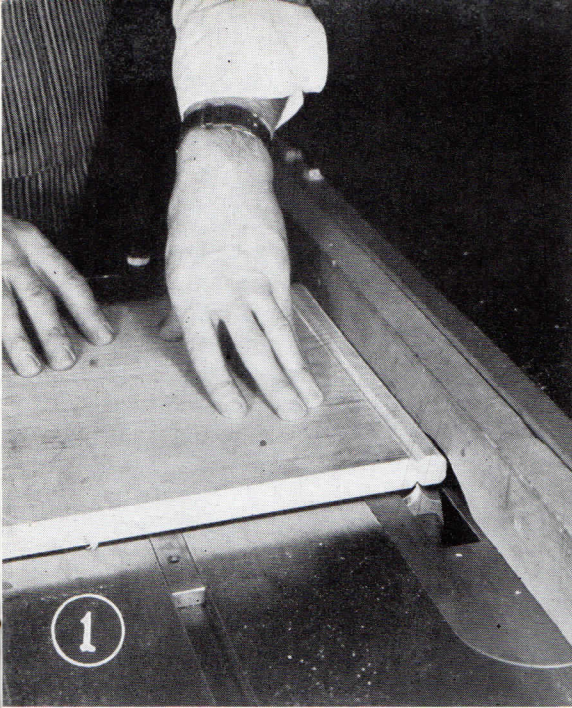


Photo No. 3 shows bottom partly opened for easy cleaning. By simply turning one "L" screw a quarter turn, the bottom will open, this is pivoted on the 1/4 inch dowels shown in the drawing.

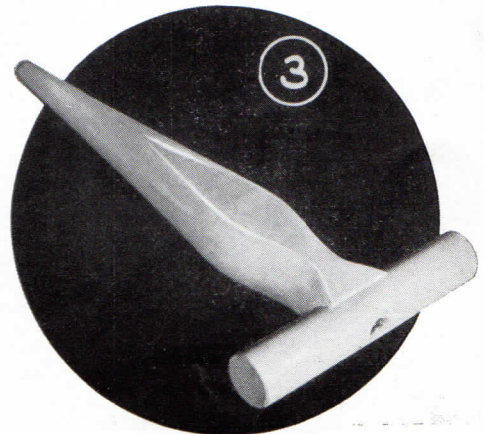
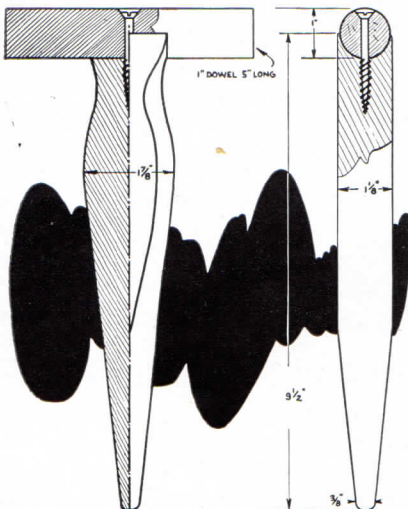
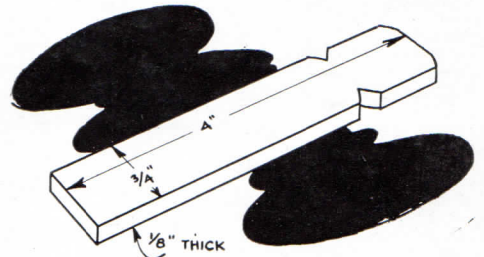


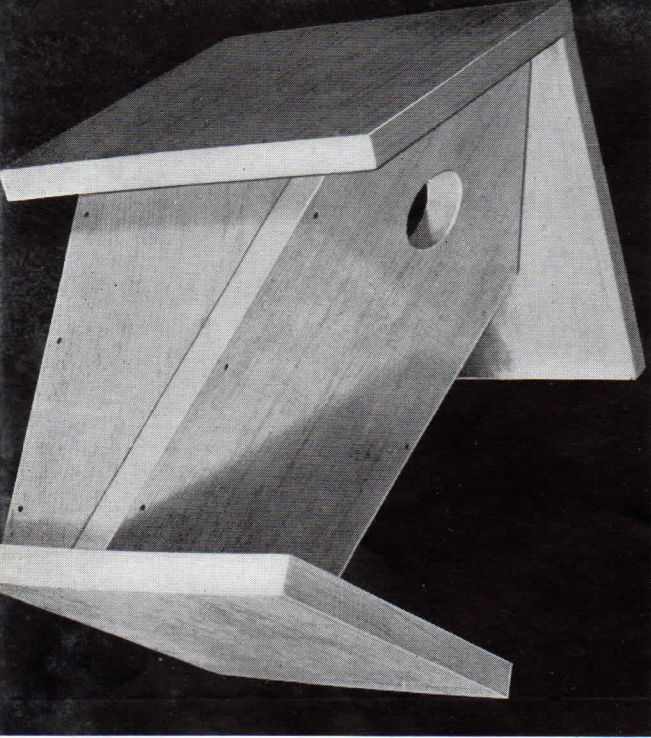


GARDENING AIDS

☆ PHOTOS No. 1 and No. 2 illustrate an easy method of notching and cutting off the pieces from a wide board for making the popular shrub and tree markers used by many gardeners. Photo No. 3 shows a very handy transplanter. The stem is turned from $1\frac{1}{8}$ x $1\frac{1}{8}$ inch maple. Raw oil followed with a coat of varnish will keep this tool in good condition for many years.

The above photo shows how a block of wood fastened to the rip fence is used in cutting the pieces to the same width.

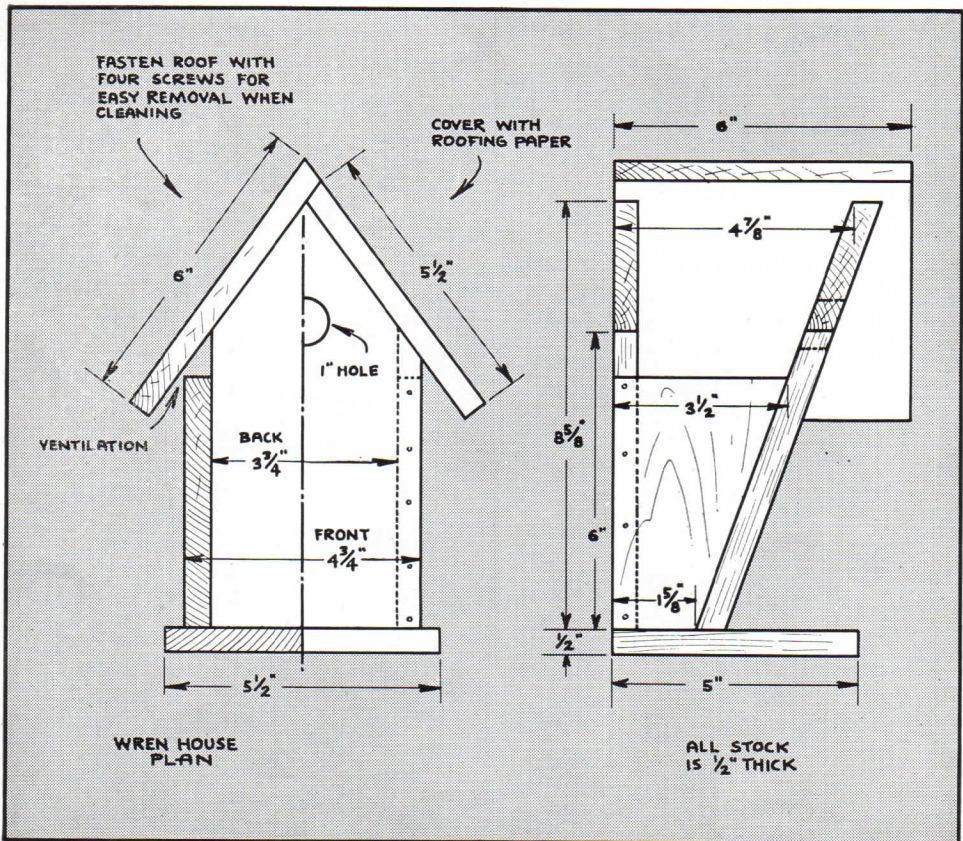




WREN HOUSE

NUMBER TWO

☆ THIS wren house is a little different from the usual design in that the front is tilted at an angle (see photo and drawing). To cut the proper angle of the front piece, fasten the sides to the back and hold the front piece against the sides and square off from the back. Finish with creosote or brown exterior paint. Hang loose from a tree or fasten to a clothes line post or garage. For cleaning, the back could be hinged on the bottom board and held shut with an "L" screw fastened to the roof board.

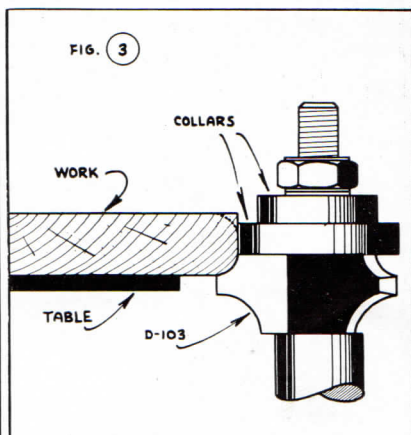
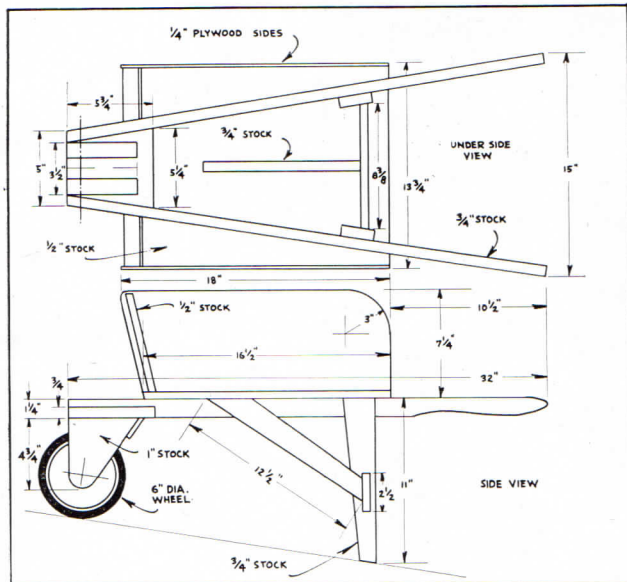
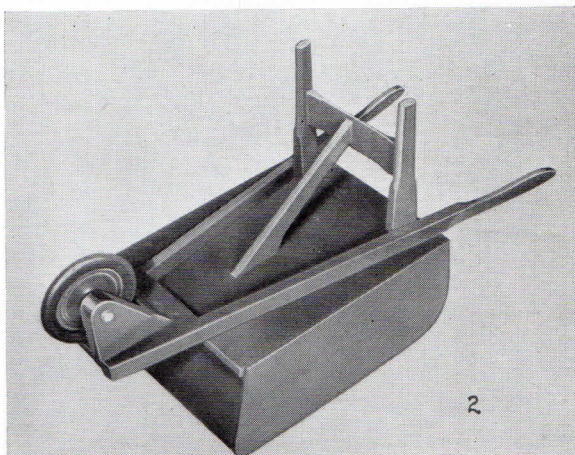
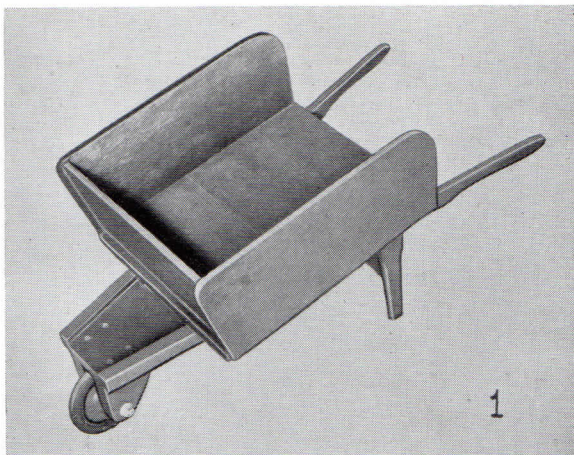


☆ ONE of the most appreciated toys for children of all ages, is the wheelbarrow. The one shown here is sturdy and easy to construct.

The wheel is an odd one left over from a pre-war coaster wagon but a wooden one may be substituted.

Most of the assembly is done with screws and glue. A 4½" bolt is used for the axle.

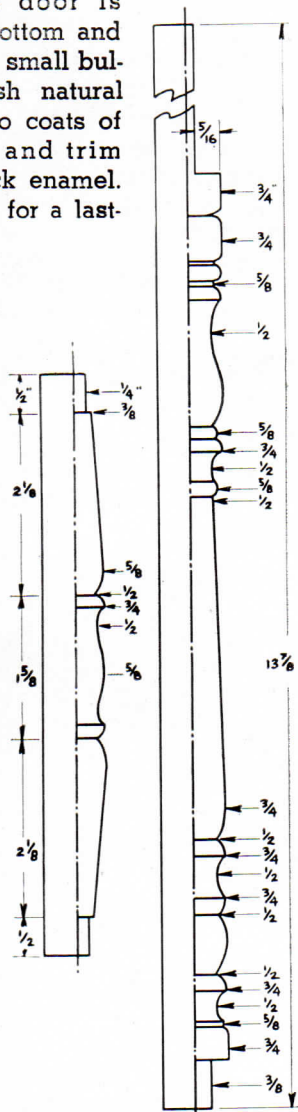
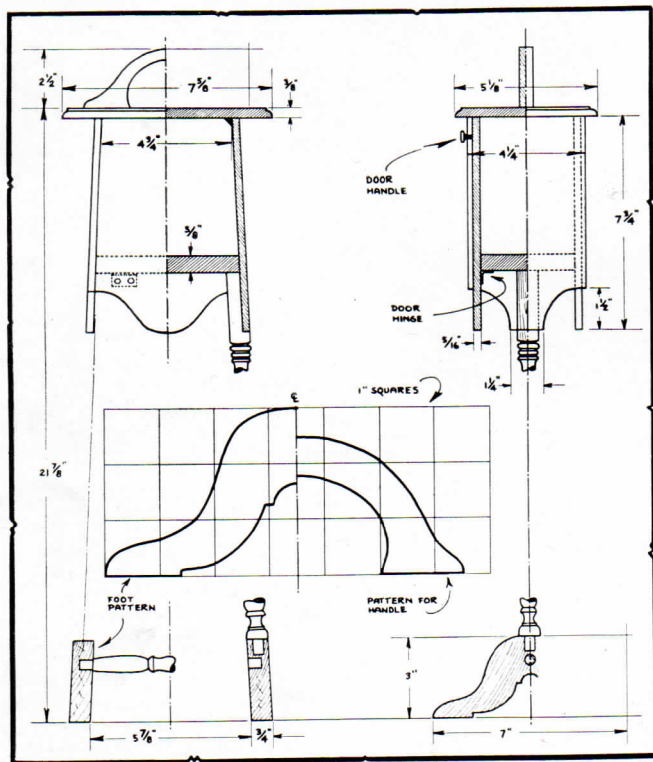
The wheelbarrow was painted bright green and trimmed with cream stripes.

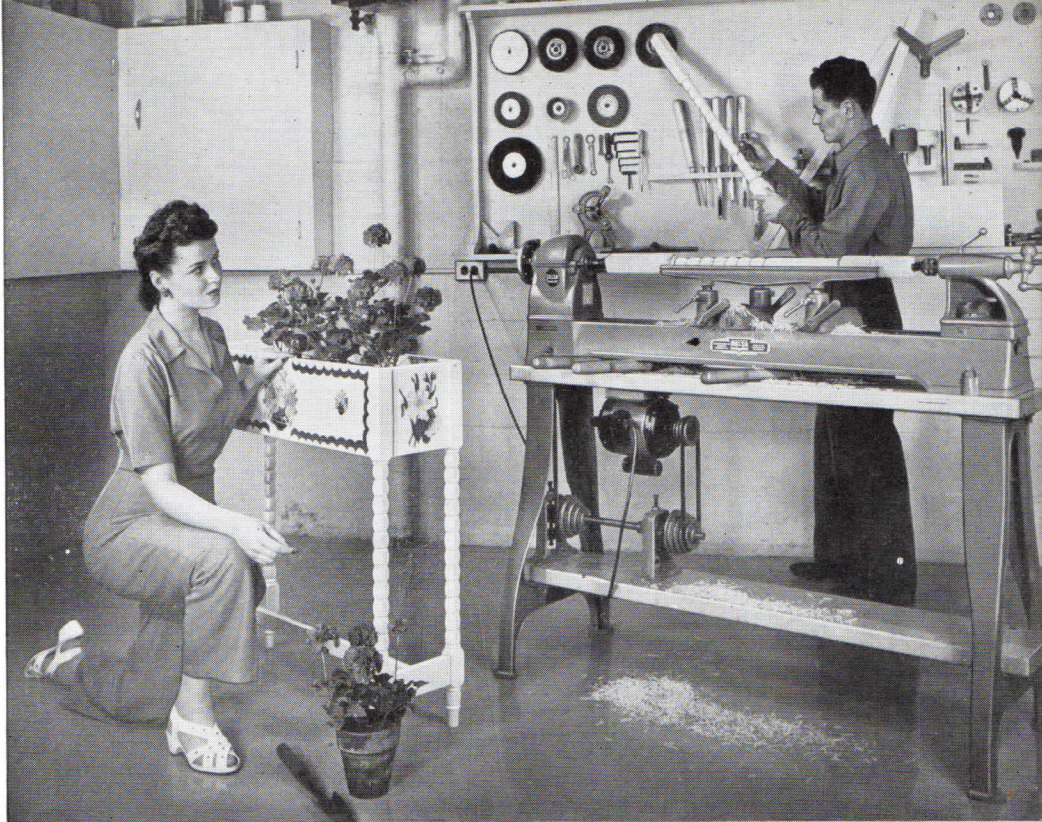


The shaper set-up above is used to half-round the edge of various parts as shown in the photos. Use the Delta 3-wing shaper cutter D-103. Always make the cut from the underside whenever possible.

A black and white photograph of a small, ornate wooden side table with a curved top and decorative legs, positioned next to a large, upholstered armchair. The table has a small, round, light-colored object (possibly a clock face or mirror) on its front panel. The chair has a dark, textured fabric and a white, knitted blanket draped over its backrest. The floor is covered with a patterned rug.

A design or stencil can be added as shown in the photo. Counterbore the top to fit a 2½ inch glass ash tray.





FERNERY

for your

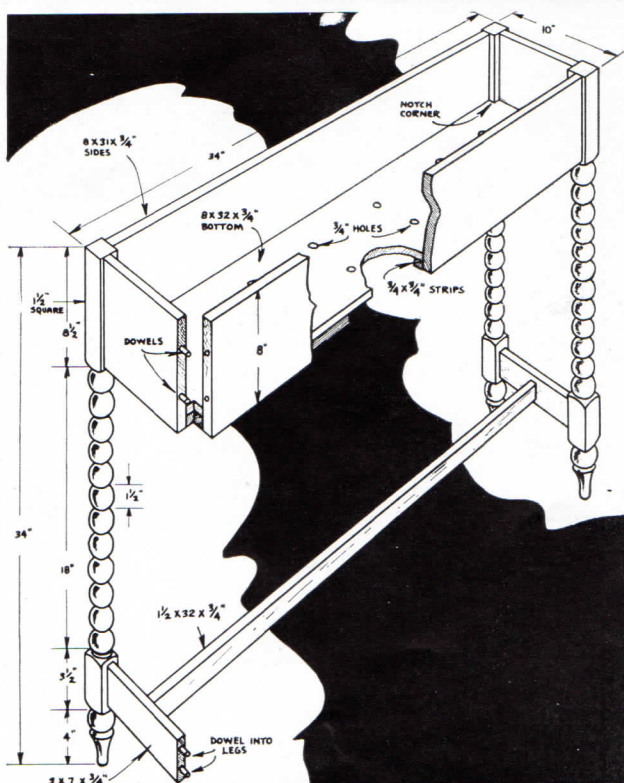
INDOOR FLOWERS

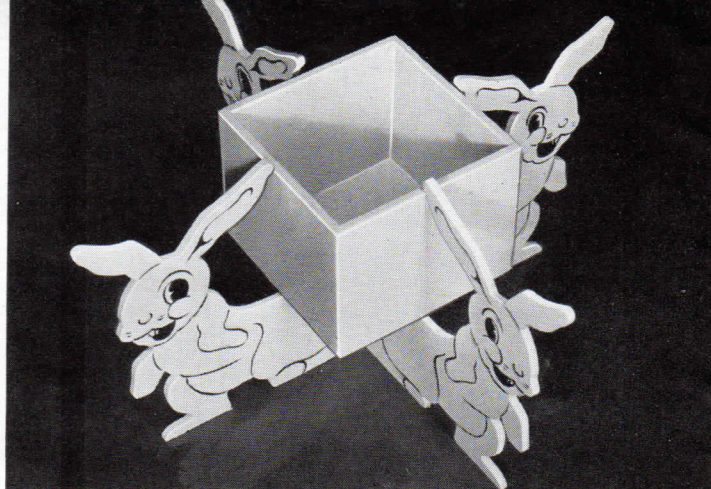
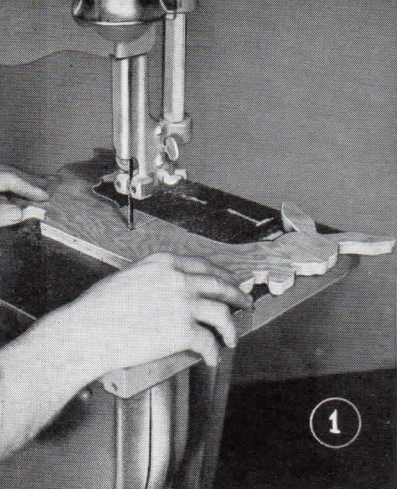
☆ A USEFUL and attractive project for the lady of the house. This fernery is just what you've been looking for to hold those potted plants which are not hardy enough to set out of doors.

The four legs are turned on the lathe from $1\frac{1}{2}$ " turning stock. Make a cardboard template for the ball shaped heads and turn the legs to uniform design.

Cut the sides and ends on the circular saw and dress the edges on the jointer. Cut the stretchers, bottom, and nailing strips and assemble with dowels and glue. Nail the strips around the bottom of the inside and let the bottom fit loosely for easy removal.

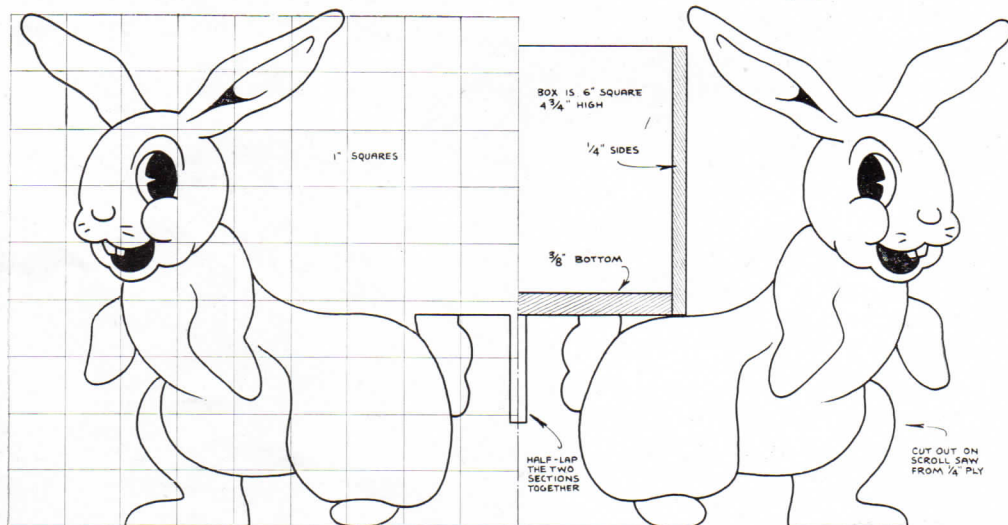
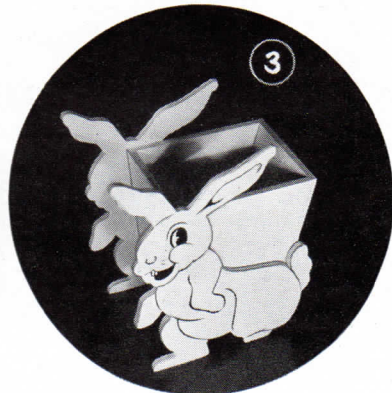
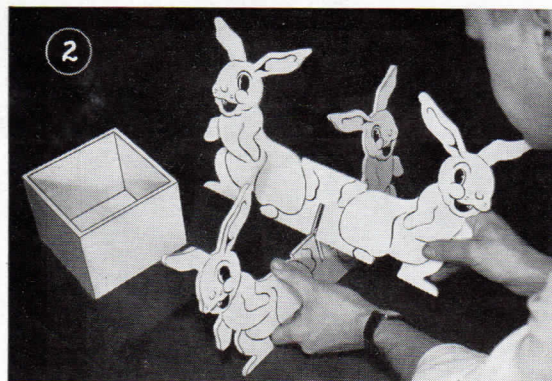
Paint with flat white undercoat and follow with white enamel. A few decorative decals will dress up the finished fernery.

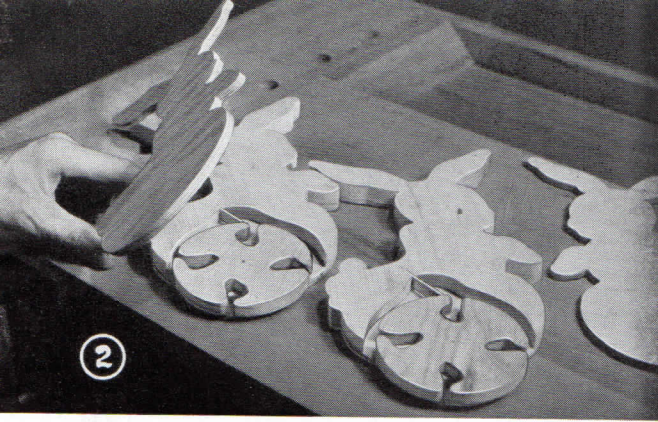




An Easter Table **CENTERPIECE**

☆ HERE we have an attractive project for the Easter table or to hold the children's Easter candy. . . . A variation of the table center piece is shown in photo 3. In this case two cut outs are fastened to the sides of a simple box as shown. Paint with flat white then with white enamel. Trim with black.

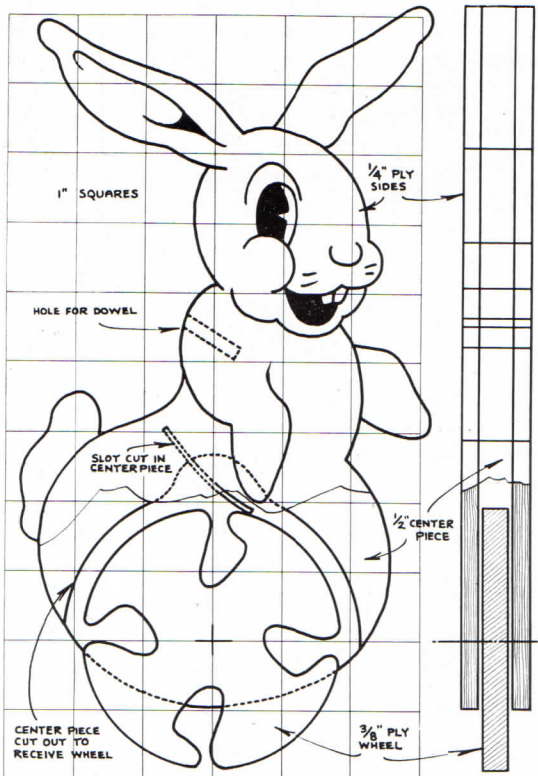




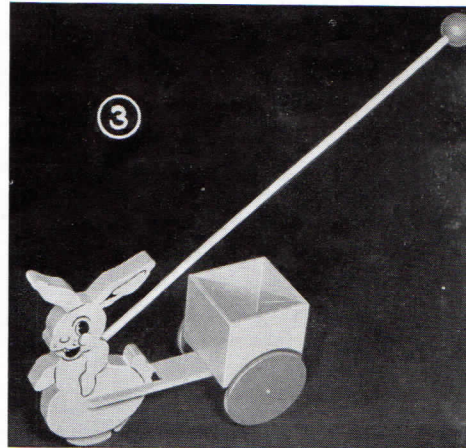
The photo above shows how the rabbits are assembled from the five parts. Use a finishing nail for the axle.

Easter RABBITS

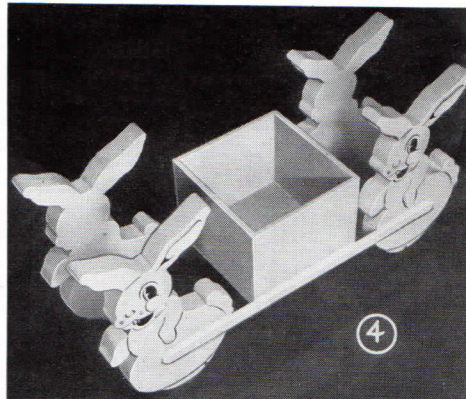
☆ THIS novel rabbit with the feet cut out as shown in the drawing below may be used to make up a variety of Easter toys. The sides are cut from $\frac{1}{4}$ " plywood and the center section is $\frac{1}{2}$ " solid stock. The thin strip of wood which makes the thumping noise as the rabbit walks, is maple or birch. The toys should be painted white or buff and trimmed in black.

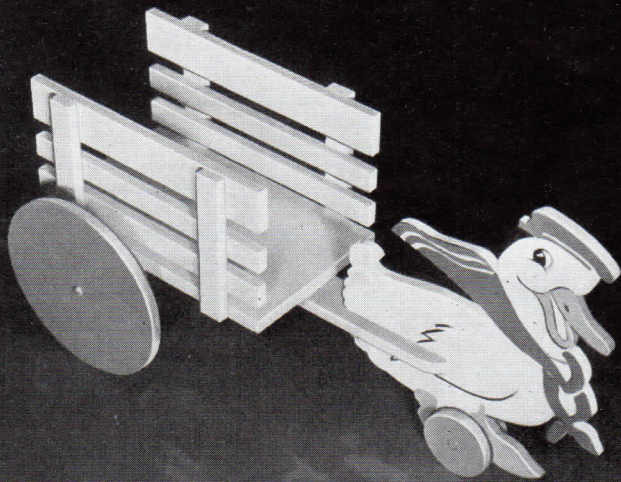


A box six inches square and four inches deep will hold lots of Easter goodies.



A dowel handle and a simple cart added to the same rabbit design makes an attractive toy for the Easter season.





TOY DUCK and CART

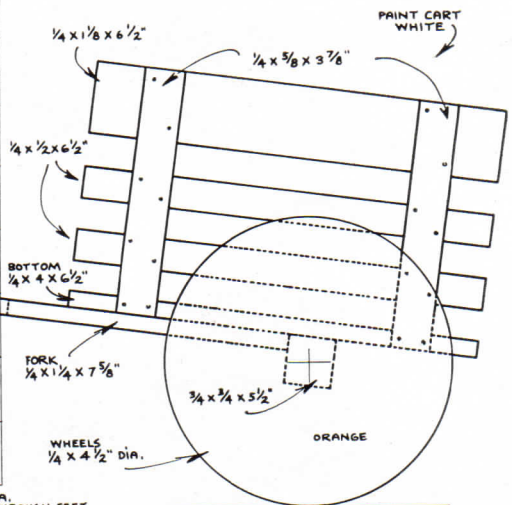
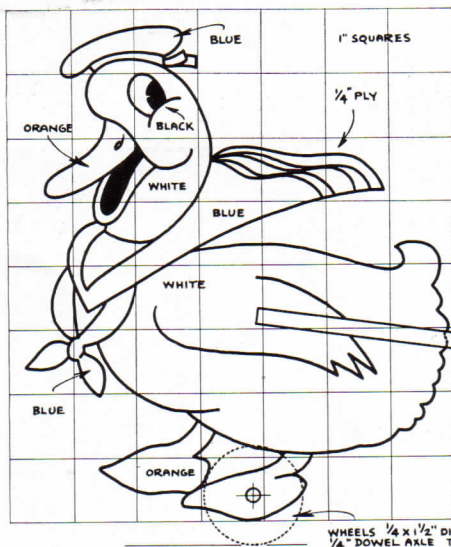
☆ THE toy shown above is a special for Easter as well as a year round favorite. Attractively decorated in four colors, as shown in the drawing below, this popular item can be made in your home workshop singly or in mass production.

All parts with the exception of the axle is $\frac{1}{4}$ " plywood or solid pine stock. Lay out the duck design from the squared drawing below, onto the $\frac{1}{4}$ " plywood. If you are making more than

one, tack several layers of wood together and saw them all out at one time.

The small wheels in front are glued solidly to a $\frac{1}{4}$ " dowel axle which turns freely in a $\frac{5}{16}$ " hole through the duck's feet. The cart wheels are fastened to the $\frac{3}{4}$ " axle with round head wood screws.

Use small brads and glue for the rest of the assembly.



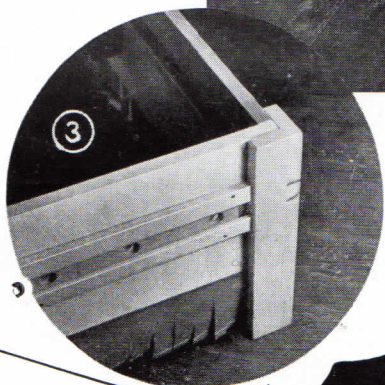
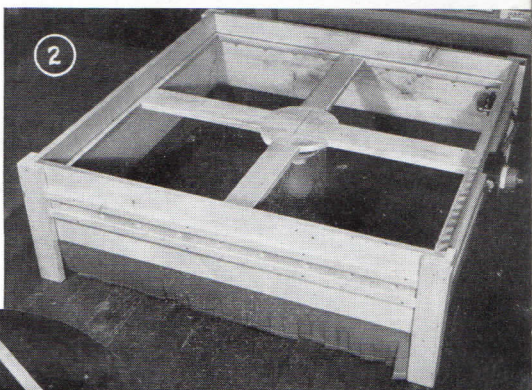
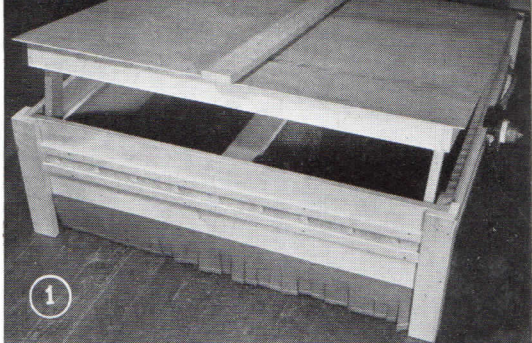
BROODER

☆ THIS excellent brooder will add greatly to your ability to raise a fine flock of baby chicks. You can build it in your farm shop at very little cost.

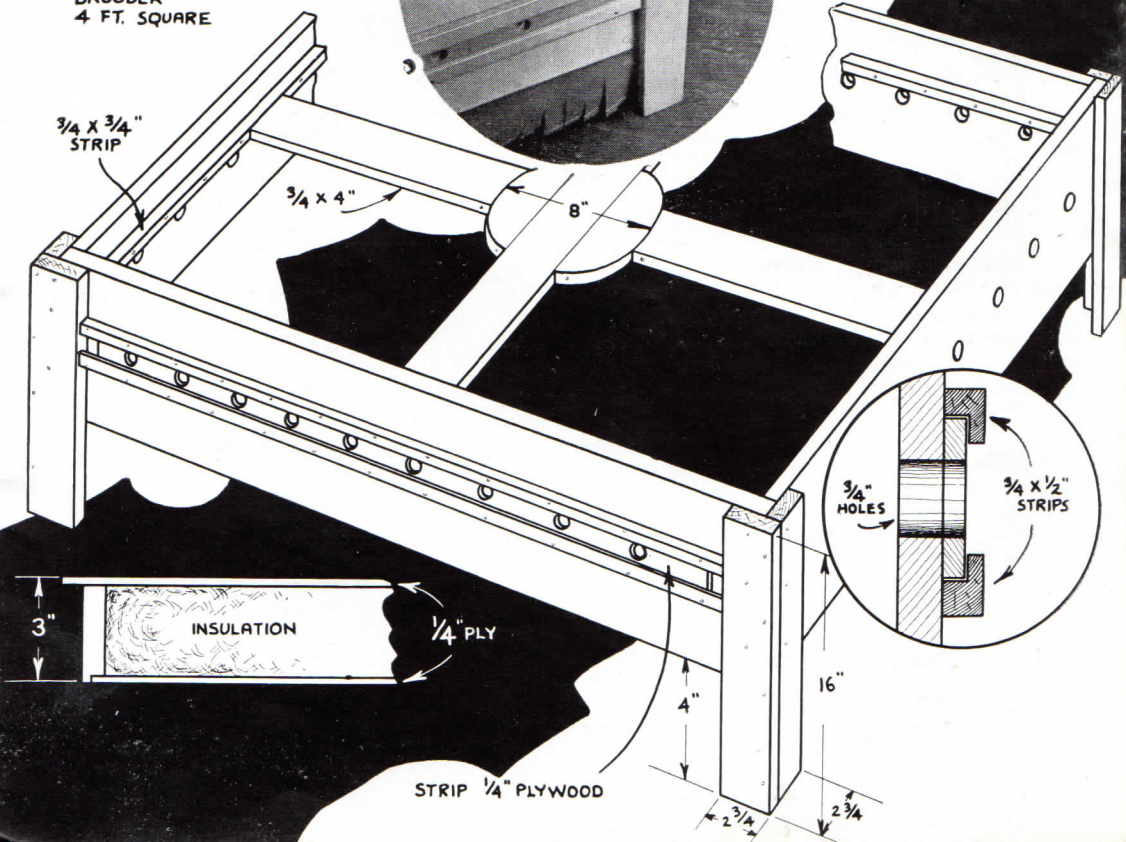
The sides are $\frac{3}{4}$ " x 12" x 4', four pieces being required. The four corner legs are built up from $\frac{3}{4}$ " stocks as shown in the drawing below. All joints are nailed butt joints.

Cut the guide strips as shown in the drawing - with a $\frac{1}{4}$ " x $\frac{3}{8}$ " rabbet for the $\frac{1}{4}$ " plywood vent strips. Make the lid frame from $\frac{3}{4}$ " stock with $\frac{1}{4}$ " plywood top and bottom, fill with insulation material. Make the cross frame and lid support strips from $\frac{3}{4}$ " stock and nail in place. Tack canvas around the bottom so that it is $\frac{1}{2}$ " from the floor and cut slits in the bottom as shown in photo 3.

Install two porcelain sockets fitted with a 250 watt drying bulb in the center protected by $\frac{1}{4}$ " wire mesh, and a 150 watt reflector bulb on the side just under the lid. Wire with No. 14 wire, in BX cable for inside the brooder, and connect with a turn off switch in a 3" box. Install a thermostat in the line on the inside corner of the brooder.

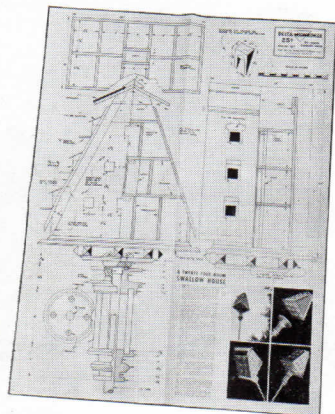


BROODER
4 FT. SQUARE



Complete Plans for SWALLOW HOUSE

☆ A WELL designed home for your feathered friends that you will be proud to place in your yard. It has 24 rooms, the front and back pieces may be easily removed for cleaning.



ONLY
25¢
POSTPAID



COMPLETE INSTRUCTIONS

☆ COMPLETE INSTRUCTIONS—The plans are complete in every detail and printed clearly on a large 17" x 22" sheet. Send for yours today and complete the "Swallow House" in time for the coming season.

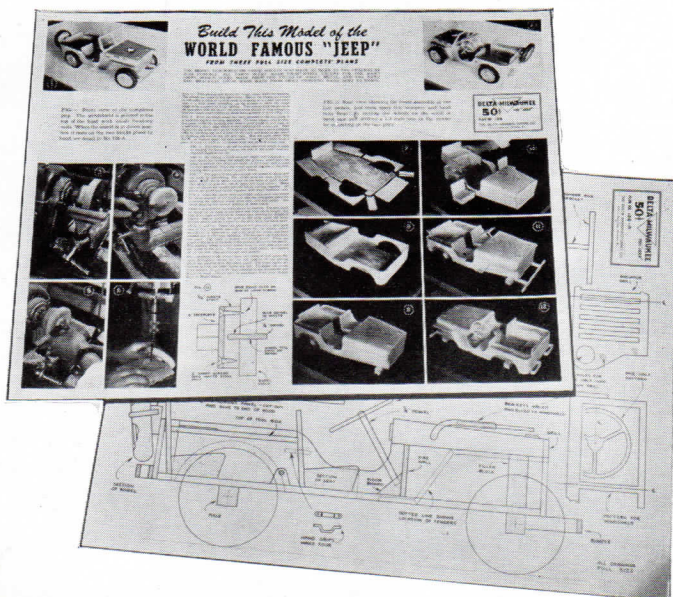
Complete plans for this world famous "JEEP"

☆ ANY MODEL MAKER will be proud to show this finished "Jeep" to his friends. Just imagine, wooden wheels that look like real rubber tires. Some other features on the above model are, swinging windshield, gear shift, foot supports, hand rails, gas and oil indicator dials, hand grips and many others. Order your set of plans today.

Step by Step INSTRUCTIONS

☆ Build this model of the famous army Jeep with our easy to follow plans. Each operation is fully explained on two large sheets of plans, and best of all, complete details are given in full size. The completed model is 18 inches long by 8 1/4 inches wide.

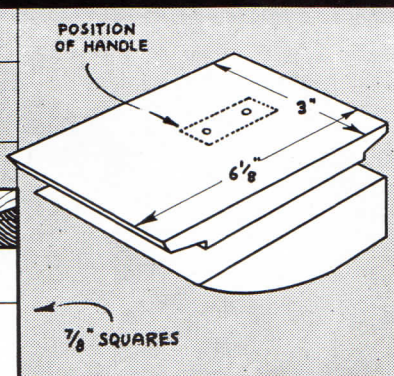
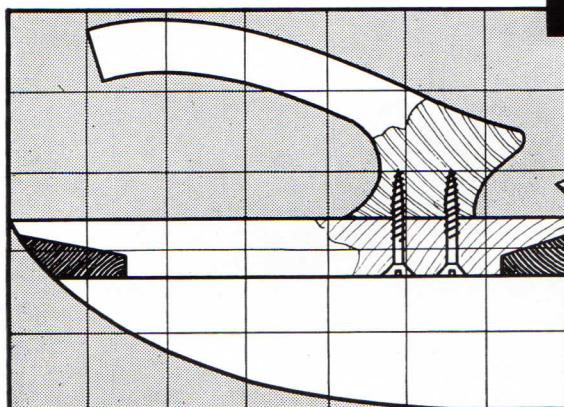
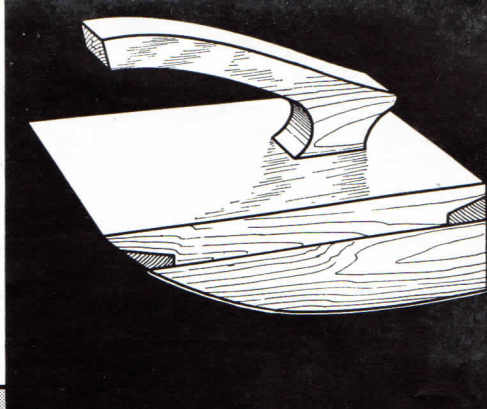
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ONE EVENING PROJECTS

Handy **BLOTTER**

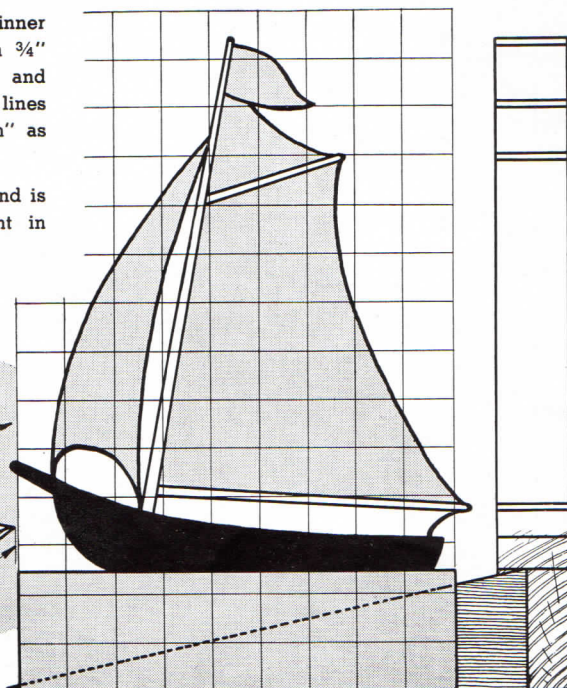
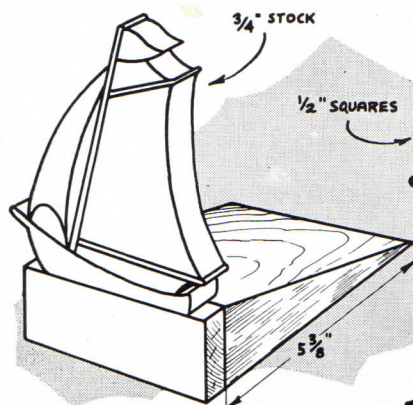
☆ A HANDY desk blotter made from scrap wood in a few minutes time is shown below and at the right. The squared drawing below gives the shape and size of the various parts. The wedges hold the blotting paper in place.



Nautical **DOOR STOP**

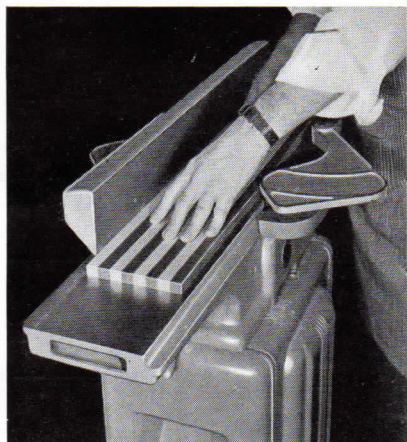
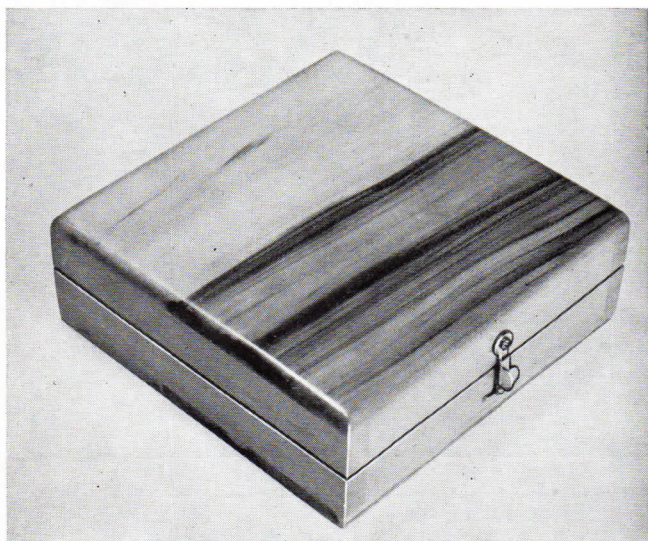
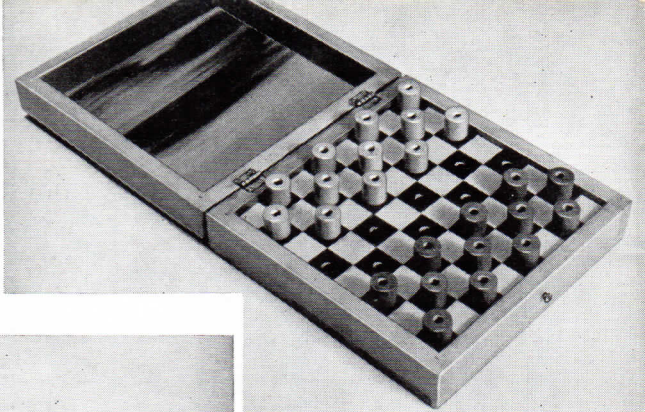
☆ AN easy to make project for the beginner is shown below. Layout the design on $\frac{3}{4}$ " pine from the squared drawing below and saw out on the scroll saw. The inside lines may be cut out or merely "painted on" as you wish.

The wedge is cut on the band saw and is assembled with nails and glue. Paint in bright colors.

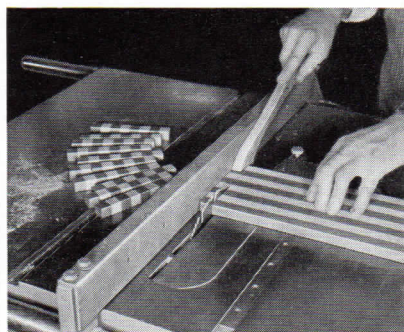
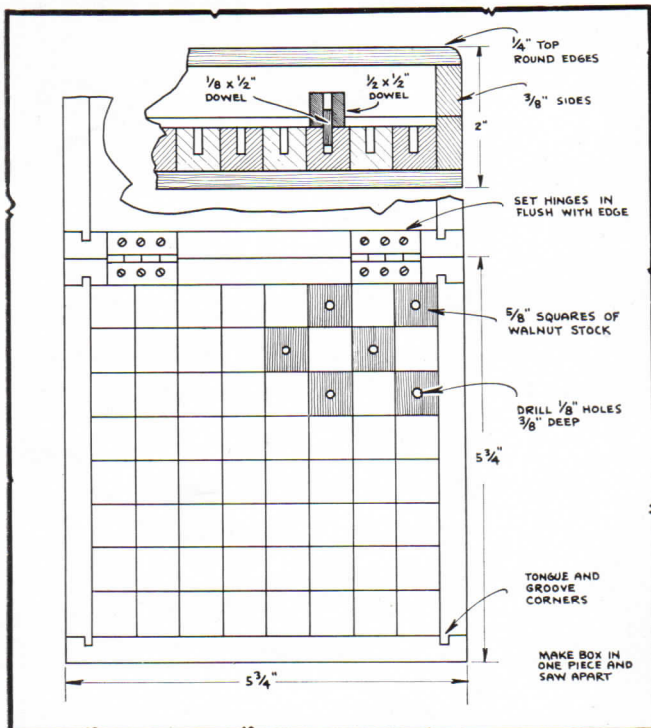


Compact CHECKER GAME

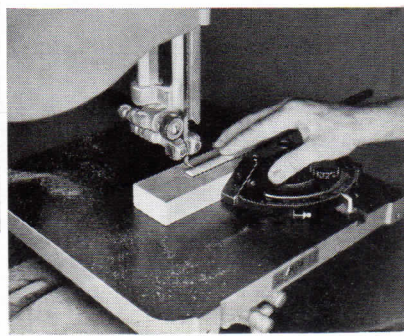
☆ HERE is an excellent project for that boy in the service. The box is gumwood and the checker board is made up from walnut and white pine. Details are shown in the drawing below.



Glue up strips of walnut and pine and when this is dry—smooth up on the jointer.



Above—Saw into strips and glue up the checker pattern. Below—Sawing the dowels to length for the checkers.



TURNED STAMP DISPENSERS

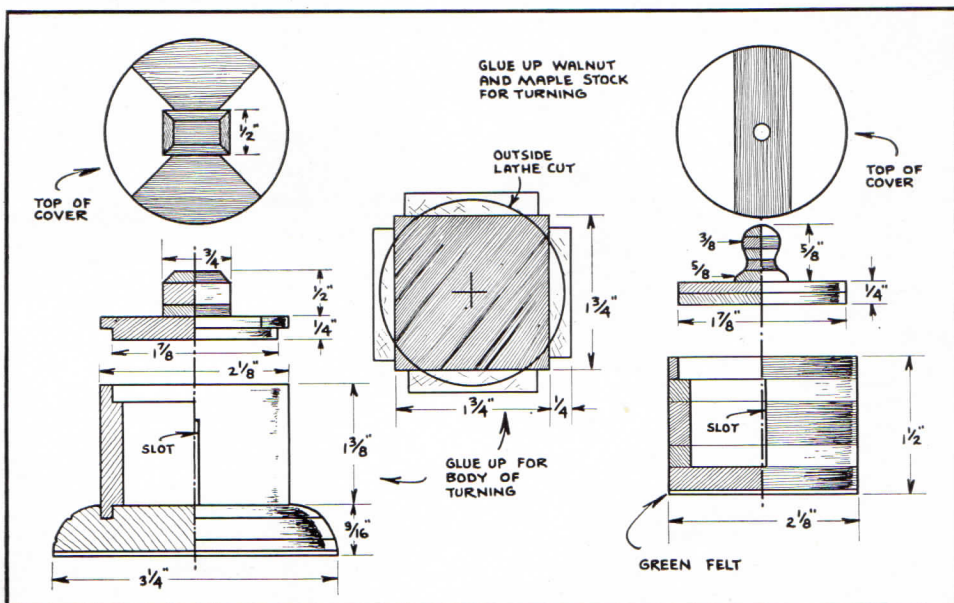
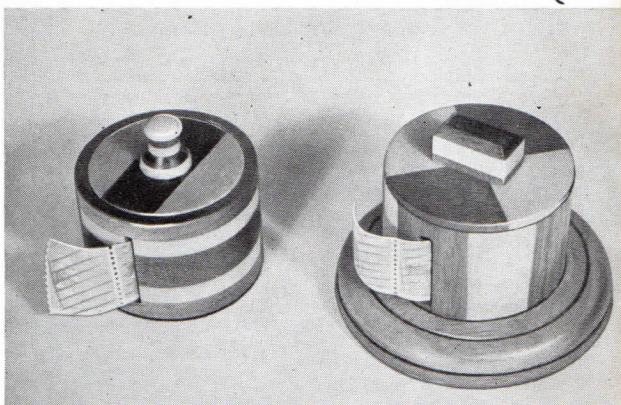
☆ WITH frequent letters being sent to men and women in the service, one of the most practical and timely projects for the home work-shop is a stamp dispenser. While this is essentially a lathe project, its general design offers many possibilities which can be varied in accordance with the tools and equipment that are available.

One cent stamps are obtainable in rolls of 500. By purchasing a roll instead of a few stamps at a time, it puts an end to house-hunting for stamps for a long while, and a stamp dispenser keeps them in their proper place.

The rolls of stamps are about $1\frac{1}{2}$ " in diameter and slightly less than 1" high. The project is merely a housing or container for the roll of stamps, which is slotted to permit the stamps to be pulled through and detached as needed.

☆ ☆ ☆

(Designed by Sidney J. Dowding)





"HOW TO GET THE MOST OUT OF YOUR FARM WORKSHOP"

☆ PAGE 73 on the "Brooder" is a reprint from a new Delta-craft book called, "How to Get the Most Out of Your Farm Workshop." This book contains plans, photos, and instructions on many projects useful to the farmer or suburban resident. Some of the projects are: chick feeder, milking stool, rural mail box, fence post puller, folding saw horses, and many others. Order your copy today for only 25c postpaid.

THE DELTA MANUFACTURING COMPANY



Special Shaper Cutters

South Bristol, Maine: I was wondering if you could make up special cutters for me other than the standard ones you now show in your catalog. L. G. M.

Because of material restrictions and labor shortage we are not able to make any cutters except those shown in our catalog. The Anthe Machine Works at Covington, Kentucky, make all types of special shaper cutters and knives.

Non Poisonous Paints for Toys

Falls Church, Virginia: Could you advise me what ingredients found in some paints and enamels should not be used to paint children's toys? It is my understanding some are toxic while others are not.

M. K. P.

It is our understanding that most red colored paints and enamels are o.k. All yellows and greens, as a rule, contain lead chromate which is toxic. When buying paints be sure they contain dye colors instead of lead chromate.

A Very Good Idea

Hamtramck, Michigan: It's about time that someone thought of organizing the home craftsmen. What assurance have we that we are capable of performing war work? We have no association to back us up. I have been a home workshop fan for eight years, and in that time I have added a lot of machines and tools, and expect to add more later. I have a lot of attachments, in fact my life savings are tied up in my hobby, and now I would like to ask you if you or anyone else could get us a charter as a Home Craftsmen Association.

I am sure a lot of men like myself would join, because we'd find it much easier to get material, tools, etc., at a reduced price when we presented our membership card on making a purchase. We would gladly pay regular annual dues for this service. Could I get more information in regards to A. A. from Brooklyn, New York, on his Volume Production Idea which appeared in the Nov.-Dec. issue of the Delta-gram?

J. F. O.

The editors of the Delta-gram are trying to get all the necessary information together about the proper procedure in getting up a home-workshop club charter. As soon as we have all the dope, we'll announce it in some future issue of the Delta-gram.

Workbench Plans

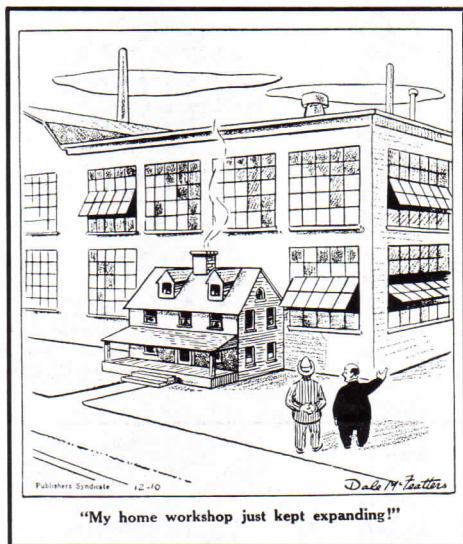
Port Washington, Wisconsin: Have you any plans or blueprints for a good workbench? I thought you published a plan in some previous issue of the Delta-gram. J. M.

On pages 32 and 33 of the October 1942 Delta-gram you will find illustrated a very popular workbench with most homecrafters and cabinet makers.

Bleaching Wood

Ithaca, New York: I would appreciate it very much if you would let me know where I can get some information on bleaching of wood. Do you have any books on this subject? E. H. C.—M. D.

Ordinary household bleach works very nicely on any dark woods. For more information refer to our book "Practical Finishing Methods." This book sells for \$.50.



Breakfast Set

Covington, Kentucky: I would like very much to know if you have blueprints for a breakfast set. I believe you had a project like this in some previous issue of the Delta-gram. F. N. S.

We featured a rather simple design on page 69 of the January 1938 issue of the Delta-gram. This same project also appeared on page 15 of "Project Book No. 5," and page 29 of our "40 Fine Tables Book."

Suggested Projects

N. S. Pittsburgh, Pennsylvania: Your request in the Delta-gram for suggestions about what type of projects we would like to have you publish. I would like to see a kraut cutter (Cabbage Cutter) and also a combination storm windows and screens rack.

The editors have made a note of these projects in their little black book, as future items for the Delta-gram. — By the way fellows, how about sending in your requests?

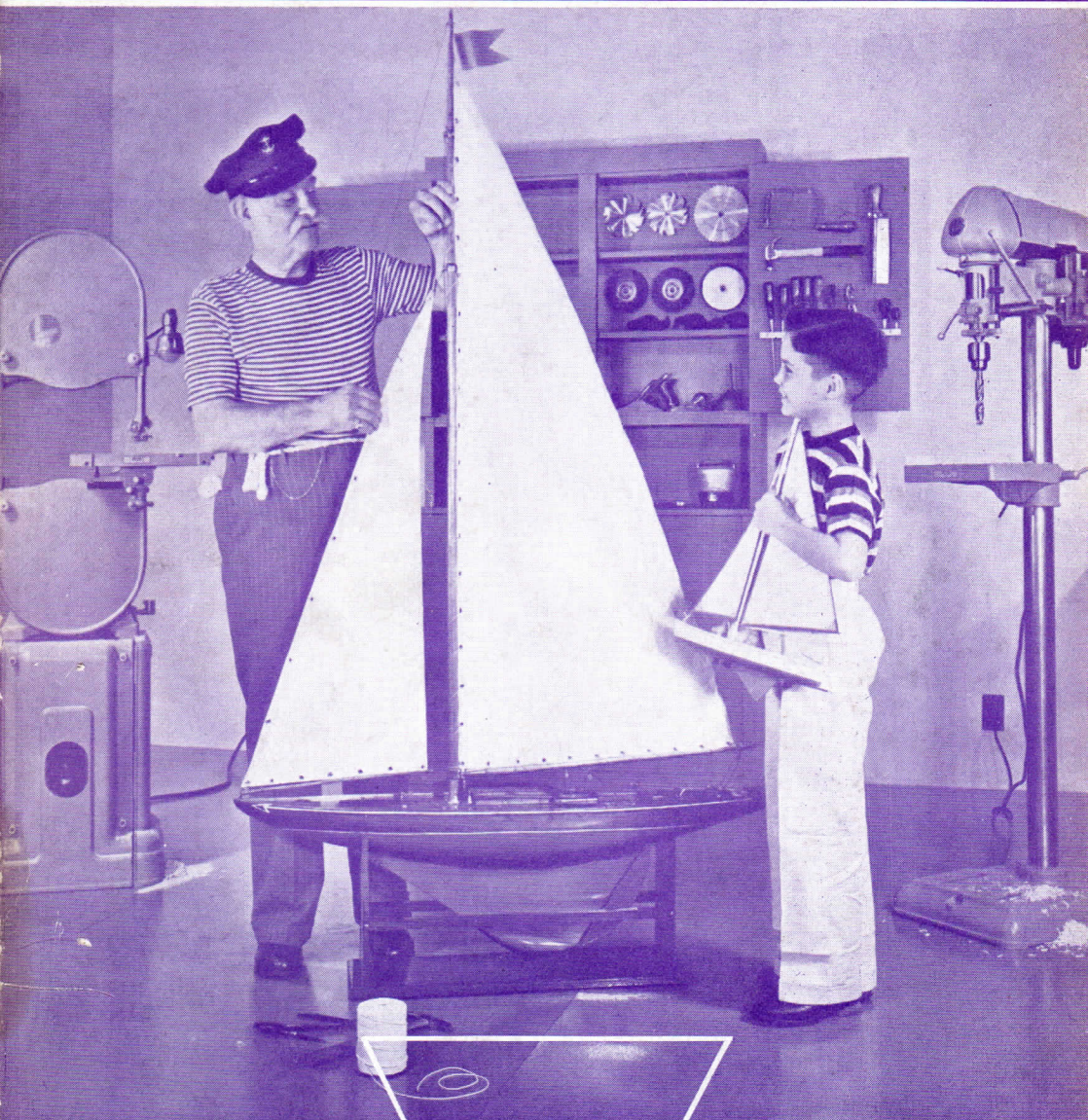
The Editors.

DESIGNS

☆ A NEW series of jigsaw wall plaque designs will appear from time to time. These are full size drawings which can be easily traced directly on the material to be cut. Paint the material with a flat coat of paint before drawing the design.



BUY WAR BONDS NOW



Buy **DELTA** later TOOLS

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