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Project Plans
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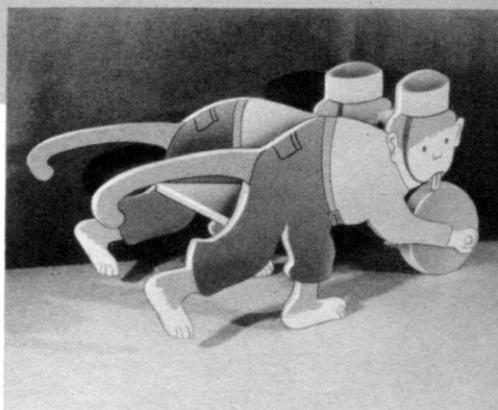
TOY WHEELBARROW

The youngster in your family will get loads of fun wheeling his toys around the garden in this "monkey" wheelbarrow. If you can give him some sand, he'll be busy for hours at a time wheeling it from one place to another in the play yard.

Layout the monkey pattern (using the squares method) directly on your $\frac{3}{8}$ inch waterproof plywood stock or a piece of cardboard and scroll or bandsaw to shape. Tack both sides together and saw them out at one time. Sand the edges well and break all sharp corners. The sanding attachment on the scroll saw Cat. No. 711 or the belt sanding attachment on the bandsaw Cat. No. 28-810 is ideal for this purpose.

Bore the axle hole in the sides on the drill press using a $\frac{1}{2}$ inch machine spur bit Cat. No. 808 with the table tilted at 8° . The side edges of the bottom and back of the bed of the wheelbarrow are cut on the circular saw with the table or saw arbor tilted 8° (see drawing). These pieces are then assembled to the sides with waterproof glue and No. 8 flat head wood screws.

The wheel is made of two pieces of $\frac{3}{4}$ inch waterproof plywood glued together. The hole in the wheel for the axle should be $9/16$ inches so it will ride



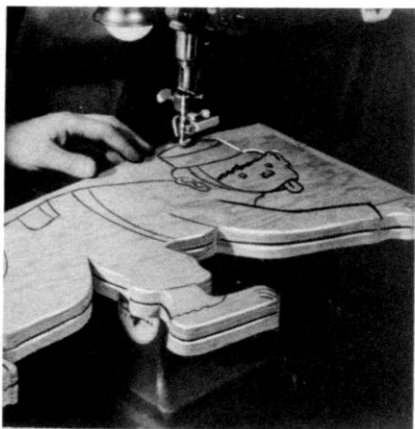
(Photo No. 1)

freely over the axle. Two $\frac{1}{4}$ inch dowels hold the wheel in position. The axle is screw fastened to each side with a No. 6 by $1\frac{1}{2}$ inch flat head wood screw.

After carefully sanding the entire project, seal it with a coat of shellac. Follow with a coat of undercoating. Paint the marked sections as indicated in the color chart on the drawing. The feature outlines should be painted in black.

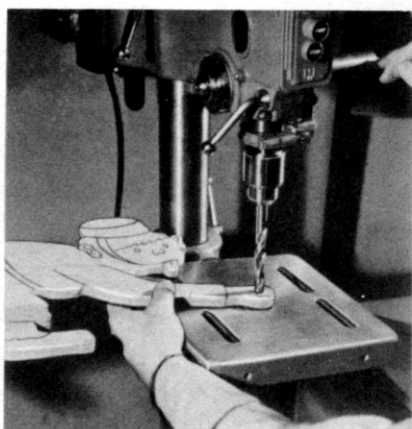
Bill of Materials

No. of Pieces	Name	Size
2	Sides (Waterproof Plywood).....	$\frac{5}{8}$ x $11\frac{1}{4}$ x 23
1	Bottom (Waterproof Plywood).....	$\frac{5}{8}$ x $7\frac{3}{4}$ x 10
1	Back (Waterproof Plywood).....	$\frac{5}{8}$ x 5 x $7\frac{3}{4}$
1	Wheel	$1\frac{1}{2}$ x $5\frac{1}{2}$ x $5\frac{1}{2}$
1	Wheel Axle Dowel.....	$\frac{1}{2}$ " Dia. x 7
2	Wheel Axle Dowel Pins..	$\frac{1}{4}$ " Dia. x $1\frac{1}{2}$
2	Flat Head Wood Screws...	No. 6 x $1\frac{1}{2}$
12	Flat Head Wood Screws...	No. 8 x $1\frac{1}{2}$



(Photo No. 2)

By tacking the pieces together, both sides can be cut on the scroll saw at one time.



(Photo No. 3)

With a Cat. No. 808 $\frac{1}{2}$ inch machine spur bit and the table of the drill press tilted at 8° the axle holes are bored in the sides.

PAINTING CODE

- BR- BROWN
- BL- BLACK
- R - RED
- P - PINK

