

The top photo shows the sled ready for use. It's 42" long, 16" wide, weighs five pounds, supports 200-300 pounds. In bottom photo sled is folded for carrying.

## How to make a Folding Sled

Take the load off your back on winter hikes. Put your pack on this sled for easy carrying. To make it you need a pair of old skis for runners, a rake handle,  $\frac{3}{8}$ " waterproof plywood strips, six  $\frac{3}{4}$ " brass screws, rope, glue, varnish.—B.J.



1. Cut six posts, each 7" long, from rake handle or pole. Make dowel pin ends by scoring end with  $\frac{3}{4}$ " bit. Then chisel and file to fit  $\frac{3}{4}$ " hole drilled in runner.



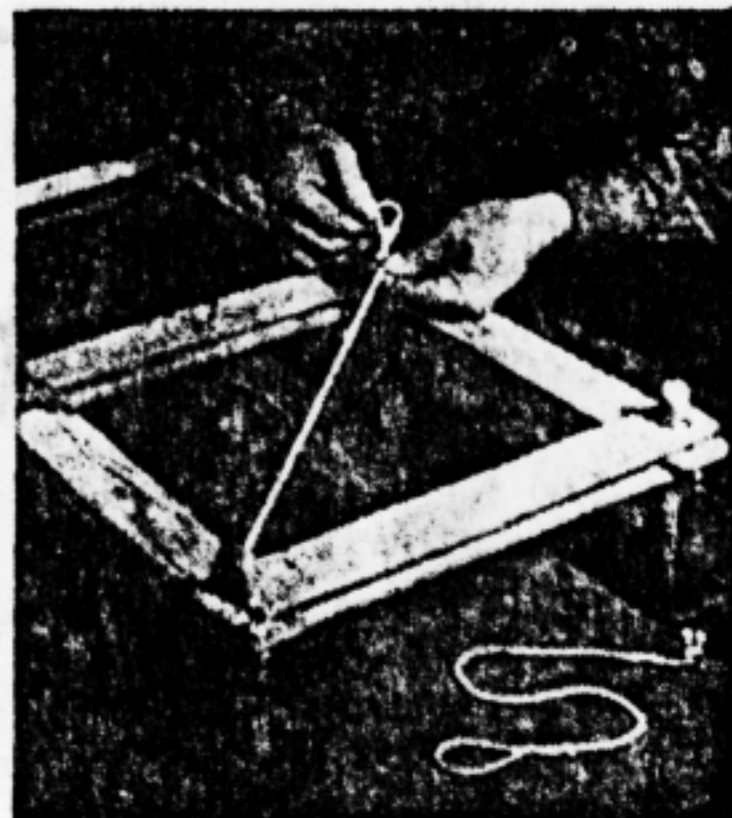
2. Make six crosspieces (16"x12") from  $\frac{3}{8}$ " plywood; bore 1" hole in each end. Make two lengthwise braces 29 $\frac{1}{4}$ " long with three 1" holes. Centers match runner holes.



4. Set posts in runner sockets. Fit lower end tightly in hole and shoulder squarely on runner. Glue. From bottom put through  $\frac{3}{4}$ " screw. Glue in the bottom pins. Fit the braces.



3. Taper post ends. Slide three braces over end leaving 1 $\frac{1}{2}$ " of post at top. Mark and drill  $\frac{1}{4}$ " hole squarely through post centers at top and bottom. Then file and sand.



5. Set top dowel pins in first and second posts. In rear posts run  $\frac{3}{16}$ " rope through hole and make eye splice at end to fit over opposite center post. The rope locks sled.