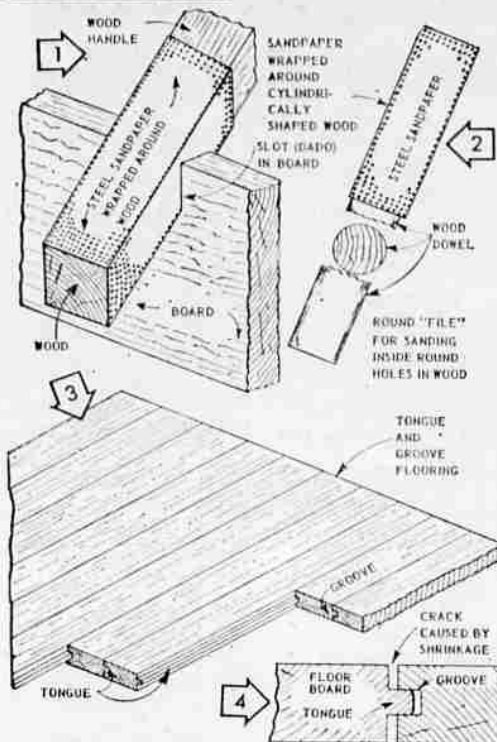


DO-IT-YOURSELF



**By J. RALPH DALZELL**  
 Many amateur craftsmen lack special or proper tools commonly used for wood shaping projects. However, a new steel sandpaper can be used to great advantage in making tools which serve many useful purposes.  
 Steel sandpaper is made of very thin sheets of steel containing thousands of small, punched holes. Each hole has a burr, and each of the burrs simulates a wood scraper blade when the steel sandpaper is used. The scrapings produced look like ordinary sanding or sawdust. The new material cuts rapidly and lasts indefinitely.  
 Picture 1 shows how a homemade steel sandpaper tool can be used to cut notches (dados) in a wood board. To make the tool, the steel sandpaper can be wrapped around a piece of scrap wood. The size of the wood is determined by the size of the notch required. The steel sandpaper can be cut to shape with scissors and then tacked securely to the wood. The notch is cut by pulling the tool back and forth while applying pressure.  
 Picture 2 shows how a round cutting tool, or file, can be made with steel sandpaper. This tool can be used for enlarging holes drilled through planks or boards. Tack the steel sandpaper to a piece of wood dowel or other full round piece of wood. Many other kinds of wood-shaping tools can also be made using steel sandpaper.  
 Many readers continue to inquire about ways to refinish old fir or pine tongued and grooved flooring. Picture 3 shows a tongued and grooved floor of fir or pine. Note how the boards are joined

together by tongues and grooves. Picture 4 shows a typical crack between boards.  
 To refinish, clean out and then fill all cracks with a mixture of sawdust (from same kind of wood as the floor) and shellac. Force the mixture into the cracks with a putty knife. Scrape tops of filled cracks flush with floor boards. Rent an electric floor sander from a hardware store. Remove the baseboard shoe moldings.  
 Using coarse sandpaper, sand off the old finish. Keep the sander moving at all times and in direction parallel to the length of the boards in the floor. Use medium sandpaper to remove roughness caused by first sanding then use fine sandpaper to give the floor a smooth and satin-like surface. Use hand scraper next to baseboards where large sander cannot be used.  
 Varnish or shellac can be used to create a natural finish. Both are good materials and have been used on floors for many years. However, for fir or pine floors, homeowners would be wise to select a sealer type finish such as Fabulon which penetrates deeply into the wood and creates a hard and lasting finish which never requires waxing. If Fabulon is used on a newly sanded pine floor a prime first coat should be used to seal off pitch and resin. Like varnish and shellac, Fabulon should be applied in two coats. The first, Ion, Pierce and Stevens Chemical fine steel wool before the second coat is applied.  
 Manufacturers: Steel Sandpaper, Red Devil Tools, 2400 Vauxhall Road, Union, New Jersey; Fabulong, Pierce and Stevens Chemical Corp., 716 Ohio Street, Buffalo 3, New York.

**Retain Instructions For Washing Cottons**

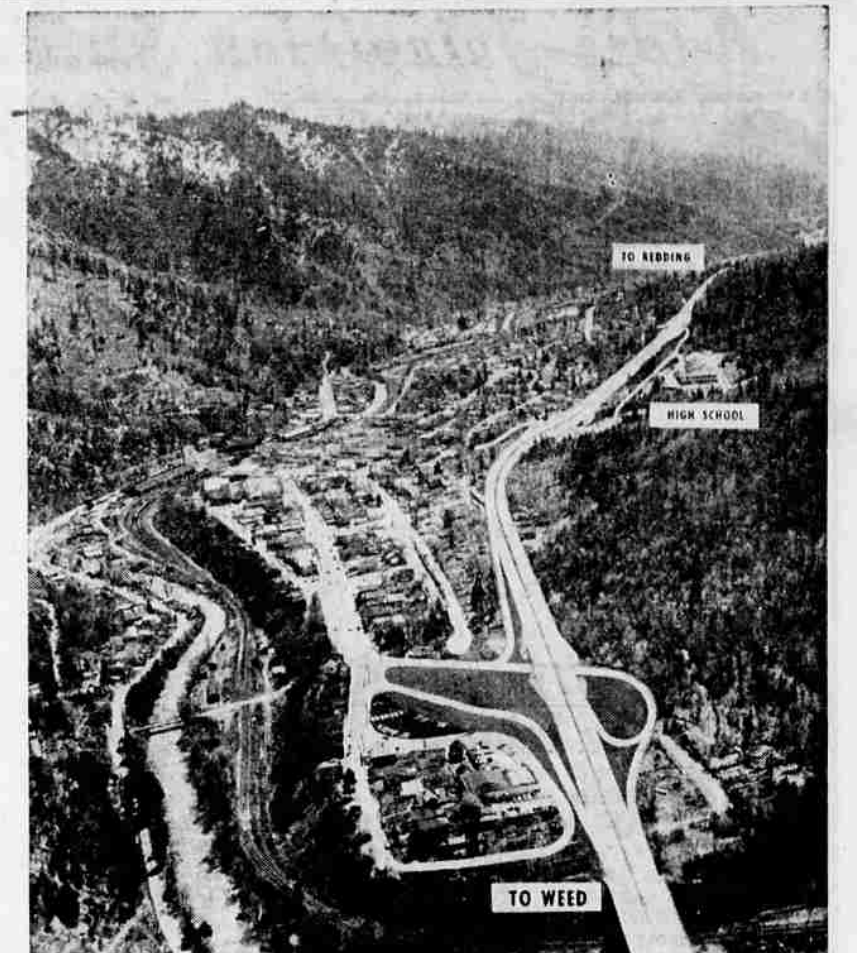
Save the label that comes with wash-and-wear cottons, says a clothing specialist.  
 Always read the label and keep it handy when washing, said Thelma Baird of the North Dakota State College extension service. Give special attention to instructions for bleaching to remove stains, she added.  
 A perborate bleach should be used on resin-finished garments, she said. Chlorine will weaken the fabric and turn it yellow. Some discoloration can be removed by thorough rinsing. White fabrics may need to be treated with a commercial color remover. These treatments must be applied before ironing, Mrs. Baird warned, or they will not be effective.

**FOUR FLAVORS**

The sense of taste is made up of only four basic flavors—sweet, sour, salty and bitter. The many other tastes are combinations of these four.

**QUESTIONS AND ANSWERS**

Q.—Can water-based latex paints be used for exterior work?  
 A.—Yes. Paint stores now have such paint which can be used on exterior walls and other places that are subject to rain and other weather.  
 Q.—Do many people paint front and back doors in bright colors?  
 A.—Yes. In these days of houses built around patios and terraces, it is sometimes a problem to find the front door. By painting the door a bright eye-catching color, it is easy to see. If the same color in a flower border is repeated, a truly artistic effect is created.  
 Q.—We filled nail holes on our woodwork with plastic wood but found that there were still small dents when the plastic dried. How can this be avoided?  
 A.—The plastic wood shrinks a little when it dries. To avoid this, fill the holes so that the plastic wood is a little above the surface. After it hardens, it can be sanded until flush with the surrounding wood.



**Dunsmuir Freeway Project Planned**

The Division of Highways will open bids July 30 in Sacramento for the 3.7-mile Dunsmuir freeway project. This will be the first full freeway development in northeastern California where traffic conflicts will be eliminated through the use of separation structures at intersections and access will be permitted only at interchange locations.  
 Six bridges to carry the freeway over local streets are included in the project. Interchange facilities will be provided just south of the Sacramento River Bridge in Dunsmuir, slightly south of the city limits, and just south of Little Castle Creek at Castel Crags Drive. The new freeway will be west of the present highway.

**New Products Listed**

**By CLYDE H. FARNSWORTH**  
**United Press International**  
**NEW YORK (UPI)** — Drip-dry bed sheets promise to save you more than \$60 a year in laundry bills.  
 Indian Head Mills of New York claims its cotton sheets are the first made of such material that require no ironing. They come with a new finish, similar to that already developed for shirts, which produces a smooth ironed appearance regardless of the number of times or the way in which the sheets are washed, the firm says.  
 The so-called "EZ Care" sheets and matching pillow cases are available in both combed percale and muslin. They come in flat and fitted types and in double and twin sizes.

container, known as "Stone's Stonewall Iceless Ice Box," is a flat package made of aluminum foil lamination when you buy it, but can be assembled into a convenient container when you need it, says Stone Container Corp. of Philadelphia.  
 Radio Corp. of America has unveiled a powerful all-transistor radio weighing less than 12 pounds and operating on flashlight batteries. The Strato-World II has a standard AM band, a ship-to-shore and amateur short-wave band and four international short-wave bands.  
 A new plastic floor finish eliminates the need for waxing. Pylon Manufacturing Company of Phoenix, Arizona, says its product also is non-skid and non-slip and won't chip or peel. It can be used on wood, cement and cork floors as well as on linoleum and tile.

The four-lane divided facility will extend from one mile south of the Shasta-Siskiyou County line to the Sacramento River Bridge in Dunsmuir. Funds in the amount of \$5,200,000 have been authorized to finance the construction.  
 The accompanying photograph shows an artist's version of how the completed freeway will appear. The view is from the vicinity of the existing bridge over the Sacramento River looking south through Dunsmuir. Details of the North Dunsmuir interchange with connecting ramps to the existing local streets can be seen in the foreground. Undercrossings at Willow and Oak streets are shown at center right opposite the high school.  
 It is estimated that two years will be required to build the project.

Novices might try the new "Ski-Master" if they want to make a successful water skiing attempt the first time. Brought out by Royal-T Products Company of Kansas City, Missouri, it consists of a tow bar handle which fits into sockets that are fastened to the skis near the forward tip.  
 The skier grasps the handle and remains in a crouched position until the boat picks up enough speed to plane the skis. When the skier feels ready to straighten his body he pulls back on the handle and it lifts itself from the sockets. He is then skiing in a conventional manner.  
 It's easy to keep a cool head these hot days if you use a new plastic head band, says Henschel Manufacturing Company, St. Louis. Its head-cooler is lined with a soft strip of aluminum backed by layers of plastic sponge. Water poured on the outside of the band is supposed to keep it cool for hours.

St. Louis has brought out an unsinkable "Z-Boat." Completely filled with water and submerged to the waterline, the firm says, the boat still will support a 250-pound person. The craft is made of Dy-lite, a plastic developed by Koppers Company.  
 Jay V. Zimmerman Company of

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