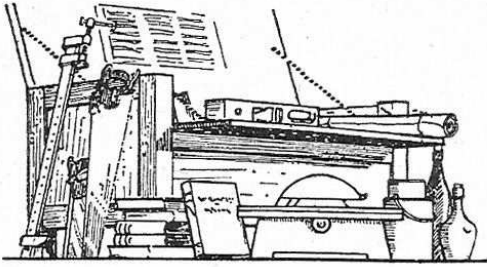


# THINGS NEW THINGS INTERESTING



A monthly review of tools, fittings, machines, finishes, and materials of interest to the woodworker. Many of them are new; others may have a new application or a special interest

**NEW SLOT DOVETAILER.** Most readers are familiar with the "Arcoy" dovetailer, with which lapped dovetails can be cut using any electric drill having a  $\frac{1}{2}$  in. chuck. Both dovetails and pins are cut in the same operation, the parts being held together at right angles, the rotary bit passing down through the dovetailed piece into that with the pins. The principle of cutting is that both dovetails and pins are the same size.

A new addition to the appliance has now been made, enabling slot-dovetails to be cut. The main basic dovetailer is used, the new part consisting of a slotted plate which is attached to the device. Two sizes of bits are provided, each cutting a different size of dovetail slot, choice being in accordance with the thickness of wood being used, and details of the particular job in hand.

The method of cutting is to hold the one piece in an upright position and cut the dovetail slot in one movement, as in Fig 1. The piece with the dovetail is held horizontally, Fig. 2, and the dovetail cut in two movements, one the upper side of the dovetail, and the other the lower side. The rotating bit is guided along its path by a slot in a special plate fixed to the machine as shown.

As full instructions on using the device are provided with the attachment there is no need for us to give the procedure in detail here, but we

may say that we found it most effective in use. For work in which a stopped dovetail is desirable the slot is simply stopped short, and the dovetail itself cut back correspondingly. Either a slack or tight fit can be arranged by a special adjustment. Those who have the "Arcoy" Dovetailer will

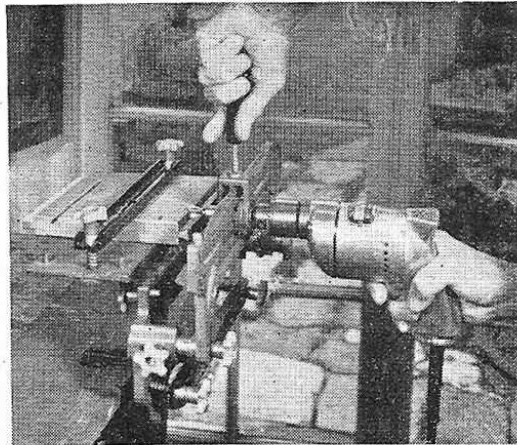


FIG. 2. CUTTING UPPER SIDE OF DOVETAILED

find this new attachment of great value. It is specially suitable for items in which there are inner divisions, shelves, and so on, these being slot-dovetailed to the sides. The attachment retails at 29s. 6d., and is available through stockists, or direct from "Arcoy Products", Knowsley Road, Liverpool, 20.

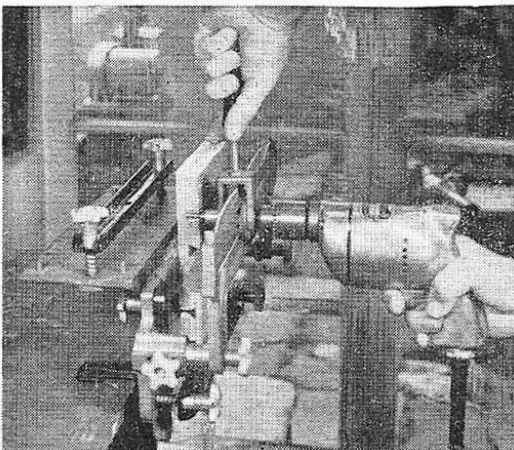


FIG. 1. CUTTING DOVETAILED SLOT