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PORTABLE WORK BENCH

Filed Oct. 14, 1929

Fig. 1.

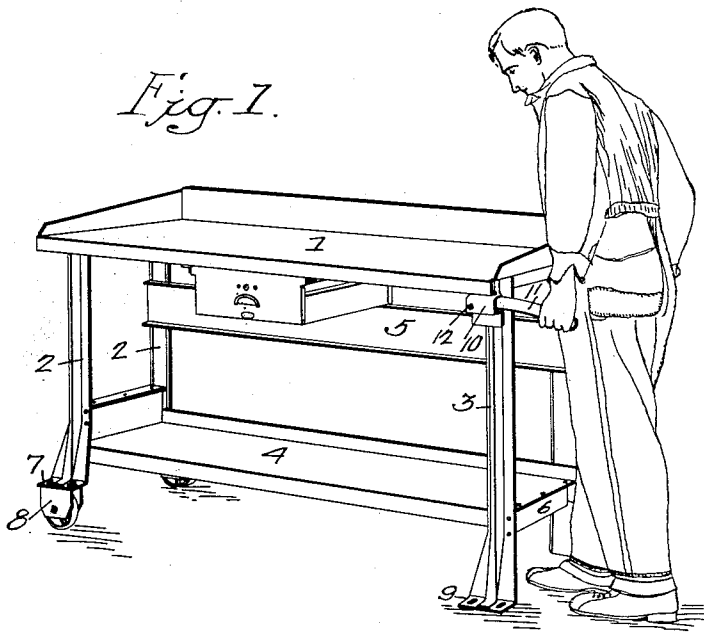


Fig. 2.

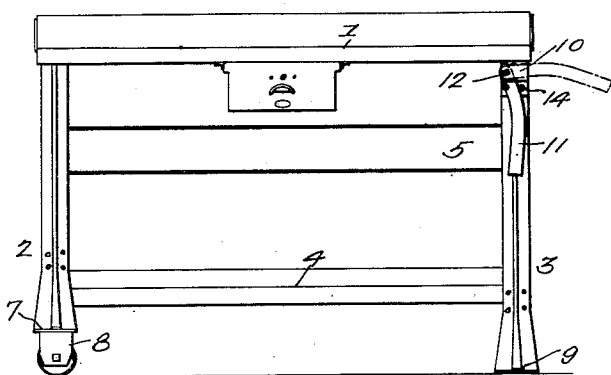


Fig. 3.

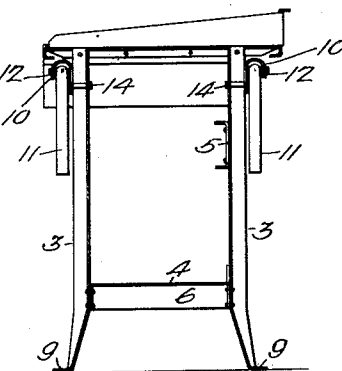
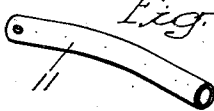


Fig. 5.



Fig. 4.



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UNITED STATES PATENT OFFICE

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PORTABLE WORK BENCH

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Our invention relates to certain improvements in work benches of the portable type.

One object of our invention is to make a metallic work bench which can be readily moved from place-to-place as required.

A further object of the invention is to make the handles so that they can be readily moved from a projecting position to a depending position clear of any obstructions, in order that they will not project beyond the edge of the bench.

In the accompanying drawings:

Fig. 1 is a perspective view of the work bench, showing a workman raising one end of the bench so that it can be moved to the place desired;

Fig. 2 is a side view of the bench;

Fig. 3 is an end view;

Fig. 4 is a detached perspective view of one of the handles; and

Fig. 5 is a detached perspective view of one of the bent plates forming the bearing for a handle.

Referring to the drawings, 1 is the top of a bench made of sheet metal in the present instance. 2 and 3 are the legs, and 4 is a bottom platform. 5 is an angle bar at the back of the bench extending from one back leg to the other, and the legs at each end are connected by transverse members 6.

The legs 2 at one end of the table are shorter than the legs 3, and the lower ends of the legs 2 are flanged as at 7. Casters 8 are secured to these flanges by bolts or other fastenings.

The ends of the legs 3 are flanged at 9 to form feet which rest directly on the floor, and when the table is in the position as in Fig. 2, the top is level, as the combined length of the legs 2 and the casters is equal to the length of the legs 3.

Secured to the legs 3 by bolts 14 at the underside of the top 1 of the bench are bearing plates 10 which are bent into U-shape as shown in Fig. 5 and are of such size as to receive the inner end of the handle 11. A bolt 12 extends through the opening in each bearing plate 10 and the handle as shown in Fig. 2, so that the handle can hang freely in a line with the legs, when not in use, so as to be out

of the way and can be raised as shown in Fig. 1 and in dotted lines in Fig. 2, the portion 13 of each plate 10 forming a stop to limit the upward movement of the handle, so that when the handles are grasped by the workman as in Fig. 1, one end of the table can be raised so that the table will rest upon the rollers of the casters, and this allows the bench to be moved readily from place-to-place.

These benches are extremely heavy, and required at least two men to lift a bench, but by our invention the bench can be moved readily from place-to-place by one man.

We claim:

The combination in a work bench having legs at each end, of rollers on one set of legs; a U-shaped plate secured to the outer side of each of the other legs, the back of each U-shaped plate being of greater length than the front; means extending through the elongated back of the plate by which the plate is secured to the legs under the top of the bench; a handle extending into the U-shaped portion of the plate; and a pivot pin at one end of the U-shaped plate on which the handle is pivoted, so that each handle will hang freely from the U-shaped plate and in the position to be raised when desired to move the bench, the U-shaped portions of the plate forming stops for the handle when in the raised position.

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