June 24, 1930. F. W. MILLER 1,765,496

WRENCH DISPLAY HOLDER

Filed June 1, 1928

Fig. 1.

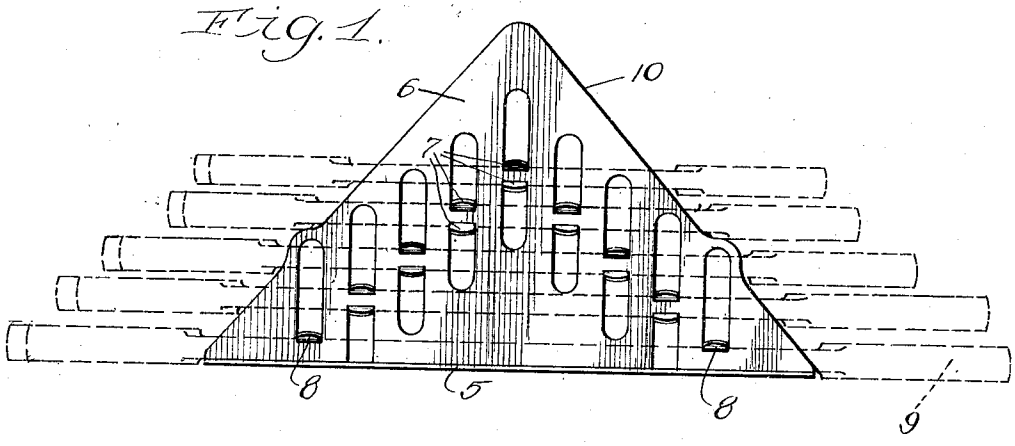


Fig. 2.

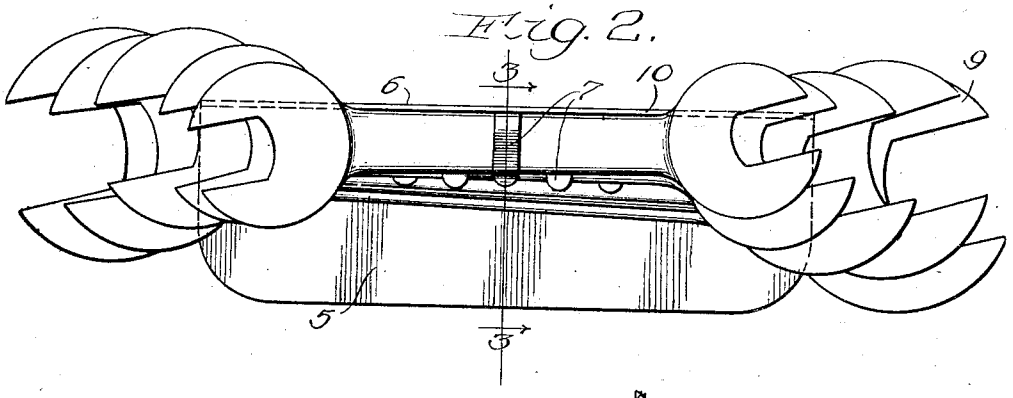


Fig. 3.

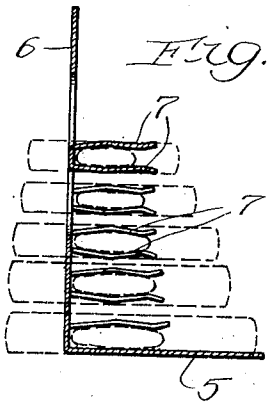
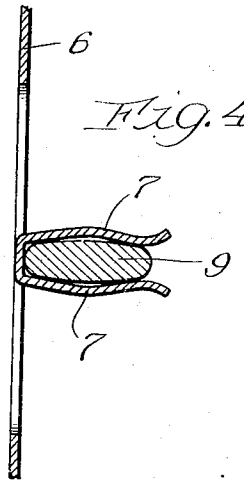


Fig. 4.



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UNITED STATES PATENT OFFICE

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WRENCH-DISPLAY HOLDER

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This invention relates to holders for wrenches or the like and particularly to sets of engineers' wrenches having double heads, although it may, of course, be used for other similar tools or wrenches. Wrenches of this character are preferably sold in sets of various sizes and such sets have heretofore been usually sold in rolls or cases which do not display the same at an advantage. In accordance with the present invention, I provide a holder which is not only pleasing in appearance but supports the set of wrenches in such a manner that the complete assembly is particularly attractive, and furthermore the holder may be utilized by the user in keeping the wrenches in a convenient manner for carrying and for use.

As above indicated, the objects of this invention are to provide an improved holder for wrenches whereby the wrenches will be displayed in an attractive manner; to provide a combined holder and set of wrenches whereby the wrenches will be supported in a convenient arrangement both for sales purposes and for use; to provide a simple and efficient holder or rack of this character which will not only be attractive in appearance but which will be economical to manufacture.

As shown in the accompanying drawings, Figure 1 is a front view of my improved rack or holder with wrenches shown therein in dotted lines;

Figure 2 is a plan view of the holder and wrenches;

Figure 3 is a cross sectional view taken on the line 3—3 of Figure 2; and

Figure 4 is an enlarged detail showing the formation of the holding jaws or clips.

In the particular form of the invention as shown in these drawings, the holder is formed of a single plate having a base 5 and an upright or vertical portion 6 which is provided with a plurality of clips or jaws for holding the wrenches. In a preferred form of the device for wrenches of various sizes and lengths, the upright 6 is made substantially triangular and the clips or jaws 7 are formed integrally therewith preferably by punching out tongues from the upright portion or back and bending them forwardly for receiving the wrenches. The lowermost pair of these clips, as shown at 8, coact with the base 5 for holding the lowermost wrench, as indicated at 9. This being the largest wrench of the set, its heads or jaws will project beyond the holder, and if desired the lower face thereof may be arranged in alignment with the bottom of the base so that the first wrench will assist in holding the device upright and will to a certain extent act as an auxiliary or extension of the base.

The clips for the succeeding wrenches are bent forwardly in pairs for engagement with the opposite ends of the wrenches and the top wrench in the arrangement shown is held by a single pair of clips. The pairs of clips for the succeeding wrenches are arranged closer together so as to give a pyramidal effect and so that sufficient metal may be obtained to form the tongues or clips. The converging edges 10 of the back or upright fit between the rearwardly extending portions of the heads of the wrenches and tend to prevent the longitudinal movement of the wrenches in the holder.

From this description it will be seen that the holder may be easily and cheaply made, and it will also be noted that it may be varied in size or form for different wrenches or the like; therefore I do not wish to limit myself to the exact construction herein shown and described, except as specified in the following claim in which I claim:

A device for holding engineers' wrenches of the type set forth which consists of a substantially rectangular base formed of sheet metal and having an integrally formed upwardly extending triangular support at the back thereof, said support having one pair of lugs adapted to coact with the base for hold-

ing the bottom wrench and having oppositely disposed pairs of lugs arranged in receding formation toward the top, each of said pairs being adapted to receive and support a wrench, the arrangement being such that the heads of the wrenches will engage with the edges of the triangular support to prevent longitudinal movement thereof, and the wrenches will be supported so that the center of gravity thereof will come within the base.

FRED W. MILLER.