March 25, 1941. O. J. COWLES 2,236,333

WRENCH HOLDER

Filed Jan. 15, 1940

Fig. 1.

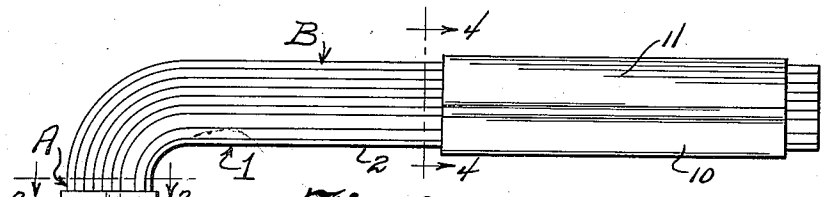


Fig. 3.

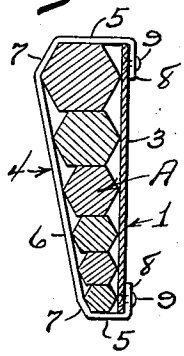


Fig. 4.

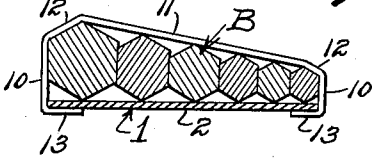


Fig. 2.

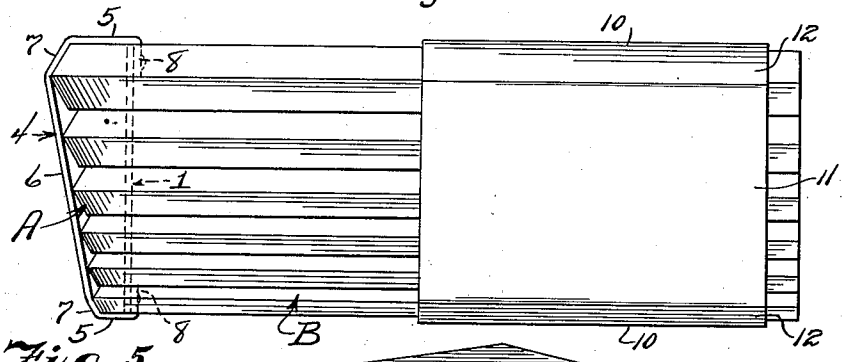


Fig. 5.

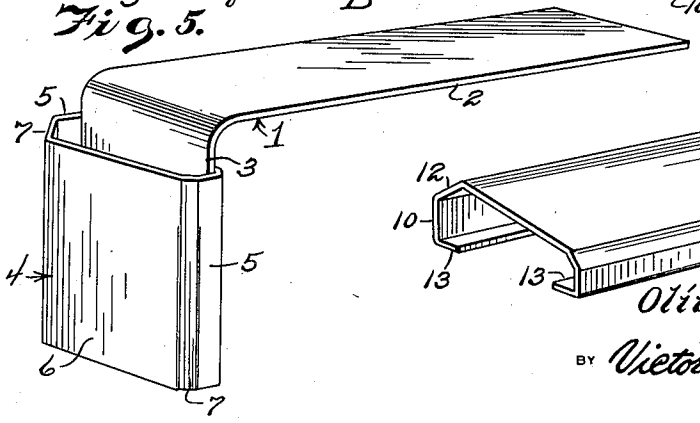


Fig. 6.

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WRENCH HOLDER

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Application January 15, 1940, Serial No. 314,007

3 Claims. (Cl. 206—16)

This invention relates to wrench holders, and its general object is to provide a holder for a set of wrenches of varying sizes, to fit and hold the same in graduated order, so that they will be retained in proper position for instant use and against loss and misplacement.

A further object is to provide a wrench holder that is primarily designed for hollow head set screw wrenches of the usual right angled type and the holder is shaped to fit the wrenches to not only follow the right angles configuration thereof, but also their cross sectional shape, with the wrenches in graduated order.

Another object is to provide a wrench holder in which the wrenches are in full view, so as to facilitate a selection thereof, and the wrenches can be individually removed and applied in an easy and expeditious manner.

A still further object is to provide a wrench holder, that is simple in construction, inexpensive to manufacture, and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation of my holder, with a set of wrenches therein.

Figure 2 is a top plan view thereof.

Figure 3 is a sectional view taken approximately on line 3—3 of Figure 1, looking in the direction of the arrows.

Figure 4 is a sectional view taken approximately on line 4—4 of Figure 1, looking in the direction of the arrows.

Figure 5 is a perspective view of the wrench receiving and supporting section of my holder, with the wrenches removed therefrom.

Figure 6 is a similar view of the cover section.

Referring to the drawing in detail, it will be noted that the holder shown, is designed especially for a set of six hexagonal hollow head set screw wrenches, but the holder can be made for a set of any number of wrenches and of any cross sectional shape, that is they may be round or square in cross section.

In any event, my holder includes a wrench receiving and supporting section that is provided with an elongated base plate 1 of a width to accommodate the number of wrenches in the set and is bent at right angles transversely adjacent one of its ends to provide a long portion 2 and a short portion 3, the latter being adapted to receive the head portions A of the wrenches, while the long portion 2 receives the handles B, as clearly shown in Figures 1 and 2.

In order to hold the head portions A of the wrenches associated with the short portion 3 of the holder, I provide a casing member 4 of a length substantially co-extensive with that of the portion 3. The casing member is made from a single piece of metal plate to provide side walls 5 and an outer wall 6 that is formed on the side walls by inclined portions 7 and formed on the side walls are flanges 8 directed toward each other and fixed to the short portion 3 by rivets or the like 9. One of the side walls is wider than the other, so that the outer wall 6 is disposed at an inclination with respect to the short portion 3, for cooperation therewith, as well as with the side walls and the inclined portions 7 to receive and fit the head portions of the wrenches in graduated order, as shown in Figure 3.

The cover section is shaped identical to that of the casing member 4 and is likewise formed from a single piece of metal plate to provide side walls 10, an outer wall 11, inclined portions 12 between the side walls and the outer wall, and inturned flanges 13 formed along the length of the side walls 10. The side walls 10 like the side walls 5, also vary in width, so that the outer wall 11 is likewise disposed at an inclination for cooperation with the long portion 2, the inclined portions and the side walls 10, to hold the handles B of the wrenches associated with the long portion 2, as clearly shown in Figure 4. However, the cover section is detachable from the long portion 2, and for that purpose is slidably mounted thereon, with the flanges 13 engaged with the underside of the long portion, as likewise shown in Figure 4, and the cover section is preferably longer than the casing member, as will be apparent upon inspection of Figure 1.

From the above description and disclosure in the drawing, it will be obvious that the wrenches are applied to my holder, merely by inserting the head portions A within the casing member, for disposal of the head portions between the casing member and the short portion 3, and thence the cover section is slidably mounted on the long portion 2 for disposal about the handle B. When it is desired to remove any one or more of the wrenches from the holder, it will be further obvious that the cover section is first removed, to

allow the wrenches to be lifted from the base plate.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A holder for a set of wrenches of graduated sizes, comprising a supporting section including a base plate bent at right angles to follow the longitudinal shape of the wrenches, casing means secured to one end portion of the base plate for cooperation therewith for receiving and holding the head portions of the wrenches, a cover section detachably and slidably mounted on the opposite end portion of the base plate for holding the handle portions of the wrenches on the base plate, and the casing means and cover section increasing in size from one side thereof to the other and shaped to fit the wrenches when in graduated order to hold the same against movement.

2. A holder for a set of wrenches of graduated sizes, comprising a supporting section including an elongated base plate bent to provide a long portion and a short portion disposed at right angles to each other to follow the longitudinal shape of the wrenches, casing means including flanged side walls having the flanges thereof fixed to the short portion for cooperation of the casing means with the short portion for receiving and holding the head portions of the wrenches, a cover section including flanged side walls with the flanges thereof slidably mounted on the long portion for slidable and detachable association of the cover section with the long portion for holding the handle portions of the wrenches thereon, and the casing and cover sections increasing in size from one side to the other and shaped to fit the wrenches when in graduated order to hold the same against movement.

3. A holder for a set of wrenches of graduated sizes, comprising a supporting section including a base plate bent to provide a long portion and a short portion disposed at right angles to each other to follow the longitudinal shape of the wrenches, a casing member formed from a single piece of metal plate shaped to provide side walls and an outer wall, flanges formed on the side walls and fixed to the short portion for cooperation of the casing member with the short portion for receiving and holding the head portions of the wrenches, a cover section formed from a single piece of metal plate shaped to provide side walls and an outer wall, flanges formed on the side walls of the cover section and extending inwardly therefrom for slidable movement on the long portion for detachably mounting the cover section thereto for holding the handle portions of the wrenches thereon, inclined portions included in the casing member and cover section and disposed between the outer walls and the side walls thereof, and one of the side walls of the casing member and cover section being wider than the other side walls thereof for inclining the outer walls to follow the shape of the wrenches when in graduated order to hold the same against movement.

OLIVER J. COWLES.