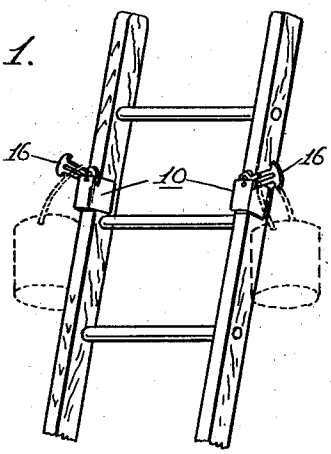
Feb. 12, 1946. G. THORSON 2,394,823

CONTAINER HOLDER FOR LADDERS AND THE LIKE

Filed Aug. 10, 1944

Fig. 1.



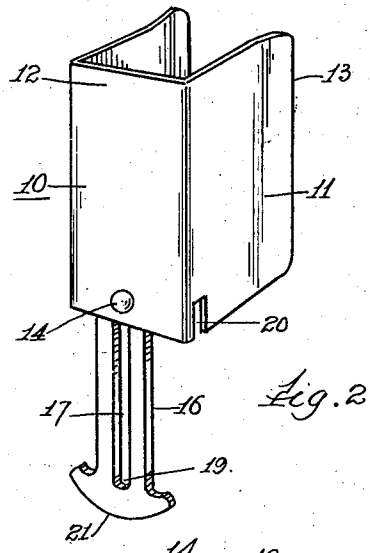


Fig. 2.

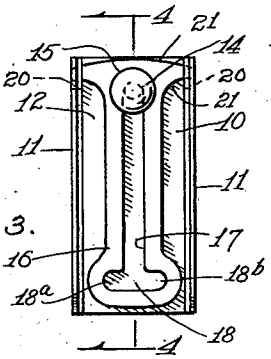
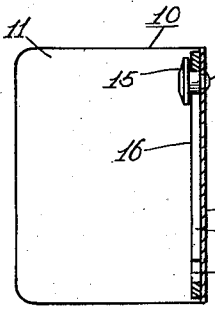


Fig. 3.



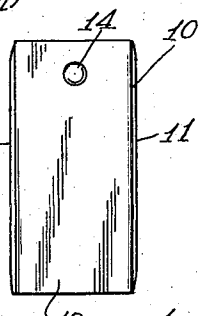


Fig. 5.

Fig. 4.

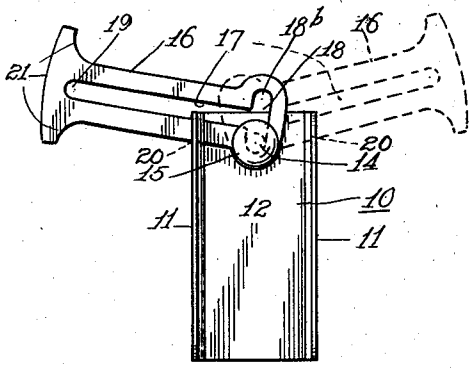


Fig. 6.

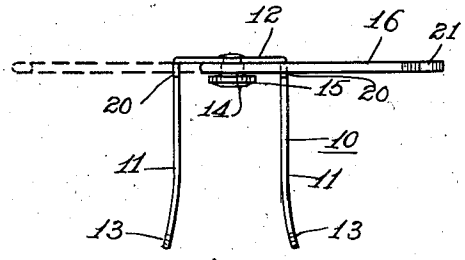


Fig. 7.

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UNITED STATES PATENT OFFICE

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CONTAINER HOLDER FOR LADDERS AND THE LIKE

George Thorson, Chicago, Ill.

Application August 10, 1944, Serial No. 548,918

5 Claims. (Cl. 248—210)

This invention relates to container holders for ladders and the like. An object of this invention, among others, is to provide removable means for attaching a holder for a container to a ladder or the like and one which will be convenient, easy to make and inexpensive in cost.

An advantage of my invention, among others, is that my holder may be applied to a ladder or other similar device whether the ladder is being used for picking cherries, painting or other work. The holder may be applied to either upright of the ladder and securely held in place. Whichever upright of the ladder the holder is used upon the holder is equally adaptable for the process since I have provided a swingable element for holding the pail or basket and this swingable element may be swung in opposite directions as needed to accomplish the object.

Further objects and advantages will appear and be brought out more fully in the following specification, reference being had to the accompanying drawing, in which:

Figure 1 is a view illustrating the use of the holder on a ladder with buckets suspended therefrom as indicated by the dotted lines.

Figure 2 is a view showing the holder in the inverted position with the arm extending downward.

Figure 3 is a view looking toward the back of the holder with the arm nesting therein.

Figure 4 is a cross section through the holder on line 4—4 of Figure 3.

Figure 5 is a front view of the holder.

Figure 6 is a view looking toward the back of the holder with the extending arm indicated in full lines in one position and in dotted lines in a similar position at the opposite side.

Figure 7 is a plan view of the holder showing the arm extended in full lines at one side and with the position thereof at the opposite side indicated in dash lines.

Referring more particularly to the drawing in detail I have provided a holder or spring clamp 10, comprising side sections 11, and back joining section 12. This holder is made to fit the standard upright of a ladder and is slightly flared out as at 13. In case it is desired to apply the holder to an irregular sized upright of a ladder it will be obvious that the side sections may be adjusted. As shown when the clamp is applied to a standard sized upright the holder will be applied under tension which will secure it in place. However the tension will not be too great to prevent the holder from being applied and taken off the upright in a satisfactory manner. On the inside of the back I have provided a pin 14 for a head 15. Adapted to be swung on said pin is a container holder 16, having a slot 17, with an enlargement 18. When the holder is not being used the container holder will normally slide downwardly upon the pin until the pin reaches the top portion 19, on the slot 17 as in Fig. 3. In use, the holder 16, may be swung either to the right or to the left when the pin will be located at either 18—*a* or 18—*b*, as the case may be.

I have also provided in each of the said sections 11, a cut out 20, and when in use, the basket holder 16 will also drop in one of the cut outs 20. In this way, the portion of the holder 16, which is outside the holder 10, will be heavier than the part of the holder 16, inside the holder 10. In this way also, the pin 14, will prevent the swingable holder 16, from falling through the top and the provision of the cut outs 18—*a* and 18—*b* will give the holder 16, proper angle and balance.

I have also provided hook shaped portions 21, on the outer end of the swingable holder 16, to insure the retention of a basket or a pail thereon.

By my invention I have provided a device which is compact when not in use. In use it may be easily applied to a ladder preferably above the rung so that even if there were any possibility of slipping, such possibility would be eliminated by the rung. The device is simple of operation and the swingable holder is kept securely in place by the means provided. In this way a simple, easy, removable device is provided for efficient use in painting, cleaning, apple and cherry picking et cetera.

Another advantage of my invention is that the pail or basket is held outside the ladder so that it is not in the way of the operator.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a container holder for ladders, a U shaped supporting member adapted to be detachably fitted on a ladder upright and including side sections joined by a back, and a container holder pivotally mounted on the inner face of

said back on an axis substantially normal to said back whereby it is adapted to cooperate with either of said side sections in assuming a container holding position.

2. In a container holder for ladders, a U-shaped supporting member including side sections joined by a back, the free edges of said side sections being flared outwardly, and a container holder pivotally mounted on the inner face of said back on an axis substantially normal to said back whereby it is adapted to cooperate with either of said side sections in assuming a container holding position.

3. In a container holder for ladders, a U shaped supporting member including side sections joined by a back, each of said side sections being formed with a slot closely adjacent to said back, said slots opening into the upper edges of said side sections, and a container holder pivotally mounted on the inner face of said back and adapted to be received in either of said slots in assuming a container holding position.

4. In a container holder for ladders, a U shaped supporting member including side sections joined by a back, a pivot pin carried by said back and including a head spaced inwardly from the inner face of said back, and a container holder formed with a T shaped slot which receives said pivot pin, said container holder being adapted to cooperate with either of said side sections in assuming a container holding position.

5. In a container holder for ladders, a U shaped supporting member including side sections joined by a back, the free edges of said side sections being flared outwardly to facilitate application of said supporting member to the upright of a ladder, each of said side sections also being formed with a slot opening into the upper edge thereof and contiguous to said back, a pivot pin extending inwardly from the inner face of said back and having a head, and a container holder formed with a T shaped slot which receives said pivot pin, said container holder being adapted to be swung into a position in which it is received in one of said slots.

GEORGE THORSON.