

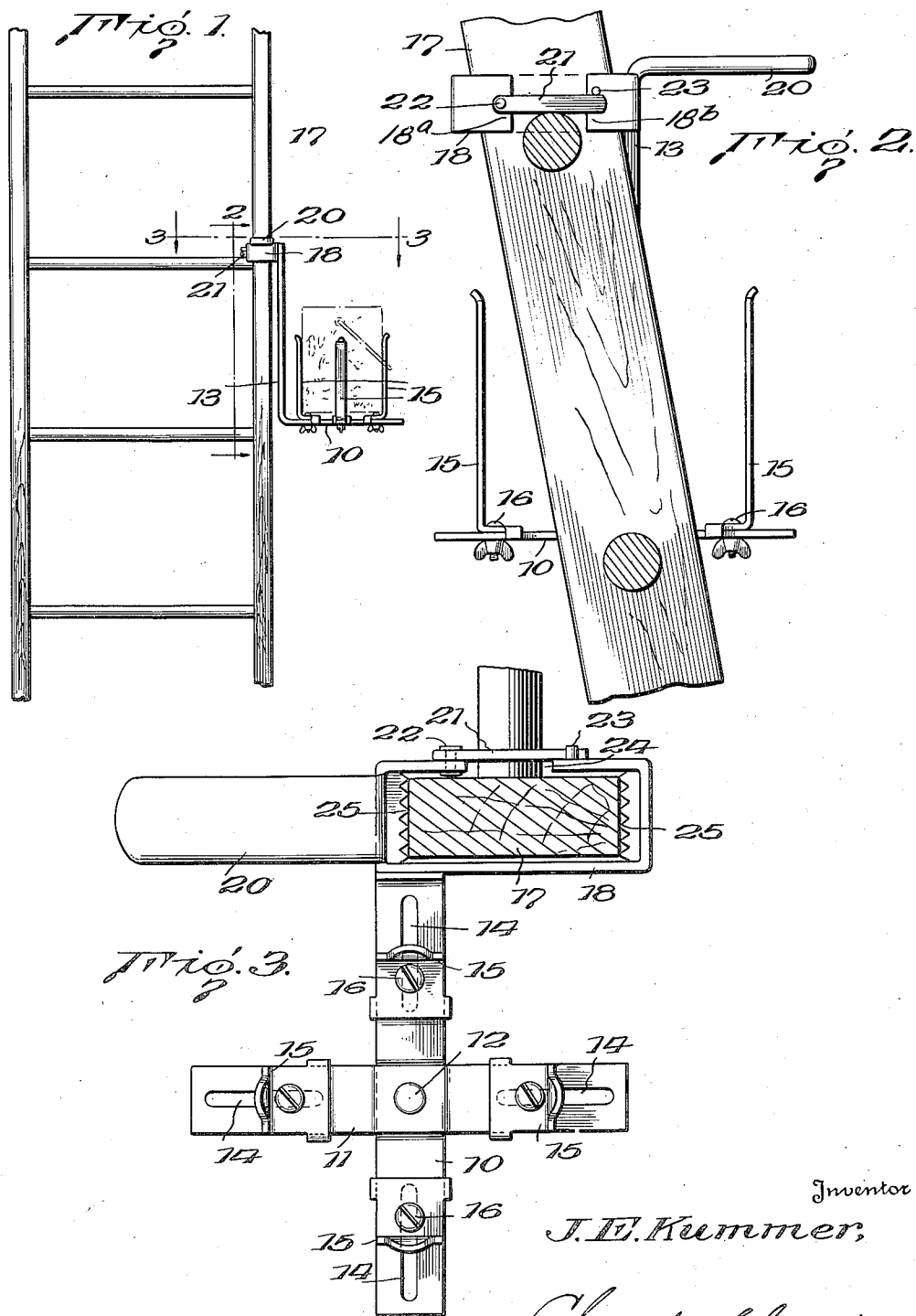
Oct. 6, 1936.

J. E. KUMMER

2,056,527

ATTACHMENT FOR LADDERS

Filed March 22, 1935



Inventor

J. E. Kummer,

By *Church & Church*

His Attorneys

UNITED STATES PATENT OFFICE

2,056,527

ATTACHMENT FOR LADDERS

James E. Kummer, Junction City, Kans.

Application March 22, 1935, Serial No. 12,483

3 Claims. (Cl. 248—210)

This invention relates to supports for attachments to ladders used by painters and workers in other lines.

One object of the invention is to provide a support, say, for a paint bucket, which can be readily secured on a ladder stile and which, when once secured on the stile, cannot be accidentally detached.

More specifically, the invention contemplates a support secured to the ladder stile by a band attached to said support and adapted to surround the stile, one side of said band having an opening therein through which the ladder rungs may pass when adjusting the support on the stile. Said opening is provided with closure means, preferably in the form of a link pivoted on the band, and by swinging the link downwardly it is removed from the opening, but upward movement of said link is prevented by a stop or lug on the band.

With these and other objects in view, the invention consists in certain details of construction and combinations and arrangements of parts, all as will hereinafter be more fully described and the novel features thereof particularly pointed out in the appended claims.

In the accompanying drawing:—

Figure 1 is a front elevational view, illustrating a portion of a ladder with the present support installed thereon;

Fig. 2 is a vertical section on the line 2—2 of Fig. 1; and

Fig. 3 is a transverse section on the line 3—3 of Fig. 1.

The support proper is preferably composed of a bracket having a foot portion formed of two crossed metallic straps 10, 11, secured at their point of intersection by a rivet 12, and an arm 13 extending upwardly from one end of strap 10. If desired, the other end of strap 10 and both ends of strap 11 may be provided with slots 14 in which clips 15 are adjustably secured by locking bolts 16. By adjusting the clips 15 toward or from the ends of the straps, buckets of varying diameter can be accommodated on the bracket.

To retain the bracket on the stile 17 of a ladder, a metallic band 18 is provided at the upper end of arm 13. Preferably, the configuration of the band conforms to the cross section of the stile but the band is somewhat larger than the stile to facilitate application and adjustment of the band on the stile. In the present instance, the band is of rectangular shape and at its ends it is provided with inwardly projecting serrated

members 25 which bite, so to speak, into the corresponding surfaces of the stile with sufficient force to hold the attachment at any desired point on the ladder. To facilitate handling the attachment, it may be provided with a handle 20 projecting from one end thereof.

In order to permit the band to be moved past the ladder rungs, it is made in sections, one section preferably taking the form of a link 21 pivoted to the other section and adapted to bridge or span the space 24 between the terminals 18^a, 18^b, of the other section. One end of said link is pivoted at 22 on terminal 18^a, and its free end is adapted to abut against a stop, in the form of a lug 23, on terminal 18^b. With this construction, if the band is positioned with the link 21 resting on a rung of the ladder, the serrated members 25 need not be relied upon to secure the attachment, as the upward movement of the link is limited by stop 23 and the band will be firmly supported on the ladder rung. However, if it is desired to move the band past one or more rungs, the link 21 is swung downwardly from stop 23 until opening 24 is clear, whereupon the attachment can be raised or lowered any desired distance on the stile.

It will be appreciated that in installing the attachment on a ladder, the band is placed over the upper end of the stile with link 21 in open position and the band slipped along the stile to the desired location where it will be secured either by the serrated members 18 or by said members and the band resting on one of the rungs.

What I claim is:

1. An attachment for ladders comprising a bracket having means for supporting a bucket or the like, a band secured to said bracket adapted to surround one of the stiles of the ladder, and clamping means on said band engageable with said stile, said band having an opening therein through which the ladder rungs may pass, a pivoted link closing said opening and means for limiting the pivotal movement of said link.

2. An attachment for ladders comprising a bucket support, an upwardly extending arm on said support, and a band connected to said arm adapted to surround one of the stiles of the ladder, said band having an opening therein, and including a link pivoted at one side of the opening adapted to span said opening, and a projection at the other side of said opening engageable by said link when the latter engages a ladder rung

upon downward movement of the band on the ladder stile.

3. An attachment for ladders comprising a bucket support, an arm projecting upwardly from said support, a rectangular band on said arm adapted to surround one of the stiles of the ladder, and serrated means at the interior of two opposite sides of said band engageable with said

ladder stile to clamp the band and support on the stile, said band having an opening therein through which the rungs of the ladder may pass and comprising a closure for said opening, and means for limiting the movement of said closure under pressure exerted thereon by engagement of a ladder rung with the lower edge thereof.

JAMES E. KUMMER.