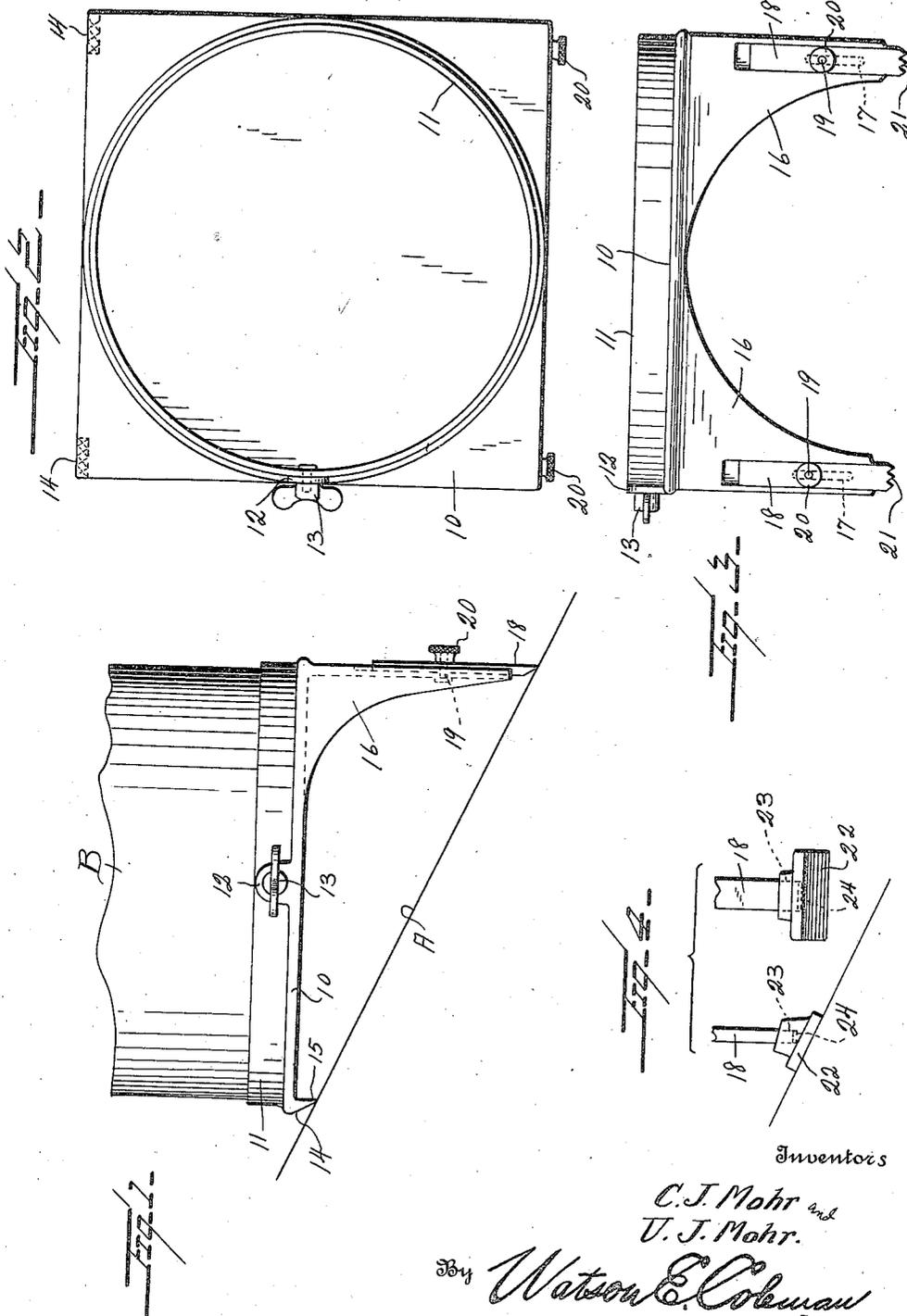


1,423,726.

C. J. AND U. J. MOHR.
PAINT BUCKET HOLDER.
APPLICATION FILED SEPT. 10, 1921.

Patented July 25, 1922.

2 SHEETS—SHEET 1.



Inventors

C. J. Mohr and
U. J. Mohr.

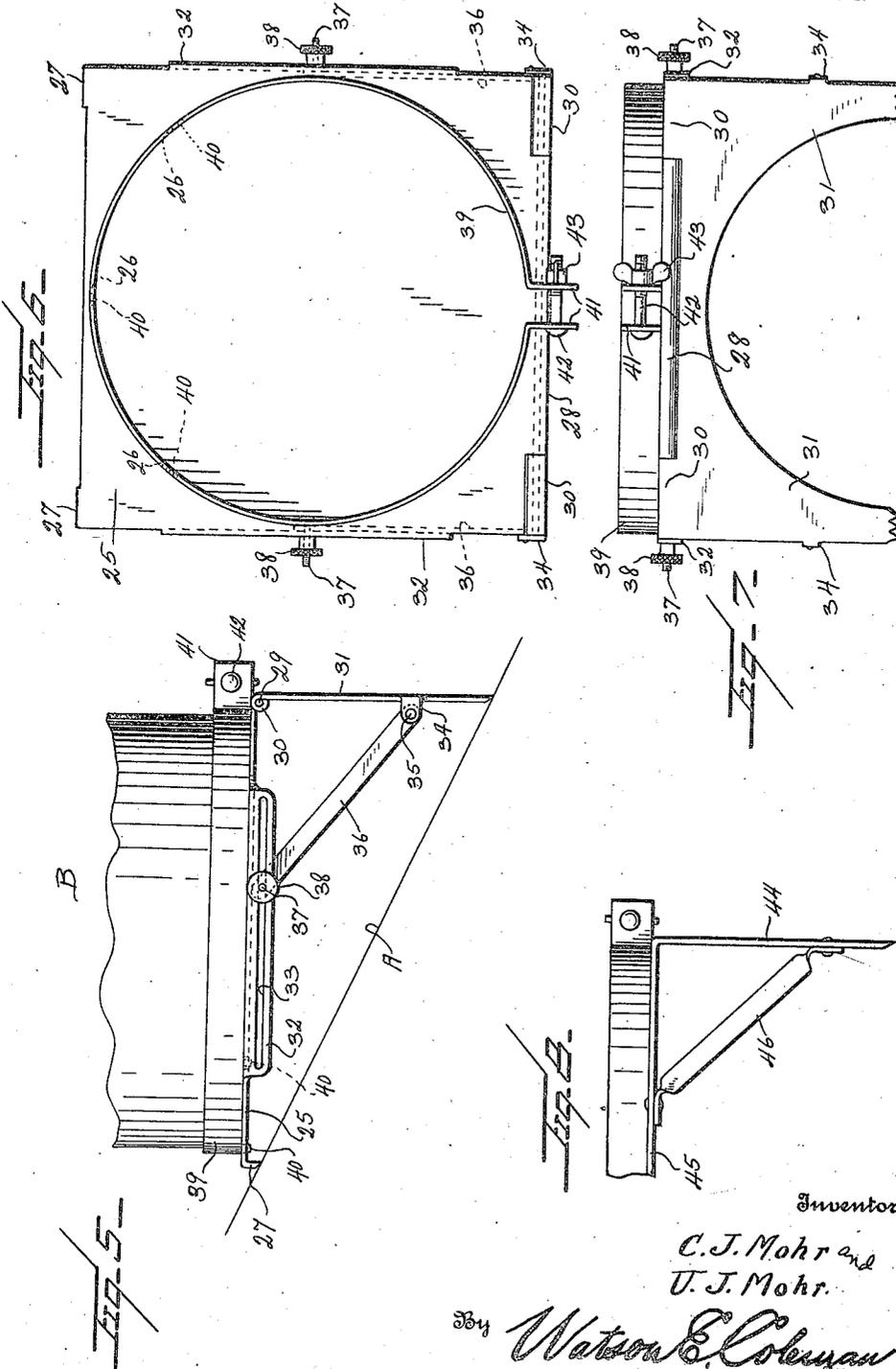
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UNITED STATES PATENT OFFICE.

CARL J. MOHR AND URBAN J. MOHR, OF DAYTON, OHIO.

PAINT-BUCKET HOLDER.

1,423,726.

Specification of Letters Patent. Patented July 25, 1922.

Application filed September 10, 1921. Serial No. 499,665.

To all whom it may concern:

Be it known that we, CARL J. MOHR and URBAN J. MOHR, citizens of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Paint-Bucket Holders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to supports, particularly to devices for supporting paint buckets or pails and the like, and has for its object the provision of a novel bucket jack or support adapted for use by painters and others working upon roofs, the device being of peculiar formation whereby it may be engaged upon a sloping roof for holding a paint or other bucket in an upright position.

An important object is the provision of a device of this character which is provided with adjustable legs whereby it may be used upon roofs of different pitch for holding the bucket upright, the device being furthermore so constructed as to prevent any slipping when a paint brush is wiped against the edge thereof or in case any lateral strain should be applied which might ordinarily tend to move or upset the bucket.

An additional object is the provision of a device of this character which is provided with means for clamping the bucket so that the latter cannot be tipped over with respect to the support.

Another object is the provision of a device of this character which will be simple and inexpensive in construction, easy to adjust and apply, highly efficient in use, durable in service and a general improvement in the art.

With the above and other objects and advantages in view, the invention consists in the details of construction to be hereinafter more fully described and claimed, and illustrated in the accompanying drawings, in which:

Figure 1 is a side elevation showing one form of our device;

Figure 2 is a plan view;

Figure 3 is an elevation at right angles to

Figure 1;

Figure 4 is a detail view showing auxiliary feet;

Figure 5 is a side elevation of another form;

Figure 6 is a plan view thereof;

Figure 7 is an elevation at right angles to Figure 5; and

Figure 8 is a fragmentary elevation showing still another modification.

Referring more particularly to the drawings, the letter A designates the line of a roof upon which it is desired to support a paint or other bucket B. In carrying out our invention we provide a supporting base 10 which in the present instance may be a casting and this base is preferably of rectangular shape and provided on its upper surface with an upstanding circular flange 11 which has one point provided with an upstanding lug 12 through which extends a thumb screw 13 adapted to clampingly engage the bucket B which rests upon the base 10 within the confines of the flange 11.

Formed at two adjacent corners of the base 10 are the rear legs 14 which terminate in penetrating points 15. Formed on the opposite corners of the base are depending legs 16 which are relatively long compared with the legs 14 and which may be called the front legs. The lower ends of these front legs are formed with elongated slots 17 and slidably mounted upon the legs are elongated strips or plates 18 which are held in adjusted position by means of screws 19 which pass through the slots 17 and through the plates 18 and which carry clamping nuts 20. By this construction it will be seen that the plates 18 may be adjusted to extend to a greater or less extent or degree below the legs 16 for the purpose of adjusting the device for use upon roofs of different pitches. It is also preferable that the lower ends of the plates 18 be toothed or provided with penetrating points, as shown at 21.

In the use of this form of the device it will be seen that the base is positioned at the desired location upon the roof and that the plates 18 are adjusted by the means described so that the base will be in horizontal position so that the bucket clamped within the flange 11 will be supported in absolutely upright position. The points 15 and 21 will bite into the roof and prevent slipping of the device, as will be readily apparent.

In Figure 4 we have shown an attachment for the lower ends of the plates 18 so that the device will be prevented from slipping when used on tin roofs. In this figure we have shown a rubber block 22 formed with a socket 23 receiving the lower end of the

plate 18 and located at the base of the socket is a small metal plate 24 which is for the purpose of preventing the teeth or points 21 from cutting through the rubber. When the device is used on tin roofs, these rubber blocks are simply placed upon the lower ends of the strips 18 whereupon the frictional engagement of the rubber with the tin roof will prevent the device from slipping.

In Figures 5 to 7 inclusive we have shown another form of the device which is intended to be constructed of sheet metal. In this form the numeral 25 designates a rectangular metal plate which is formed with a plurality of slots 26 arranged in circular series for a purpose to be described. Formed at two adjacent corners of this plate are downwardly extending legs 27 which preferably terminate in penetrating points and which may be called the rear legs of the device. The intermediate portion of the opposite side of the sheet is formed with a knuckle 28 through which passes a pintle 29 upon which are hinged knuckles 30 formed upon the upper ends of elongated strips or plates 31 which constitute the front legs and which preferably terminate in penetrating points.

Formed upon the opposite side edges of the plate 25 are downwardly extending flanges 32 which are formed with elongated slots 33. Formed on the plates 31 are ears 34 with which are pivotally connected, at 35, the lower ends of inclined braces 36 which have their other ends carrying screws 37 passing through the slots 33 and carrying clamping nuts 38.

The numeral 39 designates a contractible band of sheet metal which is disposed upon the plate 25 and which is formed at its lower edge with a plurality of depending lugs 40 which fit within the slots 26. The ends of this band are formed with outturned ears 41 through which passes a screw 42 carrying a wing nut 43. It should be noted that the slots 26 and lugs 40 are formed at the end of the band most remote from the ears 41 in order not to interfere with contraction of the band.

This form of the device is used in substantially the same manner as the previously described form except that the adjustment of the front legs for the purpose of bringing the plate 25 in a horizontal position is effected by moving the brace rods 36 along the slots 33 so as to vary the angular position of the front legs 31, the desired adjustment being maintained by tightening the nuts 38. The bucket B is placed upon the plate 25 within the band 39 and the latter is then contracted into clamping engagement with the bucket by tightening the nut 43. The engagement of the lugs 40 within the slots 26 will prevent the band and bucket from being disposed laterally upon the plate. If

desired, the same rubber blocks previously described might be used on the front legs 31 in case the device is used on a tin roof.

In Figure 8 the front legs 44 are formed integrally upon a plate 45 which corresponds to the plate 25 and the slotted flanges are eliminated, the legs 44 being braced by inclined strips 46 secured thereto and to the plate 45 by any desired means. This form of the device is not adjustable for roofs of different pitches but in other respects is capable of use in the same manner as both of the above described forms.

From the foregoing description and a study of the drawings it will be apparent that we have thus provided a simply constructed and consequently inexpensive bucket jack or holder by means of which paint or other buckets or pails may be supported in absolutely upright position upon a roof of any pitch, ample adjustment being provided for taking care of any variations of pitch. The device is clearly a great convenience and time and labor saver for painters or other mechanics having occasion to support a bucket or similar receptacle upon a sloping surface. Owing to the simplicity of the construction it is obvious that there is practically nothing to get out of order and that the device should consequently have a long life and satisfactorily perform all the functions for which it is intended.

While we have shown and described the preferred embodiment of the invention, it is of course to be readily understood that we reserve the right to make such changes in the form, construction and arrangement of parts as will not depart from the spirit of the invention or the scope of the sub-joined claims.

Having thus described our invention, we claim:

1. A device of the character described comprising a base plate provided with supporting legs, means for supporting a receptacle upon the base plate consisting of a contractible band provided with clamping means for effecting contraction about a receptacle placed within the confines of the band, and connecting means between the band and the base plate, said connecting means being at that portion of the band most remote from the clamping means whereby to permit the contraction and expansion.

2. A device of the character described comprising a base plate provided at two corners with rigid legs, a pair of relatively long legs hingedly mounted at the other corners of the base plate, depending flanges formed on the edges of the base plate, between said short and long legs and formed with elongated slots, brace members pivotally connected with the long legs, screws

carried by said braces and passing through said slots, and adjusting nuts threaded on said screws.

3. A device of the character described
5 comprising a base plate provided at two adjacent corners with depending short legs, relatively long depending legs at the other corners of the base plate, and means for supporting a receptacle upon the base plate
10 comprising a contractible band adapted to

receive a receptacle and provided with clamping means for effecting contraction, said band being formed on its lower edge with a series of lugs, and the base plate being formed with slots receiving said lugs. 15

In testimony whereof we hereunto affix our signatures.

CARL J. MOHR.
URBAN J. MOHR.