March 25, 1941. W. PENNEY 2,236,187

PAINT PAIL AND BRUSH HOLDER

Filed May 24, 1939

Fig.1.

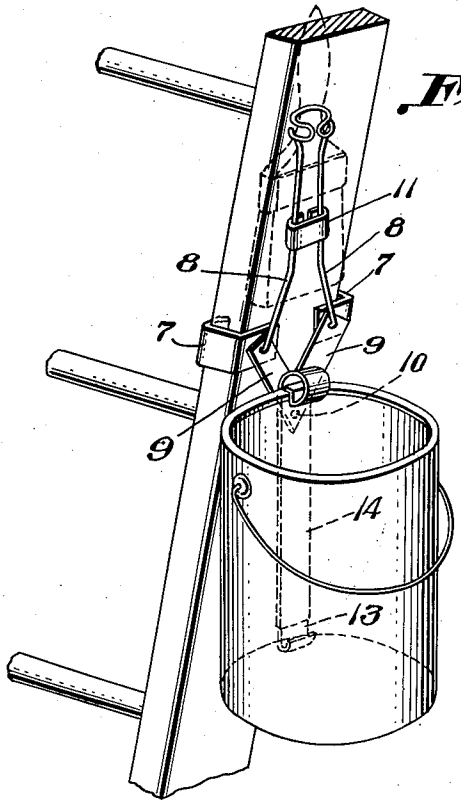


Fig.2.

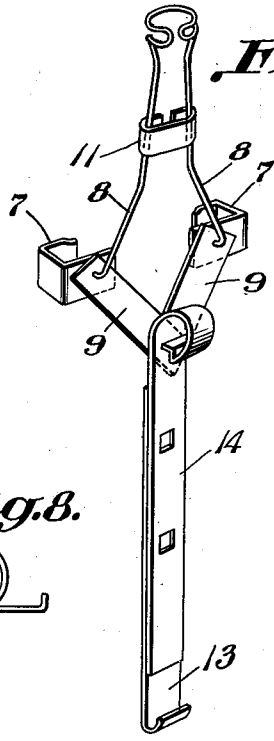


Fig.8.



Fig.5.

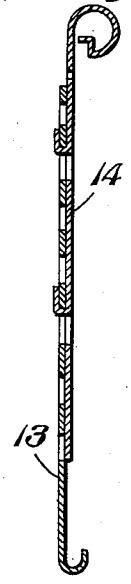


Fig.7.



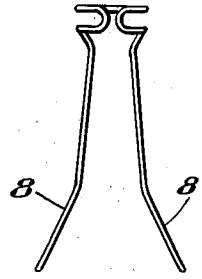


Fig.6.

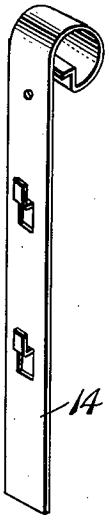


Fig.3.

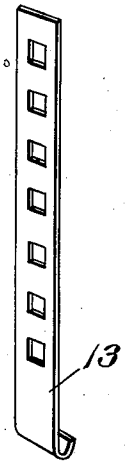


Fig.4.

Inventor.

Walter Penney

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UNITED STATES PATENT OFFICE

2,236,187

PAINT PAIL AND BRUSH HOLDER

Walter Penney, Colonie, N. Y.

Application May 24, 1939, Serial No. 275,470

1 Claim. (Cl. 248—210)

This invention relates to a device intended to support a brush and paint pail.

One object of the invention is to free the opening of a paint pail from the obstruction of a bail, the rungs of a ladder or any other object that would interfere with easy access to contents of container. Accordingly, to eliminate obstructions, this device has been designed yet to provide a place where a paint brush may be held.

In the accompanying drawing:

Fig. 1 is a perspective view of the device attached to a ladder frame, the device supporting a paint pail and a brush.

Fig. 2 is a detailed view showing all of the component parts in a corresponding position to that illustrated in Fig. 1.

Fig. 3 illustrates the upper half of a metal strip showing curled spring lock adapted to fit the upper rim of a paint pail, and also shows two metal tongues and hole for rivet.

Fig. 4 illustrates the lower half of metal strip showing slot holes adapted to receive the two metal tongues shown in Fig. 3, the lower end of metal strip curled to grip bottom rim of paint pail.

Fig. 5 is side view of Fig. 3 and Fig. 4 assembled in position to receive a paint pail.

Fig. 6 is front view of looped wire brush holder with two downwardly extending wire legs.

Fig. 7 is side view of wire brush holder, handle and legs.

Fig. 8 is top view of looped wire brush holder and the bent ends of two wire brush holder legs, called shanks or shafts in the following specifications.

Another object of the invention is to provide a convenient means of attaching brush holder and pail holder, which is a part of the brush holder, to left or right side frame of single or extension ladder. The attachment to ladder is accomplished by the flexibility of two holding jaws 7, 7 which pivot on shanks or bent ends of brush holder legs 8, 8. These shanks or shafts also go through holes in the top ends of metal off-set leverage pieces 9, 9 and they are riveted to hold together all the parts mentioned and have washers between joints permitting their free and easy movement. The metal off-set leverage strips 9, 9 are hinged at their base by rivet 10 and top ends thereof are expanded by the spring action of brush holder legs 8, 8 when lock is released or pulled upward into neck of brush holder. This is the open or applying position to ladder frame. Flexible holding jaws 7, 7 conform to ladder frame as lock 11 drops downward on brush holder legs which are notched at intervals to permit adjustment for various sizes of ladder frames.

The two metal pieces 13, 14 are so fashioned by tongue and slot arrangement as to permit adjustment of these two pieces for various sized containers. The lower half of 13 is curled at the bottom to fit and grip rim of pail, the upper half of 14 has a spring lock that snaps down over top rim of pail after the two pieces 13, 14 have been adjusted for height of container. The same shank of rivet 10 that hinges two leverage pieces 9, 9, pierce metal strip 14 two inches down from top of same and a washer between joints permits swing of pail holder which, with weight below center, will always stand upright regardless of angle of ladder. The spot holding of the instrument to ladder frame is accomplished by the leverage on off-set pieces 9, 9 which, when weighted by the container, are forced down close to outside of ladder frame and cant or tilt holding jaws 7, 7 until they grip ladder frame. This leverage operation is reversed by pressure being brought to bear on the lifting handle and when weight has been sufficiently released the holding jaws 7, 7 straighten horizontally, thus permitting holder and container to be raised or lowered.

The lifting handle is so formed by the looping of spring wire as to provide a finger-hold, also it provides a place where the narrow part of a brush handle may be easily engaged or disengaged, the supporting legs of handle attached to pail holder in such a manner that brush when attached hangs vertically close to the side of pail thus giving unobstructed access to contents of the container.

What I claim is:

A device as described, comprising a metal band, two vertical wire loops, said loops adapted to hold a paint brush, downwardly extending legs of said loops encircled at their intermediate portion by the metal band, two metal holding jaws, said jaws adapted to partly surround the frame of a ladder, said jaws having an opening through which the rungs of a ladder may pass, two metal off-set leverage pieces, and two interlocking metallic strips, said jaws pivoting on the lower ends of the brush holder legs, said jaws also pivoting on the upper ends of the two metal off-set leverage pieces, said off-set metal leverage pieces adapted to clamp the holding jaws to a ladder frame, said off-set leverage pieces pivot on their converged ends to the upper portion of the two interlocking metal strips, said interlocking metal strips adapted to hold a paint pail.

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