

No. 811,514.

PATENTED JAN. 30, 1906.

C. MILLS.
ADJUSTABLE BRACKET FOR EMPLOYMENT ON WINDOWS, LADDERS, AND
PARAPETS.

APPLICATION FILED JUNE 26, 1905.

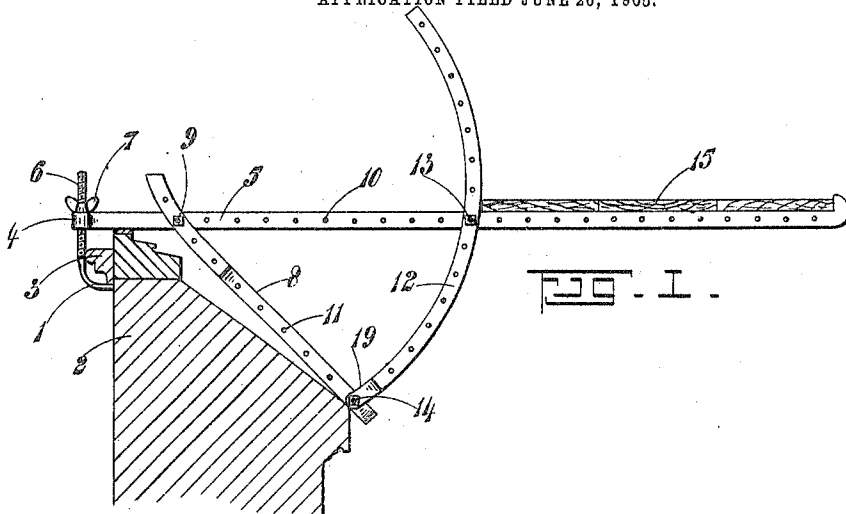


FIG. 1.

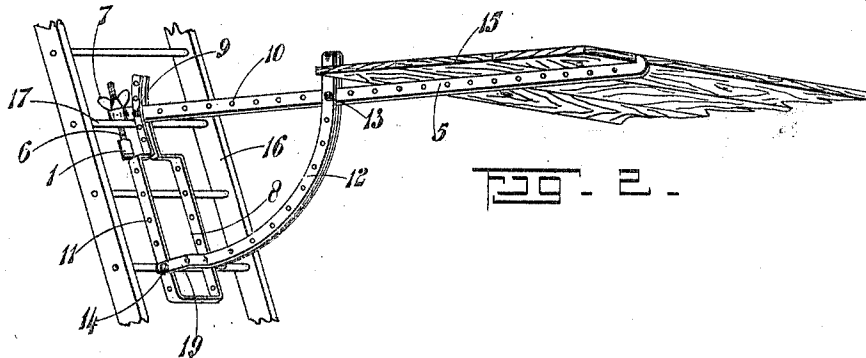


FIG. 2.

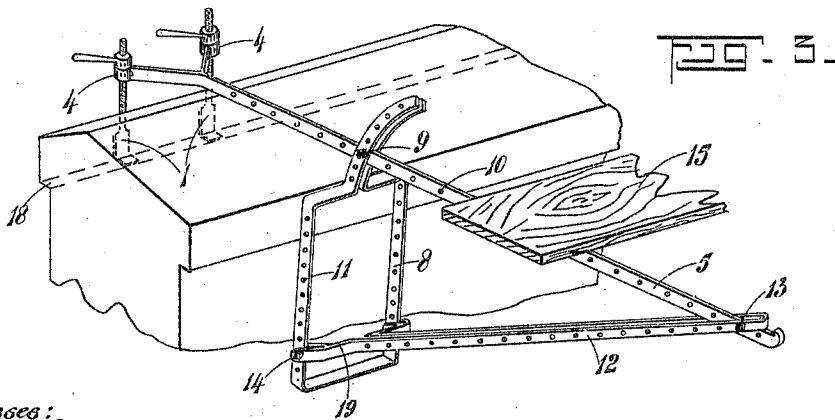


FIG. 3.

Witnesses:
E. S. Baldwin
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UNITED STATES PATENT OFFICE.

CHARLES MILLS, OF WOOLSTON, NEAR CHRISTCHURCH, NEW ZEALAND.

ADJUSTABLE BRACKET FOR EMPLOYMENT ON WINDOWS, LADDERS, AND PARAPETS.

No. 811,514.

Specification of Letters Patent.

Patented Jan. 30, 1906.

Application filed June 26, 1905. Serial No. 267,163.

To all whom it may concern:

Be it known that I, CHARLES MILLS, a subject of His Majesty the King of Great Britain and Ireland, residing at 33 Ferryroad, Woolston, near Christchurch, in the Provincial District of Canterbury, in the Colony of New Zealand, have invented certain new and useful Improvements in Adjustable Brackets for Employment on Windows, Ladders, and Parapets, of which the following is a specification.

This invention provides an improved adjustable bracket for carrying a platform for use in painting and sign-writing upon the walls of buildings, in cleaning windows, and such like purposes.

The bracket is adapted to be adjusted upon the sill of a window or upon a ladder or a parapet.

In practice two brackets are employed, one for each end of the platform.

Referring to the drawings, Figure 1 is a side elevation of the bracket adjusted upon a window-sill. Fig. 2 is a perspective elevation of the bracket adjusted upon a ladder. Fig. 3 is a perspective elevation of the bracket adjusted upon a parapet.

As applied to a window-sill a hook 1, adapted to clip upon the side of the sill 2 or upon the molding 3 of the window, passes through an eye 4, formed upon the end of a platform-bar 5, the hook being adjustable therein by its screw-threaded shank 6 and a wing-nut 7. The platform-bar projects through and outwardly from the window and has pivoted to it a bifurcated arm 8, which rests upon the window-sill. The arm 8 is adjustable upon the platform-bar 5 by a bolt 9, which passes through one or other of a plurality of holes 10 and 11 in the bar and in the arm. The lower part of this arm is opened out into the shape of a parallelogram to form a wide base for the bracket. A bifurcated stay-bar 12 passes upon each side of the platform-bar 5 and is pivotally connected thereto by a bolt 13 and, depending downwardly upon each side of said bar, is pivoted upon a bolt 14, which passes through the extremities of the bifurca-

tion 19 and through the opened-out part of the bifurcated arm 8. The stay-bar 12, similarly to the platform-bar and the bifurcated arm, has a plurality of holes, through one or other of which the bolt 13 is passed for adjusting purposes. The bracket may thus be adjusted to suit any pitch of window-sill and to support the bar 5 in a horizontal position. Two of the brackets are arranged side by side on the sill of one window or one bracket upon the sill of each of two windows. Planks 15 are then placed on the platform-bars 5 to form a platform for the person to stand upon, or a plank or planks may be suspended by ropes from the brackets.

Referring now to Fig. 2, where the bracket is shown applied to a ladder 16, the hook 1 is made to engage one of the rungs 17, or, as shown, the shank 6 of the hook bears against the rung and the bifurcated arm 8 rests upon lower rungs of the ladder.

As adapted for use upon a parapet the bar 5 is bifurcated at its inner end, and an eye 4 is formed at each extremity of the bifurcation, and a hook 1 is provided in each of the eyes. In use the hooks are made to engage a projection 18 of the parapet, and the bifurcated arm 8 is adjusted vertically to rest against the outer side of the parapet.

What I claim, and desire to secure by Letters Patent of the United States, is—

For the purpose indicated, a platform-bar, means for clipping the platform-bar upon a window-sill, a bifurcated arm pivoted to the platform-bar and having its lower part opened out, a stay-bar passing upon each side of and pivoted to the platform-bar and bifurcated at its lower end to engage the opened-out part of the bifurcated arm and a bolt for connecting the stay-bar to the bifurcated arm, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two witnesses.

CHARLES MILLS.

Witnesses:

A. H. HART,
L. R. SMITH.