May 25, 1926. 1,586,421

G. H. FRUSH

SCAFFOLD

Filed July 21, 1925

Fig. 1.

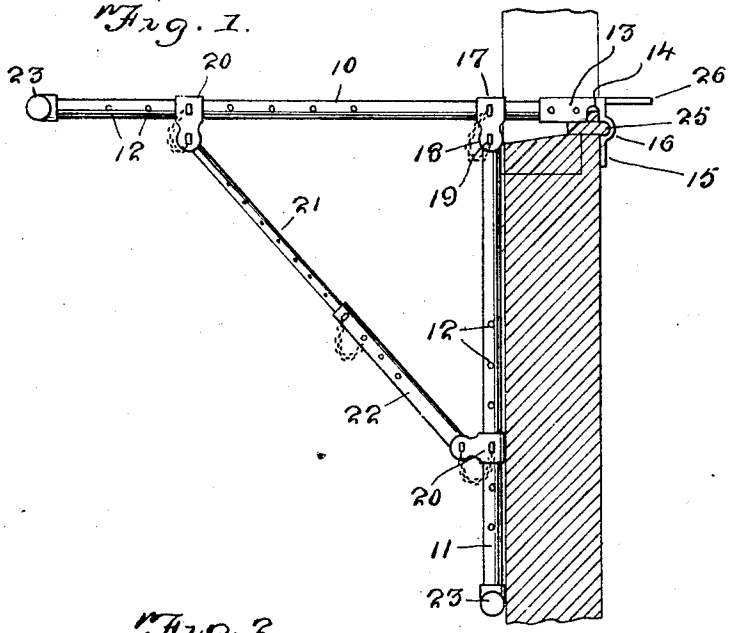


Fig. 2.

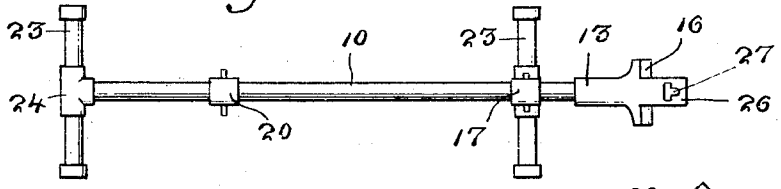
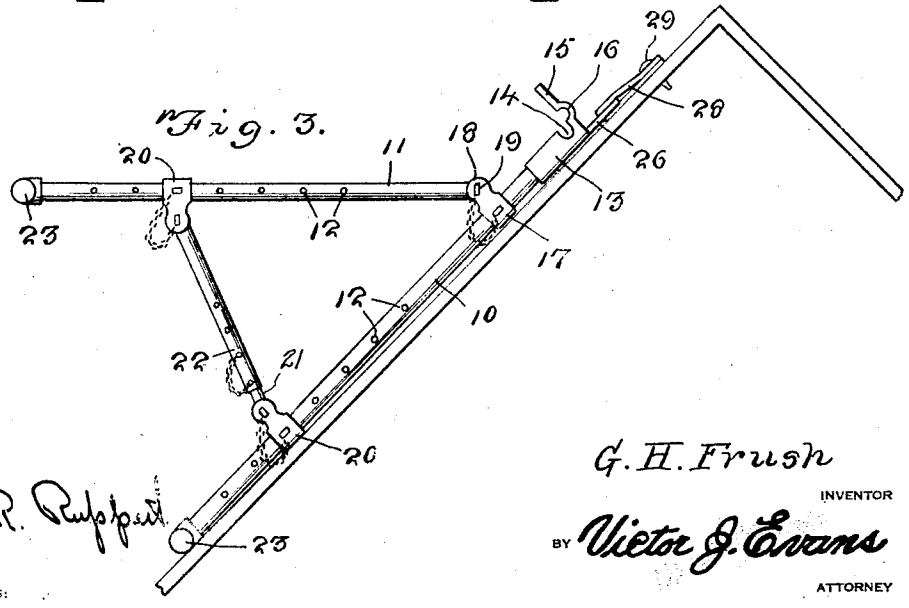


Fig. 3.



G. H. Frush

INVENTOR

BY Victor J. Evans

ATTORNEY

E. R. Ruppert

WITNESS:

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GEORGE H. FRUSH, OF CLARKSBURG, WEST VIRGINIA.

SCAFFOLD.

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This invention relates to improvements in scaffolds, the general object being the provision of adjustable sleeves upon the supporting arms and legs therefor with telescoping adjustable brackets therefor, whereby the said scaffold may be adjusted at any inclination whether being used as a window scaffold or roof scaffold.

Another object of my invention is the provision of securing or attaching means therefor in order that the said scaffold may be readily and easily assembled upon a window sill or roof.

With the above and other objects in view, the invention further includes the following novel features and details of construction, to be hereinafter more fully described, illustrated in the accompanying drawing and pointed out in the appended claims.

In the drawing:—

Figure 1 is a side elevation of my invention as applied to a window sill.

Figure 2 is a top plan view of my invention per se.

Figure 3 is a side elevation of my invention as applied upon a roof.

Referring to the drawing in detail, wherein like characters of reference denote corresponding parts, the reference characters 10 and 11 indicate upper and lower supporting legs respectively; each of which includes a plurality of spaced aligned longitudinal rows of openings 12 therein, the purpose of which will be presently apparent. As clearly illustrated, the arms or supporting legs 10 and 11 are preferably formed of relatively short lengths of pipe of any desired diameter or configuration.

Fitted upon the inner end of the upper supporting arm 10 is a sleeve 13 having a cutout portion 14 provided adjacent its inner end while the innermost extremity thereof terminates in a transversely disposed plate 15 having a depressed portion 16 formed at an appropriate point upon its length.

In providing associating means for the respective upper and lower arms 10 and 11 I employ a sleeve 17 slidably mounted upon the arm 10 and terminating with spaced parallel apertured ears 18 between which is positioned the upper end of the lower supporting arm 11 through the instrumentality of a pin 19 extending through the apertured ears 18 and through an opening, not shown, within this corresponding end portion of the lower supporting arm 11.

Slidingly mounted upon the remaining portions of the supporting arms 10 and 11 respectively are correspondingly constructed sleeves 20 having pivotally supporting within their apertured ears corresponding end portions of telescoping bracket arms 21 and 22 respectively. The supporting arms 10 and 11 terminate at their respective outer end or lower end portions in relatively short cross bars 23 to the outer ends of these arms 10 and 11 through the instrumentality of T-shaped couplings or joints 24.

In the use and operation of my present invention, in the instance of applying the same to a window, as clearly illustrated in Figure 1 of the drawing, the depressed portion 16 within the transversely disposed plate 15 receives the rounded inner edge of a window sill 25 therein while the remaining end portion of the said plate 15 lies flush against the remainder of the window construction, the lower supporting arm 11 lies flush with the outer side of the building wall, the sleeves 20 are adjusted at appropriate points throughout the length of the lower and upper supporting arms 11 and 10 while the respective telescoping bracket arms 21 and 22 are adjusted to give the inclination desired to the upper supporting arm 10.

As clearly illustrated in Figure 3 of the drawing I have illustrated the manner in which my present invention may be applied upon the roof of a building, and in this instance use is made of a plate 26 extending rearwardly from the sleeve 13 and including a slot 27 therein for the reception of a length of strap iron 28 looped upon itself within the slotted portion 27 of the plate 26 and secured as at 29 to the roof of a building, as illustrated. It is of course obvious that when using this invention that a board or length of plank is thus placed upon the cross arms 23 of the supporting arm thus raised in order that the user may seat himself comfortably thereon during the process of washing windows, or repairing a roof.

The invention is susceptible of various changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having thus described my invention what is claimed is:

1. A scaffold of the character described comprising upper and lower supporting arms formed of relatively short lengths of pipe and having a plurality of aligned openings therein, a sleeve arranged upon the inner end of the upper supporting arm and terminating in rearwardly and transversely disposed attaching plates, a sleeve arranged upon the upper supporting arm and terminating in downwardly extending apertured ears for the reception of the upper free end of the lower supporting arm, a pair of slidable sleeves arranged upon the supporting arms, and adjustable telescoping pipe sections having their respective outer end portions pivoted to the lower apertured end portions of the auxiliary sleeves whereby the desired inclination and relative arrangement of the supporting arms may be regulated.

2. A scaffold of the character described comprising upper and lower supporting arms respectively, and attaching sleeve arranged upon the inner end of the upper arm and terminating at its inner end in rearwardly and transversely disposed attaching plates, an adjustable sleeve arranged upon the upper supporting arm and terminating at its opposite end with spaced parallel apertured ears within which is pivoted the upper free end of the lower supporting arm, cross bars secured to the outer free ends of the supporting arms, a pair of auxiliary sleeves adjustably and slidably mounted upon the supporting arms, and adjustably telescoping pipe sections having their outer end portions pivotally connected to the auxiliary sleeves whereby the desired inclination of the supporting arms may be regulated.

In testimony whereof I affix my signature.

GEO. H. FRUSH.