No. 676,303. Patented June 11, 1901.

A. D. CRAMER.

WINDOW SCAFFOLD.

(Application filed Dec. 30, 1899.)

(No Model.)

Fig. 1.

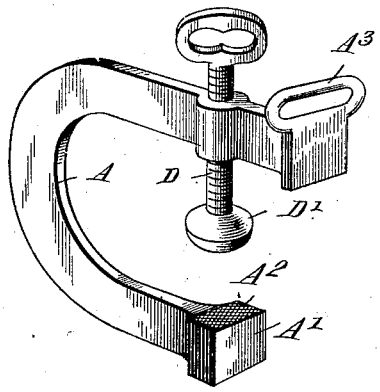


Fig. 5.

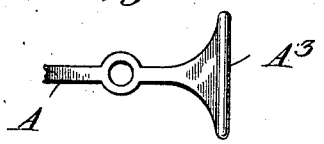


Fig. 6.

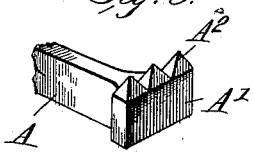


Fig. 2.

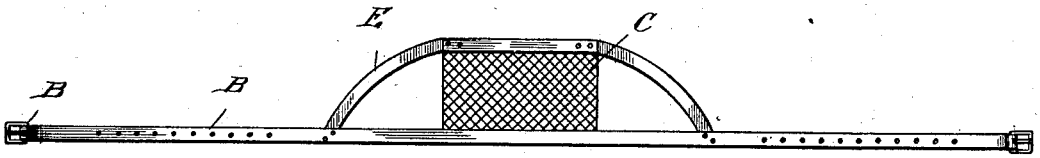


Fig. 4.

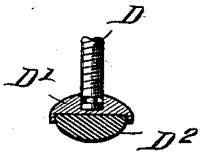
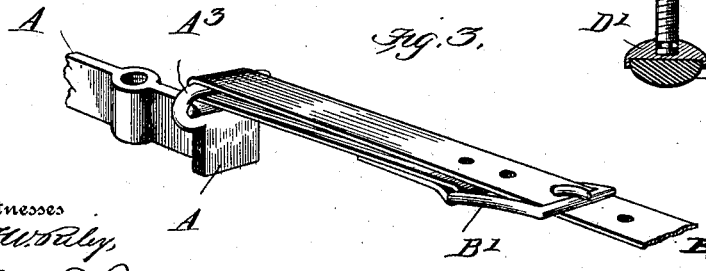


Fig. 3.



Witnesses
H. W. Baily,
Chas. E. Brock.

Inventor
A. D. Cramer,
By Munn & Co
Attorneys

UNITED STATES PATENT OFFICE.

ALBERT D. CRAMER, OF PHILADELPHIA, PENNSYLVANIA.

WINDOW-SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 676,303, dated June 11, 1901.

Application filed December 30, 1899. Serial No. 742,039. (No model.)

To all whom it may concern:

Be it known that I, ALBERT D. CRAMER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Window-Scaffold, of which the following is a specification.

This invention is a safety appliance adapted to be attached to a window-sill for the purpose of supporting a person sitting in the window during the operation of washing and polishing the outer side of the window.

The object of the invention is to provide an exceedingly cheap and simple appliance which can be quickly and easily attached to and detached from the window-sill and carried about from place to place, so that each cleaner can carry the attachment and arrange the same.

With these objects in view the invention consists in the peculiar construction of the various parts and in their novel combination and arrangement, all of which will be fully described herein, and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view of the clamp adapted to be attached to the window-sill upon the inner side. Fig. 2 is a detail view of the strap and back-support. Fig. 3 is a detail perspective view showing the manner of connecting the strap and clamp. Fig. 4 is a detail sectional view showing the end of the clamping-screw. Fig. 5 is a detail top view of the end of the clamping-yoke, and Fig. 6 is a detail perspective view of a slightly-modified form of the opposite end.

In carrying out my invention I employ a clamp, which is intended to be secured to the inner side or edge of the window-sill, said clamp comprising an essentially U-shaped bar A, having its lower end enlarged, as shown at A′, and the upper face of said enlarged end being roughened, as shown at A^2, and intended to engage the under side of the window-sill. The upper end of the U-shaped yoke is longer than the other one and also enlarged, as most clearly shown in Fig. 5, and is constructed with a horizontally-elongated eye or loop A^3, which eye or loop stands at right angles to the arm upon which it is located and is intended to receive a strap B, which is connected to the back-support C. A buckle B′ is clipped on each end of the strap, and the end of the strap is then passed through the loop A^3 and then doubled back upon itself and secured to the buckle before the device is completed. A clamping-screw D passes through the upper member of the clamping-yoke A in alinement with the enlargement A′ upon the other arm of the yoke and has a head D′ swiveled thereon, said swiveled head having its lower face provided with a rubber cushion D^2 to prevent disfiguring the upper face of the window-sill, against which the said head D′ is forced for the purpose of securing the clamp to the window-sill. The back-support C is securely fastened to the strap B and is held in its proper position by a suitable strip E of metal or other suitable material, and inasmuch as the strap B is provided with suitable adjusting-buckles B′ it will be readily understood that the strap can be adjusted to accommodate the window and the person using the device. There are two clamping devices, one arranged at each end of the sill, and each end of the strip is connected to the loop carried by the clamp, the strap passing around the person at the rear and holding the back-support in a position approximating the small of the back, thereby preventing the person from falling out of the window while cleaning the same.

By forming the clamp as above described the strap will be held flatwise against the body of the user and the strain upon the clamp will come upon the enlarged head at the end of the other arm, the inner surface of which being roughened will cause it to engage with the window-casing and prevent its slipping.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

A window-scaffold comprising in combination the essentially U-shaped bar A having its lower end A′ notched and roughened upon its upper surface, its upper end having an elon-

gated eye or loop A^3, the back-support C having the strap B attached thereto, which strap is adapted to engage the eye or loop A^3, the strip E for holding the support in proper position, and a clamping-screw D passing through the upper member of the U-shaped bar having a head D′ swiveled thereon and carrying a suitable cushion D^2, all of said parts being arranged and adapted to operate, substantially as shown and described.

ALBERT D. CRAMER.

Witnesses:
HARRY STEWART,
WM. W. FINLEY.