

(No Model.)

M. E. TRAFTON.
SCAFFOLD BRACKET.

No. 353,768.

Patented Dec. 7, 1886.

Fig. 1.

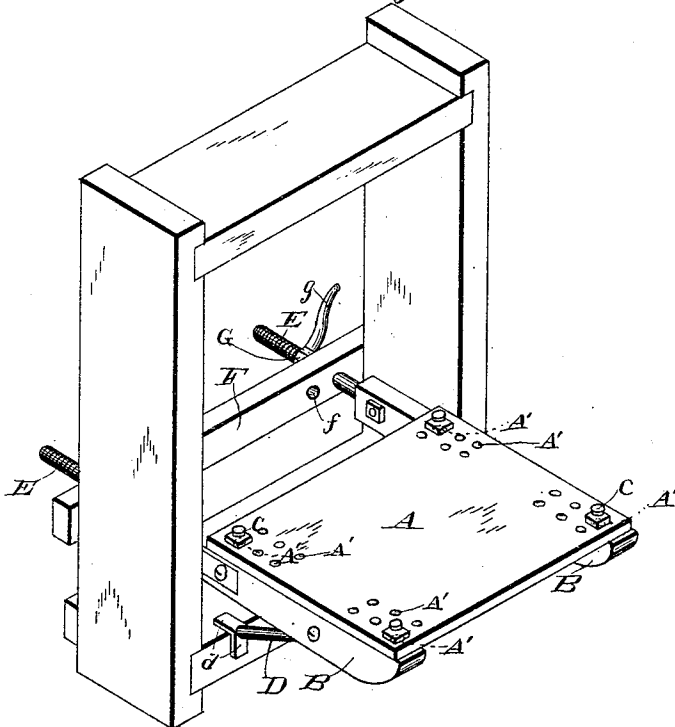
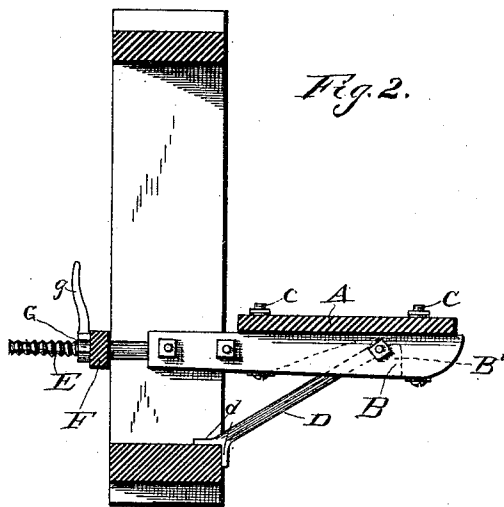


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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SCAFFOLD-BRACKET.

SPECIFICATION forming part of Letters Patent No. 353,768, dated December 7, 1886.

Application filed July 9, 1886. Serial No. 207,588. (No model.)

To all whom it may concern:

Be it known that I, MATHEW E. TRAFTON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Improvement in Scaffold-Brackets, of which the following is a specification.

My invention relates to an improvement in scaffold-brackets for windows; and it consists in the peculiar construction and combination of devices that will be more fully set forth hereinafter, and particularly pointed out in the claims.

The object of my invention is to provide a scaffold-bracket which is adapted to be readily attached to and detached from a window, on either side thereof, so as to permit the window to be washed or painted from either side; and a further object of my invention is to provide a scaffold-bracket which is adjustable, and thereby adapted to fit windows of varying sizes.

In the drawings, Figure 1 is a perspective view of a scaffold-bracket embodying my improvements attached to a window-frame. Fig. 2 is a vertical sectional view of the same.

A represents the platform, on the under side of which are secured two beams or bars, B. One end of each of the said bars projects beyond one side of the platform, and the said bars are attached to the said platform by means of bolts C, which extend through the bars and pass through openings A', which are made in the platform. Series of these openings are made in the platform, extending to a distance from each end thereof, and thereby adapting the bars B to be adjustably secured to the platform, and thereby accommodating the device to windows of different widths.

Near the outer end of each bar B, on the under side thereof, is pivoted a supporting-arm, D, which is made of iron or other suitable metal, and is provided at its inner end with two diverging arms, d, which extend at right angles from each other, and are thereby adapted to fit on the upper and outer sides of the window-sill. The under sides of the bars B are provided with longitudinal slots B', in the outer ends of which the arms B are pivoted, the said slots being adapted to receive the outer portions of the said arms, and thus permit the latter to be folded toward the rods

and thus adjusted to any desired angle with respect to the bars.

To the projecting ends of the bars B are secured bolt-rods E, and on the said rods is secured a cross-bar, F, the said cross-bar being provided with the series of transverse openings f, adapted to receive the threaded ends of the bolt-rods, and thus permit the latter to extend through the cross-bar. On the said threaded ends of the bolt-rods and on the outer side of the cross-bar are clamping-nuts G, which are provided with arms or handles g.

The operation of my invention is as follows: In order to attach the scaffold-brackets to a window, the bars B are first adjusted laterally on the platform to enable them to pass between the inner sides of the window-frame, and the arms D are caused to engage the outer edge of the window-frame, as shown. The cross-bar F is then secured on the threaded ends of the bolt-rods, and the nuts G are caused to bear against the said cross-bar, so as to press it against the opposite side of the window-frame from which the platform extends. As the cross-bar is adjustable back and forth upon the bolt-rods, it will be understood that the device is adapted to be used in windows, no matter what the thickness of the walls of the building may be, and the platforms may be caused to extend either from the outer or the inner sides of the windows, as desired.

If it is desired to construct a staging or scaffold on the outer side of the wall of the building, two or more of my scaffold-brackets may be attached to the windows and arranged in the same horizontal plane, and the boards which compose the scaffold or staging may be caused to rest upon the said scaffold-bracket, as will be very readily understood.

Having thus described my invention, I claim—

1. The combination, in a scaffold-bracket, of the platform adapted to project from one side of the window, the bars B, attached to the said platform and adjustable laterally thereon, the arms D, adapted to bear against the window-sill to support the outer end of the bracket, and means for clamping the bars B against the opposite side of the window-frame from which the platform projects, substantially as described.

2. The combination of the platform having the bars B, provided with the extending bolt-rods, and the cross-bar F, having openings to receive the threaded ends of the bolt-rods, and
5 the clamping-nuts to bear against the outer side of the said cross-bar, for the purpose set forth, substantially as described.

3. The combination of the platform having the series of openings A', the bars B, having
10 the bolt-rods, the bolts C, passing through the said rods and through openings A' to secure the bars to the platform, the cross-bar F, having the series of openings f, and the clamping-

nuts for the threaded ends of the bolt-rods, substantially as described. 15

4. The scaffold-bracket having the bars B, provided with the slots B' on their under sides, and the arms D, pivoted in the outer ends of the said slots, substantially as described.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
presence of two witnesses. 20

MATHEW E. TRAFTON.

Witnesses:

E. C. CHATFIELD,
A. P. ABELL.