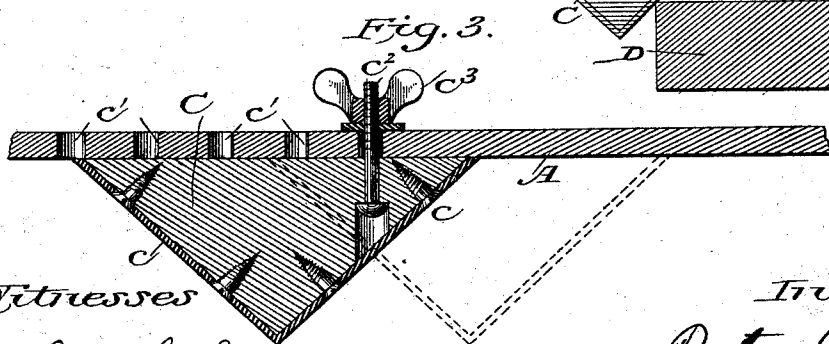
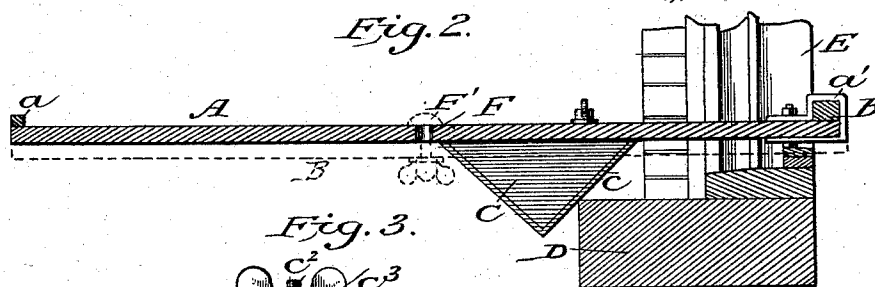
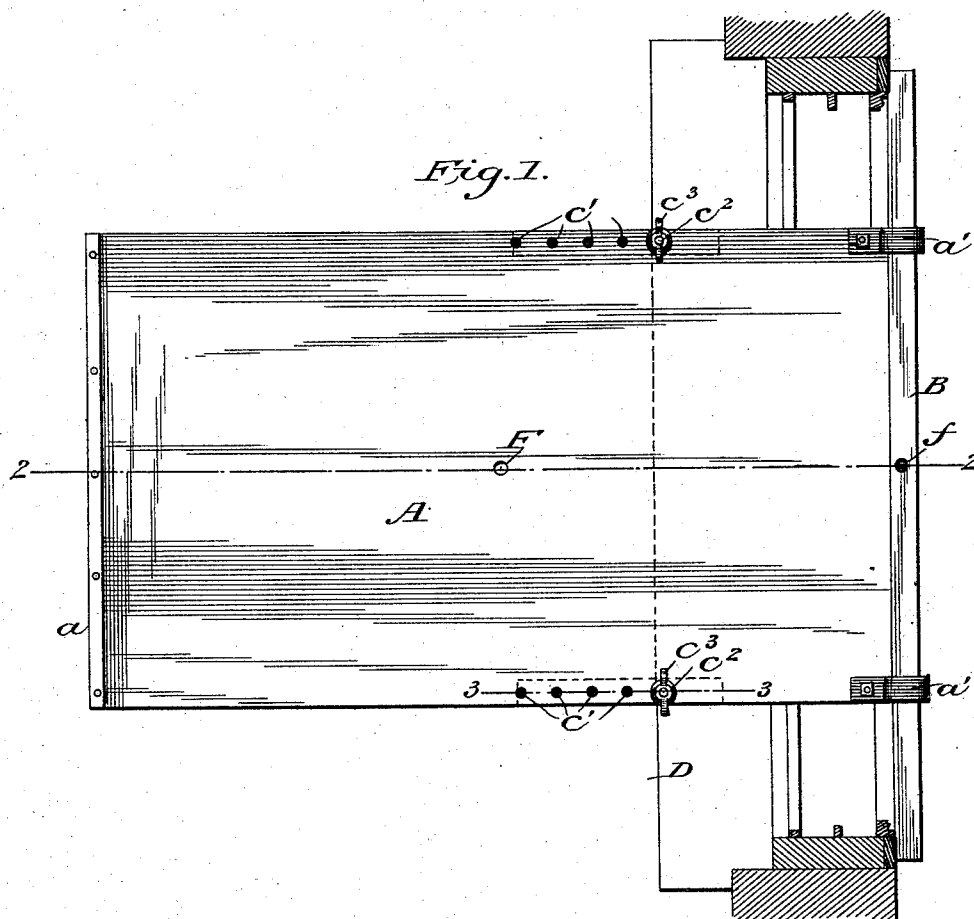


P. OTTO.
WINDOW PLATFORM.

Patented June 21, 1892.



Witnesses

Annie M. Adams.
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UNITED STATES PATENT OFFICE.

PETER OTTO, OF CHICAGO, ILLINOIS, ASSIGNOR TO HENRY OTTO, HENRY KOLBE, AND ALVIN WAGNER, OF SAME PLACE.

WINDOW-PLATFORM.

SPECIFICATION forming part of Letters Patent No. 477,602, dated June 21, 1892.

Application filed October 14, 1891. Serial No. 408,738. (No model.)

To all whom it may concern:

Be it known that I, PETER OTTO, of Chicago, in the State of Illinois, have invented certain new and useful Improvements in Window-Platforms, of which the following is a specification.

My invention relates to a platform designed to support a person on the outside of a window for cleaning the same on the outside or painting the outside of the sash; and the object of my improvements is to provide a suitable platform for this purpose with means for readily adjusting and securing the same to the window sill and casing which will be simple in construction and easy to handle. I attain this object by the platform and means for adjusting and securing it, constructed as illustrated in the accompanying drawings, in which—

Figure 1 is a top or plan view of the platform, shown as applied or secured in a window. Fig. 2 is a longitudinal vertical section on the line 2 2 of Fig. 1. Fig. 3 is a fragment of an enlarged horizontal section on the line 3 3 of Fig. 1.

In the drawings, A designates the platform, which is a plain board of the requisite width and length—say from eighteen inches or more wide to four feet or more long and provided with a cross-cleat *a* to strengthen it or prevent splitting. At one end it is provided with a metallic strap *a'* at each side, looped over the end and securely fastened by a bolt or rivet, so that a rod or bar B may be slipped through the loop and be thereby secured to the top of the platform near the end.

On the under side of the platform are secured rests C, which have inclined edges *c*, adapted to rest against the outer edges of the window-sill D when the bar B is brought against the inside of the window-casing E or wall around the window. By means of these inclined edges resting against the outer edge of the sill the outer edge of the platform is supported and the platform is also thereby prevented from having any inward movement, so that the weight of the outer end and of the object put upon it will draw the bar firmly against the casing and lock the platform in position. The rests are made adjustable upon

the platform in order to adapt the same to different windows. To effect such adjustability, I provide a series of holes *c'* in the edge of the platform on each side and permanently secure a bolt *c²* in the rests which is adapted to the holes *c'* and has a thumb-nut *c³* for tightening the rest on the platform at any of said holes. By loosening the thumb-nut the rest can be turned so as to present either edge forward, and the arrangement of the bolt *c²* relatively to one edge is such that when the rest is turned the degree of adjustment will, between the holes *c'*, be as shown by dotted lines in Fig. 3.

If the ledges of the window-sills D of different windows project unequally, the apparatus will accommodate itself to the varying widths. For instance, if a ledge farther than the one shown is presented, the platform can be raised, making the bar B press against the interior of the wall at a higher point and bringing the point of contact of the inclined edge on the ledge at a point nearer the apex of said rest.

If the ledges should project less than is shown, the point of contact of the inclined edge on the ledge would be farther from the apex of said rest and nearer the platform A, thus presenting at all times the platform in horizontal position.

If the relative horizontal variations of the window-sills should be greater than the horizontal projection of the inclined surface of the rest C, the relative position of said rest to the board A can be changed, either by turning it around on the eccentrically-set bolt *c²* or by adjusting it so that the bolt enters one of the other holes *c'*. As can be readily seen, the more weight that is put upon the outer part of the platform the firmer it will be held.

The bar B may be slipped out of engagement with the loops *a' a'* and may be laid along the platform A and fastened to it by a thumb-screw bolt F', engaging the hole *f* in said bar and hole F in said platform for keeping the parts together when not in use, and for convenience of carriage and storage, as shown in dotted lines in Fig. 1.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with a platform A, consisting of a plain board provided with metallic straps *a'*, looped over and secured to one of its ends, of a cross-bar B, adapted to pass
5 through said loops and be thereby secured to the end of the platform, so as to project beyond the side edges thereof, and rests C, attached to the under side of said platform at its opposite edges, and having inclined edges
10 *c*, adapted to rest upon the outer upper angle of the window-sill when the said bar is brought against the inside of the window-casing, as specified.
2. The combination, with a platform A, provided with metallic straps looped over and secured to one of its ends, of a cross-bar B,
15 adapted to pass through said loops and be thereby secured to the end and project beyond the edges of the platform, and adjustable rests C, attached to the under side of the

platform near its opposite edge and having inclined edges *c*, adapted to rest against the outer upper angle of the window-sill, as specified.

3. The combination, with a platform A, consisting of a plain board provided with metallic straps *a'*, looped over and secured to one of its ends, of a cross-bar B, adapted to pass through said loops and be thereby secured to the end of the platform, and rests C, provided
25 with oppositely-inclined edges *c*, terminating in an apex near their mid-length and pivoted to the under side and at opposite edges of said platform by a bolt set to one side of said apex, as specified.

PETER OTTO.

Witnesses:

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