

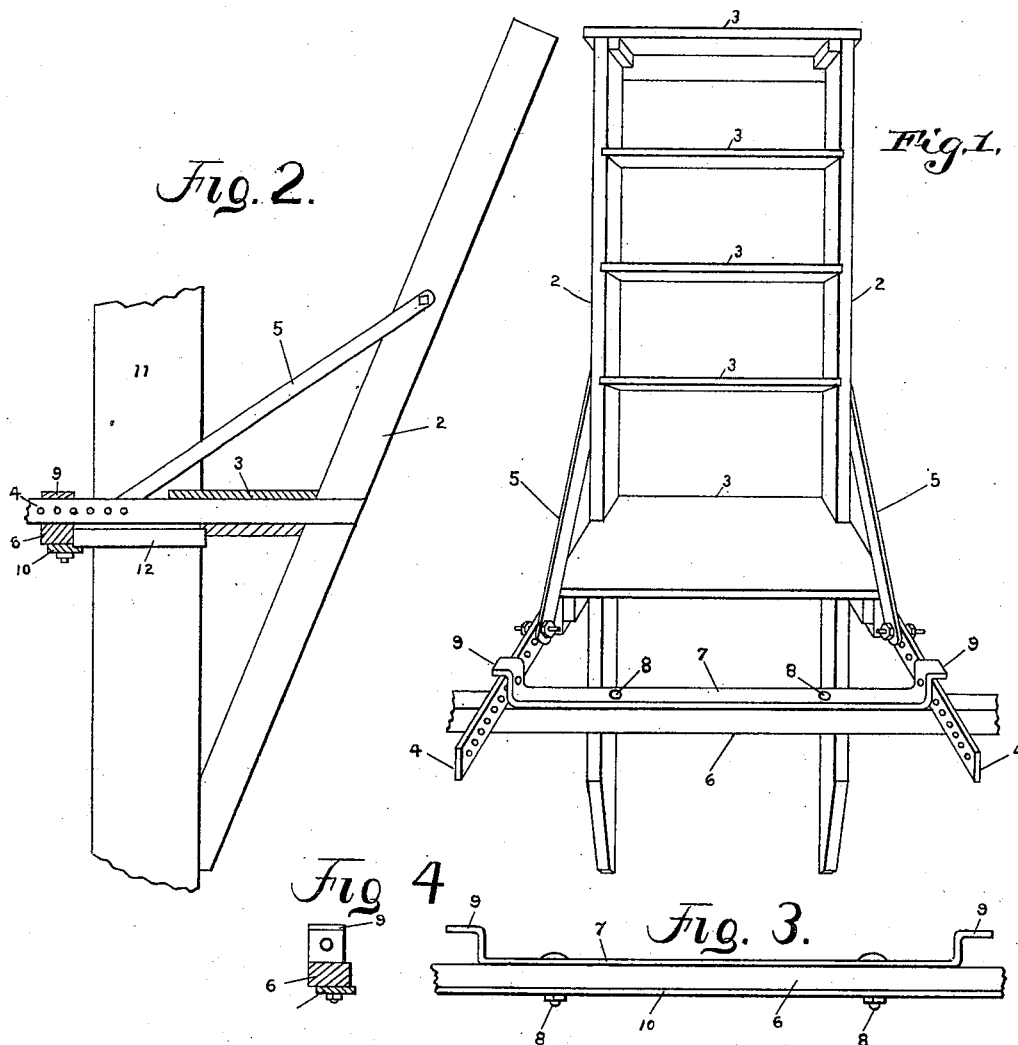
No. 646,286.

Patented Mar. 27, 1900.

W. HOLTZAPPLE.  
WINDOW SCAFFOLD.

(Application filed Dec. 23, 1899.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM HOLTZAPPLE, OF XENIA, OHIO.

## WINDOW-SCAFFOLD.

SPECIFICATION forming part of Letters Patent No. 646,286, dated March 27, 1900.

Application filed December 23, 1899. Serial No. 741,385. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HOLTZAPPLE, a citizen of the United States, residing at Xenia, in the county of Greene, and in the State of Ohio, have invented a certain new and useful device to be attached to the sills of windows and used as a support to enable persons at work upon the outside of a window to stand upon the same while at their work, of which the following is a specification.

My invention relates to improvements attached to windows to enable persons to work with safety to themselves on the outside of a window; and the object of my invention is to provide a device which will be safe, readily adjusted, and which may be adapted to any-sized window. To attain this object I employ the device illustrated in the accompanying drawings, in which like numerals indicate like parts in each of the several figures.

Figure 1 is a perspective view. Fig. 2 is a side view of my device, showing it attached to the window; and Figs. 3 and 4 are detail views of parts.

In the drawings, numerals 2 2 are side pieces, to which are attached several steps, (indicated by numerals 3 3 3 3,) making a ladder-like arrangement, the lower step being made broader than the others for the convenience of setting objects upon it while working. To each of the side pieces 2 2 are attached the pieces 4 4, which are braced by the pieces 5 5, as shown in Figs. 1 and 2.

Fig. 3 shows a side view of part 6 in Figs. 1 and 2 and consists of three parts—a strip of wood 6, on the top and bottom of which are bolted strips of iron, as shown by 7 and 10, by means of the bolts 8 8, the lower strip of iron 10 extending out from the edge of 6, as is shown in Figs. 2 and 4, thus creating a flange which fits to the bottom of the window-sill 12, as is shown in Fig. 2. The upper strip of iron, fastened to 6 and shown by 7, has at each of

its ends a flange 9 9, so that it will slide over the pieces 4 4.

Fig. 2 shows the manner in which the device is fastened to the window, 11 representing a wall, and 12 a window-sill in said wall. In placing the device the lower window-sash is raised and the device is then placed outside the window, with the exception of the ends 4 4, which rest on the sill 12. The lower parts of 2 2 fit close against the wall, as shown in Fig. 2, and the piece shown in Fig. 3 is then slipped over the ends of 4 4, as is shown in Fig. 1, and the part 10, as shown in Fig. 2, fits closely to the bottom on the sill 12, and thus the device is safely held. If the user prefers, he may place a bolt through the hole in 9 and the holes at the end of 4, and thus prevent any slipping of the piece shown by Fig. 3.

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

1. In a device to be attached to the sills of windows to be used in supporting persons engaged at work on the outside of said windows an arrangement consisting of a ladder-like structure, having steps attached to the two side pieces of the ladder, the side pieces each having an iron strip attached to them and extending from them at an angle, a piece adapted to slip over said iron strips and having a flange on the lower edge adapted to fit under a window-sill, substantially as described and shown.

2. In a device to be attached to windows the combination of a ladder-like structure, two iron bars extending from said structure at an angle, and a strip adapted to slide over said bars and having a flange on the lower edge, substantially as described.

WILLIAM HOLTZAPPLE.

Witnesses:

ROBERT LYTLE,  
JOHN E. McDONALD.