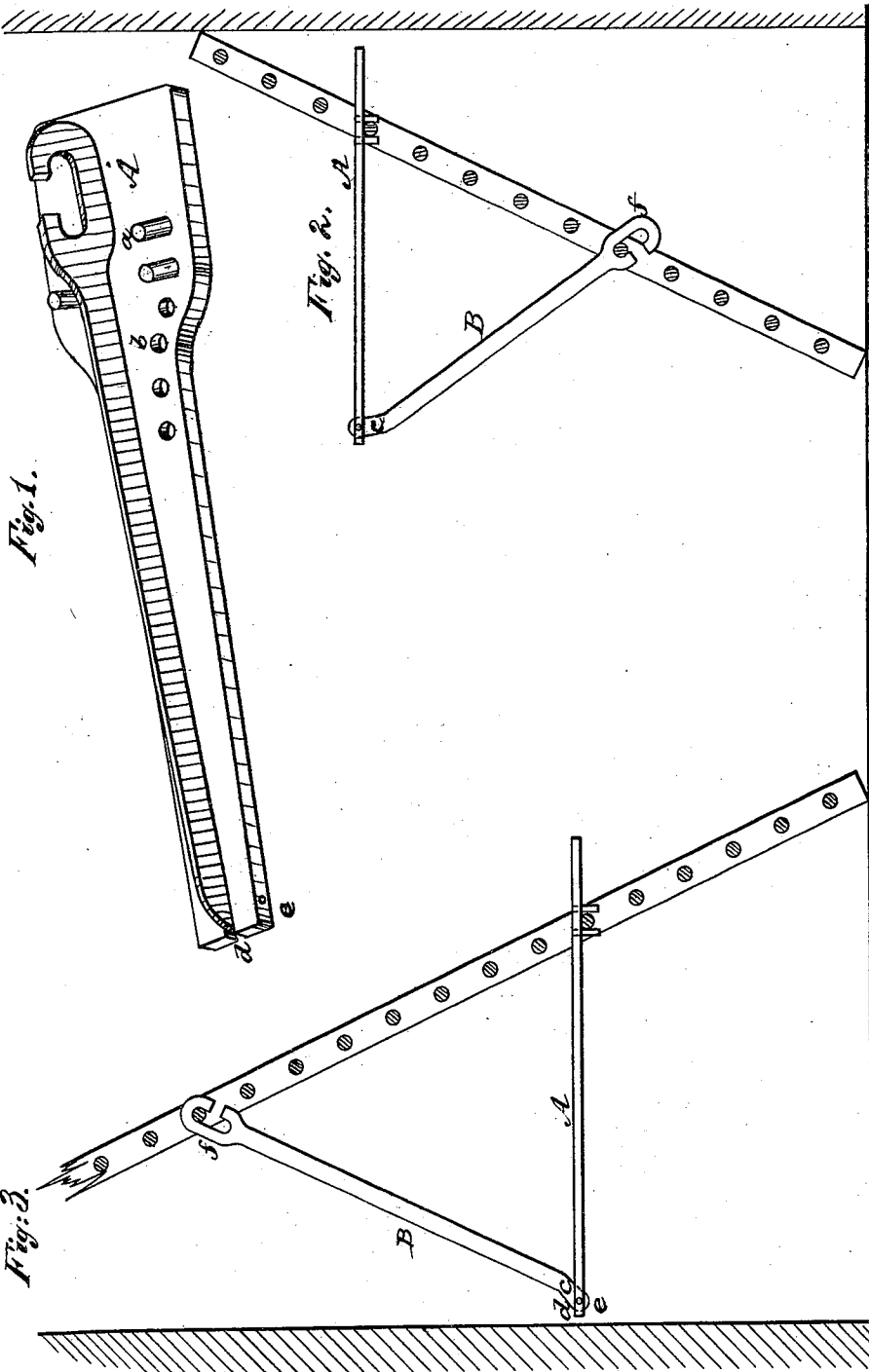


D. C. PLACE.
SCAFFOLD.

No. 170,391.

Patented Nov. 23, 1875.



Witnesses:
Henry Schilling.
R. B. Clark

Inventor:
Delavan C. Place
By *Rich. Allen*
His Atty.

UNITED STATES PATENT OFFICE.

DEHAVAN C. PLACE, OF GLOVERSVILLE, NEW YORK.

IMPROVEMENT IN SCAFFOLDS.

Specification forming part of Letters Patent No. **170,391**, dated November 23, 1875; application filed October 21, 1875.

To all whom it may concern:

Be it known that I, DELAVAN C. PLACE, of Gloversville, Fulton county, in the State of New York, have invented an Improved Reversible Scaffold-Jack, of which the following is a specification, reference being had to the accompanying drawings, forming part hereof.

The object of my invention is to provide a scaffold-jack for use in the erection of scaffolds upon ladders, and, at the same time, adapted to be used as a support for a shelf or hanging scaffold, in connection with a ladder or ladders; and it consists in a jack or platform piece arranged to rest upon a round of the ladder at one end, and at the other end has hinged to it the hooked brace-rod, having the peculiar construction hereinafter particularly described, arranged to engage another round of the ladder.

Figure 1 is a perspective view of my reversible scaffold-jack, showing it folded together. Fig. 2 is a side elevation of the same, showing it adjusted upon a ladder as a scaffold-support on the upper or outside thereof. Fig. 3 is a similar view, showing it adjusted on a ladder as a support for a shelf or scaffold on the under or inside thereof.

A is the jack or platform piece, which is provided at the end which is arranged to rest upon a round of the ladder with pegs *a*, which are set two upon each side, as shown, with sufficient space between the pegs to permit the ladder-round to pass between them. The jack is thus prevented from slipping off of the round. The pegs are made adjustable by means of the holes *b*, formed in the jack, so that the jack may be arranged to extend either a greater or less distance from the ladder-round. The end of the jack which is intended to rest upon the ladder-round is preferably made broader than the rest of the jack, so that it may have a more extended surface to sustain the weight of the scaffold, and not bear entirely upon the center of the ladder-round, and

also to prevent any tendency to tilting over on the round. To the other end of the jack is hinged the hooked brace-rod B, preferably by being bent or curved at its end *c*, as shown, and said bent end adjusted in the slotted notch *d* in the end of the jack, with the bolt *e* passing through the jack and the brace-rod, as shown. The brace-rod may, by means of the hinge-joint, be folded down close upon the jack or platform piece on either side thereof, and the entire device be thus conveniently arranged for transportation; and, as is evident, it is also reversible as a brace, and may be used to support the scaffold on the ladder in either of the positions shown in Figs. 2 and 3. Upon the end of the hinged brace-rod is formed the peculiar hook-eye *f*, as shown in the drawings, whereby the rod may be securely braced to one of the rounds of the ladder underneath the platform A, as shown in Fig. 2, or may, the position being reversed, be adjusted to a round above the platform A as a suspending-brace, as shown in Fig. 3.

Now, it is evident that, two or more ladders and reversible jacks, as I have described, being used, boards or planks may be extended from one to the other, and a scaffold thus formed sustained by the ladder. It is also evident that, the jacks being reversible, a scaffold may be erected on the outside of the ladder, as shown in Fig. 2, or may be erected or hung from the ladder on the inside, as shown in Fig. 3.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a reversible scaffold-jack for use in erecting scaffolds upon ladders, the platform-piece A, having the adjustable pegs *a*, together with the hinged brace-rod B, having the hook-eye *f*, as described.

DEHAVAN C. PLACE.

Witnesses:

EDGAR C. SPENCER,
W. H. SEYMOUR.