

A. BAUER.

LADDER JACKS FOR SUPPORTING SCAFFOLDS.

No. 178,355.

Patented June 6, 1876.

Fig. 1

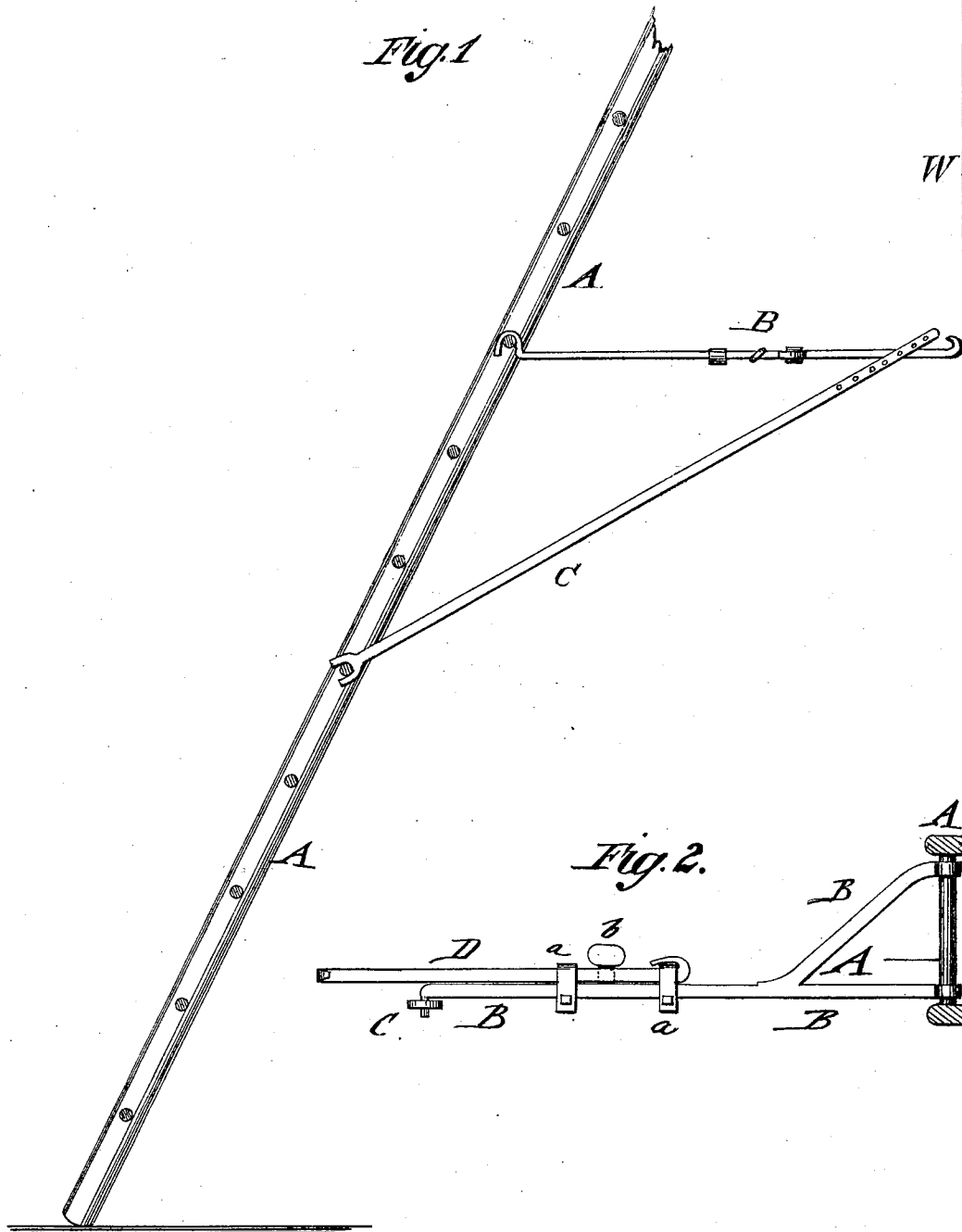
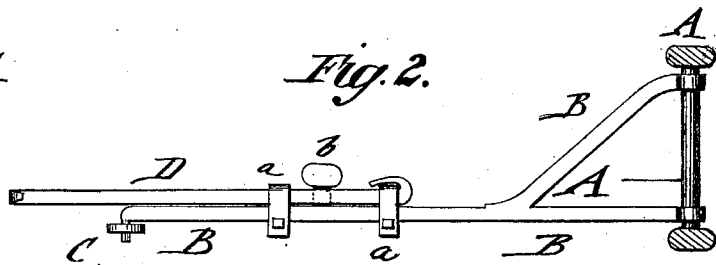


Fig. 2.



WITNESSES:

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ABRAHAM BAUER, OF NEW WASHINGTON, OHIO.

IMPROVEMENT IN LADDER-JACKS FOR SUPPORTING SCAFFOLDS.

Specification forming part of Letters Patent No. **178,355**, dated June 6, 1876; application filed March 6, 1876.

To all whom it may concern:

Be it known that I, ABRAHAM BAUER, of New Washington, in the county of Crawford and State of Ohio, have invented a new and Improved Ladder-Jack for Scaffolding, of which the following is a specification:

Figure 1 is a side view of my improved ladder-jack as applied to a ladder, and Fig. 2 is a top view of the jack detached.

Similar letters of reference indicate corresponding parts.

My invention relates to a simple, strong, and effective ladder-jack or bracket for putting up scaffolding for carpenters, tin-smiths, painters, &c., in a quick and reliable manner without nailing; and it consists of a jack or bracket made of a forked horizontal part hooked to the rounds of the ladder, in connection with a brace having a forked lower end fitting the rounds and perforated upper end to lock to the bent end of the supporting part, which is further provided with a sliding piece having a curved-up end to bear against the wall.

In the accompanying drawing, A represents a ladder of the usual construction used by carpenters, painters, and others; and B, the scaffold-supporting jack or bracket attached thereto by its forked and hook-shaped ends to the rear side of the ladder, as shown in the drawing. The horizontal piece of the jack is hooked to a round of the ladder and supported by a brace, C, which has a forked lower end that bears on one of the lower rounds of the ladder and retains in perforations of its upper end the outwardly-bent end of piece B at a hori-

zontal or inclined position, admitting its adjustment to the pitch of the ladder.

The scaffold-boarding is laid across the jacks of two or more ladders, and forms thereby a readily put up, cheap, and convenient scaffold-supporting device for application in the various trades without requiring the use of nails, clamps, &c. The horizontal part of the jack, that is secured rigidly by its forked and hook-shaped end to any round of the ladder, is further provided with a sliding extension-rod, D, guided in staples or bands *a*, and secured by a clamp-screw, *b*. The outer end of the extension-rod D is curved and adjusted to bear against the wall without injuring the same. The ladder is thereby steadied and the scaffolding supported in a stiff and substantial manner to allow even the finest painter's works.

The outer pin end of the jack may either simply be hooked to the brace or applied by a spring key or nut for producing a perfectly-reliable jack device for scaffolds.

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

The scaffold-supporting piece of the jack, provided with a sliding adjustable extension-rod bearing against the wall to form an additional support to the ladder, substantially as set forth.

ABRAHAM BAUER.

Witnesses:

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