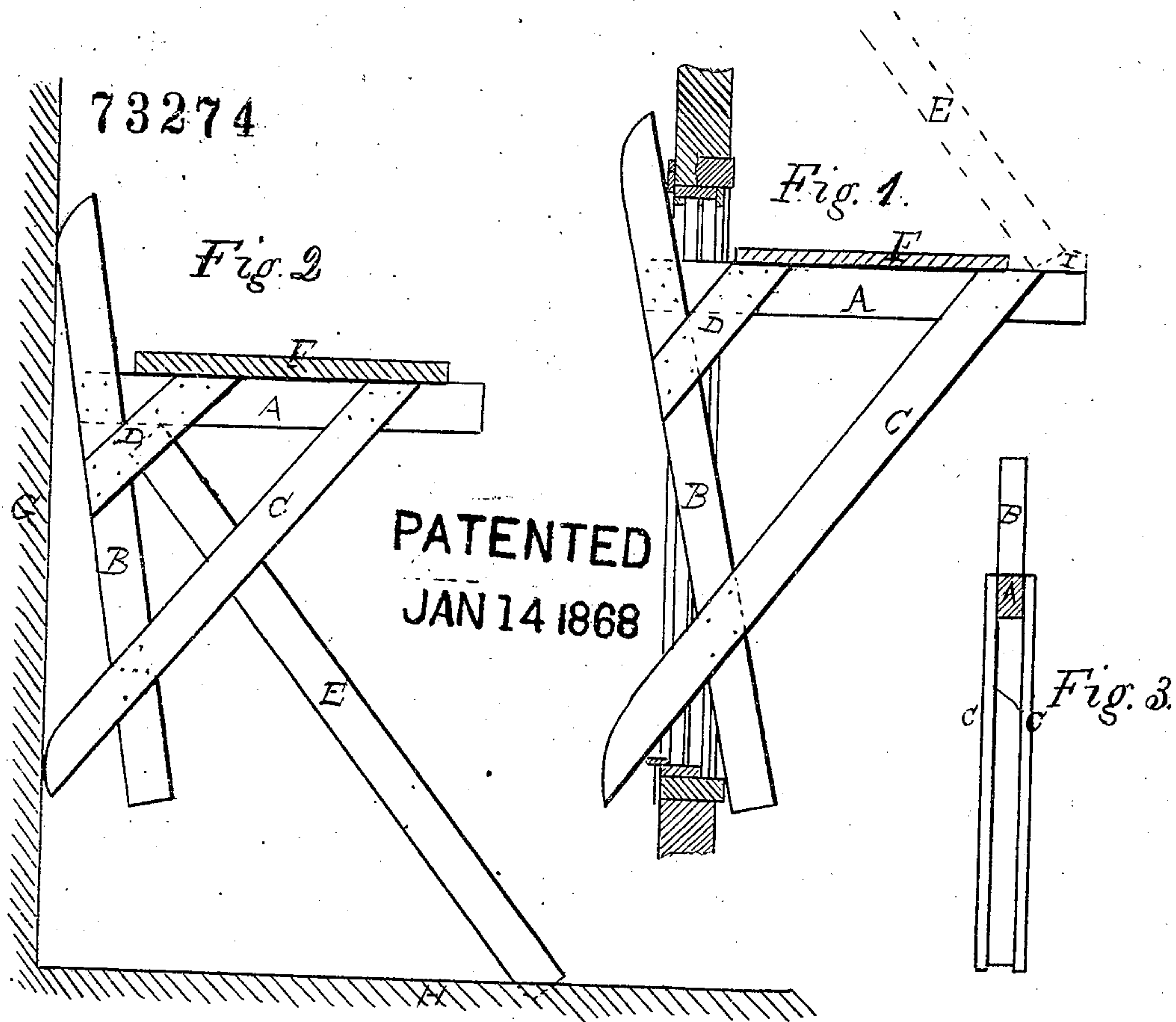


JOHN S. WILSON'S

improved

BRACKET FOR SCAFFOLDING.



John S. Wilson Inventor.

Indianapolis, Indiana.

WITNESSES.

J. M. Commons
O. F. Mayhew

United States Patent Office.

JOHN S. WILSON, OF INDIANAPOLIS, INDIANA.

Letters Patent No. 73,274, dated January 14, 1868.

IMPROVED SCAFFOLDING-BRACKET.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN S. WILSON, of Indianapolis, in the county of Marion, and State of Indiana, have invented a new and useful Bracket for Scaffolding; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

My invention relates to mode of erecting and supporting the scaffolding or staging used by painters, builders, and others having occasion to work upon the exterior of buildings, and consists in the employment of a bracket of peculiar construction, adapted to adjustment in the window-openings, and which may also be supported against the walls by means of a brace resting on the ground, the boards or staging upon which the workmen stand being laid upon and supported by the horizontal arms of these brackets, which are also susceptible of being put up with facility and rapidity, at little cost, and without nailing to or otherwise marring the building.

Figure 1 represents a side view of the bracket as adjusted in a window-opening.

Figure 2 represents a side view of the bracket, as supported against the wall by a brace from the ground.

Figure 3 is a front view of the bracket.

The bracket is usually made of wood, and is composed of the pieces of scantling A B, halved together, or the piece A may have a tenon, which is inserted in a mortise, in piece B, and securely nailed or bolted thereto. These pieces are firmly braced by two thinner pieces C, nailed or bolted to the pieces A B, as shown, being placed opposite each other. D are two other brace-pieces of the same thickness as the pieces C, nailed or bolted to pieces A B, near the angle where they are joined, and in such manner as to form a recess to receive the upper end of prop E, as shown. The pieces A, B, and C are put together in such relation to each other as that the bottom projecting ends of pieces B C form a crotch that will straddle the window-sill, as shown in fig. 1, and so that the arm A will project at a right angle to the wall of the building, and the upper projecting end of piece B will rest against the inner edge of the window-frame at the top, as shown. The upper end of piece B may project above the arm A any practicable height, to adapt the bracket to various heights of window-openings.

It will also be seen that the pieces A B C are formed and put together in such a manner that, when placed against a wall, as shown in fig. 2, the arm A will stand at a right angle to the wall, and this quality of the bracket, whereby it is susceptible of adjustment, either in a window-opening or to the wall, depends upon the form, construction, and relation of the pieces A, B, and C to each other, as clearly shown in the drawing.

These brackets may be mounted one above another, as indicated by the dotted lines in fig. 1, the foot of prop E resting against a block, I, nailed to the outer end of arm A, and thus the staging F may be supported at any desired height. The prop E should be of the same thickness as the pieces A B, so as to hold the bracket firmly.

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

The bracket for scaffolding, composed of the elements A, B, C, and D, constructed and arranged substantially as and for the purpose set forth.

JOHN S. WILSON.

Witnesses:

J. M. COMMONS,

O. F. MAYHEW.