L. A. SLEEPER.

Scaffolds.

No. 152,955. Patented July 14, 1874.

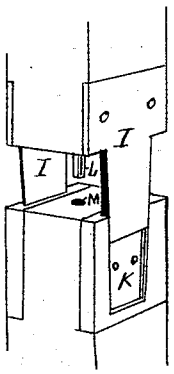


Fig 2

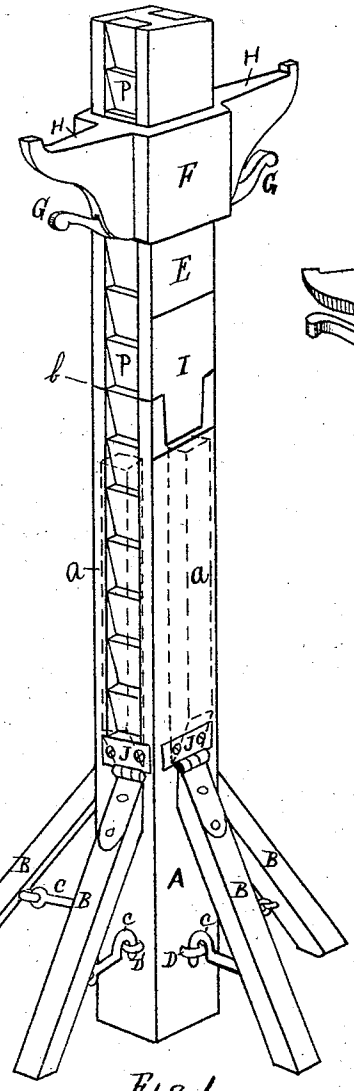


Fig. 1

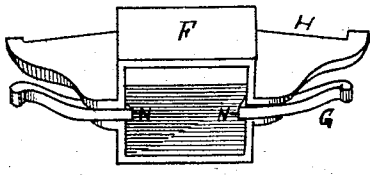


Fig. 3

Witnesses
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THE GRAPHIC CO. PHOTO-LITH. 39 & 41 PARK PLACE, N.Y.

UNITED STATES PATENT OFFICE.

LEVI A. SLEEPER, OF POULTNEY, VERMONT.

IMPROVEMENT IN SCAFFOLDS.

Specification forming part of Letters Patent No. **152,955**, dated July 14, 1874; application filed May 8, 1874.

To all whom it may concern:

Be it known that I, LEVI A. SLEEPER, of Poultney, in the county of Rutland and State of Vermont, have invented a certain new and useful improvement in Uprights for Plasterers' and Builders' Stagings, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is an isometrical perspective view of my improved upright; and Figs. 2 and 3 details to be referred to.

Like letters indicate corresponding parts in the different figures of the drawing.

My invention relates more especially to that class of staging-posts or uprights which are extensible; and consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a more convenient and effective device of this character is produced than is now in common use.

It is well known to all practical plasterers and builders that a great waste of material occurs, and much time and labor are spent in erecting and removing stagings, and in changing the height of the platform, as ordinarily constructed, on account of nailing the horizontal supports to the uprights. My invention is designed to obviate these difficulties and objections; and to this end I employ an extensible upright having adjustable brackets, and provided with folding legs or braces, enabling a staging to be erected or removed with great facility, and without the destruction of material.

In Fig. 1, A is the post or body of the upright; B B, the braces or legs; C D, hooks and eyes for holding the braces in position when the upright is in use; F, the bracket having the arms H H, and which is centrally mortised or fitted to slide freely on the body A, being retained in any desired position by the serrated rack P, and gravitating-pawls G G; the pawls being pivoted in the bracket and provided with the rachet-teeth N N, Fig. 3. The upright is rendered extensible by the removable section E, which has a rack like the body A, and is provided with the side plates I I, fitting in the sockets K, and also with a centrally-disposed dowel or pin, L, fitting the socket M, Fig. 2, for this purpose.

From the foregoing the nature and operation of my invention will be readily understood by all conversant with such matters.

To erect a staging for frescoing, plastering, &c., as many of the uprights as are necessary to sustain the platform are disposed about the room, the brackets F being adjusted at the required height. The girders or cross-beams are then placed upon the bracket-arms, and the platform being supported upon the cross-beams in a manner which will be readily understood without a more explicit description. It will be obvious that any number of the sections E may be used to lengthen the upright, each section being provided, at its lower end, with plates I I, and at its upper end with sockets K, for that purpose. When the upright is not in use the brackets F may be removed, and the braces B B folded against the body A, as shown by the dotted lines *a a*, Fig 1.

Having thus explained my improvement, what I claim is—

The staging-upright described, consisting of the body A, braces B, section E, rack P, and bracket F, provided with the pawls G, constructed and arranged to operate substantially as and for the purpose specified.

LEVI ALMON SLEEPER.

Witnesses:
H. E. METCALF,
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