

G. W. Wells,

Scaffold.

No. 99,799.

Patented Feb. 15. 1870.

Figure 1—

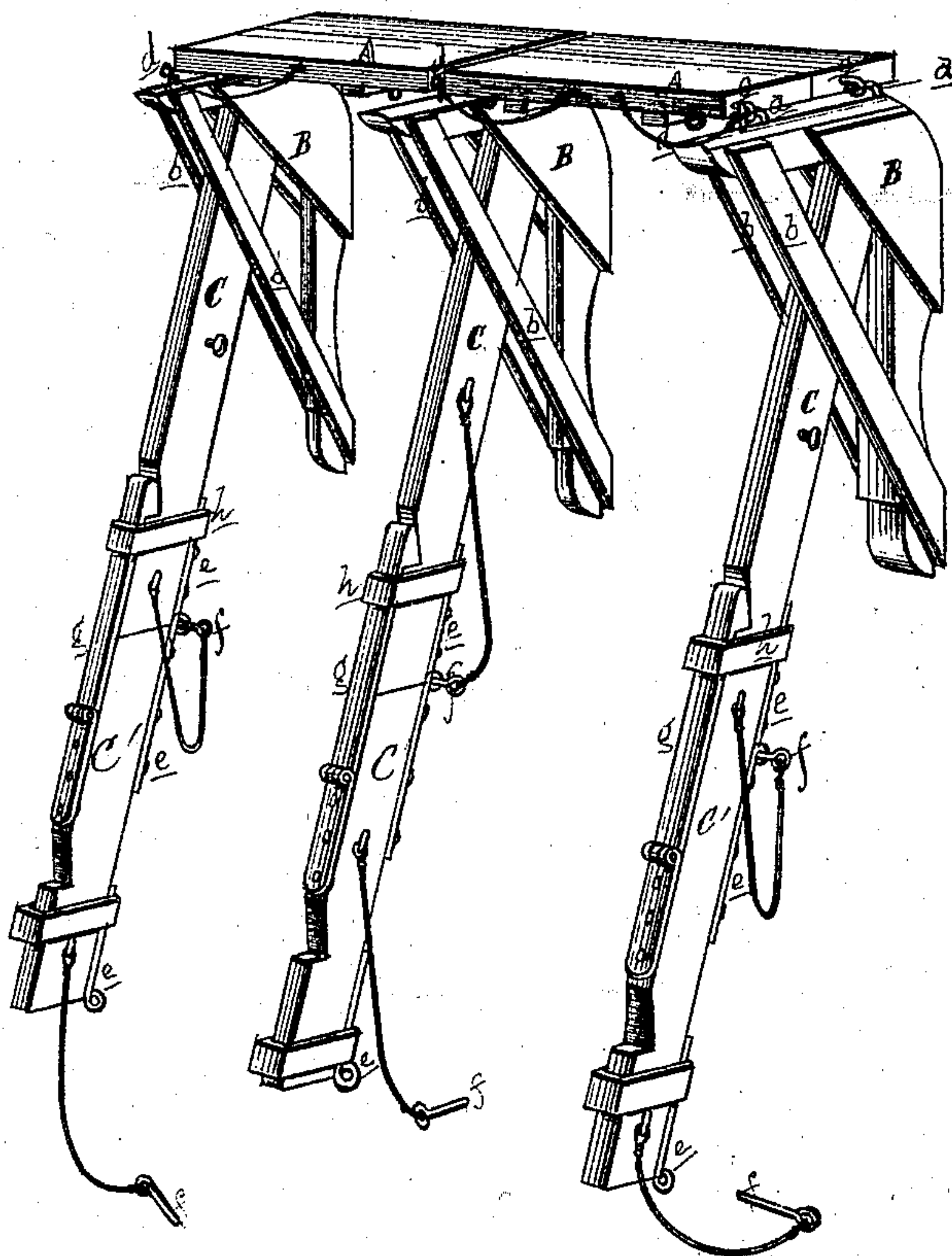
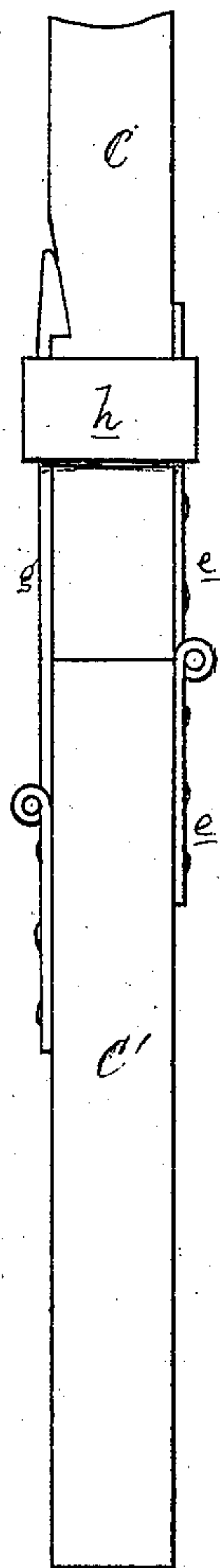


Figure 2—



ATTEST:

James Thierry

John Ruehlant

INVENTOR:

G. W. Wells

Per Attorney

Thos. S. Sprague

# United States Patent Office.

GEORGE W. WELLS. OF LAWTON, MICHIGAN.

Letters Patent No. 99,799, dated February 15, 1870.

## IMPROVED SCAFFOLD.

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, GEORGE W. WELLS, of Lawton, in the county of Van Buren, and State of Michigan, have invented a new and useful Improvement in Painters' and Builders' Scaffold; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

Figure 1 is a perspective view of my invention.

Figure 2 is a section of one of the braces.

Like letters indicate like parts in each figure.

The nature of this invention relates to the construction of a scaffold for the use of painters and builders, and consists in the adjustable supports, by means of which the desired height of the scaffold may be determined, as hereinafter more fully set forth.

In the drawings—

B represents a bracket having a pair of guide-braces, *b*, secured to the outer end of its shelf and to the lower end of its standard.

On the shelf is a pair of stationary hooks, *a*, with which engages a pair of eye-bolts, *c*, projecting from either end of a section of platform, A, which is held in place by dropping a pin, *d*, into the shelf of the bracket in front of the eye-bolt.

The scaffold thus formed is supported against the

wall by inserting between the braces *b* of each bracket a prop or brace, C, with its lower end on the ground.

To elevate the scaffold additional braces, C', are employed, and are jointed to the lower ends of the first series in the following manner:

Each end of the braces is provided on the rear side with one leaf of a strap-hinge, *e*, which are joined together by a hinge-pin, *f*.

On the upper front end of the lower brace is hinged a latch, *g*, having a harpoon head which engages with a notch cut in the lower end of the upper brace, and is held in place by a collar or sleeve, *h*, slipped over it. As the platforms are hinged to the brackets, each bracket may be elevated the length of a section of brace without interfering with the rest, and the process repeated until the desired elevation of scaffold is attained.

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

In portable scaffolds, the latch *g*, the strap hinge *e*, the pin *f* and the collar *h*, in combination with the braces C and C', notched as described, when constructed and operating as and for the purpose set forth.

GEORGE W. WELLS.

Witnesses:

JAS. I. DAY,

J. O'BRIEN.