

No. 885,791.

PATENTED APR. 28, 1908.

M. RUSSELL.
ADJUSTABLE SCAFFOLD.
APPLICATION FILED OCT. 8, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

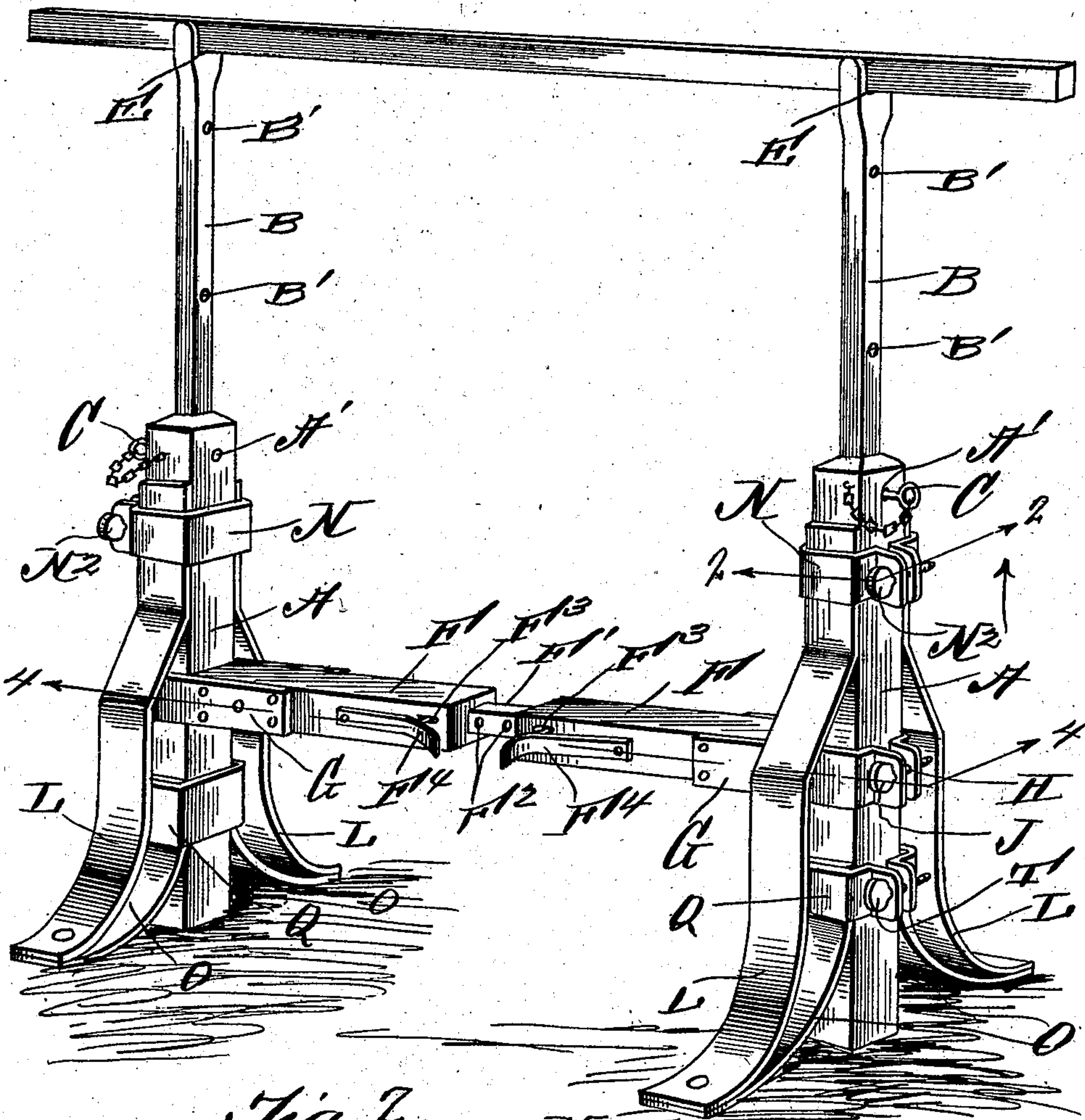
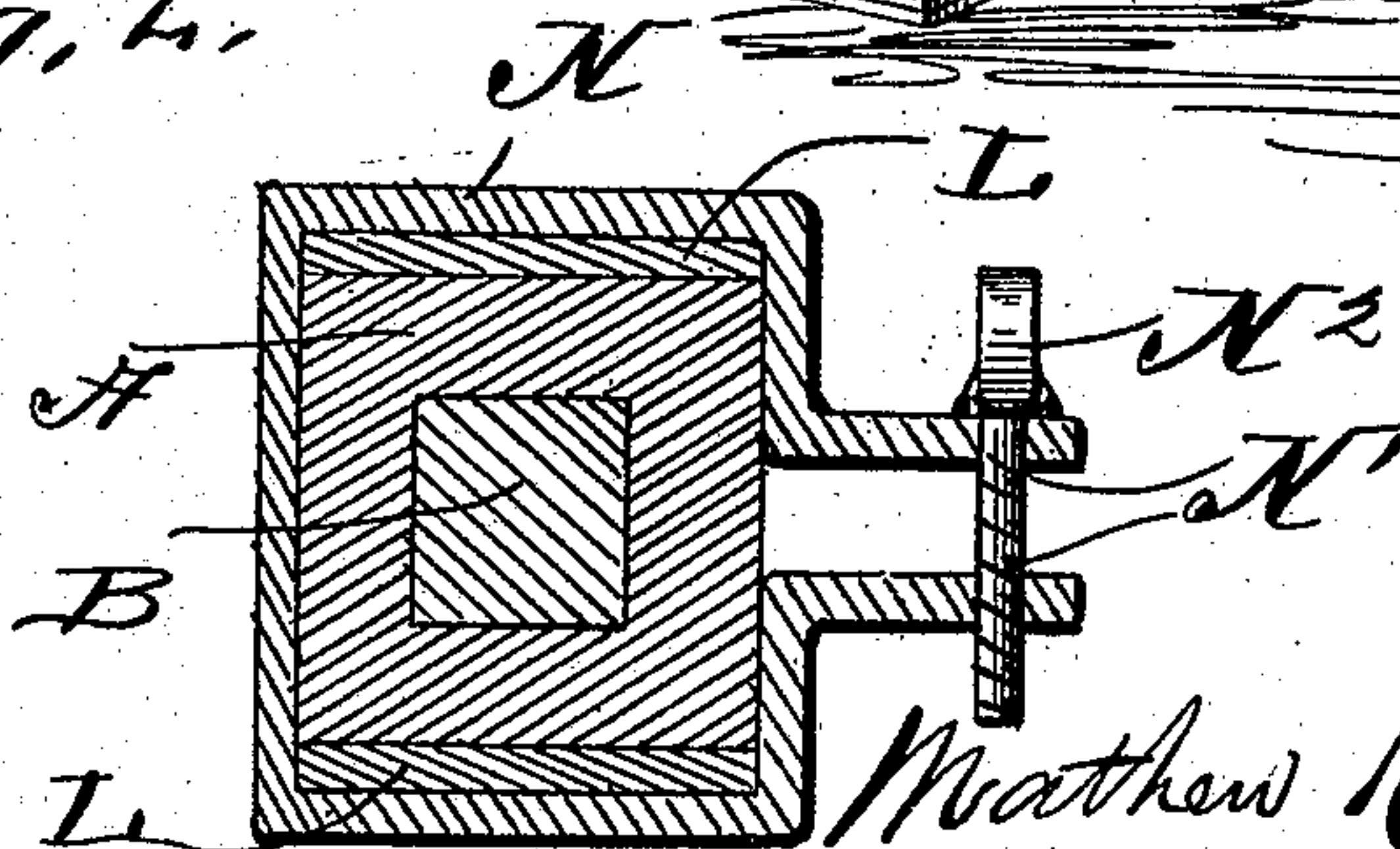


Fig. 2.



Witnesses

W. H. Brown
J. V. Sherwood

By

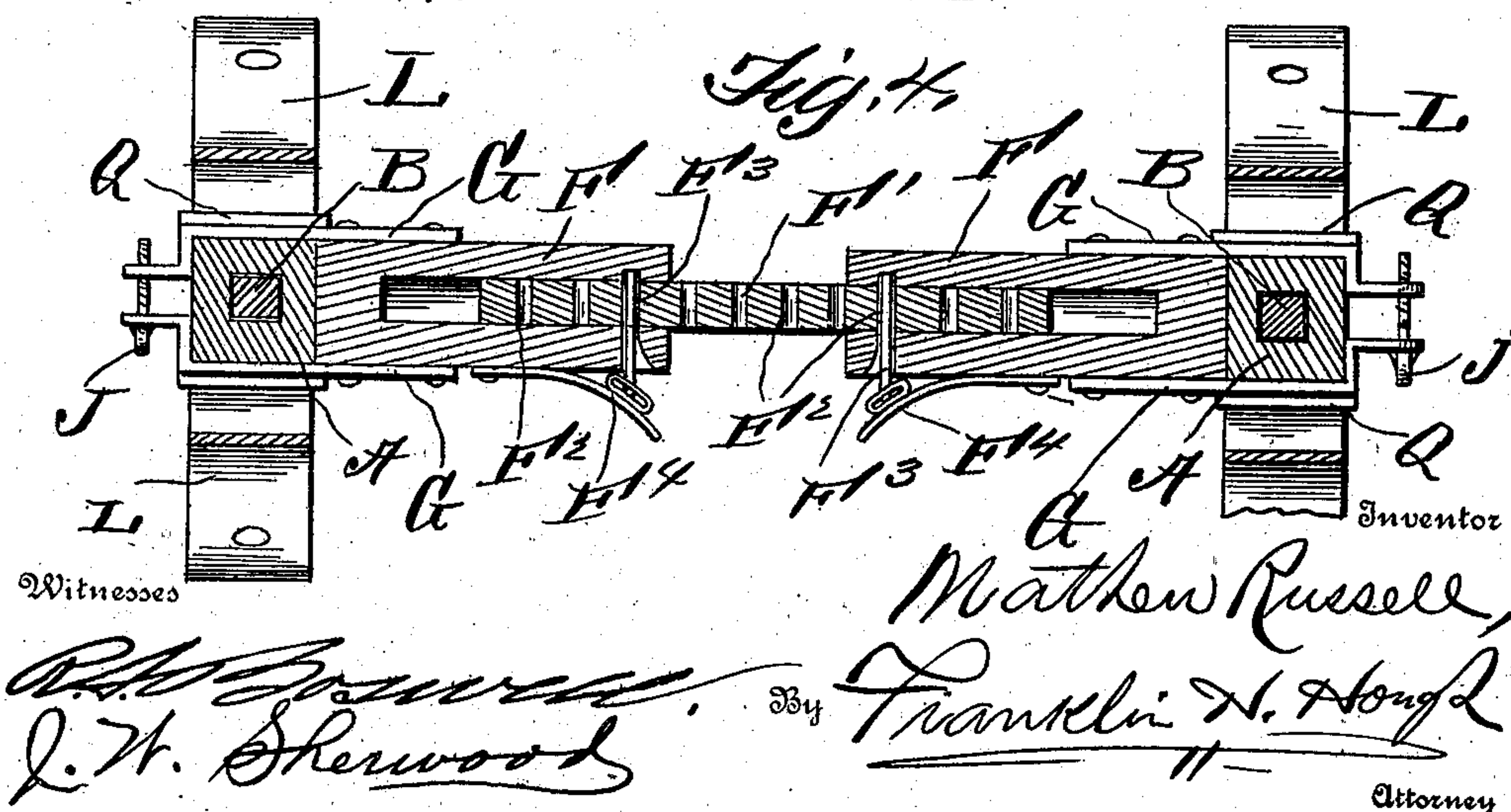
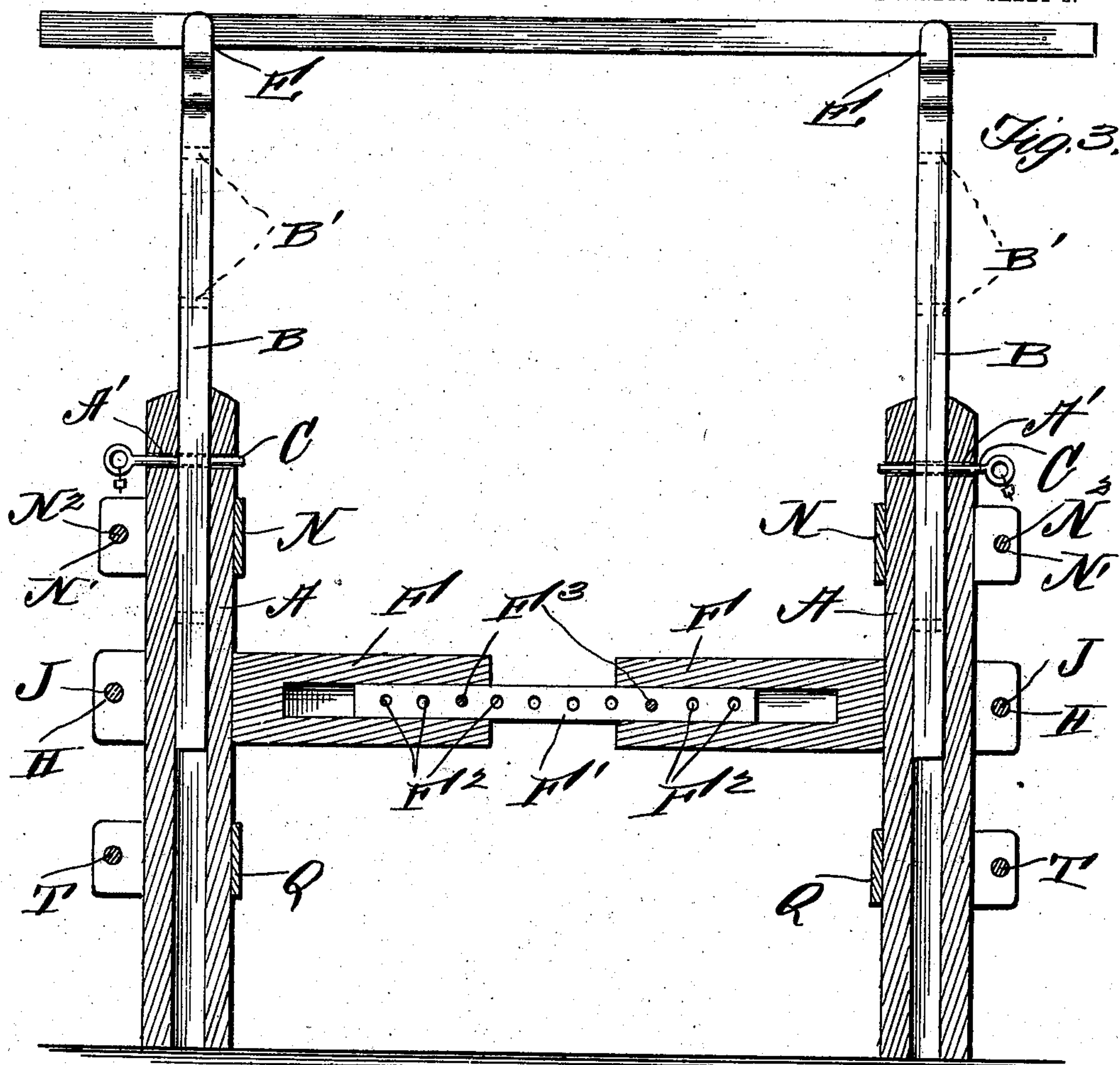
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2 SHEETS—SHEET 2.



UNITED STATES PATENT OFFICE.

MATHEW RUSSELL, OF PAW PAW, MICHIGAN.

ADJUSTABLE SCAFFOLD.

No. 885,791.

Specification of Letters Patent.

Patented April 28, 1908.

Application filed October 8, 1907. Serial No. 396,447.

To all whom it may concern:

Be it known that I, MATHEW RUSSELL, a citizen of the United States, residing at Paw Paw, in the county of Van Buren and State of Michigan, have invented certain new and useful Improvements in Adjustable Scaffolds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in extensible scaffolds for supporting platforms or boards for various uses, and comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of my improved scaffold. Fig. 2 is a cross sectional view on line 2—2 of Fig. 1. Fig. 3 is a vertical sectional view through the scaffold. Fig. 4 is a cross sectional view on line 4—4 of Fig. 1.

Reference now being had to the details of the drawings by letter, A—A designate two posts which are preferably hollow and adapted to receive a vertical extensible bar B, which latter has apertures B' therein designed to be brought into registration with apertures A' formed in the hollow posts, and C is a pin which may be passed through said registering apertures to hold the extensible bar B in an adjusted position. The upper end of each bar B is forked, as at E, and is adapted to receive a board or bar which may support a temporary platform.

F—F designate two horizontally disposed hollow shells in which an extensible bar F' is mounted, which is provided with apertures F² designed to be brought into registration with the hollow shells F, and F³ designates a pin mounted upon a spring F⁴ which passes through the shells F and is adapted to

engage the registering apertures in the horizontal extensible bar and shells F to hold the same in adjusted position. Fastened to the opposite sides of each horizontally disposed pieces F are the plates G, made of any suitable material. The free ends of said plates are bent at angles, thence outwardly extending parallel to each other and having threaded apertures H for the reception of an adjusting screw J, whereby the free ends of the plates which are preferably of a resilient metal may be clamped frictionally against the opposite edges of the vertical hollow post to hold the laterally projecting posts A in adjusted positions and form supports for boards or temporary platforms.

L—L designate two metallic braces, the upper ends of which are frictionally engaged and held in clamped relation against the opposite faces of the posts A by means of a clamping band N, which surrounds the post and has its ends bent parallel to each other and provided with threaded apertures N' for the reception of the clamping screw N². Fixed at the lower ends, one to each of the braces L, are the resilient bars O, the upper free ends of which are adapted to be clamped by a band Q which is similar in construction to the band N² before described, provided with threaded apertures for the reception of a clamping screw T whereby the free ends of said bars may be held by the band Q tightly clamping the free ends of said bars against the posts A.

From the foregoing, it will be noted that, by the provision of the apparatus shown and described, a simple and efficient device is afforded whereby a lateral as well as a vertical adjustment may be had to the scaffold, affording means for supporting boards of temporary platforms at different heights for convenience of workmen in different sized rooms and, by the peculiar construction of the apparatus, it will be observed that it may be taken apart and reduced to a small compass when desired for storage or other purpose.

What I claim to be new is:—

An adjustable scaffold comprising vertically disposed hollow posts, horizontally disposed clamping plates fastened to the oppo-

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site faces of each of said posts, hollow horizontally disposed pieces clamped by said plates, an apertured strip designed to be adjustably held in said hollow pieces, extension
5 strips mounted in said hollow posts, brace bars arranged in pairs and fastened together at their lower ends, clamping members positioned one above and one below said plates

and designed to frictionally hold said brace bars against said posts, as set forth. 19

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

MATHEW RUSSELL.

Witnesses:

WILBUR DOWNING,
E. E. DOWNING.