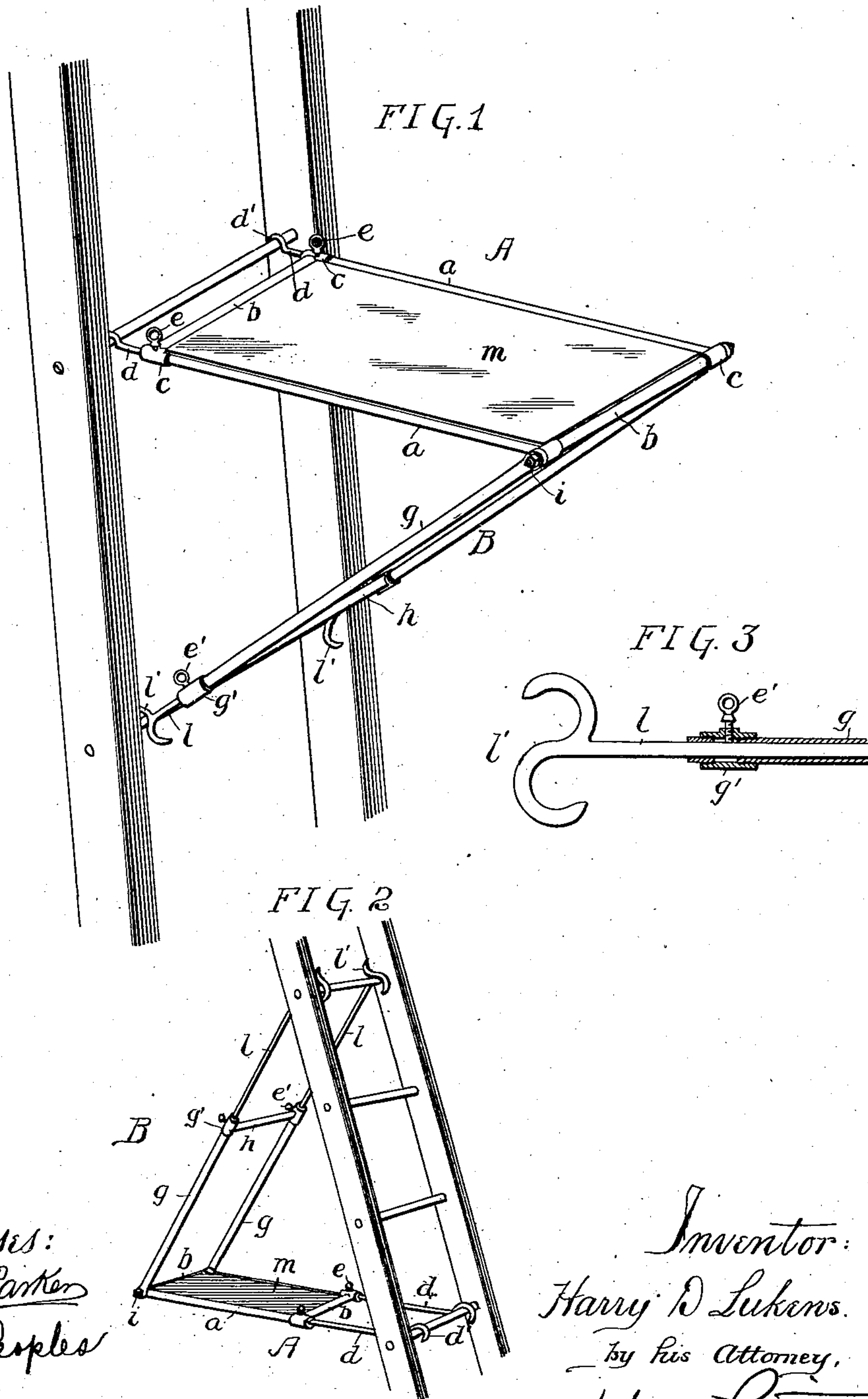


No. 606,763.

Patented July 5, 1898.

H. D. LUKENS.
SCAFFOLD SUPPORT.

(No Model.)



Witnesses:
John E. Barker
Blair Peoples

Inventor:
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UNITED STATES PATENT OFFICE.

HARRY D. LUKENS, OF SPRING CITY, PENNSYLVANIA.

SCAFFOLD-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 606,763, dated July 5, 1898.

Application filed September 23, 1897. Serial No. 652,708. (No model.)

To all whom it may concern:

Be it known that I, HARRY D. LUKENS, a citizen of the United States, and a resident of Spring City, county of Chester, and State of Pennsylvania, have invented certain new and useful Improvements in Scaffold-Supports, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to certain improvements in scaffold-supports of that class which may be attached to ladder-rungs and project therefrom in the form of a bracket for the support of a workman or for the reception of a scaffold-board supported at its opposite end on a similar bracket.

The principal object of my invention is to provide a device of this class in the form of a folding tubular frame provided with extensible hooked bars for engagement with the rungs of the ladder.

In the accompanying drawings, Figure 1 is a perspective view of a scaffold-support, illustrating the same in position on a ladder. Fig. 2 is a similar view showing portions of the frame extended and hung to the rungs at the back of the ladder. Fig. 3 is a sectional elevation of one of the ends of the tubular frame, as more specifically referred to hereinafter.

Referring to the drawings, A represents the upper section of the frame, formed of two parallel side tubes *a* and two parallel end tubes *b*, arranged to form a rectangular frame having its various corners connected by T's *c*. Arranged within the side tubes *a* are adjustable bars *d*, which may be slid to and fro within the side tubes for the full length of the latter and at the outer ends are hooked, as at *d'*, for engagement with the ladder-rung. In order to hold the sliding bars positively in any position to which they may be moved, I provide in the forward T's set-screws *e*, which are adapted to threaded orifices in the T's and may be screwed down firmly on the sliding bars *d*.

The section B of the folding frame is of slightly greater width than the frame A and is formed of two side tubes *g*, united at their forward ends by T's *g'* to a cross-bar *h*, and having their rear ends flattened and provided with orifices for the passage of a pivot-

bolt *i*, which passes through a rear tube *b* of the upper frame.

In the side bars *g* are arranged sliding bars *l*, having S-shaped end portions *l'*, adapted for engagement with the ladder-rung in either of the two positions illustrated, respectively, in Figs. 1 and 2. Each of the bars *l* is confined in position by a set-screw *e'*, passing through the T's *g'* of the frame in a manner similar to that already described with reference to the bars *d*.

Between the various bars of the frame A is secured a platform *m* for the support of the workmen, or at times this platform may be omitted when it is simply intended to employ the bracket as a support for a scaffold-board. The relative width and length of the sections are such that the smaller section A may be folded within the larger section for convenience in storage and shipping.

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

1. The combination in a scaffold-support, of the tubular frames arranged to fold one within the other, extensible hooked bars adapted to slide within the side tubes of each of the frames, and means for confining said bars in position, substantially as specified.

2. In combination, two tubular frames arranged to fold together, hooked bars guided within the side tubes of each frame, and set-screws for confining the bars in the adjusted position.

3. The combination of the frame A comprising side and end tubes *a* and *b* respectively, extensible bars *d*, carried by the side tubes and having hooked ends for engagement with ladder-rungs, a frame B, comprising side and end tubes *g*, *h*, respectively, extensible bars *l*, carried by the side tubes *g*, and having hooked ends for engagement with the ladder-rung, set-screws for confining the hooked bars in their respective tubes, and a pivot-bolt *i*, connecting said frames to each other, substantially as specified.

In testimony whereof I hereunto set my hand this 16th day of September, A. D. 1897.

HARRY D. LUKENS.

Witnesses:

A. G. SHILLICH,
JOSEPH L. CARNEY.