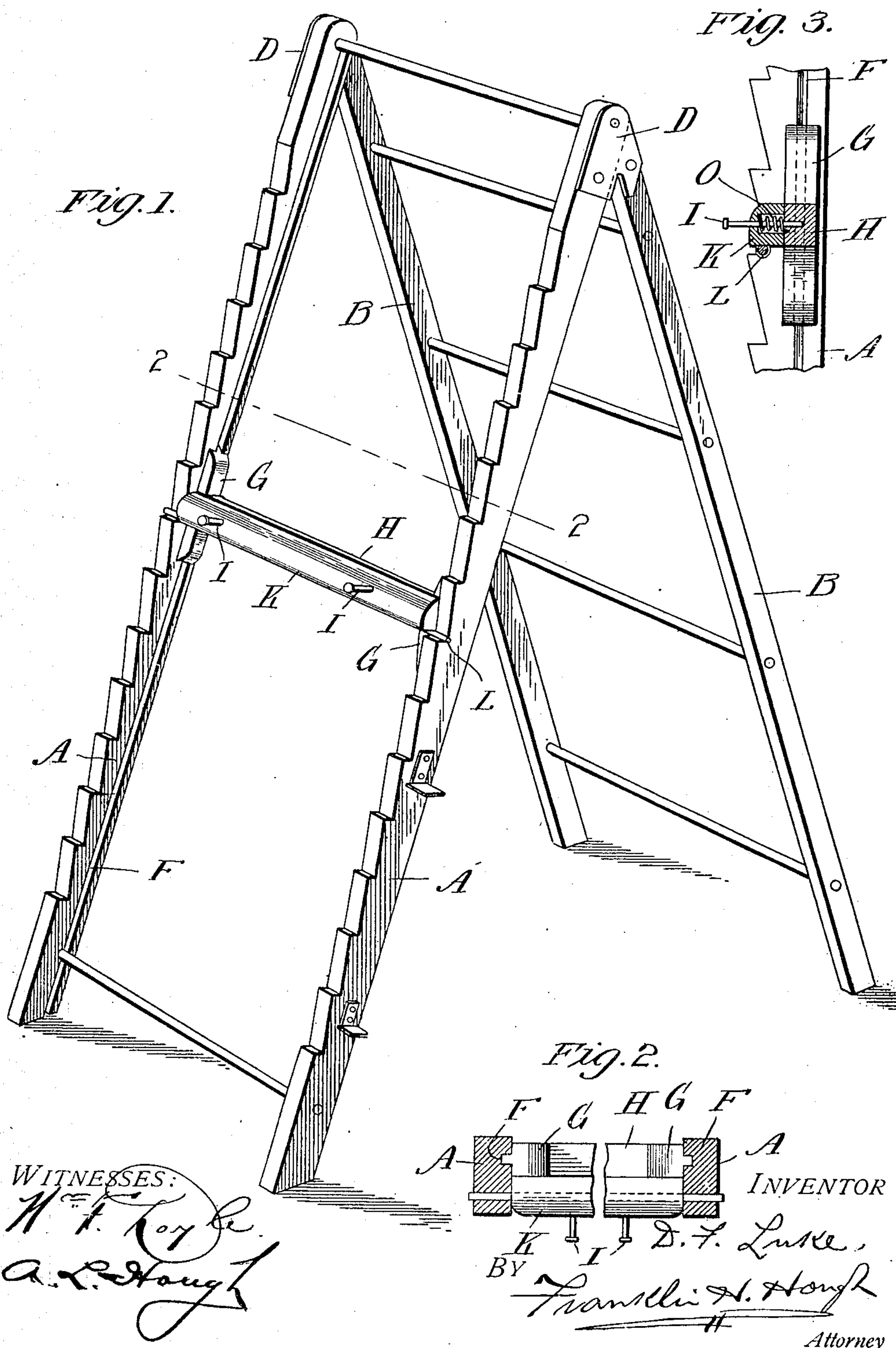


No. 872,187.

PATENTED NOV. 26, 1907.

D. F. LUKE.
SCAFFOLD SUPPORT.
APPLICATION FILED JULY 29, 1907.



UNITED STATES PATENT OFFICE.

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SCAFFOLD-SUPPORT.

No. 872,187.

Specification of Letters Patent.

Patented Nov. 26, 1907.

Application filed July 29, 1907. Serial No. 386,020.

To all whom it may concern:

Be it known that I, DAVID F. LUKE, a citizen of the United States, residing at Blakeslee, in the county of Williams and State of Ohio, have invented certain new and useful Improvements in Scaffold-Supports; 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 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 scaffold supports and ladders and the object of the invention is to produce a simple and efficient apparatus, whereby a support for a scaffold may be held at different locations, and comprises a slide carrying a spring-pressed supporting member adapted to engage oppositely disposed notches formed in the edges of the strips.

The invention comprises various other details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view of my improved scaffold support and ladder. Fig. 2 is a cross sectional view on line 2—2 of Fig. 1, and Fig. 3 is a cross sectional view through the scaffold supporting strip.

Reference now being had to the details of the drawings by letter, A—A designate two strips which are notched upon their corresponding edges, and B is a prop made up of two longitudinal strips, the upper ends of which are hinged to the plate D which is fastened to the strips A. Suitable cross-pieces or rounds brace said prop and also the notched strips. Each of the inner faces of said notched strips is provided with a longitudinal groove F, and G—G designate two sliding blocks having each a longitudinal groove adapted to slide in and be guided by said slots and H is a cross-piece connecting

said slots. Projecting from said cross-piece H are the pins I which extend through apertures in the spring-pressed block K.

L designates a rod which is fastened to the strip K and the ends of said rod project beyond the ends of the strip K and are adapted to rest in oppositely disposed notches in said strips A. Torsion springs O are mounted upon said pins and intermediate the strips A and the cross-piece H, the office of which pins is to draw the strip K normally toward the cross-piece H so that the ends of said rod will normally engage the notches in the strips A.

In operation, when it is desired to adjust the apparatus for supporting scaffolding at different heights, the strip K is pulled out so that the ends of the rod will free the notches, after which the slides communicate with the cross-piece H and which latter carries the strips K and may be moved up or down and, when the hold upon the strips K is released, said strips will draw the latter toward the cross-piece H and the ends of the rod will engage oppositely disposed notches and support the cross-piece at the desired location.

What I claim to be new is:—

1. A scaffold support comprising notched strips having longitudinal grooves therein, a prop hinged to said strips, slides having tongues mounted to move in said longitudinal slots in the notched strips, a cross-piece connecting said slides, pins projecting from said cross-piece, a strip mounted upon said pins, and means supported by the strip upon said cross-piece for engagement with said notched strips, as set forth.

2. A scaffold support comprising notched strips having longitudinal grooves therein, a prop hinged to said strips, slides having tongues mounted to move in said longitudinal slots in the notched strips, a cross-piece connecting said slides, pins projecting from said cross-piece, a strip mounted upon said pins, a rod fastened to said strip which is supported by the cross-piece, the ends of said rod engaging said notched strips, and means for holding said rod in the notches of said strip, as set forth.

3. A scaffold support comprising notched

strips having longitudinal grooves therein, a prop hinged to said strips, slides having tongues mounted to move in said longitudinal slots in the notched strips, a cross-piece
5 connecting said slides, pins projecting from said cross-piece, a strip mounted upon said pins, a rod fastened to said strip which is supported by the cross-piece, the ends of said rod engaging said notched strips, and springs normally designed to hold the ends of the 10 rods in the notches of said strips, as set forth.

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

DAVID F. LUKE.

Witnesses:

J. A. NICHOLS,

DAVID KLINGLER.