

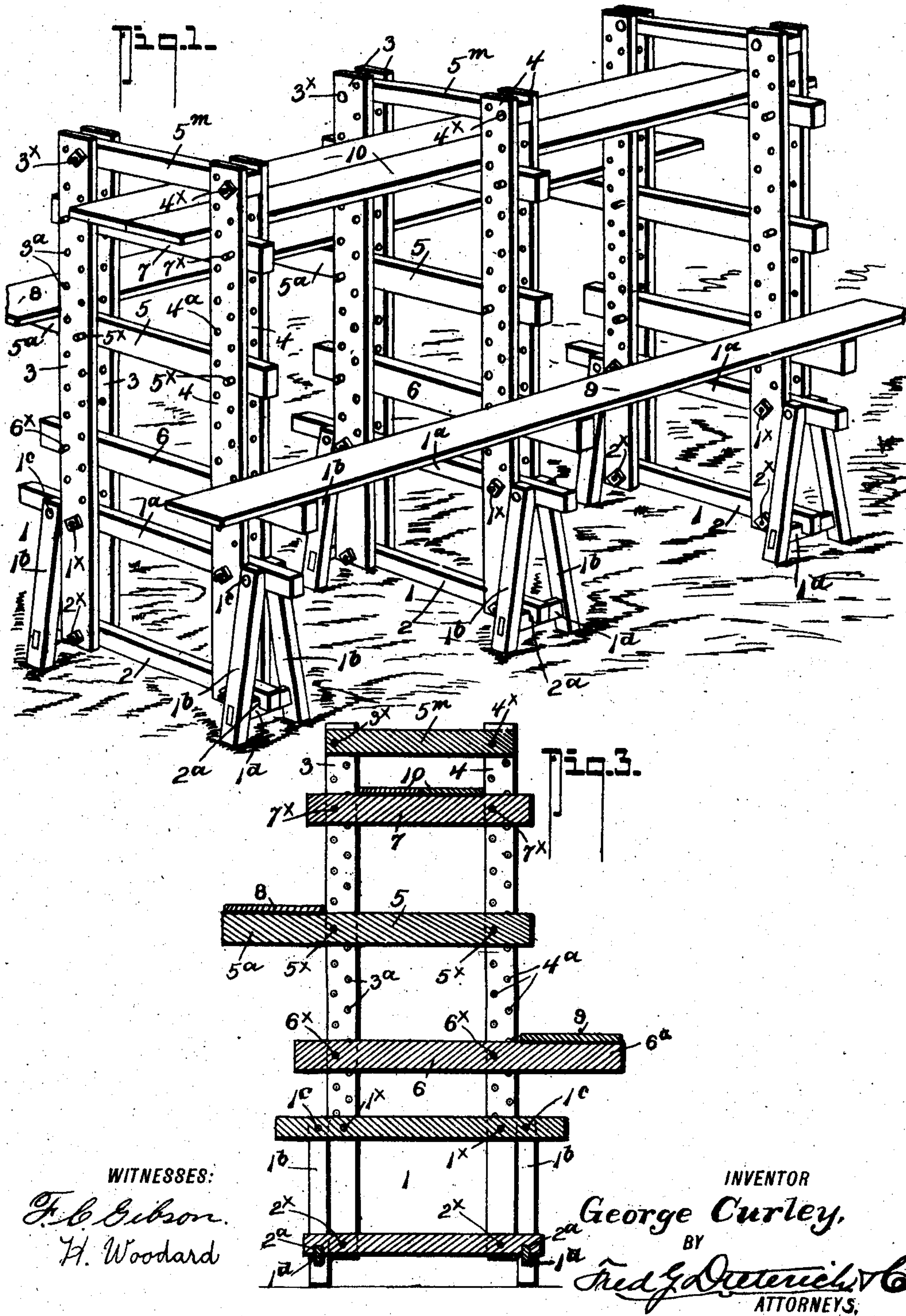
No. 835,059.

PATENTED NOV. 6, 1906.

G. CURLEY.  
SCAFFOLD.

APPLICATION FILED MAY 25, 1906.

2 SHEETS—SHEET 1.



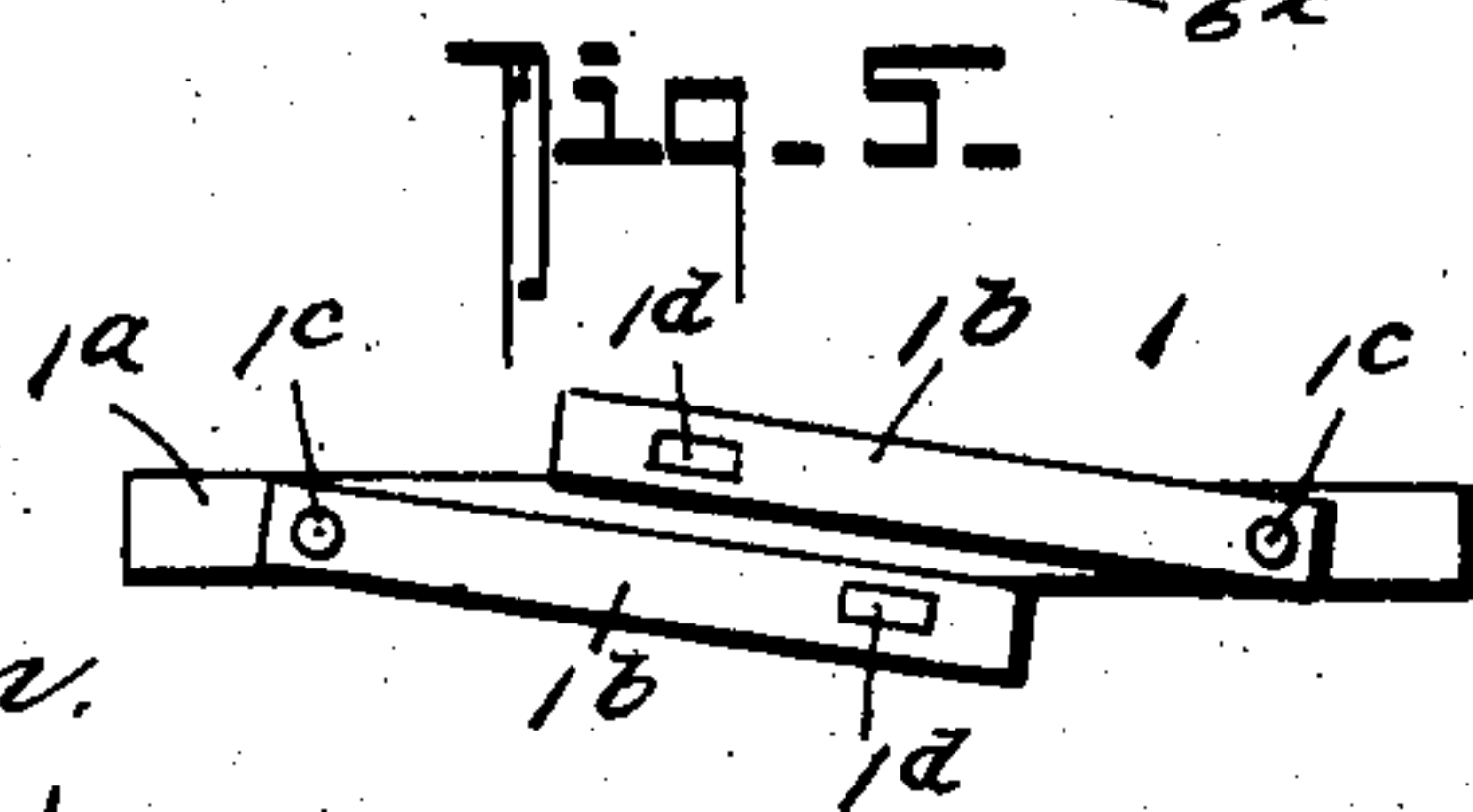
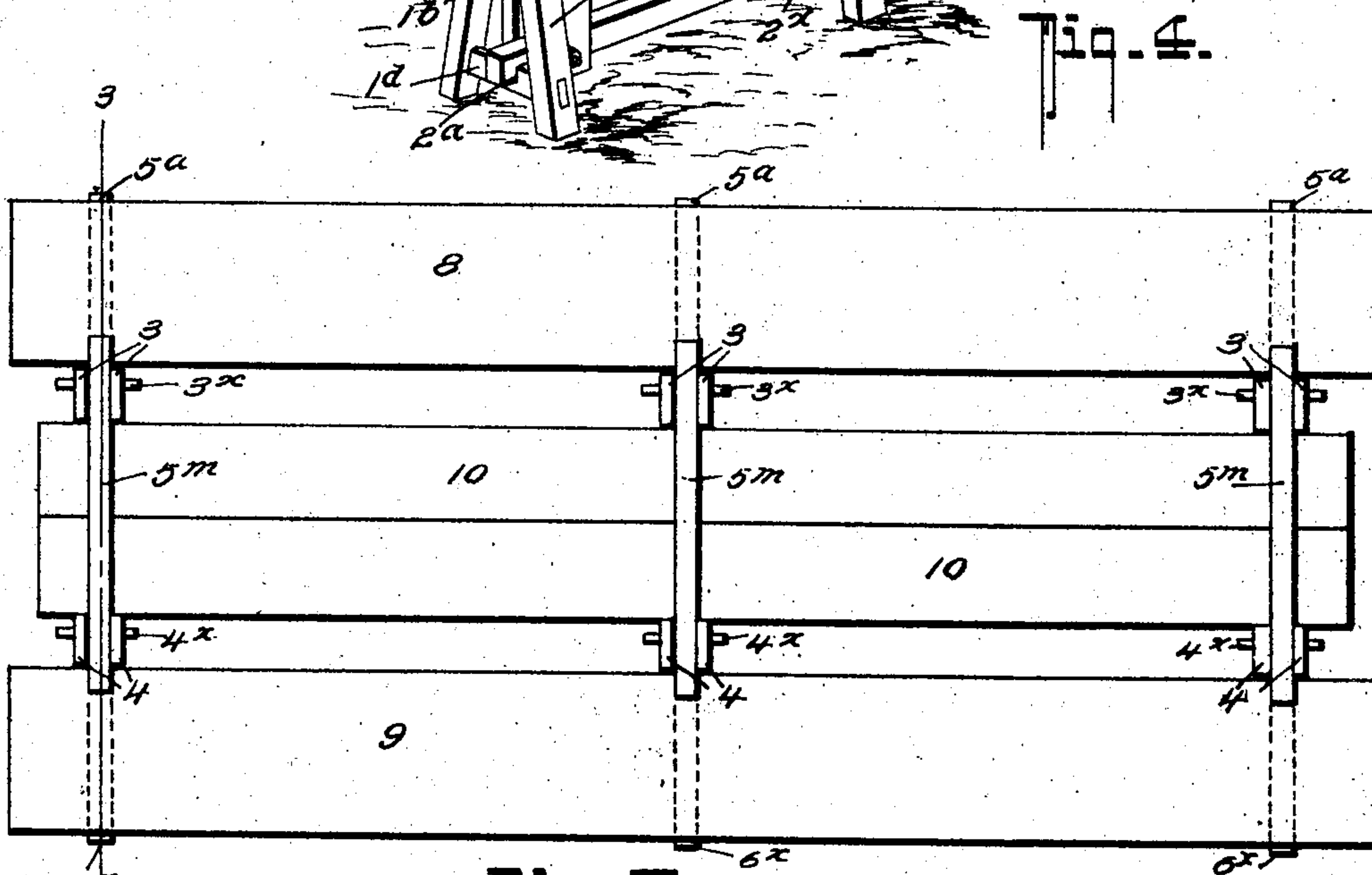
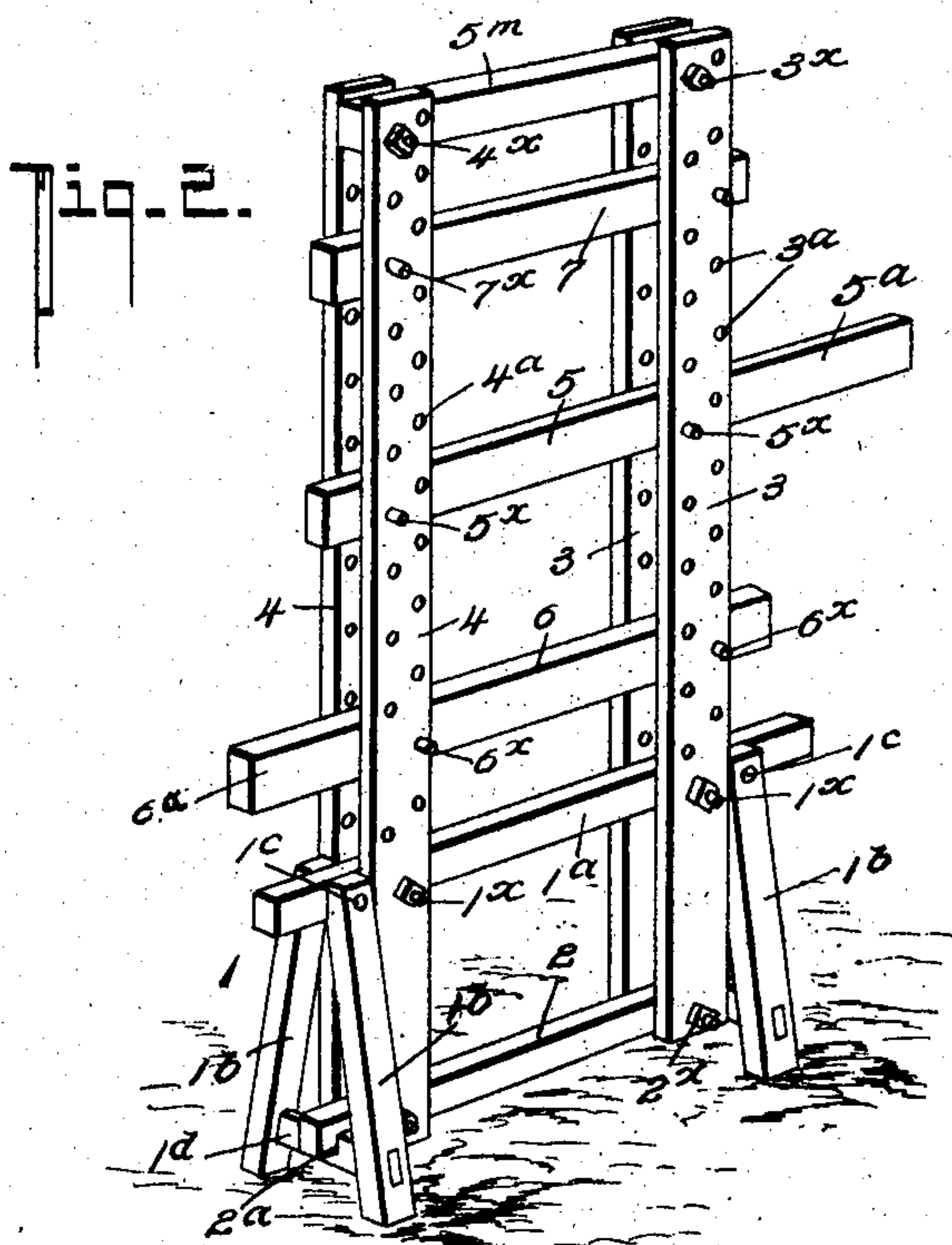
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2 SHEETS—SHEET 2.



WITNESSES:  
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*H. Woodard*

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# UNITED STATES PATENT OFFICE.

GEORGE CURLEY, OF SALT LAKE CITY, UTAH.

## SCAFFOLD.

No. 835,059.

Specification of Letters Patent.

Patented Nov. 6, 1906.

Application filed May 25, 1906. Serial No. 318,771.

*To all whom it may concern:*

Be it known that I, GEORGE CURLEY, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Scaffolds, of which the following is a specification.

My invention relates to certain new and useful improvements in portable scaffolding, and it more particularly seeks to provide a scaffold of this character of a very simple and effective construction which can be readily adjusted to different heights, and in its generic nature the invention comprises a plurality of horses or trestles with upright pieces bolted on each end, each upright piece having adjustable bolt-holes spaced apart at suitable intervals and one or more cross-bars adjustably held between the upright pieces and secured thereto by means of bolts or pins passing through the bolt-holes of the upright pieces and similar holes in the cross-bars.

In its more detail nature my invention comprises a plurality of horses or trestles each consisting of a transverse bar, a pair of legs bolted thereto at each end, spacing-bars at the bottom of said legs, and a rectangular frame bolted to said cross-bar and to a second cross-bar secured to the brace-bars of the trestle-legs, said rectangular frame also including a pair of uprights at each side spaced apart and having a plurality of spaced apertures throughout their length and a cross-bar held between the pair of uprights at each side and bolted thereto and a plurality of cross-bars held between said uprights and adjustably secured thereto by bolts or pins, said last-named cross-bars adapted to receive platform, one for use of the mason, one for the use of the laborer, and one to receive the materials used in building operations.

With other objects in view than have heretofore been enumerated my invention also comprises certain novel construction, combination, and arrangement of parts, all of which will be first described in detail and then specifically pointed out in the appended claims, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a perspective view of one section. Fig. 3 is a vertical cross-section on the line 3 3 of Fig. 4. Fig. 4 is a plan view of my invention. Fig. 5 is a side elevation of the horse or trestle member folded up.

Referring now to the accompanying draw-

ings, in which like numerals of reference indicate like parts in all of the figures, it will be seen that 1 designates a horse or trestle which comprises a horizontal cross-beam 1<sup>a</sup> and the legs 1<sup>b</sup> 1<sup>b</sup>, bolted in pairs, as at 1<sup>c</sup>, to the beam 1<sup>a</sup> near its ends, and the said legs 1<sup>b</sup> 1<sup>b</sup> are secured together in pairs by the brace-bars 1<sup>d</sup> 1<sup>d</sup> near the bottom thereof.

2 designates a second cross-beam having notches 2<sup>a</sup> 2<sup>a</sup> near its ends to fit over the brace-bars 1<sup>d</sup> 1<sup>d</sup>, as clearly shown in Fig. 1. Bolted to the beams 1<sup>a</sup> and 2 by bolts 1<sup>x</sup> 2<sup>x</sup> adjacent each pair of legs 1<sup>b</sup> 1<sup>b</sup> is a pair of vertical standards or supports 3 3 and 4 4, each being provided with a series of spaced pin-receiving apertures 3<sup>a</sup> 4<sup>a</sup> for a purpose presently understood. At the top the pairs of standards 3 3 and 4 4 are joined by a cross-brace beam 5<sup>m</sup>, which is bolted to the standards 3 3 and 4 4 by bolts or pins 3<sup>x</sup> 4<sup>x</sup>, as clearly shown in Fig. 1 of the drawings.

5 designates a bracket-beam transversely and adjustably secured to the standards 3 3 and 4 4 by bolts or pins 5<sup>x</sup>, which pass through the apertures 3<sup>a</sup> 4<sup>a</sup> to allow of the beam 5 to be adjusted up and down the standards.

6 and 7 designate bracket-beams of similar construction to the beam 5, which are likewise secured between the standards 3 3 and 4 4 by pins or bolts 6<sup>x</sup> and 7<sup>x</sup>, respectively.

In practice in carrying out my invention I use two or more sections of supporting devices, and over the projecting ends 5<sup>a</sup> 6<sup>a</sup> of the bracket-beams 5 6 and the beam 7, respectively, I place platform-boards 8, 9, and 10, the boards 8 serving as a platform for the mason, the boards 9 as a platform for the laborer, and the boards 10 as a platform to receive the material used in building construction.

From the foregoing it will be readily seen that the various platforms can be readily raised or lowered with respect to each other and to the ground by simply withdrawing the pins 5<sup>x</sup>, 6<sup>x</sup>, and 7<sup>x</sup> and raising or lowering the beams 5, 6, and 7 to the position desired.

From the foregoing description, taken in connection with the accompanying drawings, it is thought the manner in which my invention may be used will be readily understood by those skilled in the art to which it appertains. The same is of an exceedingly-simple nature, the parts can be readily assembled for use, and the various platforms can be adjusted to suit the wants of the user without the slightest trouble. Again, by construct-



ing a scaffold as shown and described the parts can be readily taken apart and folded up and packed for shipment, occupying when packed but an exceedingly-small amount of space. The horse or trestle can be readily folded up, as clearly shown in Fig. 7.

It should be understood that either of the platforms 8, 9, or 10 can be used by themselves, or the platforms 8 and 9 can be used while the platform 10 is left off, or the platforms 9 and 10 can be used while the platform 8 is left off, and the platforms 8 and 10 can be used while the platform 9 is left off, should it be desired to do so. Again, I may add more bracket cross-beams and use more platforms than are shown, if desired, and I do not limit myself to the exact details of construction and arrangement of parts hereinbefore shown and described.

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

1. In an apparatus of the class described, a trestle comprising a cross-beam, legs secured near each end thereof in pairs, cross-braces for each pair of legs, a second cross-beam having notches to fit over the cross-braces of the legs, pairs of vertical standards secured to the first and second cross-beams adjacent the trestle-legs, and a brace-bar secured to the vertical standards at their upper ends for the purposes specified.

2. In an apparatus of the class described, a plurality of trestles each comprising a cross-

beam, legs secured near each end thereof in pairs, a cross-brace for each pair of legs, a second cross-beam having notches to fit over the cross-braces of the legs, pairs of vertical standards secured to the first and second cross-beams, one pair near each pair of trestle-legs, bracket-beams adjustably secured between the standards, a brace-bar secured to the standards at their upper ends, and platform-boards supported by the bracket-beams, substantially as shown and described.

3. In an apparatus of the class described, a plurality of trestles each comprising a cross-beam, legs secured near each end thereof in pairs, a cross-brace for each pair of legs, a second cross-beam having notches to fit over the cross-braces of the legs, pairs of vertical standards secured to the first and second cross-beams, one beam near each pair of trestle-legs, bracket-beams adjustably secured between the standards, a brace-bar secured to the standards at their upper ends, and platform-boards supported by the bracket-beams, said vertical standards having a plurality of apertures spaced apart, bolts or pins passing through said spacing-apertures and said bracket-beams to adjustably secure the bracket-beams to the standards, all being arranged substantially as shown and described.

GEORGE CURLEY.

Witnesses:

W. F. EARLS,  
ENOS HOGE.