No. 843,118. PATENTED FEB. 5, 1907.

T. V. STRUBLE.

ADJUSTABLE FOLDING HORSE.

APPLICATION FILED JUNE 30, 1906.

FIG. I.

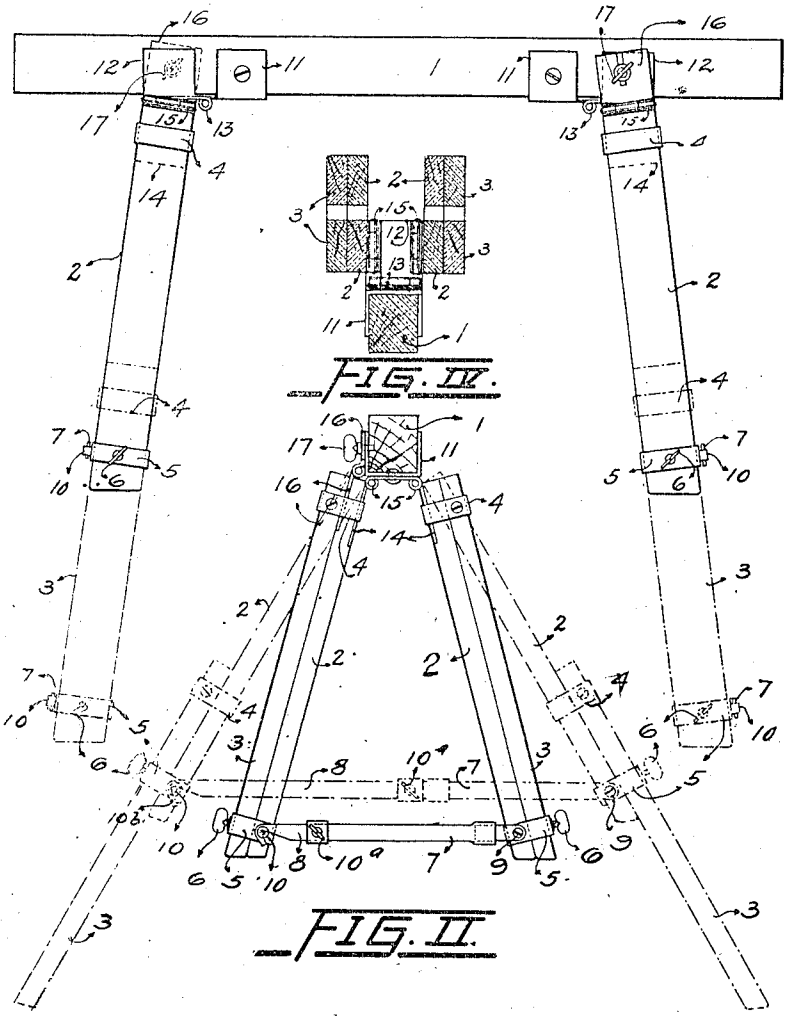


FIG. IV.

FIG. II.

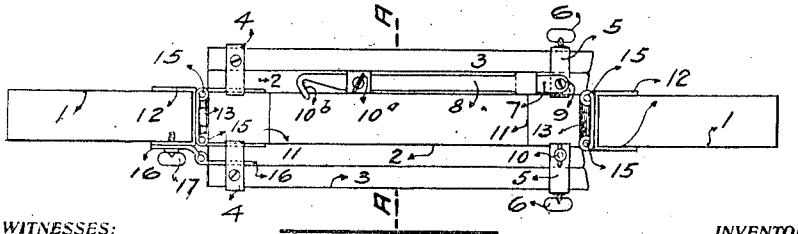


FIG. III.

WITNESSES:

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ADJUSTABLE FOLDING HORSE.

No. 843,118. Specification of Letters Patent. Patented Feb. 5, 1907.

Application filed June 30, 1906. Serial No. 324,145.

To all whom it may concern:

Be it known that I, THOMAS V. STRUBLE, a citizen of the United States, residing at Echo Lake, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Adjustable Folding Horses, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to provide a horse for builders and others which will be extensible, the legs being capable of adjustment as to length, connected by adjustable extensible braces, and hinged to the cross-beam, with means for locking said legs rigidly to said cross-beam, the whole horse being so constructed that it may be folded up when not in use into a compact package, occupying but little room, and which may be carried conveniently from place to place.

My invention is illustrated in the accompanying drawings, in which similar letters of reference indicate like parts.

Figure 1 is a side view, and Fig. 2 an end view, of my horse, the dotted lines showing the legs extended. Fig. 3 is a plan view showing the horse when folded together, and Fig. 4 is a sectional view on the line A A in Fig. 3.

The main legs 2 are hinged to the U-shaped plate 12, which is in turn hinged to the U-shaped plate 11, which is secured to the carrying or cross beam 1. The hinge-pin 13 connects the U-shaped plates 11 and 12, which permits the legs to be moved to and from the cross-beam 1. An auxiliary hinge 16 is employed to lock the hinged legs from moving when they are held apart by the extensible braces 7 and 8, one leaf of said hinge 16 being secured to the legs 2 and the other leaf projecting parallel and in contact with one side of the U-shaped plate 12, against which it is held by the thumb-screw 17. Extension-legs 3 are slidably secured to the main legs 2 by the bands 4 and 5 and screw 6. One part 7 of the leg-braces is secured on the pivot 9 on the band 5, and the brace 8 has a hook 10^b to engage the eye 10 when the said braces are rigidly held in the desired position by the screw 10^a. The straps 14 are hinged to the plate 12 by the pin 15.

A horse of the construction shown may be adjusted to any height desired and avoid the necessity of having horses of various sizes, and the parts may be built so as to be durable and strong.

With this description of my invention, what I claim, and desire to secure by Letters Patent, is—

A folding extensible horse, having a cross-beam, extensible legs, a U-shaped bracket or plate, adapted to clasp said cross-beam, and hinged to said legs, a similar U-shaped bracket or plate hinged to the first-mentioned U-shaped bracket and secured to said cross-beam, extensible braces connecting said legs in pairs, means for locking said braces, means for locking the sliding portions of said legs, a locking-hinge one leaf of which is secured to a pair of legs and means for locking the other leaf in contact with one side of the U-shaped bracket to which the legs are hinged to rigidly hold said legs in relation to the cross-beam, substantially as set forth.

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

THOMAS V. STRUBLE.

Witnesses:

MICHAEL J. MURPHY,

ANNIE STRUBLE.