

(No Model.)

R. WYLIE.

SAW HORSE.

No. 305,556.

Patented Sept. 23, 1884.

Fig. 1.

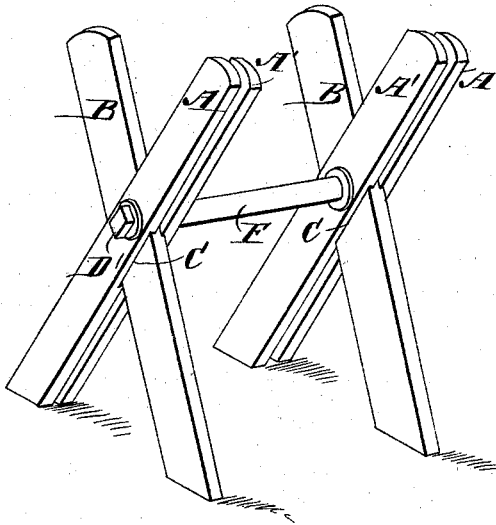


Fig. 2.

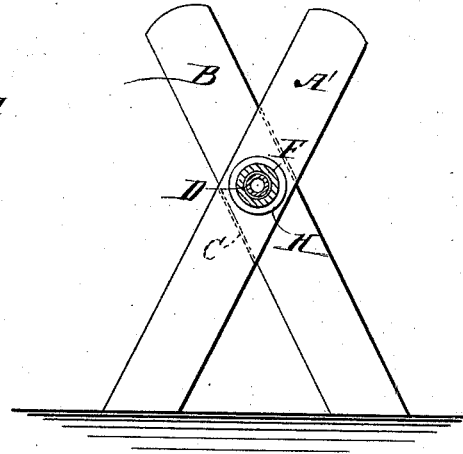


Fig. 3.

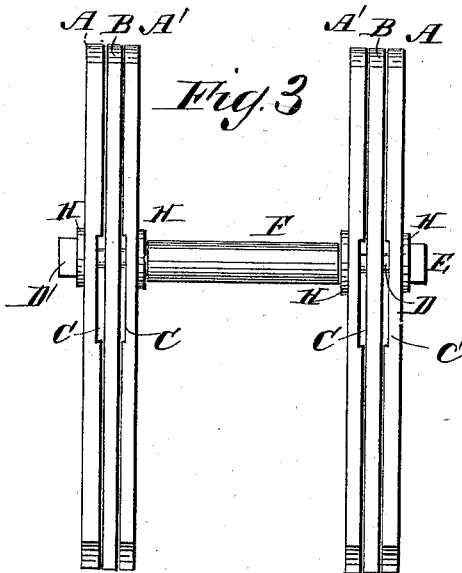
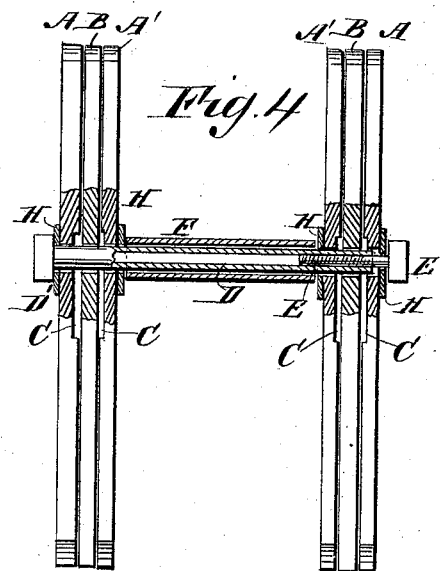


Fig. 4.



WITNESSES:

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RICHARD WYLIE, OF NAPA CITY, CALIFORNIA.

SAW-HORSE.

SPECIFICATION forming part of Letters Patent No. 305,556, dated September 23, 1884.

Application filed July 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, RICHARD WYLIE, of Napa City, in the county of Napa and State of California, have invented a new and improved Saw-Horse, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved saw-horse or saw-buck which can be folded very compactly, can be erected easily and rapidly, and is rigid when erected.

The invention consists in a saw-horse constructed of two pairs of crossed legs united by a suitable bolt, which pairs of legs are each formed of two leg-bars having recesses in their inner surfaces, and of a third leg-bar held between the recessed bars.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my improved saw-horse, showing it erected. Fig. 2 is a cross-sectional elevation of the same. Fig. 3 is a side view of the same folded. Fig. 4 is a like view, parts being broken out and others shown in section.

The saw-horse is constructed with two pairs of crossed legs united by a cross-piece, on the ends of which the legs turn. Each pair of legs is formed of three leg-bars, A, A', and B, of which the latter is held between the two former. The leg-bars A, A', and B have their lower ends beveled in opposite directions, as shown. Each leg-bar A and A' is provided at its middle with a recess, C, in its inner surface, which recesses are arranged diagonally and are of sufficient width to receive the leg-bars B, and the depth of these recesses is about equal to one-third of the thickness of the leg-bar B. A tubular bolt, D, provided at one end with a head, D', and having its opposite end screw-threaded internally, is passed

through the leg-bars A, A', and B at the intersection, and a screw-bolt, E, having a head, E', is screwed into the open end of the tubular bolt D. A sleeve, F, surrounds the tubular bolt D between the inner leg-bars, A' A', and washers H are mounted on the tubular bolt D between the ends of the sleeve F and the leg-bars A', and between the heads D' and E' and the leg-bars A.

To adjust the saw-horse for use, lower beveled ends of the leg-bars A, A', and B are placed on a level surface, and the lower ends of the leg-bars B pulled from the leg-bars A, A', whereby the leg-bars B will cross the leg-bars A and A', which are parallel. If, now, the screw-bolt E is screwed farther into the tubular bolt D, the leg-bars A' are pressed against the ends of the sleeve F, the leg-bars B are pressed against the leg-bars A', and the leg-bars A are pressed against the leg-bars B, the leg-bars B being now held in the recesses C of the leg-bars A and A'. If the horse is to be folded, the above movements are reversed.

When the horse is erected, it is very stiff and rigid, and it can be erected or folded very easily and rapidly.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. In a saw-horse, the combination, with two pairs of crossed legs and a third leg received in notches in each pair of the crossed legs, of the tubular bolt D and the screw-bolt E, substantially as herein shown and described.

2. In a saw-horse, the combination, with two pairs of crossed legs and a third leg received in mortises in each pair of the crossed legs, of the tubular bolt D, the screw-bolt E, and the sleeve F, substantially as shown and described.

RICHARD WYLIE.

Witnesses:

C. B. SEELEY,
THOS. EARL.