

A. Fasset, Standard.

No. 23614.

Patented Nov. 3 1868.

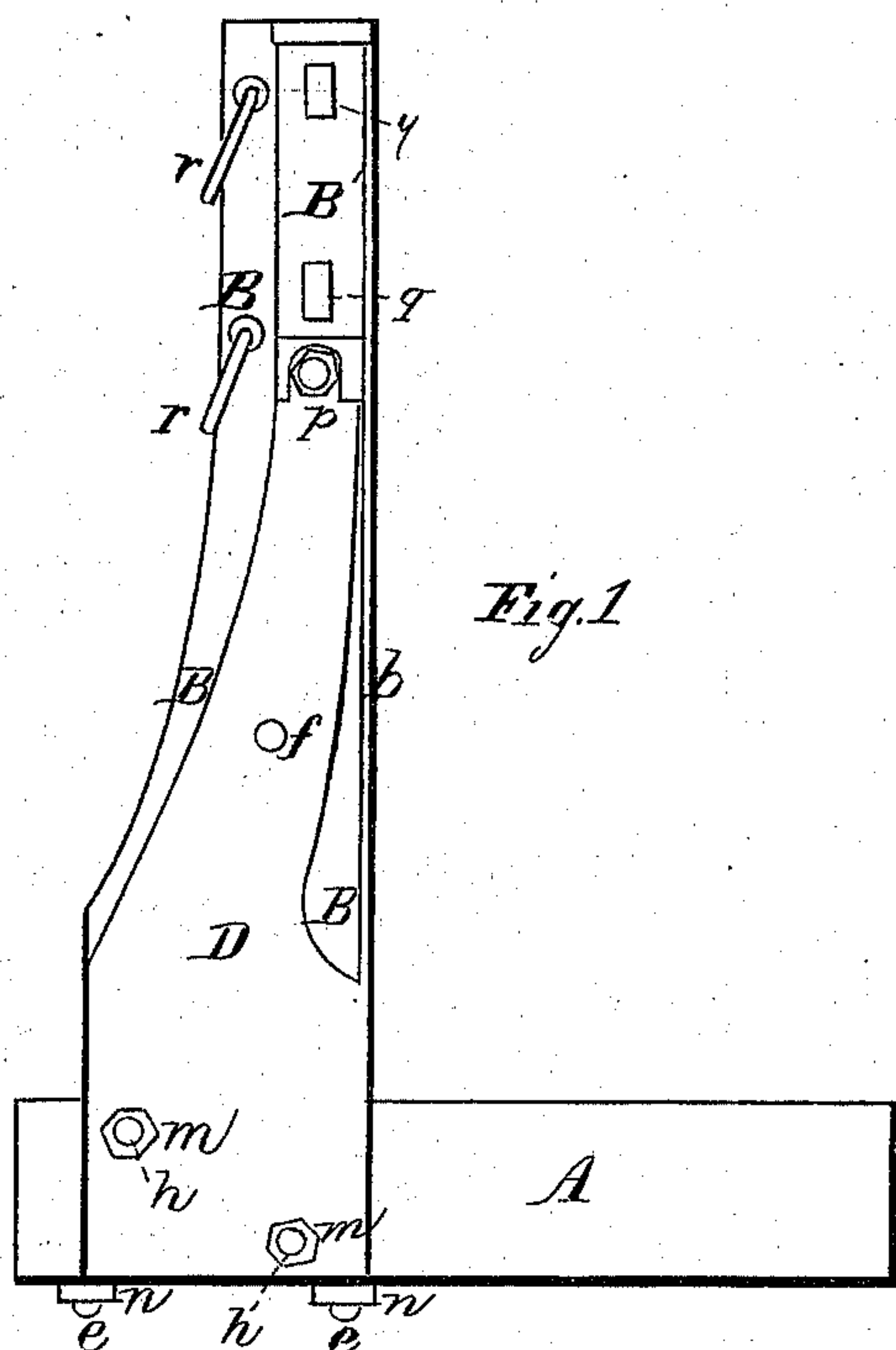


Fig. 1

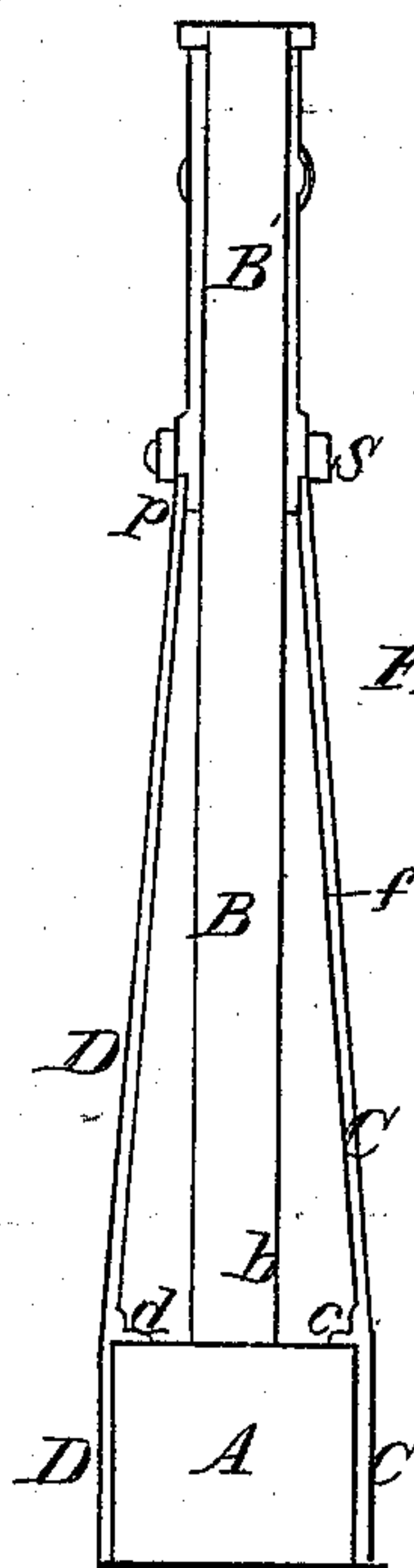


Fig. 2

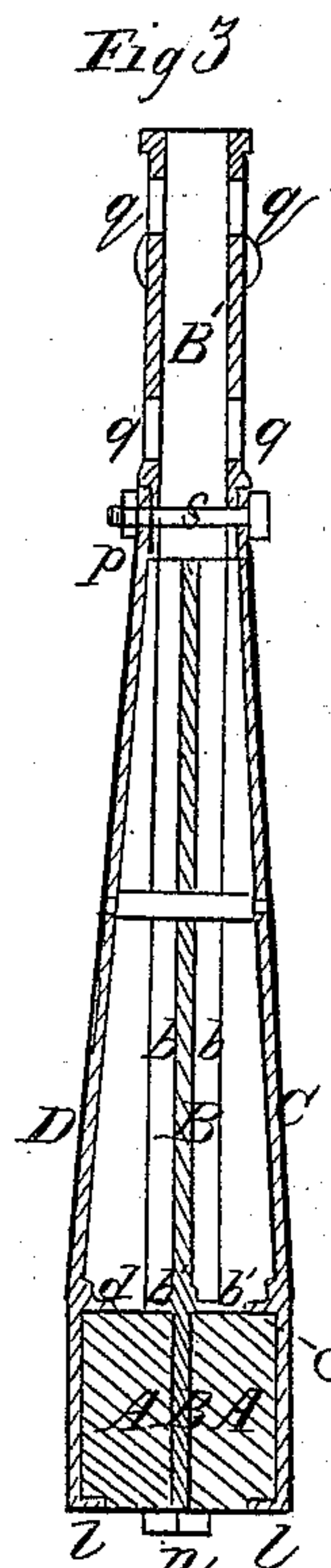


Fig. 3

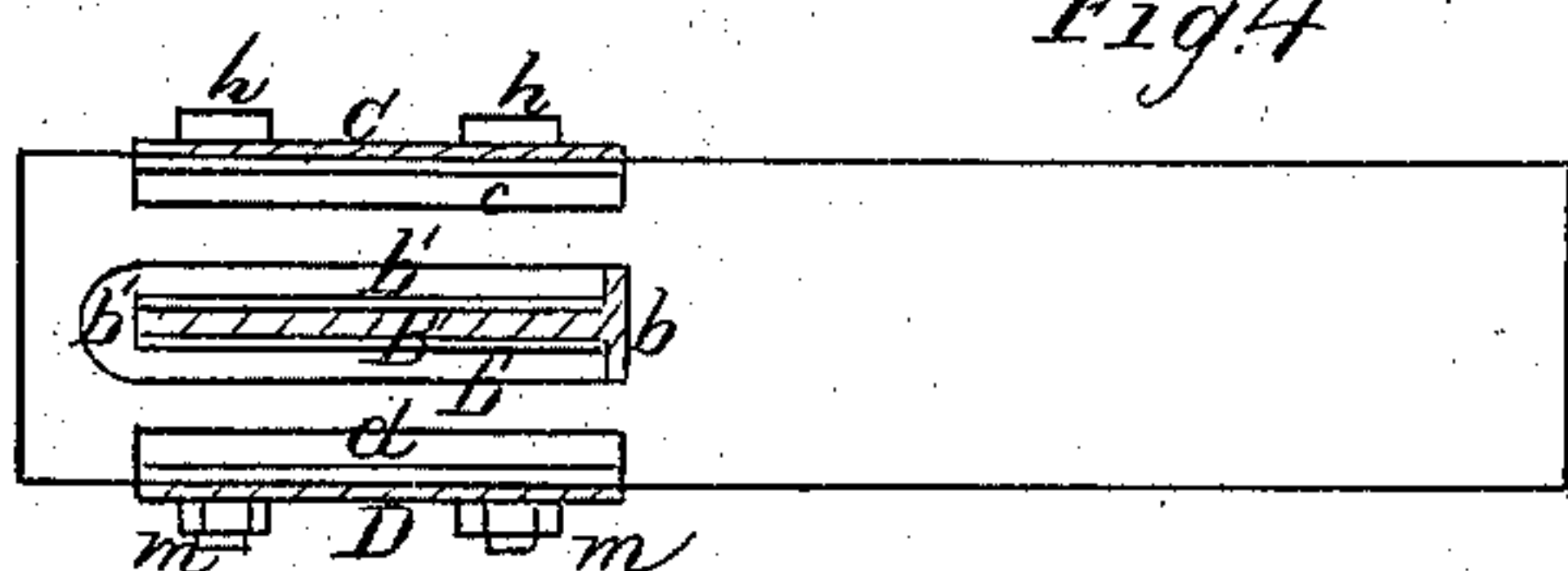


Fig. 4

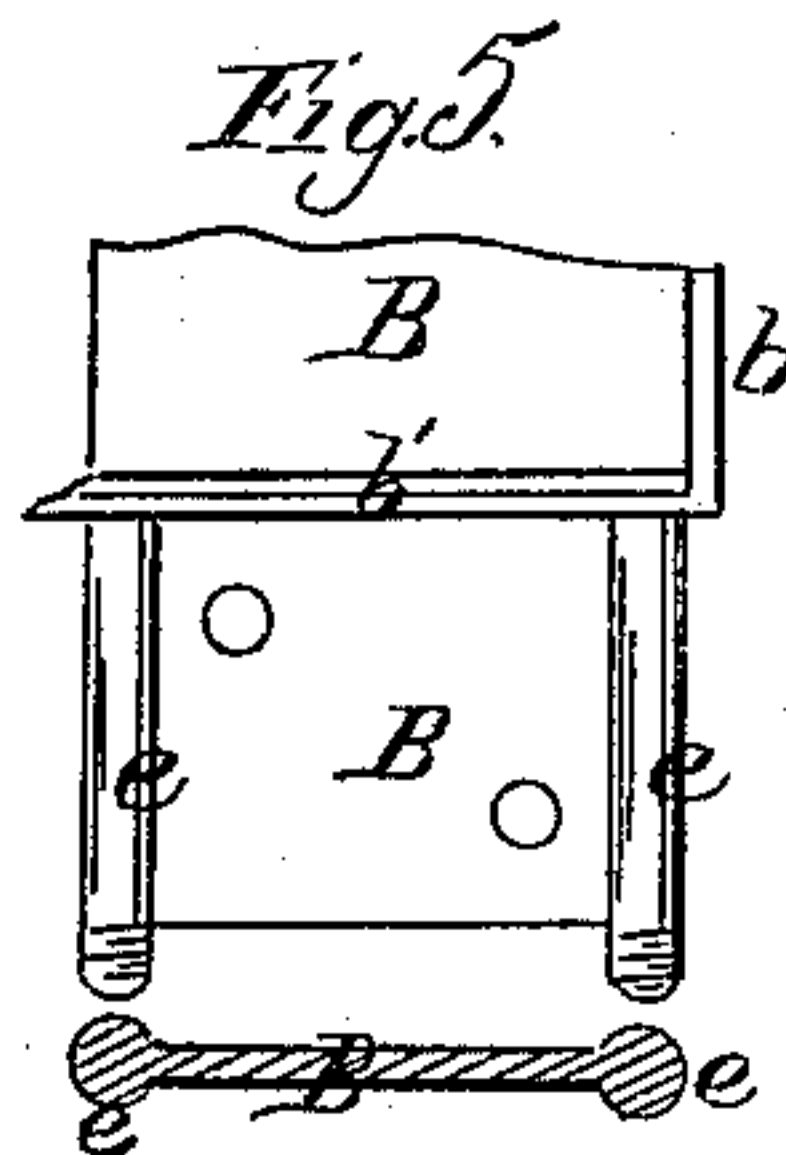


Fig. 5

WITNESSES:

A. L. Hayt-
H. Bruns.

INVENTOR:

Amos Fasset

by Columbian



AMOS FASSETT, OF STERLING, ILLINOIS.

Letters Patent No. 83,614, dated November 3, 1868; antedated October 17, 1868.

IMPROVEMENT IN WAGON-STAKE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, AMOS FASSETT, of Sterling, in the county of Whitesides, and State of Illinois, have invented a new and useful Improved Wagon-Stake; and I do hereby declare and make known that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

My said invention consists in a novel mode of constructing wagon-stakes, whereby I am enabled to make removable metallic stakes, light, strong, durable, and cheap, said stakes being formed of three thin plates or pieces of iron or other metal, all arranged and secured together, and to the wagon-bolster or its equivalent, substantially as hereinafter set forth.

To enable those skilled in the art to understand how to construct and use my said improved wagon-stake, I will now describe the same in detail, making reference, in so doing, to the aforesaid drawings, in which—

Figure 1 represents a side view of said invention;

Figure 2, an end view thereof;

Figure 3 is a cross-section taken at the vertical line *x* in fig. 1;

Figure 4 is a horizontal cross-section at the line *y* in fig. 1; and

Figure 5 is a detached view of that part of the central plate which passes through the bolster.

Similar letters of reference in the several figures denote the same parts of my invention.

A represents the bolster, upon the end of which the stake is secured, consisting of the central plate B and the side plates or braces C and D.

Upon one or both edges of the central plate, a flange, *b*, is cast or formed, thus giving the thin plate the requisite amount of strength laterally, its width from edge to edge affording the required strength in that direction. Upon the top this plate is formed hollow, as indicated in fig. 3, said portion so made being marked B', and is provided with slots *g*, wherein pins or keys may be inserted, to secure a wooden or other prolongation of the stake. A flange, *b'*, is formed

around said plate B, as shown, which flange rests upon the top of the bolster, that part below said flange passing through a suitable mortise or slot in the bolster, the two edges of the plate, or that part below the flange *b'*, being formed thicker than the body of the plate, and terminate in a screw projecting below the plate, as shown in fig. 5, and marked *e e* in the said drawings.

By this arrangement the nuts *n*, turned upon said screws *e e*, effectually secure the central stake or main plate to the bolster, the flange *b* holding the same rigidly in place.

Upon each side of the plate B are arranged the plates C D, being provided respectively with flanges *c d*, and lips *l l*, the former resting on the top of the bolster, and the latter pressing beneath it, as clearly seen in fig. 3, when the bolts *h* are passed through the whole device, and the nuts *m* firmly screwed thereupon, thus holding the entire stake securely and rigidly to the bolster. The upper ends of said side plates are then secured to the central plate by a bolt and nut, *s p*, and a rivet, *f*, and the device is completed, rings *r* being affixed at or near the top, if desired.

Thus, by the mode of construction, and the combination herein described, a light, cheap, strong, and durable stake is produced, which can readily be removed by taking out the bolts *h* and unscrewing the nuts *n*, if desired.

Having described the construction and operation of my said improvement, I will now specify what I claim, and desire to secure by Letters Patent.

1. I claim the plate B, when provided with the flange *b'*, and the enlargements *e e*, projecting below said plate, substantially in the manner and for the purposes herein set forth.

2. In combination with the above, I claim the side plates C D, arranged and operating in the manner specified.

AMOS FASSETT.

Witnesses:

JUNIUS ROGERS,
R. CHAMPION.