

(No Model.)

S. BIRDSALL.
HITCHING STRAP.

No. 300,561.

Patented June 17, 1884.

Fig: 1.

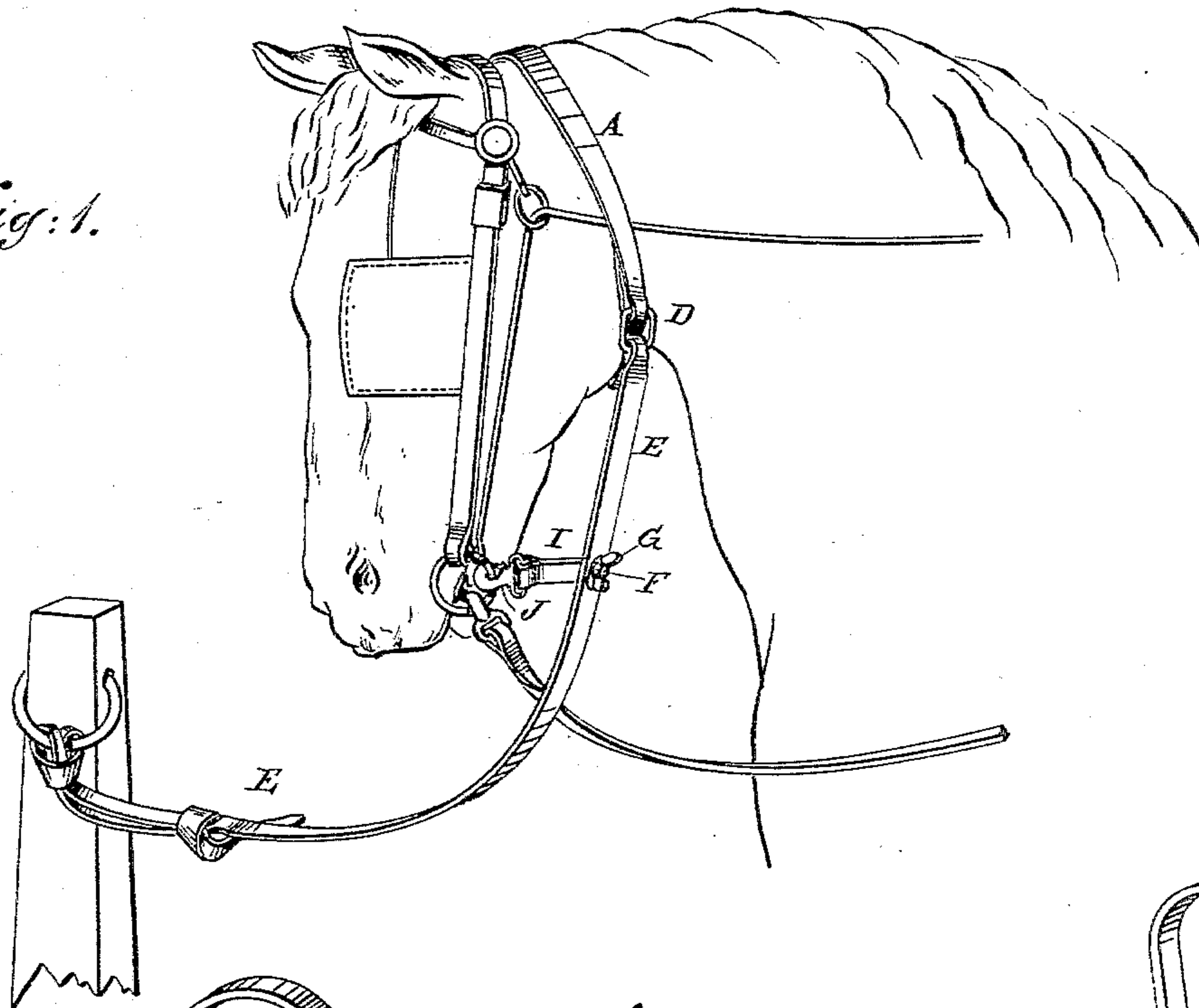


Fig: 2.

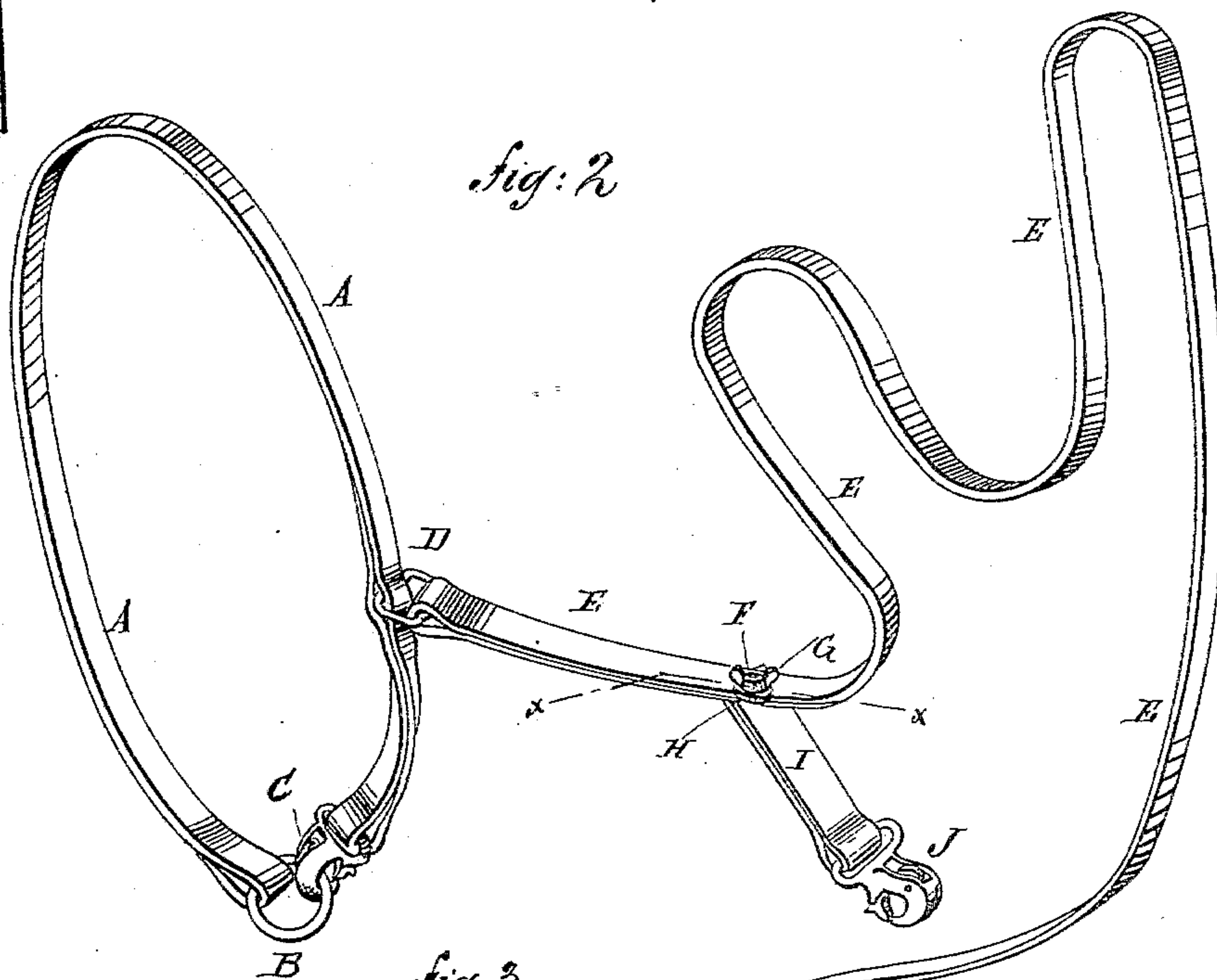
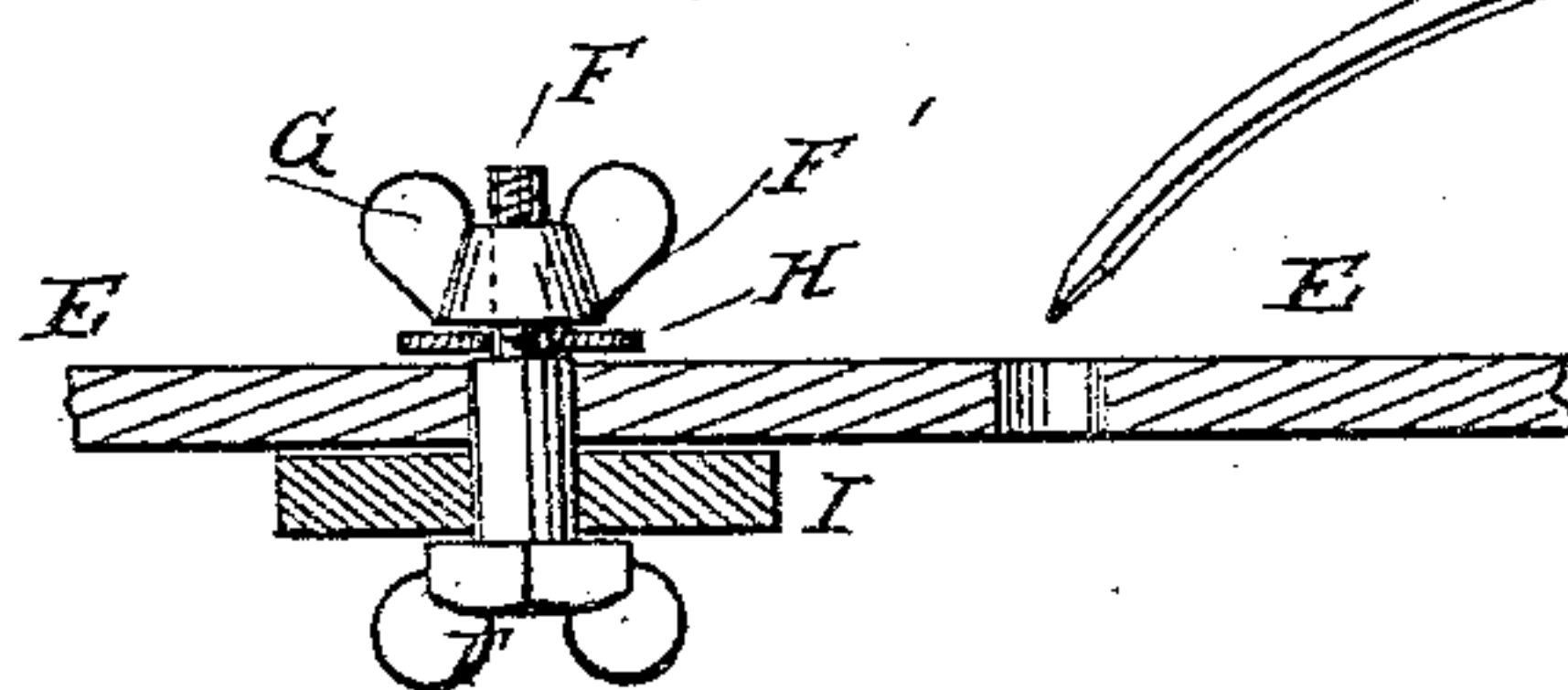


Fig: 3.



WITNESSES:

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SAMUEL BIRDSALL, OF SUSQUEHANNA, PENNSYLVANIA.

HITCHING-STRAP.

SPECIFICATION forming part of Letters Patent No. 300,561, dated June 17, 1884.

Application filed April 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL BIRDSALL, of Susquehanna, in the county of Susquehanna and State of Pennsylvania, have invented a new and useful Improvement in Hitching-Straps, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a 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 improvement, illustrating its use. Fig. 2 is a perspective view of the same detached. Fig. 3 is a sectional end view taken through the line *x x*, Fig. 2.

The object of this invention is to promote convenience and security in the use of hitching-straps for horses.

The invention consists in a hitching-strap constructed with a brace-strap connected with the tie-strap by a bolt, nut, and washer, or other suitable coupling, so that the said brace-strap will be firmly connected with the said tie-strap, and can be readily swung to either side, as will be hereinafter fully described.

A is the neck-strap, which is provided at one end with a ring, B, and at its other end with a snap-hook, C, so that it can be easily and quickly applied to and removed from a horse's neck.

To the neck-strap A, at a little distance from one end, is attached a ring, D, to which is secured one end of the strap E.

To the tie-strap E, at such a distance from its upper end as to be about upon a level with the bit of the headstall, is secured, by a bolt, F, nut G, and washer H, or other suitable coupling, the end of the brace-strap I, which can be made of leather or other suitable material. The bolt F is made with a wide head provided with wings or thumb-pieces for holding the said bolt while screwing the nut on and off, and passes through a hole in the strap E and a hole in the end of the brace-strap I.

Upon the bolt F, at a distance from its head about equal to the thickness of the two straps E I, is formed a shoulder, F', against which the washer H is held by the nut G, so that the nut G cannot be screwed up so tightly as to pinch the straps E I and prevent them from working freely upon each other and upon the bolt F.

To the free end of the strap I is attached a snap-hook, J, so that the said strap can be easily and quickly connected with the bit-ring and detached therefrom. With this construction the brace-strap I can be readily swung into proper position to be applied to the bit-ring from whichever side of the horse the hitching-strap may be applied.

In using the hitching-strap, the neck-strap A is passed around the horse's neck and the snap-hook C is sprung into the ring B. The brace-strap I is then swung into proper position, and the snap-hook J is sprung into the bit-ring of the headstall, and the free end of the tie-strap E is secured to the hitching-post.

To release the horse, the tie-strap E is detached from the hitching-post, and the snap-hooks J C are disengaged from their rings.

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

1. In a hitching-strap, the combination, with the tie-strap E and the brace-strap I, of a headed bolt and a nut for clamping the said brace-strap to the tie-strap, substantially as set forth.

2. In a hitching-strap, the combination, with the tie-strap E and the brace-strap I, of the bolt F, having shoulder F', and the nut and washer G H, substantially as herein shown and described, whereby the said brace-strap will be firmly connected with the tie-strap, and can be readily swung to either side, as set forth.

SAMUEL BIRDSALL.

Witnesses:

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E. G. TAYLOR.