

T. Deerp.

Stitching Horse.

N^o 83,477.

Patented Oct. 27. 1868.

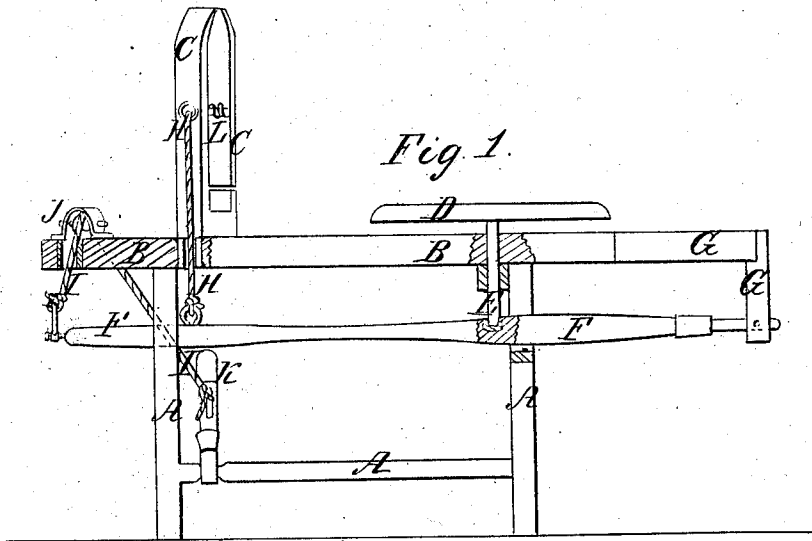
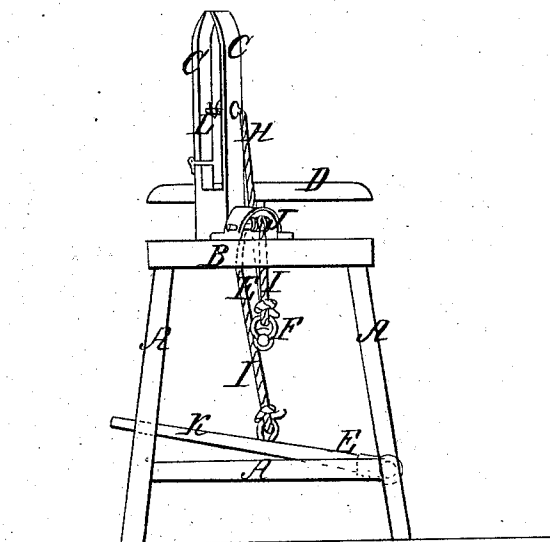


Fig 2.



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United States Patent Office.

THOMAS DEPP, OF SAN MARCOS, TEXAS.

Letters Patent No. 83,477, dated October 27, 1868.

IMPROVED STITCHING-HORSE.

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, THOMAS DEPP, of San Marcos, in the county of Hays, and State of Texas, have invented a new and useful Improvement in Stitching-Horse; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my improved stitching-horse, parts being broken away to show the construction.

Figure 2 is a front view of the same.

Similar letters of reference indicate like parts.

My invention has for its object to improve the construction of the stitching-horses used by harness-makers, saddlers, &c., so as to make them more convenient and satisfactory in use; and it consists in the construction and combination of various parts of the horse, as hereinafter more fully described.

A is the frame, B is the bench, and C are the clamps of the horse, about the construction of which parts there is nothing new.

D is the seat, which I prefer to make circular in form, and which is securely attached to the upper end of the spindle E.

The spindle E passes down through a hole in the rear part of the bench B, and its lower end enters and works in a socket prepared for its reception in the lever F.

The rear end of the lever F is pivoted to a support, G, attached to the rear end of the bench B, and it extends forward under the middle part of said bench to its forward end.

H is a cord or strap, the lower end of which is attached to the forward part of the lever F. The strap or cord H passes up through a hole in the bench B, through a hole in the stationary jaw of the clamps C, and its upper end is attached to the hinged or movable jaw of said clamps.

By this construction, when the workman sits down upon the seat D, his weight depresses the free end of the lever F, and draws the clamps together.

I is a strap or cord, one end of which is attached to the forward end of the lever F.

The cord I passes up through a hole in the bench B, over a friction-pulley, J, pivoted to a support attached to the bench, down through a hole in said bench, and its other end is attached to the foot-lever K.

One end of the lever K is pivoted to the frame A of the horse, and its other or free end extends out at the side of the horse, into such a position that it may be conveniently reached and operated by the workman with his foot.

By this construction, by pressing slightly upon the free end of the lever K, the forward end of the lever F will be raised, allowing the jaws of the clamp to open, so that the workman can conveniently insert, adjust, or remove his work.

The jaws of the clamp C are opened, when the forward end of the lever F is raised, by a coiled or equivalent spring, L, placed between the said jaws.

When a coiled spring is used, the cord H may be passed through it, as shown in figs. 1 and 2.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

1. The combination of the seat D, lever F, and strap or cord H, with each other and with the bench B and clamps C, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the foot-lever K and strap or cord I with the lever F and bench B, substantially as herein shown and described, and for the purpose set forth.

3. An arrangement of mechanism by means of which the jaws of the clamps of a stitching-horse may be closed to hold the work by the weight of the workman when sitting upon his seat, substantially as herein shown and described.

THOMAS DEPP.

Witnesses:

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