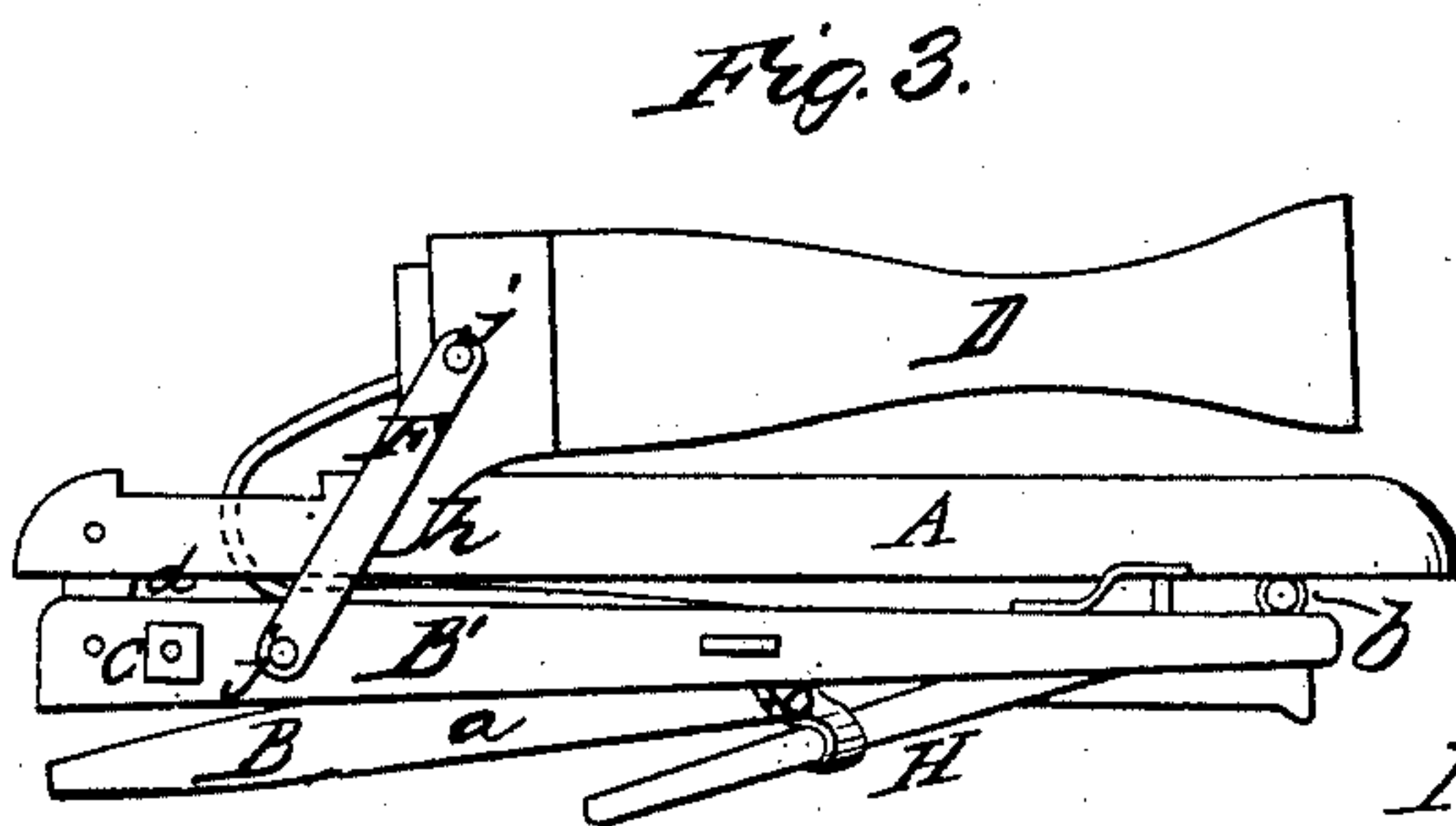
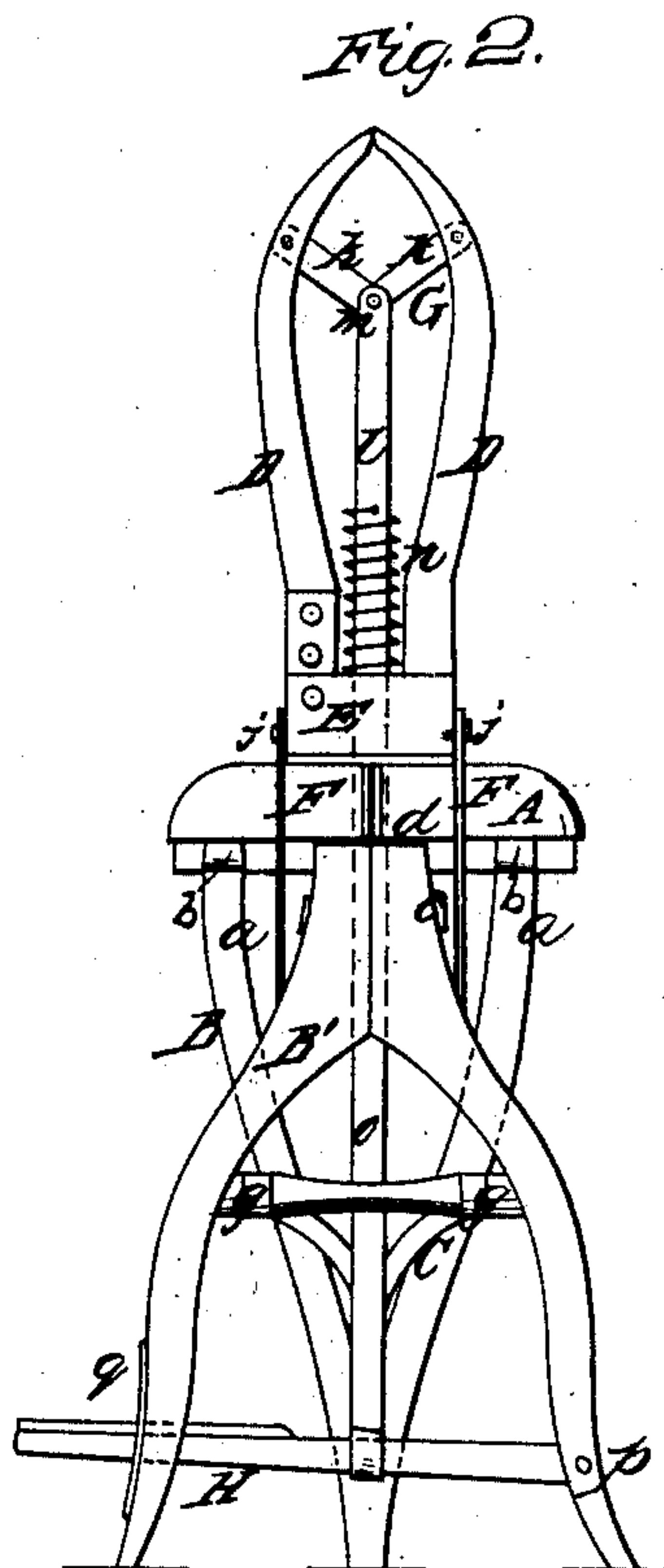
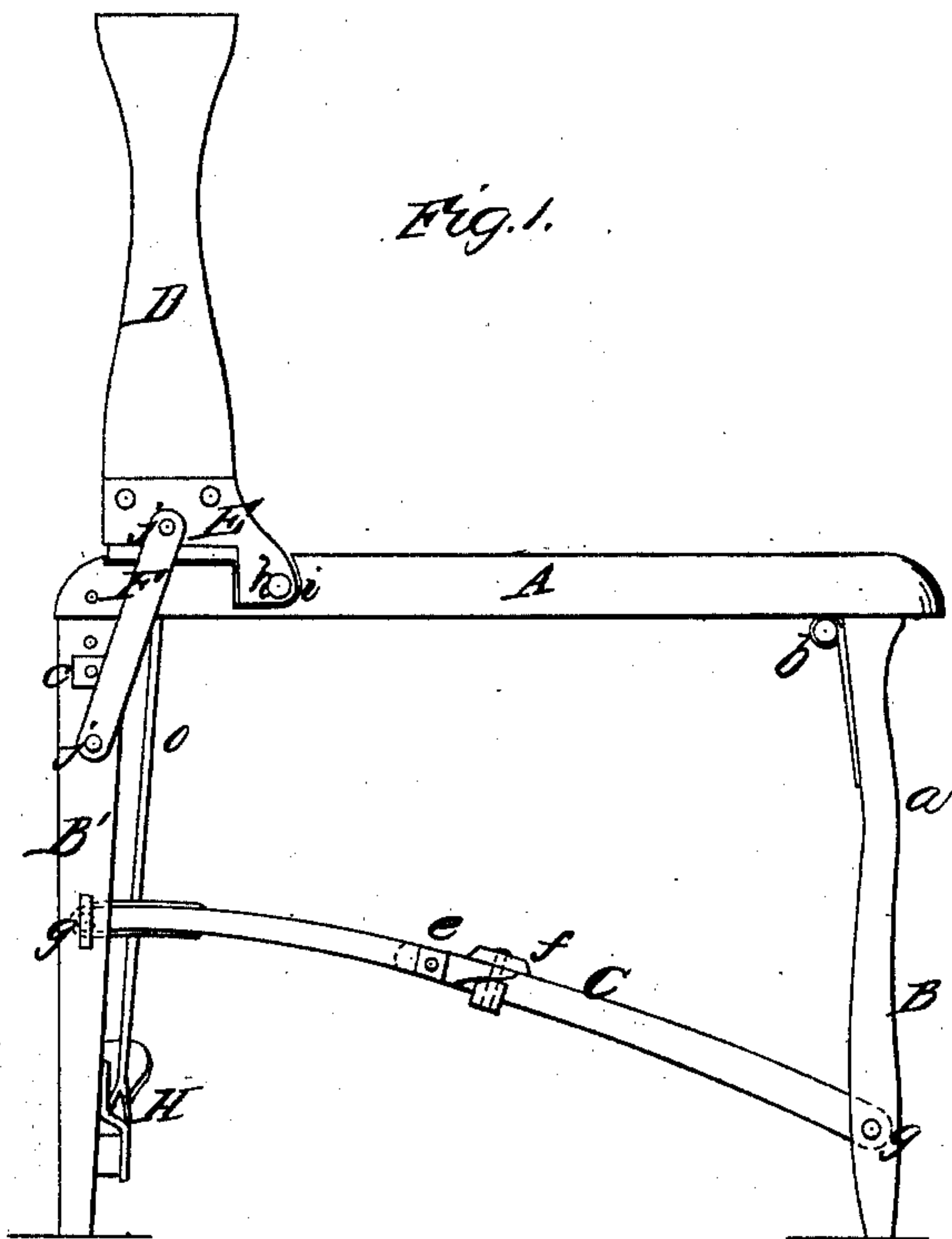


*G. F. Brockway,*

*Harness Tool.*

*N<sup>o</sup> 45,386.*

*Patented Dec. 13, 1864.*



*Witnesses:*  
*C. L. Topliff*  
*Henry Morris*

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*G. F. Brockway*  
*per W. W. L. Esq.*  
*attys*

# UNITED STATES PATENT OFFICE.

GEORGE F. BROCKWAY, OF WASHINGTON, DISTRICT OF COLUMBIA.

## STITCHING-HORSE.

Specification forming part of Letters Patent No. 45,386, dated December 13, 1864.

*To all whom it may concern:*

Be it known that I, GEORGE F. BROCKWAY, of Washington, in the District of Columbia, have invented a new and Improved 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, making a part of this specification, in which—

Figure 1 represents a side elevation of my invention shown adjusted for use; Fig. 2, a front elevation of the same; Fig. 3, a side view of the same in a folded state.

Similar letters of reference indicate like parts.

This invention relates to a new and useful improvement in stitching-horses, such as are used by saddlers and other workmen in leather for the purpose of holding and clamping the same while being stitched.

The object of the invention is to obtain a device for the purpose specified which will admit when not in use of being compactly folded, so that it may be stowed away in a small space, and also admit of having its parts when required for use readily distended and secured in working position.

My improved stitching-horse, so far as form and proportion are concerned, may be much the same as those now in use.

A represents the seat provided with legs B B' at its front and rear. The back leg, B, may be composed of a single piece forked the greater part of its length, the prongs *a a* spreading from its lower to its upper end, and the upper ends of the prongs attached by hinges or joints *b* to the under side of the seat, said joints admitting of the leg B bending forward and upward underneath the seat A; or said leg may be composed of two separate pieces connected at their lower ends. There are two front legs, B, connected together at their upper ends by a bolt, *c*. The upper end of the front legs, B', are connected to the seat by a joint, *d*, of link form, and the front and back legs are connected by a reach, C, provided with a joint, *e*, near its center, to admit of the reach folding or bending upward, the reach being provided with a button, *f*, to keep the reach rigid when required. The ends of the reach are connected to the legs by joints *g*.

D D are the two clamps, constructed in the

usual form, and secured at their lower ends to a band or socket, E, the back part of which is provided with ears *h h*, the latter being secured by pivots or bolts *i* to the seat A, one at each side. The band or socket E is connected by metal straps F F to the front legs, B B, a strap being at each side of the seat, and connected by pivots *j* to the socket and legs.

G is a toggle, the two arms *k k* of which are secured one to the inner side of each clamp. These arms *k k*, at their inner ends, are connected together, and also to a rod or bar, *l*, by a pivot, *m*, the rod or bar *l* having a spiral spring, *n*, around it, which has a tendency to keep the upper ends of the clamps forced apart.

H is a treadle, which is connected to the lower end of the rod or bar *l* by means of a strap, *o*, passing through an opening in the front part of the seat, said treadle being connected to the lower part of one of the front legs, B', by means of a pivot, *p*, the other leg, B', having a rack, *q*, attached to it to hold the free or disengaged end of the treadle.

By pressing down the free or disengaged end of the treadle the upper ends of the clamps D D will be forced together and made to grasp the leather, the rack *q* holding the treadle, and consequently the clamps.

When the device is not required for use, the button *f* is turned to admit of the reach C and legs B B' being folded underneath the seat, the front legs, B', as they are turned upward, causing, through the medium of the straps F F, the clamps D D to be folded back and down upon the seat, as shown in Fig. 3. Thus by this simple arrangement the device, when not in use, may be compactly folded and stowed away in a small space, and when required for use readily distended, and the several parts secured in a working position.

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

1. A stitching-horse provided with folding legs, a reach, and clamps, all arranged substantially as herein shown and described.

2. The toggle, spring-strap, and treadle, arranged and applied substantially as herein set forth.

GEORGE F. BROCKWAY.

Witnesses:

OCTAVIUS KNIGHT,

EDWARD H. KNIGHT.