

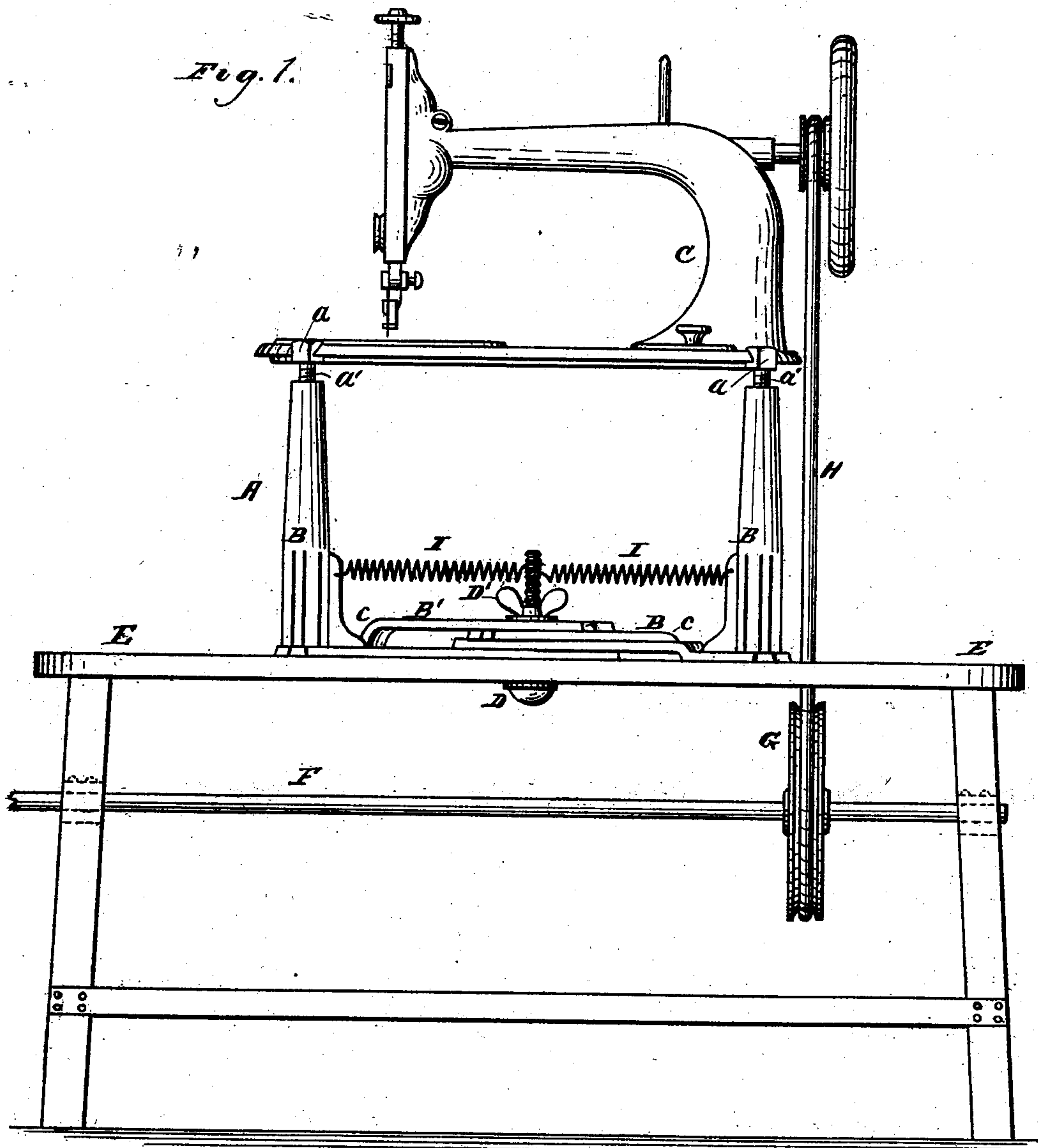
(No Model.)

2 Sheets—Sheet 1.

H. P. STIMSON.
SEWING MACHINE JACK.

No. 272,390.

Patented Feb. 13, 1883.



Witnesses.
Henry Franzen,
J. B. Halpern

Inventor.
Harlan P. Stimson
per. F. F. Warner
his Attorney

(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

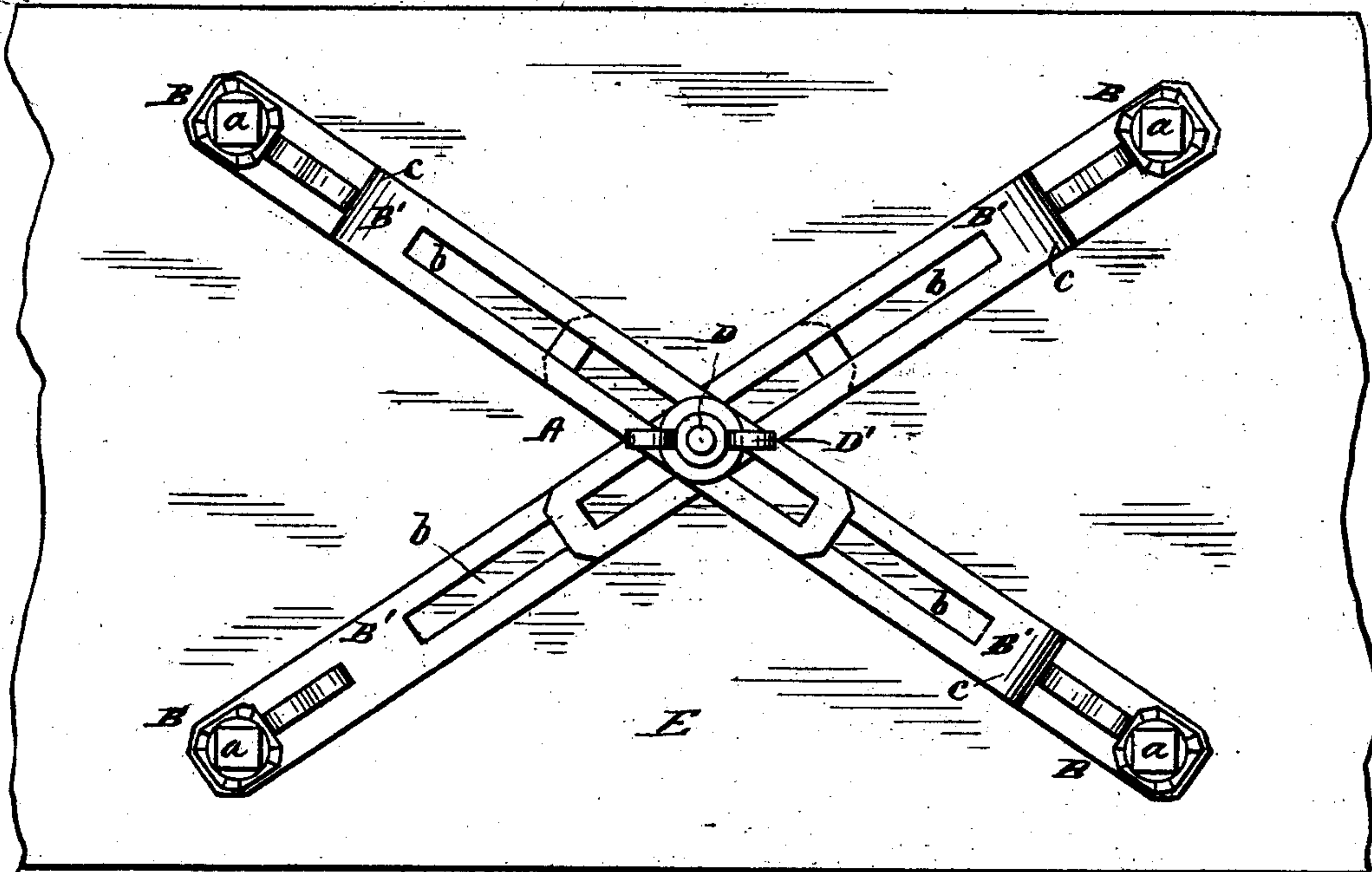


Fig. 3.

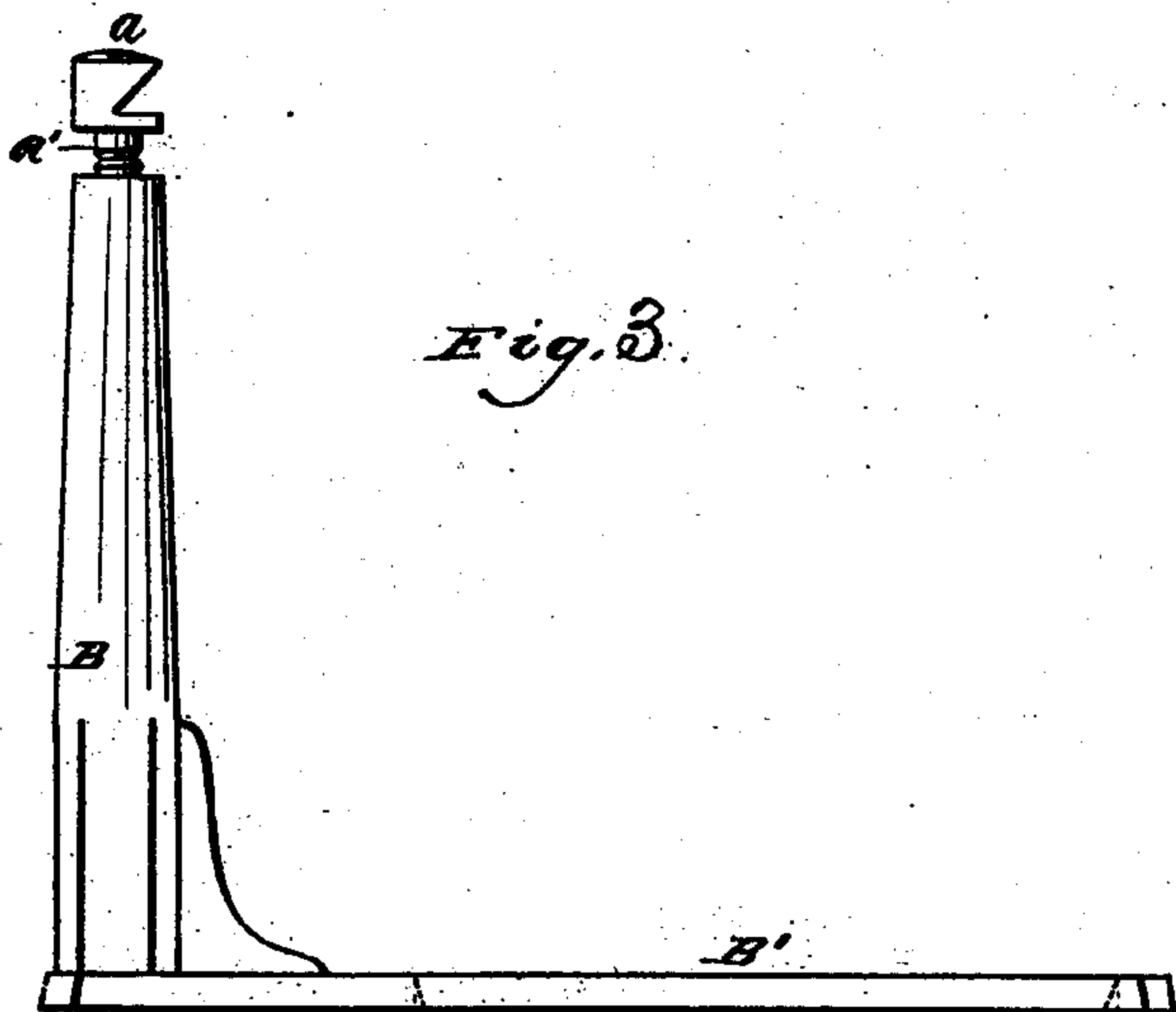
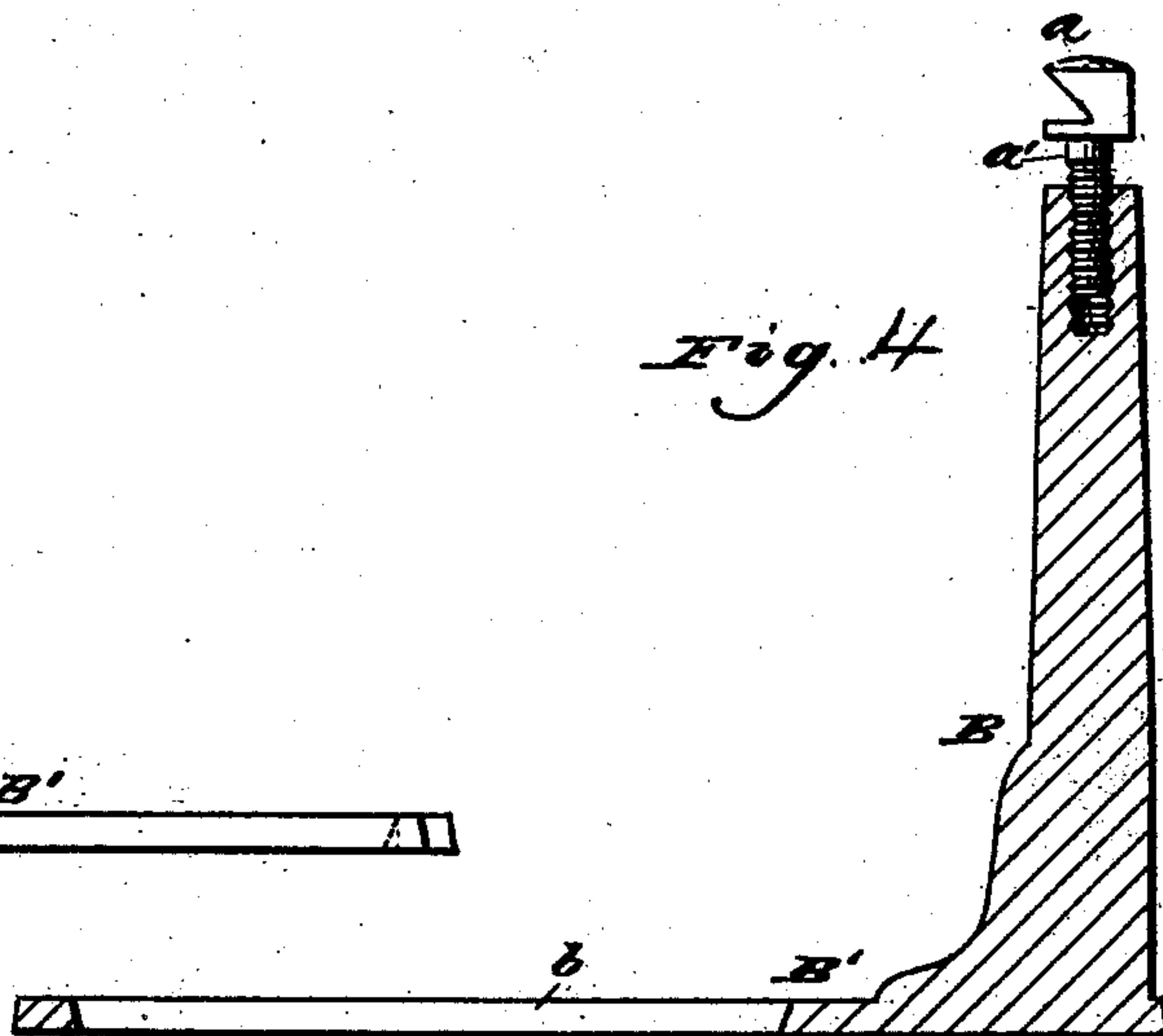


Fig. 4.



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UNITED STATES PATENT OFFICE.

HARLAN P. STIMSON, OF CHICAGO, ILLINOIS, ASSIGNOR TO HERMAN B. GOODRICH, OF SAME PLACE.

SEWING-MACHINE JACK.

SPECIFICATION forming part of Letters Patent No. 272,390, dated February 13, 1883.

Application filed April 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, HARLAN P. STIMSON, of Chicago, in the county of Cook and State of Illinois, have invented a new, useful, and Improved Sewing-Machine Jack, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1, Sheet 1, is a front view or elevation of a sewing-machine jack embodying my invention, showing the same as when applied to the use for which it is intended. Fig. 2 is a top or plan view of the jack. Fig. 3 is a side view or elevation of one of the legs or standards of the jack detached; and Fig. 4 is a like representation, shown partly in section.

Like letters of reference indicate like parts.

My object is to provide suitable support for sewing-machines while they are being "timed," tested, or experimentally run or worked; and to that end my invention consists in the means, substantially as hereinafter set forth, which I employ for that purpose.

A represents my sewing-machine jack, which may be described, in general terms, as consisting of adjustable supports adapted at their upper ends to engage or clamp the edge of the bottom or base plate of a sewing-machine.

B B are the adjustable supports above referred to, and *a a* are the jaws or clamps at the upper ends thereof, and adapted to engage the edge of the bottom or base plate of a sewing-machine, as indicated in Fig. 1, in which C represents a sewing-machine supported and held by the jack.

As it is sometimes desirable to have the machine held in a tilted or inclined position, I deem it best to make the jaws *a a* vertically and independently adjustable, and this I accomplish preferably by providing the jaws *a a* with a depending screw-stem, *a'*, and by adapting the upper ends of the supports B B to receive the said stems, as is clearly indicated in Figs. 4 and 5. By this means the jaws *a a* may also be set to correspond to a curvature in the edge of the base-plate, as represented in Fig. 1.

To render the supports B B adjustable in

all directions horizontally, so as to adapt the jack to machines differing in size, I provide the said supports with elongated feet B' B', in which I make longitudinal slots *b b*, through which I pass a screw-bolt, D, on which I run a clamp-nut, D', each upper foot being upset, as shown at *c c*, to overlap each lower foot, respectively, as clearly indicated in Fig. 1. In practice the bolt D is made sufficiently long to be passed through a hole made in a bench or table for supporting the jack, and through the slots *b b*, as shown in Fig. 1, so that the jack may be held firmly in place after the machine has been applied.

E represents an ordinary shop-bench; F, a driving-shaft; G, a belt-wheel or pulley, and H a drive-belt passing over the wheel G and over the drive-pulley of the machine. Any sewing-machine table may be employed instead of the bench or table E for the purpose of supporting the jack, in which case the machine may be driven in the usual manner, a drive-belt of suitable length being employed.

I I are springs connected to the supports B B, and hooked upon the bolt D for the purpose of drawing the said supports in automatically toward the position they are to occupy while supporting the machine; but these springs, though preferable, are not absolutely essential.

It will be perceived, on reference to the drawings and from the foregoing description, that the jack is an independent device or structure adapted to support any sewing-machine or similar structure for the purposes set forth, and to be applied to any suitable support removably and with facility. It is simple in its construction and operation and meets a need long felt.

It is also obvious that some of the details of construction which I have described as being advantageous for the purpose of rendering the jack adjustable may be modified without departing from the scope of my invention.

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

1. A sewing-machine jack having legs or supports provided at their upper ends with

vertically-adjustable clamps or jaws, substantially as and for the purposes specified.

2. A sewing-machine jack having legs or supports provided with the clamps or jaws *a* 5 *a*, connected adjustably to the said legs or supports by means of the screw-stems *a'* *a'*, depending from the said jaws and entering the said legs, substantially as and for the purposes specified.

to 3. The combination of the legs *B B*, having slotted feet *B'* *B'*, the jaws *a a*, adjustably

connected to the said legs, the screw-bolt *D*, and the clamp-nut *D'*, substantially as and for the purposes specified.

4. The combination, with the adjustable 15 legs or supports of a sewing-machine jack, of the contractible springs *I I*, substantially as and for the purposes specified.

HARLAN P. STIMSON.

Witnesses:

EDWARD F. SPALSBURY,
JAMES STEPHENSON.