

(No Model.)

T. M. GUEST.
WIRE STRETCHER.

No. 604,148.

Patented May 17, 1898.

Fig. 4.

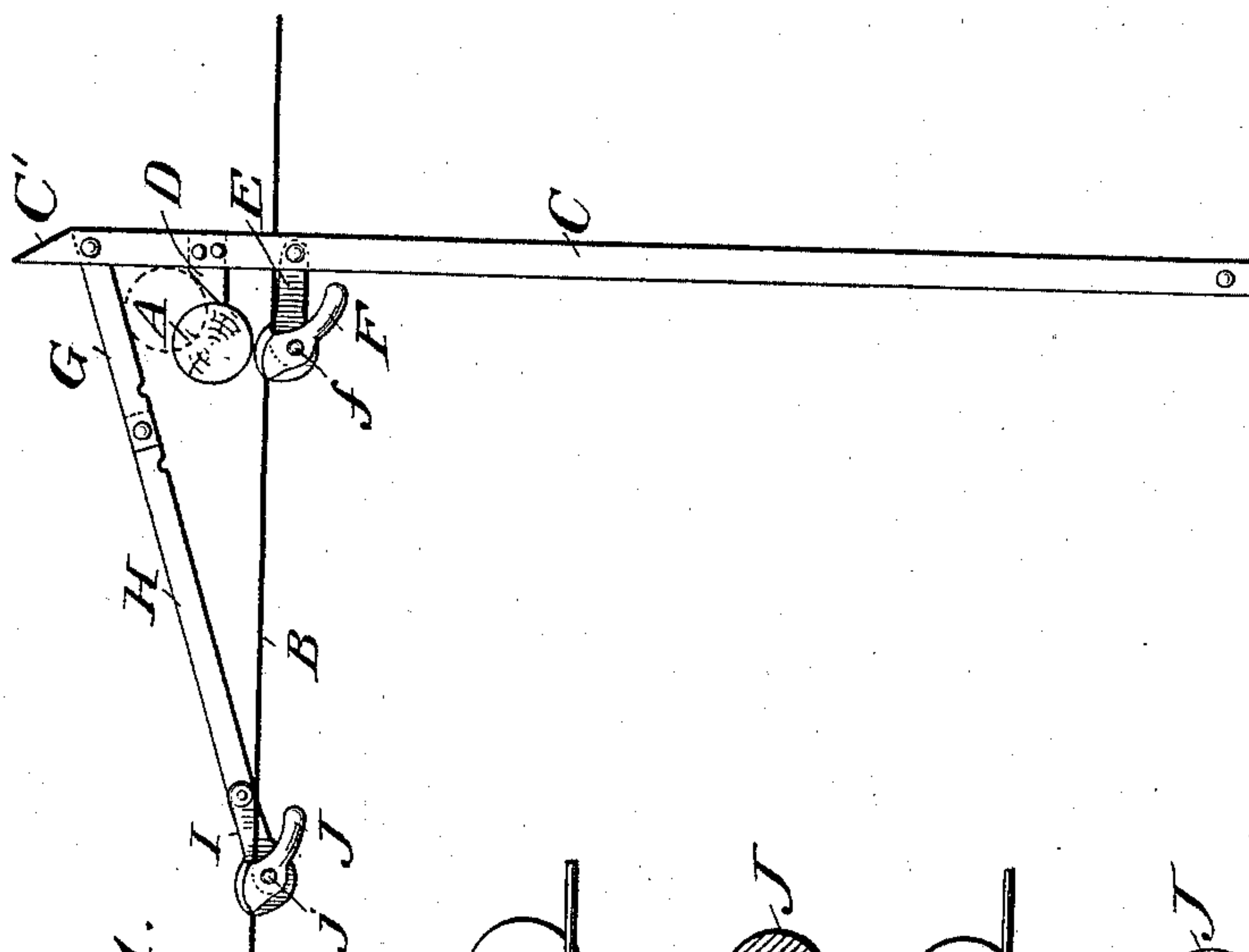
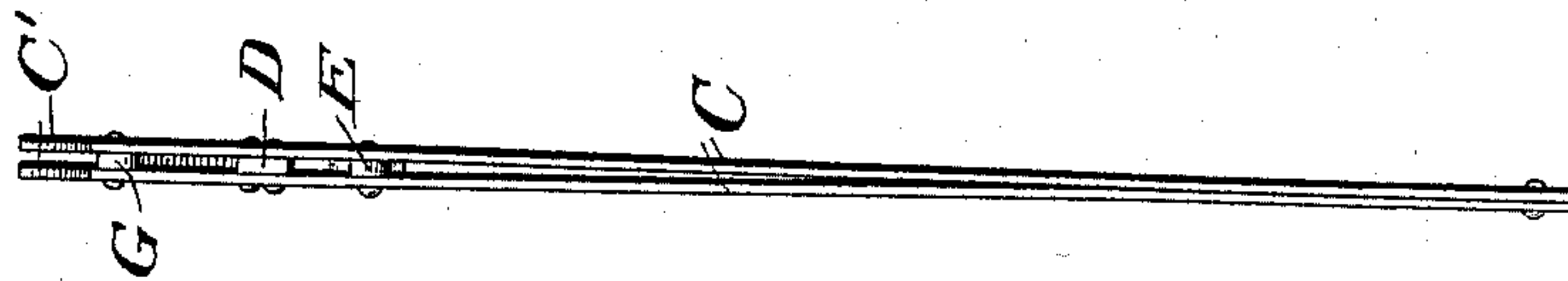


Fig. 1.

Fig. 2.

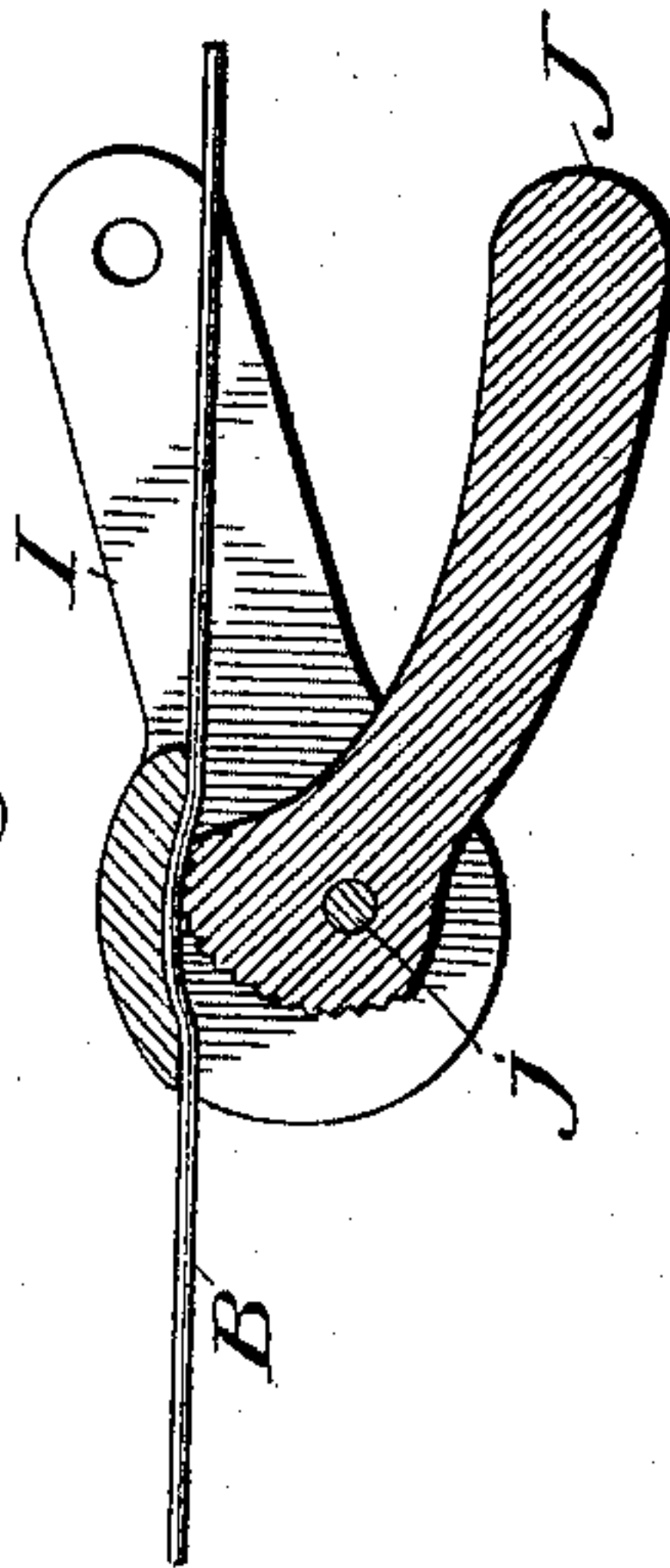
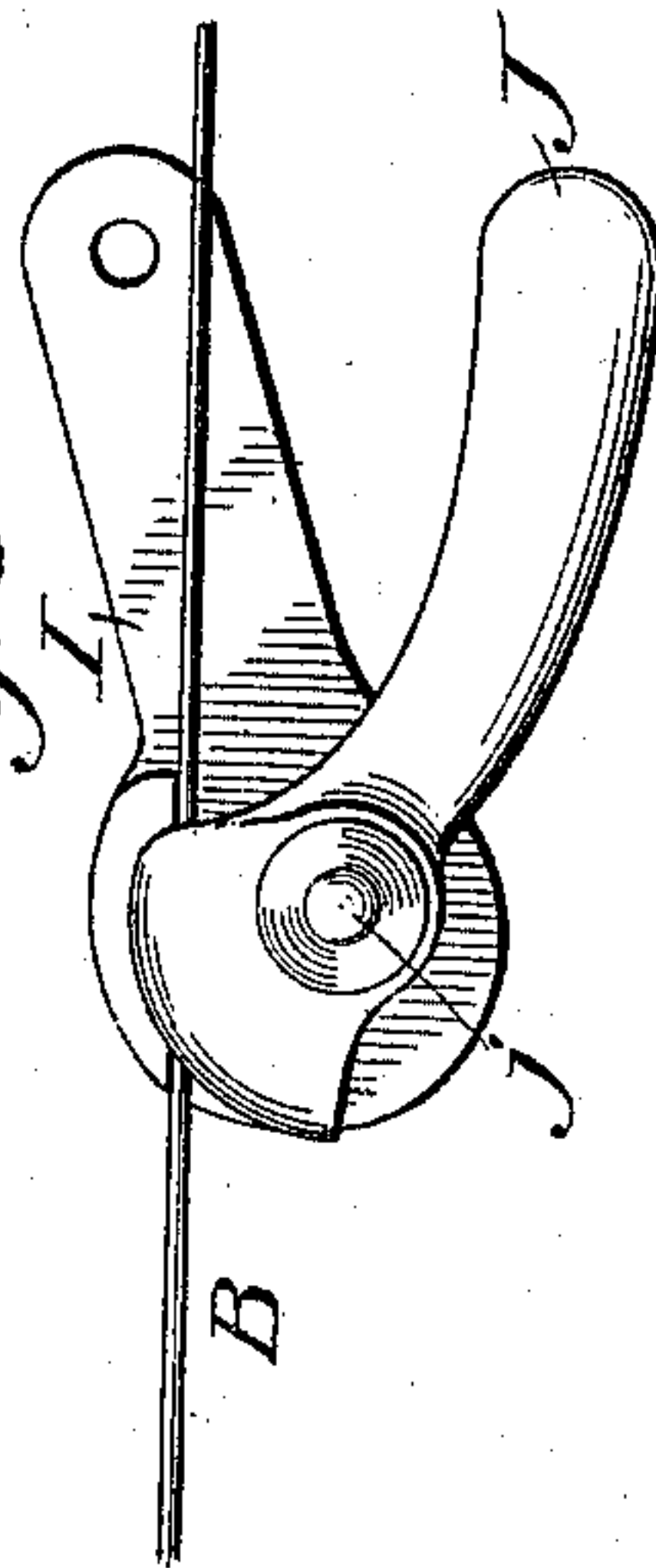


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

THEODORE M. GUEST, OF MORAVIA, NEW YORK.

WIRE-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 604,148, dated May 17, 1898.

Application filed January 6, 1896. Serial No. 574,453. (No model.)

To all whom it may concern:

Be it known that I, THEODORE M. GUEST, a citizen of the United States, residing at Moravia, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Wire-Stretchers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in wire-stretchers; and it has for its object, among others, to provide a simple and cheap device by which a fence-wire may be readily stretched or broken wires spliced, the device being so constructed as to be easily and quickly worked and by which the slack may be taken up as often as may be required. The stretcher is also equipped with a staple-puller, by means of which the staples on the old wires may be readily removed.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a top plan showing my stretcher in position for use. Fig. 2 is a horizontal section, on an enlarged scale, of one clamp. Fig. 3 is a similar view of the other clamp. Fig. 4 is a rear view of the lever.

Like letters of reference indicate like parts in all the views.

A designates the posts, and B the wire, of the fences. C designates the operating-lever, constructed, preferably, of two parallel parts, between which is held the pointed stud or projection D, adapted to be engaged in the post, as shown, the outer end of the said lever being beveled, as seen at C', to constitute a staple-puller, by which the old staples may be readily withdrawn.

E is a lug or arm extending from and pivotally secured to the operating-lever and having pivotally mounted thereon at f a clamp F, the eccentric inner edge of which is preferably roughened or serrated, as shown, so

as to provide a greater hold on the wire. Near the outer end of the lever and pivotally secured thereto is the flexible or jointed link G H, which is connected with the arm, plate, or link I, on which is mounted, as at j, the clamp J, and is much longer than lug or arm E.

The operation will be readily understood. Place the lever along the back of the post, with the prod D engaging therein and the clamp F engaged with the wire. The lever C is then moved to the right and the slack taken up. Then fasten the wire in such position by the clamp J and secure it to the post by staple or otherwise. The levers may be moved in opposite directions and more slack taken up, if desired, instead of securing the wire when the first portion of the slack has been taken up, the wire being simply held by the clamp F until the lever is again operated.

To repair broken wires, place the end clip on the wire and then engage the other end of the broken wire in the other clip. Then bring the operating-lever forward, and the joint closes up and the two ends are brought together.

Modifications in detail may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

Having thus described the invention, what is claimed as new is—

As an improved article of manufacture, a wire-stretcher, composed of a lever having a projecting fulcrum or stud thereon near one end, a wire-clamp arm pivotally attached to said lever at one side of said stud, a second wire-clamp arm pivotally attached to said lever by a link at the other side of said stud, said clamp-arms and stud projecting from the same side of the lever, the link by which said second clamp-arm is attached to the lever being longer than the first clamp-arm, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

THEODORE M. GUEST.

Witnesses:

J. A. THOMAS,

W. E. GREENFIELD.