

(No Model.)

E. J. TOOF.

ATTACHMENT HOLDER FOR SEWING MACHINES.

No. 444,542.

Patented Jan. 13 1891.

Fig. 1.

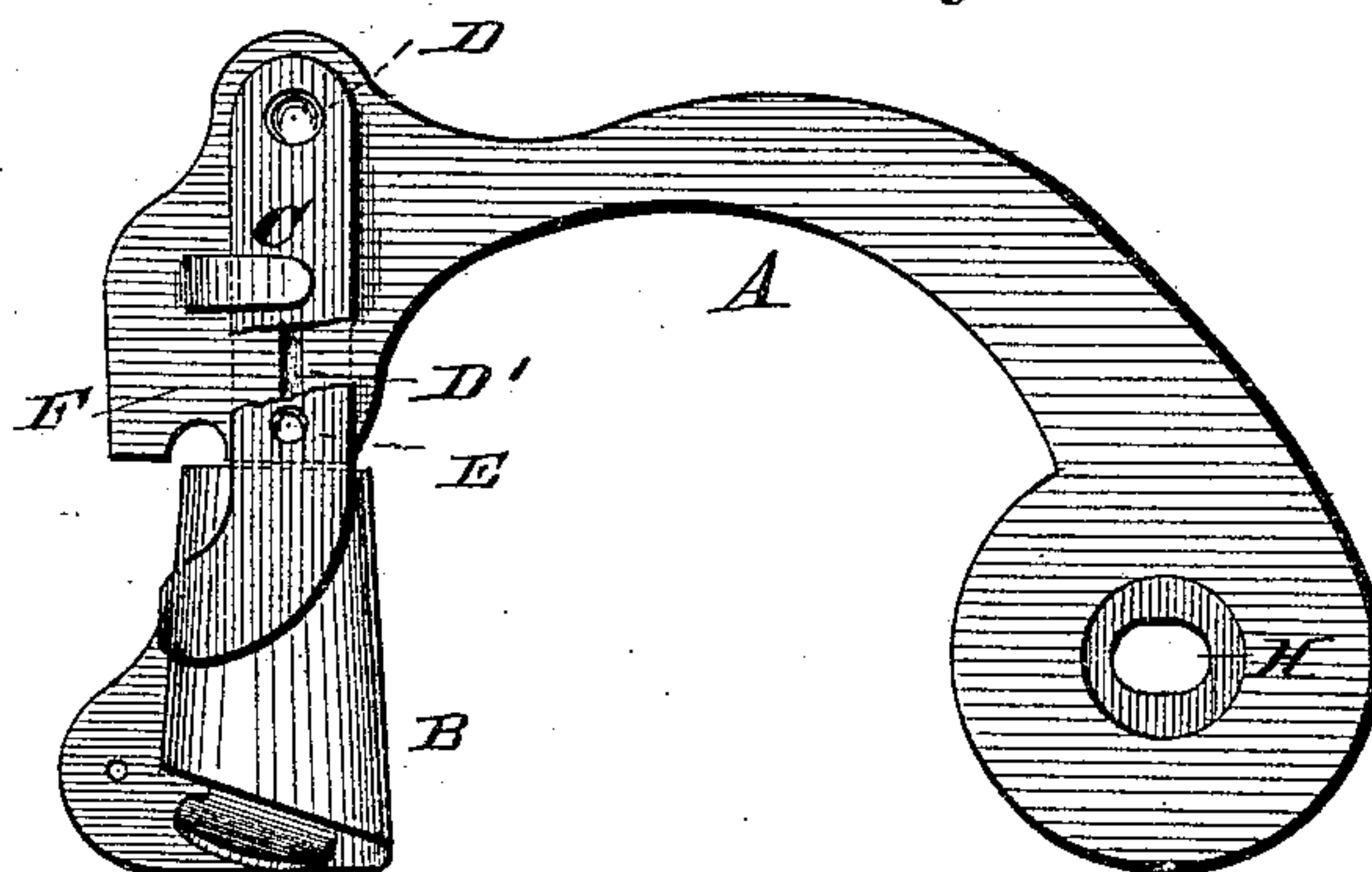


Fig. 2.

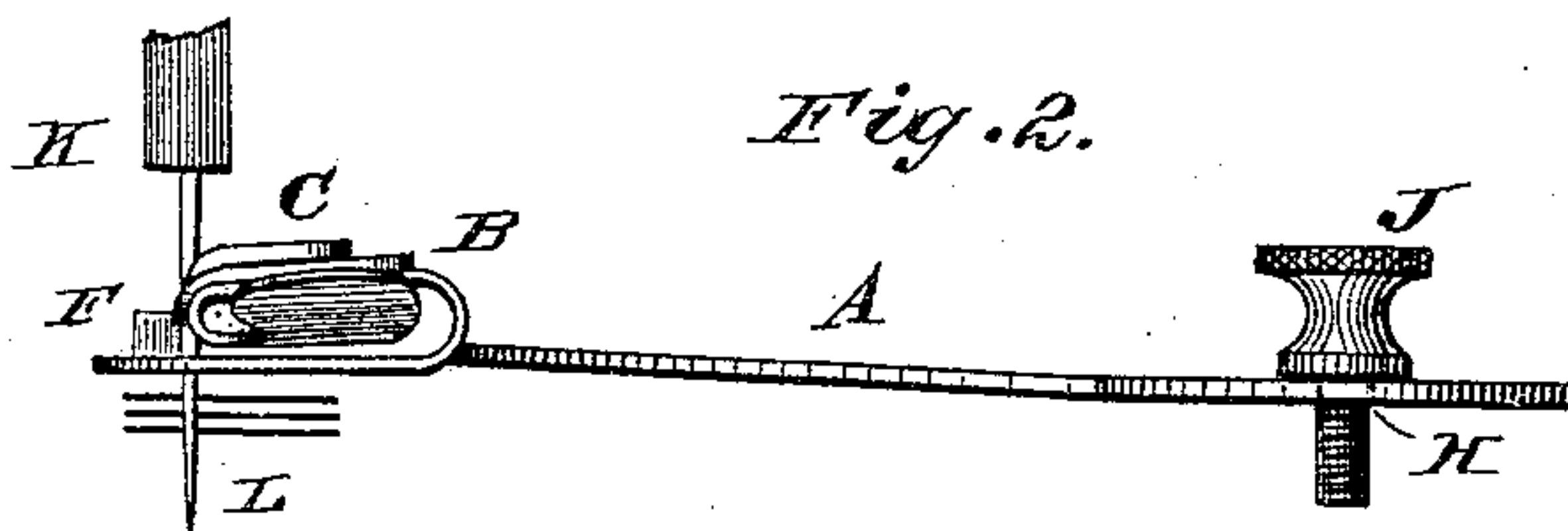
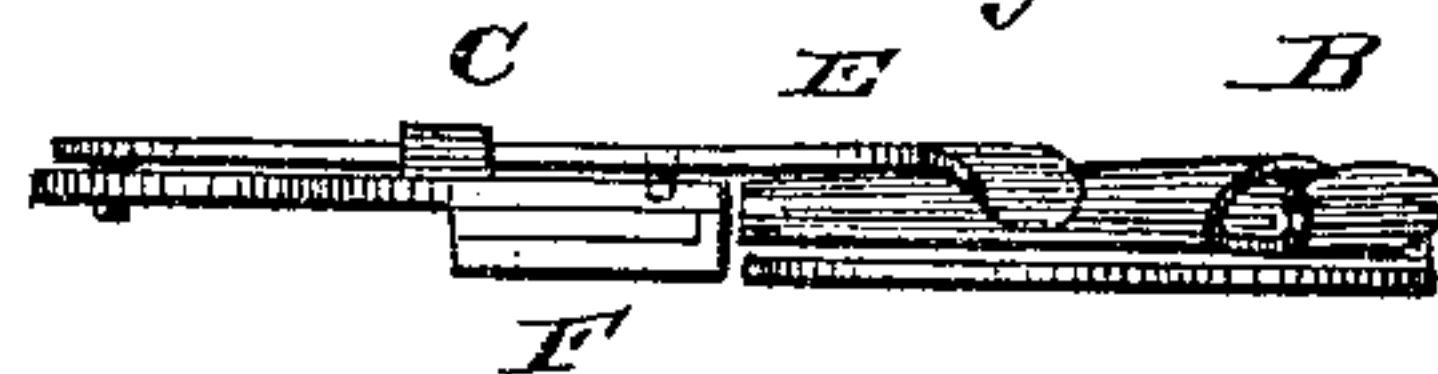


Fig. 3.



WITNESSES

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ATTACHMENT-HOLDER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 444,542, dated January 13, 1891.

Application filed February 2, 1882. Serial No. 51,729. (No model.)

To all whom it may concern:

Be it known that I, EDWIN J. TOOF, a citizen of the United States of America, and a resident of New Haven, in the State of Connecticut, have invented a new and useful Improvement in Attachment-Holders for Sewing-Machines, of which the following, taken in connection with the drawings, is a specification.

My invention relates to attachment-holders for sewing-machines; and it consists of a flexible plate or shank serving as a holder, constructed at one end for detachable connection with a sewing-machine attachment and adapted to serve as an auxiliary presser and hold a guide or other attachment suspended above the cloth-plate when not pressed upon by the presser-foot of the sewing-machine, so as to permit the operator to place the material into position without the necessity of raising it by the fingers for that purpose, and after being so placed in position the presser-foot will press down upon and hold the guide in its proper place upon the cloth-plate or feed, or both, for operation.

Referring to the drawings, Figure 1 represents a top view of my improved attachment-holder. Fig. 2 represents an edge view of same; Fig. 3, end view showing the mode of attaching the guide thereto.

A represents the plate or holder, formed of sheet or springy metal, and is represented as provided with a hole H, through which the fastening-screw J passes for securing the same upon the cloth-plate of the sewing-machine. Said plate A is also provided with two depressions D and D' at or near its free end, and with a "retaining-arm" C, so called, consisting of a flange or ear located thereon, projecting over the intervening space between said depressions D and D', adapted to overlap the shank of the guide B, to hold the projections with which said shank is provided into engagement with the said depressions D and D' in the plate A, to detachably hold said guide in a fixed position relatively to said holder A. To attach the guide to the holder A the projection on the end of the shank of the guide is first inserted into its counterpart

depression and the guide is then moved around to bring said shank beneath said retaining-arm C (the latter bearing with an elastic pressure upon the same) until its outer projection slips into its counterpart depression, into which they are held by said retaining-arm, as will be readily understood. The plate A is also provided with a projection, (shown at F in the drawings,) upon which the presser-foot may rest while in operation to prevent undue yielding of the attachment.

The end of my improved plate-holder is so formed or bent that when fastened upon the cloth-plate that part which supports the guide (when not pressed upon) stands or hangs above the feed, but is brought to bear upon the feed when pressed upon by the presser-foot in operating; but the plate should be provided with sufficient elasticity between the point of connection with the cloth-plate and guide to permit of its yielding with or under the presser-foot, and raising above or releasing the pressure of the attachment or guide from the feed or cloth-plate upon the raising or elevation of the presser-bar to prevent undue pressure and to more readily allow the operator to place the material to be operated upon beneath it, thereby avoiding the necessity of using the fingers to elevate it for that purpose.

Having thus set forth my invention, what I claim as new, and desire to secure by Letters Patent of the United States of America, is—

An attachment-holder for sewing-machines, consisting of a flexible plate provided with sockets or depressions at one end therein, in combination with an attachment provided with a shank having projections thereon for engagement with said sockets or depressions, and a retaining arm or flange located on said flexible plate adapted to hold said projections in engagement with said sockets or depressions, substantially as described, and for the purpose set forth.

EDWIN J. TOOF.

Witnesses:

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