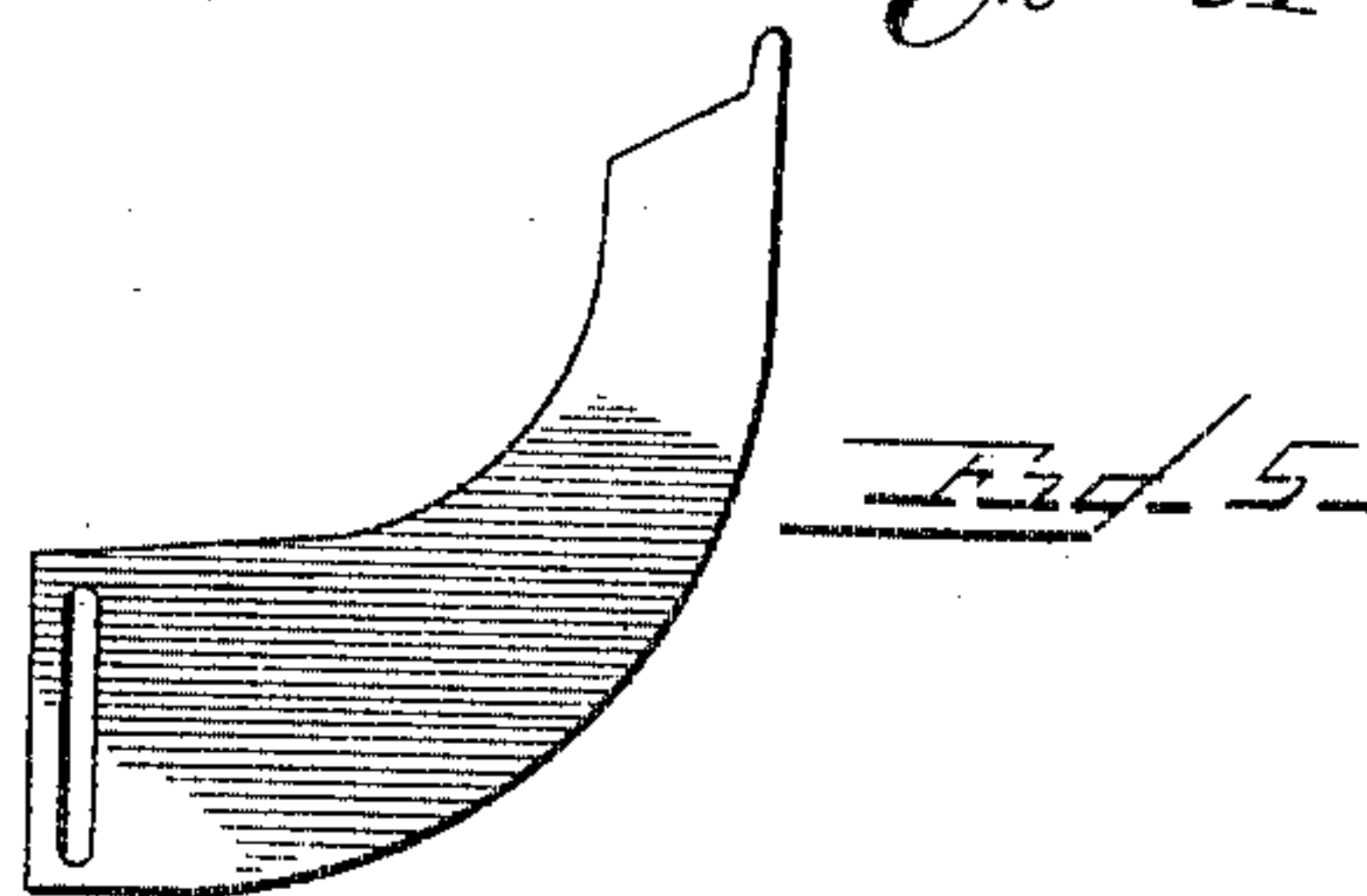
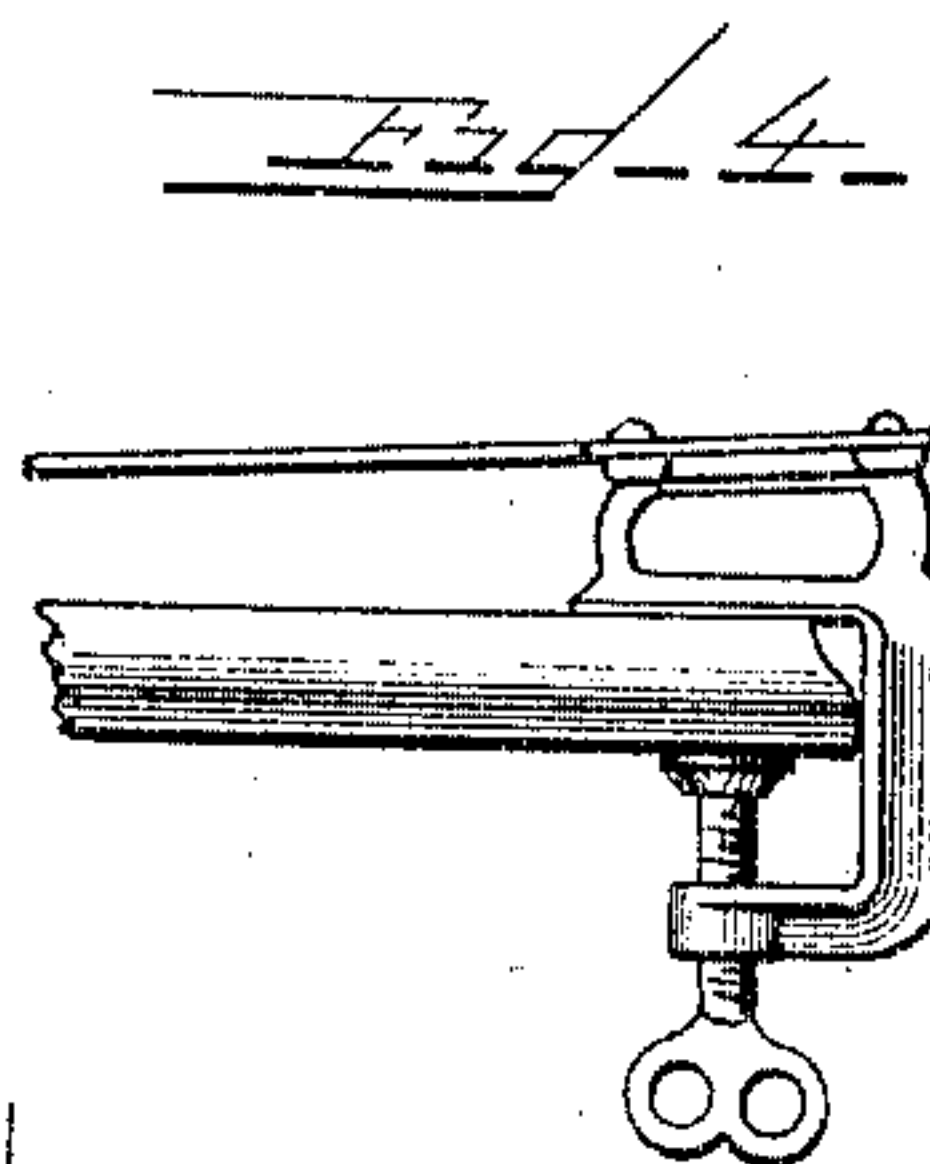
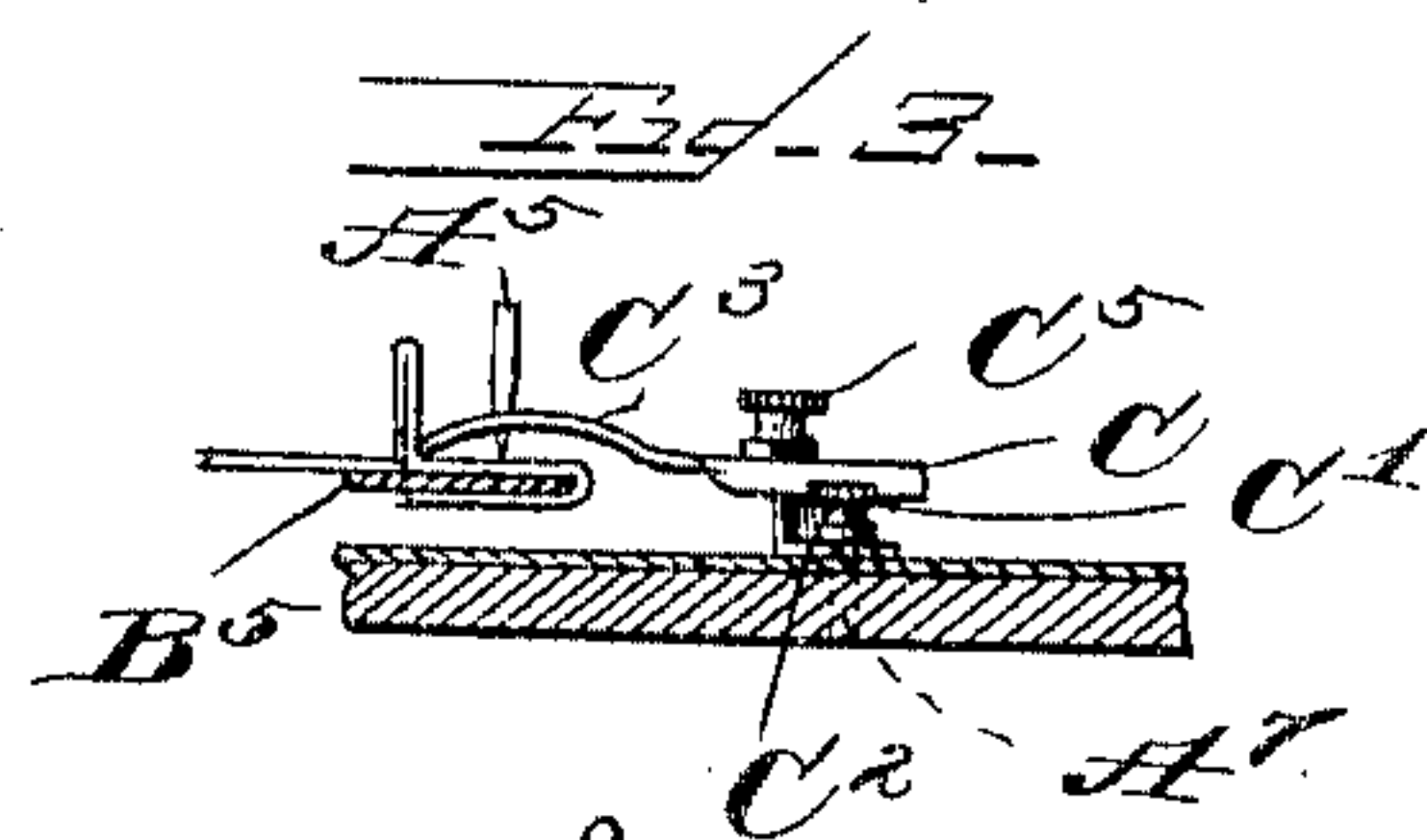
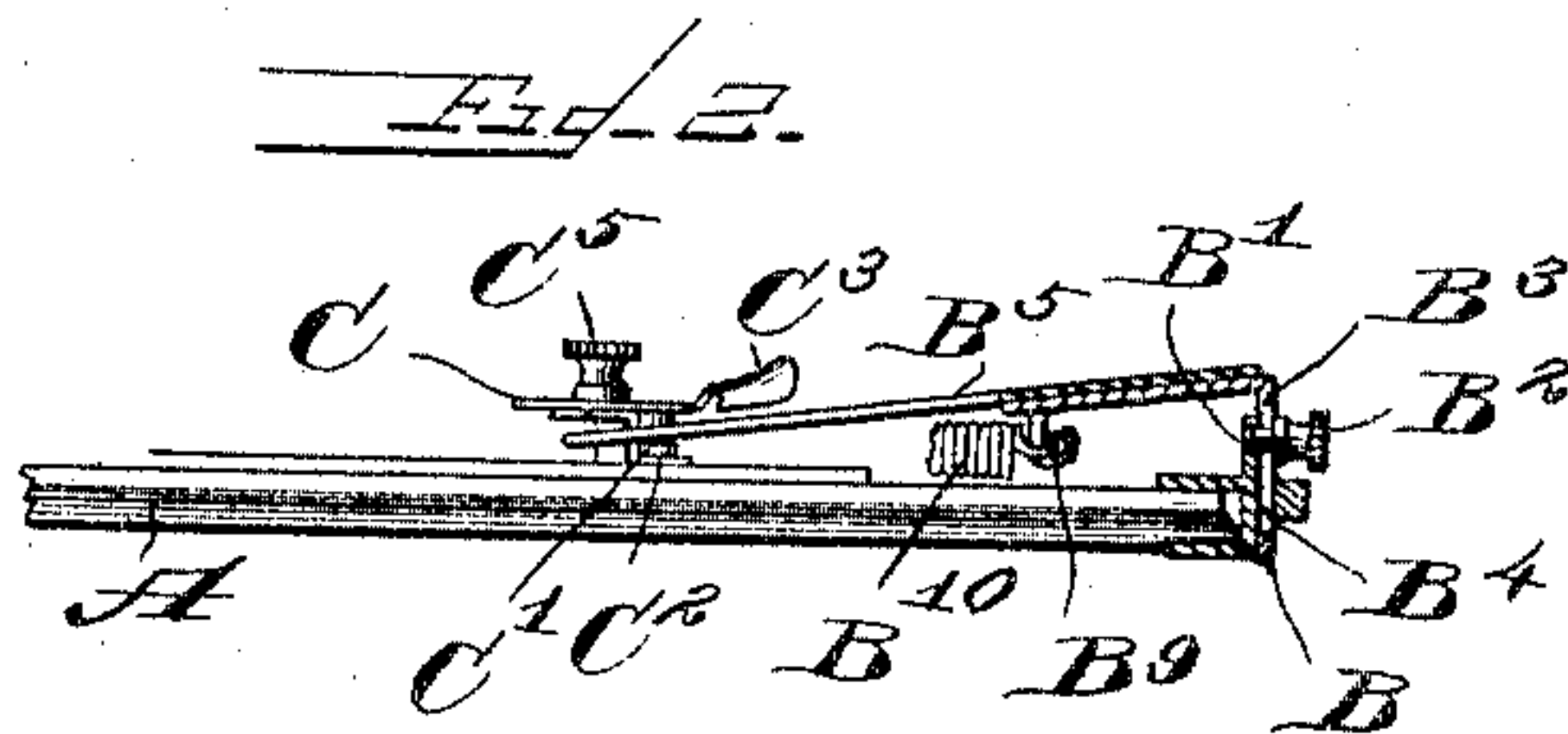
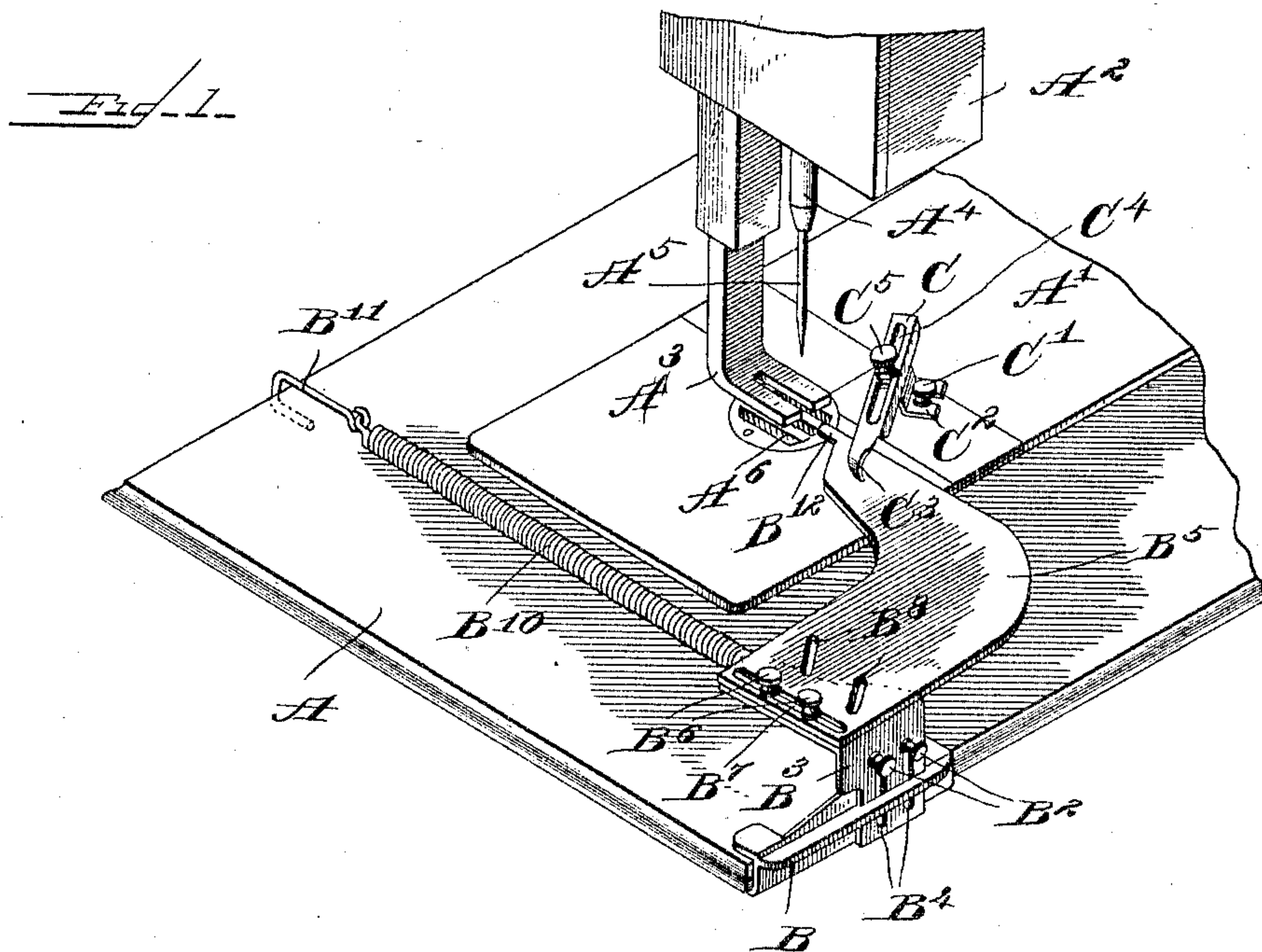


No. 780,327.

PATENTED JAN. 17, 1905.

A. P. DAY.
TUCKER ATTACHMENT FOR SEWING MACHINES.

APPLICATION FILED NOV. 10, 1902.



WITNESSES.

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TUCKER ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 780,327, dated January 17, 1905.

Application filed November 10, 1902. Serial No. 130,770.

To all whom it may concern.

Be it known that I, ALBERTINE P. DAY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Tucker Attachments for Sewing-Machines, of which the following is a specification.

The object of this invention is to provide a simple, convenient, and efficient tucker attachment for sewing-machines.

A further object is the provision of a means for securing said attachment to the stand of any sewing-machine.

In the accompanying drawings, Figure 1 is a perspective view illustrating my attachment in position upon an ordinary household sewing-machine. Fig. 2 is a transverse section through the clip for supporting the tuck-forming plate. Fig. 3 is a view illustrating the gage by means of which the distance between the tucks is regulated. Fig. 4 is a side elevation of a clamp for holding the forming-plate upon the stand of the sewing-machine. Fig. 5 is a top plan view of a forming-plate for circular tucks.

Referring to the drawings, A refers to the top of a sewing-machine stand, A' to the base-plate of the sewing-machine, A² to the head, A³ to the foot, A⁴ to the needle-bar, A⁵ to the needle, and A⁶ to the feed mechanism. The base-plate is provided with a screw-threaded opening A⁷ for a purpose to appear later herein.

In the embodiment herein shown of my invention I provide a supporting-clip B, adapted to fit upon the forward edge of the stand-top A. This supporting-clip is provided with an integral upwardly-extending web B', having two suitable internally screw-threaded openings adapted to receive the two thumb-screws B². An angular bracket B³, having two vertically-elongated openings B⁴ for receiving said thumb-screws B², is adapted to be secured to the web B' and support at its upper end the tuck-forming plate B⁵, secured thereto by means of the thumb-screws B⁶, extending through an elongated opening B⁷ in said forming-plate and into suitable screw-threaded openings in said bracket. Two elongated

openings B⁸ are also provided in said forming-plate B⁵ for receiving the thumb-screws B⁶ when it is desirable to change the position of the forming-plate to form curved tucks. The under side of the bracket B³ is provided near its forward edge with a rear-turning hook B⁹ for engaging one end of a coil-spring B¹⁰, the opposite end of which carries a hook B¹¹, adapted to reach over and engage the opposite side of the stand-top A, thus holding the tucker in position. The tuck-forming plate B⁵ is provided with a finger B¹² near its forward end, and this finger is adapted to lie on the "tuck" side of the needle—that is to say, the tuck is formed over the side of said forming-plate and the finger B¹²—the width of the finger being the limit in narrowness of the tuck.

A gage C is secured to the base-plate A' of the machine adjacent to the tuck-forming plate B⁵ and the feed A⁶ by means of a thumb-screw C', extending into the screw-threaded opening A⁷ in said base-plate. This thumb-screw secures the base C² of the gage to the base-plate A', the gage proper having the downwardly-turned point C³ at its forward edge for engaging the tuck last formed by the machine and an elongated opening C⁴ in its body portion, through which a setting thumb-screw C⁵ passes, said thumb-screw extending into a suitable opening in the upper portion of the base C².

For making straight tucks the forming-plate shown in Fig. 1 is employed. For curved tucks the forming-plate shown in Fig. 5 is used. The bracket (shown in Fig. 4) may be used in lieu of the clip (shown in Figs. 1 and 2) when it is desirable to fix the tucker to the stand-top A.

By means of the thumb-screws B⁶ the position of the forming-plate relatively to the needle may be regulated, and by means of the thumb-screws B² said plate may be raised or lowered. The bracket B³ holds the rear edge of the forming-plate considerably elevated sufficiently to enable the work to lie under the plate and the fingers of the operative to grasp the plate both above and below in feeding the goods to be tucked toward the reciprocating needle.

It is apparent that many changes may be

made in the embodiment herein shown of my invention without departing from the spirit and scope thereof. I therefore desire to have it understood that I do not limit myself to the precise details set forth.

I claim as my invention—

1. In a tucker, in combination, a supporting-clip adapted to fit upon one edge of a sewing-machine top, said clip comprising an integral upwardly-extending web; an angular bracket having a vertical portion provided with an elongated opening; a screw extending through said elongated opening into the web of said clip, said bracket also having an upper side inclined downwardly toward the center of the sewing-machine top; a tuck-forming plate having an elongated slot therein; a set-screw extending through said slot into the upper side of said bracket for adjustably securing said plate to said bracket; and an adjustable gage for regulating the distance between adjacent tucks.

2. In a tucker, in combination, a supporting-clip adapted to fit upon one edge of a sewing-machine top, said clip comprising an integral upwardly-extending web; an angular

bracket having a vertical portion provided with an elongated opening; a screw extending through said elongated opening into the web of said clip; a tuck-forming plate having an elongated slot therein; a screw extending through said slot into the upper side of said bracket for adjustably securing said plate to said bracket, said plate having a side edge over which the cloth is folded; and an adjustable gage having a point against which the last preceding seam travels.

3. In a tucker, in combination, a sewing-machine having a stand-top; a clip adapted to fit upon one edge of said stand-top; a coil-spring secured at one of its ends to said clip and having at its other end a hook adapted to grasp the opposite edge of said stand-top to hold the clip in position; a bracket adjustably secured to said clip; a tuck-forming plate adjustably secured to said bracket; and an adjustable gage for regulating the distance between adjacent tucks.

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