

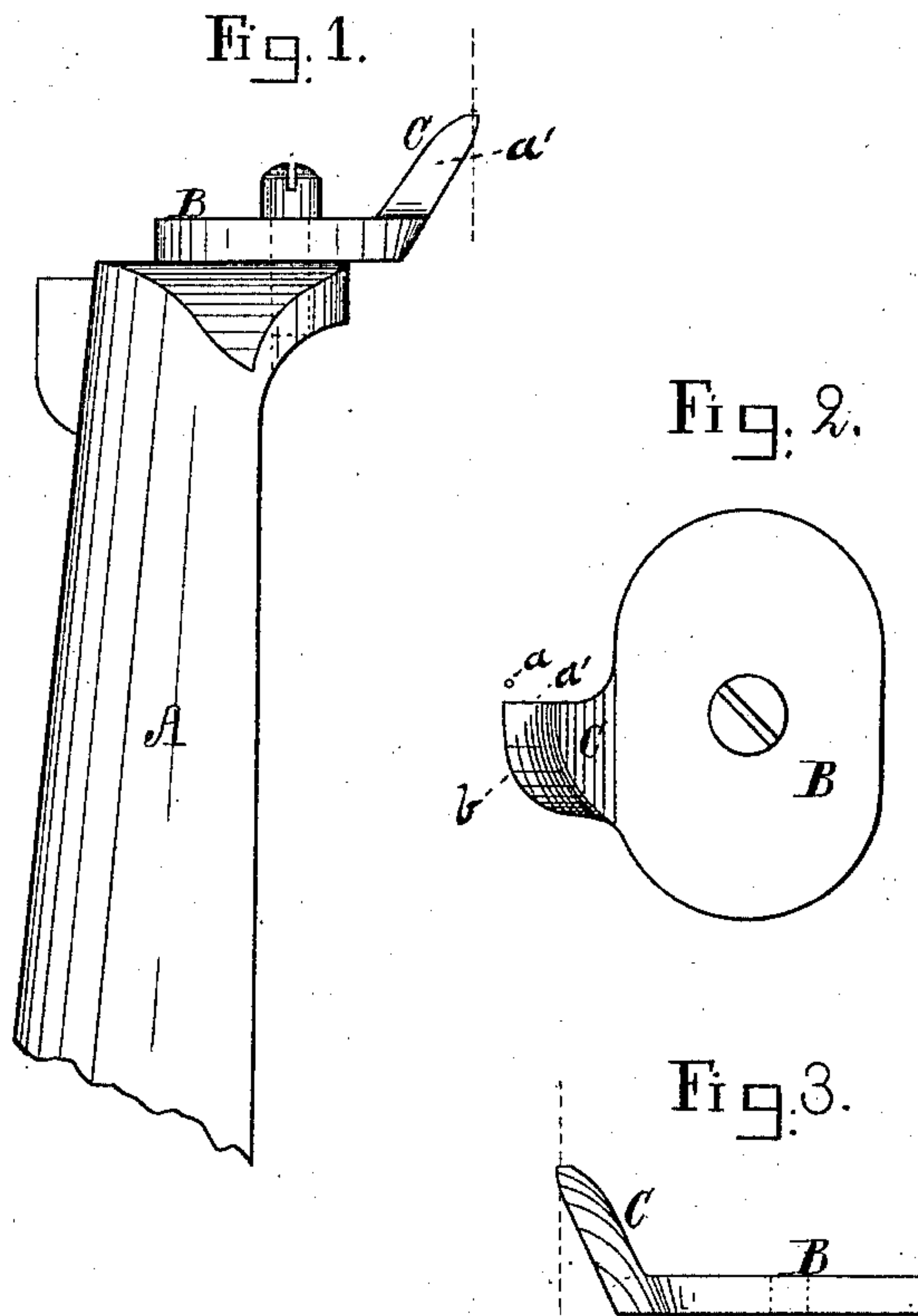
(No Model.)

W. A. MACLEOD.

ATTACHMENT FOR SEWING MACHINES.

No. 283,799.

Patented Aug. 28, 1883.



Witnesses.

*M. Clark*

*Robert Wallace*

Inventor.

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# UNITED STATES PATENT OFFICE.

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## ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 283,799, dated August 28, 1883.

Application filed May 2, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. MACLEOD, of Boston, county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Attachments for Sewing-Machines, of which the following is a full, clear, concise, and exact description, taken in connection with the drawings accompanying and forming a part hereof, in which—

Figure 1 is the upper part of a common form of post used on wax-thread sewing-machines with my attachment secured thereto. Fig. 2 is a plan, and Fig. 3 a side view, of my attachment detached.

My invention consists of a work-plate of the peculiar form shown, which may be secured to the top of the post of a wax-thread sewing-machine. By the use of my device the machine is adapted for sewing the inner sole of a boot or shoe to the upper, or upper and welt, the stitches passing through a flap or lip or ridge formed in any of the well-known methods on the under side of the inner sole, and thence through the upper and welt. As the needle first enters the edge of the inner sole (or the flap or ridge formed thereon) and passes outwardly, the loop ends of the stitches will be laid on the sole or in the channel or depression formed therein if the sole has been prepared by channeling or grooving. It will be obvious that the method of preparing the sole is unimportant, so long as a portion of the sole is in position to be caught by the needle and to receive and hold the stitches.

My attachment consists of a flat horizontal plate, B, adapted to be secured to the top of the post A, and of convenient oblong shape, (see Fig. 2,) so as to substantially cover the top of the post, and provided with a lug or beak, C, projecting upwardly and inclined toward the line of the needle, which is indicated by the dotted lines, Figs. 1 and 3, and by the small circle *a*, Fig. 2. The projecting beak C acts not only as a guide for the work, but also as a rest, between which and the presser-foot

the work is held while being sewed. The needle passes, as will be seen in Fig. 2, a little to the rear of the corner of the projecting beak C. This corner is substantially a square corner, as shown, and the top of the beak, at that point and for a short distance forward, is nearly flat, but toward the forward part, *b*, Fig. 2, rounds off, so as to facilitate turning the corners of the toe of the boot or shoe in sewing.

By reference to Fig. 2 it will be seen that the inclined upwardly-projecting beak C, which serves as a guide or rest for the work, is wholly in front of the needle, or on that side of the needle toward the operator. This position of the guide and rest with relation to the needle and the form of the rear edge, *a'*, allows of the free passage of the thread with the needle and prevents any sticking or clogging of the work.

It will be obvious that when it is desired to sew on a welt any of the well-known forms of welt-guide may be used in connection with my device.

I am aware of Letters Patent No. 275,365, granted to James H. Cutten, April 10, 1883, which shows a work rest and guide the beak of which lies in part rearward of the middle, and which is provided with an open notch; and I disclaim all that is therein shown or described.

What I claim is—

An attachment for wax-thread sewing-machines adapted to be secured to the work-supporting post, said attachment consisting of the plate B, provided with the inclined upwardly-projecting beak C, the entire beak being in front of the plane in which the needle operates, thus leaving the space rearward of the needle entirely unobstructed, substantially as and for the purpose specified.

WM. A. MACLEOD.

Witnesses:

M. CLARK,  
ROBERT WALLACE.