

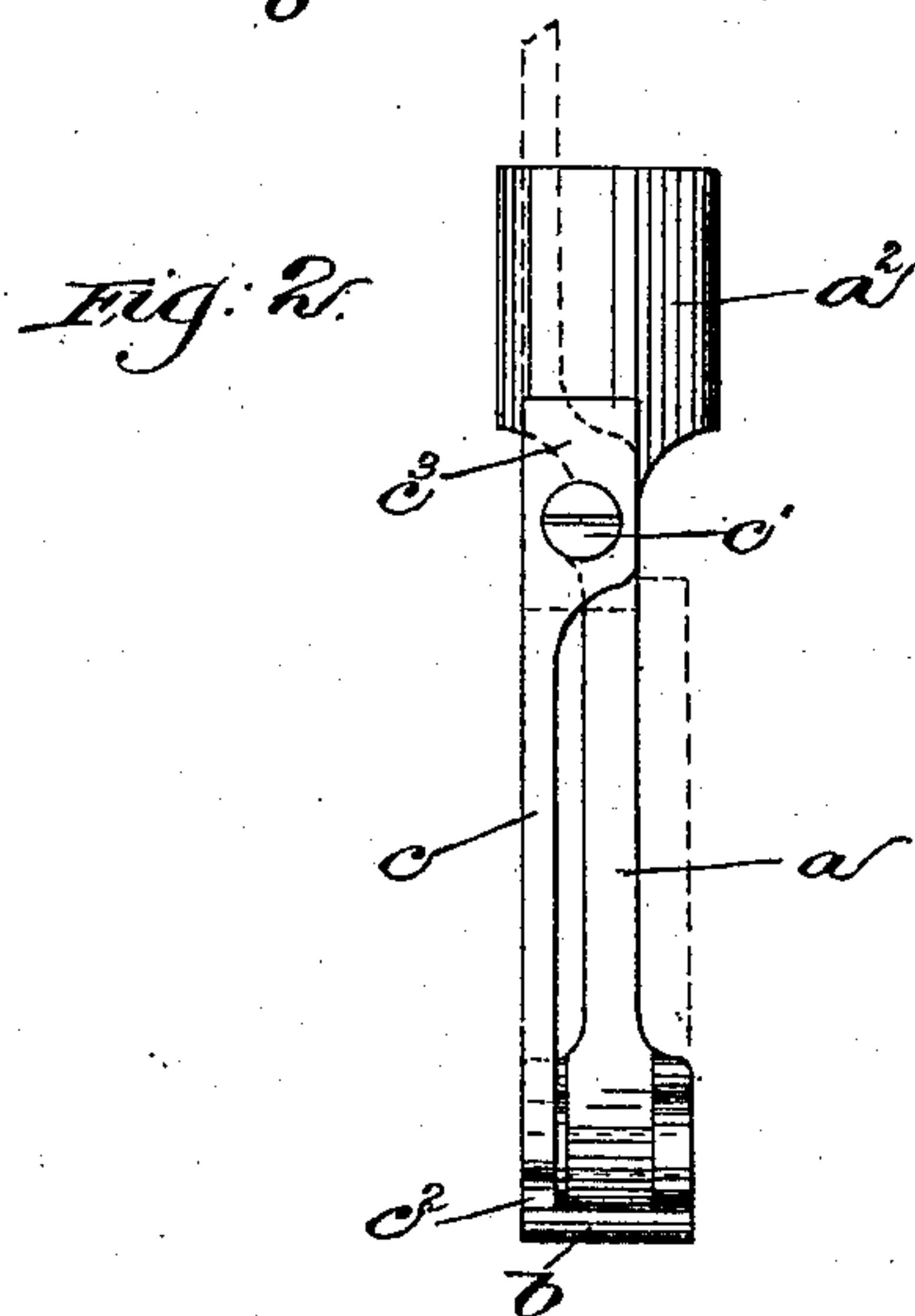
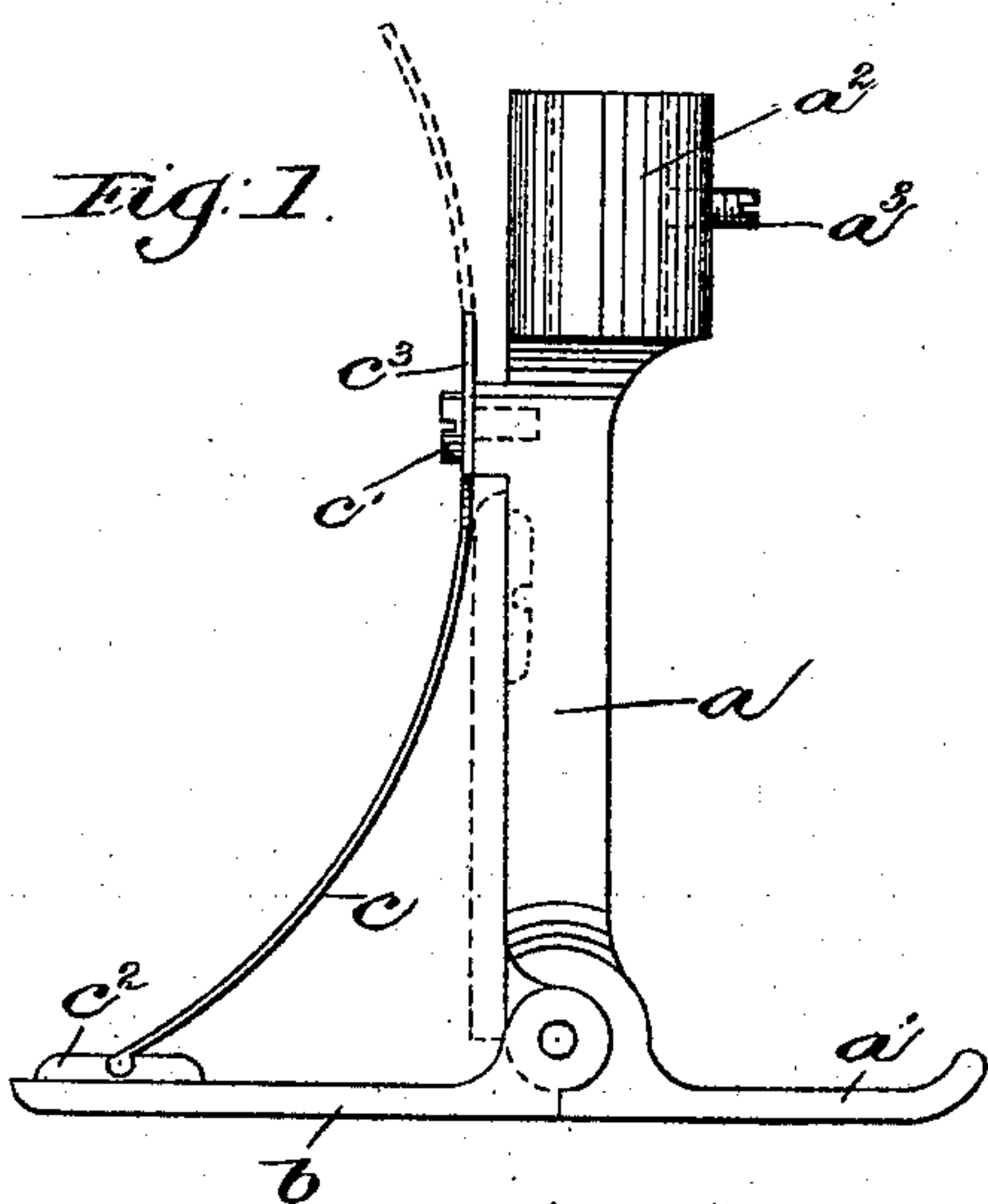
(No Model.)

B. F. WARREN.

PRESSER FOOT FOR SEWING MACHINES.

No. 369,141.

Patented Aug. 30, 1887.



*Witnesses*  
*Howard F. Eaton*  
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# UNITED STATES PATENT OFFICE.

BENJAMIN F. WARREN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO THE  
ADDAX BASTING MACHINE COMPANY, OF PORTLAND, MAINE.

## PRESSER-FOOT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 369,141, dated August 30, 1887.

Application filed November 26, 1886. Serial No. 219,910. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN F. WARREN, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in a Presser-Foot for Sewing-Machines, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to construct a presser-foot for sewing-machines, and is especially designed to be used in connection with basting-machines making a very long stitch.

In accordance with this invention a presser-foot consisting of a suitable shank and foot-plate attached to it has suitably connected with its lower end—as at the heel of the foot-plate—an auxiliary foot-plate, the under surface of which lies flush with the under surface of the main foot-plate, to thus form an extension of said main foot-plate.

A suitable locking device is provided for locking the auxiliary foot-plate down in position to bear upon the material, such a locking device being preferably so constructed as to also lock the foot-plate in its vertical position when it is desired to use the main presser-foot.

Figure 1 shows in side elevation a presser-foot embodying this invention, and Fig. 2 a left-hand side view of the presser-foot shown in Fig. 1.

The shank *a* has at its lower end the foot-plate *a'*, and at its upper end a socket, *a<sup>2</sup>*, provided with a set-screw, *a<sup>3</sup>*, as usual.

An auxiliary foot-plate, *b*, somewhat similar to the foot-plate *a'*, is hinged to the heel of the foot-plate *a'*, extending in the opposite direction, the under surface of the said auxiliary foot-plate lying flush with the under surface of the foot-plate *a'*, to thus form an extension of the said foot-plate *a'*.

The auxiliary foot-plate *b* is locked in its downward position by a suitable locking device, herein shown as a flat spring-arm, *c*, loosely connected with a pivot or stud, *c'*, screwed into the shank *a*, the lower end of the said spring-arm entering a suitable groove or passage cut in a shoulder, *c<sup>2</sup>*, at the upper side of the auxiliary foot-plate *b*.

By employing a presser-foot having a very long foot-plate—such as may be obtained by adding the auxiliary foot-plate *b* to the main foot-plate—a very long stitch may be held down upon the material, such as a basting-stitch.

When it is not desired to employ a very long stitch, the auxiliary foot-plate *b* may be upturned, as shown in dotted lines, Fig. 1, and the locking device or spring-arm *c* will also be upturned, and when the parts are in this position the short projecting end *c<sup>3</sup>* of the spring-arm will extend downward far enough to overlap the upper end of the upturned auxiliary foot-plate *b*, to thereby retain the latter in position.

I do not desire to limit my invention to the particular form of locking device herein shown for locking the auxiliary foot-plate *b* in either of its positions, as it is obvious that many other forms may be employed with equally good results.

I claim—

1. In a presser-foot for sewing-machines, the shank *a* and foot-plate *a'*, combined with the independent auxiliary foot-plate *b*, loosely connected with the heel of the foot-plate *a'*, to be turned down parallel with the foot-plate *a'*, or not, as desired, substantially as described.

2. In a presser-foot for sewing-machines, a shank, *a*, and foot-plate *a'*, combined with an independent auxiliary foot-plate, *b*, loosely connected with the foot-plate *a'*, and a locking device for locking the auxiliary foot-plate *b* down flush with the foot-plate *a'*, substantially as described.

3. In a presser-foot for sewing-machines, the shank *a*, the foot-plate *a'*, and an independent auxiliary foot-plate, *b*, loosely connected with the foot-plate *a'* at or near its junction with the shank *a*, combined with a locking device for locking the auxiliary foot-plate down flush with the foot-plate *a'*, and also in its vertical position, substantially as described.

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

BENJAMIN F. WARREN.

Witnesses:

G. W. GREGORY,  
F. CUTTER.