

(No Model.)

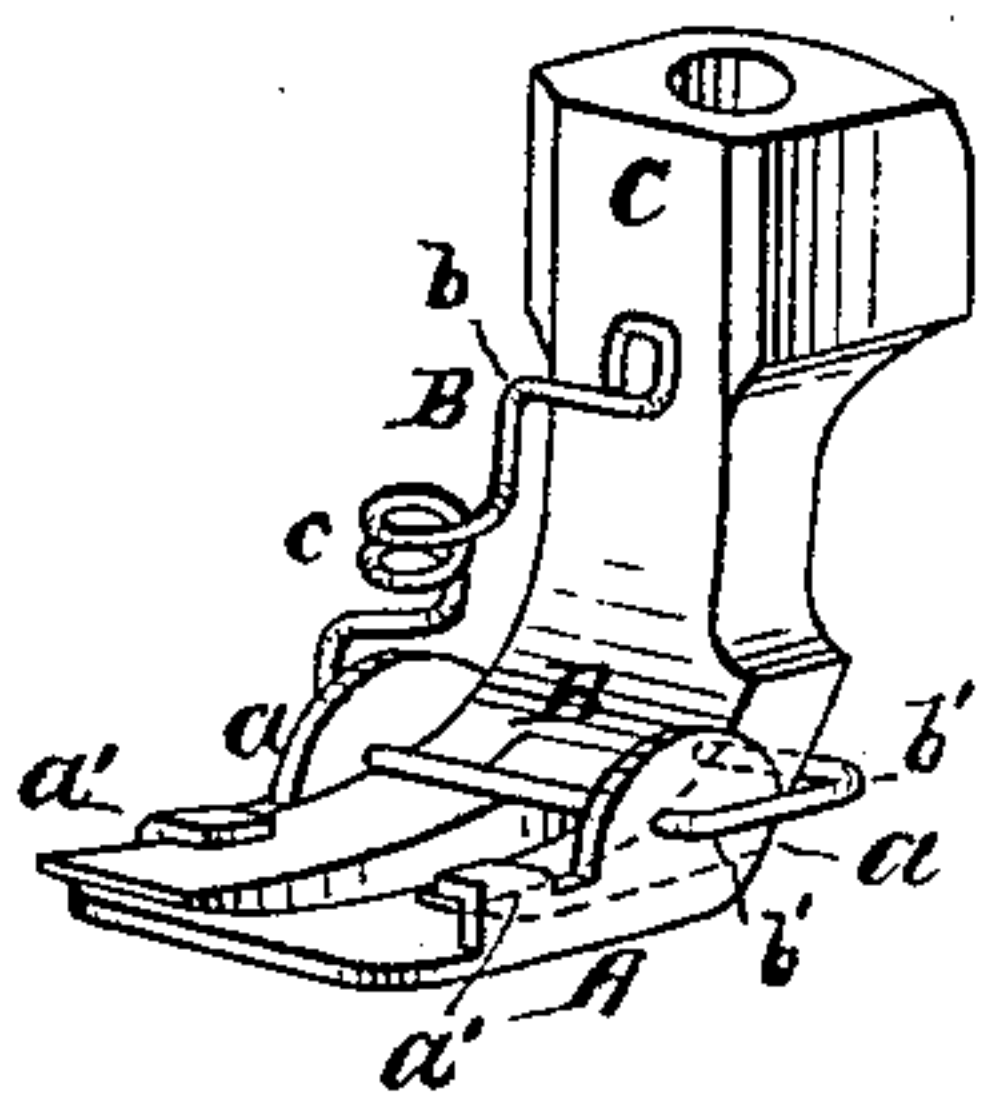
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CLAMP FOR SEWING MACHINE ATTACHMENTS.

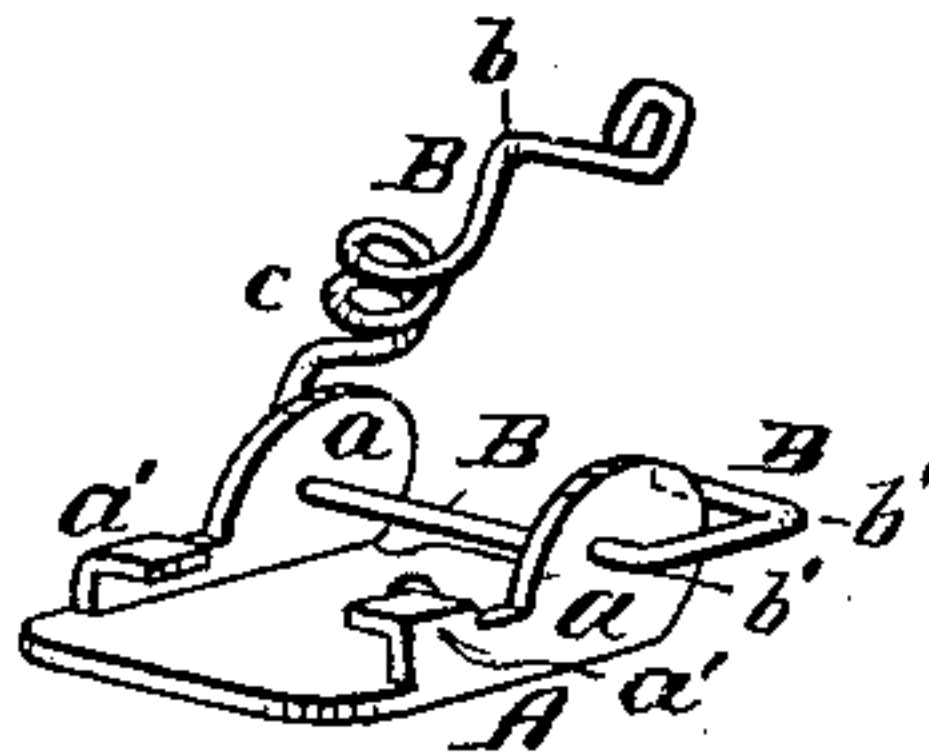
No. 277,108.

Patented May 8, 1883.

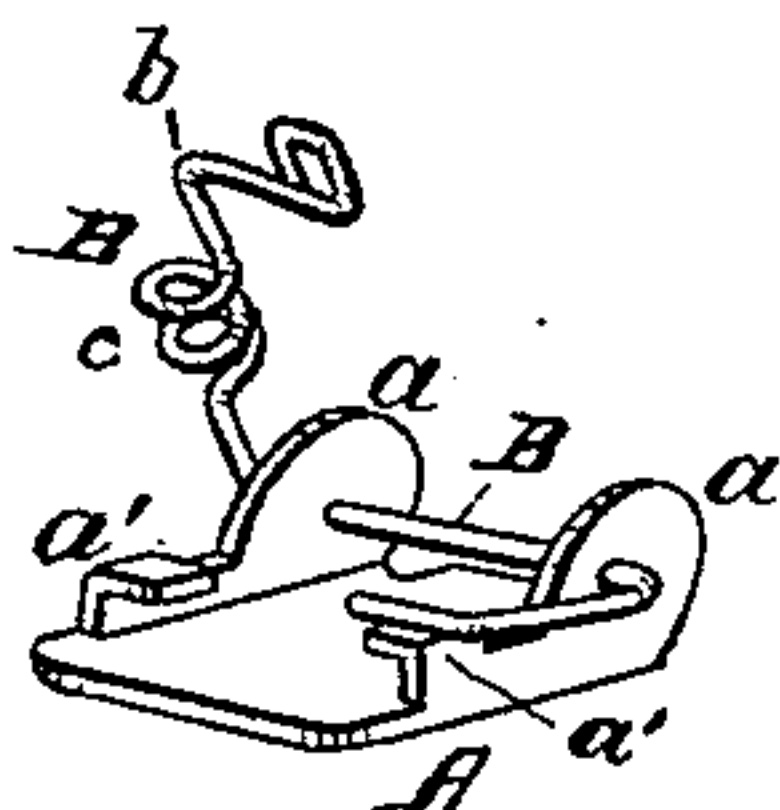
*Fig. 1.*



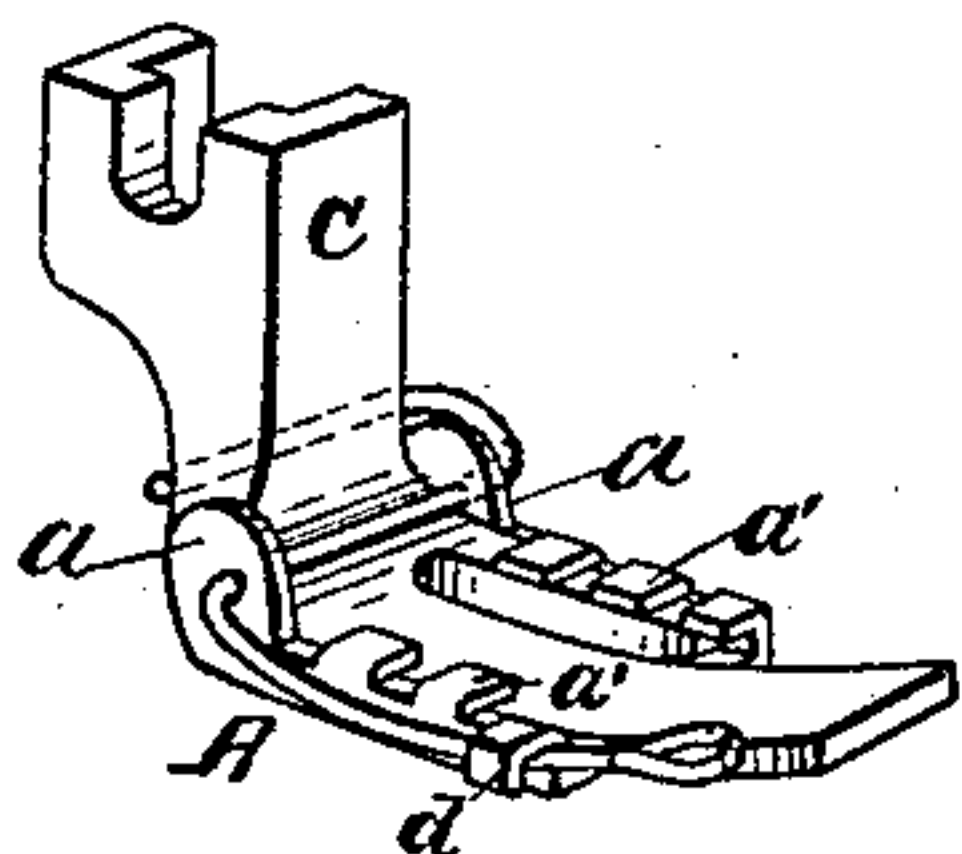
*Fig. 2.*



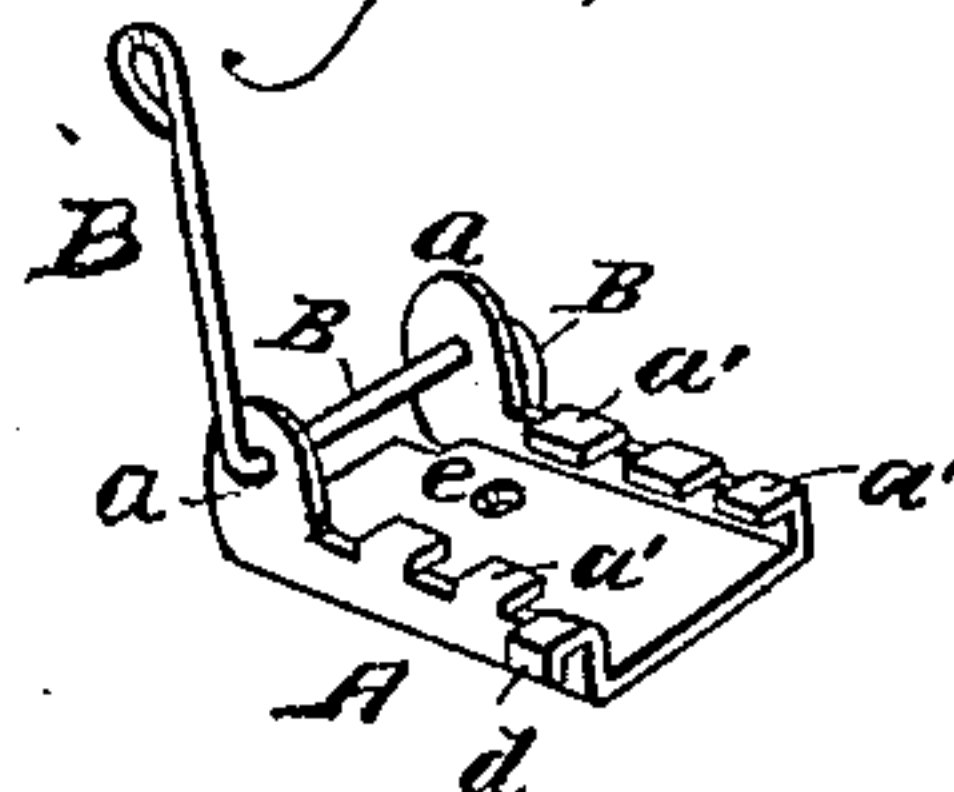
*Fig. 3.*



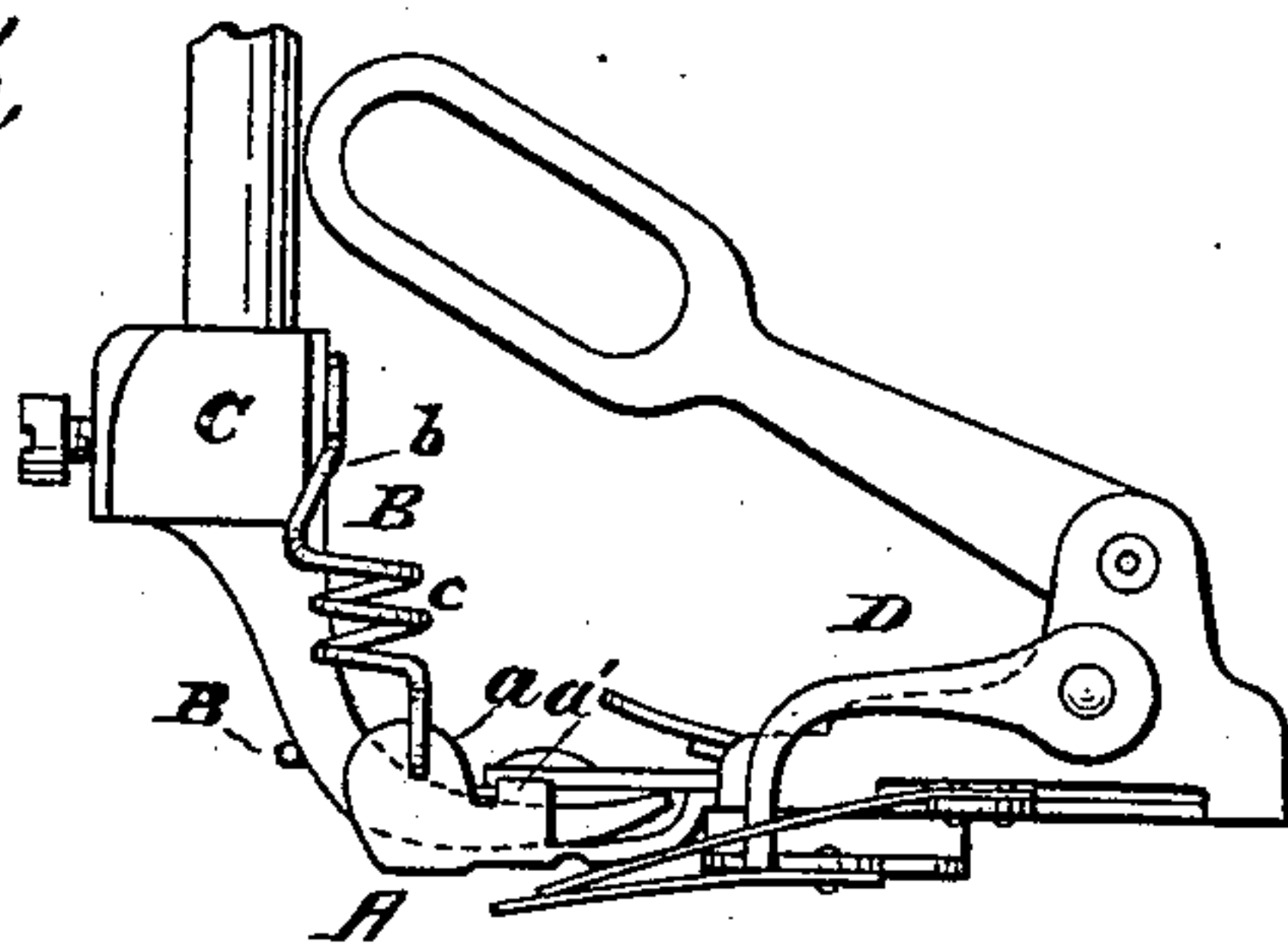
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



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# UNITED STATES PATENT OFFICE.

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## CLAMP FOR SEWING-MACHINE ATTACHMENTS.

SPECIFICATION forming part of Letters Patent No. 277,108, dated May 8, 1883.

Application filed June 19, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, GILBERT A. BRADY, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful  
5 Improvements in Clamps for Sewing-Machine Attachments, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1 is a perspective  
10 representation of a clamp embodying my invention. Fig. 2 is a like view of a clamp detached from the pressure-foot of the machine. Fig. 3 is a like view, showing a slight modification in the form of the spring-lever. Fig. 4  
15 is a like representation, showing another modification in the form of the spring-lever and a modification also in the clamp-plate. Fig. 5 is a like representation of a clamp detached when made as shown in Fig. 4, and Fig. 6 is a  
20 side view of a sewing-machine attachment provided with my improved clamp.

Like letters of reference indicate like parts.

In Figs. 1 and 4 I have shown my improved clamp applied to well-known forms of pressure-  
25 feet adapted to be applied to the pressure-foot bar of sewing-machines, and in Fig. 6 I have shown a clamp when applied to a sewing-machine attachment and arranged for use in connection with such a foot.

30 A is a flexible metallic plate, having up-turned ears *a a* and inturned lips or lugs *a' a'*.

B is a spring-lever turning in the ears *a a*. One arm of the lever B extends upward and is bent near its upper end, as shown at *b*, to  
35 lie across or partly across one side of the presser-foot. The other end of the lever B is bent, as shown at *b'*, to lie across the side of the pressure-foot opposite that against which the part *b* lies when the attachment or clamp  
40 is applied to a presser-foot, C, as shown in Figs. 1 and 6. To render the longer arm of the lever B sufficiently yielding to be applied and removed with facility, I make in that part one or more coils, *c c*. These coils, however,  
45 are not absolutely essential. It is immaterial whether the vertical or longer arm of the lever B is adapted for contact with the front or with the rear side of the pressure-foot. In Fig. 3 it is shown as adapted to press the rear side  
50 of the presser-foot, the only difference being

that the vertical or longer arm of the lever B, when free or not applied to the foot, inclines somewhat forward, while the shorter arm of the lever is bent forward and inward instead of rearward, as shown.

In the modifications shown in Figs. 4 and 5  
55 the plate A has a small hook or catch, *d*, and the longer arm of the lever B is engaged removably by this catch when the clamp is applied to use, as shown in Fig. 4.

These clamps are adapted to be slipped upon the presser-foot, being fitted thereto, so that the lips or lugs *a' a'* will clasp the horizontal part of the foot, as shown in Figs. 1 and 4. The plate A has in it a needle-hole, *e*, which  
60 of course should be located to permit the passage of the needle when the clamp is applied to the foot.

These clamps may be made ready to be applied to sewing-machine attachments by means  
65 of soldering, riveting, or in any suitable way.

The plate A may also be made in one and the same piece with sewing-machine attachments. In the example shown in Fig. 6, D represents a ruffling attachment for sewing-  
70 machines, and the plate A, with its ears or lugs *a a'*, is made continuous with one of the plates of the ruffler.

The plate A, with its ears *a a* and its lugs or clasps *a' a'* and needle hole or opening, may be  
75 termed a "false pressure-foot," adapted for combination with a sewing-machine attachment and for being applied removably to the presser-foot of a sewing-machine.

The essential feature of my invention is the  
80 clamping-lever B, combined with such a false foot.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the false presser-foot of a sewing-machine attachment, of the spring-lever B, having one arm extending upward and bent near its upper end to lie across and clamp the presser-foot proper, the said  
85 lever being journaled in the said false presser-foot and having an arm or handle for setting or adjusting the said lever, substantially as and for the purposes specified.

2. The combination of the plate A, having  
90 100



thereon the ears *a a* and the lugs or clasps *a'*  
*a'*, and adapted to permit the passage of the  
needle, and the bent spring-lever B, turning in  
the ears *a a* and adapted to clamp the presser-  
5 foot of a sewing-machine, substantially as and  
for the purposes specified.

3. The combination, with the false presser-  
foot of a sewing-machine attachment, of the  
spring-lever B, having therein one or more

coils, *c c*, the said lever being journaled in the to  
said false foot and bent rectangularly to clamp  
or engage the presser-foot proper, substan-  
tially as shown and described, and for the pur-  
poses set forth.

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Witnesses:

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