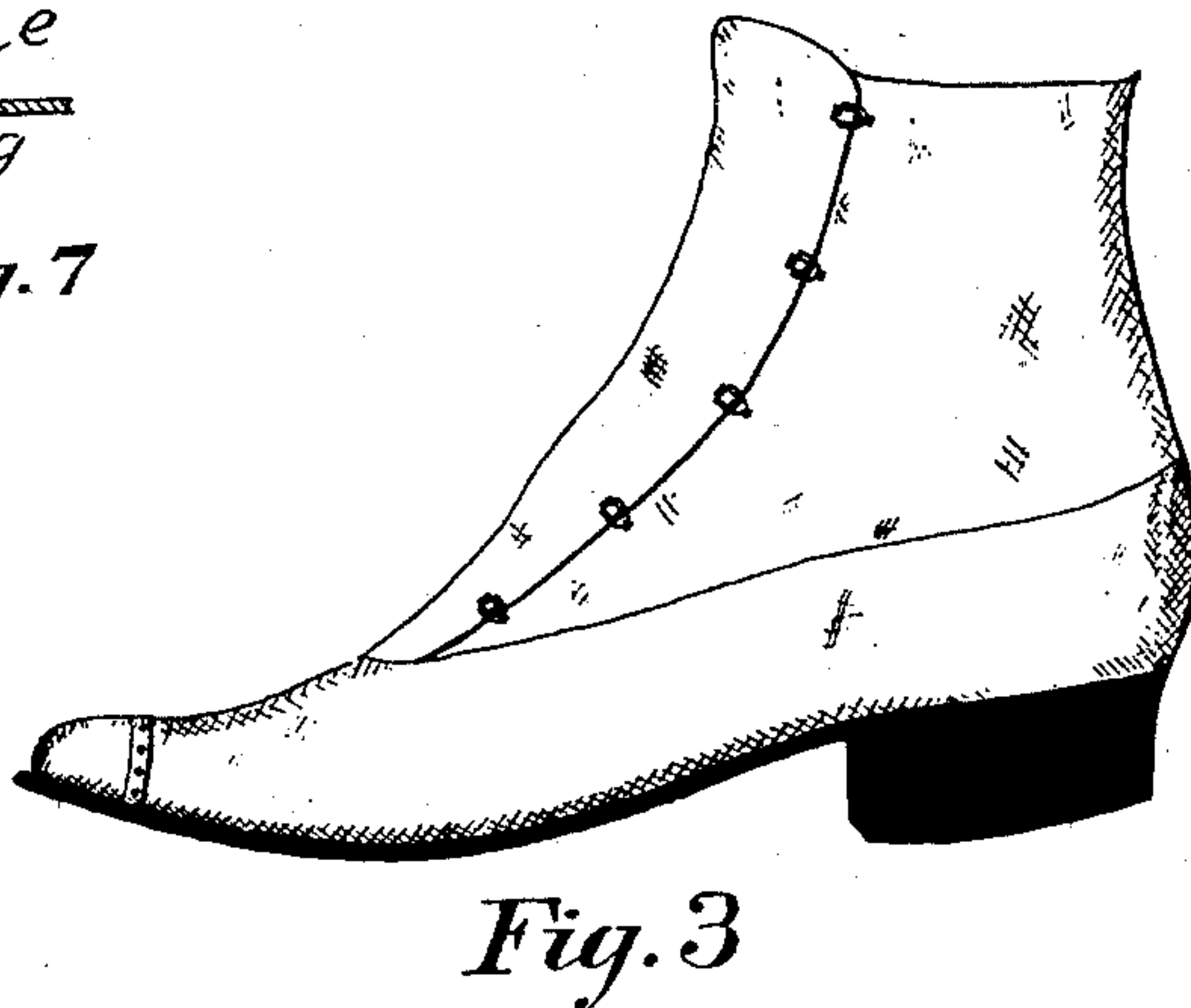
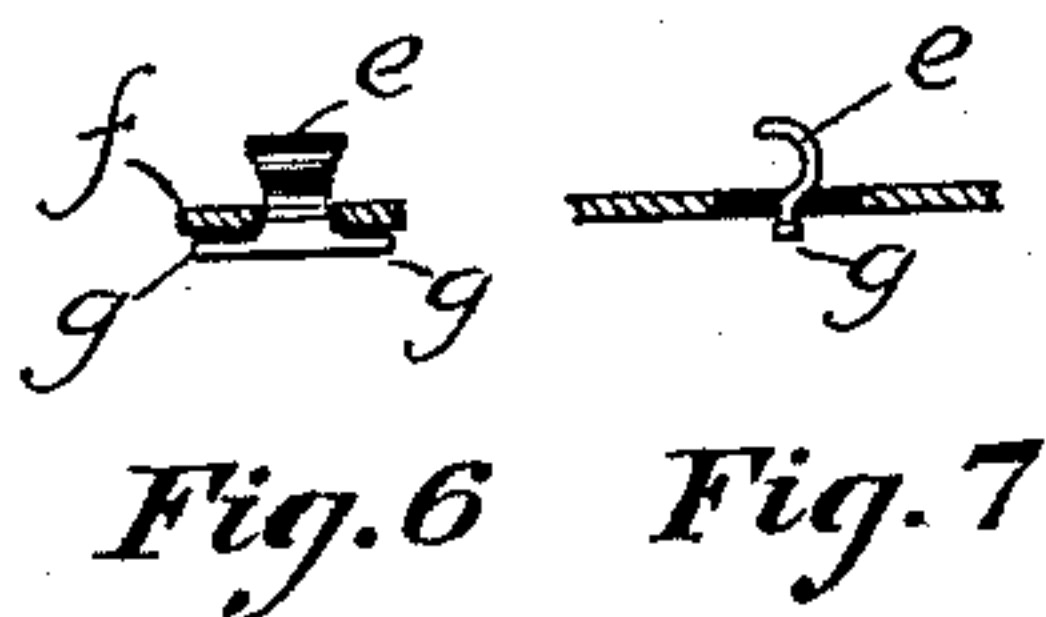
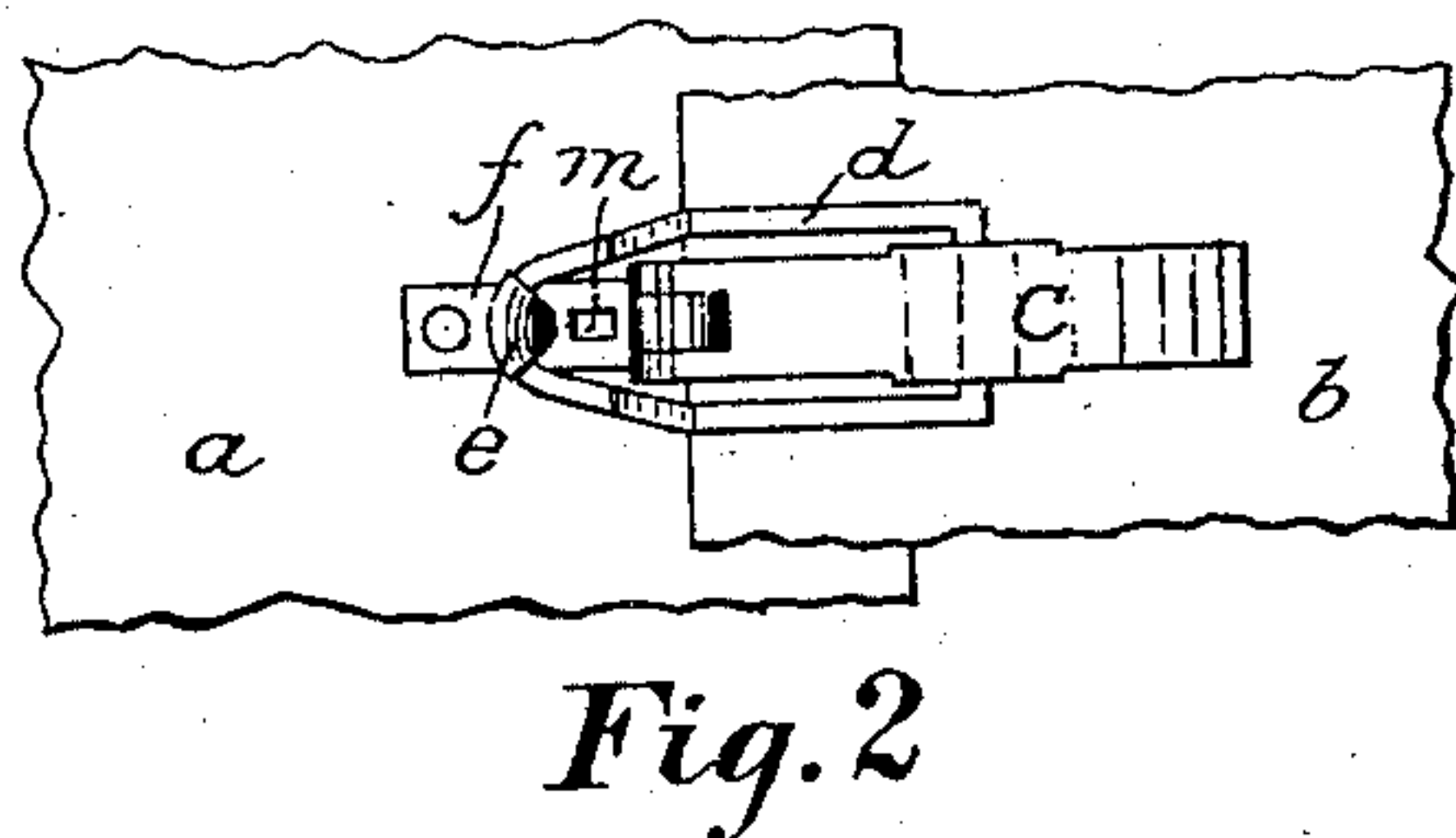
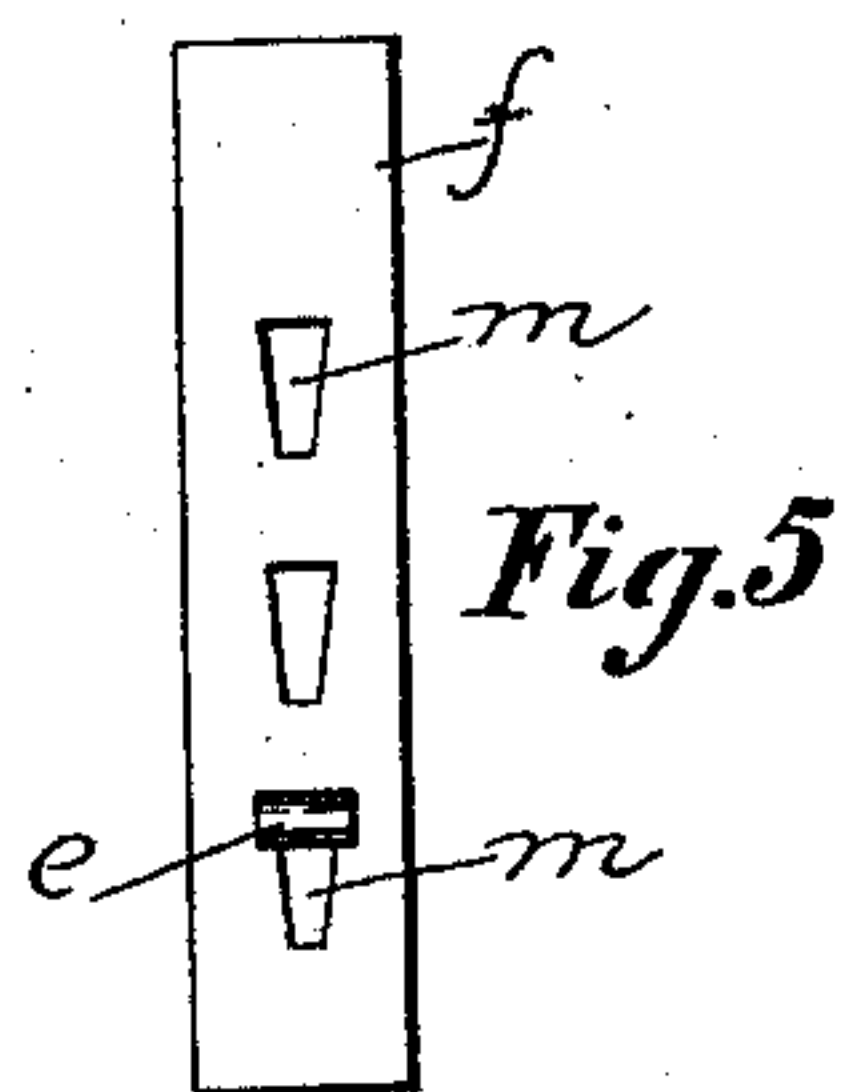
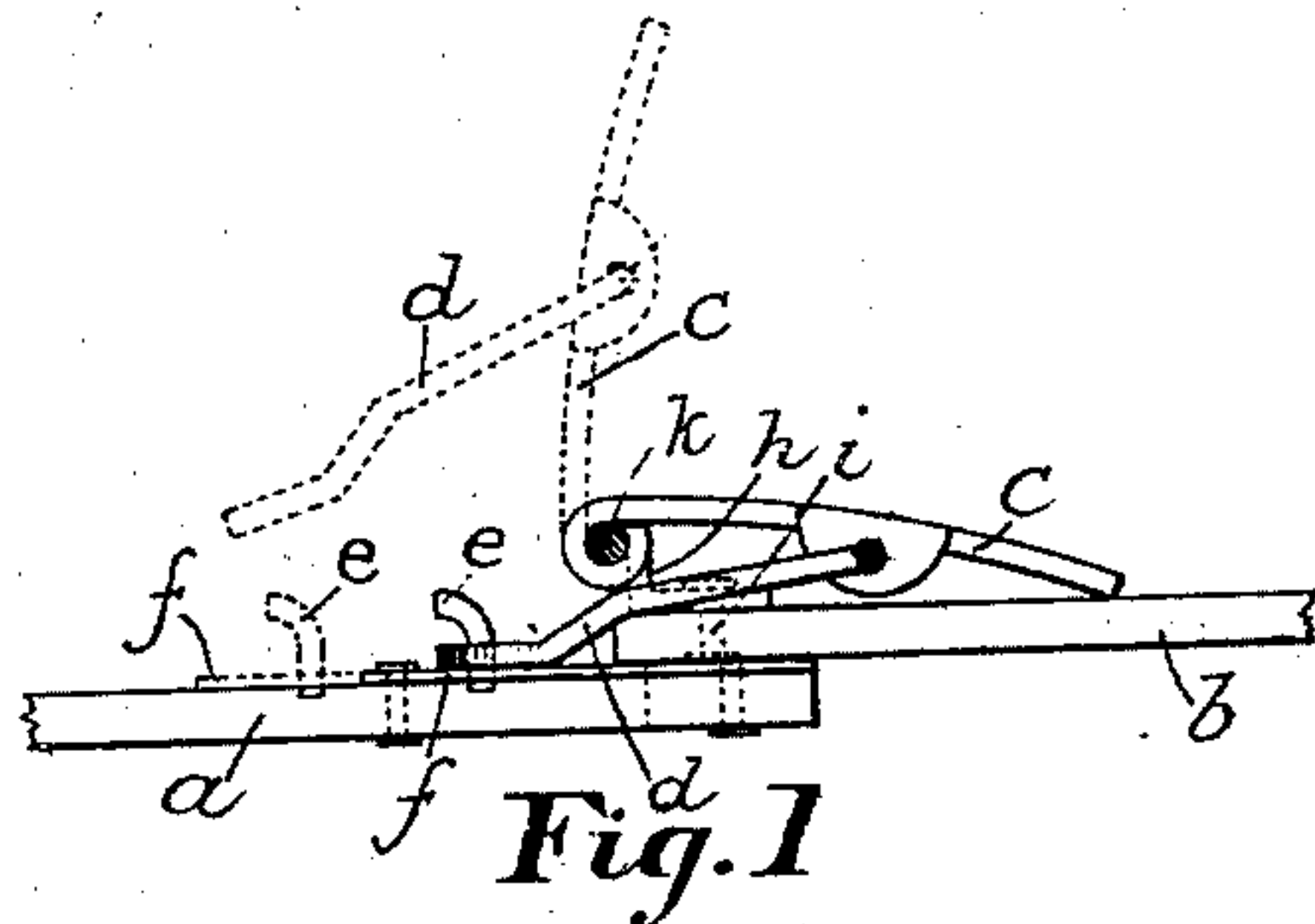


(No Model.)

F. M. LODER.  
SHOE OR GLOVE FASTENER.

No. 371,082.

Patented Oct. 4, 1887.



WITNESSES:

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ATTORNEYS

# UNITED STATES PATENT OFFICE.

FREDERICK M. LODER, OF NEW YORK, N. Y.

## SHOE OR GLOVE FASTENER.

SPECIFICATION forming part of Letters Patent No. 371,082, dated October 4, 1887.

Application filed April 12, 1887. Serial No. 234,523. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK M. LODER, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Shoe or Glove Fasteners, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of my invention is to construct a fastening device for gloves, shoes, or the like which shall be simple in construction, cheap to manufacture, efficient, and durable.

The invention consists in a lever or clasp hinged to a metal piece riveted or otherwise affixed to a fabric, and a link swiveled to said lever, which link is adapted to engage a hook upon the other edge of the fabric, secured to said fabric by a plate having a series of slots therein. When the link is placed over the hook with the lever in its raised position and then depressed, it will draw the parts of the material together and firmly lock them in this position; and it consists, further, in the construction of the aforesaid hook and a plate for holding it in position, whereby it can be adjusted to one of several positions, so that when the material has shrunk or expanded the hook may be removed and adjusted to compensate for the same; and it consists, further, in details of construction, hereinafter to be specified, which will be pointed out in the claims appended hereto, making a part of this specification.

In the accompanying drawings, Figure 1 is a side view of a clasp embodying my invention; Fig. 2, a face view of the same; Fig. 3, a representation of a shoe with my fastenings applied thereto; Fig. 4, a perspective view of the hook with which the link engages; Fig. 5, a plate adapted to be secured to the material to which the hook is removably fastened so as to be adjusted to one of several positions; Fig. 6, a front view of the hook and its engaging plate, and Fig. 7 a side view of the latter.

The same letters of reference in the several figures of the drawings designate the same parts throughout.

*a b* represent the two edges or ends of a fabric,

to the latter of which is affixed a metal piece, *h*, by a rivet, *i*. To a raised part of this metal piece is pivoted a lever, *c*, by means of a pin, *k*. Swiveled to this lever *c* is an open link, *d*, of the form shown in Fig. 2. Dotted lines in Fig. 1 show the position of the link and the lever when raised. To the other end of the material *a* is secured, by rivets or in any other way, a metal plate, *f*, (see Fig. 5,) with V-shaped slots *m* cut therein, in which the hook *e* is adapted to be inserted. This hook consists of a curved part, *e*, having cross-arms *g g* extending therefrom, which attach it to the plate *f*. The hook *e* is inserted in plate *f* by turning the hook so that the cross-arms *g g* register with the length of the V-shaped slots, and then rotating the hook through an angle of ninety degrees. The plate *f* may be provided with two or more V-shaped slots. If from any cause it is found that it is necessary to move the hook from one position to another, this can readily be done by reversing the process by which the hook was inserted in the plate and placing it in another slot. The cross-arms of the hook secure it in position, so that it cannot be shaken from its place, as they are held firmly between the plate *f* and the fabric upon which the plate rests.

I do not wish to be confined to any particular way of fastening the plate to the fabric, nor to any particular means for affixing the piece which hinges the lever to the fabric. In Fig. 1 the position of the hook is represented by dotted lines to illustrate its position before my clasp is applied to fasten the fabric. To fasten the two parts together the link *d*, when in its raised position, is slipped over the hook *e* and the lever *c* depressed to the position shown in Fig. 1. This will draw the ends of the fabric together and lock them in position. It will be observed that when the clasp is in its locking position the hinge *k* is above the link, so that the parts will be more firmly locked together when a strain is transmitted by the link, which will have a tendency to press the link *c* more tightly against the fabric.

The device is shown in Figs. 1 and 2 on an enlarged scale; but in practice its size will not be noticeable. It may be used as a glove or a shoe fastener, or in fact as any kind of a fastener, without departing from the spirit of my



invention. It is strong in construction, cheaply manufactured, and makes a very efficient fastener.

5 Having now set forth my invention, and described its mode of operation and the uses to which it can be put, what I now desire to claim and secure by Letters Patent of the United States is—

10 1. A hook for a fastening device adapted to be used for the purposes described, consisting of a curved portion and having cross arms, as described, and a metal plate having one or more slots therein, in which the hook may be inserted, fastened to a material, whereby the  
15 hook may be inserted in any one of said slots and be adjusted in any position desired.

2. The combination, as a glove or shoe

fastener, of a link, *c*, suitably affixed to the material by a hinged joint, an open link, *d*, swiveled to the same, as shown, a hook, as *e*,  
20 with which said link is adapted to engage, and a plate, as *f*, secured to the other end of said material, having one or more slots therein, whereby the hook may be adjusted in one of several positions, all operating as and for the  
25 purpose set forth.

In testimony whereof I have hereunto set my hand and seal, this 8th day of April, 1887, in the presence of the two subscribing witnesses.

FREDERICK M. LODER. [L. S.]

Witnesses:

A. C. FOWLER,

CHAS. D. FOWLER.