

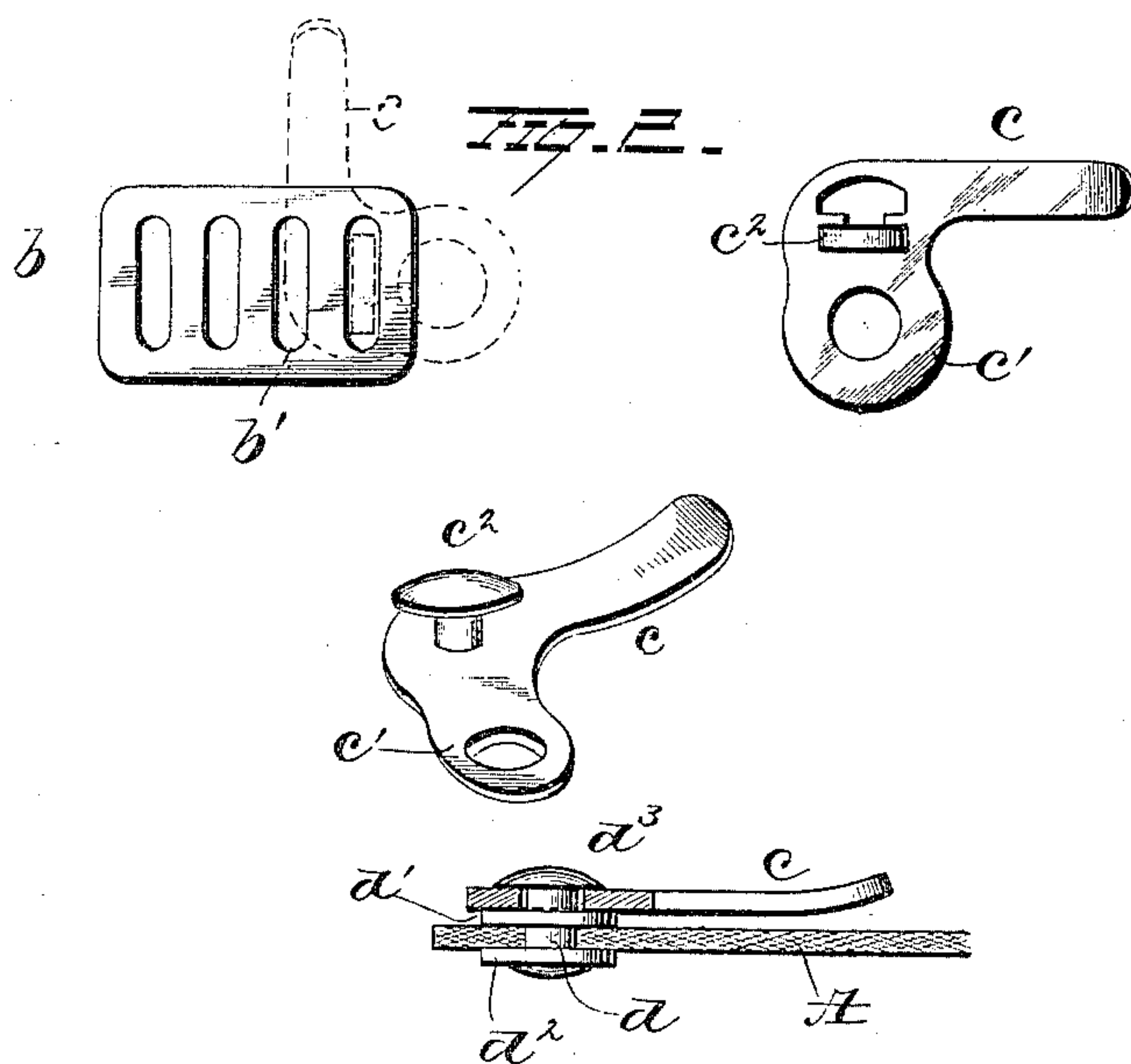
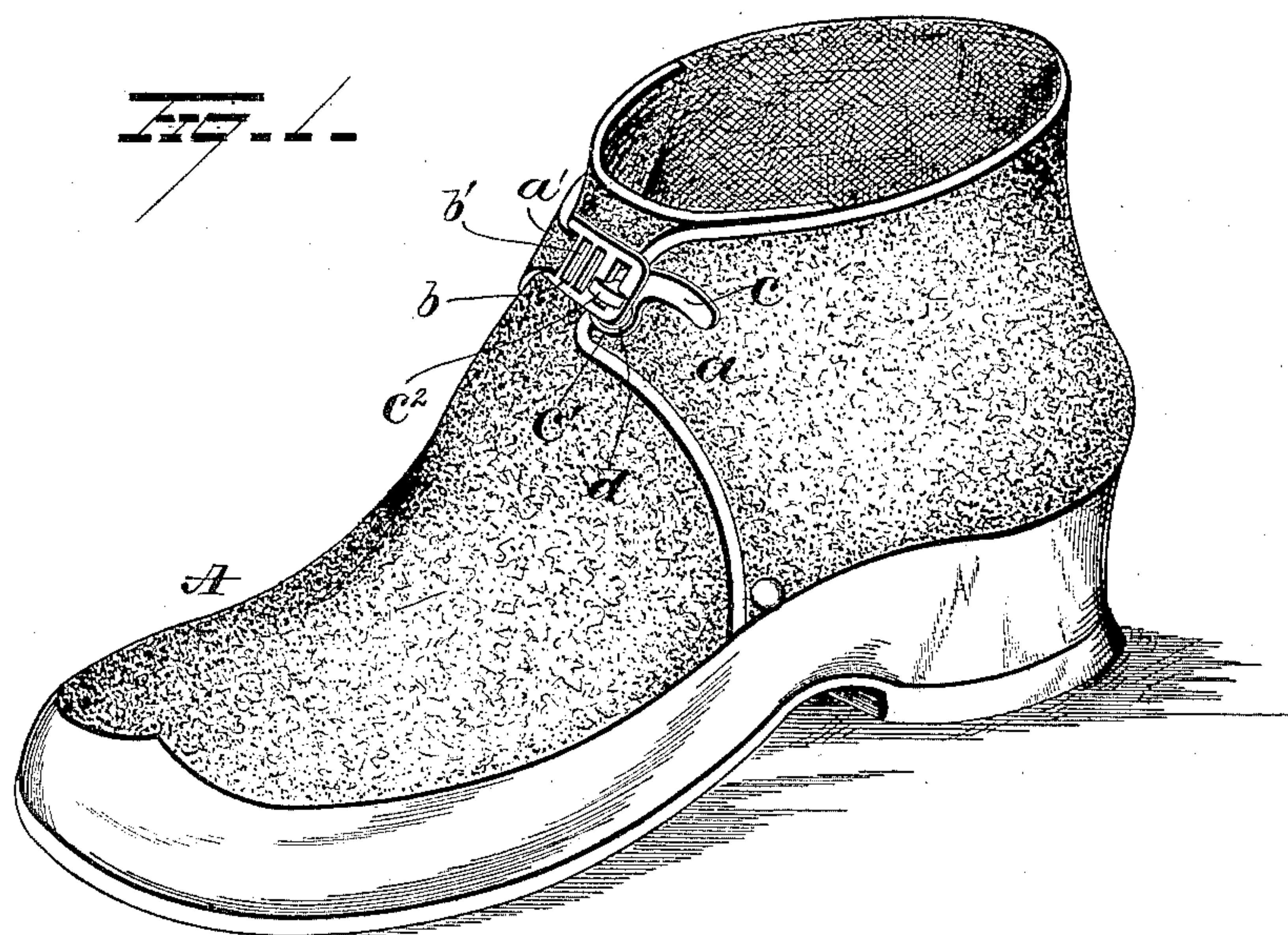
(No Model.)

A. O. CARMAN.

SHOE FASTENING.

No. 339,146.

Patented Apr. 6, 1886.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ALVIN O. CARMAN, OF POTTERVILLE, MICHIGAN.

## SHOE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 339,146, dated April 6, 1886.

Application filed January 22, 1886. Serial No. 189,384. (No model.)

*To all whom it may concern:*

Be it known that I, ALVIN O. CARMAN, of Potterville, in the county of Eaton and State of Michigan, have invented certain new and useful Improvements in Shoe-Fastenings; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to fastenings for overshoes, and is also applicable to other kinds of shoes; and the object of my invention is to produce a simple and inexpensive fastening which will securely connect the flaps of the shoe, and which may be easily manipulated.

To the above purposes my invention consists in an eccentrically-pivoted lever designed to be attached to one flap of the shoe, and provided with a stud for engaging the slots of a catch-plate secured to the opposite flap of the shoe.

My invention also consists in certain peculiar and novel features of construction and arrangement, as hereinafter described and claimed.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of an overshoe with my improved fastening applied thereto. Fig. 2 is a detached view showing two forms of construction of the fastening-lever and the rivet for securing the fastening-lever to the shoe-flap.

In the said drawings, A designates an overshoe, and  $a'$  its flaps. To the flap  $a'$  is attached, in any suitable manner, the catch-plate  $b$ , having one or more slots,  $b'$ , extending transversely to the length of said plate.

$c$  designates my improved fastening-lever, which is of approximate L shape, the two arms of the lever meeting at a somewhat acute angle. The arm  $c'$  of said lever is enlarged, so as to properly receive the rivet  $d$ , by which the lever is pivoted to the flap  $a'$ . This rivet has two flanges,  $d'$  and  $d^2$ , between which the body of the flap is confined, and a head,  $d^3$ , between which and the flange  $d^2$  the lever is freely confined. The outer end of the arm  $c'$  of the lever should be turned somewhat up-

ward, to afford an easy hold upon the lever. Upon the portion  $c$  of this lever is formed a T-shaped stud,  $c^2$ , which stands erect from the portion  $c$ , and which may be either formed separately and attached to the lever or punched out therefrom and properly bent up. It will thus be seen that by inserting the stud  $c^2$  into one of the slots  $b'$  and then turning the lever so that its arm shall rest against the outer edge of the plate  $b$ , the flaps of the shoe will be securely connected, and no pulling strains can separate the parts of the fastening. By simply throwing the lever in the opposite direction till the arm  $c'$  lies parallel with the outer end of the plate and the head of the stud  $c^2$  lies parallel with the slots  $b'$  the parts of the fastening may be readily separated.

This device may be quickly and readily manipulated even with the hands gloved. The parts of the device may also all be made cheaply of sheet metal.

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

1. In a fastener for shoes, the combination, with a catch-plate secured to one flap of the shoe and having an opening or slot therein, of a lever loosely secured to the other flap of the shoe and provided with a stud adapted to engage the slot or opening in the catch-plate, all arranged to operate substantially as set forth.

2. The lever having arms  $c$   $c'$ , arranged as described, and provided with the stud  $c^2$  upon its arm  $c$ , substantially as and for the purpose set forth.

3. The combination, with the transversely-slotted plate  $b$ , of the lever having arms  $c$   $c'$  and stud  $c^2$ , substantially as and for the purpose specified.

4. A shoe having a flap carrying the slotted plate  $b$ , and an opposite flap carrying the eccentrically-pivoted lever having the arms  $c$   $c'$  and T-shaped stud  $c^2$ , as described.

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

ALVIN O. CARMAN.

Witnesses:

WM. H. VAN AUKEN,  
CYRUS N. STREETER.