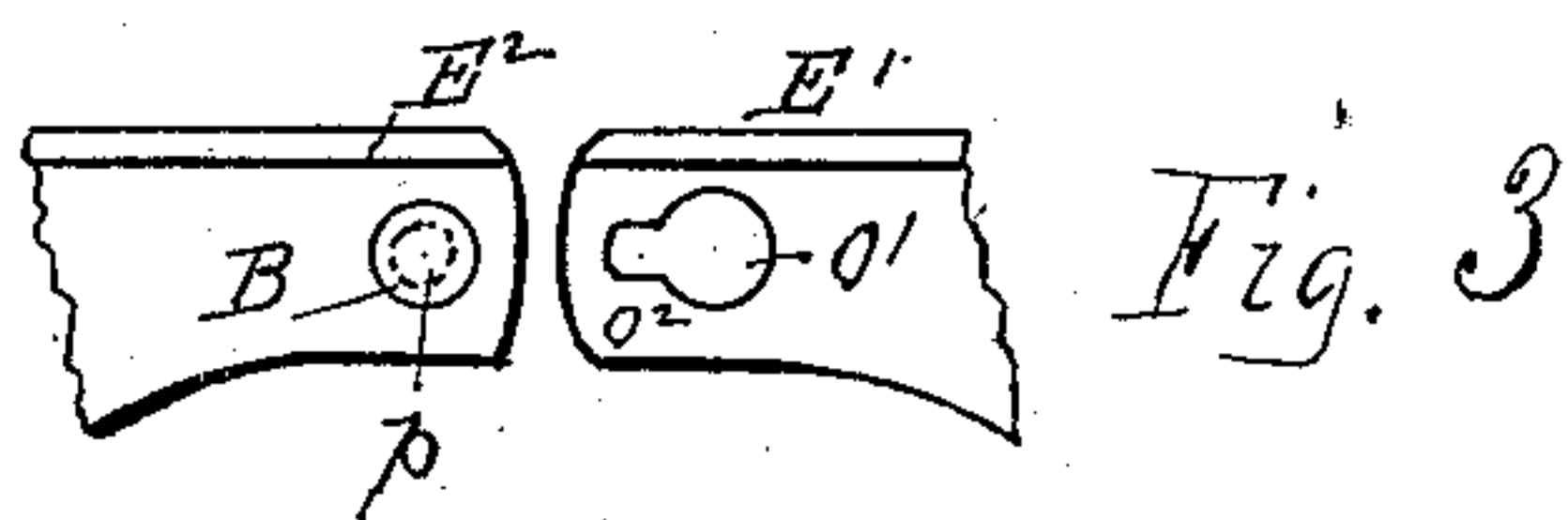
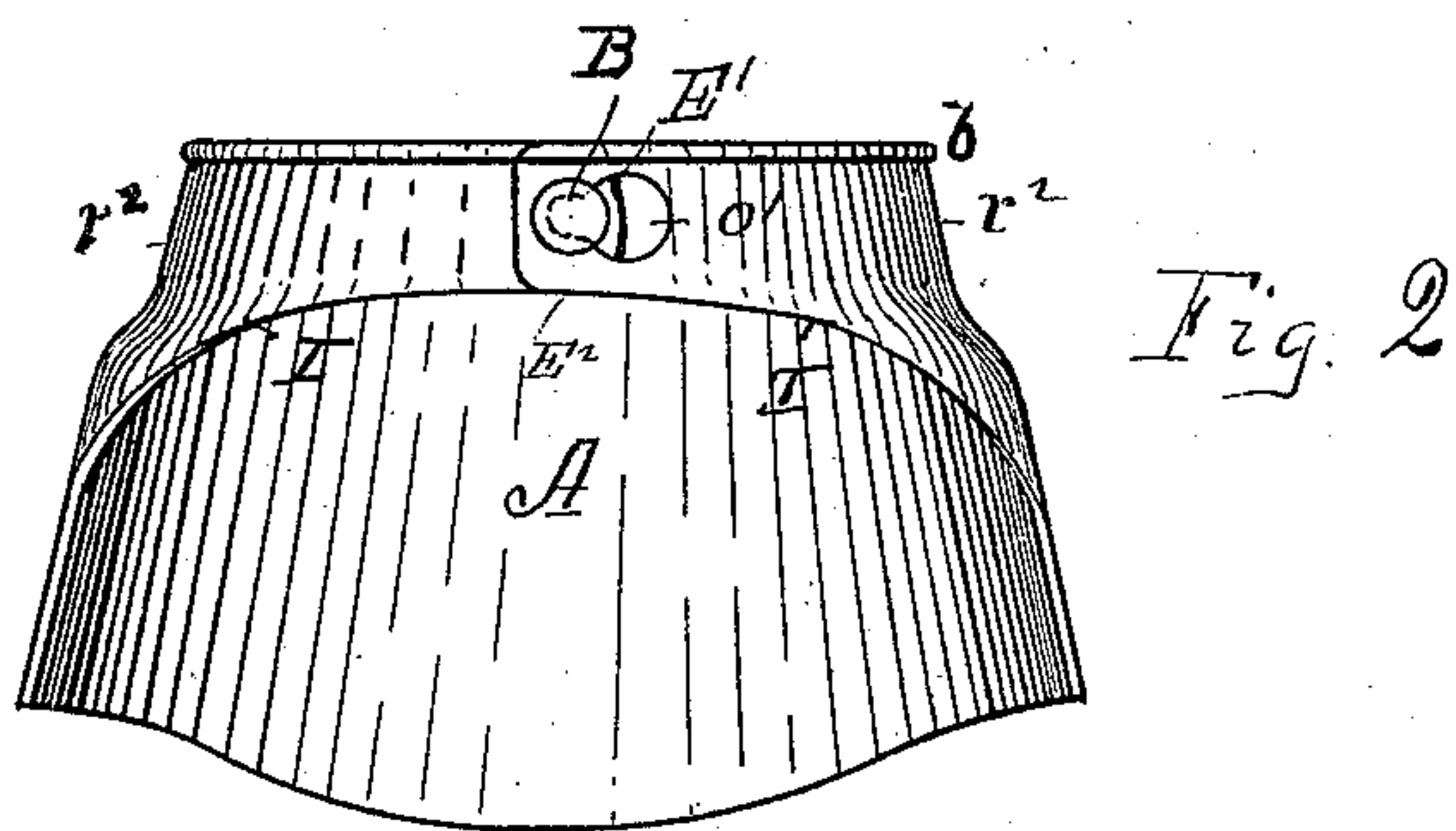
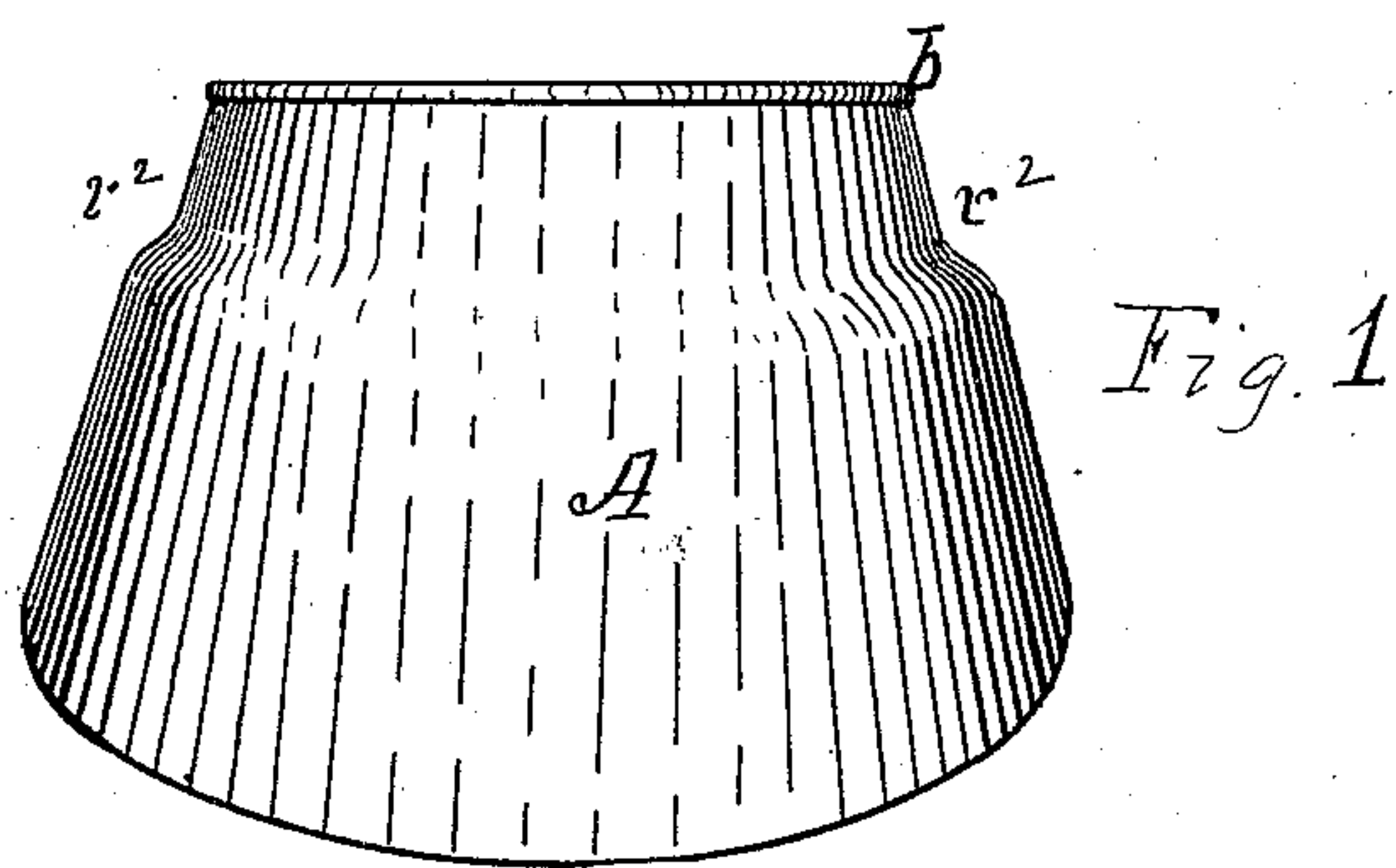


(No Model.)

J. B. HOYT.  
CALKING BOOT FOR HORSES.

No. 370,788.

Patented Oct. 4, 1887.



WITNESSES

Geo. A. Darby.

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# UNITED STATES PATENT OFFICE.

JAMES B. HOYT, OF TROY, NEW YORK.

## CALKING-BOOT FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 370,788, dated October 4, 1887.

Application filed February 17, 1887. Serial No. 227,980. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES B. HOYT, of the city of Troy, county of Rensselaer, and State New York, have invented a new and useful Improvement in Calking-Boots for Horses, and of which the following is a specification.

My invention relates to that class of devices which are applied to the feet of horses to prevent their calking themselves; and my invention consists of a boot made of thin steel or other similarly-elastic sheet metal that is adapted by form to inclose and cover the hoof at the front and sides, as well as a part of the fetlock above the hoof, with said boot made to overlap at its ends at the rear when the latter are sprung together, one of the ends being provided with a boss and pin and the other overlapping end made with a slot adapted to receive the boss and pin.

Where this class of appliances are made of leather they require a buckle and strap for connection, and they often become soft and wet when used, so as to stretch away from their connection and to hang loosely and in a flabby condition, which interferes with the movement of the animal, and are often cut through when they come in contact with the calks on the shoes of the forward feet of the horse, thereby wounding the animal and practically defeating the purpose for which the boot is intended or designed. It is to remedy these and other difficulties that is the object of my invention.

I am aware that there would be no invention in merely substituting metal for leather; but by my application functional results are had by the use of the metal which could not be had by leather, from the fact that the sheet metal operates as a spring to connect the ends of the device and to hold them as attached, and the metal also, in a way that leather would not, protects the foot of the horse from injury.

Accompanying this specification to form a part of it, there is a plate of drawings containing three figures illustrating my invention, with the same designation of parts by letter-reference used in all of them.

Of these illustrations, Figure 1 is a front view of my improved calking-boot. Fig. 2 is a rear view of the same; and Fig. 3, a view of the attaching ends, shown as separated.

The several parts of the boot thus shown are designated by letter-reference, and the function of the parts is described as follows:

The letter A designates the upper, or that part which covers the front and sides of the foot. This part A is slightly drawn in at  $r^2$  to cover the top of the hoof, and at the top edge is beaded for strength, as indicated at  $b$ .

At the rear of the boot the latter is cut away on an incline, as indicated at I, to produce the lapping ends  $E'$   $E^2$ . The under one of these ends is made with a projecting pin,  $p$ , and boss B, arranged on the outer end of the latter. The overlapping end  $E'$  is made with an opening,  $o'$ , that is large enough to receive the boss B. The letter  $o^2$  indicates a lock-notch made in the outer side of the opening  $o'$ , adapted to receive the pin  $p$ , so that when the latter is within the lock-notch  $o^2$  the connected parts are firmly held together by the combined action of the lock-notch, the pin, and the boss on the outer end of the latter.

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

1. In a protecting boot for animal-feet, the combination of a cover of thin elastic sheet metal adapted to inclose the front and sides of the hoof and a part of the fetlock above the hoof, said cover being cut away at its rear lower edges, with the latter at their ends adapted to be sprung together so as to lap past each other, and be connected thereat by means of a boss and pin on one of the lapping ends and an opening and lock-notch on the other, substantially as and for the purposes set forth.

2. In a calking-boot, the combination of the upper or cover A, made of thin elastic sheet metal, having the form shown and described, and the lapping ends  $E'$   $E^2$ , adapted to be sprung together at the rear of the boot, so as to lap past each other thereat and connect by means of the boss B and pin  $p$  on the end  $E'$ , and the opening  $o'$  and lock-notch  $o^2$  made in the latter and upon the subtending end  $E^2$ , substantially as and for the purposes set forth.

Signed at Troy, New York, this 5th day of February, 1887, and in the presence of the two witnesses whose names are hereto attached.

JAMES B. HOYT.

Witnesses:

GEO. A. DARLEY,  
CHARLES S. BRINTNALL.