

(No Model.)

T. W. LEONARD.

HOOF PAD.

No. 323,166.

Patented July 28, 1885.

Fig. 1

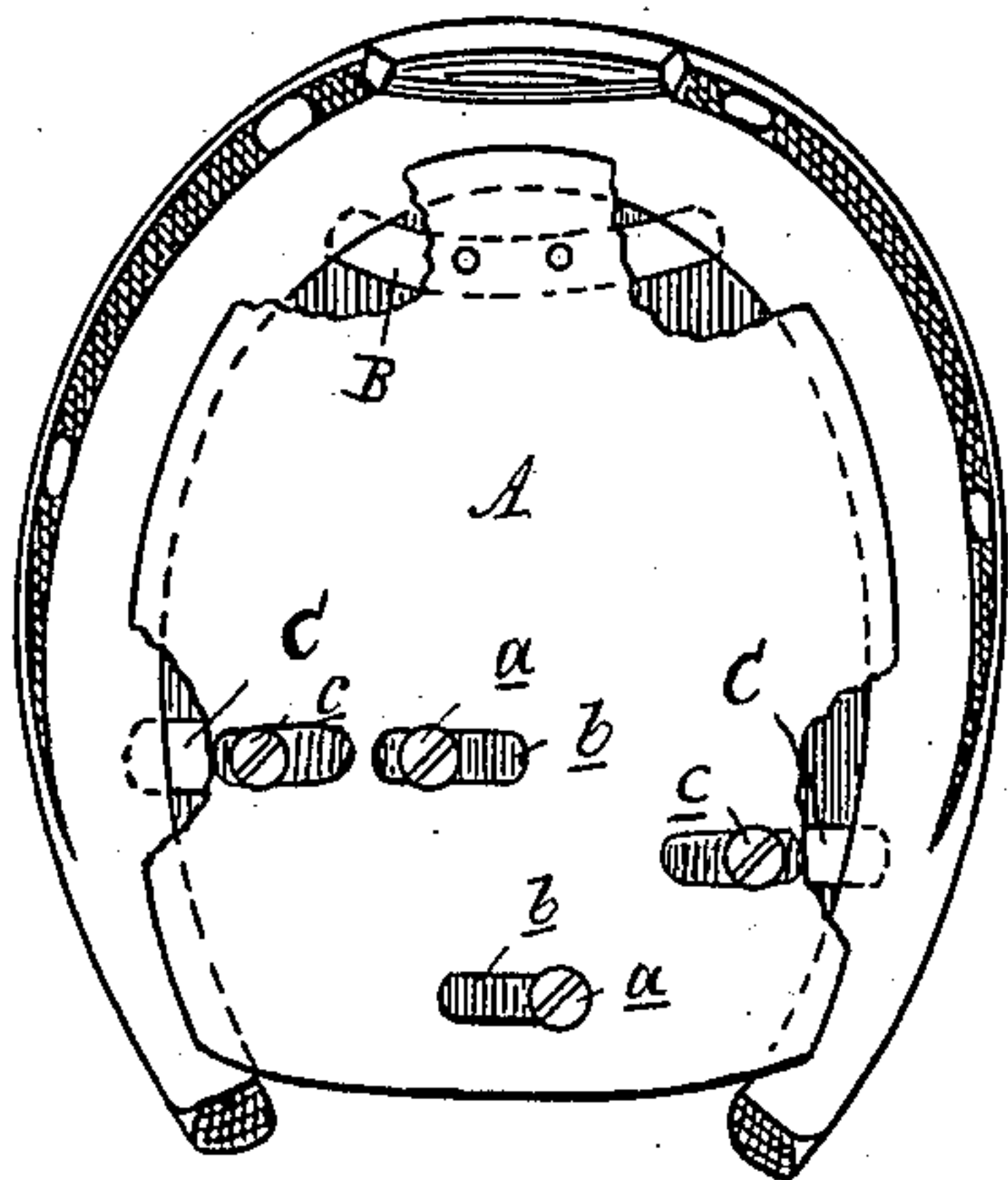
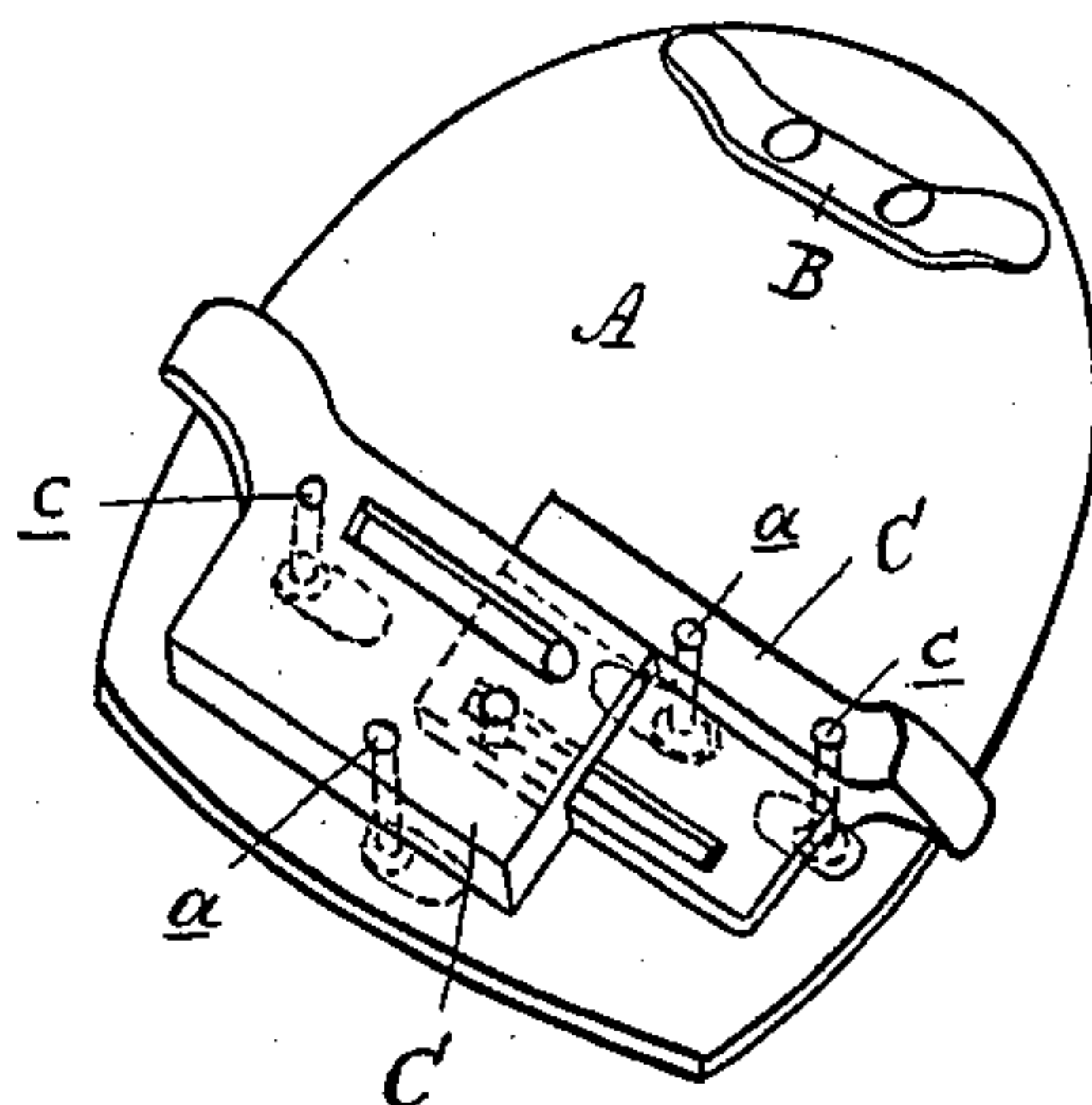


Fig. 2



Attest:
John Schuman.
J. Schuman

Inventor:
Thomas W. Leonard.
by his Atty
Wm. J. Sprague

UNITED STATES PATENT OFFICE.

THOMAS W. LEONARD, OF DETROIT, MICHIGAN.

HOOF-PAD.

SPECIFICATION forming part of Letters Patent No. 323,166, dated July 28, 1885.

Application filed March 18, 1885. (No model.)

To all whom it may concern:

Be it known that I, THOMAS W. LEONARD, of Detroit, in the county of Wayne and State of Michigan, having invented new and useful
5 Improvements in Horseshoe-Pads; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 The nature of this invention relates to certain new and novel improvements in horse-shoe-pads.

The invention consists in the peculiar construction and means employed for securing a
15 pad-plate to the bottom of a horseshoe, as more fully hereinafter set forth.

Figure 1 is a bottom plan of a horseshoe with my improvement attached thereto. Fig. 2 is a perspective of the under side of the plate
20 removed.

In the accompanying drawings, which form a part of this specification, A represents a plate which is designed to overlap the inner edges of the horseshoe between the calks.
25 Upon the rear side of this plate, and near the toe thereof, is rigidly secured a locking-bar, B, the ends of which are raised from the face of the plate a sufficient distance, so as to pass under the shoe and hold that portion of the
30 plate in place.

C are the overlapping adjustable locking bars or plates, which are secured to the plate A by means of suitable screws, *a*, which pass through slots *b* in the plate A, and are tapped
35 into the locking-plates C beneath. These plates C are secured together adjustably by means of a headed stud on each plate, which passes through a coincident slot in each plate, as shown. Each of the plates is provided with
40 a downwardly-projecting spur, which is designed to be laterally projected so as to pass

between the hoof of the animal and the shoe, and are locked in such projected positions by means of suitable screws, *c*, which pass through the holes in the plate and are tapped into the
45 locking adjustable plate C beneath.

In practice the plates C are retracted sufficiently so that the plate A may be placed upon the shoe, the locking-bar B engaging beneath the shoe at the toe. The plates C are
50 then projected until their spurs engage between the shoe and the hoof, when they are secured to place by the screws *c*. If desired, the locking-plates C may be of sufficient thickness so as when in place to come in contact
55 with the frog, although such is not essential in all cases. By the employment of a pad of this character the liability of "balling" with snow is entirely avoided, as there are no places
60 exposed in which the snow can pack.

In case it is desired to "pack" the foot, the desired "packing" may be used and will be retained in place by the employment of this
65 pad-plate, without the necessity of doing the animal's foot up in an unsightly boot.

What I claim as my invention is—

1. In combination with a horseshoe, a plate, A, provided with a stationary locking-bar near its toe and adjustable locking-plates near the heel, substantially as and for the
70 purposes set forth.

2. In combination with a horseshoe, the plate A, provided with the rigid locking-bar B, and adjustable locking-plates C, when constructed, arranged, and operating substantially in the manner and for the purposes set
75 forth.

THOMAS W. LEONARD.

Witnesses:

H. S. SPRAGUE,
E. J. SCULLY.