

(No Model.)

G. H. CRAM & R. A. WHEELER.  
FOOT PAD FOR HORSES.

No. 584,769.

Patented June 22, 1897.

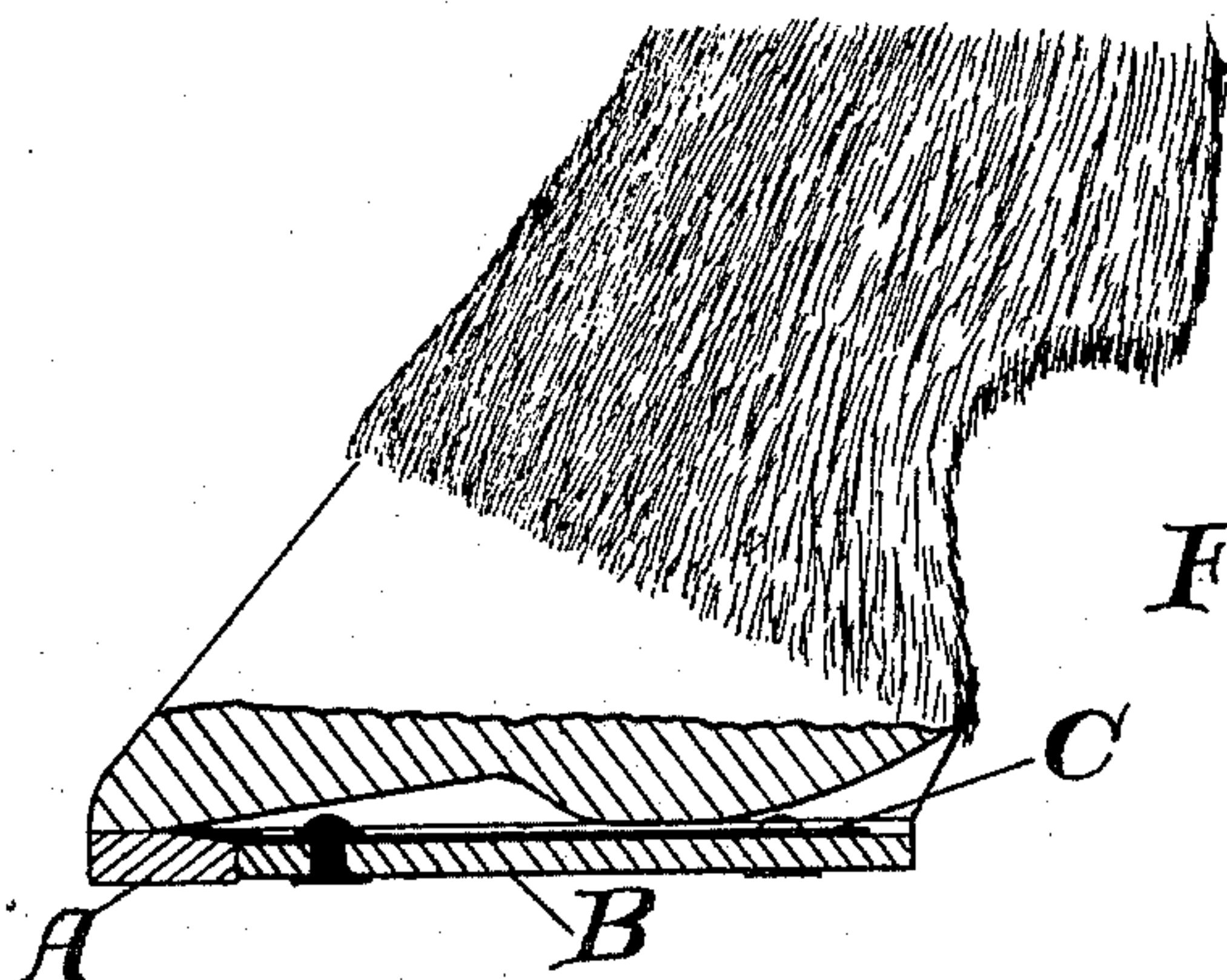


Fig. 1.

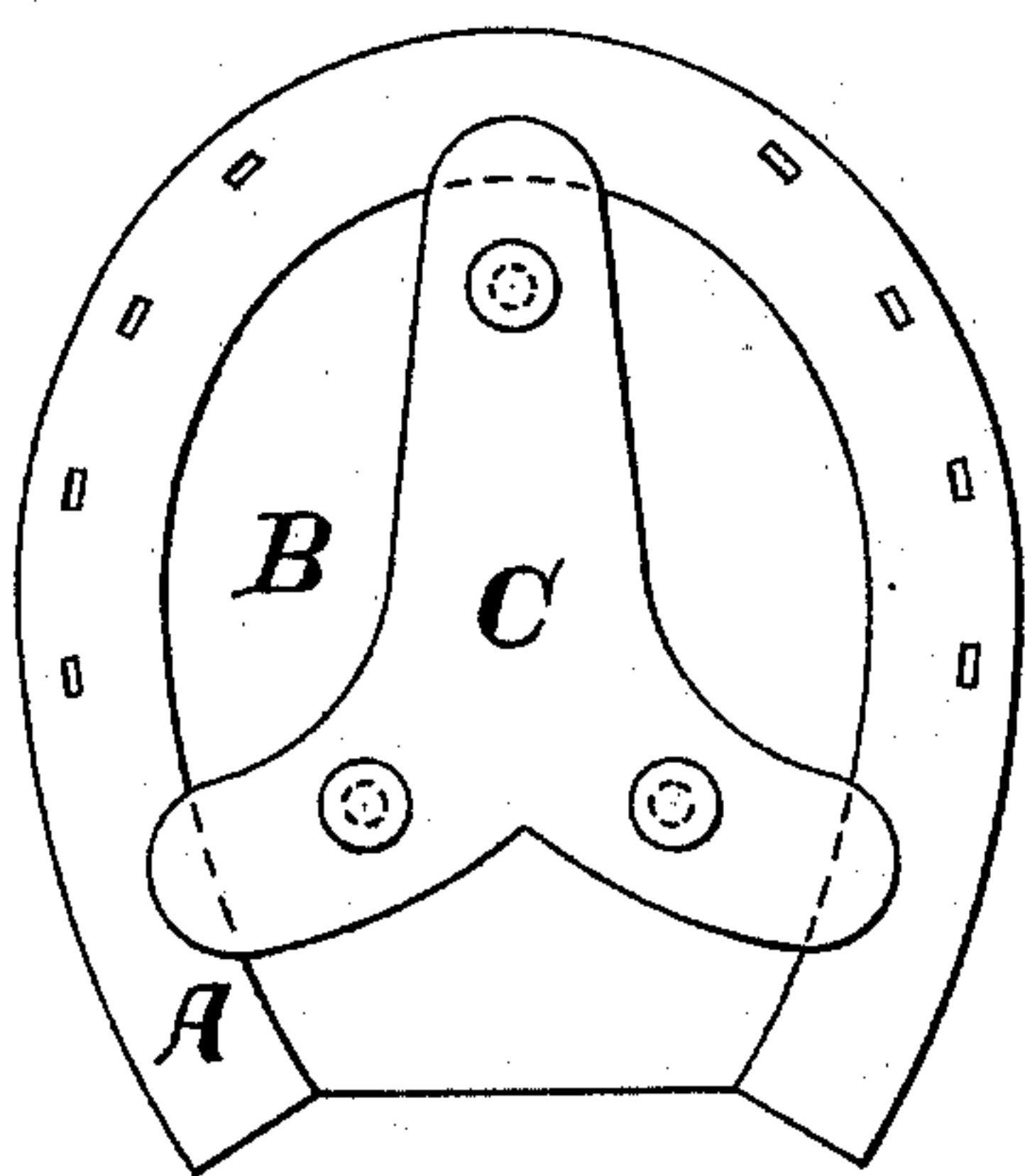


Fig. 2.

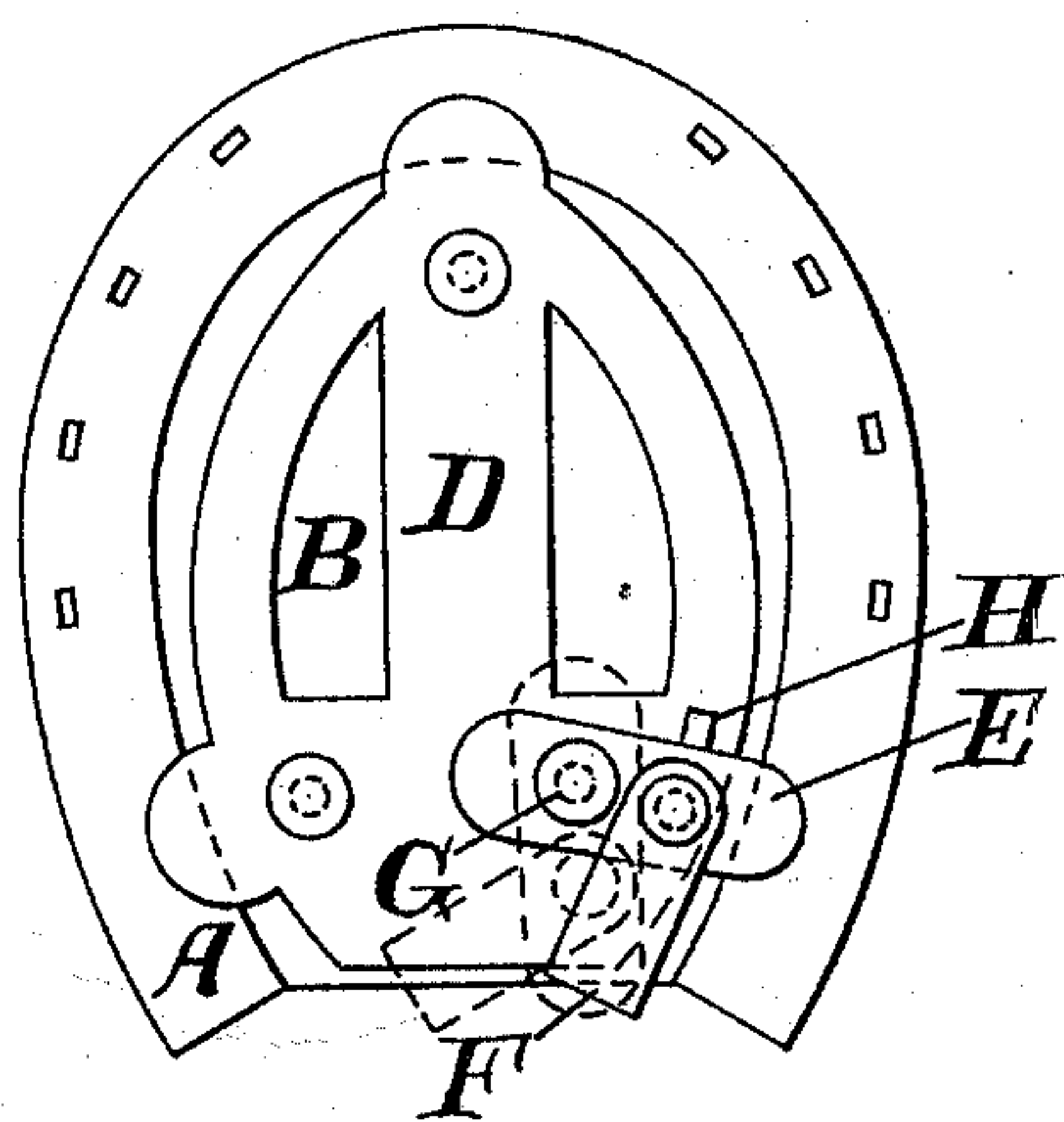


Fig. 3.

Witnesses  
Frank E. Hobart  
J. B. Dow.

Inventors  
George Norman Cram  
Robert Allen Wheeler

# UNITED STATES PATENT OFFICE.

GEORGE HOMER CRAM AND ROBERT ALVA WHEELER, OF BELOIT,  
WISCONSIN.

## FOOT-PAD FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 584,769, dated June 22, 1897.

Application filed December 16, 1896. Serial No. 615,930. (No model.)

*To all whom it may concern:*

Be it known that we, GEORGE HOMER CRAM and ROBERT ALVA WHEELER, citizens of the United States, residing at Beloit, in the county of Rock and State of Wisconsin, have invented a new and useful Improvement in Foot-Pads for Horses, of which the following is a specification.

Our invention relates to foot-pads for horses, which have for one of their general objects to prevent the accumulation of snow and other foreign substances in the space inclosed by the horseshoe, and more particularly aims to secure a pad which may be easily inserted and removed without disturbing the shoe and which is securely locked when in place by simple and easily-manufactured devices.

A further important object is to provide an inclosed space between the pad and the lower surface of the horse's foot, wherein medicated or any desired material may be retained and quickly removed when desired.

Referring to the accompanying drawings, Figure 1 is a sectional view through the lower portion of a horse's foot and through the shoe and pad. Fig. 2 is a view of the shoe and pad in their relative position, looked at from the side next the horse's foot and showing one device for holding the pad in place. Fig. 3 is a similar view showing other and preferred means for holding the pad in place.

Like letters refer to similar parts.

A piece of leather or other material B is shaped to fit rather closely within the horseshoe A, so as to cover all the lower surface of the foot not covered by the shoe. Attached to said piece B by rivets or other means, on the side next the foot, is a piece of sheet metal C or D, having projections extending beyond piece B and into the small space between the shoe and the hoof. These projections securely retain the pad B in position. In Fig. 2 three of these projections are shown, all integral parts of the single piece C. In Fig. 3, which is the preferred form, the sheet-metal piece D has two such projections integral with itself and a third one, E, made so that it can be

withdrawn or inserted when the pad is in place. As shown in Fig. 3, this movable projection is pivoted at G and can be withdrawn into the position shown in dotted lines by means of link F, which is pivoted to E and which link at all times extends a little beyond piece B. H is a stop to prevent further inward movement of piece E. The plate D is shaped to conform approximately to the outline of the pad, in order to serve the further purpose of supporting the more flexible material of piece B.

In applying the pad shown by Fig. 2 it may be done when the shoe is put on or after the shoe is on by bending up one of the two projections nearest the open end of the shoe, inserting the two remaining projections, and then driving down the bent one, straightening it out at the same time it is driven to place. This style is intended for continuous wear without removing.

In applying the pad shown by Fig. 3 the two solid projections are first inserted under the shoe. The pad is then pushed into place. Then the movable projection E is swung about its pivot and pushed into place against the stop H. To remove the pad, link F is grasped with a suitable tool and drawn out, and this swings the projecting piece E out of engagement with the shoe and permits the easy removal of the pad.

It is obvious that medicated or other desired material can be retained in close contact with the entire lower surface of the foot and be quickly and conveniently removed when desired by removing the pad, as described.

What we claim, and desire to secure by Letters Patent, is—

1. A foot-pad for horses, consisting of a piece B shaped to fit within a horseshoe and to cover all of the lower surface of the foot not covered by said shoe, a second piece D attached to the first and having portions engaging with the shoe, a movable projection E attached to the piece D and adapted to be brought into engagement with the shoe after the pad is in place, for the purpose of retain-



ing said pad in position, substantially as described.

2. A foot-pad for horses, consisting of a sheet of leather or other material B shaped to  
5 fit within a horseshoe, a piece of metal D attached to said sheet B with projections engaging with said shoe, a movable projection E pivoted to piece D, a link F attached to

projection E, and a stop H, substantially as described.

GEORGE HOMER CRAM.  
ROBERT ALVA WHEELER.

Witnesses:

J. B. Dow,  
J. S. Dow.