

(No Model.)

R. BROWNSON.

SWEAT PAD FASTENER FOR HARNESS.

No. 330,772.

Patented Nov. 17, 1885.

Fig. 1

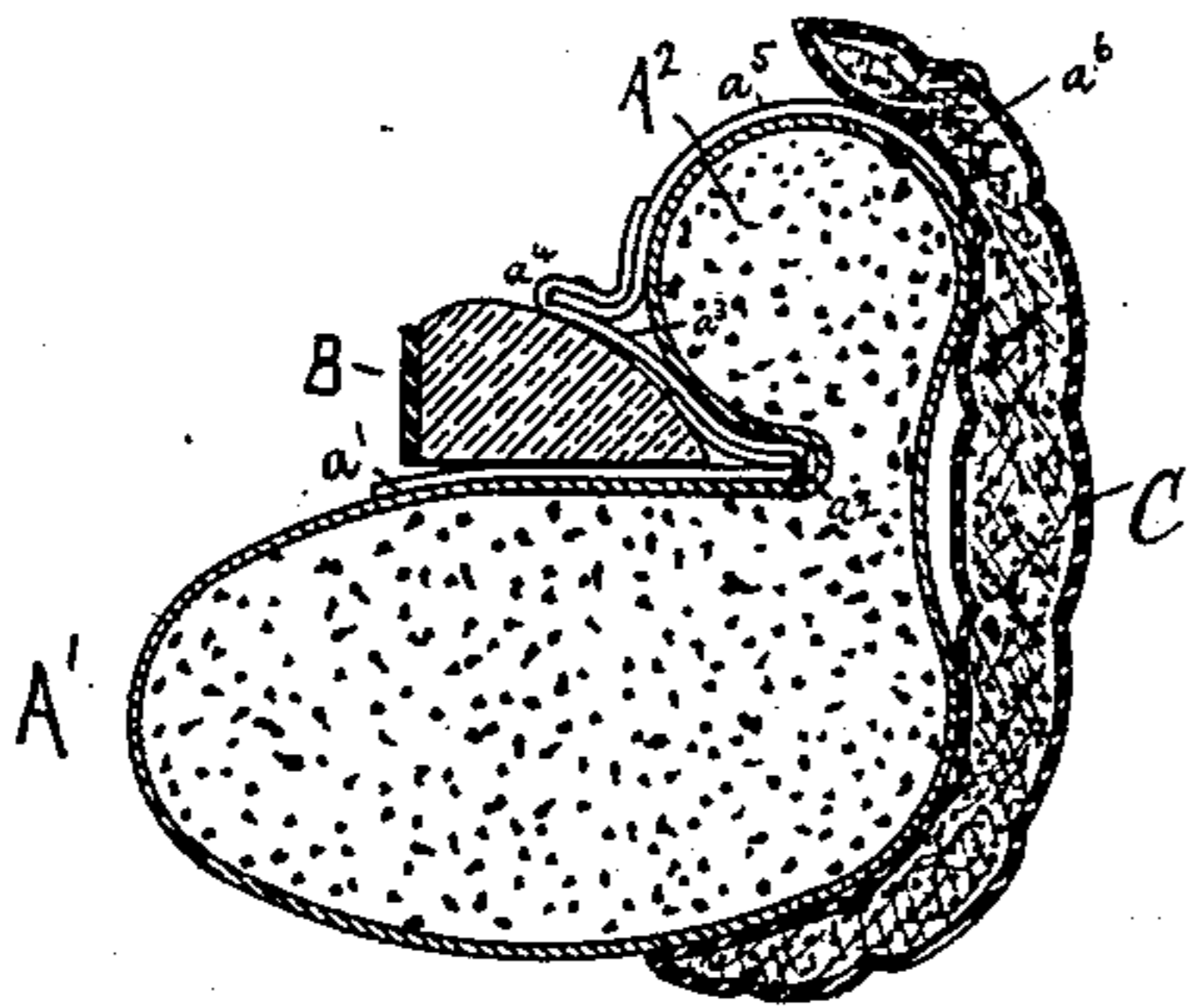


Fig. 2

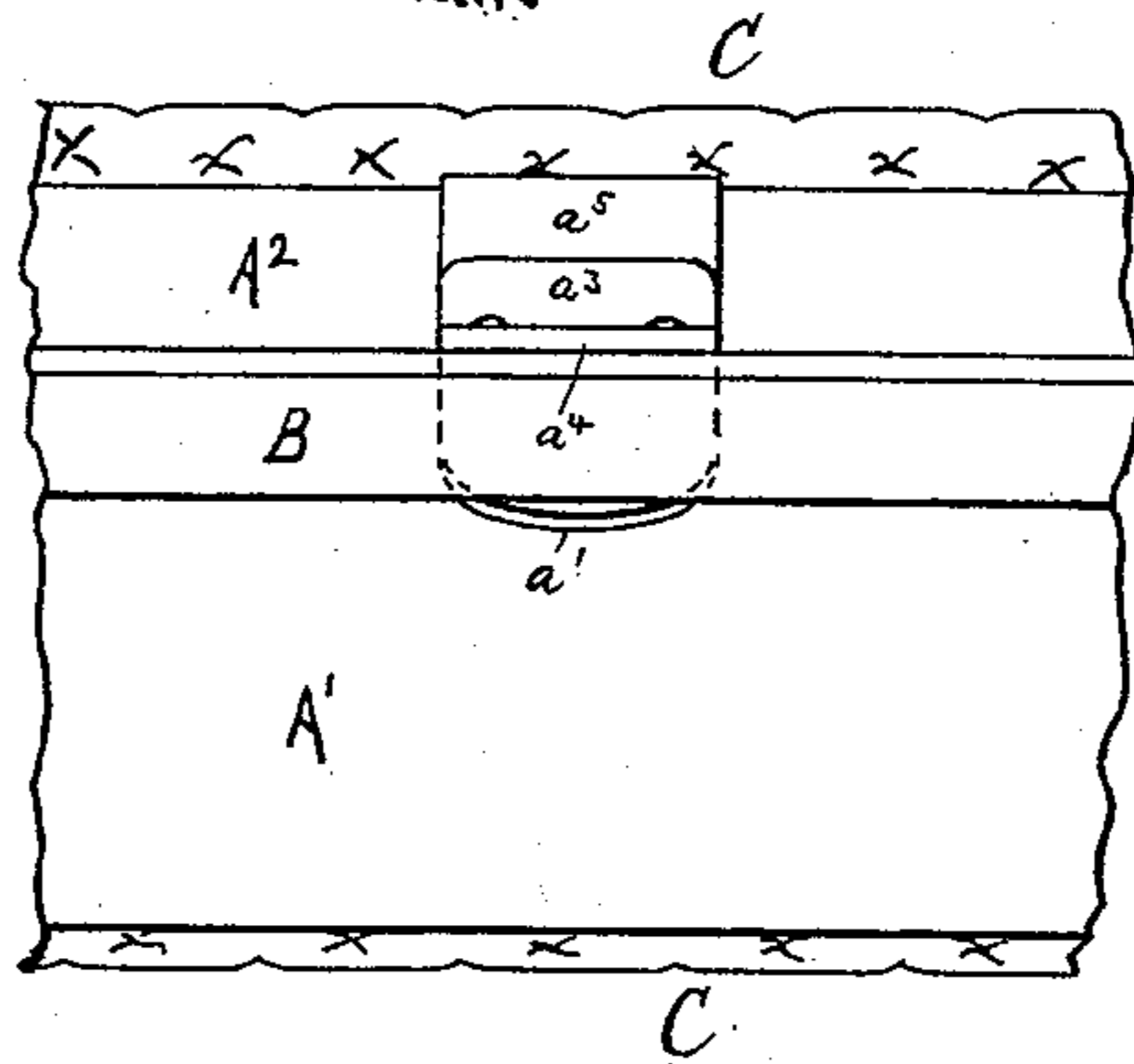


Fig. 3

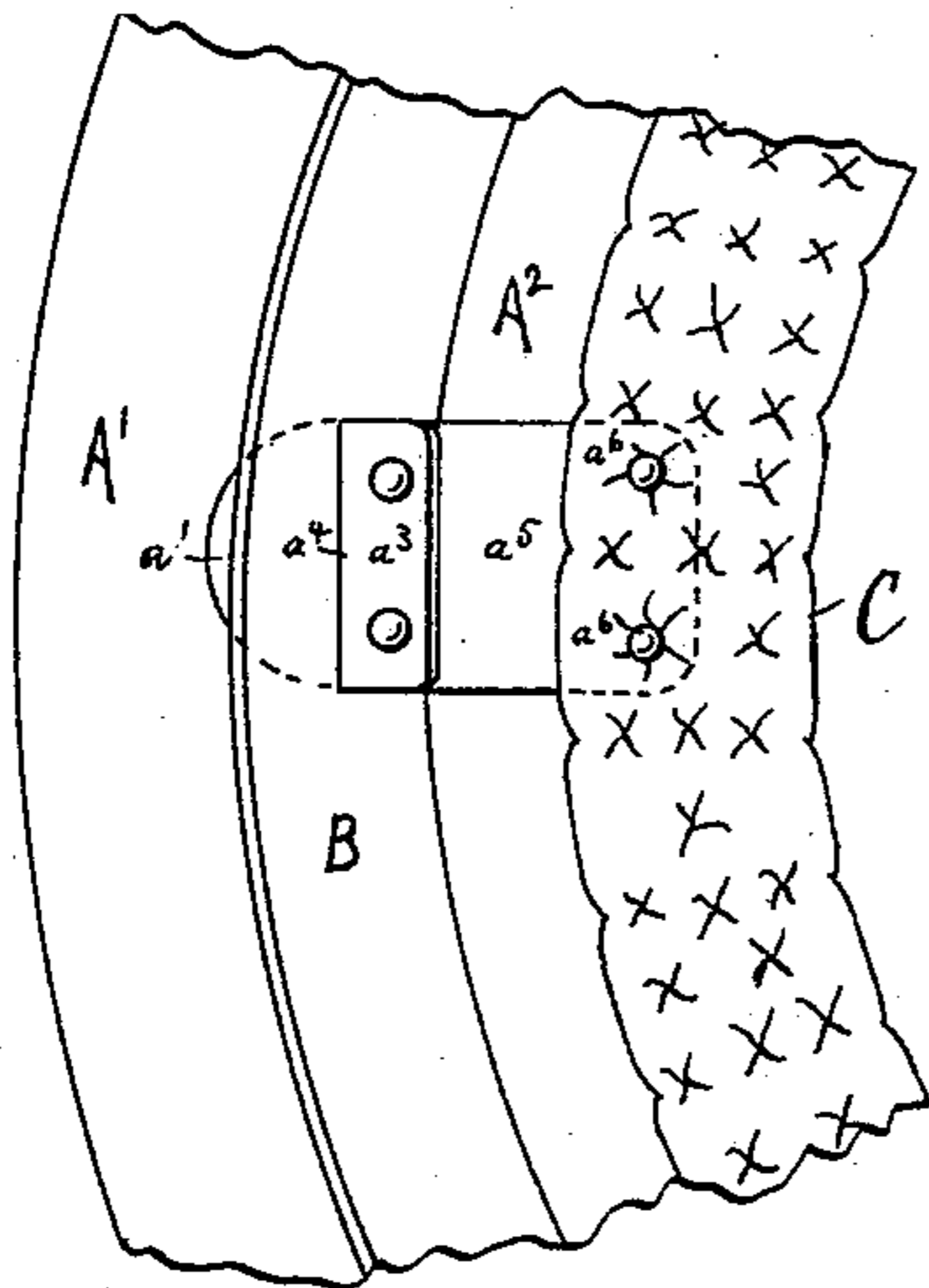
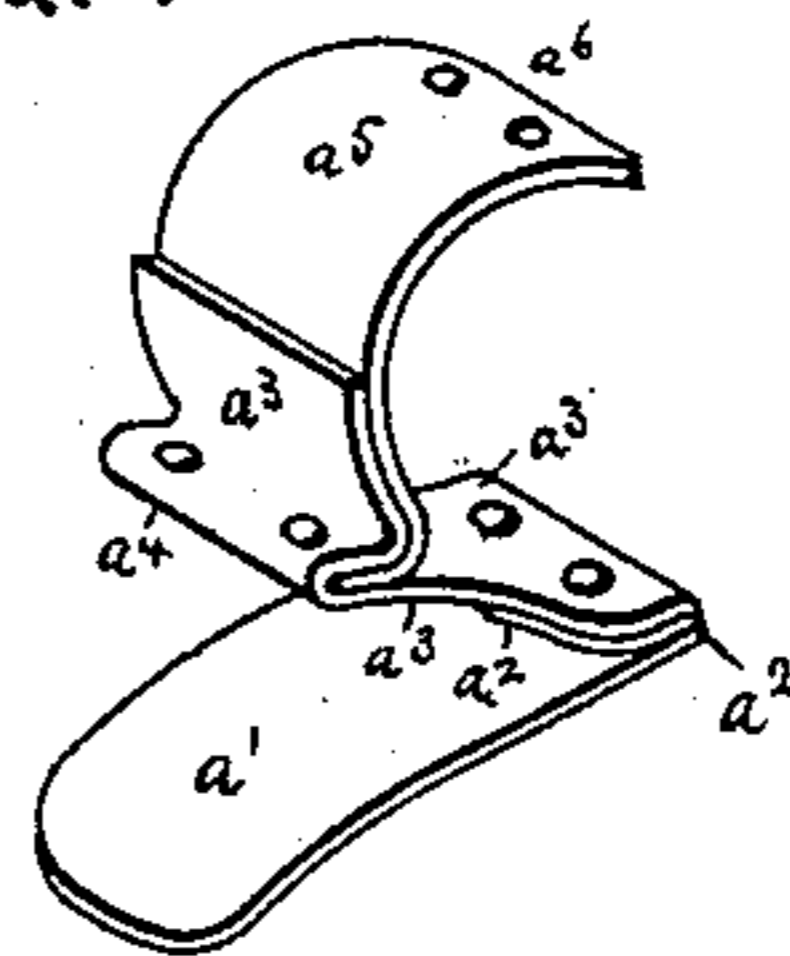


Fig. 4



WITNESSES.

C. H. Woodward.  
Louis Feeder Jr.

Ralph Brownson,  
INVENTOR. BY  
Louis Feeder Jr.,  
Atty's.

# UNITED STATES PATENT OFFICE.

RALPH BROWNSON, OF ST. PAUL, MINNESOTA, ASSIGNOR OF ONE-HALF TO  
PETER R. L. HARDENBERGH, OF SAME PLACE.

## SWEAT-PAD FASTENER FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 330,772, dated November 17, 1885.

Application filed August 14, 1885. Serial No. 174,374. (No model.)

*To all whom it may concern:*

Be it known that I, RALPH BROWNSON, a citizen of the United States, and a resident of St. Paul, in the county of Ramsey, in the State of Minnesota, have invented certain new and useful Improvements in Horse-Collar Sweat-Pad Fasteners, of which the following specification is a full, clear, and exact description, reference being also had to the accompanying drawings.

This invention relates to the sweat-pads of horse-collars; and it consists in the construction and manner of arranging the fasteners by which the pads are secured to the collars, as hereinafter shown.

In the drawings, Figure 1 is a cross-sectional view through the collar, one side of one of the hames, and one side of a sweat pad with my improved fastener shown uniting them. Fig. 2 is a side view, and Fig. 3 is a plan view, of the parts shown in Fig. 1. Fig. 4 is a perspective view of one of the fasteners detached.

A' represents the main portion or "body" of the collar; A<sup>2</sup>, the rim of the collar; B, a section of one side of the hames, and C a section of one side of the sweat-pad, all formed in the ordinary manner, the novel feature of this case consisting in the manner of constructing and arranging the fastener by which the sweat-pad is secured to the collar.

This fastener is formed entirely of leather, and consists in a small strap, a', with one end, a<sup>2</sup>, doubled back upon itself, and having riveted or otherwise suitably fastened to it at this point another strap, a<sup>3</sup>, the rivets or other fasteners passing through both the strap a<sup>3</sup> and the doubled-over portion a<sup>2</sup>, as shown. The other end of the strap a<sup>3</sup> is also doubled over at a<sup>4</sup> and riveted fast to a third strap, a<sup>5</sup>, the latter adapted to be riveted or otherwise fastened to the sweat-pad C at a<sup>6</sup>, as shown. The strap a' is intended to be placed upon the main portion A' of the collar with the part a<sup>2</sup> in the

hollow between the rim A<sup>2</sup> and the body of the collar, and with the straps a<sup>3</sup> and a<sup>5</sup> encircling the rim A<sup>2</sup>, as shown. The hame B will be placed, as shown, with the strap a' between its flat surface and the body A' of the collar, and with its angular inner edge beneath the doubled back portion a<sup>2</sup> of the strap a', and also beneath the strap a<sup>3</sup>.

The manner of forming the joints between the straps is an important feature of this invention, as they form stops or enlargements to prevent the straps being drawn out from between the hames and collar-rim, and also cause the straps to lie much more closely and snugly against the collar and rim. The overlapping of the straps also re-enforces and stiffens the fastener at the places most needed, and serves to keep the same in form to properly fit the collar.

This makes a very simple and yet complete and perfect fastener, that enables the sweat-pad to be easily and quickly attached to and detached from the collar and hames, while at the same time holding them effectually united and easily adjusted to different-sized collars and pads.

Having described my invention and set forth its merits, what I claim is—

A sweat-pad fastener consisting of the straps a' a<sup>3</sup> a<sup>5</sup>, united by overlapped joints a<sup>2</sup> a<sup>4</sup>, said strap a<sup>5</sup> being attached by one end to a sweat-pad, C, and said straps a' and a<sup>3</sup> adapted to be clamped to the collar A' A<sup>2</sup> by the pressure of the hames B, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

RALPH BROWNSON.

Witnesses:

LOUIS FEESER, Jr.,  
HENRY E. RANDALL.