

(No Model.)

T. MORGAN.  
QUARTER BOOT.

No. 524,555.

Patented Aug. 14, 1894.

FIG. 1.

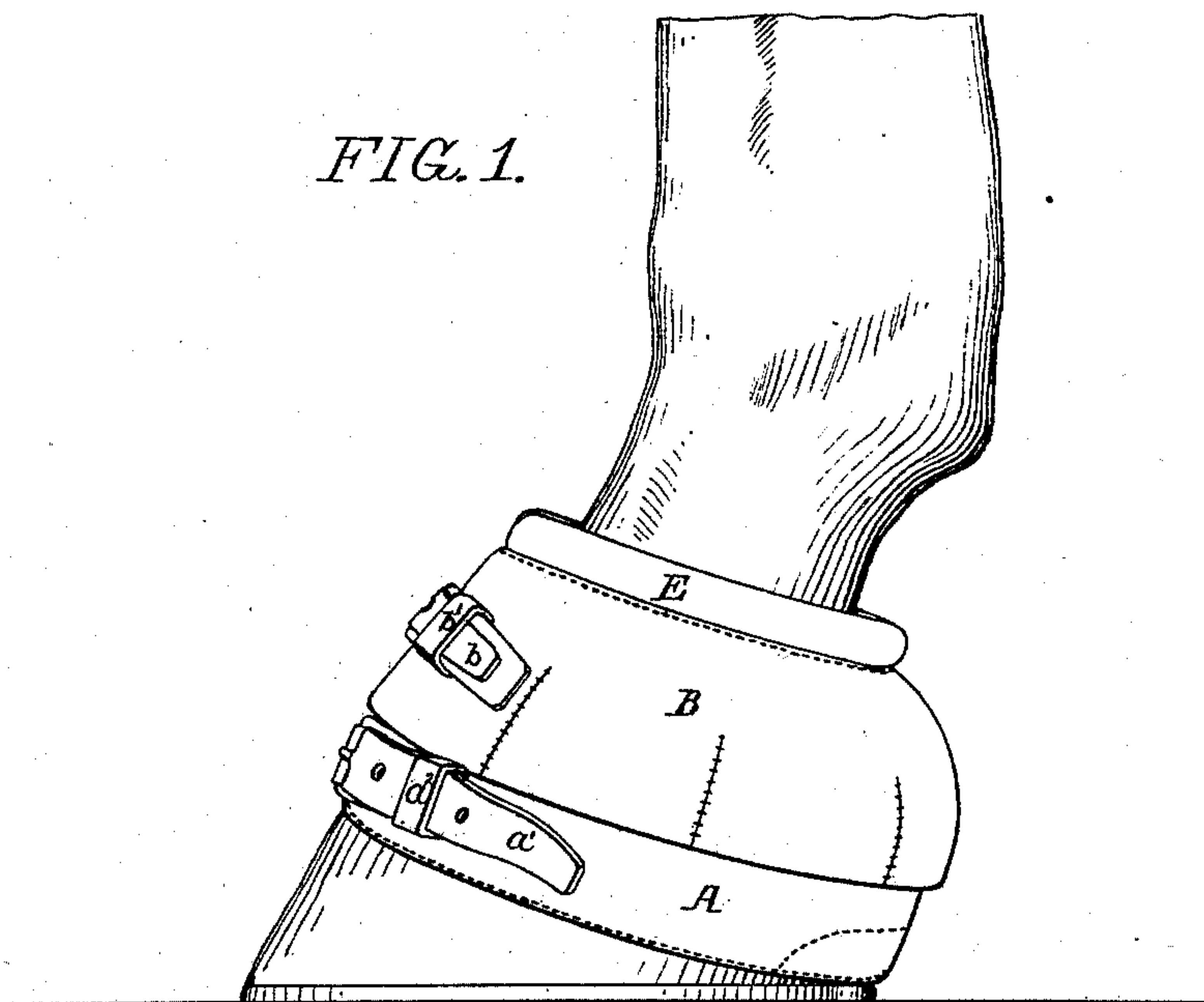


FIG. 2.

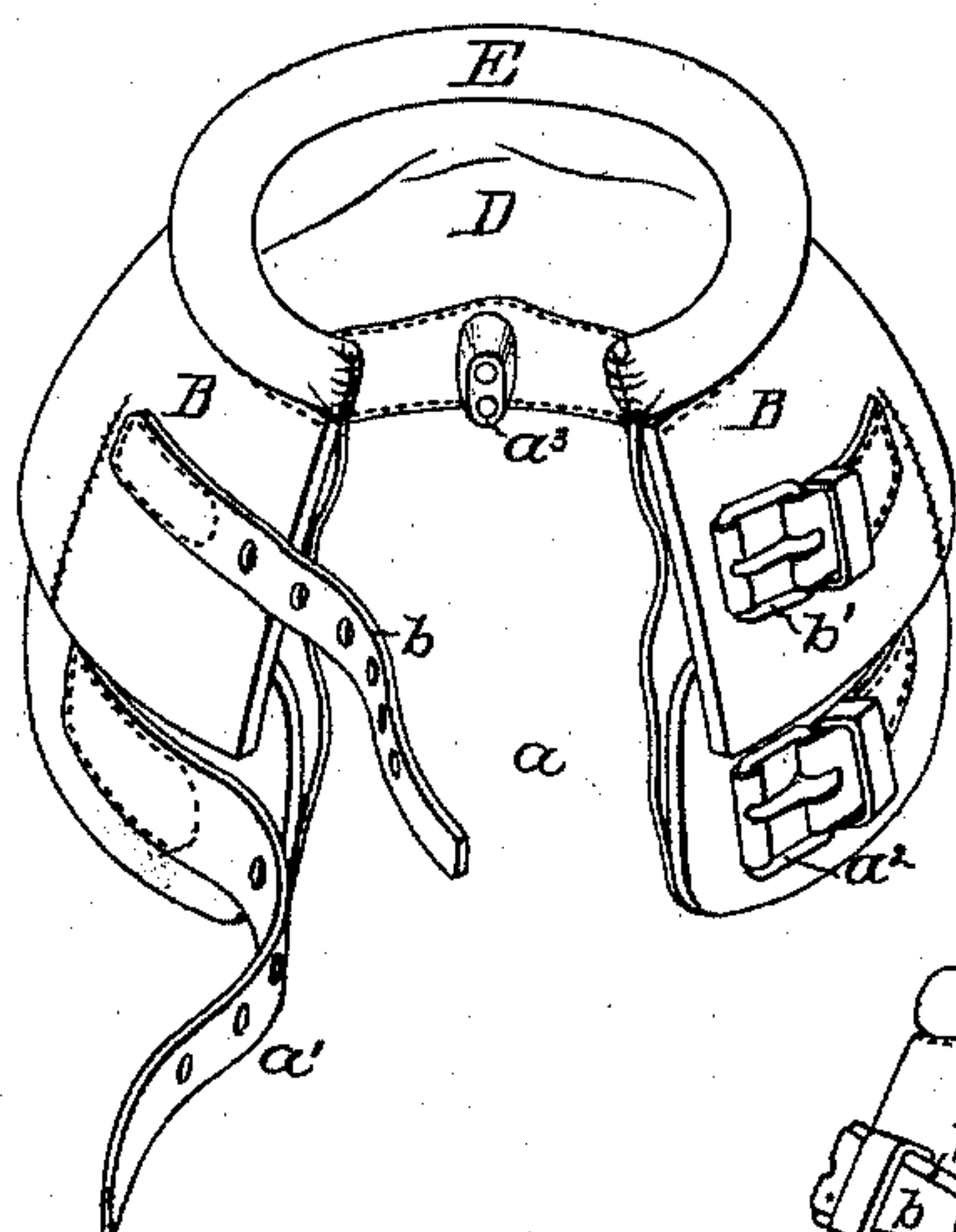


FIG. 3.

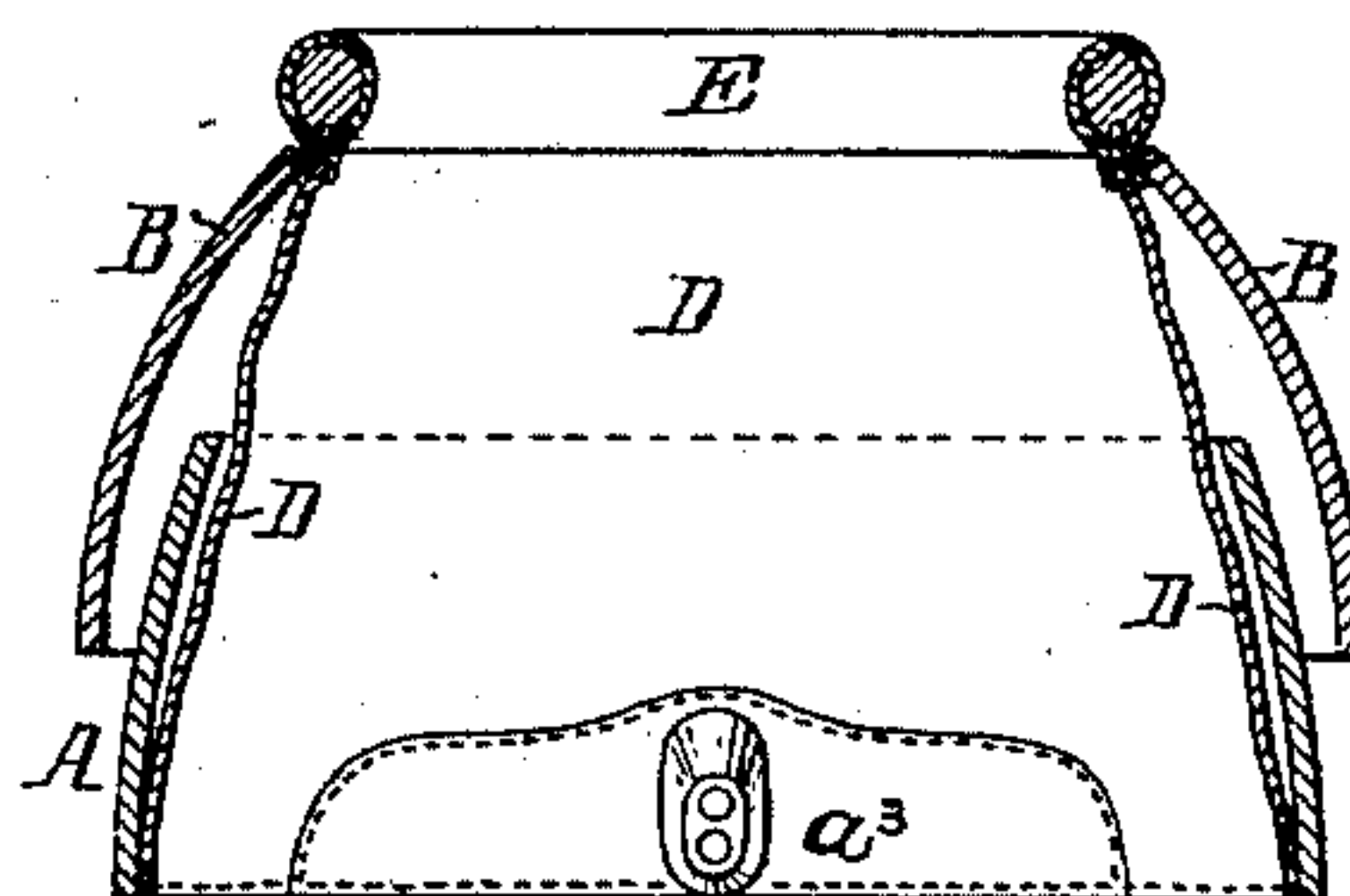
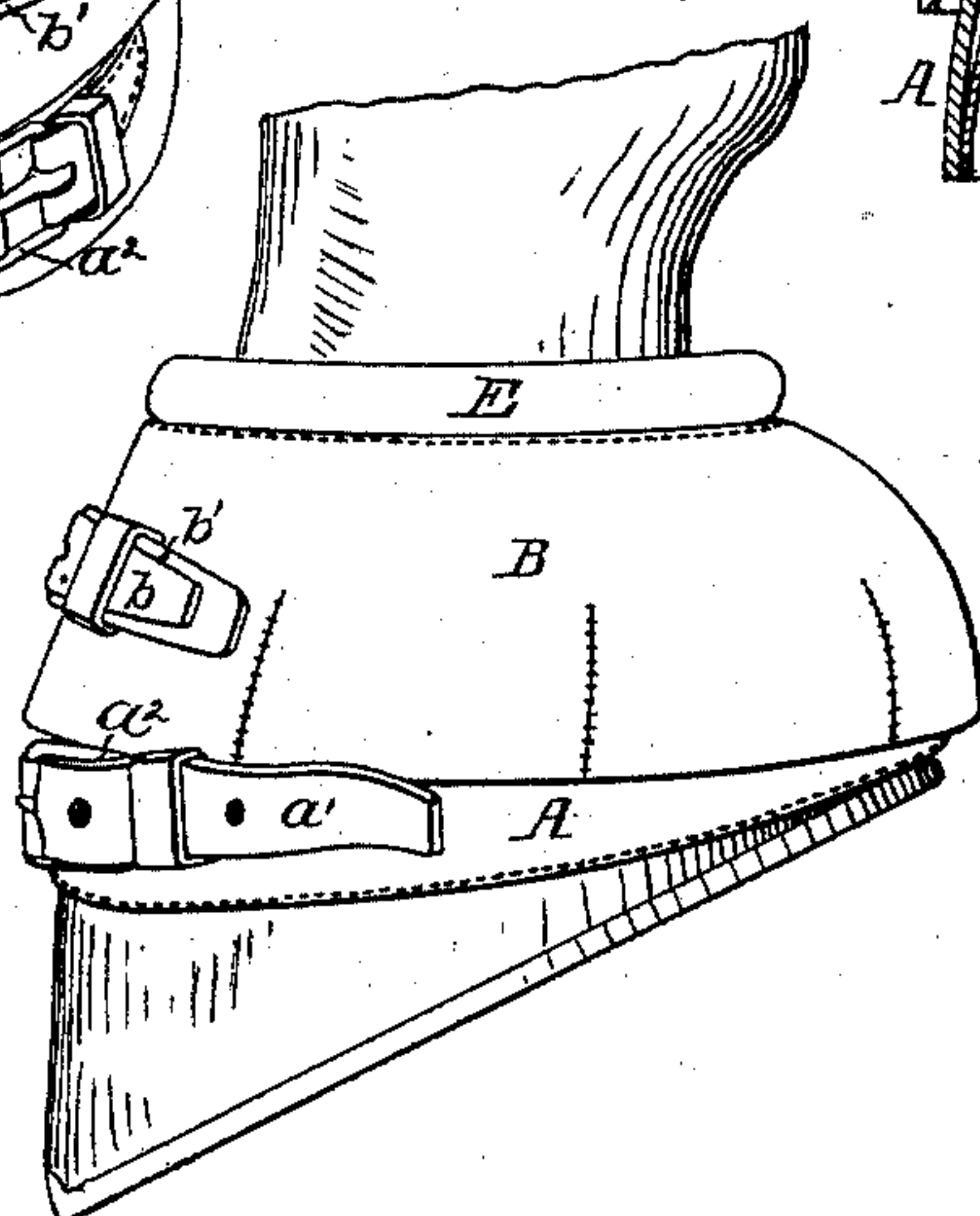


FIG. 4.



Witnesses:  
G. D. Goodwin  
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# UNITED STATES PATENT OFFICE.

THOMAS MORGAN, OF PHILADELPHIA, PENNSYLVANIA.

## QUARTER-BOOT.

SPECIFICATION forming part of Letters Patent No. 524,555, dated August 14, 1894.

Application filed September 28, 1893. Serial No. 486,720. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS MORGAN, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain  
5 Improvements in Quarter-Boots for Horses, of which the following is a specification.

The object of my invention is to improve the construction of quarter boots for horses so that the boot, when in position upon the  
10 hoof, will yield readily and at the same time will not be liable to become detached and torn by the other hoof interfering.

Referring to the accompanying drawings:—  
Figure 1, is a side view showing the boot in  
15 position upon a horse's hoof. Fig. 2, is a perspective view of the boot detached. Fig. 3, is a sectional view of the boot; and Fig. 4, is a view showing the upper section of the boot crowded down upon the lower section.

20 The quarter boot is adapted to the forefoot of a horse, as shown in Fig. 1, so as to prevent the horse from interfering, the boot is ordinarily made in a single piece, but boots have been made in two parts which were connected together by rivets or by a small hinge  
25 piece at the back of the boot, which would soon tear apart making the boot useless.

By my invention I can make a two part boot in such a manner that one part can move  
30 independent of the other, but which will be strong and not liable to tear apart, at the same time the upper portion of the boot will fit snugly on the lower portion so that it will be impossible for the horse to interfere and  
35 tear the boot by the other hoof.

A is the lower section of the boot shaped as shown to conform to the shape of the horse's heel, this section is split at *a* so that it can be placed upon the hoof and is secured  
40 in position by a strap *a'* and buckle *a*<sup>2</sup>. On the back of this section is secured a lug *a*<sup>3</sup> adapted to fit into the frog of the hoof. Attached to the lower portion of the section A, preferably by stitching, is a connecting lining  
45 D of some pliable material which will readily yield, but which will be sufficiently strong to hold the two parts together, this pliable lining D extends around the entire boot thus preventing the tearing away of any portion and  
50 preventing dirt gaining access to the space between the boot and hoof. This lining D is attached to the upper portion of the upper section B of the boot, preferably by stitching, and to the padded ring E which encircles the  
55 lower portion of the pastern. The section B

and the padded ring, are split as shown in the perspective view Fig. 2, and the upper section is secured in place by the strap *b* and buckle *b'*.

The section B laps over the section A so as  
60 to protect the flexible connecting portion D and the upper section B is so shaped as to fit snugly upon the lower section A so that it will be impossible for the horse to interfere and tear the upper section.

While the outer sections A and B are stiff  
65 so as to thoroughly protect the horse still the inner connecting lining is soft and the tendency to chafe is thereby lessened.

The boot can be adapted to fit any hoof de-  
70 sired and can be readily removed by simply unbuckling the parts after which the boot can be slipped from the hoof.

The upper section of the boot may be made with seams, as shown, or the leather may in  
75 some instances be steamed and pressed into shape by dies.

I claim as my invention—

1. The combination in a quarter boot for horses, of the stiff lower section adapted to be  
80 mounted upon the hoof of a horse and a stiff upper section, overlapping the lower section and adapted to be secured above the hoof, means for securing the sections to the hoof, with a pliable lining extending around the  
85 entire boot and secured to the lower section and to the upper edge of the upper section whereby the sections are free to telescope without chafing the horse or without admitting dirt between the boot and hoof, substan-  
90 tially as described.

2. The combination in a quarter boot for horses, of the pliable lining D extending around the entire boot, with a stiff lower section A secured to the lower edge of the lining,  
95 and a pad E secured to the upper edge thereof, a stiff upper section B also secured to the upper edge of the lining and overlapping the lower section A, a lug *a*<sup>2</sup> on said lower section and straps adapted to secure the sections  
100 independently to the hoof, substantially as described.

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

THOMAS MORGAN.

Witnesses:

MURRAY C. BOYER,  
JOSEPH H. KLEIN.