

(No Model.)

D. B. BLESER.

INTERFERING PAD FOR HORSES.

No. 326,010.

Patented Sept. 8, 1885.

Fig. 1.

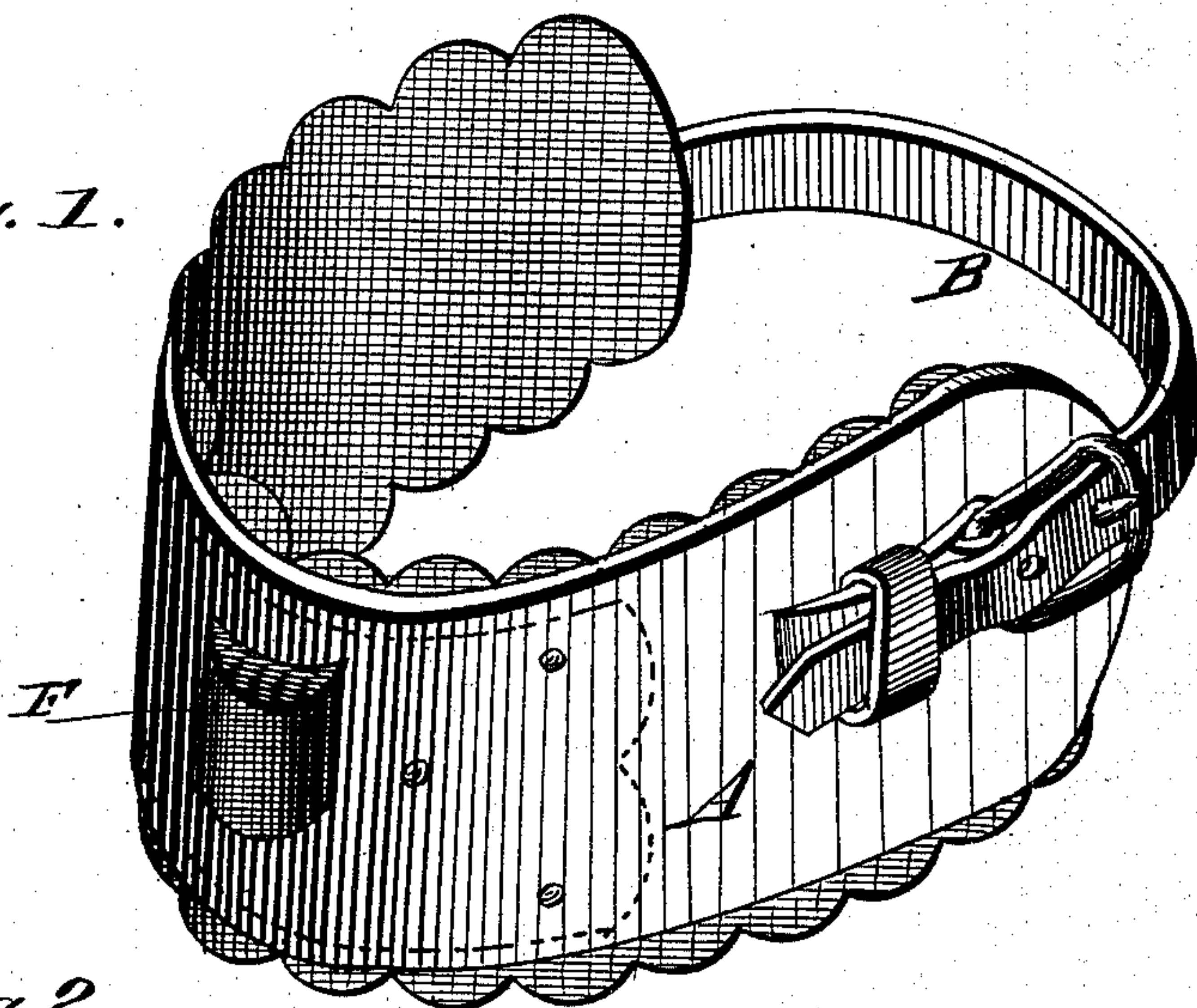


Fig. 2.

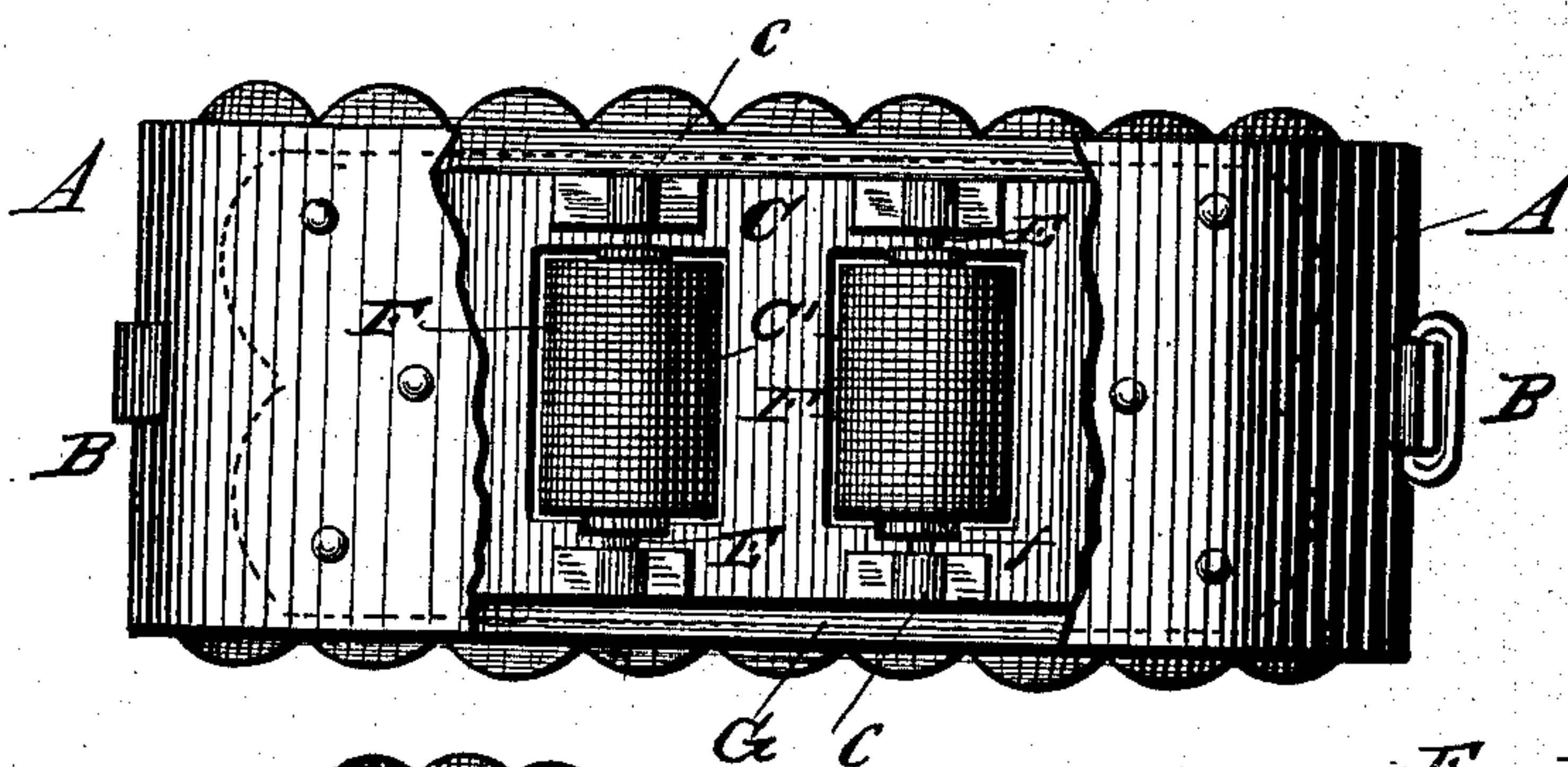


Fig. 3.

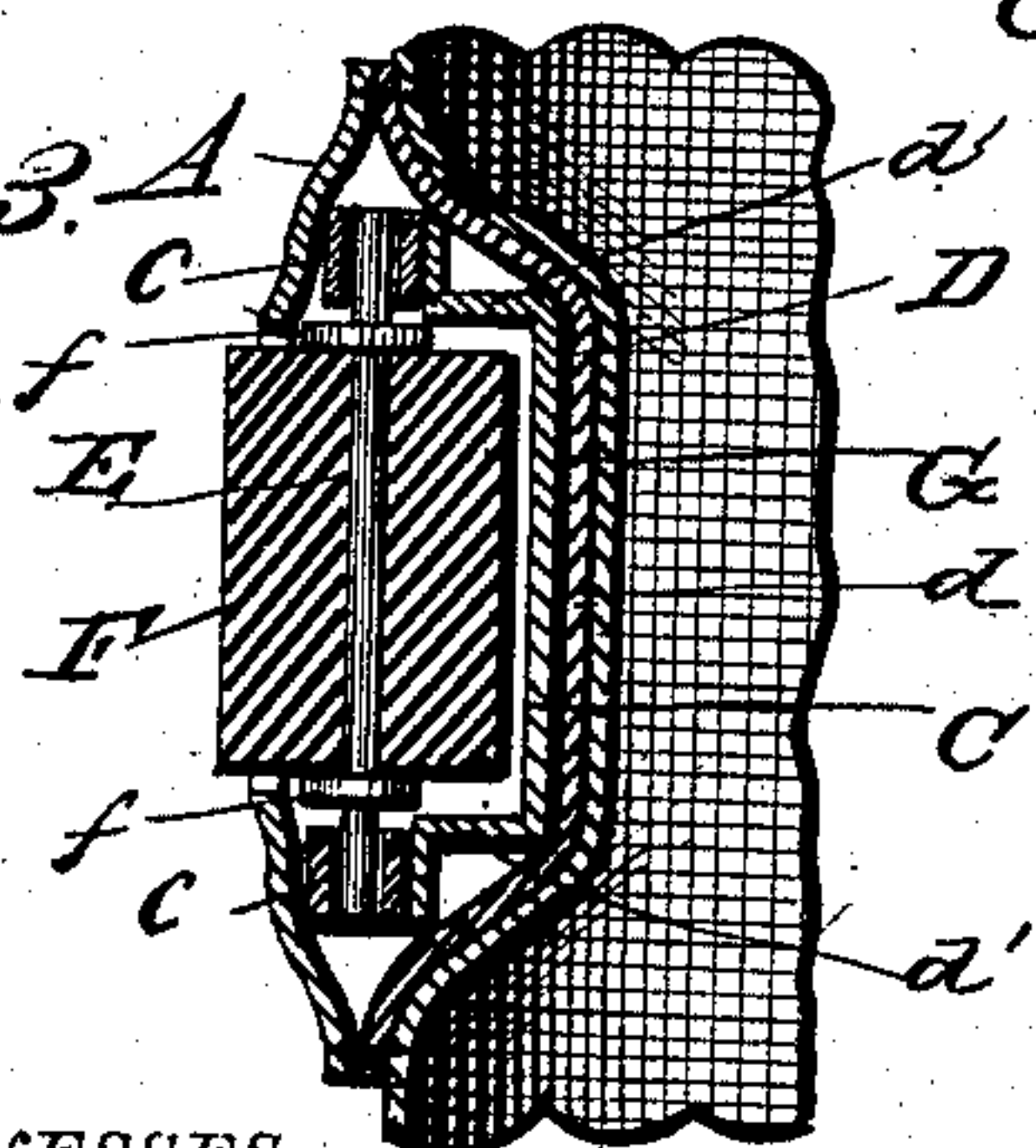
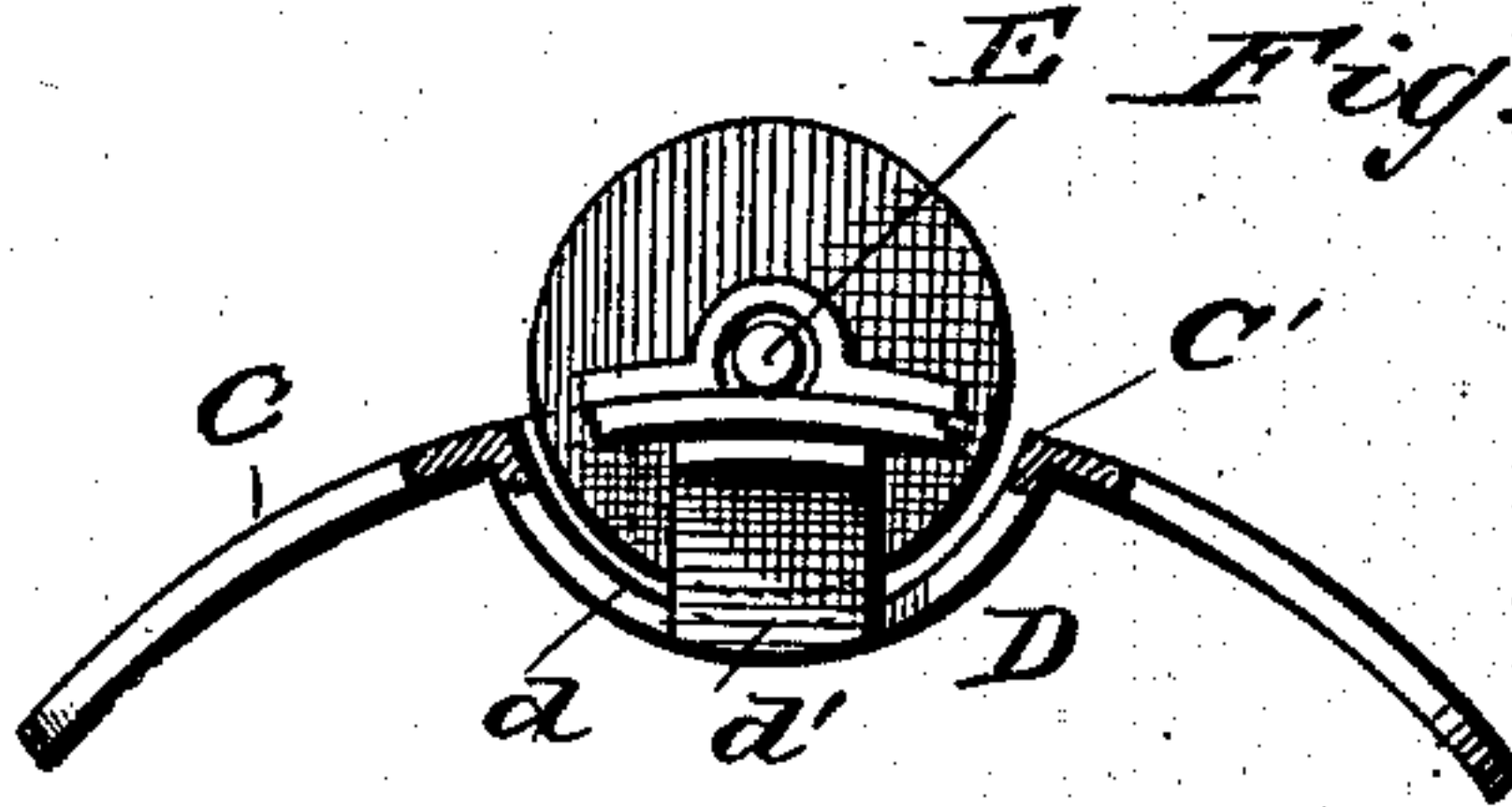


Fig. 4.



WITNESSES

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INTERFERING-PAD FOR HORSES.

SPECIFICATION forming part of Letters Patent No. 326,010, dated September 8, 1885.

Application filed May 5, 1885. (No model.)

To all whom it may concern:

Be it known that I, DANIEL B. BLESER, of Manitowoc, in the county of Manitowoc and State of Wisconsin, have invented certain new and useful Improvements in Interfering-Pads for Horses; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to interfering-pads for horses, the object being to provide a pad of novel construction having a roller to serve as the contact-surface.

The invention consists in a combination, with an interfering-pad, of a roller so arranged as to constitute the contact-surface of the pad.

The invention further consists in the various features of construction and combination of parts hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of an interfering-pad embodying my invention. Fig. 2 is a view of a modification, with a portion of the securing-band cut away. Figs. 3 and 4 are sectional detail views.

The securing-band A (preferably of leather) is provided with the usual buckle and strap, B.

C represents a metallic plate adapted to be secured by rivets or other means to the inner side of the band A. This plate is formed with an inwardly-extending guard-frame, D, consisting of the semicircular body *d* and top and bottom strips, *d'* *d'*. The outer side of the plate C is provided with vertically-arranged journal-boxes *c c*, to receive a shaft, E, upon which is mounted a roller, F, preferably made of rubber or other yielding material. The plate C is formed with an opening, C', opposite the guard-frame D, to permit the roller to extend within said frame, and the bearings *c c* are arranged centrally above and below the opening C', as shown.

G represents an inner covering of leather, secured to the band A by stitching or rivets, and forming an inner ply for the band. Thus the plate C is practically secured between the thicknesses of a two-ply band.

The band A is provided with a lining of cloth or other suitable material.

It will be noted that the journal-boxes *c c* of the plate C are open at both ends, to prevent the accumulation of dust or dirt therein,

which might obstruct the movement of the roller-shaft.

Suitable washers, *f f*, are arranged upon the roller-shaft on each side of the roller.

As many slight alterations in the details of form and construction might be devised without departing from the spirit of my invention, I do not limit myself to all of the detail features herein described; but I reserve to myself the right to make all such modifications as may properly fall within the scope of the following claims.

I am aware that heretofore an interfering-pad has been used consisting of horizontally-arranged rings secured together by inclined rods, which latter serve as axles for rubber tubes or rollers; but my invention is distinguished from such a pad by the projection of the rollers F laterally beyond the securing-strap, so that said rollers will be readily struck.

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

1. In an interfering-pad, the combination, with the securing-strap, of a metallic plate formed with bearings and a roller whose shaft or axle is supported in said bearings, substantially as set forth.

2. In an interfering-pad, the combination, with the securing strap or band, of a plate formed with an inwardly-extending guard-frame and provided with bearings, and a roller mounted upon a shaft supported in said bearings, substantially as set forth.

3. The combination, with the securing band or strap of an interfering-pad, of a metallic plate secured to said band or strap, a roller mounted upon a shaft adapted to revolve in bearings of said plate, and a suitable lining for the band or strap, substantially as set forth.

4. The combination, with the band or strap formed of two thicknesses of material, of a metallic plate secured between said plies or thicknesses, and a roller arranged to revolve, substantially as set forth.

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

DANIEL B. BLESER.

Witnesses:

CHAS. HOYER, Sr.,
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