

J. C. BELLOFF & A. ROTH.

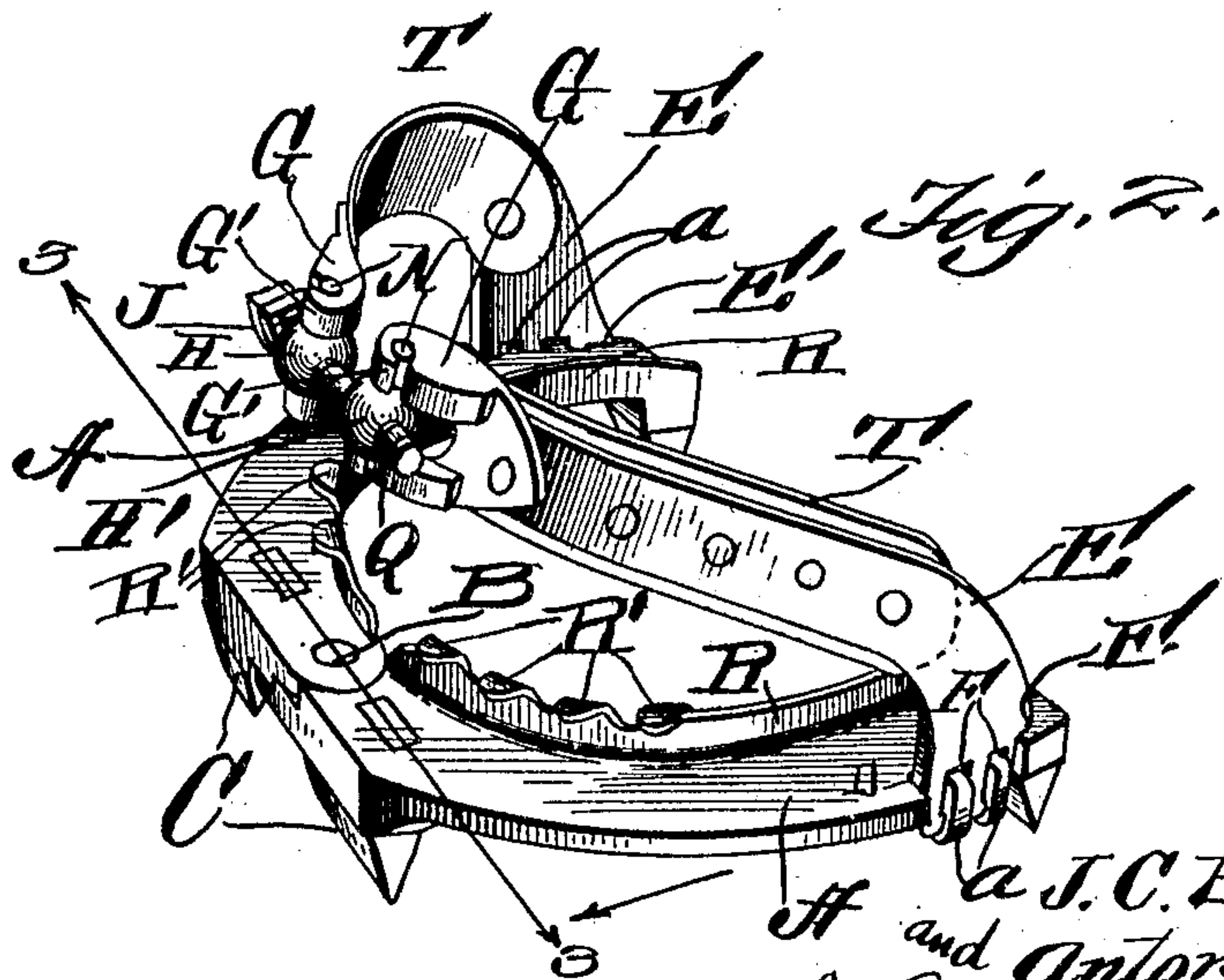
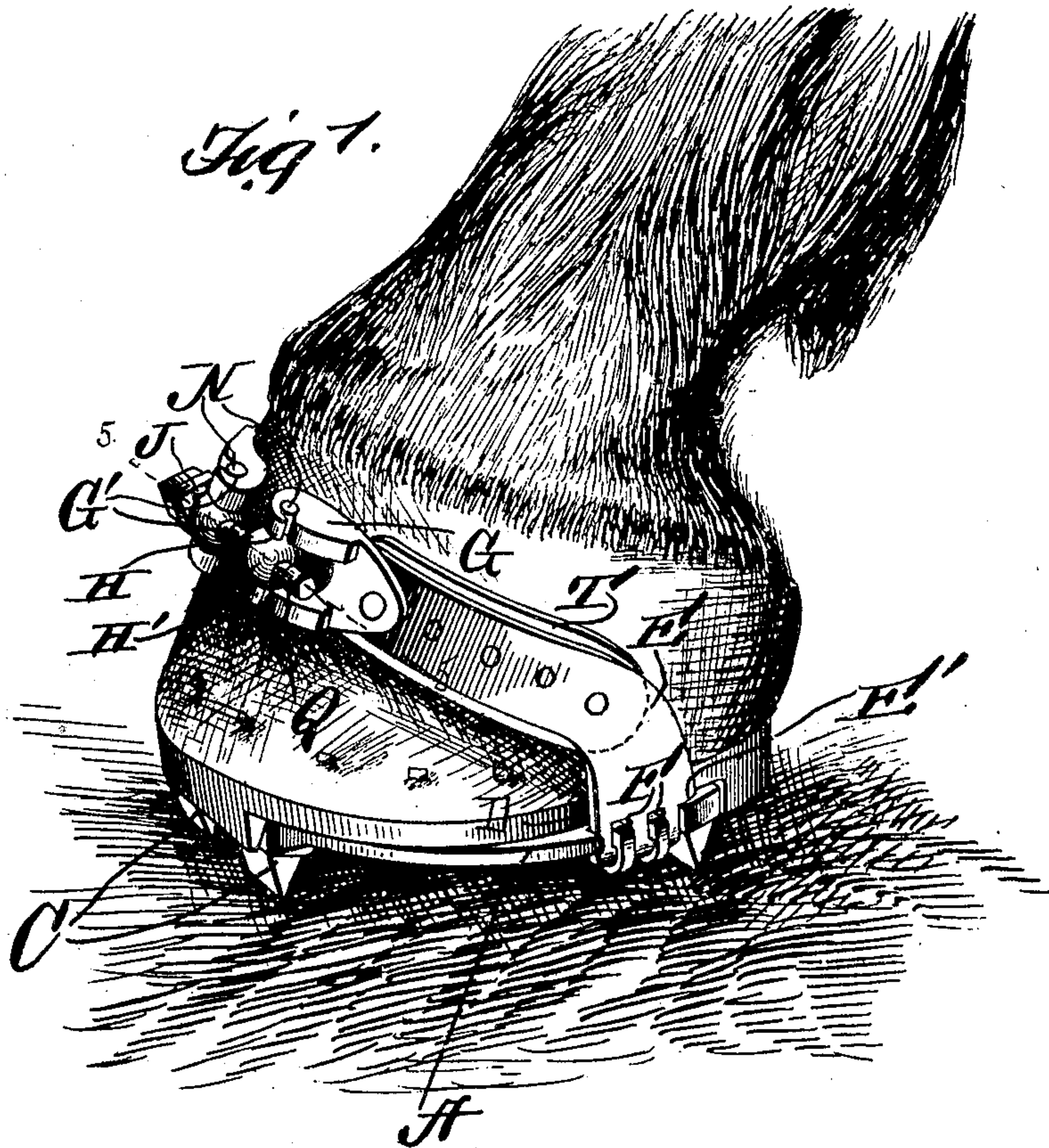
EMERGENCY HORSESHOE.

APPLICATION FILED APR. 26, 1909.

Patented June 22, 1909.

925,982.

2 SHEETS—SHEET 1.



Witnesses

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Fig. 3.

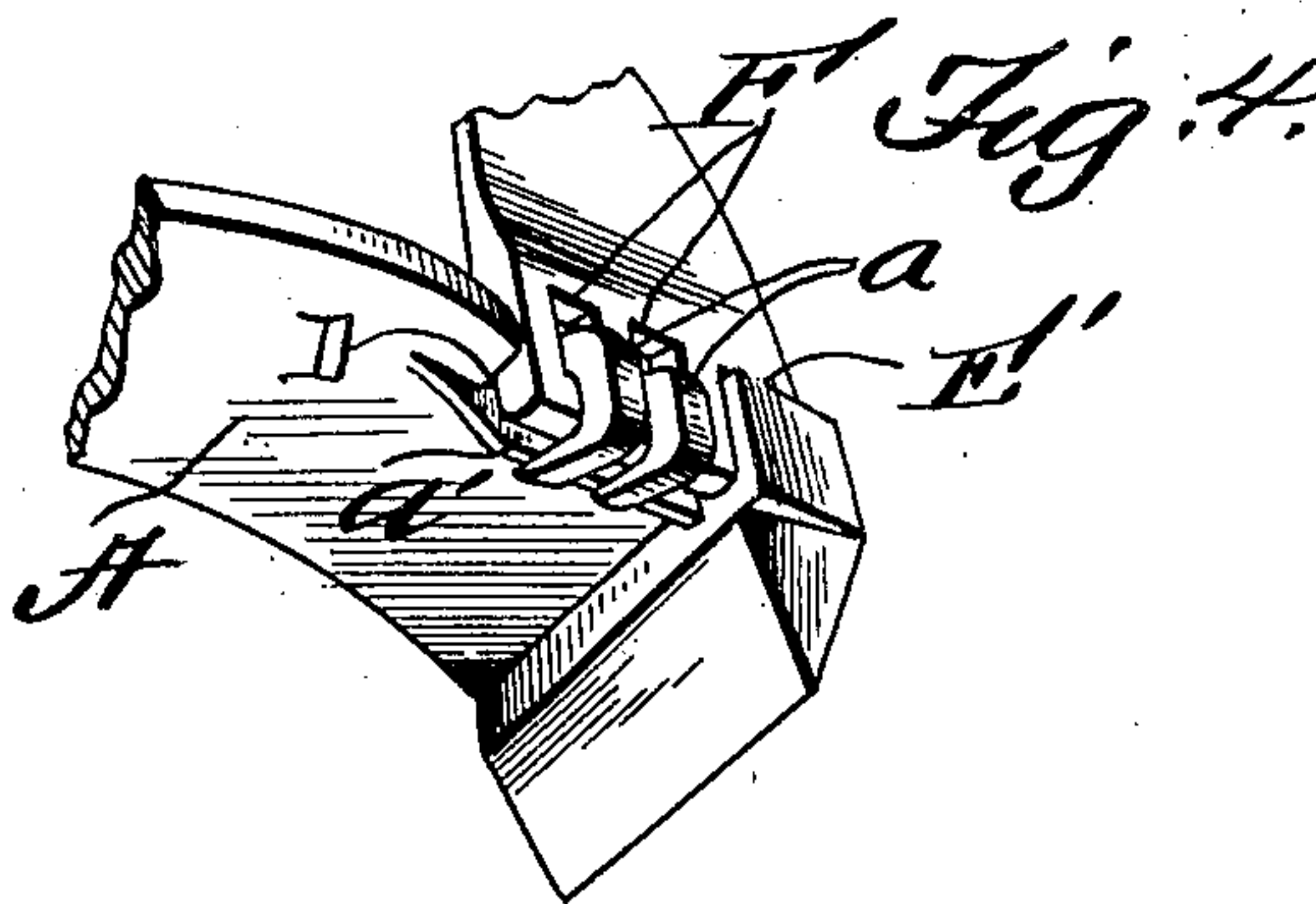
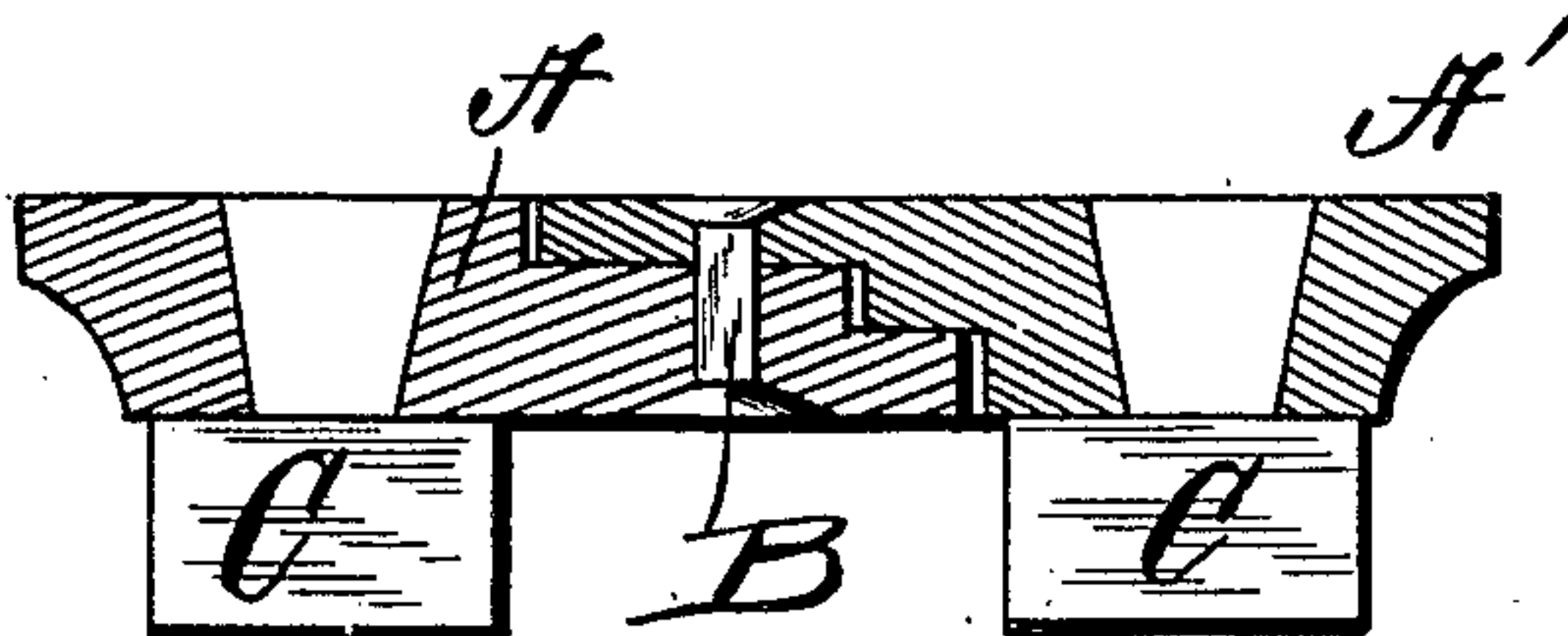
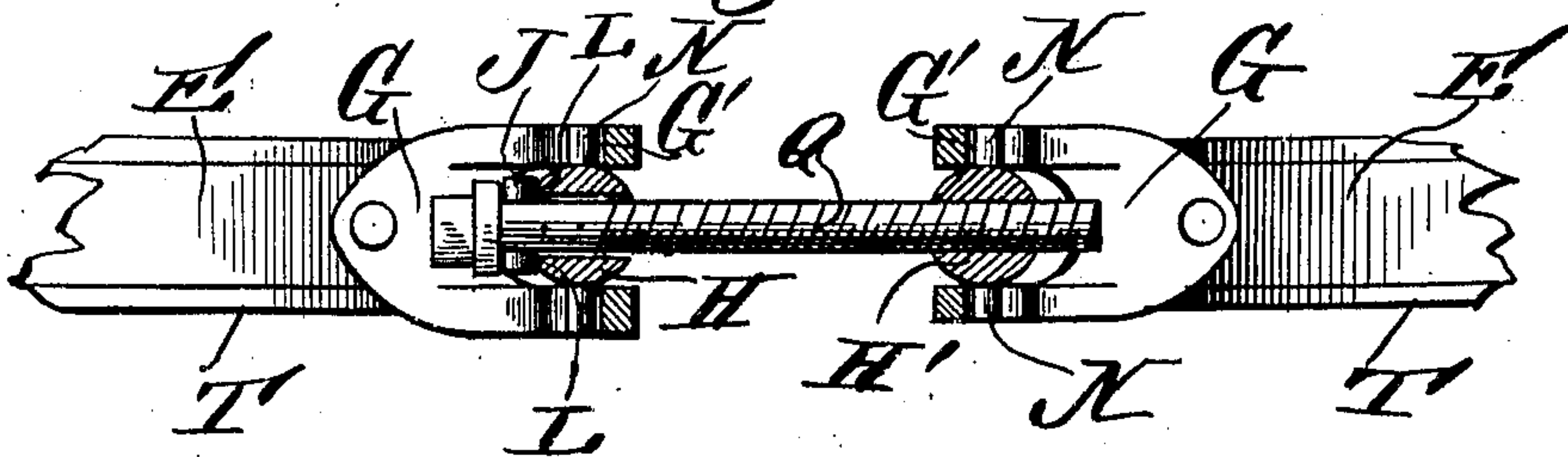


Fig. 5.



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# UNITED STATES PATENT OFFICE.

JOHN C. BELLOFF AND ANTON ROTH, OF NEW BRUNSWICK, NEW JERSEY.

## EMERGENCY-HORSESHOE.

No. 925,982.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed April 26, 1909. Serial No. 492,362.

*To all whom it may concern:*

Be it known that we, JOHN C. BELLOFF and ANTON ROTH, citizens of the United States, residing at New Brunswick, in the county of Middlesex and State of New Jersey, have invented certain new and useful Improvements in Emergency-Horse-shoes; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in emergency horse-shoes adapted to be attached to the ordinary shoe of a horse when the calks become worn, and comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

Our invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the device as applied to the hoof of an animal. Fig. 2 is an enlarged perspective view of the device detached. Fig. 3 is a sectional view on line 3—3 of Fig. 2. Fig. 4 is a detail view showing the hinged connection of one of the straps of the section of the shoe, and Fig. 5 is a sectional view on line 5—5 of Fig. 1.

Reference now being had to the details of the drawings, by letters, A and A' designate two complementary sections of the shoe, having pivotal connection at B and calks C have shank portions extending through apertures in said sections and are held by means of screws, pins or other suitable means. Each of said sections is recessed away as at D and two lugs *a* project from said recess and are adapted to be bent over and engage a rib *a'* upon the under surface of the shoe section. E—E designate straps, each of which has a shoulder E' adapted to engage the upper surface of one of the shoe sections and each is provided with apertures F in which said lugs pass, thus forming a hinged connection between the strap and the shoe section. Each of said straps has pivotally connected thereto a stirrup-shaped member G with hooks G', and H and H' designate spherical shaped

members having bosses or bearing lugs N projecting therefrom at points diametrically opposite and adapted to have bearings in the hooks in said stirrup-shaped members. The member H has an aperture therein which is unthreaded, while the member H' has a similar aperture but which is threaded, the two apertures being in alinement one with the other, and Q designates a screw passing loosely through the member H and having threaded connection with the aperture in the member H'. The screw Q has a head. A pin J projects through an aperture in the shank of said screw and is adapted to engage recesses L formed in the member H and serves to prevent the screw from loosening. In order to protect the hoof of the animal from direct contact with the metal of said strap, leather strips T are fastened to the inner surfaces thereof which come in direct contact with the hoof. Upon the marginal edge of each of said sections is a flange R and lugs R' project from said flange and are adapted to engage over the edge of a horse-shoe fastened to the hoof of an animal.

In applying the device, the two sections A and A' are made to engage the horse-shoe in the manner shown, the two straps passed about the hoof of the animal and the studs upon said spherical-shaped members made to engage the hooks in said stirrup members, after which the screw is tightened, drawing the two straps together so that they will frictionally engage the hoof of the animal, thus making a simple and efficient device which may be readily applied to or removed from the hoof of an animal for emergency purposes.

What we claim to be new is:—

1. An attachment for horse-shoes, comprising sections hinged together and provided with calks, the outer edge of each of said sections having recesses therein, hooks projecting from said recesses, straps hinged to said hooks, means for drawing the free ends of the straps together to clamp and hold the sections upon the hoof of an animal, as set forth.

2. An attachment for horse-shoes, comprising sections hinged together and provided with calks, the outer edge of each of said sections having recesses therein, hooks projecting from said recesses, the under surface of each of said sections having a rib against the ends of which said hooks engage, straps



having apertures for the reception of said hooks and forming a hinged connection, and means for drawing the free ends of the strap frictionally against the hoof of an animal, as set forth.

3. An attachment for horse-shoes, comprising sections hinged together and provided with calks, the outer edge of each of said sections having recesses therein, hooks projecting from said recesses, the under surface of each of said sections having a rib against the ends of which said hooks engage, straps having apertures for the reception of said hooks and forming a hinged connection, a pivotal stirrup-shaped member mounted upon each of said straps and having hooked ends, screw receiving members having oppositely extending studs having bearings in said hooked ends of the stirrup-shaped members, and a screw passing through said members, as set forth.

4. An attachment for horse-shoes, comprising sections hinged together and provided with calks, the outer edge of each of said sections having recesses therein, hooks projecting from said recesses, the under surface of each of said sections having a rib against the ends of which said hooks engage, straps

having apertures for the reception of said hooks and forming a hinged connection, each of said straps having a laterally projecting portion adapted to swing over the upper edge of the section, each of said straps being adapted to contact with the inner ends of the recesses to limit the throw of the straps in one direction, and means for drawing the ends of the straps together, as set forth.

5. An attachment for horse-shoes comprising two sections hinged together and provided with calks, a flange about the inner marginal edge of each of said sections, outwardly turned lugs projecting from said flange, the opposite edge of each section being recessed, hooks projecting from said recesses and spaced apart, straps hinged to said hooks, a rib upon the under surface of each section against which said hooks contact, and means for drawing the straps toward each other, as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

JOHN C. BELLOFF.  
ANTON ROTH.

Witnesses:

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H. C. MEAGHER.