No. 684,935. Patented Oct. 22, 1901.

J. HIRSCH.

ELASTIC HORSESHOE.

(Application filed July 15, 1899. Renewed Mar. 29, 1901.)

(No Model.)

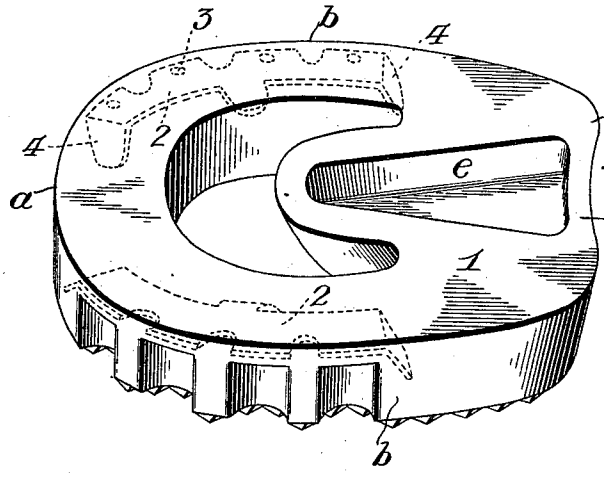


FIG. 1

FIG. 3

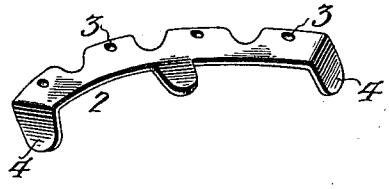
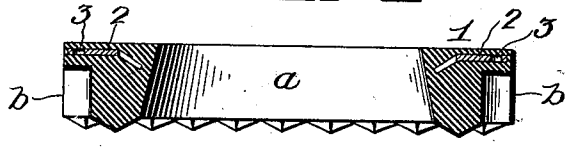


FIG. 2



Witnesses
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[illegible]

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UNITED STATES PATENT OFFICE.

JOSEPH HIRSCH, OF KANSAS CITY, MISSOURI.

ELASTIC HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 684,935, dated October 22, 1901.

Application filed July 15, 1899. Renewed March 29, 1901. Serial No. 53,568. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH HIRSCH, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Horseshoes; and I do 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.

The invention relates to horseshoes, and more particularly to that class of the cushion type in which solid rubber is employed in the construction, thereby rendering the shoe easy to the foot of the animal as well as perfectly noiseless.

The object of the invention is to provide a shoe of this character which may be easily and quickly applied to the hoof of the animal and which will not pull away from the hoof.

With this object in view the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved horseshoe, showing in dotted lines the metallic nailing-strip. Fig. 2 is a cross-sectional view. Fig. 3 is a detail perspective view of the nailing-strip.

In the accompanying drawings the same reference characters indicate the same parts of the invention.

1 denotes the shoe, consisting of the toe *a*, sides *b*, and heel *c*, the last-mentioned of which may be connected by a transverse body portion *d*, which may also be formed with a frog-pocket *e*. These parts are all constructed of rubber and are molded in one piece.

2 denotes the nailing-strip, which is molded into the sides of the shoe at the time the shoe is molded and is entirely concealed. This strip is provided with nail-holes 3 and has its ends 4 projecting downwardly, as shown in dotted lines in Fig. 1, to resist end thrusts and prevent the ends of the strip tearing or cutting through the sides of the shoe.

Semicircular or other shaped recesses are formed in the sides of the shoe and enable nails to be driven through the nail-holes in the metallic strip in securing the shoe to the hoof of the animal.

It will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. A rubber horseshoe having molded within it a nailing-strip with nail-holes, said shoe formed with recesses registering with the holes in said nailing-strip, substantially as and for the purpose set forth.

2. A rubber horseshoe having molded within it a nailing-strip, and recesses formed in the sides of the shoe and adapted to have nails driven through the base of the recesses, through the nailing-strip and into the hoof of the animal, whereby the heads of the nails will be above the tread of the shoe and not exposed to wear as the tread is worn, substantially as and for the purpose set forth.

3. A rubber horseshoe having embedded in its sides a nailing-strip, the ends of which are bent at an angle to the length of the strip, said shoe being formed with recesses in its sides, and said strip being provided with nail-holes registering with said recesses, substantially as and for the purpose set forth.

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

JOSEPH HIRSCH.

Witnesses:
DANL. B. HENDERSON,
GERTRUDE HARDY.