

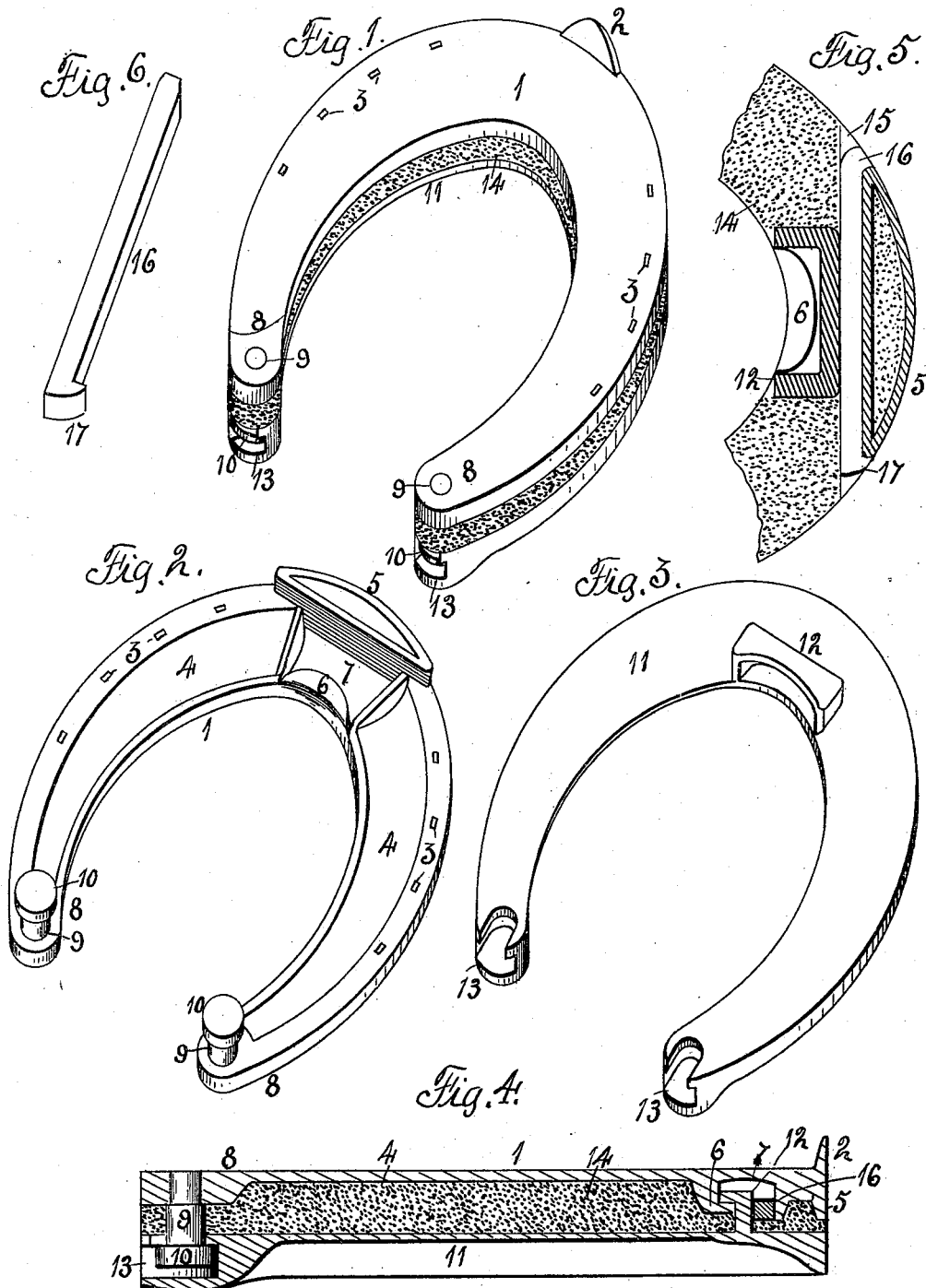
No. 649,231.

Patented May 8, 1900.

V. WINQUIST.
HORSESHOE.

(Application filed Oct. 6, 1899.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

VICTOR WINQUIST, OF ROCKFORD, ILLINOIS.

HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 649,231, dated May 8, 1900.

Application filed October 6, 1899. Serial No. 732,832. (No model.)

To all whom it may concern:

Be it known that I, VICTOR WINQUIST, a citizen of the United States, residing at Rockford, in the county of Winnebago and State of Illinois, have invented certain new and useful Improvements in Horseshoes, of which the following is a specification.

The object of this invention is to construct a horseshoe in two parts detachably connected, one part secured to the horse's hoof.

In the accompanying drawings, Figure 1 is an isometrical representation of my improved horseshoe. Fig. 2 is an isometrical representation of the upper section of the horseshoe. Fig. 3 is an isometrical representation of the bottom or removable section of the horseshoe. Fig. 4 is a vertical lengthwise section. Fig. 5 is a horizontal section through the toe portion of the horseshoe. Fig. 6 is an isometrical representation of the fastening-key.

The two sections of the horseshoe are of the usual form. The upper section or the one secured to the horse's hoof has a flat upper face 1 and a toe-guide 2 at its front end and a number of holes 3 through the section. The under face of the upper section has a recess 4, a depending toe portion 5, and a forwardly-extending hook 6. A recess 7 is formed between the depending portion and hook 6. The heel ends 8 of the upper section of the shoe have depending studs 9, provided with headed ends 10.

The lower removable section 11 of the horseshoe at its forward end has an enlargement 12, its center being recessed. The heel ends of this section have recesses 13 in their upper face corresponding to the headed studs of the upper section.

After the upper section of the shoe has been secured to the horse's hoof by nails passing through the openings 3 and driven into the

hoof a section of rubber 14, corresponding in shape to the sections of the shoe, is located on the under face of the upper section. The lower section is placed in connection with the upper section *a*, the recesses 13 in the heel ends receiving the headed studs of the upper section and the recessed projection 12 receiving the hook 6, when a space 15 will be left between the front face of the projection 12 and the rear face of the projection 5, and a key 16 is driven into this space, the head 17 forming a stop, and the end of the shank extending beyond the shoe is bent up against the shoe and cut off, thereby preventing the withdrawal of the key and holding the two sections of the shoe together.

In use the two sections are separated by the rubber center plate 14 in a manner to permit the lower plate to yield when pressure is applied, so that the jar is taken off the horse's feet their full extent.

When a new lower plate is required or the upper plate needs resetting, the key is driven out and the sections of the shoe separated.

I claim as my invention—

1. A horseshoe composed of an upper plate and a lower plate detachably connected, the toe portion of the plates connected by a hook, and the heel portion by a headed stud, and a rubber plate located between the plates.

2. A horseshoe composed of an upper plate and a lower plate detachably connected, the toe portion of the plates connected by a hook and a key, and the heel portion by a headed stud, and a rubber plate located between the plates.

VICTOR WINQUIST.

Witnesses:

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