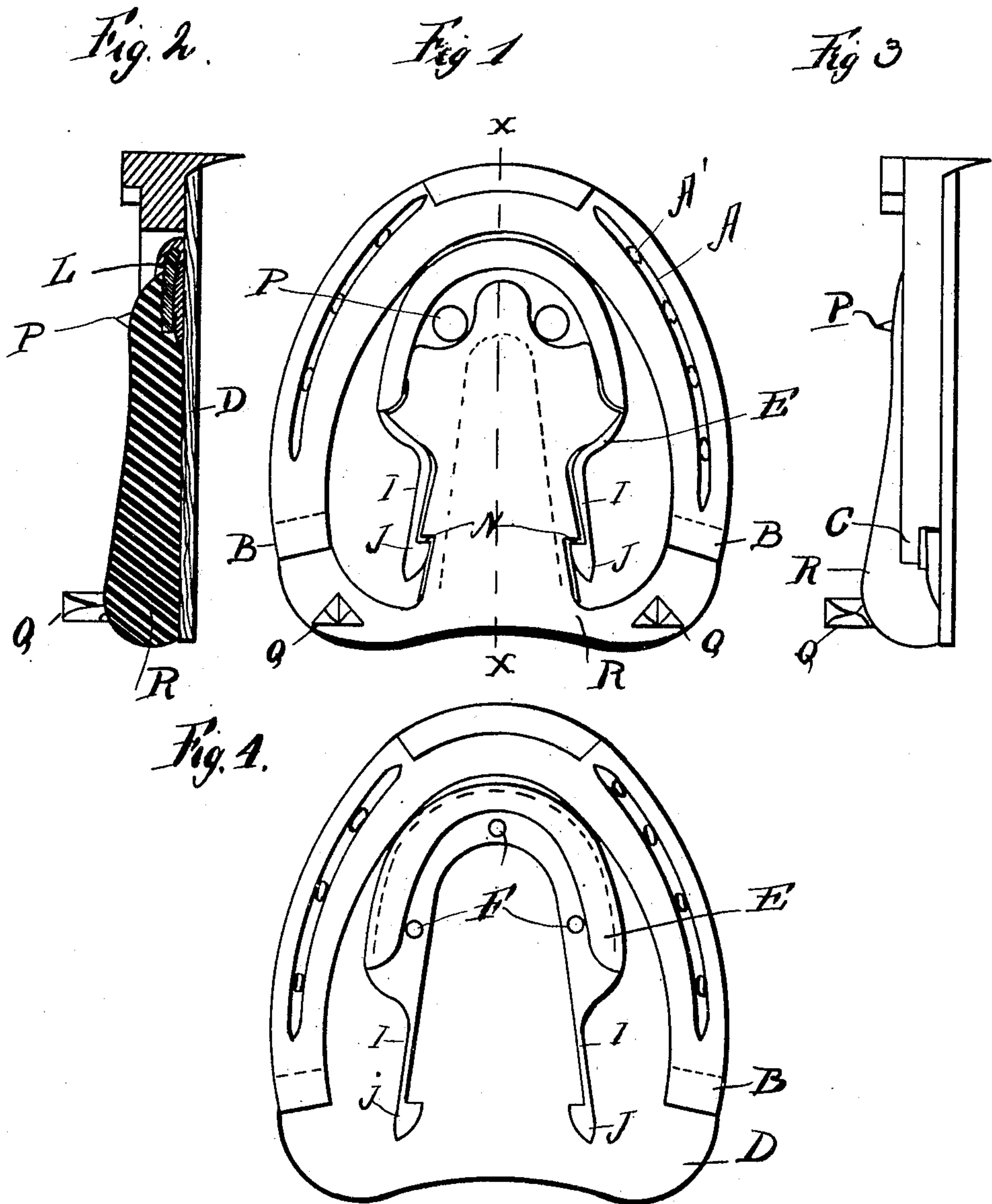


S. P. CLEARY.
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APPLICATION FILED MAY 14, 1908.

912,813.

Patented Feb. 16, 1909.
2 SHEETS—SHEET 1.



WITNESSES
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Fig 5

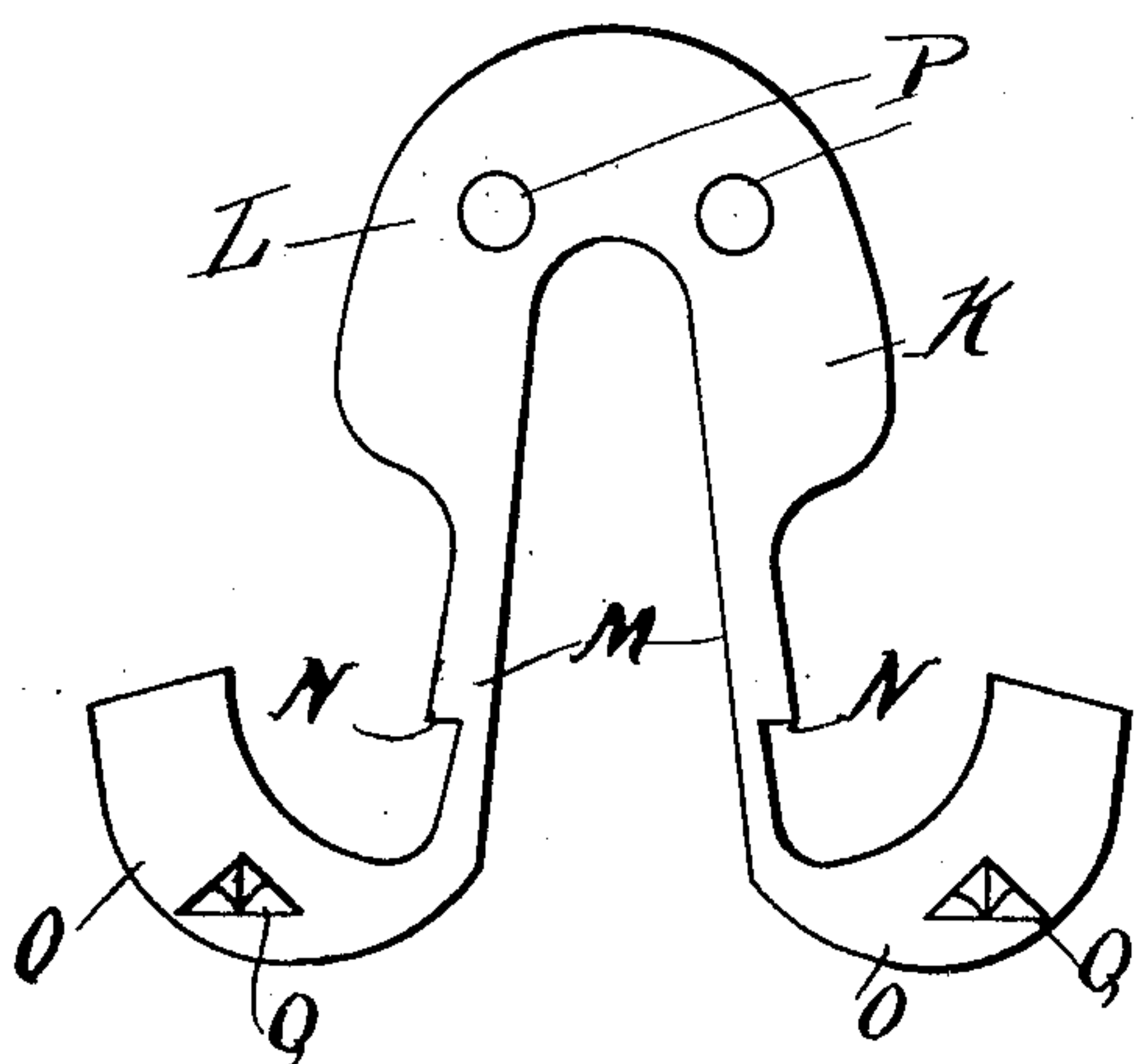


Fig 6

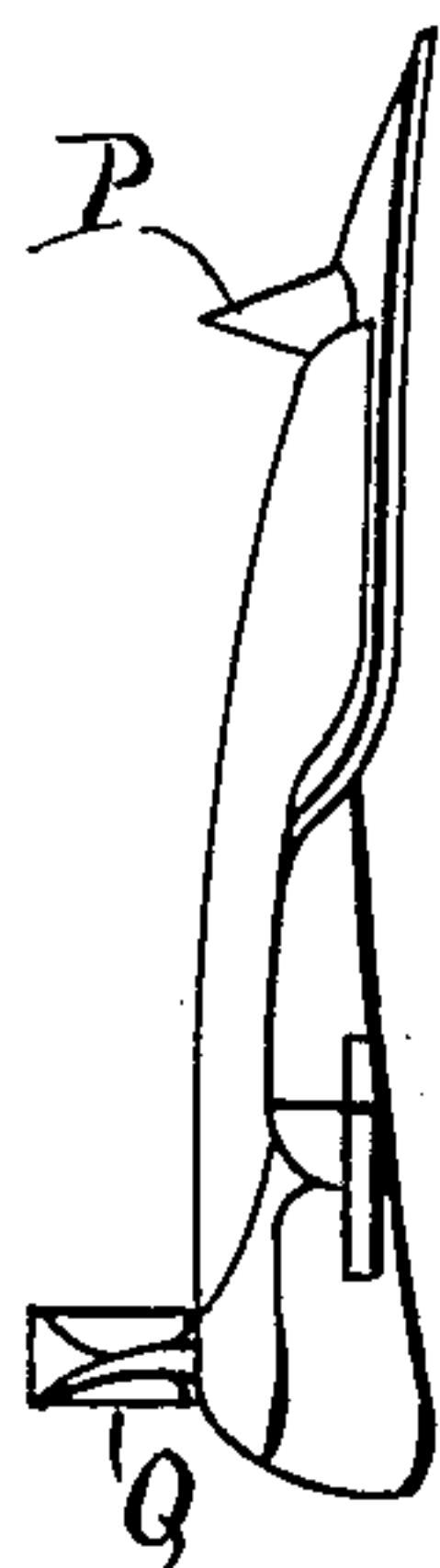


Fig 7

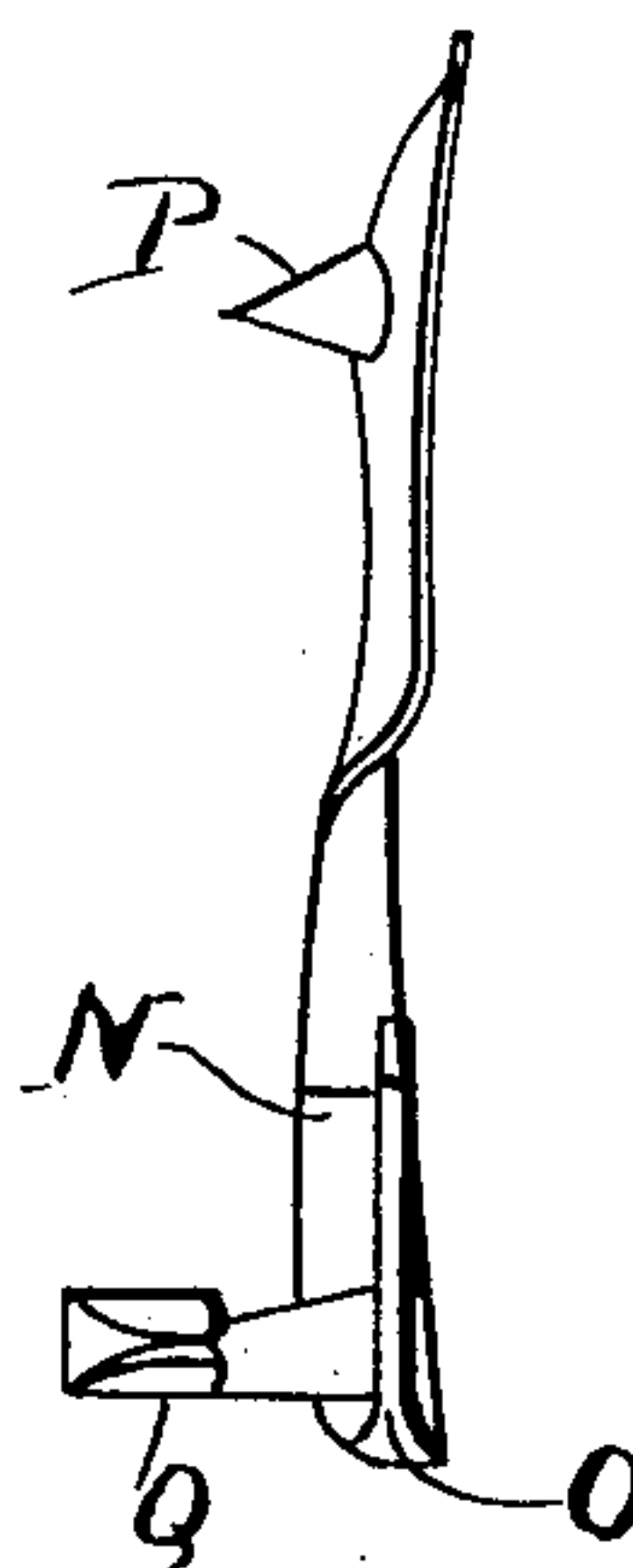


Fig 8

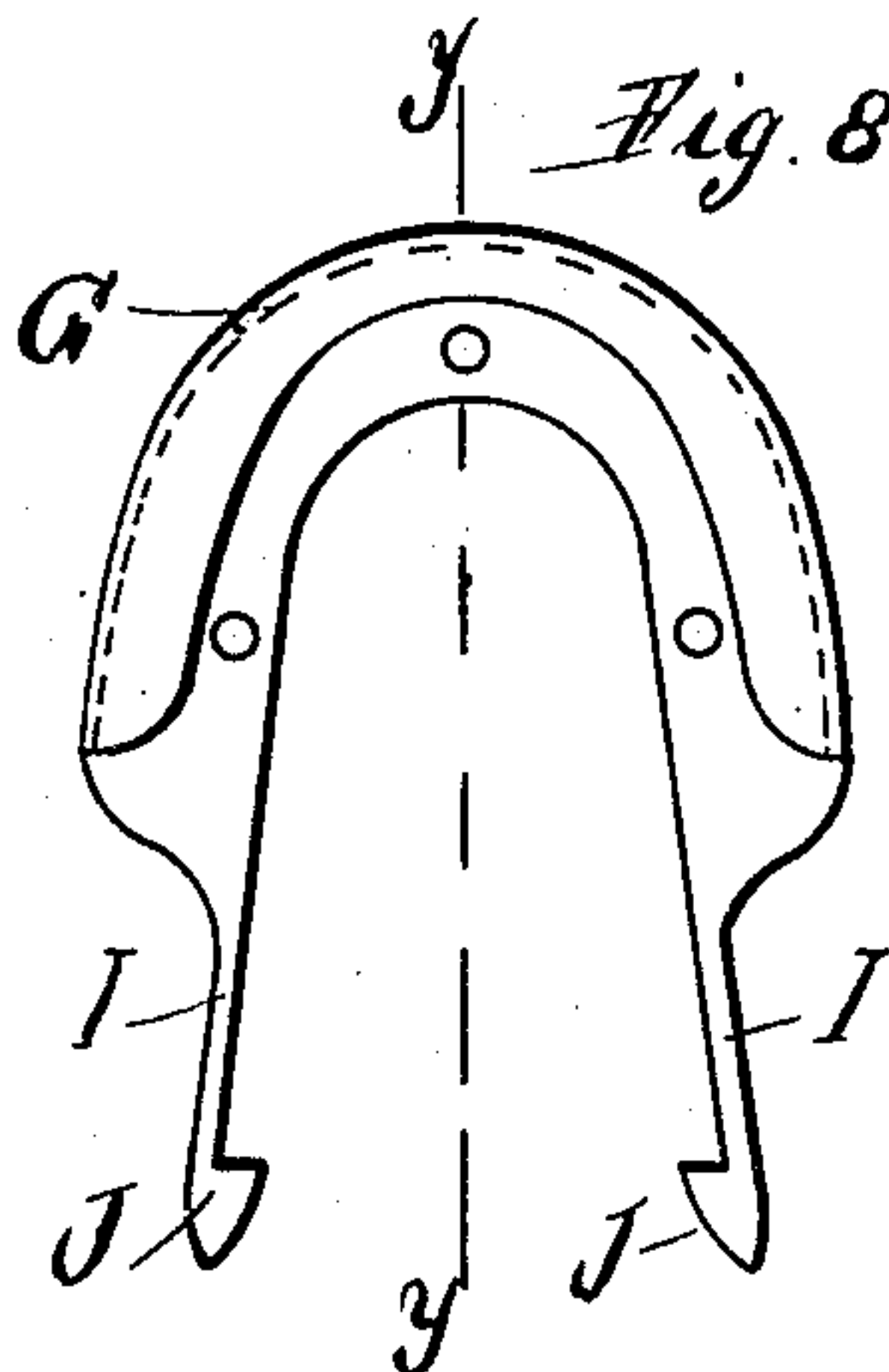


Fig 9



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UNITED STATES PATENT OFFICE.

SEBASTIAN P. CLEARY, OF PHILADELPHIA, PENNSYLVANIA.

ATTACHABLE SHARP PAD.

No. 912,813.

Specification of Letters Patent.

Patented Feb. 16, 1909.

Application filed May 14, 1908. Serial No. 432,831.

To all whom it may concern:

Be it known that I, SEBASTIAN PAUL CLEARY, a citizen of the United States, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented a certain new and useful Improvement in Attachable Sharp Pads, of which the following is a specification.

My invention relates to a new and useful improvement in attachable sharp pads, and has for its object to provide an exceedingly simple and effective device of this character having a special coöperative arrangement of toe and heel receiving portions adapted for detachably and adjustably holding the peculiarly shaped sharpeners that are specially designed so as to provide for quickly and conveniently changing the shoes from sharp to dull ones.

With these ends in view, this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, I will describe its construction in detail, referring by letter to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a bottom view of a horseshoe showing my improved attachable sharp pads secured thereto. Fig. 2 is a section at the line X—X of Fig. 1. Fig. 3 is a side view thereof. Fig. 4 is a bottom view of the shoe, the sharpening member being removed. Fig. 5 is a bottom view of the sharpening member. Fig. 6 is a side view thereof, showing a rubber pad in place. Fig. 7 is a similar view, the rubber pad being removed. Fig. 8 is a bottom view of the locking member, and, Fig. 9 is a sectional view thereof at the line Y—Y of Fig. 8, showing said rocking member secured to the leather.

In carrying out my invention as here embodied, A represents a horseshoe of the usual shape, having the ordinary arrangement of holes A' for the reception of the nails which hold the shoe in position upon the hoof of the horse. The heel ends B of the shoe are constructed light having a portion cut away so as to form the flange C.

D indicates a leather pad which is placed between the shoe and hoof of the horse and held in place by the nails which also hold the shoe in position. To this leather pad is secured the fastening member E by rivets F.

The front edge G of the fastening member is turned over as plainly shown in Fig. 9, so as to form the socket H. The rear ends of the fastening member are thinner than the other portion and this will produce the spring shanks I, on the ends of which will be formed the hooks J.

K represents the sharpening member, which is so formed as to produce the toe portion L, the shanks M on which are formed the notches N, and the curved arms O. To the toe portion of said sharpening member K are secured the toe calks P, and on the arms O are fastened the heel calks Q. To the lower surface of this sharpening member is attached the rubber pad R which acts as a cushion for the horse's foot, and prevents the calks P and Q from cutting too deep in ice or snow.

In practice the fastening member E is secured to the leather pad D by the rivets F and this leather pad is fastened between the horse's hoof and the horse's shoe and held by the same nails which hold the shoe in place. When it is desired to place the sharpening member in position, the forward or toe end is slipped into the socket H and the ends of the arms O are placed beneath the flanges C, then the said sharpening member is pressed forward until the hooks J engage with the notches N, thus locking the sharpening member to the horse's foot.

When it is desired to remove the sharpening member, the hooks J are disengaged from the notches, N, when said sharpening member may be removed.

Some of the advantages obtained by using my improved sharp pads, are: By keeping a supply of the sharpening members on hand in the stable, they may be slipped into position on the horse's foot when the ground is hard or slippery. It does away with the using of so many nails or using them as often as at the present time, thus making a less number of holes in the horse's hoof and in this manner preserving the hoof for a greater length of time. The owner of the horse will not be required to take the horse to the blacksmith as often as at the present time, because the shoe does not have to be replaced until it is completely worn away, thus the hoof will not have to be cut away as often as at the present time, thus still further preserving the hoof.

Of course, I do not wish to be limited to the exact details here shown, as these may

be varied within certain limits without departing from the spirit of my invention.

Having thus fully described my invention what I claim as new and useful is—

5 1. In combination with a shoe body having flanges formed on the heel ends thereof, a leather pad secured to the horse's foot between the hoof and shoe, a fastening member the edge of which is turned over to
10 form a socket, the rear ends so formed as to produce spring shanks having hooks on the outer ends thereof, a sharpening member having a toe portion, rearwardly extending shanks, notches formed on said shanks, arms
15 formed with said shanks, the ends of which are adapted to engage with the flanges formed on the heel ends of the shoe, calks secured to said sharpening member; and a rubber pad attached to said sharpening member,
20 as described.

2. In combination with a horseshoe body having flanges formed on the heel ends thereof, a leather pad secured to the horse's foot between the foot and the shoe, a fastening member so formed as to produce a socket,

hooks, rivets for attaching said fastening member to the leather pad, a sharpening member composed of a toe portion, shanks having notches formed thereon, arms formed with said shanks, and calks secured to the
30 toe and arm portion of said sharpening member, as shown and described.

3. In combination, a horseshoe body having flanges formed on the heel ends thereof, a leather pad, means for securing said
35 leather pad between the horse's hoof and the shoe, a fastening member, means for securing said fastening member to the leather pad, a sharpening member, a rubber pad attached thereto, and means for securing
40 said sharpening member to the horse's foot, as shown and described.

In testimony whereof, I have hereunto affixed my signature in the presence of two subscribing witnesses.

SEBASTIAN P. CLEARY.

Witnesses:

ARMAT A. LOGAN,
MARY E. LOGAN.