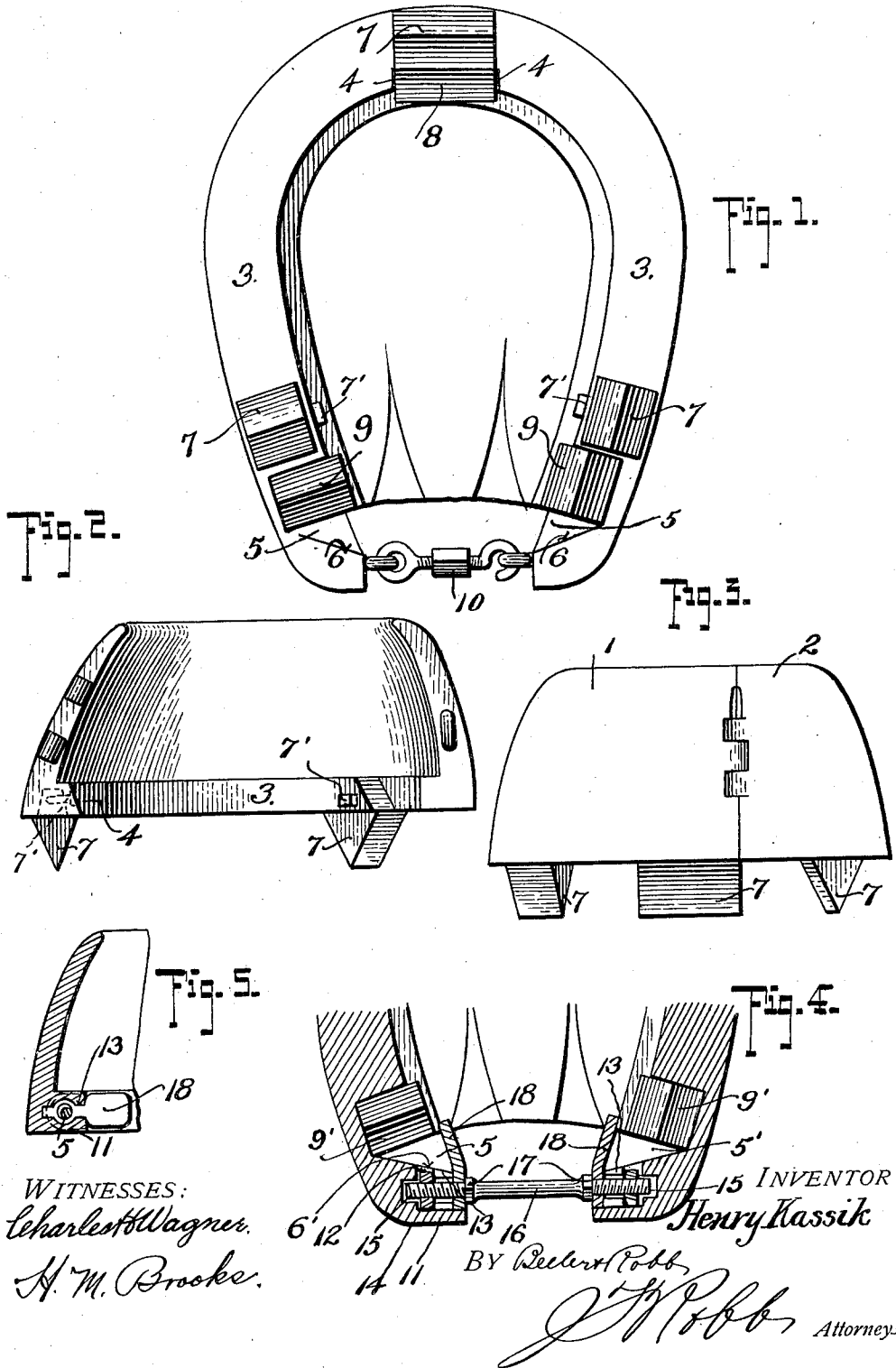


H. KASSIK.
OVERSHOE FOR HORSES.
APPLICATION FILED JULY 11, 1911.

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Patented June 11, 1912.



UNITED STATES PATENT OFFICE.

HENRY KASSIK, OF YONKERS, NEW YORK.

OVERSHOE FOR HORSES.

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Specification of Letters Patent.

Patented June 11, 1912.

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To all whom it may concern:

Be it known that I, HENRY KASSIK, a citizen of the United States, residing at Yonkers, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Overshoes for Horses, of which the following is a specification.

This invention relates to horseshoes, and primarily to that class of shoes which may be quickly and easily attached to the ordinary horseshoe when the weather conditions are unfavorable for safe driving.

The present invention consists in providing an overshoe for horses having detachable calks thereon, said shoe being composed of sections, preferably hinged, whereby the work of shoeing the horses will be greatly facilitated.

An object of the present invention is to provide an overshoe which will have recesses for the calks of the ordinary shoes to fit therein, said recesses having inclined faces upon which said calks are adapted to bear and, which upon tightening the overshoe upon the horse's foot, will cause the overshoe to fit more securely.

A further object of the present invention is to provide certain means for aiding in tightly fitting the overshoe on the horse's foot when the sections of said shoe are being secured together.

With the above and other objects in view, this invention consists in the construction, combination, and arrangement of parts, all as hereinafter more fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a bottom plan view of the present invention applied to a horse's foot. Fig. 2 is a side elevation of one of the sections of which the overshoe is composed; Fig. 3 is a front elevation of the overshoe showing the hinged connection between the sections; Fig. 4 is a fragmentary sectional view of a modified adaptation of the present invention; and Fig. 5 is a detail view thereof.

Throughout the following detail description and on the several figures of the drawings, similar parts are referred to by like reference characters.

The present invention consists in a pair of hinged sections 1 and 2 which conform to the shape of the horse's hoof, the lower sur-

face of said sections being provided with inwardly extending flanges 3 which are provided on their inner edges with recesses 4 and 5, said recesses 5 having their rearward faces 6 inclined with relation to the other faces. Mounted detachably, or otherwise, on the bottom surface of the flanges are a plurality of calks 7.

The ordinary calks 8 and 9 carried by the horse shoe are seated in the recesses 4 and 5, respectively, and the rear edges of the calks 9 are adapted to ride on or bear against the inclined faces 6 when the two sections are drawn together by the turn buckle or any other suitable means 10.

From the foregoing, it will thus be seen that it will not be necessary to tightly fit the overshoe on the horse's hoof by hand before the sections are fastened together, it being only necessary to loosely fit the overshoe on and cause the calks 9 to rest on the adjacent extremities of the inclined faces 6. The turn buckle 10 thus being tightened, the sections 1 and 2 will be drawn closer together and said calks will ride on the inclined faces 6 and cause a tight fit of the overshoe since the latter will be drawn backwardly in close contact with the forepart of the hoof.

In the modified construction as disclosed in Fig. 4, the rear portion of each section is provided with a bore 11 on its inward face and a transverse slot or recess 12 formed on the inclined face 6' and opening into the bore 11. A slot 13 is also formed on the inclined face 6' extending from said slot 12 to the inner surface of the sections. In the slot or recess 12 is seated a nut 14 having one of its faces rounded off, said nut being adapted to receive one terminal of the right and left handed threaded screw 16, said rounded face permitting the necessary swivel movement in tightening the overshoe to the horse's hoof. A pair of shoulders 17 is formed on the screw or connecting member 16, and against each of the shoulders is adapted to bear a follower which operates in the slot 13 and projects into the recess 5' to engage the inner face of the horseshoe proper. It will thus be observed that, upon tightening the screw 16 after the overshoe has been loosely mounted on the hoof and the followers 18 correctly positioned against the horseshoe proper, said followers will tend to force the calks 9' bearing on the in-

clined faces 6' up said inclined face, thus obtaining the same results as when using the construction disclosed in Fig. 1.

The calks 7 are of a detachable type and
5 may be secured to the overshoe in any desirable manner, such as by set screws 7'. In Fig. 1 one terminal of the turn buckle 10 is provided with a hook, thus facilitating the unfastening of the sections since it is not
10 necessary to completely unscrew the several parts of the turn buckle.

Having thus fully described my invention, what is claimed as new is:—

1. A horse overshoe comprising hinged
15 sections, each of which is recessed on its inner face for receiving a calk of a horseshoe, means for securing said sections together, and means carried by said first named means and adapted to force said calk
20 into said recess upon rotating the said first named means.

2. A horse overshoe comprising hinged sections, each of which is recessed on its inner face for receiving a calk of a horse-

shoe, one face of said recess being inclined 25 and provided with a slot, a follower slidably mounted in said slot and adapted to bear against said calk for forcing the latter along said inclined face, and means for operating said follower. 30

3. A horse overshoe comprising hinged sections, each of which is recessed on its inner face for receiving a calk of a horseshoe, one face of said recess being inclined and provided with a slot, a follower slidably 35 mounted in said slot and adapted to bear against said calk for forcing the latter along said inclined face, and a threaded coupling member for securing said sections together and carrying said follower, said threaded 40 member operating said followers upon rotating the former.

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

HENRY KASSIK.

Witnesses:

JOHN J. MANTON,
F. A. DECKER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."