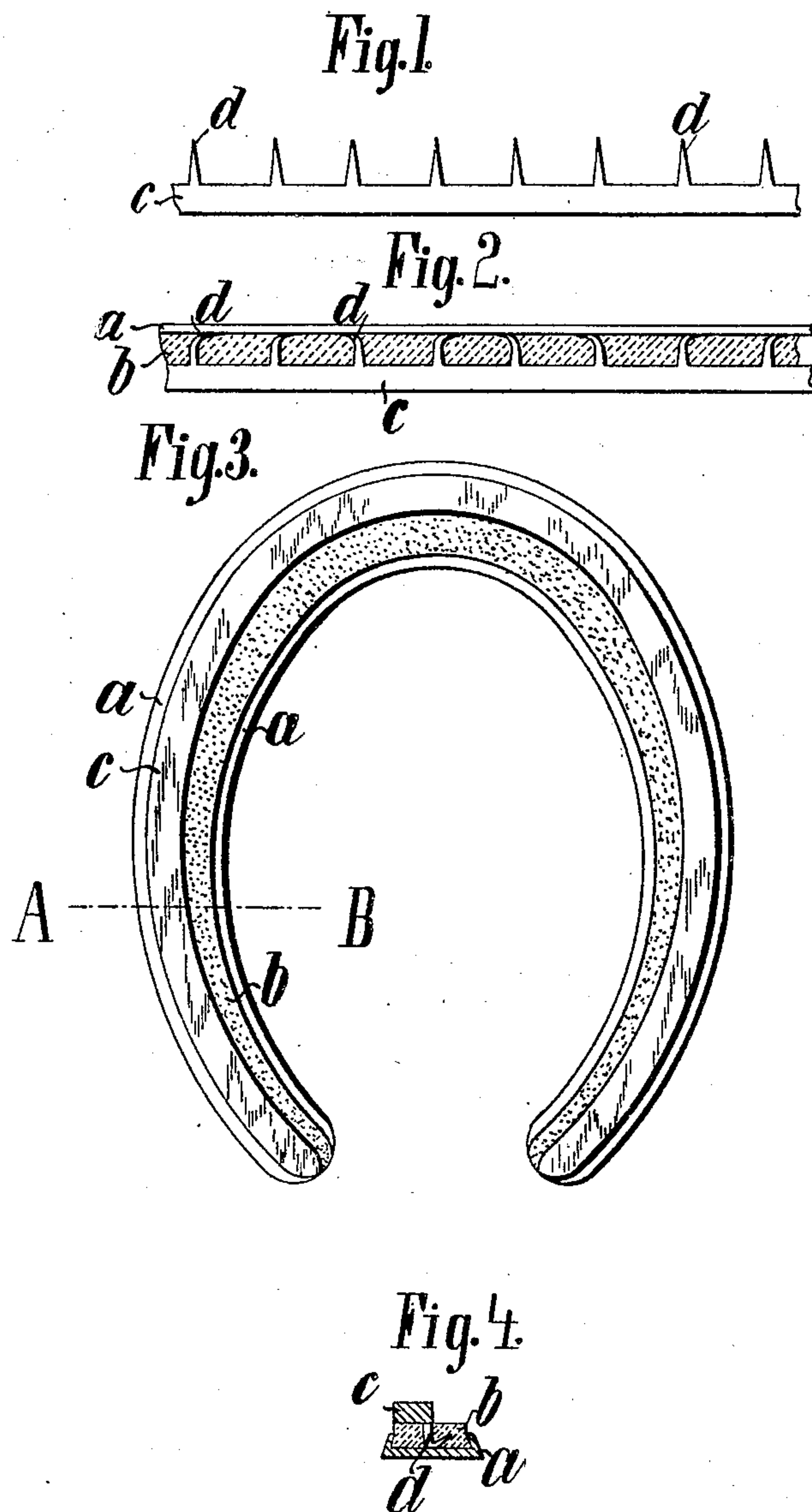


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HORSESHOE.

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925,198.

Patented June 15, 1909.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILHELM KNIEPER, OF BERLIN, GERMANY, ASSIGNOR OF ONE-HALF TO EMIL HAMMER, OF BERLIN, GERMANY.

HORSESHOE.

No. 925,198.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILHELM KNIEPER, a subject of the King of Prussia, and residing at 16/17 Anhaltstrasse, Berlin, Germany, have invented certain new and useful Improvements in Horseshoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to horse shoes and has for its object to provide a cushioned shoe having metallic wear parts that are readily removable or exchangeable.

Referring to the drawings, in which like parts are similarly designated, Figure 1 is a side portion of the wear strip. Fig. 2 is a longitudinal section showing the relations of the wear strip, cushion and hoof plate. Fig. 3 is a bottom plan view of a complete shoe and Fig. 4 of a section on the line A—B of Fig. 3.

Directly secured to the hoof by nails or otherwise is a grooved plate *a* here shown by way of example as having a dove-tailed groove extending wholly or partly from end to end of the shoe and if desired said groove may be discontinuous or not. Secured in said groove and held by reason of the dove-tailed shape thereof or otherwise is a yielding pad *b* of leather or other material. The wear plate *c* which comprises the wearing surface of the shoe is provided with prongs *d*. This plate or strip can be readily shaped to conform to the shape and size of the shoe, and thus has simply to be driven into the leather cushion *b*, the points

of the pin *d* over-turning or clenching against the bottom face of the groove in *a* and into the cushion *b*. The wear strip *c* is readily removable or if it is entirely worn away may be replaced without withdrawing the pins *d* that have been clenched into the cushion and when the renewals of wear plates *c* have been so numerous as to render the pad *b* incapable of holding additional or other wear plates this pad may be withdrawn from this groove and replaced by a fresh pad. Thus it will not be necessary to so frequently tear the shoe from the hoof of the horse.

The bending over or clenching of the points of the pins *d* against the end face of the groove and into the leather aid, in connection with the leather or other pad *b*, in cushioning the wear plate *c*.

I claim:—

1. A horse shoe comprising in combination a metal hoof plate having a substantially dove-tailed groove therein, a leather cushion pad held in said groove and a wear plate having pins projecting therefrom, said pins driven into the cushion and clenched against the face of the groove and into the cushion.

2. A horse shoe comprising in combination a metal hoof plate having a groove therein, a cushioning pad held in said groove and a removable wear plate conforming substantially in shape and extent to the hoof plate and nailed to the cushioning pad.

In testimony that I claim the foregoing as my invention, I have signed my name in presence of two subscribing witnesses.

WILHELM KNIEPER.

Witnesses:

EMIL C. DANNENBERGH,
HENRY HASPER.