

J. SPENCER.
Supplemental Horseshoe.

No. 219,776.

Patented Sept. 16, 1879.

FIG. I.

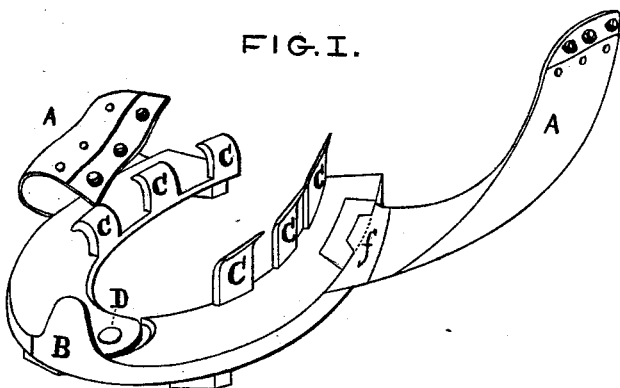


FIG. II.

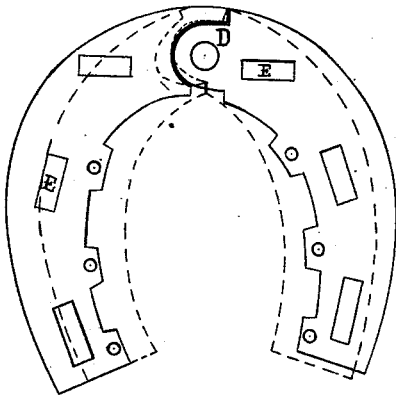
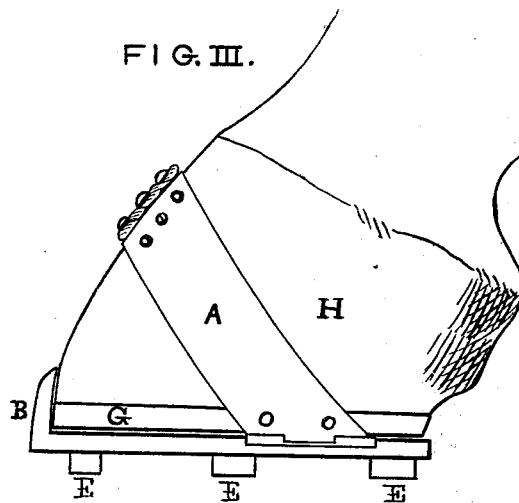


FIG. III.



WITNESSES

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JERVIS SPENCER, OF BALTIMORE COUNTY, MARYLAND.

IMPROVEMENT IN SUPPLEMENTAL HORSESHOES.

Specification forming part of Letters Patent No. **219,776**, dated September 16, 1879; application filed March 19, 1879.

To all whom it may concern:

Be it known that I, JERVIS SPENCER, of the county of Baltimore and State of Maryland, have invented a new and useful Improvement in Supplemental Horseshoes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view of the supplemental horseshoe with the strap, clamps, and toe-piece attached. Fig. 2 is a bottom view of the same, showing the roughing-pieces attached; and Fig. 3 is a side view, showing the supplemental shoe in position when attached to the hoof of the horse and the manner in which the same is secured thereto.

The object of my invention is to furnish a supplemental horseshoe which may be attached or detached at will and with great ease, and without the use of nails or screws, or any other means than those shown and described herein.

In the drawings, A is a strap, which may be constructed of any suitable material. I prefer to make it of thin metal, and, in order to prevent scratching or lacerating the hoof, to line it with leather or other soft material. This strap is hinged or joined in any suitable manner to the supplemental shoe, in the manner shown in the drawings at *f*.

B is a toe-piece projecting above the shoe and a short distance on the front part of the hoof.

C represents a series of clamps, which, when the shoe is in position, extend above the shoe and hold tight upon the upper side or surface thereof.

D represents a rivet, by which the two halves of the supplemental shoe are fastened together.

E represents the roughing-pieces, which may be made in any form, and the supplemental shoe may be roughed in any other manner.

G is the shoe on the hoof, and H is the hoof.

In constructing the supplemental shoe the rivet D is not placed equidistant from the ends, but a little to one side, in order to allow room for the toe-piece.

The operation of my device is as follows: It will be readily seen that the rivet D also serves the purpose of a hinge, so that the two sides of the supplemental shoe may be pressed together. While in this position it is placed upon the shoe of the horse, the toe-piece extending above the shoe and binding on the hoof, as shown in Fig. 3. The two sides are then pulled out until the clamps C are caught upon the upper side of the horseshoe, and the supplemental shoe is then securely fastened over the hoof by means of the strap A.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The improved supplemental horseshoe, consisting of the strap A, toe-piece B, clamps C, and flexible joint D, substantially as and for the purposes described.

JERVIS SPENCER.

Witnesses:

GEO. SAVAGE,
JOHN S. TYSON.