

E. M. BUMPUS.
Horseshoe.

No. 168,872.

Patented Oct. 19, 1875.

Fig. 1.

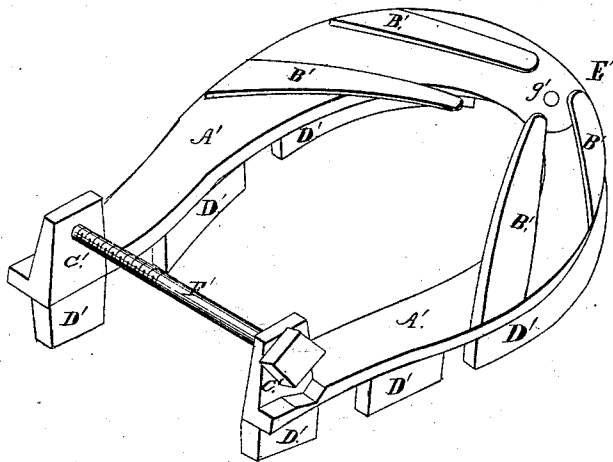
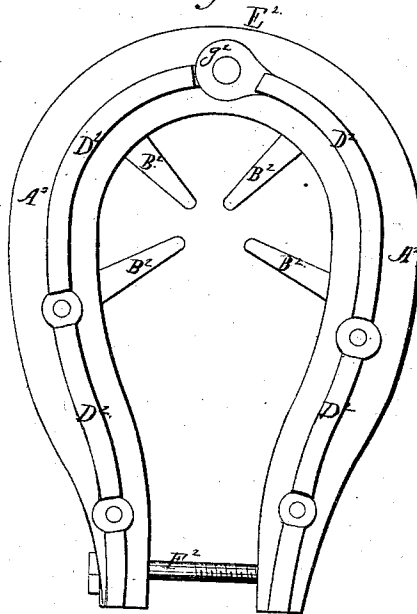


Fig. 2.



Attest:
James Ruggles
John H. Thynne

Inventor
Elisha M. Bumpus

UNITED STATES PATENT OFFICE.

ELISHA M. BUMPUS, OF ROCHESTER, MASSACHUSETTS.

IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. 168,872, dated October 19, 1875; application filed May 11, 1875.

To all whom it may concern:

Be it known that I, ELISHA M. BUMPUS, of Rochester, State of Massachusetts, have invented certain Improvements in Horseshoes, of which the following is a specification:

The objects of my invention are to secure the shoe to the hoof without the application of nails, and for ease in standing and traveling.

Figure 1 is a perspective view of my invention. Fig. 2 is a plan of the bottom of the shoe and the calks.

Fig. 1, A¹ A¹ is the shoe, which is made in segments or halves, with calks D¹ D¹ D¹ D¹, holders B¹ B¹ B¹ B¹ welded or riveted to each segment or half of the shoe. C¹ C¹ are projections turned up, through which the screw-bolt F¹ passes and screws, and prevents the heels of the shoe from spreading when it is affixed on the hoof. g¹ is a rivet, and unites the two segments or halves of the shoe in a hinge-joint, E¹.

Fig. 2, A² A² are the segments; B² B² B² B²,

the holders; D² D² D² D², the calks; E², the hinged joint; F², the screw-bolt, which contracts the heels of the shoes, and secures the shoe to the hoof by means of the holders. g² is a rivet, the fulcrum of the joint E².

The within-described horseshoe being constructed in two parts, with holders and calks riveted or welded, as shown and described, and the two parts being connected together in a hinged joint at the toe of the shoe, as also shown and described, the novelty of affixing it to the hoof will be apparent without further specification.

I claim—

The upturned ends C¹ C¹ of the shoe A¹ A¹, the holders B¹ B¹ B¹ B¹, the long-faced calks D¹ D¹, all constructed as set forth, for the purpose specified.

ELISHA M. BUMPUS.

Witnesses:

JAMES RUGGLES,
JOHN H. THYNG.