

(No Model.)

J. KURTZ.
HORSESHOE.

No. 250,820.

Patented Dec. 13, 1881.

Fig. 1.

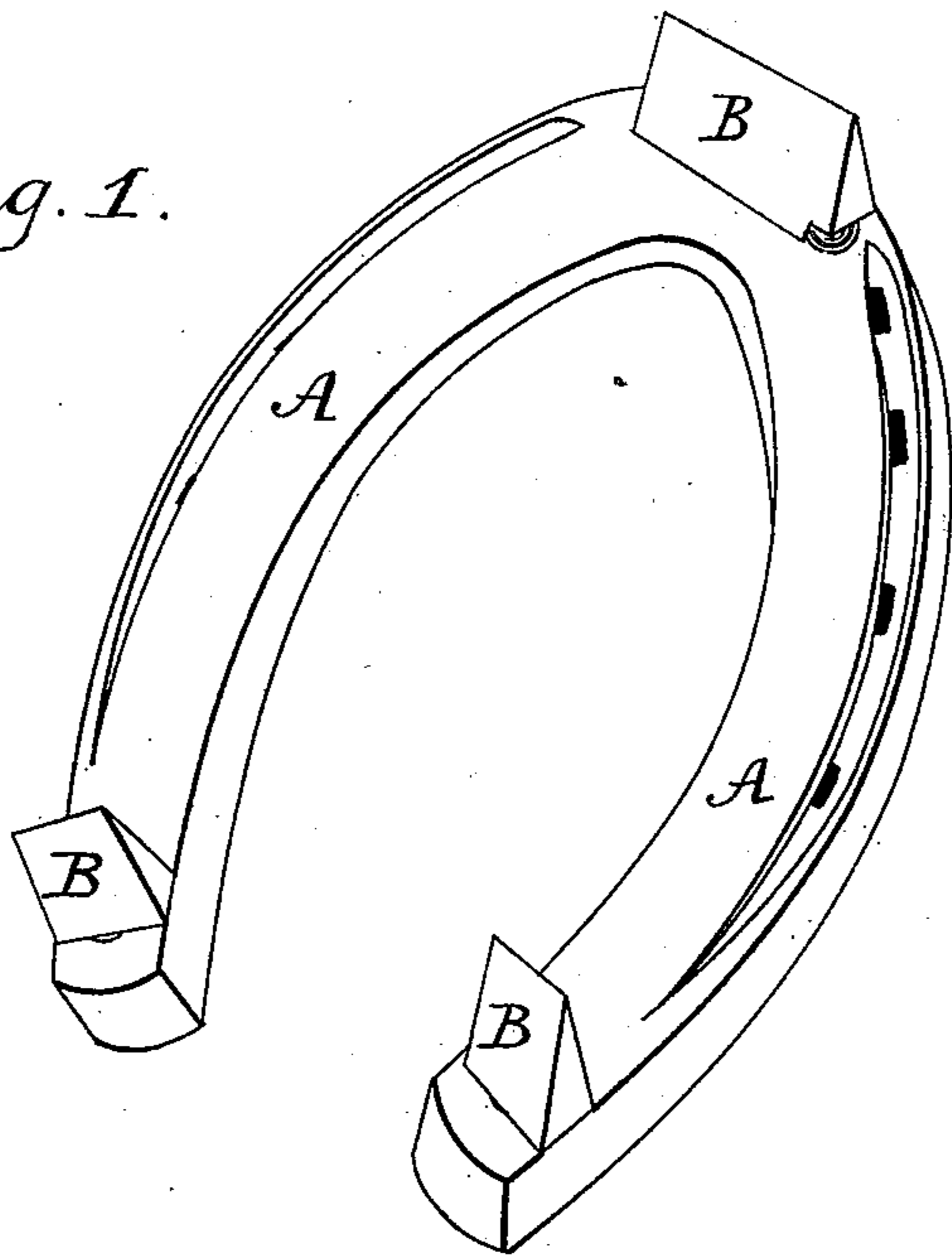
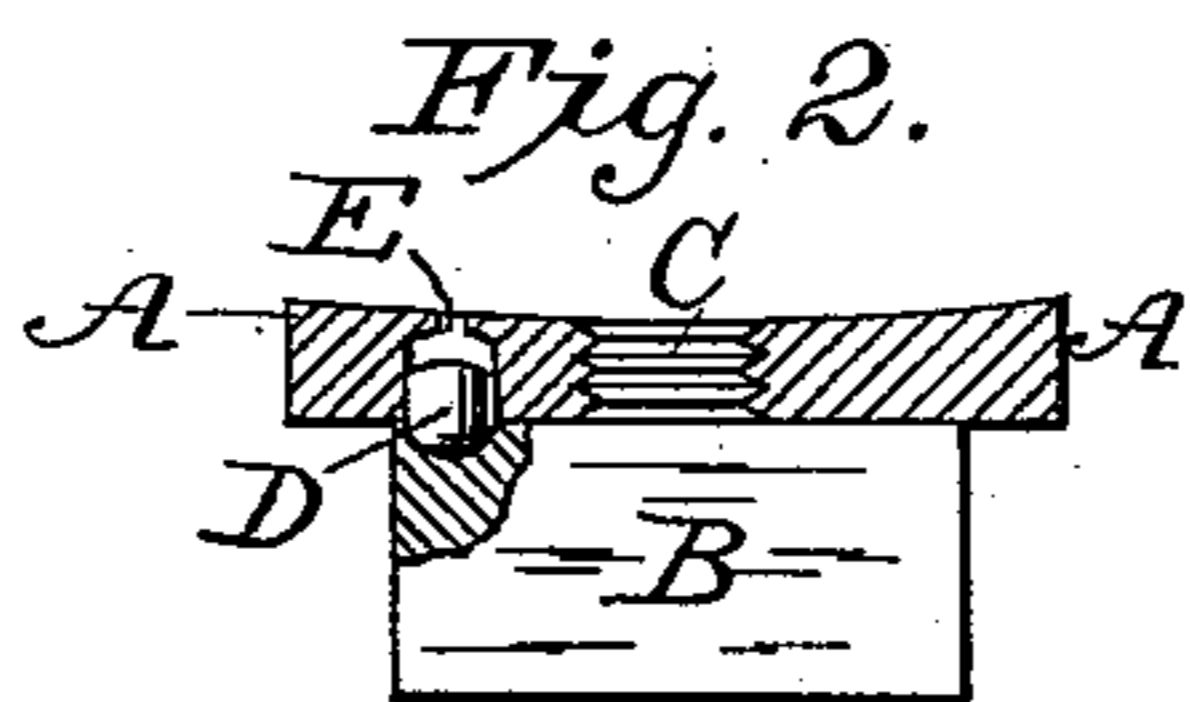


Fig. 2.



WITNESSES

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HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 250,820, dated December 13, 1881.

Application filed September 1, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN KURTZ, a citizen of the United States, residing at Montgomery Station, in the county of Lycoming and State of Pennsylvania, 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 will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention consists of the combination of a horseshoe having a calk inserted therein by means of a screw-stem with a lock or bolt held in place by its own weight for the purpose of locking the calk and preventing its stem from unscrewing, said bolt being capable of being moved back from the calk by lifting up the horse's foot and thus turning the same bottom upward.

In the accompanying drawings, Figure 1 is a perspective bottom view of a horseshoe having my improvement therein. Fig. 2 is a detached section, showing my bolt or lock for holding the calk from unscrewing.

In using my improvement in horseshoes the main body of the shoe may be made as seen at A, Fig. 1, and the calks B are to be inserted into the body A by means of the screw C on the shank of the calk, as has been heretofore done by others.

In the body of the shoe A, and also in the calk B, is made a small hole for the insertion of the bolt or lock D, as seen in Fig. 2. The weight of this bolt holds the same in place, and thus prevents the stem of the calk from unscrewing.

In order to remove the calk the foot of the horse is taken up and thus turned bottom upward, when the bolt D, by its own weight, retreats into the shoe and leaves the calk B to turn freely and thus unscrew the shank and remove the calk.

A small hole, E, is made to allow the escape of any dirt which may become embedded above the bolt D, and thus prevent the latter from retreating or being pushed back to release the calk when desired.

Having described my invention, what I claim is—

A horseshoe having removable calks with screw-threaded shanks, and a hole, E, for the escape of dirt, jointly with the bolt D, held in place by its own weight, and thus preventing the calk from turning when screwed home, substantially as set forth.

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

JOHN KURTZ.

Witnesses:

E. D. KURTZ,
DANIEL BREED.