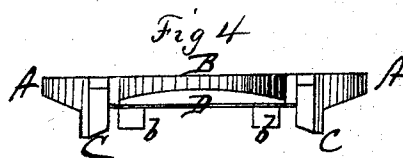
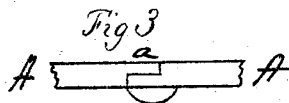
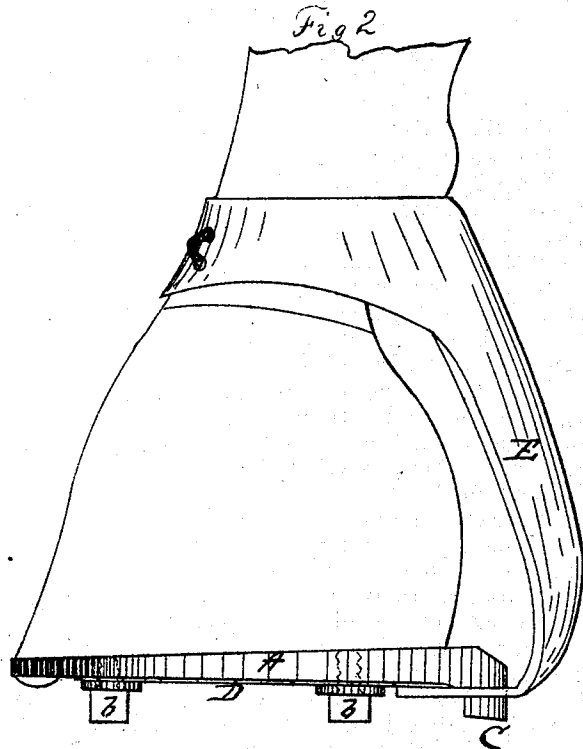
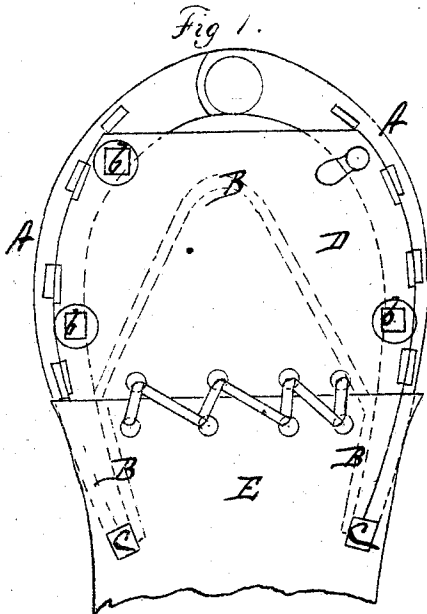


W. L. EDWARDS.

Improvement in Horse Shoes.

No. 123,007.

Patented Jan. 23, 1872.



Witnesses:

Frank L. Ourand
C. L. Ewert.

Inventor

Wm L Edwards
per *Handa Mason*
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM L. EDWARDS, OF ELLISON, ILLINOIS.

IMPROVEMENT IN HORSESHOES.

Specification forming part of Letters Patent No. 123,007, dated January 23, 1872.

To all whom it may concern:

Be it known that I, WILLIAM L. EDWARDS, of Ellison, in the county of Warren and in the State of Illinois, have invented certain new and useful Improvements in Horseshoe; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "horseshoe" for spreading a contracted hoof, or a hoof-bound foot, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a bottom view; Fig. 2, a side view; Fig. 3, a partial front view; and Fig. 4 is a rear view of the shoe.

My horseshoe is made in two equal parts, A A, hinged or pivoted together at the toe by a lap-joint, *a*, as shown in Fig. 3. The two parts A A are further connected together and pressed outward by means of a spring, B, which is bent in the middle, and the ends firmly riveted or otherwise secured to the heel ends of the shoe, as shown by dotted lines in Fig. 1. This spring in forcing the sides of the shoe outward expands the hoof, and as an auxiliary for this purpose the calks C C at the heel are beveled on the bottom inward. On the under side of the shoe is placed a metal

plate, D, secured by means of set-screws *b b*, which pass through slots in the plate. When the shoe is first put on these set-screws are loose so as to enable the shoe to spread and expand the hoof, and as soon as the hoof is expanded enough the set-screws are tightened, whereby the plate is caused to hold the shoe in any desired position. In the rear edge of the plate D is a number of holes for the purpose of attaching a leather apron, E, which passes around the heel of the shoe, the calks passing through holes in the same. The upper or loose end of the apron E is tied around the ankle, thus covering the heel and keeping out the dirt.

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

1. A horseshoe made in two parts, A A, hinged or joined together at the toe, and provided with a spring, B, bent in the center, and the ends attached to the sides of the shoe at the heel, substantially as and for the purposes herein set forth.

2. The combination of the horseshoe A A, spring B, beveled heel-calks C C, slotted plate D, set-screws *b b*, and apron E, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 1st day of November, 1871.

WM. L. EDWARDS.

Witnesses:

DAVID WORDEN,
H. W. ALLEN.