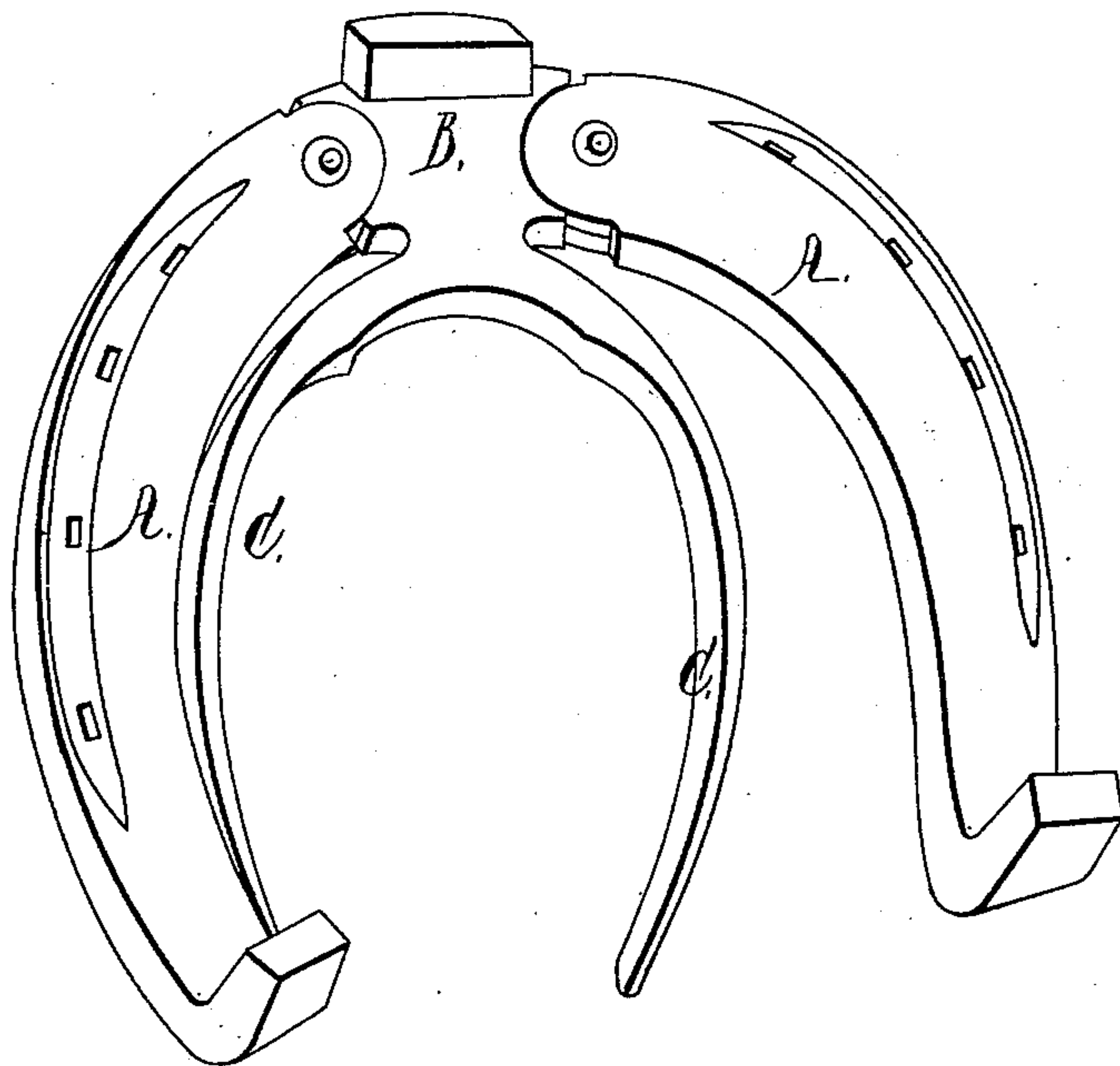


F. W. Edison,
Horseshoe.
No. 84,684. Patented Dec. 8, 1868.



Witnesses;
Charles A. Rice
H. J. Everts.

Inventor;
F. W. Edison
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Thos. S. Sprague

United States Patent Office.

FORDICE W. EDISON, OF PORT HURON, MICHIGAN.

Letters Patent No. 84,684, dated December 8, 1868.

IMPROVEMENT IN HORSE-SHOES.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, FORDICE W. EDISON, of Port Huron, in the county of St. Clair, and State of Michigan, have invented a new and useful Improvement in Horse-Shoes; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

The nature of my invention consists in the arrangement of expanding-springs to the toe-piece of a horse-shoe, the wings of which are pivoted to the latter, so as to hold the toe-piece and shoe firmly to the hoof, in addition to the nails by which the wings are fastened.

It consists of a shoe made in two sections, A A, made in the usual form, and of any appropriate metal, hinged to a steel plate and toe-calk, B, which forms a base, to which are attached the springs C, which are designed to lie between the frog of the foot and the shell of the hoof, and press against said shell, thereby constantly

forcing out the heel-portion of said shell, and preventing the contraction of the foot and the formation of corns.

In attaching the shoe to the foot, the shoe should be forcibly closed, at the heel, upon the spring, slightly contracting said spring until the shoe is nailed on and secured to the foot. For this purpose a pair of pincers or any proper clamp may be used.

I am well aware that springs have been used in horse-shoes heretofore, and this I do not claim broadly; but

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the expanding-springs C C on the toe-piece B, to which the wings A A are pivoted, substantially as and for the purposes set forth.

FORDICE W. EDISON.

Witnesses:

H. F. EBERTS,

CHARLES A. W. RICE.