

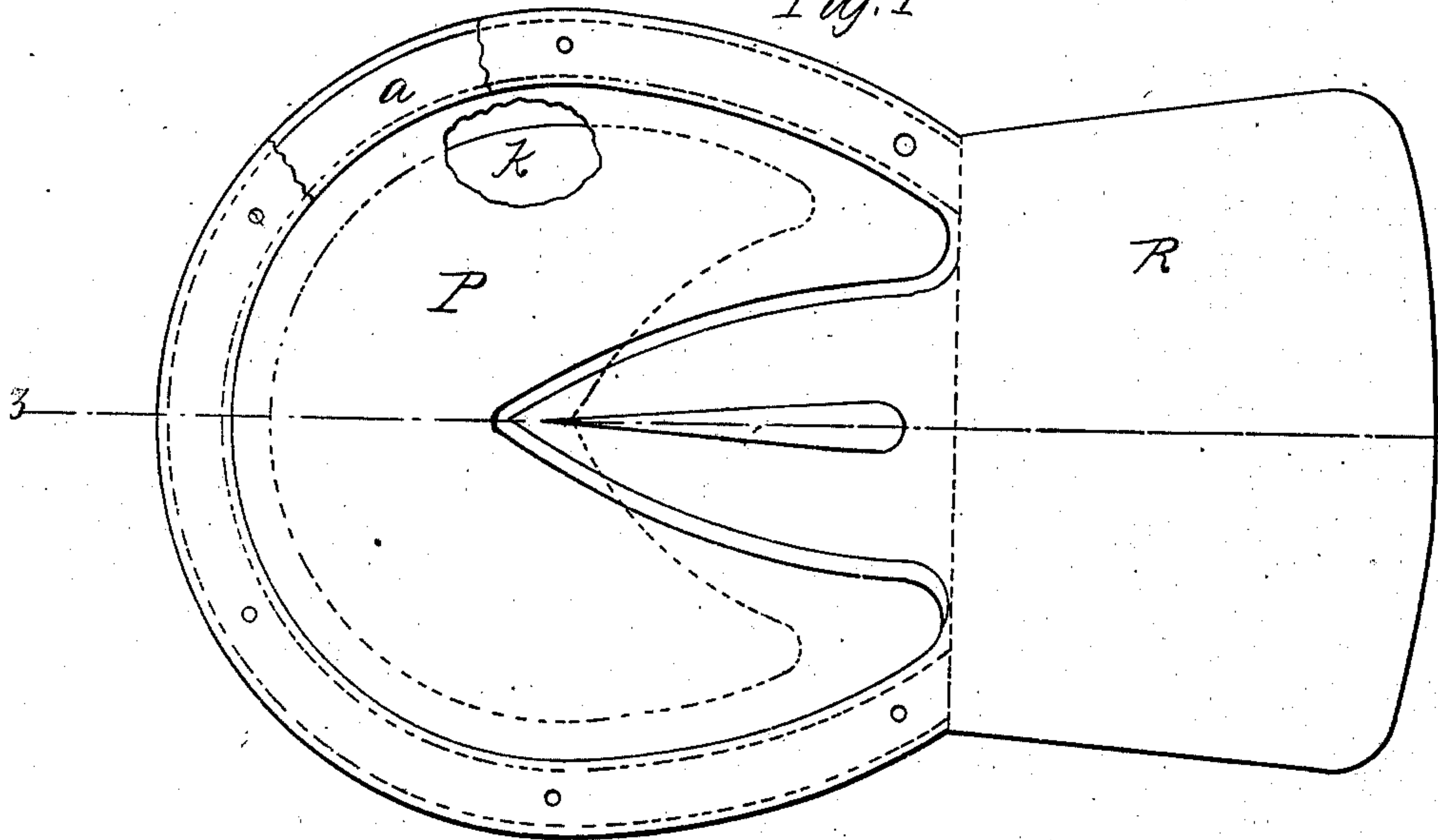
*A. S. Wilkinson,*

*Horseshoe.*

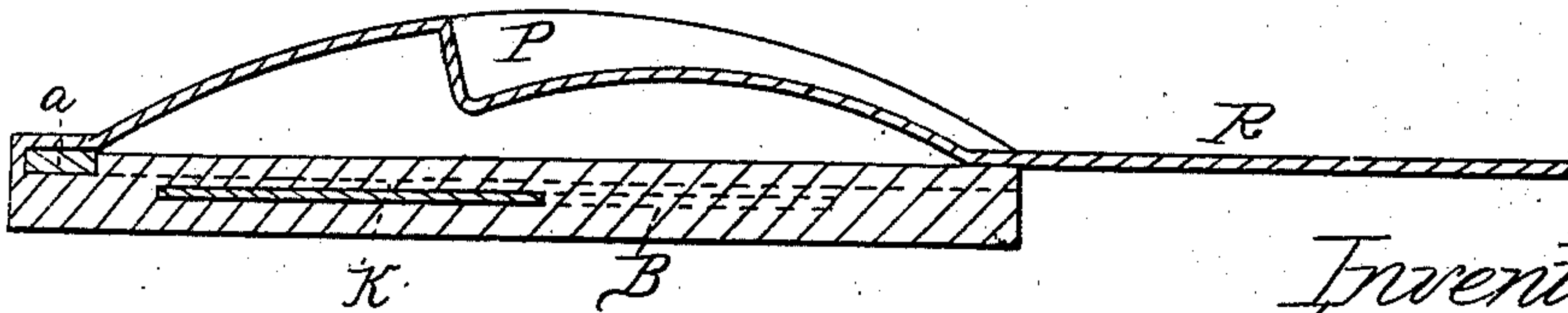
*No. 61,973.*

*Patented Feb. 12, 1867.*

*Fig: 1*



*Fig: 2*



*Witnesses:*

*Geo. W. Rockwell*

*Thomas J. Hurdle*

*Inventor:*  
*Munn and Co*  
*Attorneys for*  
*A. S. Wilkinson*  
*By O. Knight*  
*Sup*

# United States Patent Office.

ALBERT S. WILKINSON, OF PROVIDENCE, RHODE ISLAND.

*Letters Patent No. 61,973, dated February 12, 1867.*

## IMPROVED HORSE-SHOE.

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

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALBERT S. WILKINSON, of Pawtucket, in the county of Providence, and State of Rhode Island, have invented a new and improved Rubber-Soled Horse-Shoe; and I do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable one skilled in the art to which the invention appertains to make use of it, reference being had to the accompanying drawing, which forms a part of this specification, in which—

Figure 1 is a top view of my improved shoe, in which the rubber sole extends over the whole sole of the foot; and

Figure 2 is a vertical longitudinal section taken in the line *z z*, fig. 1.

This invention relates to an improved shoe to prevent slipping on pavements, ice, etc., and consists in providing for shoes of animals a sole of rubber or other elastic material extending over the entire sole of the foot, as hereinafter set forth.

B is the rubber sole, which is extended over the entire sole and the whole hollow of the foot; R is a heel-flap, which is employed to prevent dirt entering at the heel and lodging in between the rubber sole and the sole of the foot, the said heel-flap R being fastened up behind the heel. This shoe has a fair lower face, as shown by the section, fig. 2, and has a skeleton iron or steel plate, *a*, embedded in its outer edge to give it proper rigidity at the edge, and also to aid in securing the shoe to the foot in a substantial manner. P is an air-cushion so shaped as to fit around the frog and accurately fill the hollow of the foot; *k* is a metallic shield or thin plate of metal cast in the rubber sole, and guards the sole of the foot from nails, broken glass, etc., which might otherwise penetrate or prick through the rubber sole B. To give this shoe increased bite, the whole lower face of the rubber sole may have coarse emery or other gritty material fixed thereon when the shoe is manufactured.

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

1. I claim a rubber sole B extending over the whole sole of the foot, in combination with a stiffening metallic shoe *a*, substantially in the manner and for the purpose set forth.

2. And in combination with the above I claim the metallic shield *k*, substantially in the manner and for the purpose set forth.

3. I claim the air-cushion P, in combination with the flap R, substantially in the manner and for the purpose set forth.

ALBERT S. WILKINSON.

Witnesses:

E. P. PATERSON,  
W. W. BLODGETT.