

*G. W. Davis,
Boot Heel.*

N^o 62,017.

Patented Feb. 12, 1867.

Fig. 1.

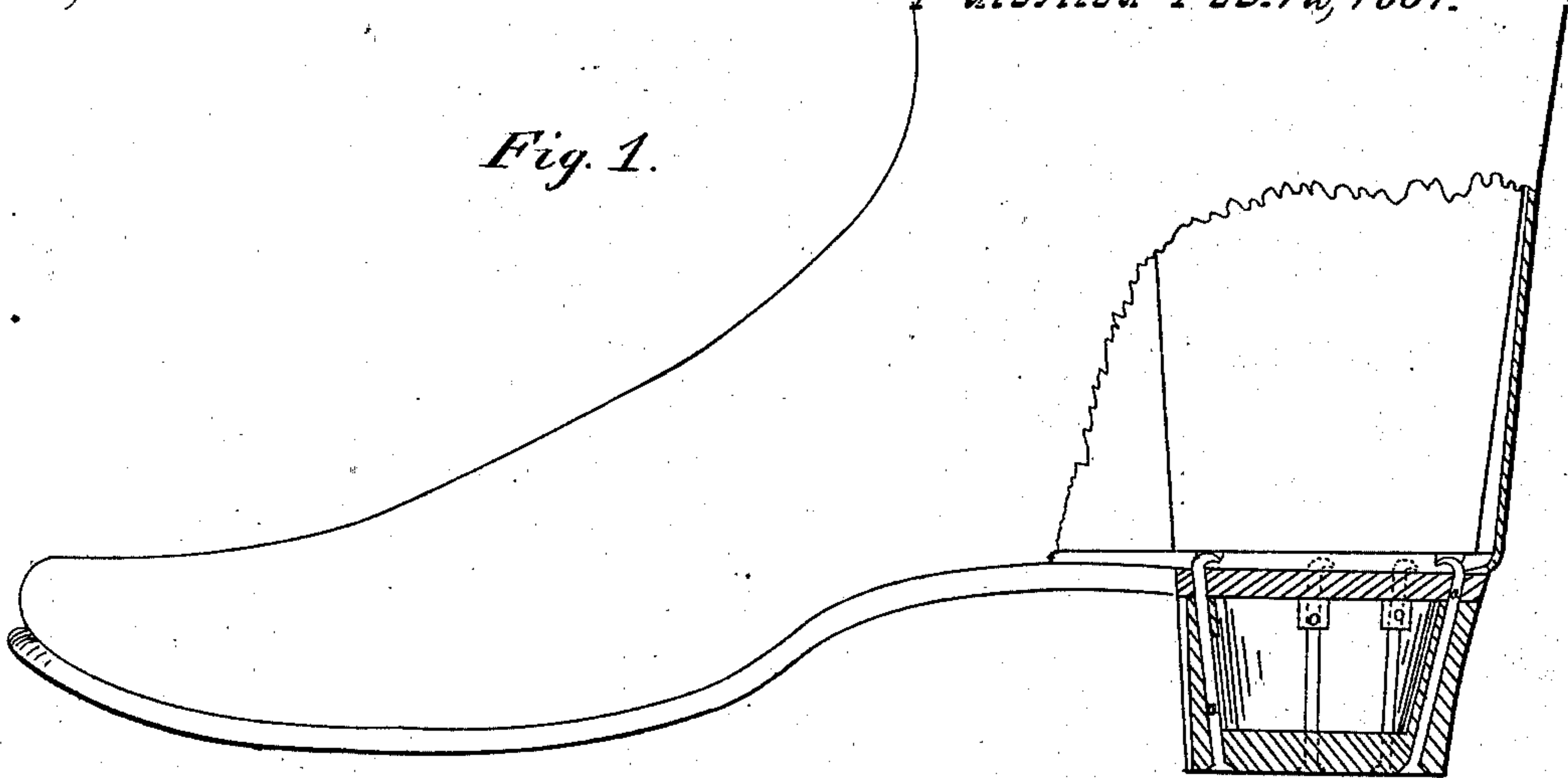


Fig. 3.

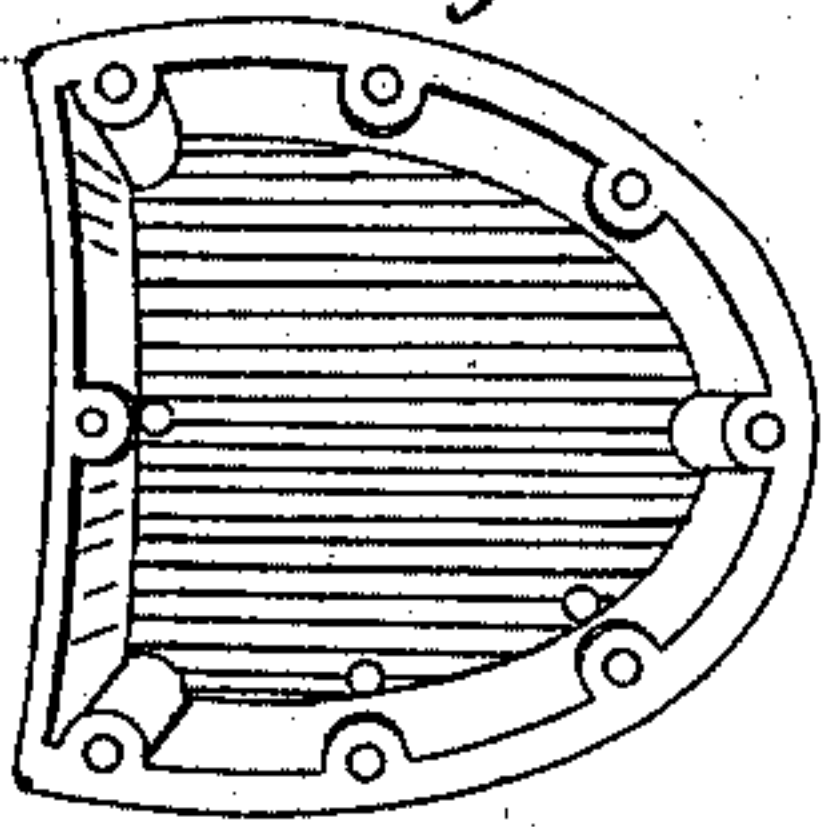
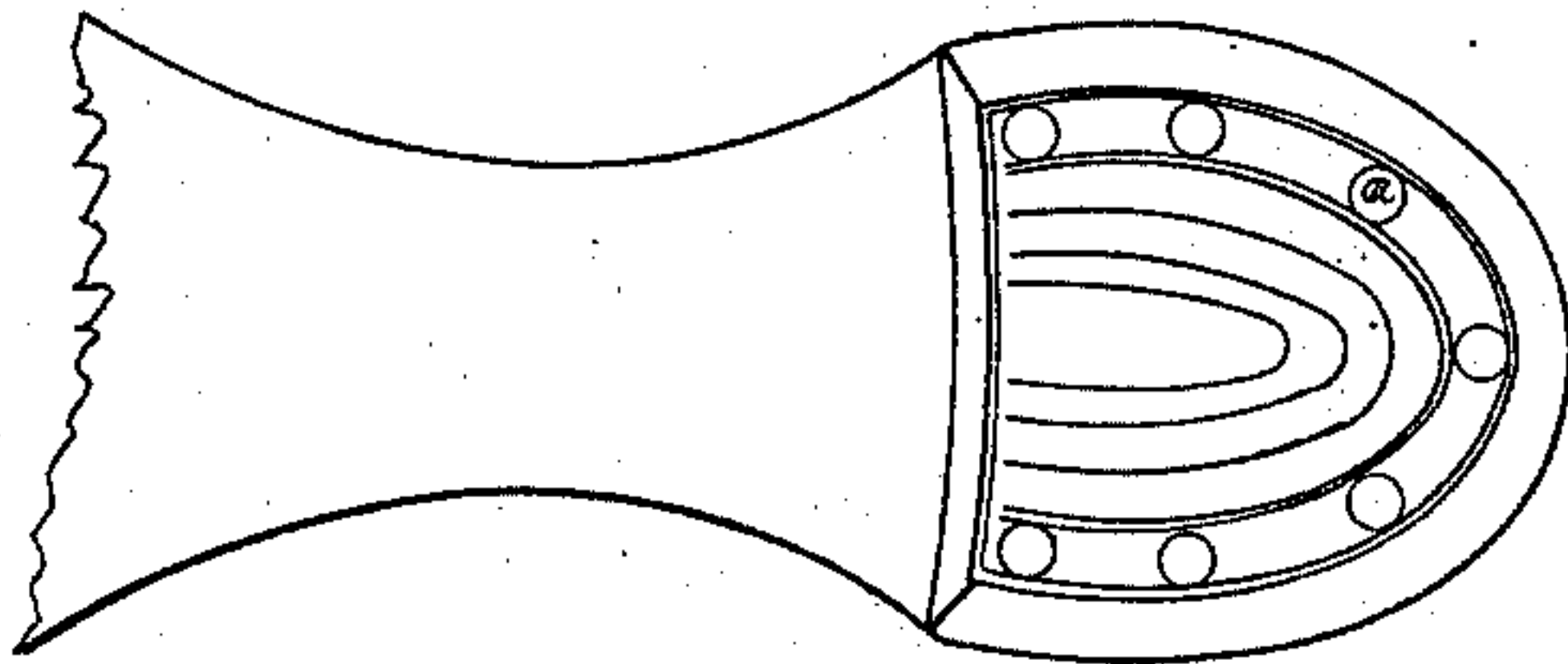


Fig. 2.



Witnesses

*John Richards
William Riches*

Inventor

G. W. Davis

United States Patent Office.

GEORGE W. DAVIS, OF MILFORD CENTRE, OHIO.

Letters Patent No. 62,017, dated February 12, 1867.

IMPROVEMENT IN BOOT HEELS.

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, GEORGE W. DAVIS, of Milford Centre, in the county of Union, and State of Ohio, have invented a new and improved Metallic Heel for Boots and Shoes; and I do hereby declare the following is a full and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a sectional view showing the manner of attaching the metallic heel.

Figure 2 is a view of the bottom of the heel.

Figure 3 is a top view of the heel detached.

Similar letters of reference in the different figures indicate corresponding parts.

The nature of my invention consists in hollow metallic heel for boots and shoes, cast from iron, brass, or other suitable material, and in the manner of attaching it to boots and shoes.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and manner of use.

The heel is cast from brass, iron, or other suitable material, of a single piece with the cavity cored out, leaving the bosses or projections *a* for the purpose of attaching to the boot or shoe. Three of these ribs or bosses extend the whole depth of the heel, giving it strength and stiffness and allowing the main shield to be made thinner and lighter than it would otherwise have to be. The other lugs serve as a guide and support for the clinch nails used in attaching the heels, as shown in fig. 1. The heel is attached by means of malleable clinch nails passing through suitable holes drilled to receive them. These nails *a* have countersunk heads, as shown, and being set in one of the corrugations on the bottom, as shown in fig. 2, and all nearly flush with the bottom when finished. The corrugations or grooves shown in the bottom of the heel keep it from slipping upon ice and snow, overcoming this objection to a plain metallic plate. The nails *a' a'* pass through the outer and inner soles and are firmly clinched, as shown, holding the heel firmly to the boot or shoe.

I do not claim broadly a metallic heel, such heels having been known and used, but what I claim, and desire to secure by Letters Patent, is—

A cast metallic heel constructed as described, in combination with the devices for uniting the same to boots and shoes as herein set forth.

GEORGE W. DAVIS.

Witnesses:

J. O. BAKER,

WM. THOMPSON.