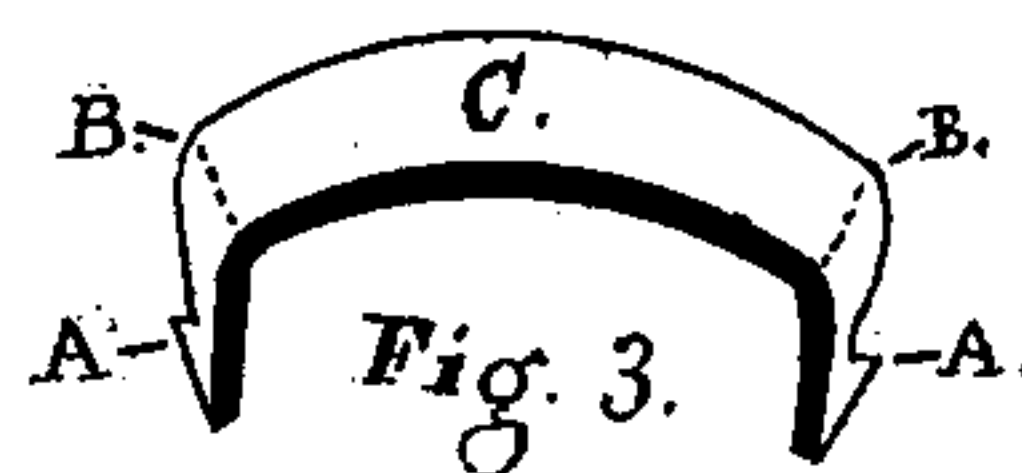
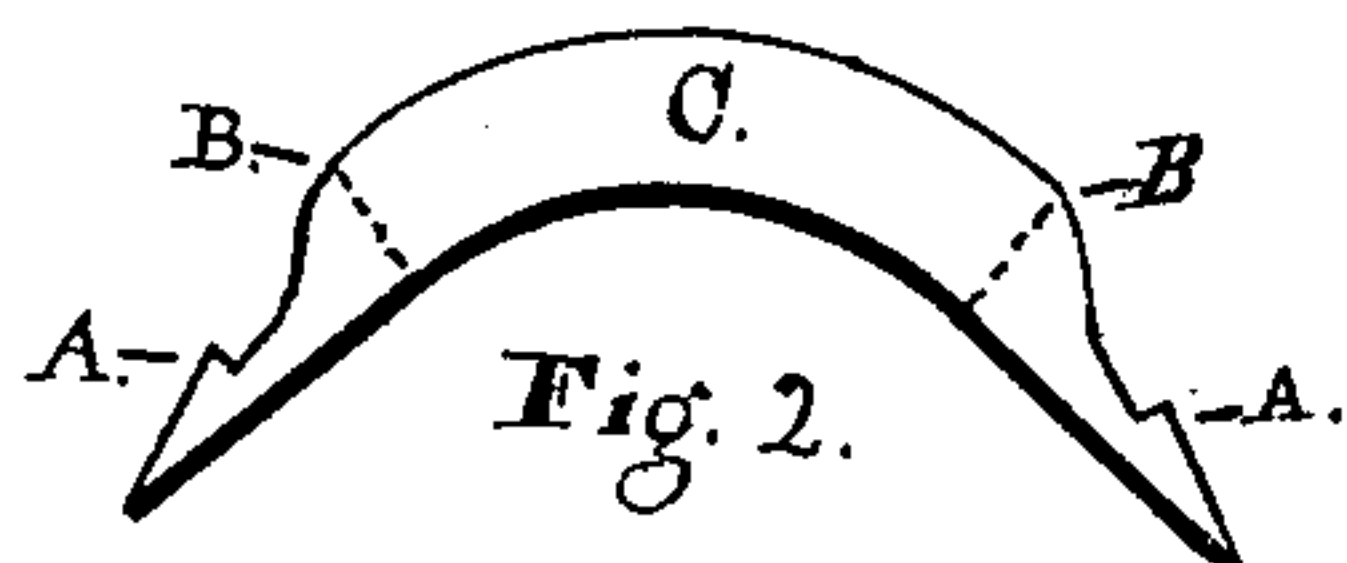
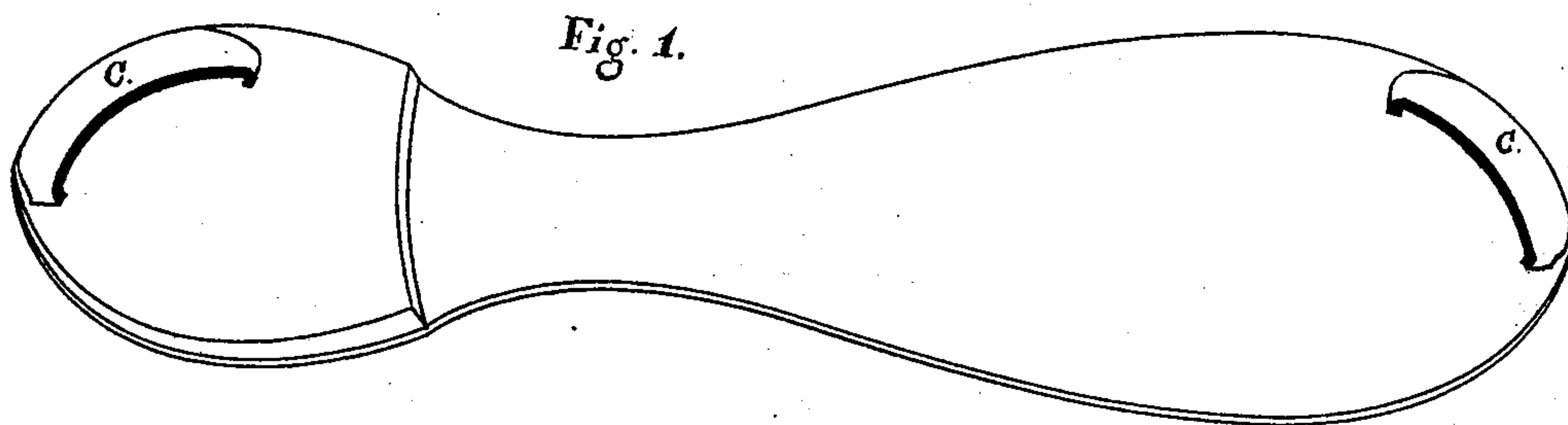


W. P. WHITTIER, Jr.
Sole and Heel Plate for Boots and Shoes.

No. 226,894.

Patented April 27, 1880.



Witnesses.
Winfield S. Dennett.
Matthias Sherman

Inventor.
William P. Whittier, Jr.

UNITED STATES PATENT OFFICE.

WILLIAM P. WHITTIER, JR., OF BIDDEFORD, MAINE.

SOLE AND HEEL PLATE FOR BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 226,894, dated April 27, 1880.

Application filed February 27, 1880.

To all whom it may concern :

Be it known that I, WILLIAM P. WHITTIER, Jr., of Biddeford, in the county of York and State of Maine, have invented a new and useful Heel or Sole Plate for Heels and Soles of Boots and Shoes, of which the following is a specification.

The invention relates to heel or sole plates and their manner of fastening.

Heretofore it has been difficult to obtain a heel or sole plate that will fit the heel or sole of any boot or shoe, on account of the many changes of the form of the heel and sole.

The object of my invention is to do away with so many sizes of heel and sole plates and the use of screws or nails, and provide a heel or sole plate and fastening made from one and the same piece of metal, which can be applied to any part of the heel or sole where it wears off unevenly. This I accomplish by cutting with dies a curved plate provided with end barbed fastenings bent at right angles to the plate, for the purpose of driving into any part of the heel or sole where it wears off unevenly.

The advantages of this heel or sole plate are that one of three sizes will always fit the heel or sole of any boot or shoe, and the fastening

being a part of the plate, it will not work loose. It is quickly applied, will not catch or tear carpets, and will come off easily when worn out; and, further, as it covers a very small part of the heel or sole, it will not slip.

This heel or sole plate can be cut with dies and the fastenings bent at the same time, or they can be bent by a second process.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is a view of my invention applied. Fig. 2 is a diagram of a blank as it is cut with dies. Fig. 3 is a perspective view of my invention ready for use.

In Figs. 2 and 3, A are the two ends which form the fastening. The dotted lines B show where the fastening is bent. C is the curved plate which receives the wear of the heel or sole.

What I claim as my invention is—

The heel or sole plate shown and described, consisting of the curved plate C, provided with end barbed fastenings bent at right angles to the plate, for the purpose set forth.

WILLIAM P. WHITTIER, JR.

Witnesses:

R. H. INGERSOLL,
CHAS. C. MOODY.