

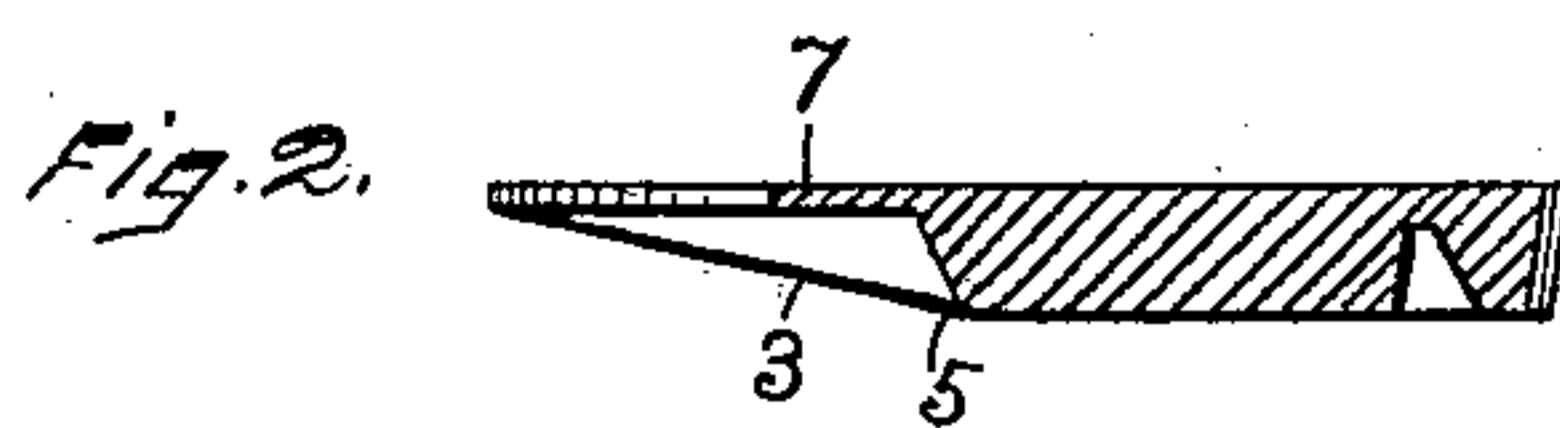
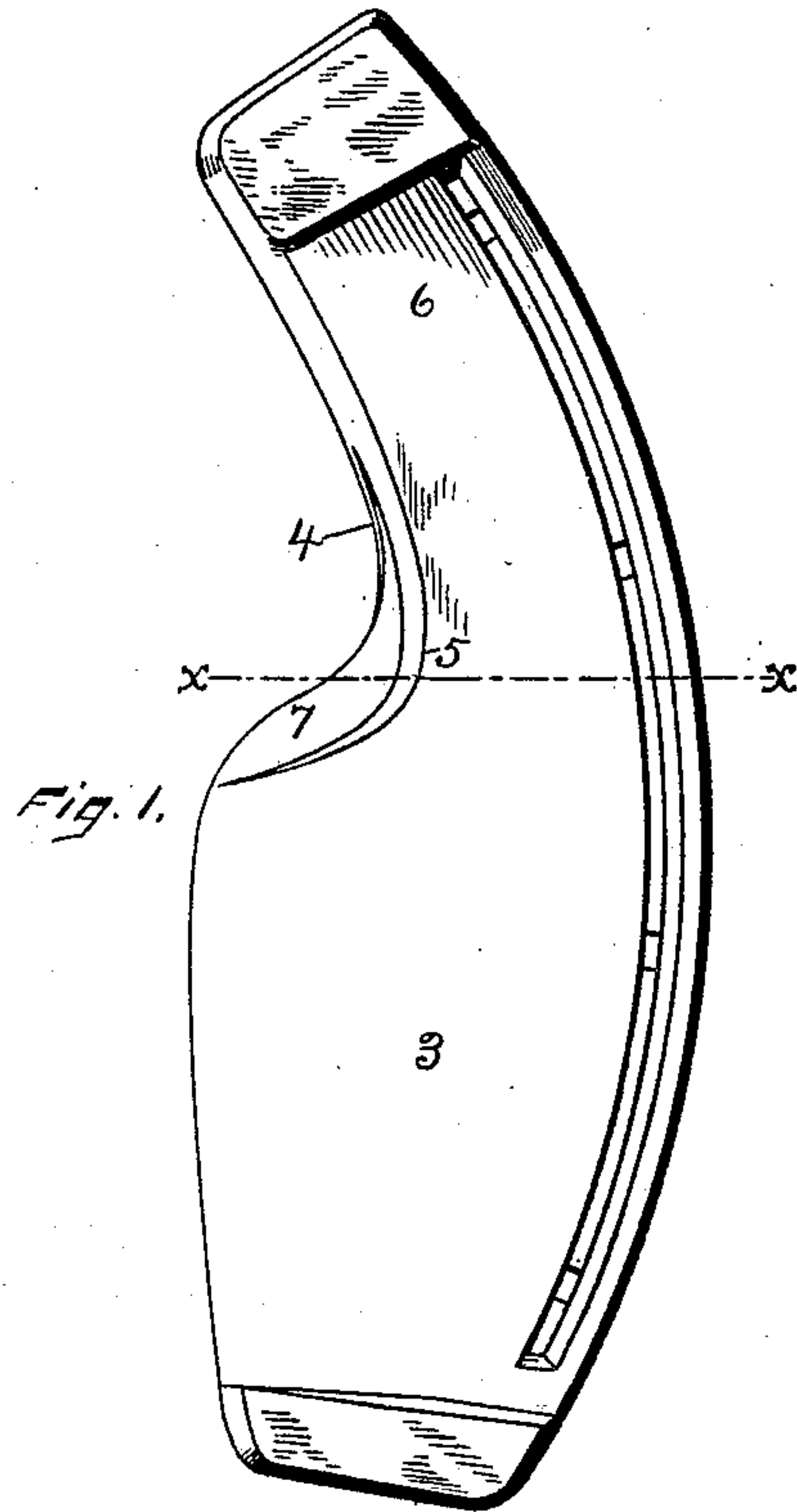
(No Model.)

J. DEEBLE.

OX SHOE.

No. 398,034.

Patented Feb. 19, 1889.



WITNESSES.
John Edwards Jr.
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INVENTOR,
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UNITED STATES PATENT OFFICE.

JOHN DEEBLE, OF SOUTHTON, CONNECTICUT, ASSIGNOR TO THE SCRANTON FORGING COMPANY, OF SCRANTON, PENNSYLVANIA.

OX-SHOE.

SPECIFICATION forming part of Letters Patent No. 398,034, dated February 19, 1889.

Application filed September 27, 1888. Serial No. 286,515. (No model.)

To all whom it may concern:

Be it known that I, JOHN DEEBLE, a citizen of the United States, residing at Southington, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Ox-Shoes, of which the following is a specification.

My invention relates to improvements in that class of ox-shoes which are made by machinery and afterward fitted to the foot by the blacksmith; and the object of my improvement is to enable the smith to more conveniently and better fit the shoe, and at the same time to leave the shoe with the usual amount of supporting-surface for the ball of the foot.

In the accompanying drawings, Figure 1 is a plan view of my ox-shoe looking upon the under side, and Fig. 2 is a transverse section thereof on line *x x* of Fig. 1.

The general shape of the shoe is old, and the broad portion of the shoe 3, which supports the ball of the foot, is of the ordinary contour and extends forward to the point 4, the same as in the ordinary shoe. Instead, however, of beveling the shoe back from its edge at the forward part of the body portion 3 on the inside, I narrow up the thick portion of the shoe and form a shoulder, 5, at the junction of the body portion 3 and toe portion 6, while the portion outside of this shoulder is in the form of a fin or web, 7, as shown. This has the effect to elongate the toe portion of the shoe by extending it toward the heel, while at the same time the contour of the body portion which rests against the foot is of the usual length and form and serves to support the ball of the foot the same as if the toe portion had not been prolonged toward the heel, as described. The fin or web 7, although thin, is so narrow and projects so slightly from the thicker portion from which it derives its strength as to furnish ample support to the ball of the foot. The remaining part of the body portion 3 is of the ordinary form and thickness.

In shoes made by machinery—as, for instance, by drop-dies—it is customary to form the outer edge of a given-sized shoe on a curve of the greatest radius that will be wanted, and if, in fitting, a sharper curve is required, the shoe is curved by the smith who sets it. By making the shoe in the manner described the inner edge may be placed upon the horn of an anvil and the toe portion 6 curved, as may be desired, at any point between the toe end and the line *x x*, or gradually curved from the toe to said line. In so curving the shoe edgewise the web 7 would of course become bent; but after the proper curve has been given to the shoe this web can be flattened down again with a hammer upon an anvil, thereby leaving it in the form shown. By so forming the shoe that its curve may be extended to the line *x x* a much more graceful bend and a better fit can be made than is possible with the old style of shoe, which in fitting could not be curved or bent much below the junction of the toe and body portion, said junction being indicated by the point 4 in the drawings.

By my improvement I am not only enabled to make the bend of the shoe extend farther upon the body portion, but I leave the main part of the body portion 3 of its usual form and thickness, so that the ball of the foot is firmly supported.

I claim as my invention—

As a new article of manufacture, the herein-described ox-shoe, having at the junction of the toe and body portions on the inside the web 7, and the shoulder 5 a short distance from the edge of said web, while the other parts of the shoe are of ordinary form, substantially as described, and for the purpose specified.

JOHN DEEBLE.

Witnesses:

CHARLES W. DUTTON,
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