(No Model.)

A. SEAVER.

WELT FOR BOOTS OR SHOES.

No. 453,985. Patented June 9, 1891.

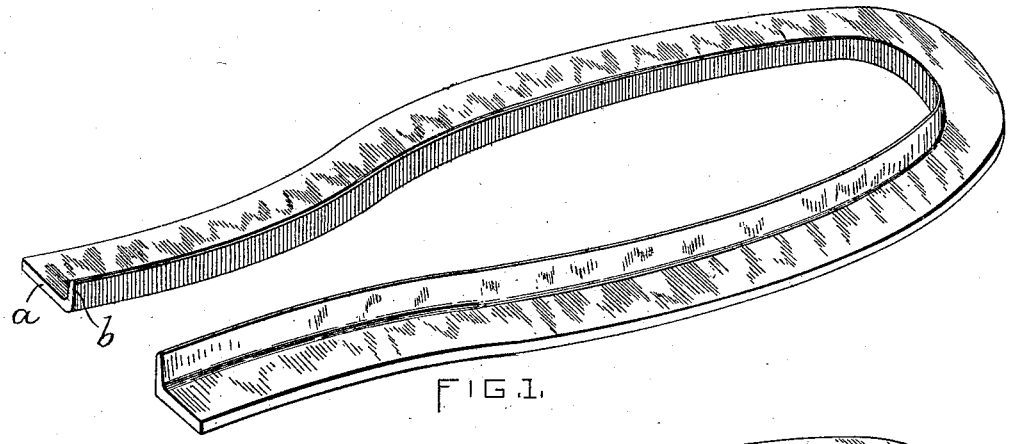

FIG. 1.

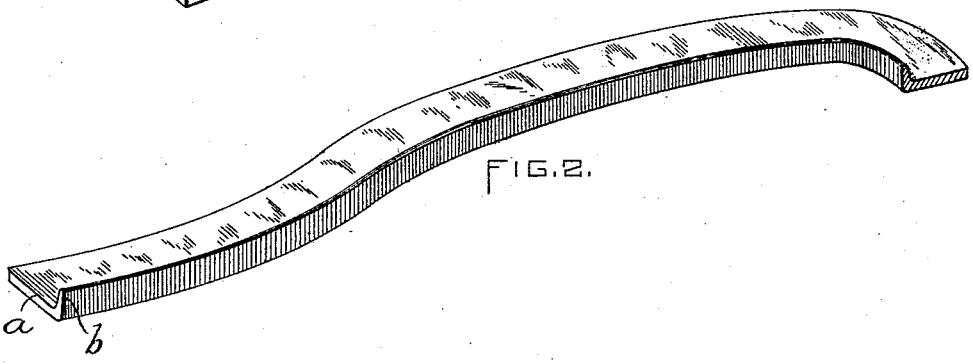

FIG. 2.

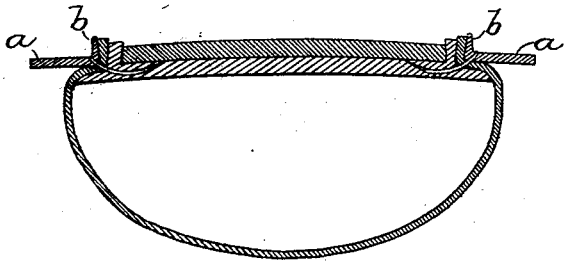

FIG. 3.

WITNESSES:
A. D. Harrison.
Ewing H. Chandlee.

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Augustus Seaver
by Wright Brown Quinby & Atty.

UNITED STATES PATENT OFFICE.

AUGUSTUS SEAVER, OF BOSTON, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO CHARLES F. BROWN, TRUSTEE, OF READING, MASSACHUSETTS.

WELT FOR BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 453,985, dated June 9, 1891.

Application filed September 20, 1890. Serial No. 365,596. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS SEAVER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Welts for Boots and Shoes, of which the following is a specification.

This invention relates to welts which are sewed at their inner edges to the uppers and inner soles of welted boots and shoes and at their outer edges to the outer soles of such boots and shoes; and it has for its object to facilitate the application of the welt to the other parts of the boot or shoe and to make the operation of uniting the welt to the upper and inner sole, particularly when said operation is performed by a sewing-machine, more rapid and satisfactory than heretofore.

A welt of the kind above mentioned is turned upwardly at its inner edge to give it a bearing on the upper, the turned-up portion constituting a flange which stands at about a right angle to the main portion of the welt in the completed boot or shoe. Heretofore this flange has been formed during the operation of attaching the welt to the upper and inner sole, the machine which attaches the welt being provided with a guide formed to bend the strip of leather composing the welt, so that when it is attached it will have the flange above mentioned. The necessity of bending the welt to form the flange while the welt is being attached makes the operation somewhat difficult and requires the exercise of much care on the part of the operator.

My invention consists in a welt the flange of which is formed prior to the attaching operation, or, in other words, in a welt which has a molded flange extending the entire length of the welt along its inner edge, said molded flange enabling the welt to be much more easily applied than heretofore, besides giving the flange a better and more clearly defined form than heretofore, all of which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of a flanged welt embodying my invention, formed to extend entirely around the fore part of a boot or shoe. Fig. 2 represents a similar view of a flanged welt, formed to extend from the shank to the toe; and Fig. 3 represents a sectional view of the welt and portions of the upper and inner sole, showing the said parts connected.

The same letters of reference indicate the same parts in all the figures.

In carrying out my invention I make a welt *a* from a strip of leather, which is curved to correspond to the contour of the inner sole, to which it is to be attached, and is provided on its inner edge with a flange *b*, which stands substantially at right angles with the body *a* of the welt. I prefer to give the welt its longitudinal curvature which adapts it to the contour of the margin of the inner sole by cutting the welt in the desired form from a sheet of leather, the cutting being along the curved lines required to give the welt the desired curvature. The flange *b* is formed by suitably molding the welt by means of dies, rolls, or any other suitable means adapted to turn up the inner edge of the welt and properly set the turned-up portion to make a permanent flange of substantially the form shown in the drawings. The edge that is turned up to form the flange is preferably slightly skived or beveled to give the edge of the flange a lesser thickness than the body of the welt.

It will be seen that this improved welt provided with a permanent flange can be attached to the upper and inner sole without the exercise of the special care required in forming the flange when the welt is being attached and without the resistance of the feeding of the welt which is involved in passing the same through the guide adapted to turn up its inner edge.

I claim—

As an improved article of manufacture for welted boots and shoes, a welt having a pressed or molded flange formed on its inner edge, said flange being narrower than the body of the welt, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 18th day of September, A. D. 1890.

AUGUSTUS SEAVER.

Witnesses:

C. F. BROWN,

A. D. HARRISON.