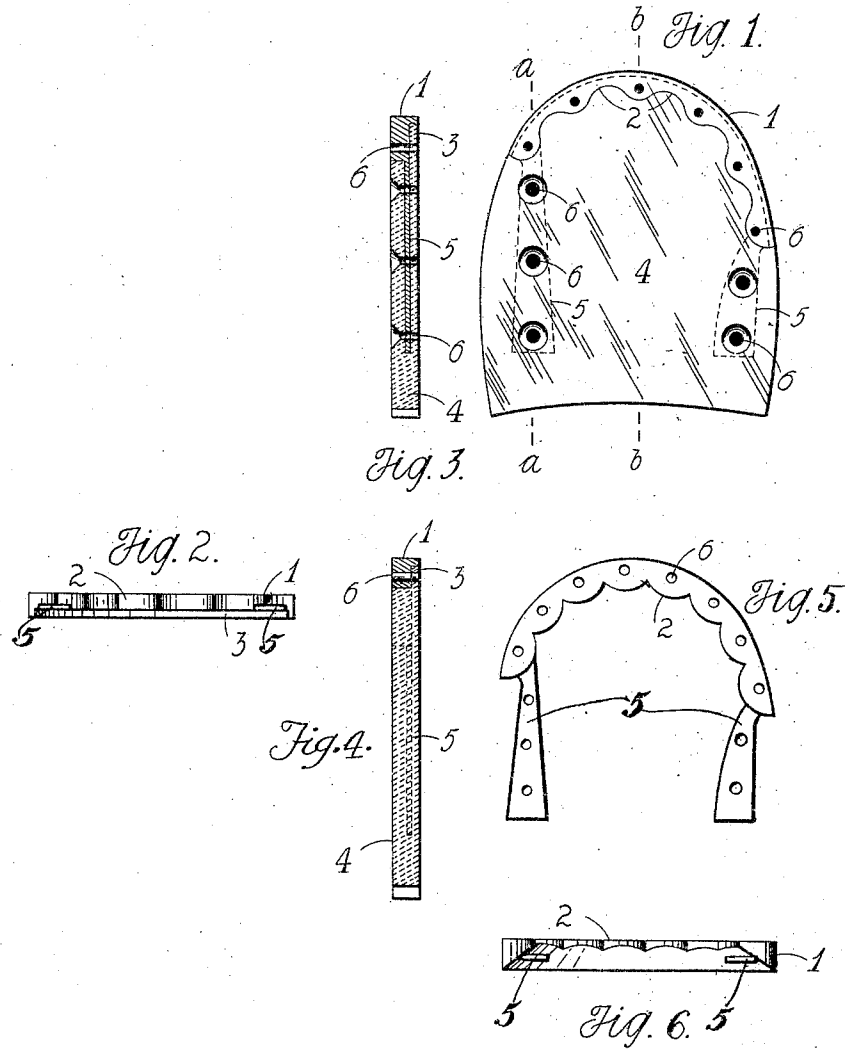


H. THORNE.
 RESILIENT TOP PIECE FOR THE HEELS OF BOOTS AND SHOES.
 APPLICATION FILED JUNE 29, 1911.

1,044,294.

Patented Nov. 12, 1912.



Witnesses:
[Signature]
[Signature]

Inventor
 Henry Thorne
 by *[Signature]*

UNITED STATES PATENT OFFICE.

HENRY THORNE, OF MELBOURNE, VICTORIA, AUSTRALIA.

RESILIENT TOP PIECE FOR THE HEELS OF BOOTS AND SHOES.

1,044,294.

Specification of Letters Patent.

Patented Nov. 12, 1912.

Application filed June 29, 1911. Serial No. 636,029.

To all whom it may concern:

Be it known that I, HENRY THORNE, subject of the King of Great Britain, residing at Melbourne, in the State of Victoria and Commonwealth of Australia, have invented an Improved Resilient Top Piece for the Heels of Boots and Shoes, of which the following is a specification.

This invention relates to an improved resilient top piece for the heels of boots and shoes, which has been devised to take the place of the ordinary rubber top piece which is secured to the top lift of the heel proper.

The object of the invention is to provide a top piece which when secured to the top lift of the heel proper will make the heel as resilient as a heel fitted with the ordinary rubber top piece, and at the same time resist wear for a much longer period.

The invention consists in the construction and arrangement of the several parts which will be more fully hereinafter described and claimed.

Referring now to the annexed sheet of drawings in which the same reference numerals indicate the same parts wherever they occur:—Figure 1 is a plan of a top piece for the heels of boots and shoes constructed according to my invention. Fig. 2 is a front view of the wearing strip showing the rabbeted portion thereof. Fig. 3 is a section on line *a a* Fig. 1, and Fig. 4 a section on line *b b* of the same figure. Figs. 5 and 6 show in plan and side elevation a modified form of wearing strip.

1 is a wearing strip of metal which is constructed in the form of an arc as shown, its inside portion 2 being preferably corrugated.

3 is the rabbet on the under side of the said wearing strip 1.

4 is the resilient material consisting either of india rubber, pulp leather, or composite material in which said wearing strip is embedded.

5 are tangs which project one from each end of said wearing strip 1, and are like the latter embedded in the resilient material as shown in Figs. 1, 3, and 4. These tangs prevent any possibility of the said wearing strip getting out of position.

6 are holes in the wearing strip 1 and tangs 5 to receive nails or screws for securing the top piece to the heel proper.

As shown in Fig. 6 the wearing strip 1 may have its under side 3 inclined instead of rabbeted as shown in Fig. 2. In order to manufacture my said top piece the wearing strip 1 is first placed with its rabbeted side upward in a mold of a predetermined size and the desired quantity of india rubber, pulp leather, or composite material in a plastic condition is supplied to said mold. Pressure is then applied with the result that the whole is solidified the wearing strip being embedded in the resilient material flush with the outside surface thereof.

What I claim as my invention, and desire to secure by Letters Patent, is:—

A top or tread piece for the heels of boots and shoes, composed of resilient material, combined with a narrow arc-shaped metal wearing strip having its under side rabbeted and its inner edge regularly corrugated, the wearing strip having securing tangs projecting from the opposite ends thereof and extending forwardly within and inclosed by the body of the top or tread piece, openings being formed in the top or tread piece for receiving fastening devices therefor.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY THORNE.

Witnesses:

WALTER S. BAYSTON,
FRANK BAYSTON.