

(No Model.)

J. W. ROGERS.
HEEL.

No. 517,965.

Patented Apr. 10, 1894.

FIG. 2.

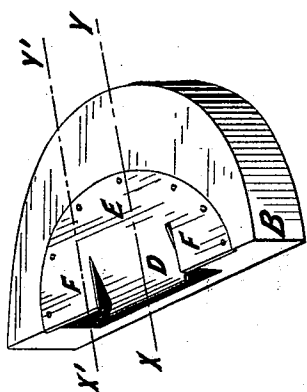


FIG. 1.

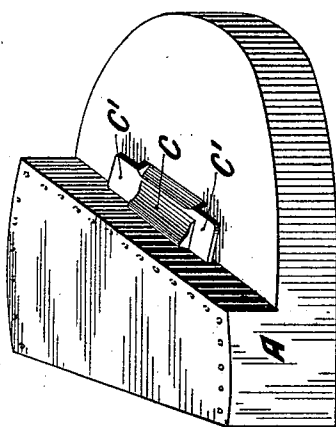


FIG. 4.

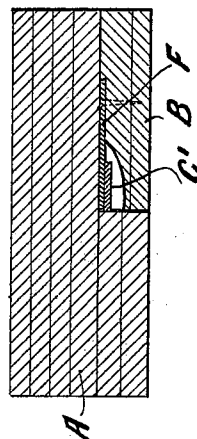
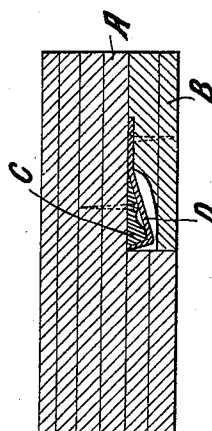


FIG. 3.



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UNITED STATES PATENT OFFICE.

JAMES WILLIAM ROGERS, OF LONDON, ENGLAND.

HEEL.

SPECIFICATION forming part of Letters Patent No. 517,965, dated April 10, 1894.

Application filed July 3, 1893. Serial No. 479,486. (No model.)

To all whom it may concern:

Be it known that I, JAMES WILLIAM ROGERS, a subject of the Queen of Great Britain, residing at London, England, have invented a new and useful Improved Manner of Renewing the Wearing Parts of Heels of Boots or Shoes, of which the following is a specification.

This invention relates to so forming heels for boots and shoes that the wearing part is made detachable and attachable at will, as hereinafter described.

To enable this invention to be properly understood, I will proceed to describe the same with aid of the accompanying drawings, in which—

Figure 1, is a perspective view illustrating the main or body part of a heel inverted with the wearing part made separate according to this invention and removed. Fig. 2 illustrates the wearing detachable part separated from the heel; Fig. 3 a vertical section of a heel with the wearing part attached, this view is taken on the line X Y, Fig. 2; Fig. 4 a similar view taken on line X' Y'.

A, is the heel proper, and B, the wearing part, made to be attached and detached to part A, at will as follows: Connected to the part A is a catch device C, to engage a spring tongue catch D, formed from a plate E, secured to under side of wearing part B. The front of the plate E, at F, passes under the plate C', when the part B, is attached as at Fig. 4, and the spring tongue D, springs into the catch C as at Fig. 3, which secures the

part B, to the part A, and so completing a heel. When the part B, becomes worn it is easily removed by a knife blade being pressed between the division of the two parts A and B, to press out the spring tongue D from the catch C, when the piece D, can be removed, and a fresh piece put on, thus the heel becomes at once renewed at a trifling cost which can be continued as long as the boot or shoe lasts, and without the objectionable appearance other forms of heel renewers have hitherto presented.

A heel formed according to this invention cannot be detected from one made up in the usual way.

Having now described my invention, what I desire to secure by Letters Patent of the United States is—

In a renewable heel, the combination of the fixed part A cut away along the rear lower portion; the catch C provided with overhanging wings C', the detachable part B cut away near the center thereof, the plate E having wings F adapted to engage between said wings C' and the fixed portion A of the heel; and the spring clip D adapted to engage the catch C, substantially as and for the purposes described.

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