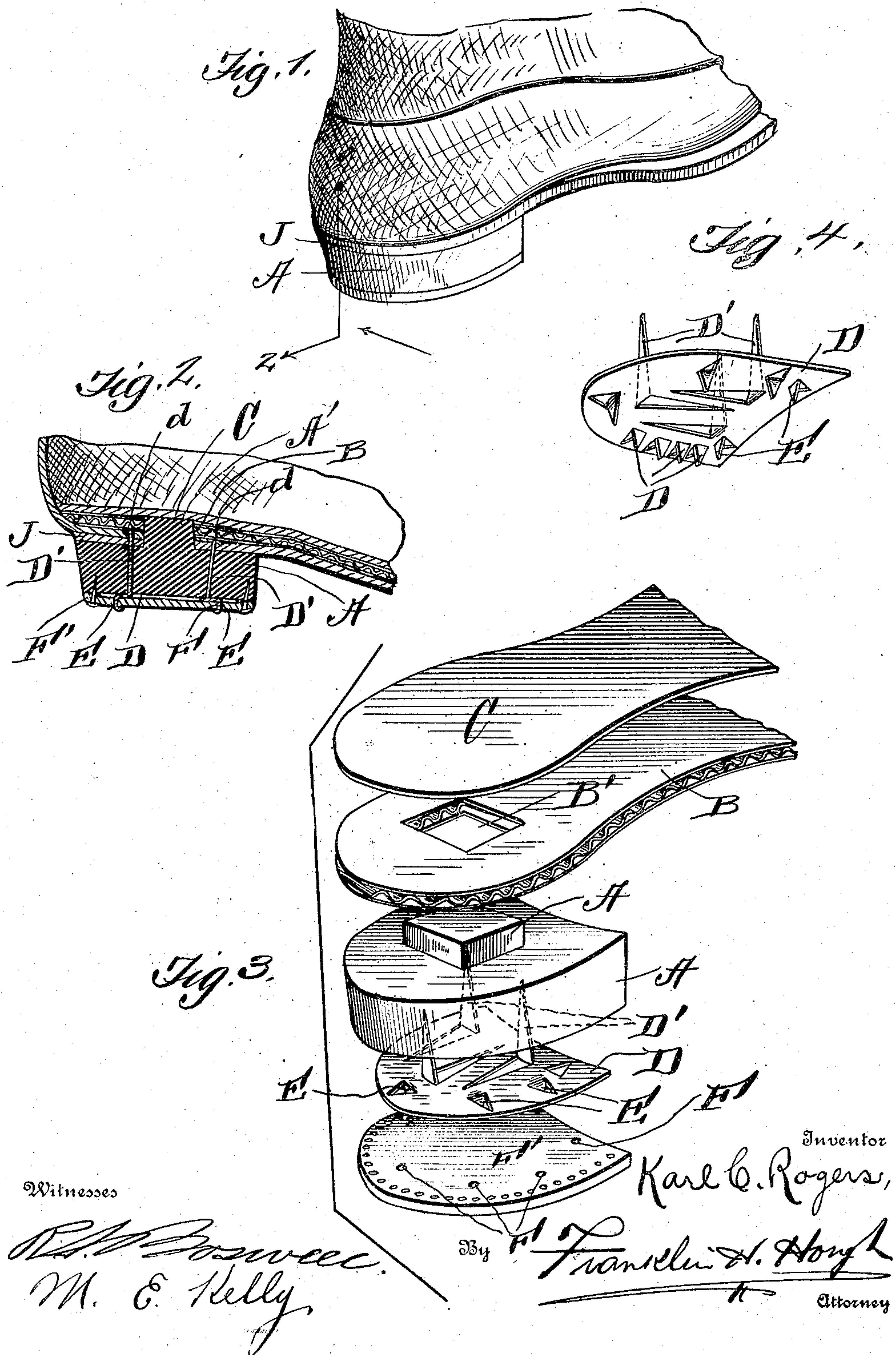


K. C. ROGERS.
 BOOT OR SHOE HEEL.
 APPLICATION FILED JAN. 6, 1908.

930,990.

Patented Aug. 10, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

KARL C. ROGERS, OF LITTLE ROCK, ARKANSAS

BOOT OR SHOE HEEL.

No. 930,990.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed January 6, 1908. Serial No. 409,482.

To all whom it may concern:

Be it known that I, KARL C. ROGERS, a citizen of the United States, residing at Little Rock, in the county of Pulaski and State of Arkansas, have invented certain new and useful Improvements in Boot or Shoe Heels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in heels for shoes and comprises essentially a cushion having a protecting portion upon the top thereof adapted to pass through an aperture in the sole of a shoe and a metallic plate with spurs struck up therefrom which pass through the cushion and adapted to clench in the sole and a protecting cap engaged by said spurs projecting from the under face of said plate.

The invention comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view showing a heel made in accordance with my invention. Fig. 2 is a sectional view on line 2—2 of Fig. 1. Fig. 3 is a perspective view showing the parts disassembled, and Fig. 4 is a detailed perspective view of the outer face of a metallic retaining plate.

Reference now being had to the details of the drawings by letter, A designates a cushion portion of the heel, made preferably of rubber and having a contracted portion A' upon its upper surface which is designed to extend through an aperture B' in the middle sole B, an enlarged detail of said middle sole being shown clearly in Fig. 3 of the drawings. Said extension A' projects slightly above the upper surface of the middle sole through which it passes, as shown in Fig. 2 of the drawings, in order that the weight of the wearer of a shoe equipped with my im-

proved heel will rest upon said cushion. A suitable water proof covering C rests upon the upper surface of the middle sole and serves to prevent the rubber cushion from drawing or otherwise making it uncomfortable for the foot of the wearer.

D designates a metallic plate having spurs D', which are pointed and struck up therefrom and are adapted to be passed through the cushion heel A and have their upper ends clenched as at d, shown in Fig. 2 of the drawings, over the upper surface of the outsole J, thereby securely holding the rubber cushion in place. Spurs E are also struck up from the plate D and extend in an opposite direction from the spurs D' and from the outer face of the plate and are designed to pass through the apertures F formed in the protecting cap or plate F', which latter is made preferably of leather or other material. Said spurs E, after having been passed through the apertures in the plate F', are clenched and, being along the marginal edge of the protecting cap, serve as means to prevent unnecessary wear and running down of the heel.

From the foregoing, it will be noted that, by the provision of a heel made as shown and described, a simple and efficient device is afforded which may be readily attached to a shoe and, by the protecting means, the life of the heel is greatly extended.

What I claim to be new is:—

A heel for shoes comprising a cushion having a projection upon the upper face thereof designed to pass through an aperture in the sole of a shoe, a metallic plate having spurs struck up therefrom passing through said cushion and designed to pass through and clench the sole to hold the same in contact with said cushion and about the projecting portion thereof, a protecting cap, spurs projecting from the face of said plate and passing through and clenching said cap, as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

KARL C. ROGERS.

Witnesses:

W. K. CANTRELL,
D. A. MORTON.