

No. 886,801.

PATENTED MAY 5, 1908.

E. E. HARMON.

CUSHION SHOE SOLE.

APPLICATION FILED JULY 18, 1906.

Fig. 1.

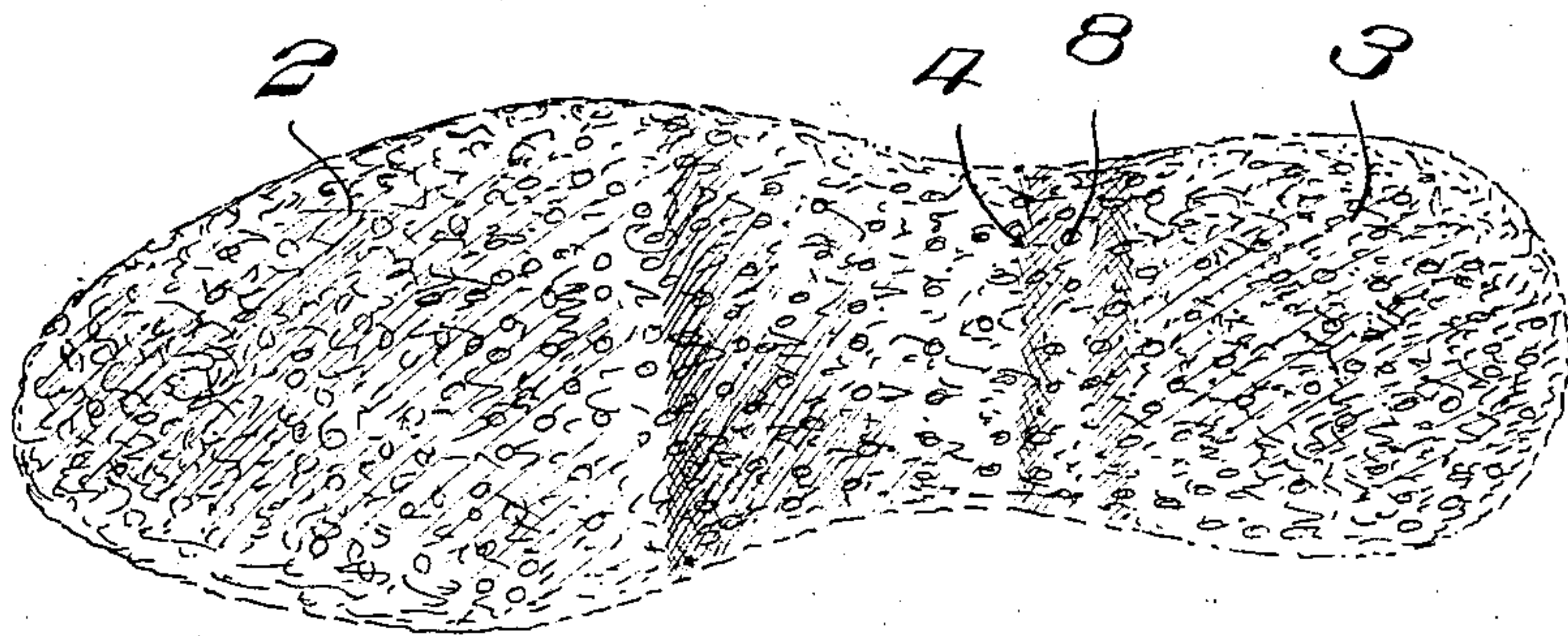
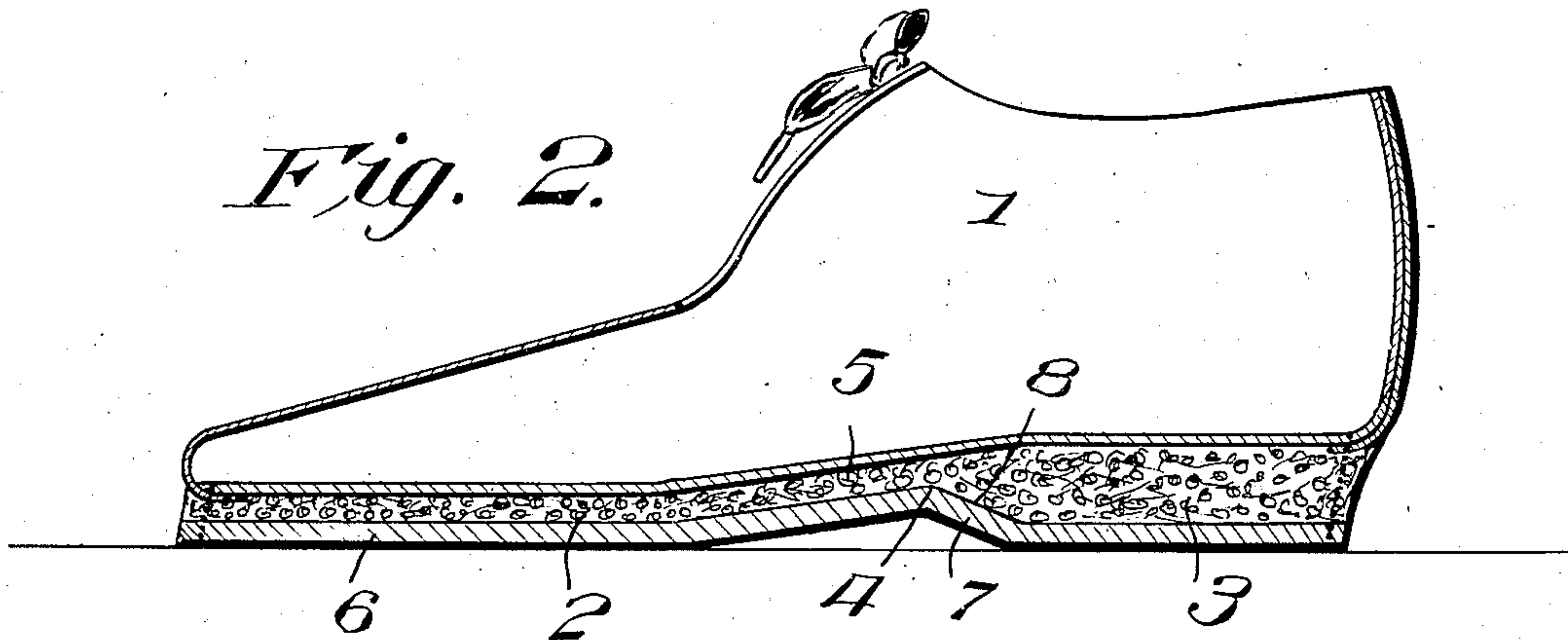


Fig. 2.



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UNITED STATES PATENT OFFICE.

EVA E. HARMON, OF DENVER, COLORADO.

CUSHION SHOE-SOLE.

No. 886,801.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed July 18, 1906. Serial No. 326,740.

To all whom it may concern:

Be it known that I, EVA E. HARMON, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Cushion Shoe-Soles; 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.

My invention relates to attachments for shoes, boots or the like and my object is to provide an insert piece between the sole and upper of the shoe of elastic material whereby concussion, jars or shocks to the frame of the wearer will be obviated.

A further object is to provide means for retaining the elastic insert piece in shape to conform to the bottom of the foot of the wearer.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claims.

In the accompanying drawings which are made a part of this application, Figure 1 is a plan view of my improved insert piece, and, Fig. 2 is a sectional view thereof as applied to use upon the bottom of the shoe.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates the body of a shoe which may be of the usual or any preferred shape to the bottom of which is secured my improved elastic insert 2, said insert being provided with a heel portion 3 which is thicker than the remainder of the insert thereby disposing that portion of the upper surface of the insert immediately over the heel out of alinement with the remainder of the insert while the instep portion of the insert is gradually inclined from the body portion to the heel section thereby forming a recess 4 on the lower side of the insert, the slanted portion 5 of the insert conforming to the hollow of the foot.

An outer covering 6 is provided for the insert and preferably consists of a piece of sole leather which is directed upwardly into the recess portion of the insert and forms a brace therefor, a portion of the covering at this point being in line with the slanted portion of the insert while the portion 7 thereof is directed downwardly and rearwardly to coincide with the tapered face 8 at the juncture between the heel portion 3 and the body portion proper.

The insert is so constructed that it is provided with a plurality of irregularly disposed cells so that when the cells have become filled with air the cushioning effect of the insert will be greatly enhanced and while I have shown the insert as applied to the bottom of the shoe it will readily be understood that it can be so constructed as to be inserted in the shoe and act as an insole, the cushioning effect being the same as when applied to the bottom of the shoe.

What I claim is:

As an improved article of manufacture, a shoe having an insert comprising a body portion of elastic material with irregularly disposed cells, a heel portion of greater thickness than the body portion with a slanting portion at the junction of the heel and body portions, said slanting portion being in opposite directions and extended toward the toe of the insert, the longer side of the slanting portion being toward the front of the shoe with the apex to the rear of the center of the shoe, and an outer covering secured to the under side of said insert and having oppositely slanted portion conforming to the slanted portion of the body and heel portion.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EVA E. HARMON.

Witnesses:

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