

R. W. MORGAN.
 SPRING INSOLE.
 APPLICATION FILED JAN. 28, 1909.

959,575.

Patented May 31, 1910.

Fig. 1.

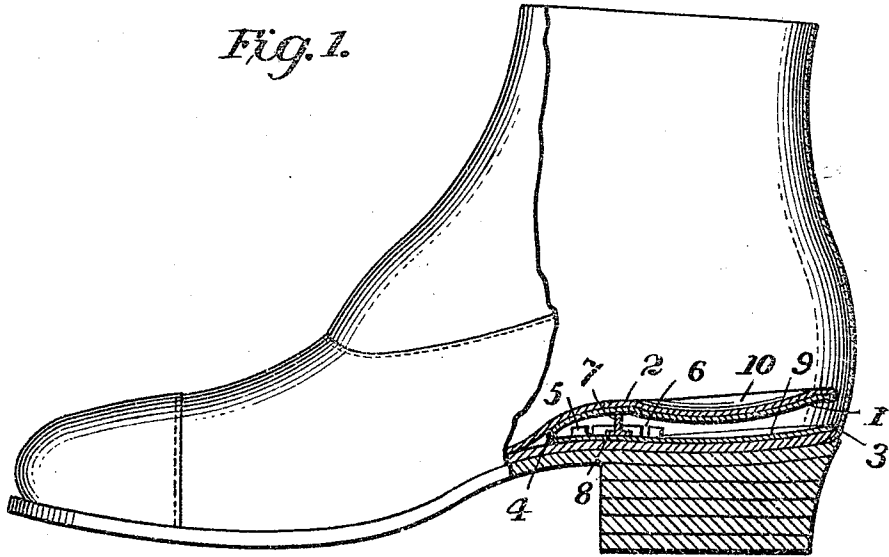


Fig. 2.

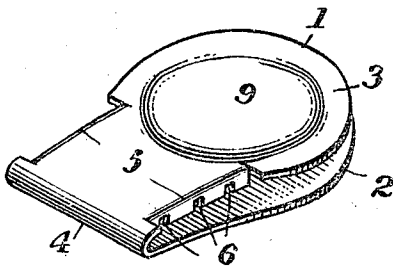


Fig. 3.

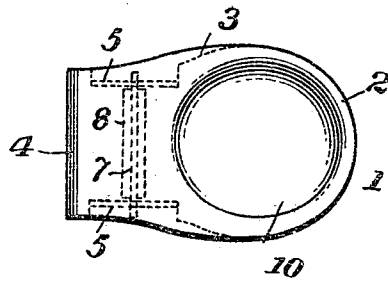
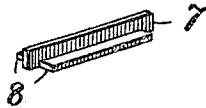


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

RICHARD W. MORGAN, OF SUNBURY, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO
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SPRING-INSOLE.

959,575.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed January 28, 1909. Serial No. 474,750.

To all whom it may concern:

Be it known that I, RICHARD W. MORGAN, citizen of the United States, residing at Sunbury, in the county of Northumberland and State of Pennsylvania, have invented new and useful Improvements in Spring-Insoles, of which the following is a specification.

This invention relates to spring insoles adapted to be inserted in shoes for cushioning the heels of shoes and relieving the wearer from jar while walking or running.

It is simple in construction and easily applied to any shoe.

The various features of the invention will be hereinafter more fully described in connection with the accompanying drawing in which,

Figure 1 is a longitudinal sectional view showing a shoe with the improved insole in place; Fig. 2 is a perspective view of the bottom of the insole; Fig. 3 is a top plan view of the invention, and Fig. 4 is a perspective view of the bearing or fulcrum.

Referring to the drawing, 1 indicates the improved insole comprising a single piece of metal doubled upon itself to form upper and lower leaves 2, 3, connected at their forward ends 4. The sides or edges of the lower leaf 3 are turned upward, as shown at 5, near the forward connection 4 and have therein notches or serrations 6 for the reception of a bearing or fulcrum 7. The fulcrum 7 has flanges 8 to prevent any sidewise movement of the same. The object of having a plurality of notches in the upturned edges of the leaf 3 is for the purpose of giving a

greater or less degree of tension to the upper spring leaf 2 by placing the bearing or fulcrum in the different notches. When the fulcrum is placed in the notches nearest the connection 4 a slight degree of tension is given the spring leaf 2, and the tension is increased as the fulcrum is moved from the said connection. This form of spring insole is very cheaply and easily made, and can be applied to any shoe.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

1. A spring insole comprising upper and lower leaves connected at one end, a transverse adjustable fulcrum between the leaves, means in one of said leaves for retaining said fulcrum in place.

2. A spring insole comprising upper and lower leaves connected at one end, a transverse adjustable fulcrum between the leaves, the edges of the lower leaf turned upward having notches or serrations therein to retain said fulcrum in place.

3. A spring insole comprising upper and lower leaves connected at one end, a transverse fulcrum between the leaves, the edges of the lower leaf turned upward having notches or serrations therein to retain the fulcrum, flanges on the fulcrum to prevent any accidental dislodgment of the same.

In testimony whereof I affix my signature, in presence of two subscribing witnesses.

RICHARD W. MORGAN.

Witnesses:

GEO. E. DEPPEN,
C. W. CLEMENT.