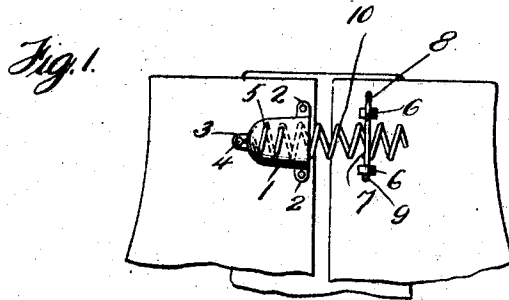


No. 878,956.

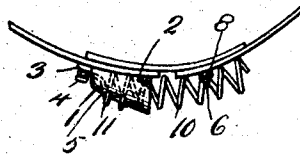
PATENTED FEB. 11, 1908.

J. HULIN.  
SHOE FASTENER.

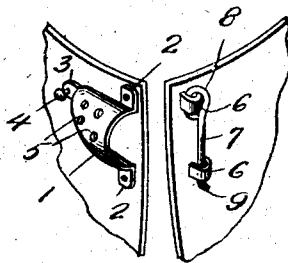
APPLICATION FILED SEPT. 18, 1907.



*Fig. 2.*



*Fig. 3.*



Inventor  
*J. Hulin.*

Witnesses

*Samuel Payne.*  
*D. S. Butler.*

By

*H. C. ...*  
Attorneys

# UNITED STATES PATENT OFFICE.

JOSEPH HULIN, OF PITTSBURG, PENNSYLVANIA.

## SHOE-FASTENER.

No. 878,956.

Specification of Letters Patent.

Patented Feb. 11, 1908.

Application filed September 16, 1907. Serial No. 393,096.

*To all whom it may concern:*

Be it known that I, JOSEPH HULIN, a subject of the Emperor of Austria-Hungary, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Shoe-Fasteners, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to shoe-fasteners, and its primary object is, to provide simple and inexpensive means for securing the two sides of a shoe top together.

A further object of the invention is to provide a shoe fastener which will yield under pressure of the foot or ankle, thus contributing to the ease and comfort of the wearer.

20 The construction of the improvement will be fully described hereinafter, in connection with the accompanying drawing which forms a part of this specification, and its features of novelty will be set forth in the appended claims.

In the drawing: Figure 1 is a front elevation of a part of a shoe top, with my improved fastener applied thereto, Fig. 2 is a top plan view of the same, and Fig. 3 is a perspective view of a part of the two sides of the shoe top provided with the improved fastener with its spring omitted.

30 To one side of the shoe upper is secured a concavo-convex plate 1 provided with oppositely extending perforated ears 2, and a lug 3 from which latter projects a headed pin 4. The plate 1 is also provided with parallel vertical alining apertures 5.

To the opposite side of the shoe top are secured two vertically alining loops or keepers 6, and pivotally connected to the uppermost loop or keeper is a pin 7, extended through the lowermost loop or keeper 6, and bent at its lower end 9 to retain it in position. The pin is pivotally connected to the uppermost keeper by providing the upper end of said pin with an eye 8.

45 The reference numeral 10 designates a coil spring extending within the housing formed

by the plate 1 and having one end secured to the pin 4. Some of the convolutions 11 of the spring adjacent to the pin 4 project into 50 or pass through the apertures 5 of the plate thus retaining the spring in place. The free end of the spring is passed behind the pin 7 and the engagement of the convolutions of the spring with said pin secures the spring in 55 place.

It will be apparent that the improvement provides a readily yielding fastener, and one which may be easily manipulated.

Having now described my invention what I claim as new is:—

1. A shoe fastener comprising a concavo-convex plate formed with a plurality of apertures, a coil spring having one end received in said plate and a coil thereof engaged in said apertures, and a pin adapted to engage the free end of said spring. 65

2. The combination with a shoe top, of a concavo-convex plate secured to one side of the shoe top and formed with apertures, a coil spring having one end received in said plate and some of the convolutions thereof engaged in said apertures, and a vertically-disposed pin secured to the other side of the shoe top adapted to engage the free end of 70 said spring.

3. The combination with a shoe top, of a concavo-convex plate secured to one side of the shoe top and formed with apertures, a pin carried by said plate, a coil spring partially inclosed by said plate, said spring having some of the coils thereof engaged in said apertures and one end thereof secured to said pin, keepers secured to the other side of the shoe top, and a pin pivotally connected to 80 one of said keepers and adapted to engage the free end of said spring.

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

JOSEPH HULIN.

Witnesses:

MICHAEL JOSKO,  
MIKE KAPLAN.