

J. E. ROGERS.
FASTENER FOR SHOE SOLE SPIKE PLATES.
APPLICATION FILED SEPT. 24, 1912.

1,055,229.

Patented Mar. 4, 1913.

Fig. 1.

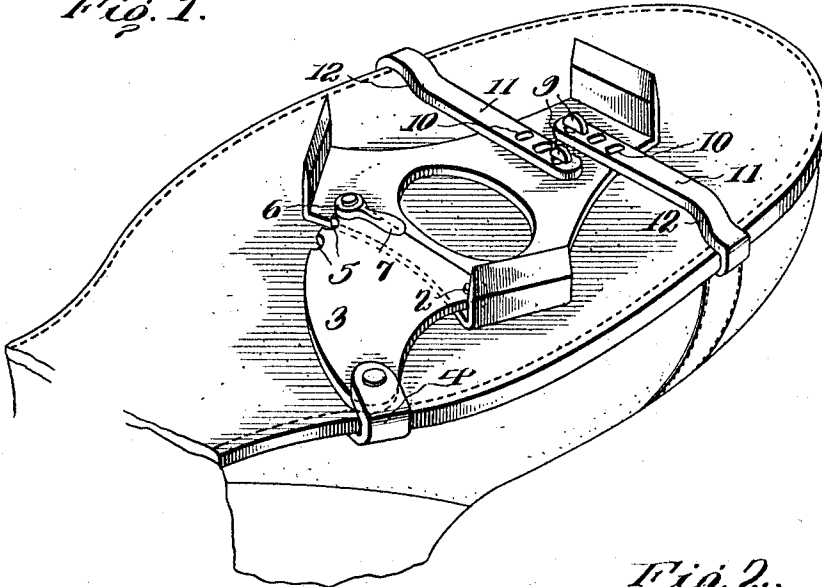


Fig. 2.

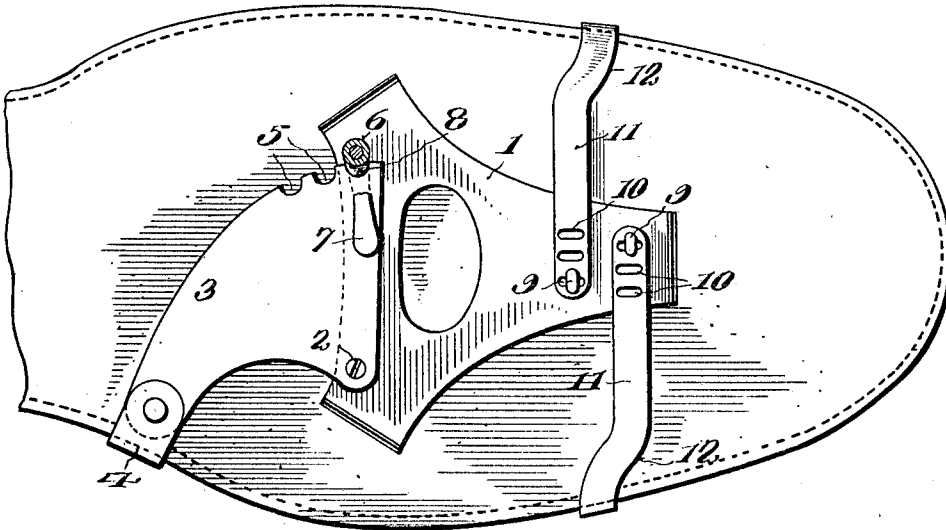


Fig. 3.

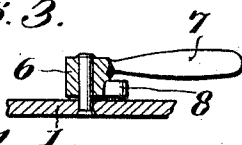


Fig. 4.



Witnesses

W. H. Murray
a. h. Mills

Inventor

John E. Rogers

Ray B. Hill
Attorney

UNITED STATES PATENT OFFICE.

JOHN ELMER ROGERS, OF URBANA, ILLINOIS.

FASTENER FOR SHOE-SOLE SPIKE-PLATES.

1,055,229.

Specification of Letters Patent.

Patented Mar. 4, 1913.

Application filed September 24, 1912. Serial No. 722,100.

To all whom it may concern:

Be it known that I, JOHN ELMER ROGERS, a citizen of the United States, and resident of Urbana, in the county of Champaign and State of Illinois, temporarily residing at Habana, Cuba, have invented certain new and useful Improvements in Fasteners for Shoe-Sole Spike-Plates; 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 fasteners for base ball shoe spike plates, and analogous articles, and has for its object to provide an improved and simplified fastening means for the same which will adapt them for use with all sizes of shoes and will render them readily adjustable thereon, as well as securely held thereon when fastened.

In the accompanying drawing, Figure 1 is a perspective view of my improved device shown applied to a shoe. Fig. 2 is an inverted plan view of the same. Fig. 3 is an enlarged detail sectional view of the locking cam and its parts. Fig. 4 is a similar view of one of the turnbuttons employed.

Similar numerals of reference denote corresponding parts in the several views.

In the said drawing the reference numeral 1 denotes a base ball spike plate of the usual construction, the same having pivoted thereto at 2 a lever 3, said lever having pivoted at its outer end a shoe-sole engaging jaw 4, and being provided in one edge with a series of semicircular notches 5 as shown. The plate 1 also has pivoted thereon a stud 6 provided with a handle 7, and having formed integral therewith a cam 8. The plate 1 also has pivoted thereon two turnbuttons 9 adapted to engage through the slots 10 in the two shoe-sole engaging jaws 11 to retain the latter.

In operation the jaws 11 are adjusted on plate 1 by means of turnbuttons 9 and the slots 10 in said jaws, to suit the width of the particular shoe, it being observed that the outer ends of said jaws are oppositely offset at 12, thereby providing that they shall grip the shoe sole on a line transversely of the shoe at a right angle to its longitudinal center. The lever 3 is then adjusted to proper position to suit the particular shoe by rotating stud 6, through its lever 7, to bring its cam 8 into register with that one of the notches 5 in lever 3 which will prop-

erly position said lever 3, whereupon by engaging the jaws 11 with the shoe sole, and by forcing lever 3 and its jaw 4 toward that edge of the shoe sole with which the latter is to be engaged until said jaw 4 can be adjusted in engagement with the shoe sole, the device when released will be firmly locked in position. To disengage the device from the shoe sole, the stud 6 is unlocked from its engagement with the particular slot 5 in lever 3, which releases said lever and permits the ready detachment of the device.

While I have shown the jaws 11 adjustable with respect to the plate 1, it will be understood that the same may be formed integral therewith, if desired, said adjustment being provided solely to accommodate the device to shoes of varying width. So also but a single notch 5 may be provided in lever 3, where the device is intended for a shoe of one size only, and the jaw 4 may be formed integral with lever, its pivotal connection therewith being intended solely to cause it to accommodate itself to the variations in the curve of different shoe soles.

In fact the essentials of the broad invention are found solely in the pivotal connection between the plate 1 and lever 3 at 2, and in the releasable connection between said parts at another point, exemplified by the cam 8.

While I have shown my improved construction in connection with a base ball shoe spike plate only, it will be understood that the same may with equal facility be used with plates provided with foot ball cleats or with golf spikes, or may be used with ice creepers.

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

1. In combination with a spike plate, oppositely disposed shoe sole gripping jaws thereon, a lever pivoted to said plate and having a shoe sole gripping jaw at its outer end, and means for releasably engaging said lever with said plate at a point other than the point of pivotal connection.

2. In combination with a spike plate, oppositely disposed shoe sole gripping jaws thereon, a lever pivoted to said plate and having a shoe sole gripping jaw at its outer end, and means for releasably and adjustably engaging said lever with said plate at a point other than the point of pivotal connection.

3. In combination with a spike plate, op-

positely disposed shoe sole gripping jaws adjustably mounted thereon, a lever pivoted to said plate and having a shoe sole gripping jaw at its outer end, and means for
5 releasably and adjustably engaging said lever with said plate at a point other than the point of pivotal connection.

4. In combination with a spike plate, oppositely disposed shoe-sole gripping jaws
10 thereon, a lever pivoted to said plate and having a shoe-sole gripping jaw at its outer end and provided with a series of notches in

one edge, and a rotatable cam on said plate adapted to be engaged with any one of said notches to releasably clamp said plate on 15 the shoe-sole.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JOHN ELMER ROGERS.

Witnesses:

THOMAS DURANT,
PERCY B. HILLS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
