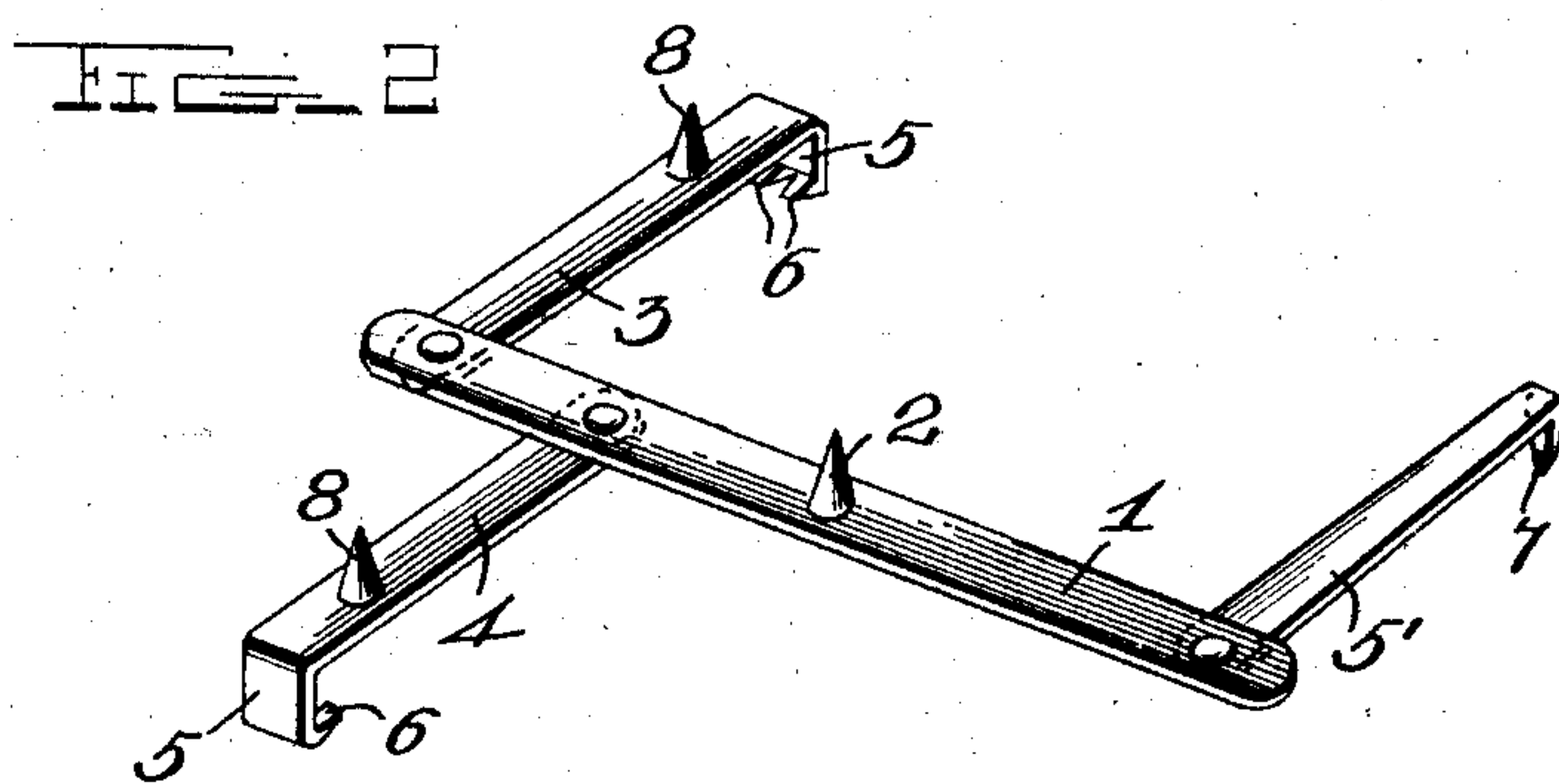
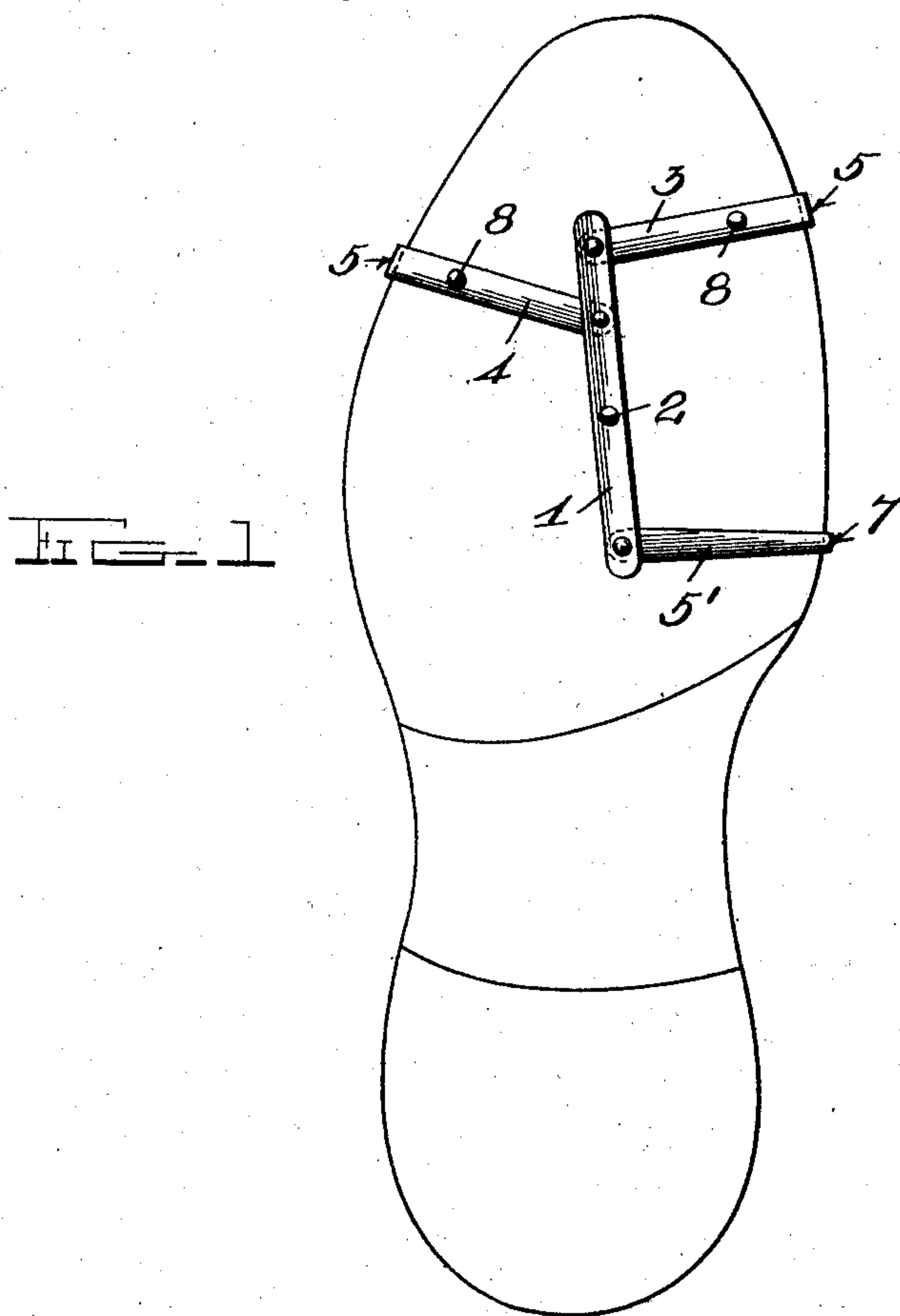


No. 883,556.

PATENTED MAR. 31, 1908.

J. MATTESON.
ICE CREEPER.

APPLICATION FILED NOV. 14, 1907.



Witnesses

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UNITED STATES PATENT OFFICE.

JOB MATTESON, OF SOUTH HARTFORD, NEW YORK.

ICE-CREEPER.

No. 883,556.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed November 14, 1907. Serial No. 402,167.

To all whom it may concern:

Be it known that I, JOB MATTESON, a citizen of the United States, residing at South Hartford, in the county of Washington and State of New York, have invented certain new and useful Improvements in Ice-Creepers; and I do 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.

This invention has relation to new and useful improvements in ice creepers, and has for its object the production of a simple and efficiently operating device of this kind which may be readily and easily applied in position to the sole of a shoe, boot or the like, and which is susceptible of a certain amount of adjustment so as to be adapted for shoes of different sizes.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1 is a reverse plan view of the invention as applied; and Fig. 2 is a perspective view of the same detached from position.

As illustrated in the drawings the device comprises a central operating bar or lever 1 which is adapted to be arranged under and longitudinally of the sole of the shoe or boot or the like, said lever having formed on or fixed to its outer face at a suitable point intermediate of its ends, a spur or tooth 2.

In carrying out the invention, a laterally extending clamping bar or member 3 is pivotally connected with the forward end of the bar or lever 1 by a rivet or other equivalent means and pivotally connected with said bar or lever 1 at its inner end and at a suitable point in the rear of the point of connection or clamping member 3 is a second clamping bar or member 4.

In practice, the outer or free ends of the clamping bars are bent inwardly to form inwardly projecting portions 5, formed, each, with a series or plurality of sole-engaging teeth 6, adapted to engage with the edge of the sole when the invention is applied. A laterally extending lever adjusting and locking bar or member 5' is pivotally connected at its inner end by a rivet or other equivalent means with the extreme rear end of the ad-

justing bar or lever 1 and is formed at its extreme outer or free end with an inwardly bent sole-engaging portion 7 constituting a catch adapted to be engaged with the edge of the sole. Said clamping bars 3 and 4 are formed with or have fixed to their outer faces calks or teeth 8, which are adapted to penetrate into the snow, ice or other surface over which the wearer is walking to obviate liability of slipping.

While I have shown and described, but one calk or tooth in connection with each of the clamping bars and the main bar or lever 1, it is obvious that any desired number may be employed in the application of the invention.

In practice, the device is arranged under the sole of the shoe, boot, or other article to which it is to be applied and the free end of the adjusting bar or lever 1 swung outwardly until the clamping members 3 and 4, respectively, are in clamping position, the device being so arranged in position that when the clamping members are in such position the catch of the operating bar or member 5 may be engaged with the edge of the sole.

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

1. A device of the character specified, embracing a central, longitudinally extending operating lever adapted to be arranged under the sole of a shoe or other like article, laterally and oppositely extending clamping members, pivotally connected with the front end of the operating lever, one at a point in advance of the other, said members being formed at their outer ends with inwardly extending sole-engaging teeth adapted to engage the edge of the sole, a laterally extending lever adjusting and locking member pivotally connected with the rear end of the operating lever, said member being formed at its outer or free end with an inwardly extending sole-engaging portion, and calks or teeth formed on the under face and faces of the operating lever and clamping members respectively.

2. A device of the character specified, embracing a longitudinally extending operating lever adapted to be arranged in an approximately central position under the sole of a shoe or other like article, laterally and oppositely extending clamping members, pivotally connected with the front end

of the operating lever, one at a point in advance of the other, the outer ends of the clamping members being formed with sole-engaging teeth designed to engage the edge
5 of the sole, a laterally extending lever adjusting and locking member, pivotally connected at its inner end with the rear end of the operating lever, and having formed at its outer or free end an inwardly extending
10 sole-engaging portion, which is caused to

tightly bind against the edge of the sole by swinging the outer end of the lever adjusting and locking member forwardly.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses. 15

JOB MATTESON.

Witnesses:

THOMAS S. LEWIS,
CHAS. W. INGALLS.