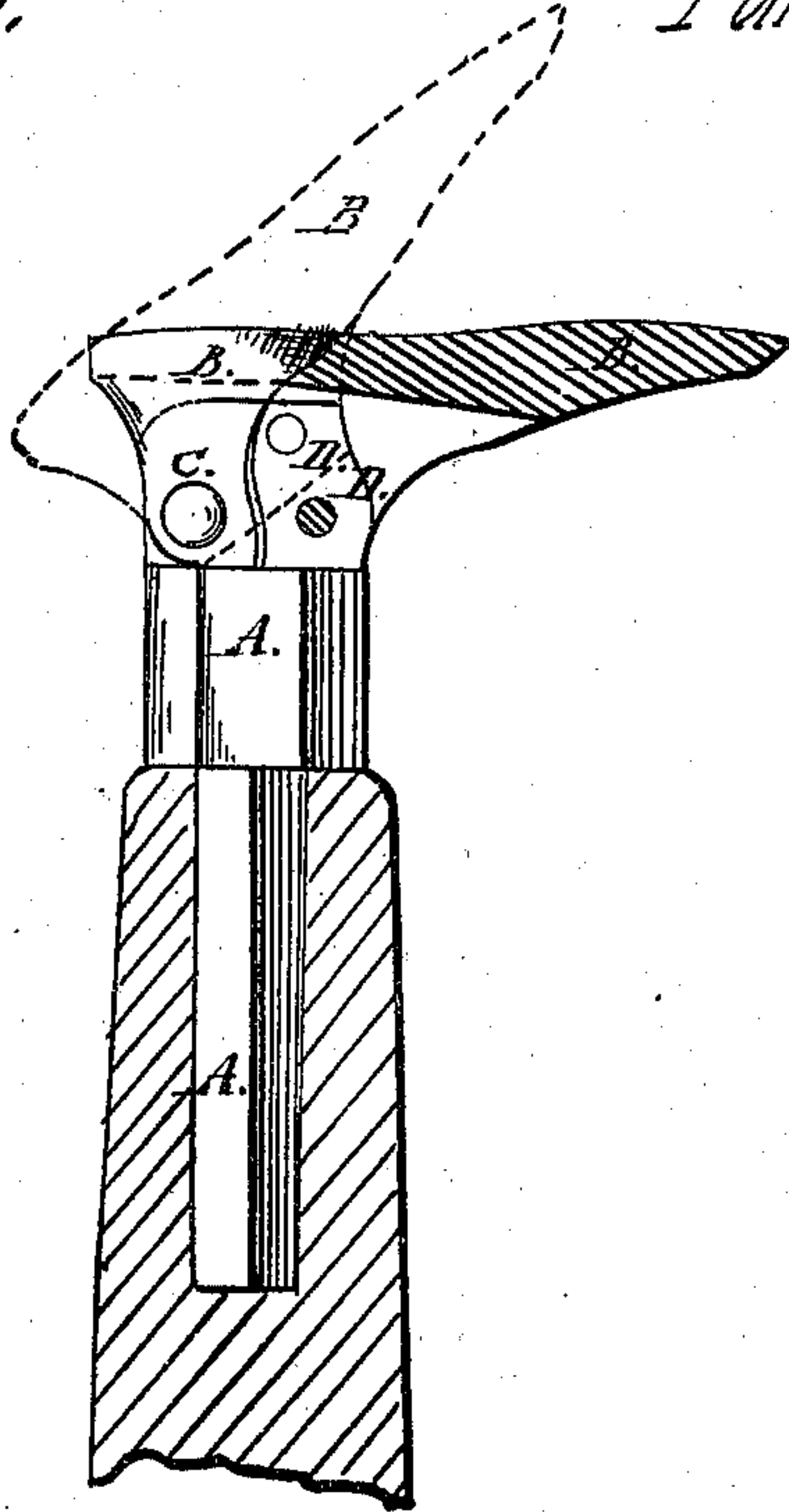


J. Godfrey,

Iron Last.

No. 90,165.

Patented May 18, 1869.



Witnesses:

A. W. Huntington

A. Buchanan

Inventor:

J. Godfrey
4 Munn & Co.
Attys.

United States Patent Office.

J. GODFREY, OF NEW YORK, N. Y.

Letters Patent No. 90,165, dated May 18, 1869.

IMPROVED IRON LAST.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. GODFREY, of the city, county, and State of New York, have invented a new and useful Improvement in Iron Lasts; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The figure is a side view of my improved last, part being broken away, to show the construction.

My invention has for its object to furnish an improved iron last, which shall be so constructed that the same last may be used for different-sized boots and shoes, avoiding the necessity of having a set of lasts; and

It consists in connecting the foot to the standard with an adjustable joint, so that the said foot may be set at different angles to said standard, as hereinafter more fully described.

A represents the standard of the last, which is set in a socket formed in a bench, post, or other suitable support.

Upon the upper end of the standard A is formed a tenon, which enters a slot in the foot B, where it is secured by two pins, C and D.

The pin C is permanently secured in place by riveting its ends, so as to pivot the foot B to the standard A.

The forward pin D is detachable, and is placed in one or the other of the holes, formed for its reception, according as it is desired to set the foot B at a greater or less angle with the standard A.

If desired, the adjustment of the foot B, upon the pivoting-pin or bolt C, may be obtained by means of a spring-catch, bolt, or toothed rack, the particular manner in which the adjustment is obtained being immaterial, so long as the foot B may be securely held at any desired angle with the standard A, without any other support.

By this construction, when the last is to be used with a small boot or shoe, it may be adjusted nearly in a horizontal position. When it is to be used with a larger boot or shoe, it is set at a less or greater inclination, according to the size of the boot or shoe.

By setting the foot B at a greater angle, it may be pushed forward, so as to reach to the toe of said boot or shoe, however large it may be, thus enabling the same last to be used for different-sized shoes with equal facility, entirely obviating the necessity of having lasts of different sizes for different sizes of boots and shoes.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

Connecting the foot B to the standard A, by an adjustable joint, without other support, substantially as herein shown and described, and for the purpose set forth.

The above specification of my invention signed by me, this 22d day of March, 1869.

J. GODFREY.

Witnesses:

FRANK BLOCKLEY,
JAMES T. GRAHAM.