

(No Model.)

T. K. KEITH.  
LASTING DEVICE.

No. 574,612.

Patented Jan. 5, 1897.

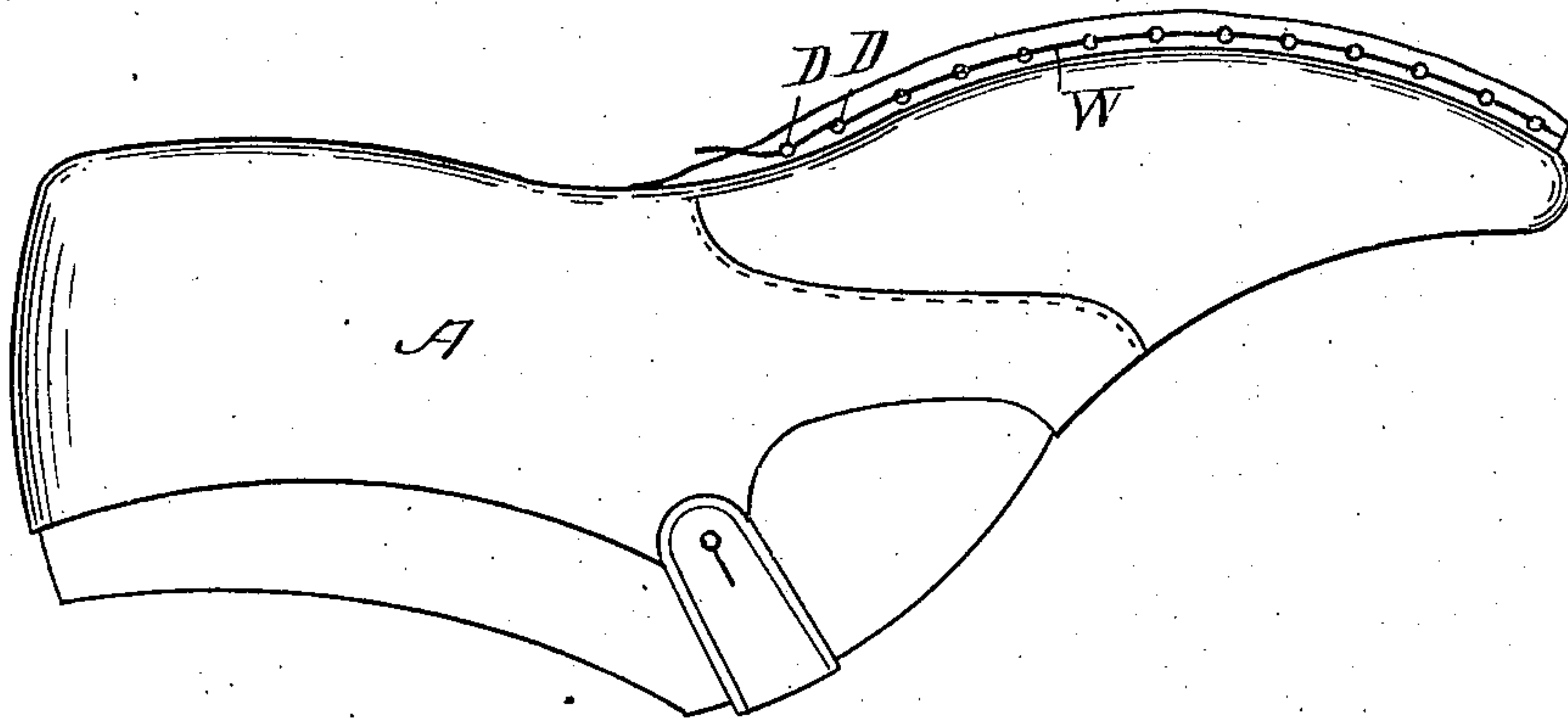


Fig. 1.

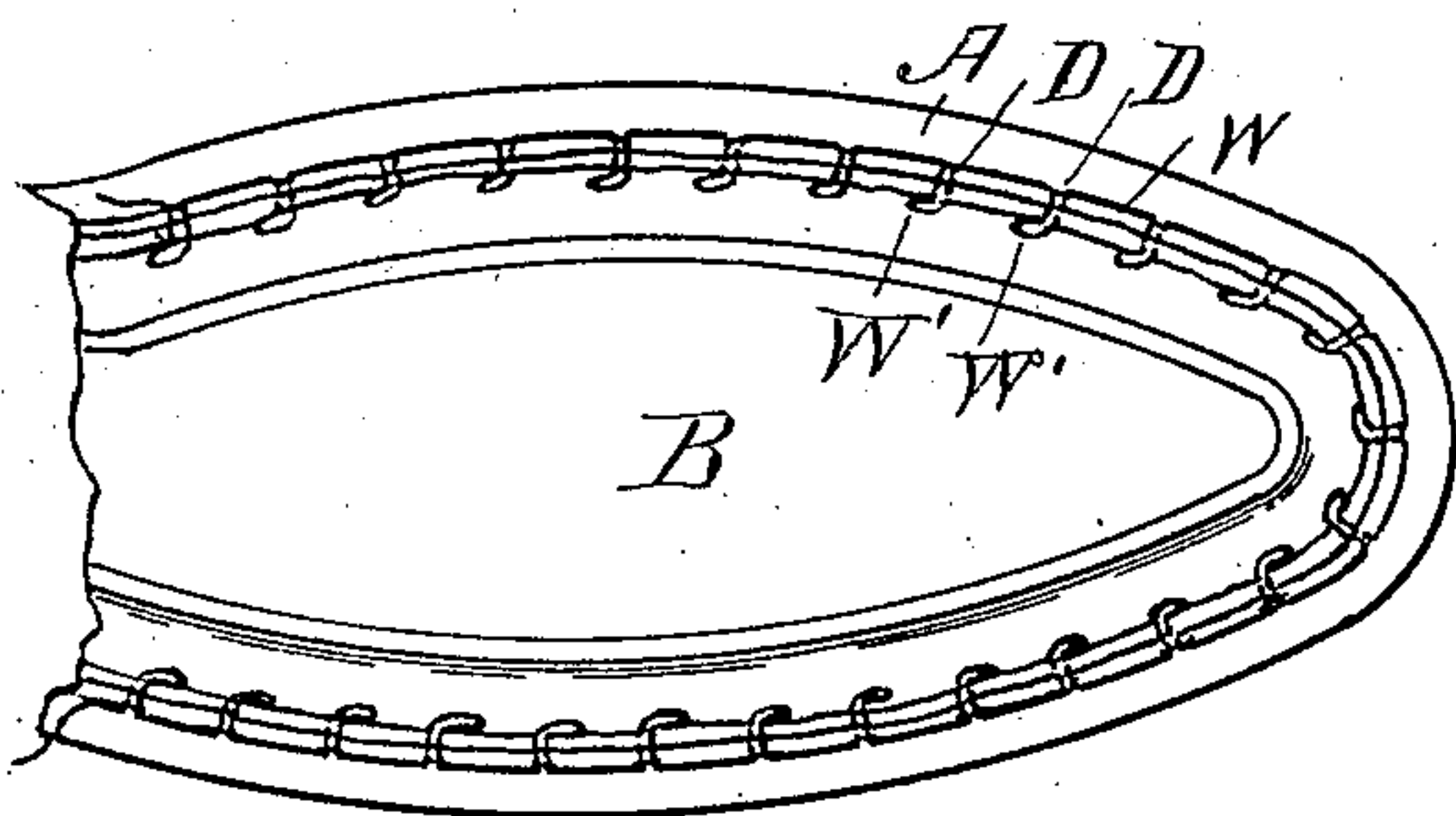


Fig. 2.

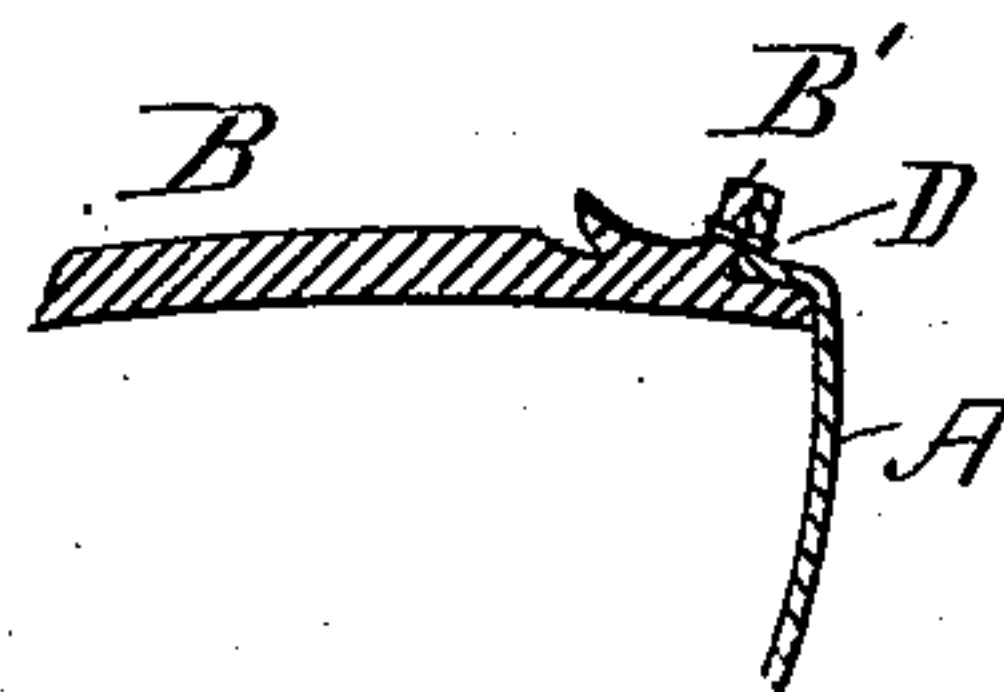


Fig. 3.

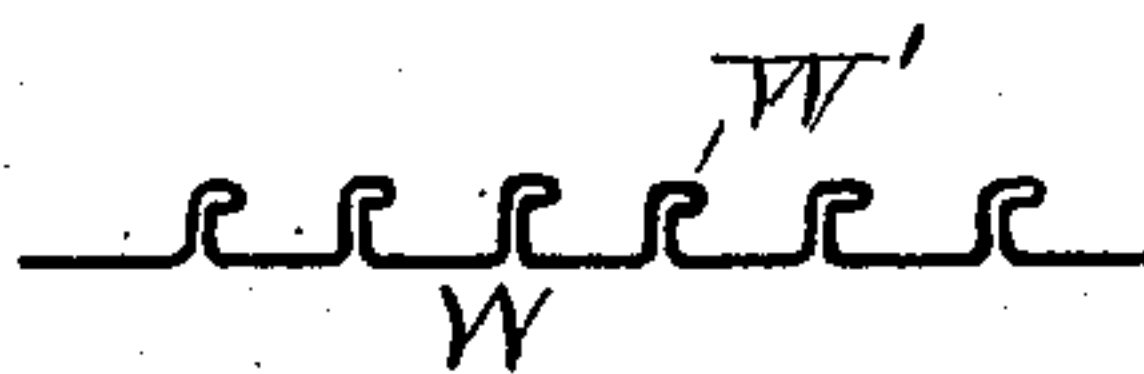


Fig. 4.

WITNESSES.

Frank G. Parker.  
John L. Gleason

INVENTOR.

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# UNITED STATES PATENT OFFICE.

THOMAS K. KEITH, OF BOSTON, MASSACHUSETTS.

## LASTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 574,612, dated January 5, 1897.

Application filed October 24, 1895. Serial No. 566,693. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS K. KEITH, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in the Method of Lasting Boots and Shoes, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to lasting boots and shoes; and it consists in a peculiar device for uniting the upper to the inner soles, said device being a continuous wire passed through perforations made in the upper and a part of the inner sole and then bent so as to form a temporary clench sufficiently strong to hold the upper for the purpose intended and yet adapted to be pulled out as soon as it has served its purpose, that is, as soon as the boot or shoe is sewed.

The device is illustrated in the accompanying drawings, in which—

Figure 1 is an elevation showing a lasted shoe. Fig. 2 is a plan of a part of the same. Fig. 3 is a section of a part to illustrate one method of forming the lip to which the upper is attached. Fig. 4 shows the way in which the wire is bent when in place.

In the drawings, A represents the upper and B the inner sole of a shoe, the upper and the inner sole being united by my device.

To put my invention in practice, I proceed

as follows: The inner sole B is tacked onto the last in the usual manner, thence the upper is put in position, and the edge of the upper is drawn to the lip B', and a hole is made, as indicated at D. Through this hole a loop of the wire W is passed, and the end of said loop is bent over, as shown at W'. This forms a clench sufficiently firm to hold the upper for the purpose intended.

When the shoe has been sewed, the wire W can be pulled out, thus leaving the shoe free from any objectionable wires, nails, or pegs.

This device for lasting can be applied to any style of channel or lip.

I claim—

A flexible wire successively bent so as to form loops, each loop as formed being passed through an awl-hole made through the upper and the sole and then clenched, whereby the upper is secured to the sole, the said wire being adapted to be withdrawn when the boot or shoe is sewed, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, on this 16th day of August, A. D. 1895.

THOMAS K. KEITH.

Witnesses:

FRANK G. PARKER,  
JOHN L. GLEASON.