

(No Model.)

W. GORDON.
LAST.

No. 500,711.

Patented July 4, 1893.

FIG. 1.

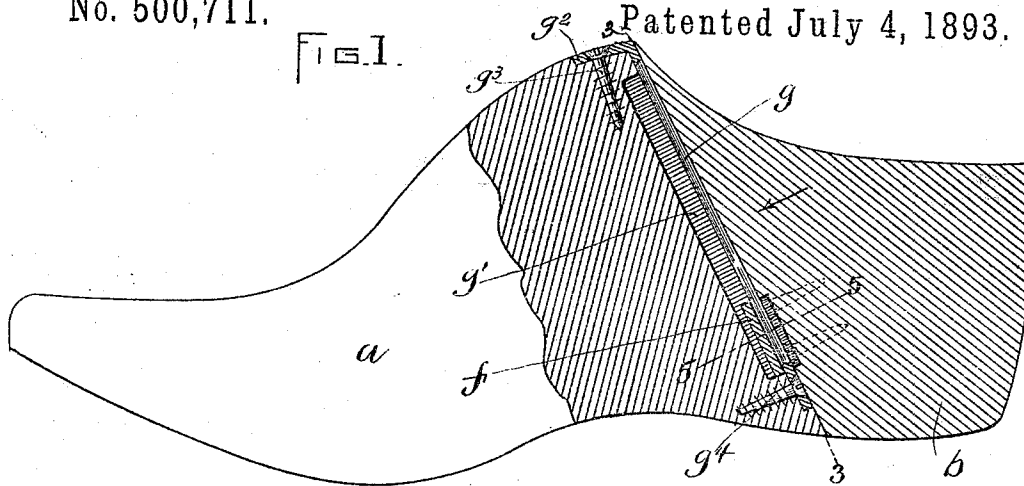


FIG. 4.

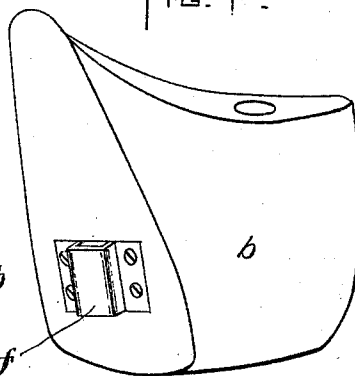


FIG. 3.

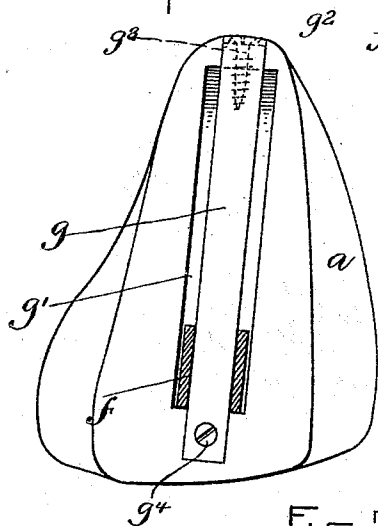


FIG. 5.

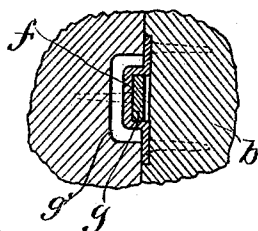
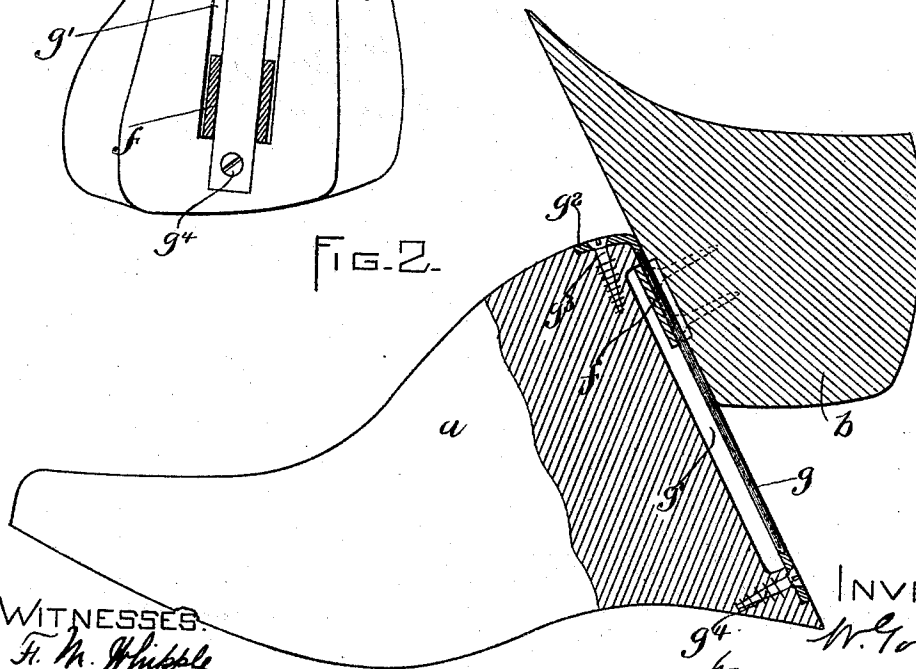


FIG. 2.



WITNESSES:

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LAST.

SPECIFICATION forming part of Letters Patent No. 500,711, dated July 4, 1893.

Application filed October 31, 1892. Serial No. 450,427. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM GORDON, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Lasts, of which the following is a specification.

This invention relates to lasts composed of two sections, one comprising the fore-part—including the toe, instep, ball and shank portions—while the other includes the heel portion; one of said sections having an inclined rear face, while the other has a correspondingly inclined front face, the inclination of said faces being such that when the heel section is moved upwardly it is also caused to move forward or diagonally so that the last is shortened and its hold loosened on the boot or shoe in which it is inserted.

The invention has for its object to provide a last of this class in which the two sections shall be permanently connected in such manner that the movement of the heel section on the fore-part section shall be limited in both directions, thus preventing separation of the two sections.

To this end the invention consists in a last composed of the fore-part section having an inclined rear face, the heel section having an inclined front face, one of said sections having an elongated socketed runner rigidly affixed to its inclined face, and the other a guide rod or bar passing through said runner and a slot or recess behind said rod to receive and permit the movement of the runner, the ends of said slot constituting stops for the runner, whereby the heel section is permitted to slide to a limited extent in both directions on the inclined face of the fore-part section without separation therefrom.

Of the accompanying drawings forming a part of this specification, Figure 1 represents a longitudinal section of my improved last. Fig. 2 represents a similar section showing the heel section raised. Fig. 3 represents a rear elevation of the fore-part section. Fig. 4 represents a perspective view of the heel section. Fig. 5 represents a section on line 5, Fig. 1.

The same letters of reference indicate the same parts in all of the figures.

In the drawings—*a* represents the fore-part section having an inclined rear face or end.

b represents the heel section having an inclined front face or end. The inclination of said ends is such that when the heel section is raised and moved along the rear face of the fore-part section, as shown in Fig. 2, it will move diagonally in such direction as to shorten the last.

A last generally constructed as above described is not new, and my invention does not include broadly a last composed of the fore-part and heel sections having inclined meeting faces.

In carrying out my invention I provide said sections with permanently interlocked connecting members which permit the heel section to slide both upwardly and downwardly to a limited extent, and retain the meeting faces in contact with each other under all adjustments of the heel section, so that there can be no separation of the said inclined faces. The permanently interlocked sliding members comprise an elongated socketed runner *f* rigidly affixed to the inclined face of the heel section, and a guide rod or bar *g* affixed to the fore-part section and passing through the runner *f*, the fore-part section having a slot or recess *g'* which receives the runner *f*. The rod *g* is preferably bent at its upper end at *g*² to bear on the top portion of the instep, and is affixed to the latter by a screw or other fastening device *g*³, its lower end being secured by a screw *g*⁴ driven while the heel section is raised. The slot or recess permits the sliding movement of the runner on the rod, and its ends constitute stops which limit the said movement in both directions, so that the heel section cannot be separated from the fore-part section. The engagement of the rigid elongated runner affixed to the one part with the guide-rod on the other part insures that the inclined faces of the two parts of the last will always remain in contact and cannot be separated.

I claim—

The improved last, divided transversely and composed of the fore-part section having an inclined rear face; and the heel section having an inclined front face, one of said sections having an elongated socketed runner rigidly affixed to its inclined face, and the other a guide-rod or bar passing through said runner and a slot or recess behind said rod to

receive and permit the movement of the runner, the ends of said slot constituting stops for the runner, whereby the heel section is permitted to slide to a limited extent in both
5 directions on the inclined face of the fore-part section, and the inclined faces are held permanently in contact; as set forth.

In testimony whereof I have signed my

name to this specification, in the presence of two subscribing witnesses, this 18th day of 10 October, A. D. 1892.

WILLIAM GORDON.

Witnesses:

C. F. BROWN,

M. W. JACKSON.