

I. R. Rogers.

Lasting Boots & Shoes.

N^o 73048

Patented Jan. 7, 1868.

Fig. 2.

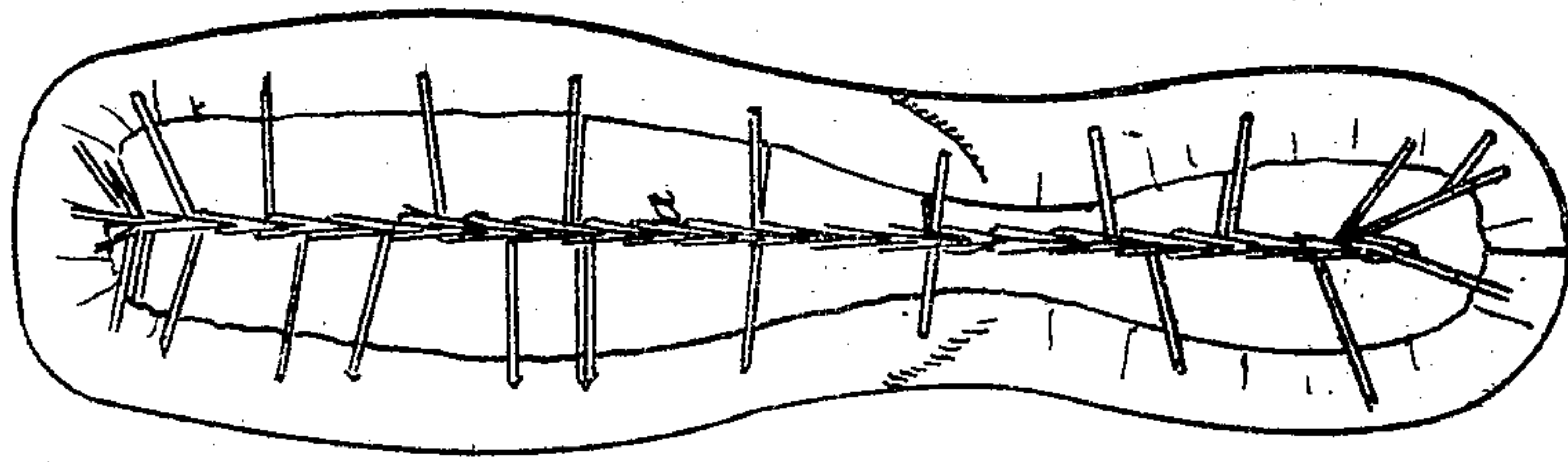
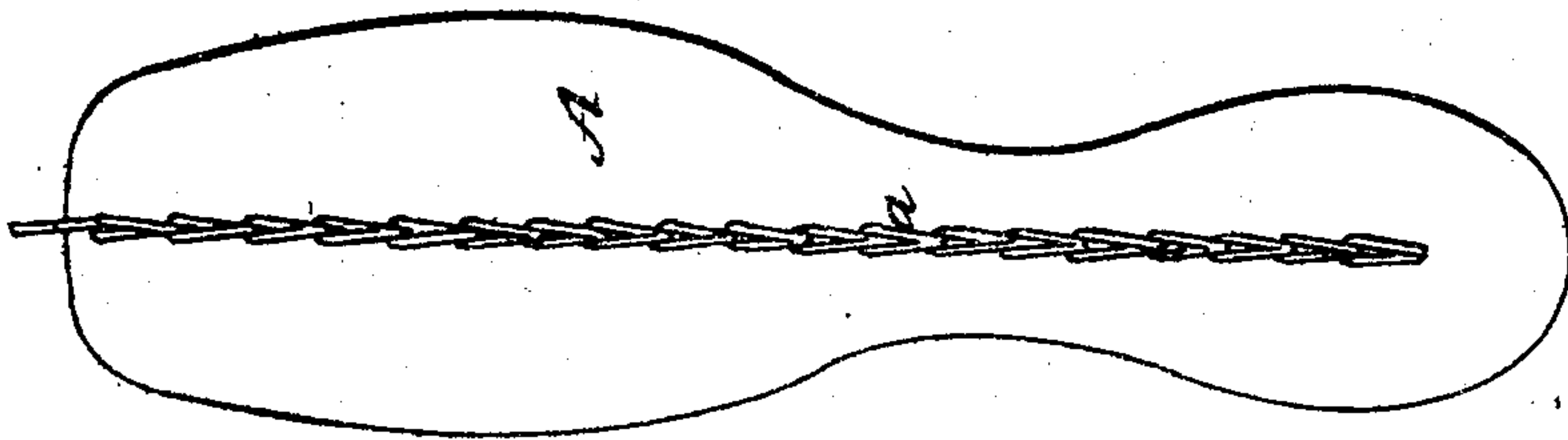


Fig. 1.



Witnesses;

P. C. Eschmacker

N. W. Stearns.

Inventor;

I. R. Rogers

United States Patent Office.

ICHABOD R. ROGERS, OF LYNN, MASSACHUSETTS, ASSIGNOR TO GEORGE E. BARTLETT, OF THE SAME PLACE.

Letters Patent No. 73,048, dated January 7, 1868; antedated July 8, 1867.

IMPROVED MODE OF LASTING BOOTS AND SHOES.

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, ICHABOD R. ROGERS, of Lynn, in the county of Essex, and State of Massachusetts, have invented certain Improvements in the Manufacture of Boots and Shoes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a plan of an inner sole provided with a row of stitching, by means of which the upper leather and inner sole are connected together in the operation of lasting, previous to tacking on the outer sole.

Figure 2 is a plan of the same, attached to the "upper" of a boot or shoe.

My invention relates to certain improvements in the method of attaching the "upper" leather to the inner sole in the operation of lasting previous to tacking on the outer sole preparatory to uniting them together, for which Letters Patent of the United States were granted to Gilbert Hawkes, on the 26th day of June, A. D. 1866; and my invention consists in an inner sole of any suitable material, provided with a row of stitches, extending along or near its centre, to which the "upper" may be directly sewed, thus obviating the objections incident to tacking the "upper" to the inner sole, as has previously been the custom, and dispensing with the strip mentioned in the patent above referred to, whereby a saving is effected in the cost thereof, and the delay and inconvenience of cutting out and attaching it to the inner sole are avoided, while at the same time the operation of securing the edge of the "upper" thereto is very much facilitated.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, *a* represents a row of stitches of wax-thread, extending through the centre of an inner sole, A, of leather, or other suitable material, and executed on any ordinary machine for sewing boots and shoes. The inner sole, A, provided with its row of stitches, is secured in place upon the last in a well-known manner, and the upper is snugly fitted thereto by drawing it over the inner sole and sewing its edge to the row *a* of stitches; the description of stitch employed in this operation being such that the stitch succeeding it will cause the "upper" to be drawn more tightly and fit the last more snugly, thereby preventing the possibility of the "upper" yielding, as is common when sewed in the manner represented in the said Letters Patent of Gilbert Hawkes.

By means of my improved method of preparing the inner sole, I am enabled to introduce the needle between the stitches with much greater ease and rapidity than can be done through a strip of textile material, when attached to the sole, particularly at and near the shank, where the edge of the "upper" is drawn over so far as to prevent its being properly secured to the strip.

In the foregoing description I have spoken of stitches of wax-thread sewed by machine, but it is evident that cord or twine not waxed, of any suitable size and material, or wire, may be used, and the stitches may be made by hand if desired, without departing from the spirit of my invention; but I prefer an inner sole, prepared in the manner first described. It is evident that a groove may be formed in the upper side of the inner sole, in order that the row of stitches may lie even and flush with the surface thereof, thus removing any possible objection that may arise from the stitches projecting above its surface.

Claim.

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

An inner sole, A, of any suitable material, provided with a row of stitches; *a*, by which the upper leather is united to it by stitches, substantially as and for the purpose set forth.

I. R. ROGERS.

Witnesses:

N. W. STEARNS,

P. E. TESCHEMACHER.