

(No Model.)

R. & M. ROTHSCHILD.
SHOE FASTENER.

No. 438,186.

Patented Oct. 14, 1890.

FIG. 1

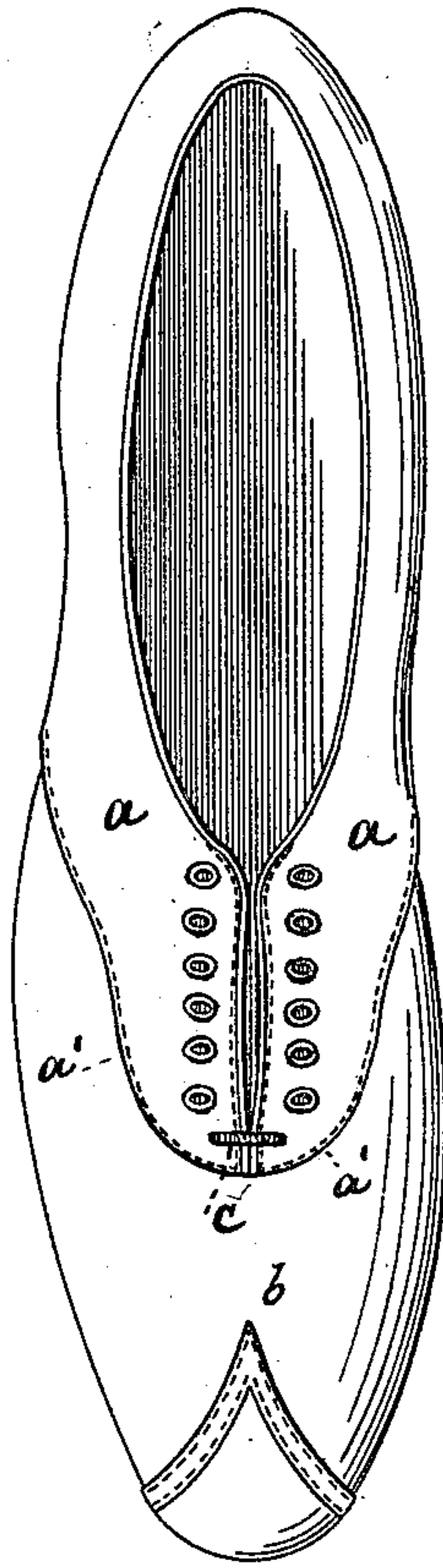


FIG. 3

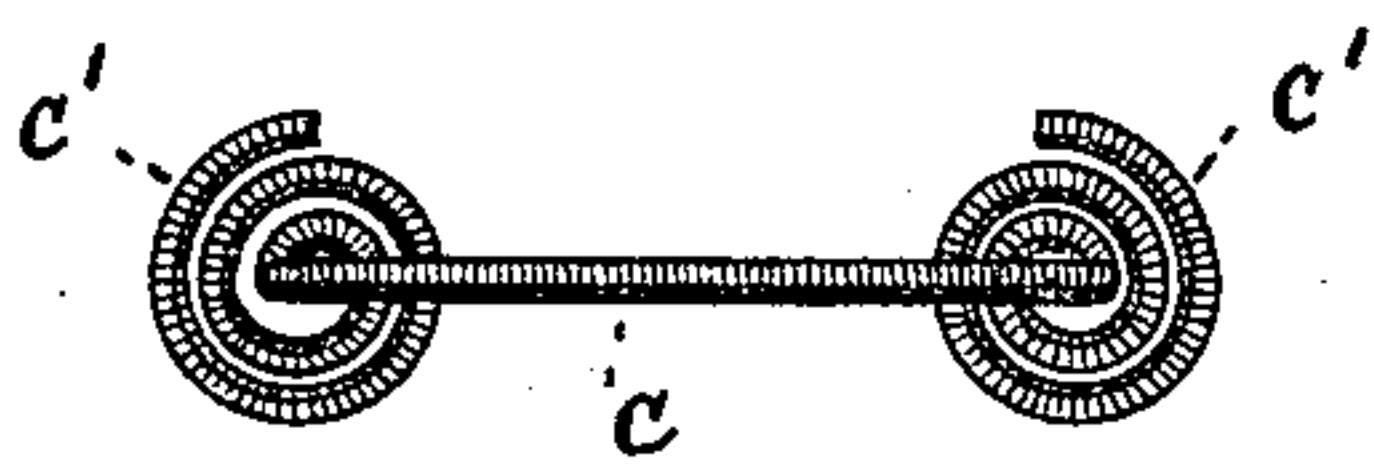


FIG. 4

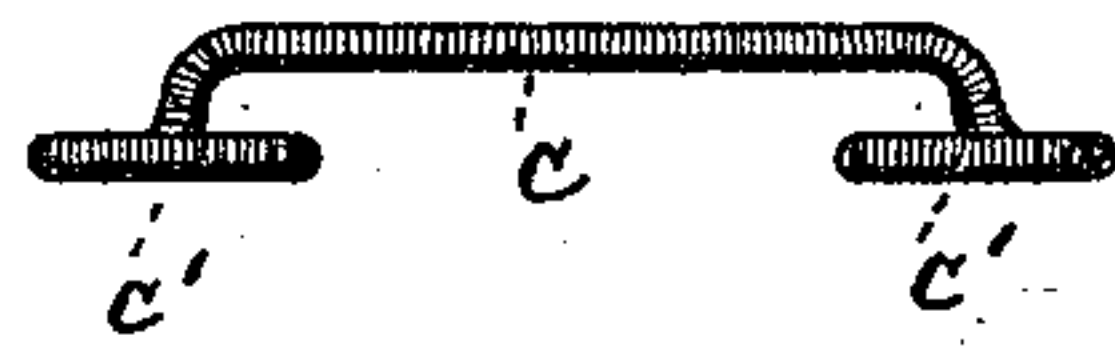
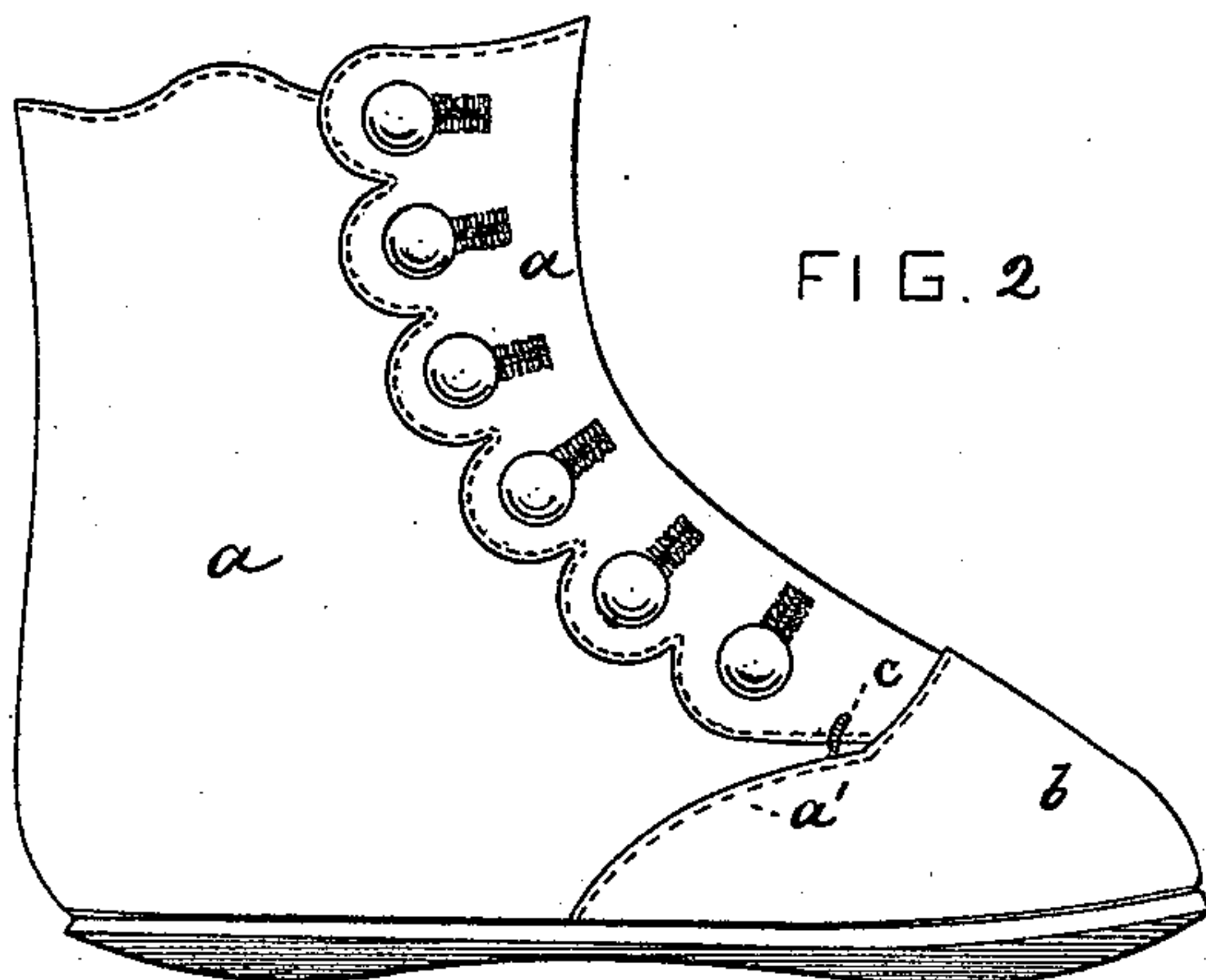


FIG. 2



WITNESSES

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UNITED STATES PATENT OFFICE.

RALPH ROTHSCHILD AND MARKS ROTHSCHILD, OF NEW YORK, N. Y.

SHOE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 438,186, dated October 14, 1890.

Application filed August 5, 1890. Serial No. 361,088. (No model.)

To all whom it may concern:

Be it known that we, RALPH ROTHSCHILD and MARKS ROTHSCHILD, both of New York city, New York, have invented an Improvement in Shoe-Fasteners, of which the following is a specification.

This invention relates to an improvement in shoe-fasteners more particularly designed for connecting the two quarters immediately above their junction with the vamps.

The invention consists in the various features of improvement more fully pointed out in the claim.

In the accompanying drawings, Figure 1 is a front view of a lace-shoe provided with our improved fastener. Fig. 2 is a side of a button-shoe provided therewith. Fig. 3 is an enlarged top view, and Fig. 4 an enlarged side view, of the fastener.

The letters *a a* represent two quarters of a lace or button shoe connected to a vamp *b*, as usual, by seam *a'*. At the lower end of the quarters, above their junction with the vamp, it is necessary to connect them so as to prevent the seam *a'* from being injured while the shoe is reversed in the process of manufacture, and also while it is slipped on the

foot and while it is worn. We connect the quarters by a short length of bent wire *c*, which is preferably spun over, as indicated in Figs. 3 and 4. The wire is bent downward at both ends, and each of the ends is then coiled, so as to form a flat convolute head *c'*. These heads are formed by suitable machinery after the ends of the wire have been passed through the two quarters. Thus, while the main body of the wire bridges the slit between the quarters, the flat convolute heads are concealed beneath the quarters to the right and left of the slit. The advantage of this construction is that the wire may be quickly and cheaply introduced, that it is not liable to tear out, and that it does not hurt the foot.

What we claim is—

A shoe-fastener composed of a length of wire having downwardly-bent ends and a flat convolute head *c'* at each end, substantially as specified.

RALPH ROTHSCHILD.
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Witnesses:

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