

J. A. STOCKWELL.
Boots and Shoes.

No. 147,579.

Patented Feb. 17, 1874.

Fig. 1.

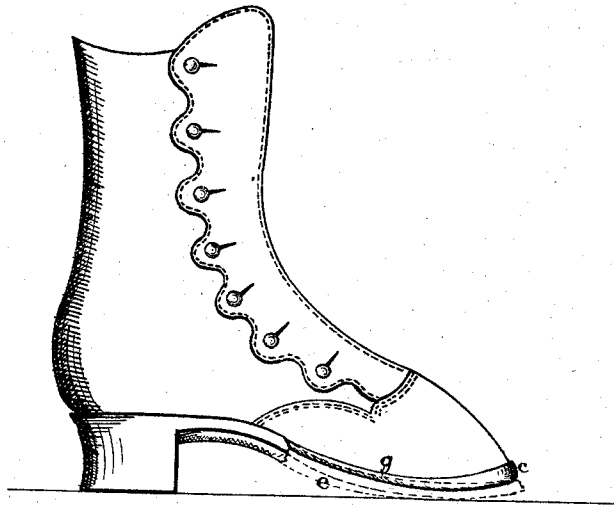


Fig. 2.

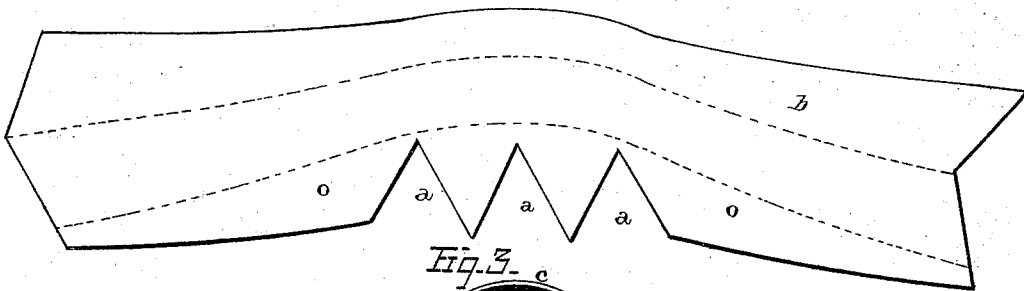
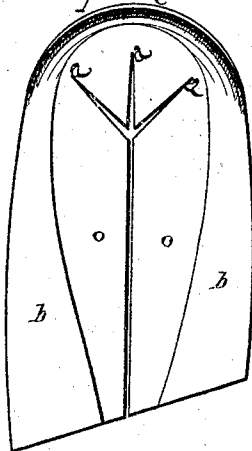


Fig. 3.



WITNESSES:

Geo. E. Hutchinson
W. W. J. Murphy

INVENTOR.

Jno. A. Stockwell
per
F. A. Lehmann, Atty.

UNITED STATES PATENT OFFICE

JOHN A. STOCKWELL, OF DETROIT, MICHIGAN.

IMPROVEMENT IN BOOTS AND SHOES.

Specification forming part of Letters Patent No. 147,579, dated February 17, 1874; application filed January 2, 1874.

To all whom it may concern:

Be it known that I, JOHN A. STOCKWELL, of Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Boots and Shoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention relates to an improvement in guards for boots and shoes; and it consists in forming the guard from a single piece of any suitable material, so that it will not only protect the upper, but form a tap-sole at the same time, as will be more fully described hereafter.

The accompanying drawings represent my invention.

I take a single strip of leather, *o*, of suitable length and width, and after it has been compressed, in any manner, so as to be as solid as possible, cut a number of niches, *a*, in its inner edge. The outer edge *b* is then turned inward over the top, so as to form a double thickness,

and then the central part *c*, which forms the guard for the front of the toe, is turned upward by bending the strip together, as shown in Fig. 3. The upper, secured to the insole, is then placed inside of the strip thus bent, and the outer sole *e* pegged to it, securing the parts all together. The strip of leather will be cut long and wide enough, so that when bent into proper shape it will not only form the guard around the front of the toe and sides of the upper, but a half-sole, *g*, also. The insole, to which the upper is fastened, projecting forward and upward, fills the turned-up guard *c*, so as to support and hold it securely in position.

Having thus described my invention, I claim—

The leather strip *o*, having the niches *a* cut in its inner edge, and bent so as to form the guard or tip *c* and half-sole *g*, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of December, 1873.

Witnesses: JOHN A. STOCKWELL.

G. MAJOR TABER,

ADAM E. BLOOM.