

A. G. COLBY.  
Shoe.

No. 198,450.

Patented Dec. 25, 1877.

Fig. 1.

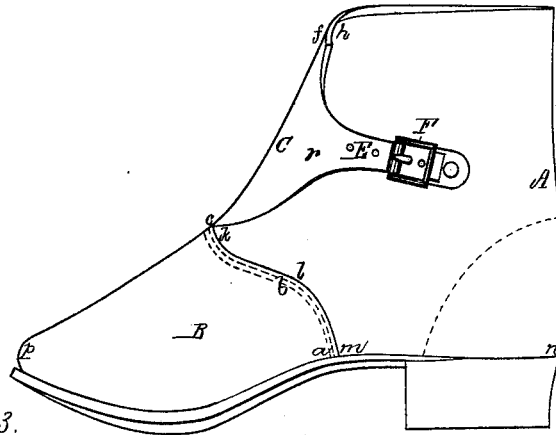


Fig. 3.

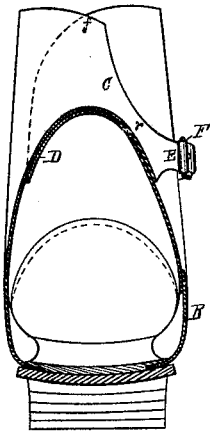


Fig. 2.

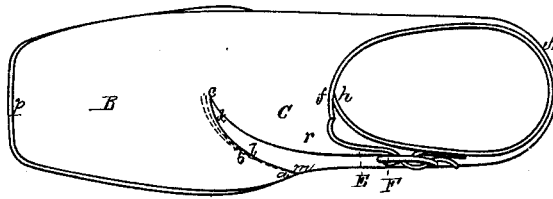
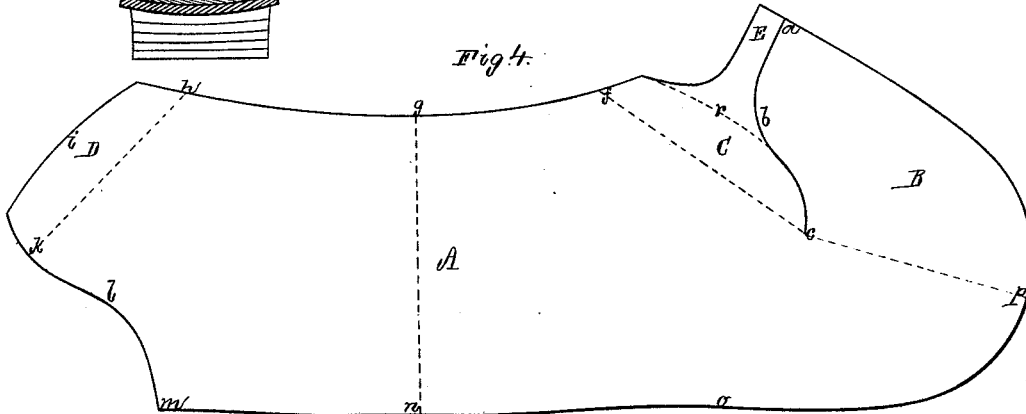


Fig. 4.



Witnesses  
S. N. Piper.  
L. A. Bristol.

Inventor  
A. G. Colby.  
by R. H. Sully atty

# UNITED STATES PATENT OFFICE.

ALSTIN G. COLBY, OF DOVER, NEW HAMPSHIRE, ASSIGNOR TO HIMSELF  
AND ELVIN C. KINNEAR, OF SAME PLACE.

## IMPROVEMENT IN SHOES.

Specification forming part of Letters Patent No. **198,450**, dated December 25, 1877; application filed  
November 12, 1877.

*To all whom it may concern:*

Be it known that I, ALSTIN G. COLBY, of Dover, of the county of Strafford, of the State of New Hampshire, have invented a new and useful Improvement in Shoes; and do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view, Fig. 2 a top view, and Fig. 3 a transverse section, of a shoe having its upper made in accordance with my improvement. Fig. 4 is a view of the upper as it is formed or cut preparatory to it being lasted.

My invention relates to that class of shoes in which the upper is composed of a single piece of leather or material, connected by a single seam, extending from the crown of the instep down one side of the shoe to the sole; my improvement consisting in an upper as so made, and having in one piece with it inner and outer flies or flaps to lap around the instep, the outer fly having to it, and in one piece with it, a buckling-tongue.

In the United States Patent No. 129,333, dated July 16, 1872, a shoe of the class mentioned is represented, it differing from my improved shoe in having to its upper separate instep flies or flaps stitched thereto, and also having a buckling-tongue stitched to its outer instep-flap. My construction of the upper involves the making of it, its two instep flaps, or such and buckling-tongue, in one piece of leather or material, one edge of the outer flap and the buckling-tongue being in the pattern, as shown in Fig. 4, directly against, and having the same curve with, the inner edge of the folded-down portion of the vamp.

By my method of making the upper I save the expense of stitching the flies and flaps thereto, and also that of stitching the buckling-tongue to the outer fly, and, consequently,

I avoid the seams incident thereto, and the inconveniences of such seams to the wearer of the shoe, and their disadvantages in other respects, and besides I am enabled to cut the upper with little or no waste of material.

In the drawings, A B exhibits the upper, C the outer, instep, fly, or flap; D, the inner one, and E the buckling-tongue.

The upper, in Fig. 4, is shown at *a b c f g h k m n o p*, the part B to be folded down being shown at *a c p*. The inner flap is shown at *h i k*, and the outer one at *c r f*.

The upper thus made is first to be folded over near its middle, or on the line *g n*, so as to bring the lower-edge part *n m* directly over the lower-edge portion *n o*. This having been done, the part B is to be folded down at or about the line *p c*, so as to bring the edge *a p* directly over the portion *o p* of the lower edge of the upper. The said part B, at its edge *a b c*, will there overlap the adjacent part of the upper, whose edge is shown at *k l m*, and should be stitched thereto. The inner fly next is to be folded in the line *h k*, which comes at the crown of the instep. The outer fly will be over the inner one, and be folded down one side of the instep, and the buckling-tongue E can be inserted through a buckle, F, secured to the upper and arranged thereon, as shown in Fig. 1.

I claim—

As a new or improved manufacture, a shoe-upper, A B, and its inner and outer instep-covering flaps C D, and a buckling-tongue, E, formed or combined in one piece of material, substantially in manner as shown and described.

ALSTIN G. COLBY.

Witnesses:

HENRY H. HOUGH,  
SAMUEL R. LEIGHTON.