F. WINSLOW.

BOOT AND SHOE SOLE-BUFFER.

No. 190,174. Patented May 1, 1877.

Fig. 1.

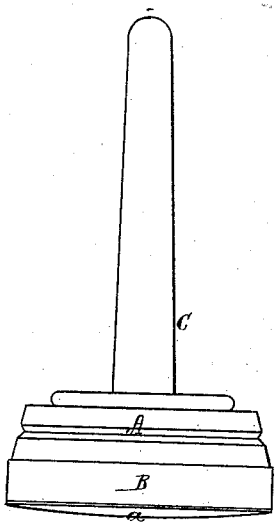


Fig. 2.

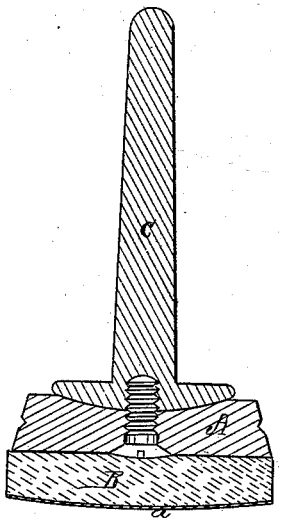
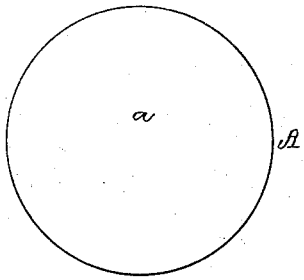


Fig. 3.



Witnesses.

S. N. Pepper

L. R. Miles

Inventor

Freeman Winslow

by his attorney

R. H. Eddy.

UNITED STATES PATENT OFFICE.

FREEMAN WINSLOW, OF SALEM, MASSACHUSETTS, ASSIGNOR TO HIMSELF, JOSIAH W. ROGERS, AND SIDNEY W. WINSLOW, OF SAME PLACE.

IMPROVEMENT IN BOOT AND SHOE SOLE BUFFERS.

Specification forming part of Letters Patent No. **190,174**, dated May 1, 1877; application filed March 21, 1877.

To all whom it may concern:

Be it known that I, FREEMAN WINSLOW, of Salem, of the county of Essex and State of Massachusetts, have invented a new and useful or Improved Shoe-Sole Buffer; 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 longitudinal section, and Fig. 3 an end view, of it.

The finishing of a shoe-sole at or near the vertex of the angle of the shank and heel as hereto practiced requires to be done with great care, especially in order not to injure or deface the front edge of the heel.

The object of my invention is to enable such to be readily and thoroughly and more expeditiously effected.

My improved buffer consists of a disk or conic frustum, A, of wood, a thick disk or conic frustum or cushion, B, of felt, not only glued, cemented, or fastened to one side of the part A, but covered on its outer side with sand-paper *a*, or other suitable buffing or abrasive material, the periphery of the felt being entirely without any such covering. The buffer so made is usually secured or screwed to a metallic shank, C, for fixing it to a rotary shaft or a bar.

In using the buffer while it may be in rapid revolution its abrasive surface is to be brought and borne in contact with the shoe-sole shank, and to be moved across it near and up to its junction with the front edge of the heel. The elastic property of the felt will allow of the abrasive covering being carried in close contact with the surface to be finished, and up to the heel without danger of injury to or defacement of it.

It also causes the abrasive surface to readily adapt itself to the varying curved surface to be buffed or finished by it.

I claim—

1. The rotary shoe-sole buffer, substantially as described, composed of the supporting wooden conic frustum A and the felt disk or conic frustum B and its abrasive covering *a*, arranged and applied essentially as set forth.

2. The combination of the shank C, the wooden frustum A, the felt frustum B, and the abrasive covering *a*, all arranged and applied substantially as shown and described.

FREEMAN WINSLOW.

Witnesses:
R. H. EDDY,
J. R. SNOW.