(No Model.)

A. W. ROGERS.

BUFFER.

No. 421,764. Patented Feb. 18, 1890.

Fig. 1.

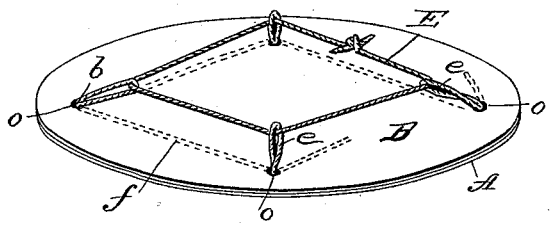
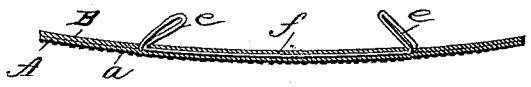


Fig. 2.



Attest
Walter Donaldson
F. L. Middleton

Inventor
Andrew W. Rogers
by Elwood Green
Atty.

UNITED STATES PATENT OFFICE.

ANDREW W. ROGERS, OF BEVERLY, MASSACHUSETTS, ASSIGNOR TO SIDNEY W. WINSLOW, TRUSTEE, OF SAME PLACE.

BUFFER.

SPECIFICATION forming part of Letters Patent No. 421,764, dated February 18, 1890.

Application filed June 29, 1889. Serial No. 315,993. (No model.)

To all whom it may concern:

Be it known that I, ANDREW W. ROGERS, of Beverly, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Buffers; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improvement in abrading-coverings for buffers for finishing the soles of boots or shoes.

It consists of a special construction of connecting devices and of the covering adapted to these devices.

The invention belongs to that class of coverings such as shown in Letters Patent No. 407,245, granted to me on the 16th day of July, 1889, in which attaching devices are connected to the face of an abrading-cover at points between the margin and center, whereby the edge is left free and the covering is held against turning more effectually than is the case when a center bolt is used, as has been done heretofore.

My invention consists of a series of loops or strings held to the face between the abrading-disk and the re-enforcement or disk on the back of the abrading-disk.

The invention is shown in the accompanying drawings, in which—

Figure 1 shows a perspective view of the invention. Fig. 2 is a section thereof.

In the drawings, A represents the abrading-disk having a sand or emery face *a*. To the back of this is glued a re-enforcement B. Between this is fixed a connecting-string *b*, which is placed in position when the disk is formed and before the parts are pressed together and dried. Holes, as at *o*, are made in the disk, and loops *e* of the cord are passed up through from the inner to the outer face of the re-enforcement. When the loops are thus formed, a single piece of cord or string is used, and a part, as *f*, lies between the disks A and B, being firmly held between the two, while the loops pass through the openings and are ready for connection with the ordinary foot. They may be projected through holes, as shown in Fig. 1, and be held by a string E, or may be tied, the tying being at the side when ends instead of loops are used.

I claim as my invention—

1. In combination with an abrading-disk, a string secured to the face of said disk and having loops or ends adapted to connect it with the foot of a buffer, substantially as described.

2. In combination with disks A and B, the connecting-string located between said disks and having loops or ends extending through one of said disks, substantially as described.

ANDREW W. ROGERS.

Witnesses:

EUGENE M. PHELPS,

C. B. TUTTLE.