

(No Model.)

A. ANDRÉN.
Buffing Pad.

No. 238,201.

Patented March 1, 1881.

Fig. 3.

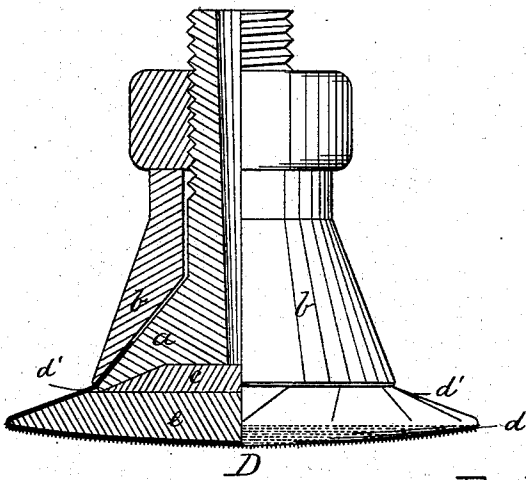


Fig. 2.

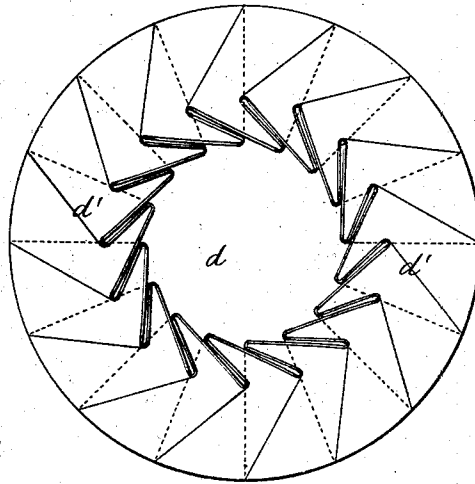
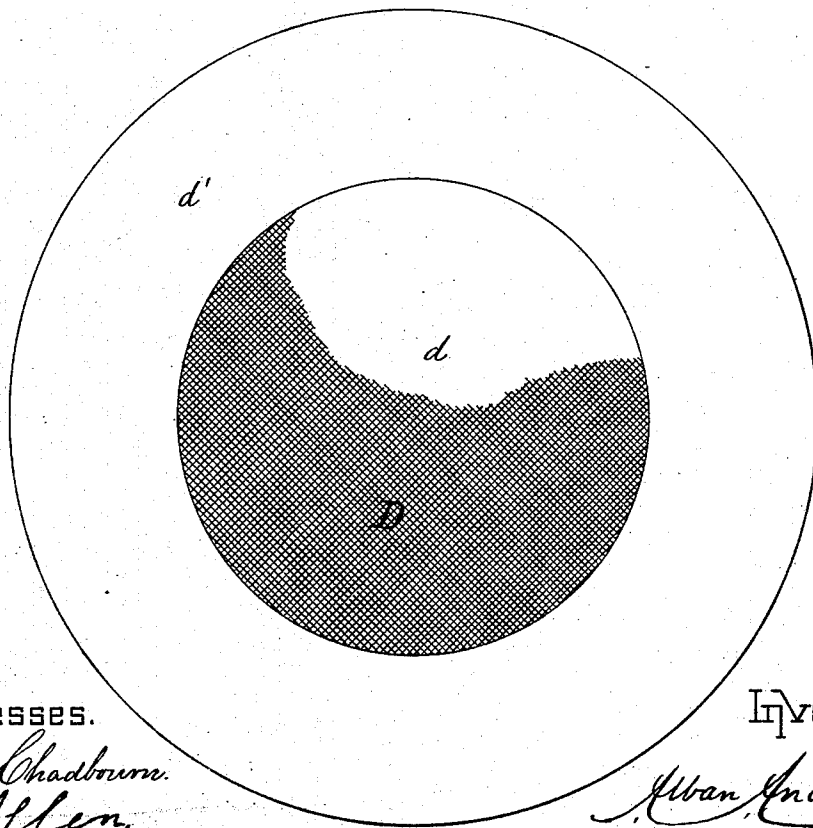


Fig. 1.



Witnesses.

Henry Chadbourne.
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UNITED STATES PATENT OFFICE.

ALBAN ANDRÉN, OF BEVERLY, ASSIGNOR TO FREEMAN WINSLOW, OF
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BUFFING-PAD.

SPECIFICATION forming part of Letters Patent No. 238,201, dated March 1, 1881.

Application filed December 20, 1880. (No model.)

To all whom it may concern:

Be it known that I, ALBAN ANDRÉN, a citizen of the United States, residing at Beverly, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Buffing-Pads; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements on the patent granted to Josiah W. Rogers on the 18th day of May, 1880, No. 227,839, for improvements in buffing-pads for boot and shoe soles; and it consists in making the pad-covering of one single circular piece of cloth, or other suitable material, the outer annular portion of which is crimped so as to form an annular crimped ring, which, on account of its expansive nature, is well adapted to be inserted between the clamping-jaws of the holder used for this purpose, and as the whole pad-covering is entirely seamless, its strength and durability are considerably increased over the former ones, which were made of two pieces united together by stitching their edges.

Another advantage of my improved pad-covering is, that its crimped annular ring forms a re-enforced surface to be held between the clamping-jaws of the holder, and thus the pad can be held more firmly without liability to twisting during its quick rotation on the spindle of the buffing-machine when in use. After the annular portion of the seamless pad-covering has been crimped its central circular under side is provided with an abrasive substance, such as powdered emery or equivalent material, that is attached to it by means of glue or other adhesive cement, in a similar manner to making emery-cloth or sand-paper.

On the accompanying drawings, Figure 1 represents a bottom view of the pad-covering

as laid out flat. Fig. 2 represents a top view of the same after being crimped, and Fig. 3 represents a sectional elevation of the same as attached to the clamping-jaws of the holder.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a b represent the conic frusta of the usual pad-holder, and *c* is the packing on the under side of the holder *a*, as usual.

d d' represent the circular single-piece pad-covering, the annular portion *d'* of which is crimped and folded inward on the upper side, as shown in Fig. 2, for the purpose set forth. The under side of the central circular smooth part, *d*, is covered with emery, D, or other suitable abrasive substance, as and for the purpose set forth. In making these seamless pad-coverings it is preferably intended to first crimp the annular rim *d'*, and afterward apply the abrasive substance to the central uncrimped part thereof; but I do not wish to confine myself to this exact manner of making the pad-coverings, as the abrasive material may be first applied to the central part, *d*, and the annular rim *d'* crimped afterward, if so desired.

e is the pad within the pocket, as usual.

Having thus fully described the nature and construction of my invention, I wish to secure by Letters Patent, and claim—

The herein-described seamless pad-pocket, consisting of one single piece, as shown, with its central circular portion, *d*, covered with an abrasive material, and having its annular outer surface, *d'*, crimped and adapted to be secured between the clamping-jaws of the holder, substantially as and for the purpose set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

ALBAN ANDRÉN.

Witnesses:

FRANCIS ALLEN,
HENRY CHADBOURN,