

(No Model.)

W. C. WOODLAND.
Buffing Cone.

No. 236,472.

Patented Jan. 11, 1881.

Fig. 1.

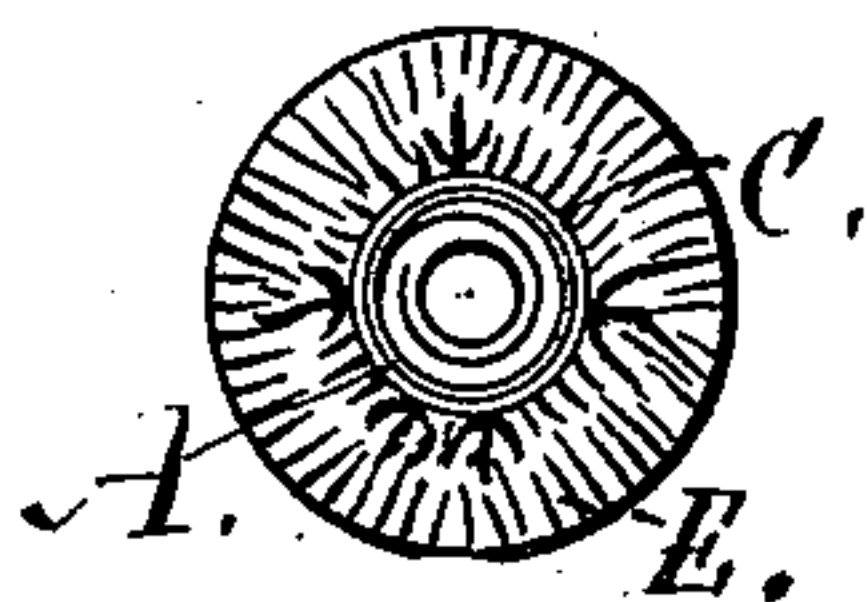
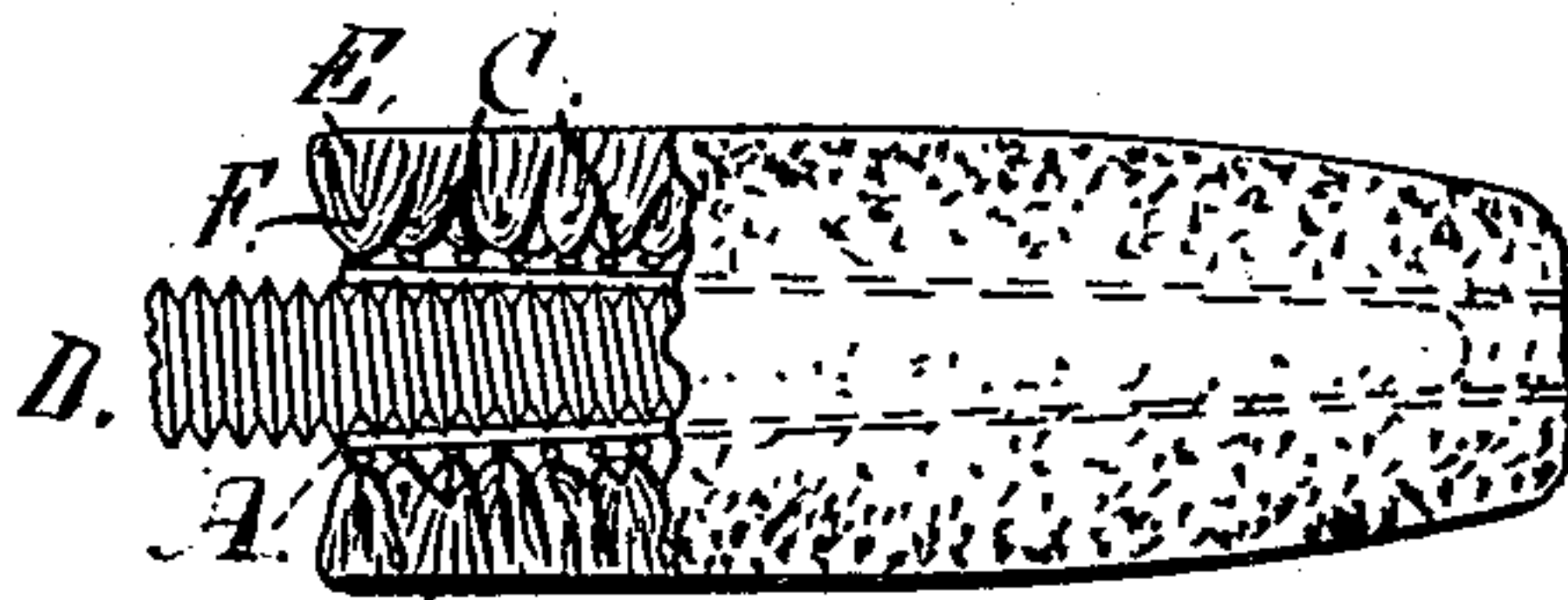


Fig. 2.



Attest:

George B. Adams
Nathan Harper

Inventor.

William C. Woodland
By Donald Harris, atty

UNITED STATES PATENT OFFICE.

WILLIAM C. WOODLAND, OF NEWARK, NEW JERSEY.

BUFFING-CONE.

SPECIFICATION forming part of Letters Patent No. 236,472, dated January 11, 1881.

Application filed November 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. WOODLAND, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Buffing-Cones, of which the following is a specification.

My invention relates to flexible buffing-cones for finishing the inside of rings or other articles; and it consists in making them hollow, having a base of cloth cemented together and wrapped about with a strong thread or cord and covered with wicking, in the manner herein set forth, and adapted to be worked on a screw-mandrel.

Heretofore these cones have been made with a solid (usually wood) center, and these placed on a mandrel for use soon became loose and wobbling, and poorly accomplish the work sought to be done. To remedy this difficulty is the object of my invention.

Figure 1 is an end elevation; and Fig. 2, a longitudinal view, partly in section, showing the cone in position for use.

In the manufacture of my buffing-cones I take a piece of strong cloth, A, of linen, duck, or the like, and wind it on a cone-shaped mandrel, and glue fast the outer edge that laps onto the main body. Around this cloth, still on the mandrel, I closely wind strong thread, C, to prevent it from being unduly expanded. When

in use it is placed on a screw-mandrel, D. To this base, made of the cloth and thread, I sew cotton-wicking, E, in lengths of an inch, more or less, letting the stitches, F, pass over the middle of the wicking, so that the ends, being doubled together when the base is sewed full, become a buffing-surface, trimmed off as required, for the purpose above stated. When thus prepared the cones are taken off from this mandrel to be supplied to the trade, having the hollow center, by which they may be screwed onto the mandrel D for use, where they remain firm and steady, not wobbling, and when worn out are replaced by others.

I do not broadly claim a hollow flexible cone, for in itself it is not new; but my novelty consists in the order of special construction, adapting the cone to be used on a screw-mandrel.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, the hollow flexible buffing-cone having the base A, of cloth, bound about with thread, C, and covered with wicking, E, stitched thereto, substantially as and for the purpose specified.

WILLIAM C. WOODLAND.

Witnesses:

HORACE HARRIS,
GEORGE B. ADAMS.