

G. A. CROCKER.
SANDING-ROLLER.

No. 174,204.

Patented Feb. 29, 1876.

Fig. 1

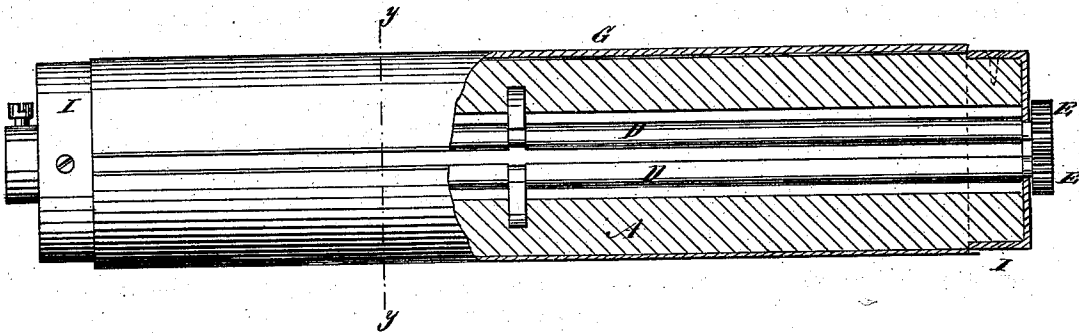
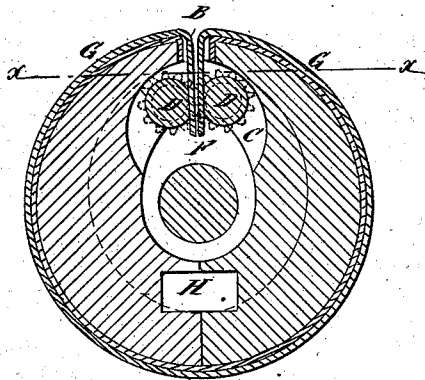


Fig. 2



WITNESSES:

C. Severn
J. Goethals

INVENTOR:

G. A. Crocker
BY *Munn*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE A. CROCKER, OF STOCKTON, MAINE.

IMPROVEMENT IN SANDING-ROLLERS.

Specification forming part of Letters Patent No. **174,204**, dated February 29, 1876; application filed January 7, 1876.

To all whom it may concern:

Be it known that I, GEORGE A. CROCKER, of Stockton, in the county of Waldo and State of Maine, have invented a new and Improved Sanding-Roller, of which the following is a specification:

My invention consists of a pair of rollers arranged inside of the roller on which the sand-paper is fastened, to hold the sand-paper on tight and smooth by receiving the ends between them through a slit in the roll, and drawing them in tightly, the rolls being extended out through one end of the large roller, so as to be turned by hand, and being geared together so as to be turned alike.

Figure 1 is partly a side elevation and partly a sectional elevation of my improved sanding-roller, and Fig. 2 is a transverse section taken on line *y y* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A is the sanding-roller, which is made of wood or any other approved substance, with a slit, B, along one side opening into a hollow space, C, in which is a pair of drawing-rolls, D, extending the whole length of the roller, and geared together at one end by toothed

wheels E, said rolls being to receive the ends F of the sand-paper G, to be applied to the roll for sandpapering boot and shoe soles or other work, and draw them in so as to tighten the paper on the roll and hold it fast. A ratchet or other device for holding the rolls, so as to keep the paper tight, will be employed. H is a hollow space made in the roll A opposite to the chamber containing the tightening-rolls for inserting material for balancing the main roll after the tightening-rolls have been fitted in.

By preference the roll A is made of two half parts fastened together by a metal cap, I, on each end.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with sectional roll having end shoulders, of the end caps, which both hold the sections together and form bearings for the tightening-rolls, as shown and described.

GEORGE A. CROCKER.

Witnesses:

F. J. WATTS,
J. E. GRIM.