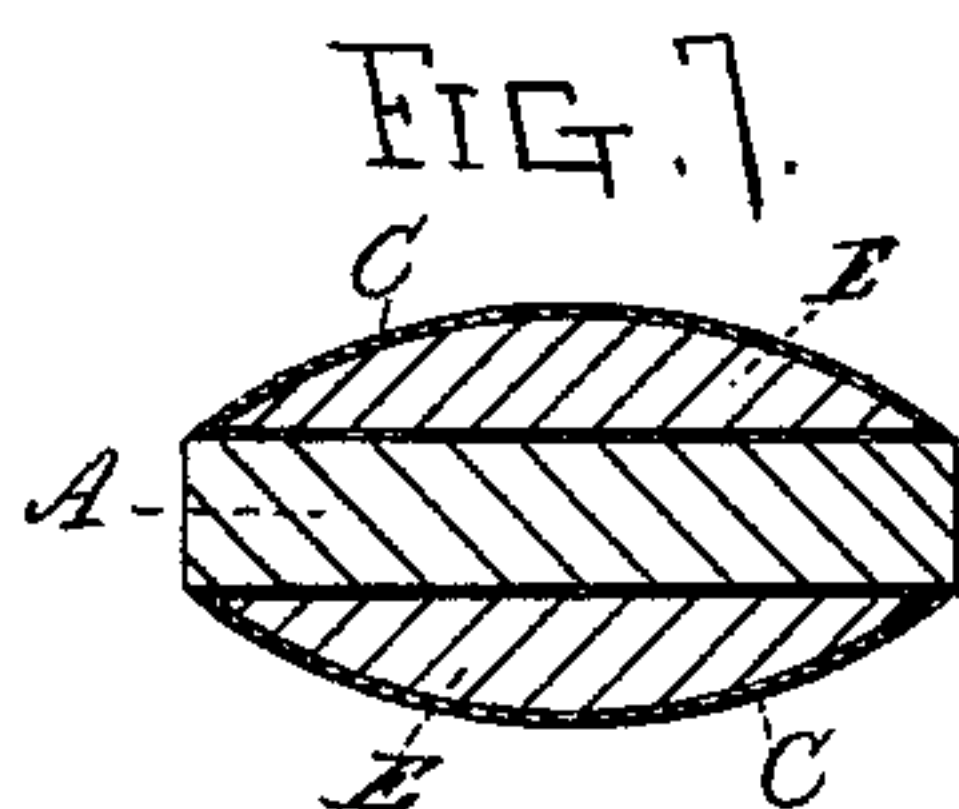
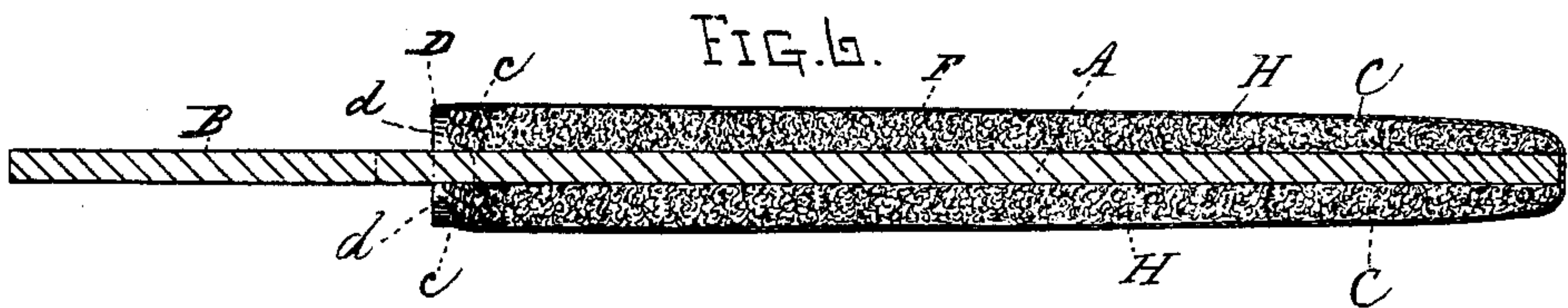
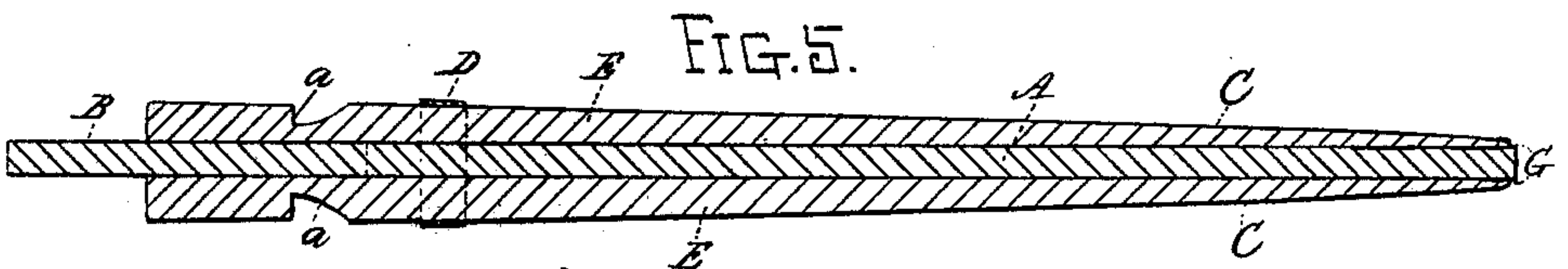
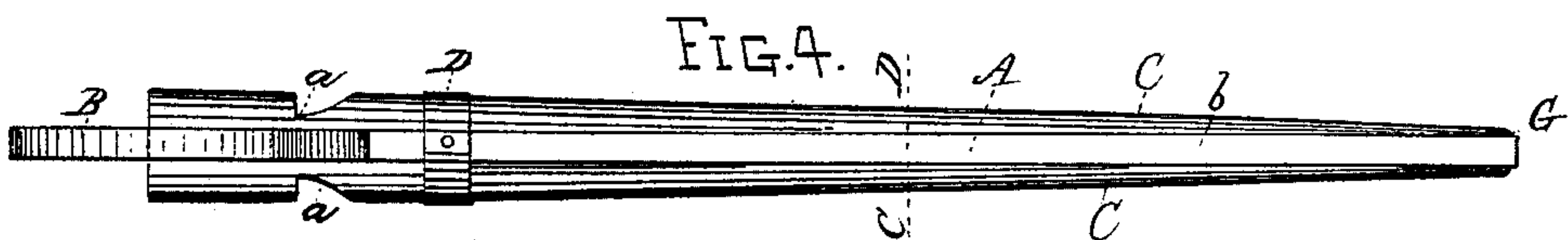
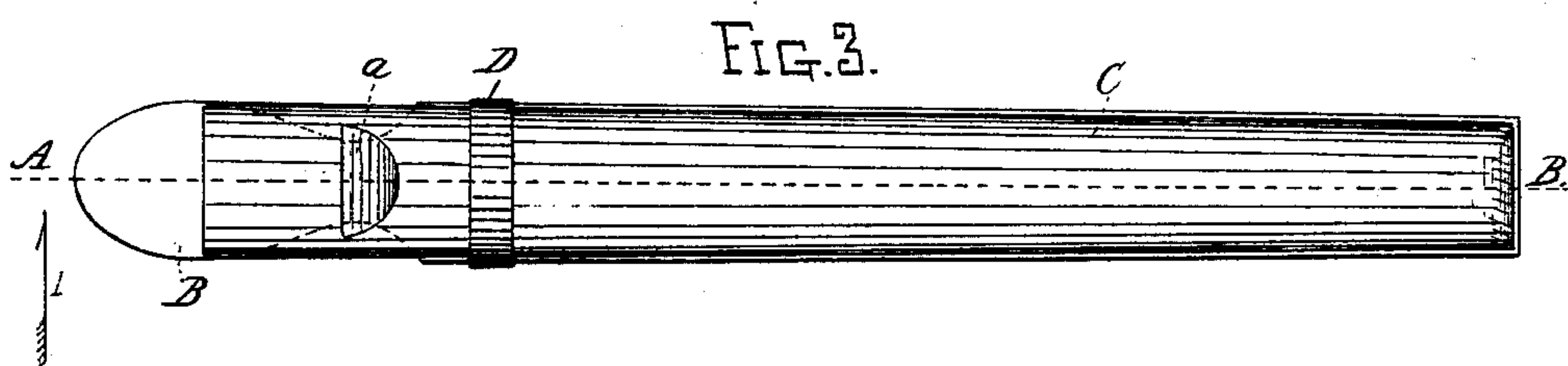
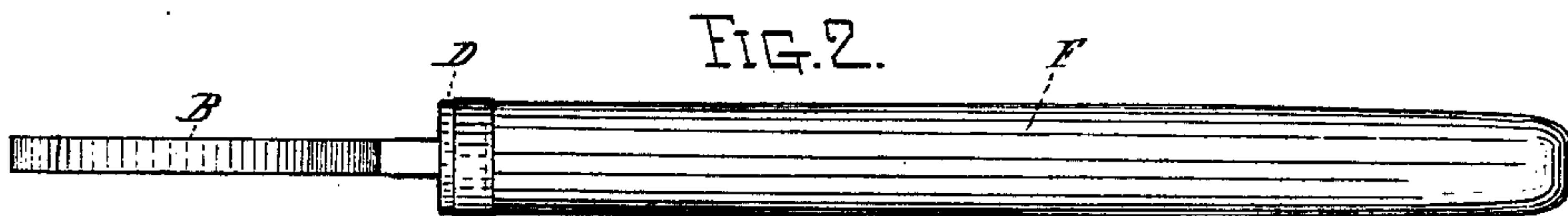
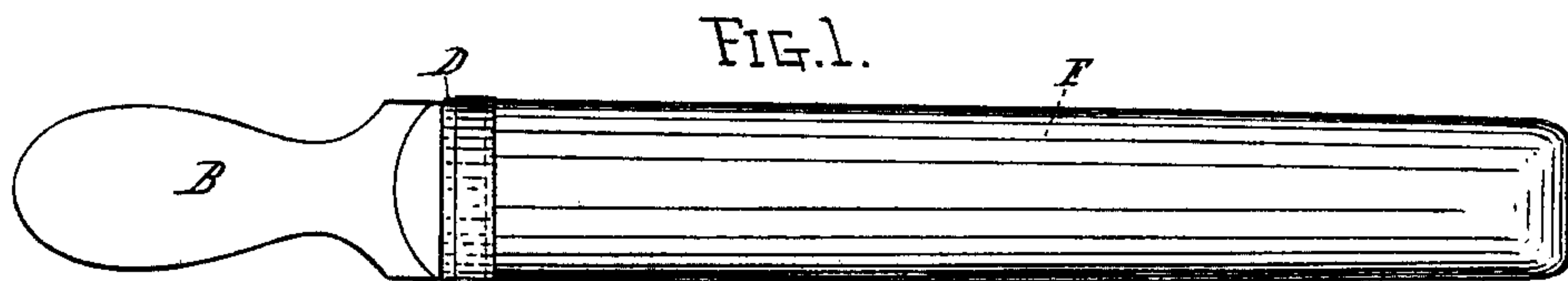


J. R. TORREY.

RAZOR STRAP.

No. 188,830.

Patented March 27, 1877.



WITNESSES;

Thos. H. Dodge
Albert A. Parker

INVENTOR;

Joseph R. Torrey

UNITED STATES PATENT OFFICE.

JOSEPH R. TORREY, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN RAZOR-STROPS.

Specification forming part of Letters Patent No. **188,830**, dated March 27, 1877; application filed October 27, 1876.

To all whom it may concern:

Be it known that I, JOSEPH R. TORREY, of the city and county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Razor-Strops; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a side view of a razor-strop made according to my invention. Fig. 2 represents an edge view of the razor-strop shown in Fig. 1. Fig. 3 represents a side view of the strop at one stage of its manufacture. Fig. 4 represents an edge view of Fig. 3. Fig. 5 represents a longitudinal central section on line A B, Fig. 3. Fig. 6 represents a section on same line at a subsequent stage of the mode or process of manufacture, as will be hereafter explained; and Fig. 7 represents a cross-section on line C D, Fig. 4, the same being shown upon an enlarged scale.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

In the drawings, the part marked A represents the central stem or frame of the strop, extended at one end to form the handle B. Paper bags C C are first glued to the sides of the part A, and then the metal band D is secured near the handle B, in the manner indicated in the drawings. A tapering former, E, having a notch, *a*, is then run into the paper bag on each side of the central frame or support A, whereby said paper bags are extended and stretched in a uniform manner. A leather covering, F, is now stretched over and about the entire ends of the parts A and C C from the point G back to the metal band D, said leather covering being glued to the outer surfaces of the paper bags, and also to the outer edges *b* of the central part A. After said leather covering has been properly applied and prepared to receive its stropping covering, the formers E are removed, and bran, H, is forced into the paper bags C C until they

and their leather covering F are extended, as indicated in Figs. 1, 2, and 6.

Owing to the peculiar shape and construction of the formers E E—the same being wedge-shaped in the direction of their length upon their outer sides, and also sloping in both directions from their centers in cross-section—the slack or stretch of the leather casing or covering is taken up, and carried or worked slightly forward toward the outer end G of the strop, whereby, when the stuffing operation is completed, the rear of the strop is not, in size, greatly in excess of the size of the other end, while the general shape on both sides is quite uniform, thereby producing two very perfect and elastic stropping-surfaces, one on each side.

After the bran is forced into the paper bags, the open ends of said bags are closed by a stuffing, *c*, of some elastic substance, to retain the bran in position; and, if desired, a suitable stropping composition or compound, *d*, may be placed in the ends of the bags, to be used to cover the strop when required to keep the leather surface thereof in the proper condition for use.

I am aware that Letters Patent were granted to C. G. Haynes, October 25, 1859, for improvement in razor-strops, and therefore disclaim the mode or process practiced by said Haynes, and described in the aforesaid patent.

Having described my improved razor strop, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. The combination of the stretched taper and convex paper bags C C with the stem A, as and for the purposes set forth.
2. The combination of the stretched convex and paper bags C C, metal band D, and stem A, as and for the purposes set forth.
3. The convex and taper former, as shown and set forth.

JOSEPH R. TORREY.

Witnesses:

THOS. H. DODGE,
ALBERT A. BARKER.