J. A. Thompson.

Hat Brush.

No. 41,895. Patented Mar. 8, 1864.

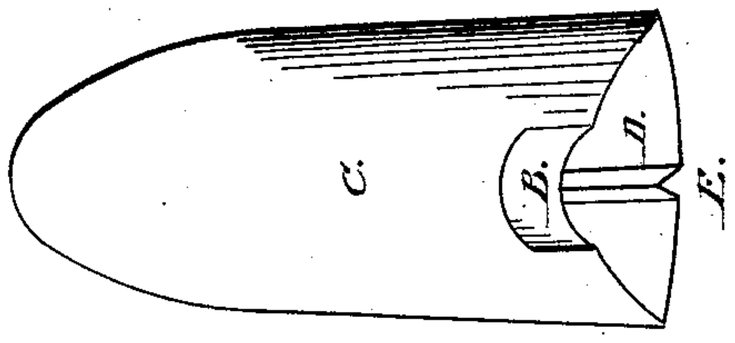

Fig. 2.

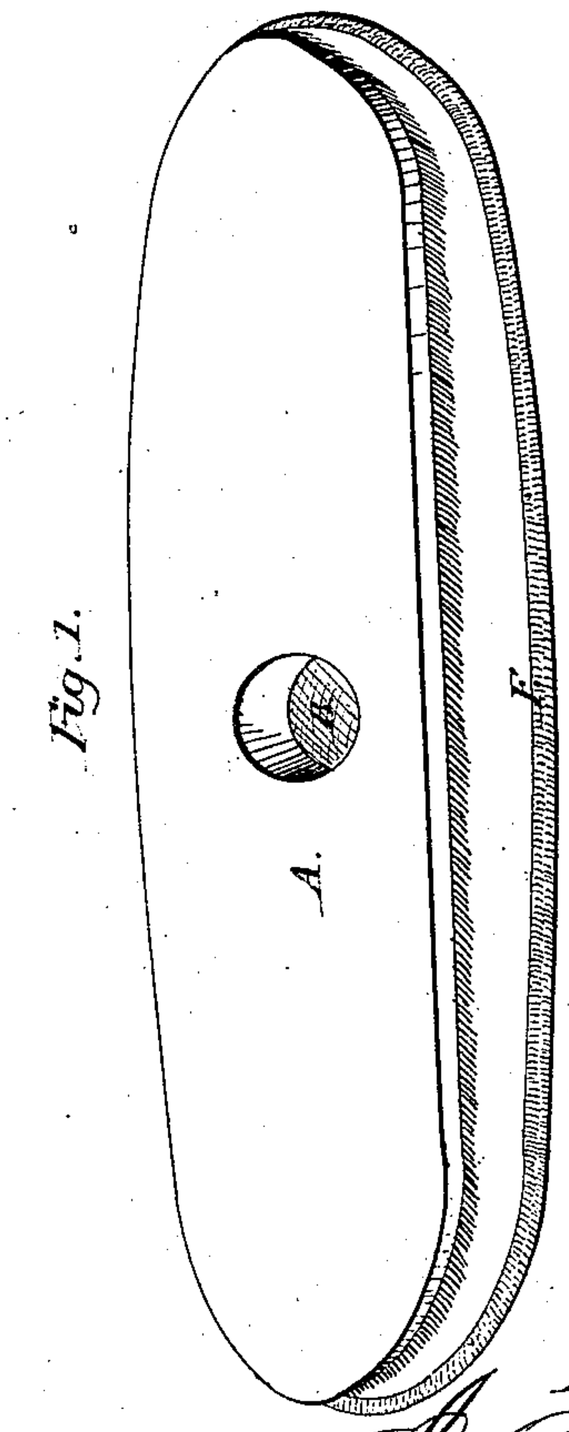

Fig. 1.

Witnesses:
Thomas C. Smith
A. Moore

Inventor:
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UNITED STATES PATENT OFFICE.

J. A. THOMPSON, OF AUBURN, NEW YORK.

IMPROVEMENT IN HAT AND VELVET POLISHES.

Specification forming part of Letters Patent No. **41,895,** dated March 8, 1864.

To all whom it may concern:

Be it known that I, J. A. THOMPSON, of the city of Auburn, in the county of Cayuga and State of New York, have invented a new and useful Improvement in Hat and Velvet Polishes; and I do declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a hat and velvet polish with a metallic case, which is to be filled with boiling water, which imparts the requisite degree of heat to the silk plush or fur of the hat or to the pile of the velvet, rendering the fiber pliable, and thus imparting a smooth glossy surface to the same when brushed.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct a water-tight case of sheet-brass or other suitable metal, slightly convex on its lower surface and of greater convexity on its upper surface. The face surface is stiffened by one or more longitudinal **V** corrugations raised upward and inward. The face surface is covered with camel's hair or other plush, and drawn firmly and secured upon its back by stitching or by adhesive cement.

The wood back A is concave, exactly corresponding with the convexity of the upper section of the metallic case. The wood back is pressed down firmly upon the plush, and is secured by flanging the upper end of tube B, which holds the wood and metal case firmly together. The wood is rendered water-proof by shellac or other water-proof varnish.

Figure 1, A shows the wood back; B, the tube for the admission of the water. F shows the edge of the plush projecting slightly beyond the wood.

Fig. 2 is a transverse section showing the form of the metal case; C, the upper or greater convex surface; D, the lesser or face surface; B, the tube for admitting the water; E V, convex corrugations to stiffen face of metal case.

When used, the case is fitted with boiling water, which raises the temperature of the polish. Throw this out and refill, and you get a temperature as high as can be used without danger of loosening the plush of the hat. A cork is introduced at B, which holds the water in case, the heat of which is passed to the hat or velvet through the plush.

What I claim is—

A hat and velvet polish with an interior metallic case, into which may be introduced heated fluid or sand.

J. A. THOMPSON.

Witnesses:

THOMAS C. DONN,

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