

(No Model.)

G. H. BROADHURST.
FINGER NAIL POLISHER.

No. 338,245.

Patented Mar. 23, 1886.

Fig. 1

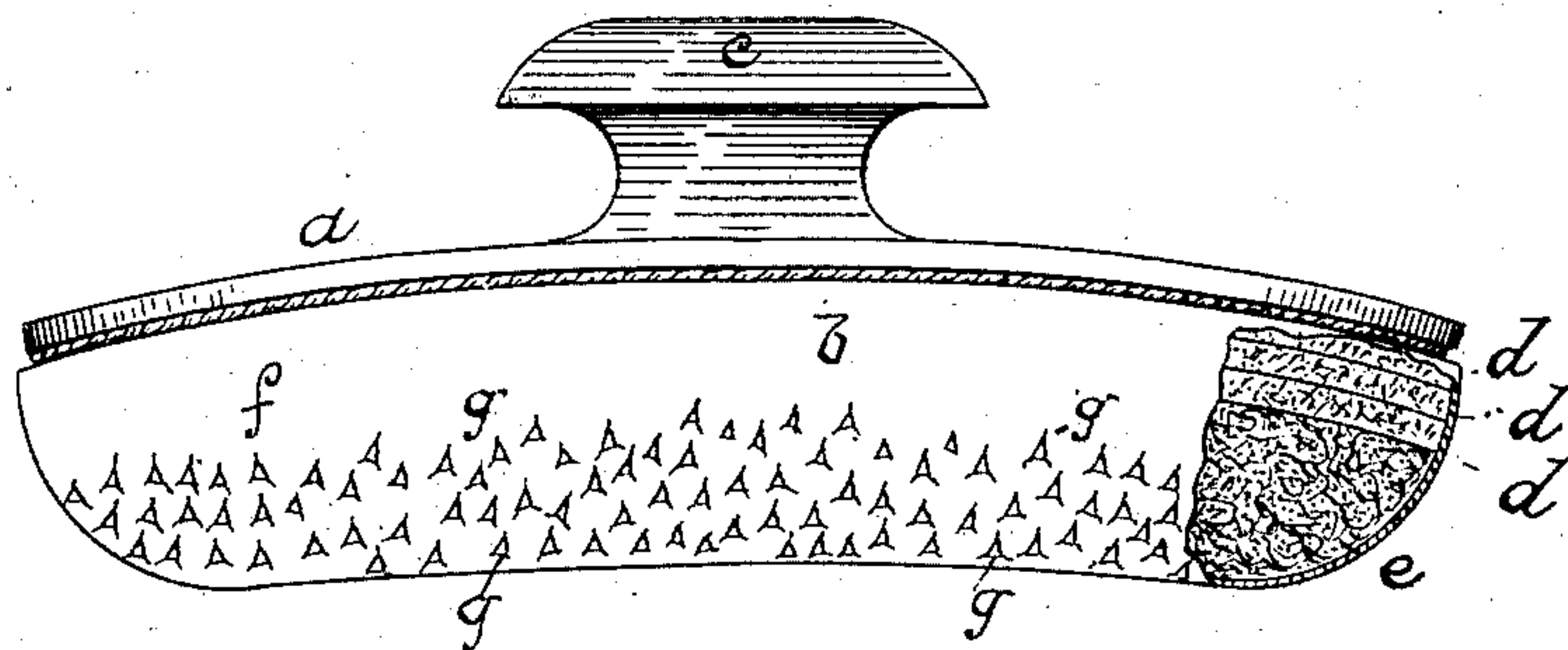
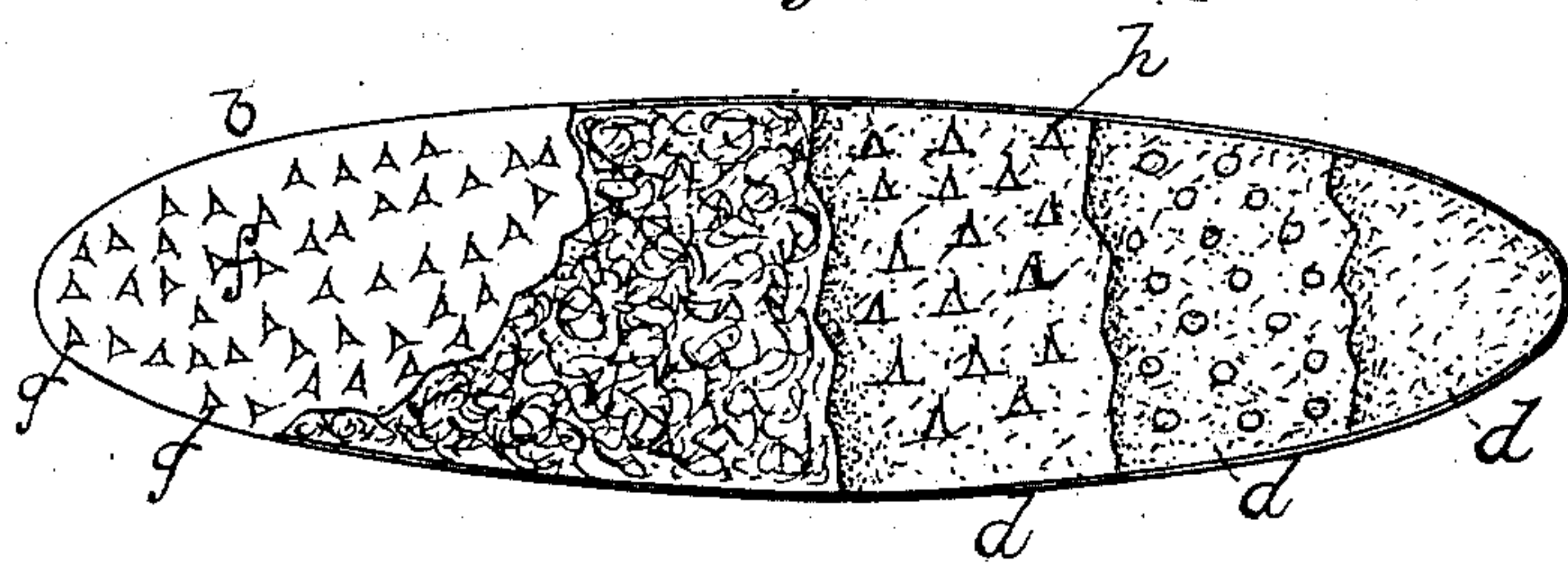


Fig. 2



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GEORGE H. BROADHURST, OF BROOKLYN, NEW YORK.

FINGER-NAIL POLISHER.

SPECIFICATION forming part of Letters Patent No. 338,245, dated March 23, 1886.

Application filed June 18, 1885. Serial No. 169,109. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. BROADHURST, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Finger-Nail Polishers, of which the following is a specification.

My invention relates to devices for dressing or polishing the surface of finger-nails; and the purpose of my improvement is to provide a nail-polisher having facilities for retaining the powder or nail enamel, and for expelling it during the process of attrition.

In the accompanying drawings, which fully illustrate my invention, Figure 1 is a side view of a nail-polisher containing my improvements, with a portion of the covering broken away. Fig. 2 is a view taken from the under side, broken away to show the internal layers of the pad.

Heretofore this class of implements have been made with a cushioned body having an outer covering of chamois-skin, and are used in connection with a box of enamel-powder for applying to the finger-nails to give them a polish. In dipping the polisher into the powder it can be made to retain only as much as will adhere to the fluffy surface of the chamois-skin. In this operation considerable powder is scattered and wasted. These objections are overcome by my device, in which the cushion or pad is made a receptacle for containing the polishing material and a distributor of the same in the required quantity.

Let *a* represent the top frame or back, to which the pad or cushion *b* is secured, and *c* the handle thereof.

The frame *a*, with its handle, is of the usual construction.

The pad *b*, which is made of a cushion shape, is composed of layers of soft felt *d*, three or more, as may be necessary, and a layer of cotton fiber, *e*, over which is secured the outer covering, *f*, of chamois-skin, and the whole is permanently secured to the frame *a*.

The chamois-skin covering *f* is provided on its surface with numerous holes, *g*, which are cut in a triangular shape, the three points of the triangle being slits, so that only a very minute central aperture is formed.

One or more of the layers of felt *d* may be similarly slit or cut, as seen at *h*, Fig. 2.

In making up the pad *b*, a quantity of powder of a suitable kind for abrading and polishing the nails is introduced between the felt, and the whole cushion is charged with the material by sprinkling it throughout the cotton and by filling up the holes in the felt.

In place of the perforations here shown, I may prefer to cut two slits, transverse of each other, and form a small polygonal aperture in the chamois-skin, not large enough to permit of any appreciable escape of the powder when in its normal condition.

In the operation of rubbing the apertures here shown will be caused to expand in one or the other direction sufficiently to allow of the powder being pressed out onto the nail in the quantity required for use.

The layers of felt may be made to retain a considerable amount of powder by providing them with numerous round holes, which, in the making up of the cushion, are filled with the powder.

My improved polisher is adapted to a variety of uses where a continuous and uniform distribution of the polishing material without waste is a consideration.

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

1. As a new article of manufacture, a polishing implement having a pad or cushioned body formed of elastic material and charged with polishing-powder, the outer covering of the pad having apertures capable of distending under pressure, as set forth.

2. In a nail-polisher, the combination, with the frame, of a pad composed of layers of felt having perforations, an under layer of cotton fiber, and a covering of perforated chamois-skin, and the whole charged with powder, as set forth.

3. In a nail-polisher, the combination of a pad composed of felt layers, a fibrous substance, interposed layers of polishing material, and an outer covering of chamois-skin having angular-shaped perforations, as set forth.

GEO. H. BROADHURST.

Witnesses:

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E. A. BOWEN.