

(No Model.)

B. B. HILL.
BLOTTER BATH.

No. 335,584.

Patented Feb. 9, 1886.

Fig. 1.

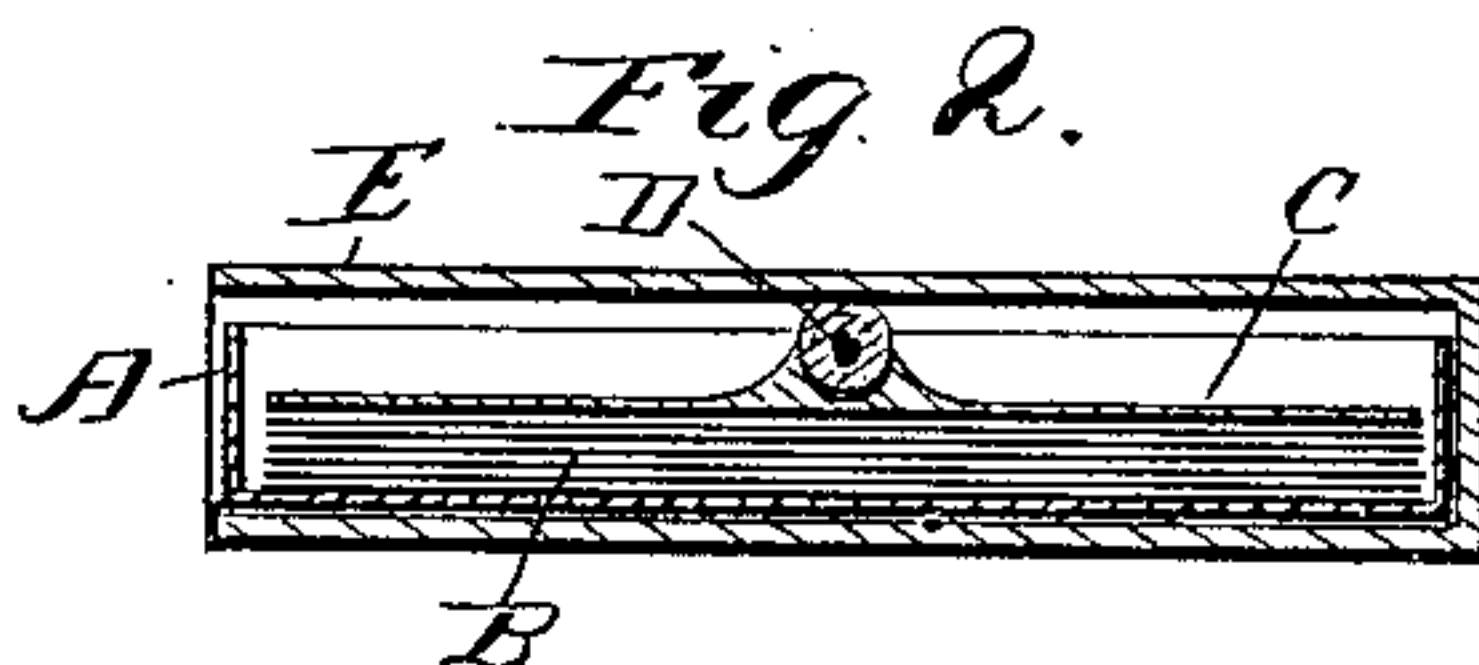
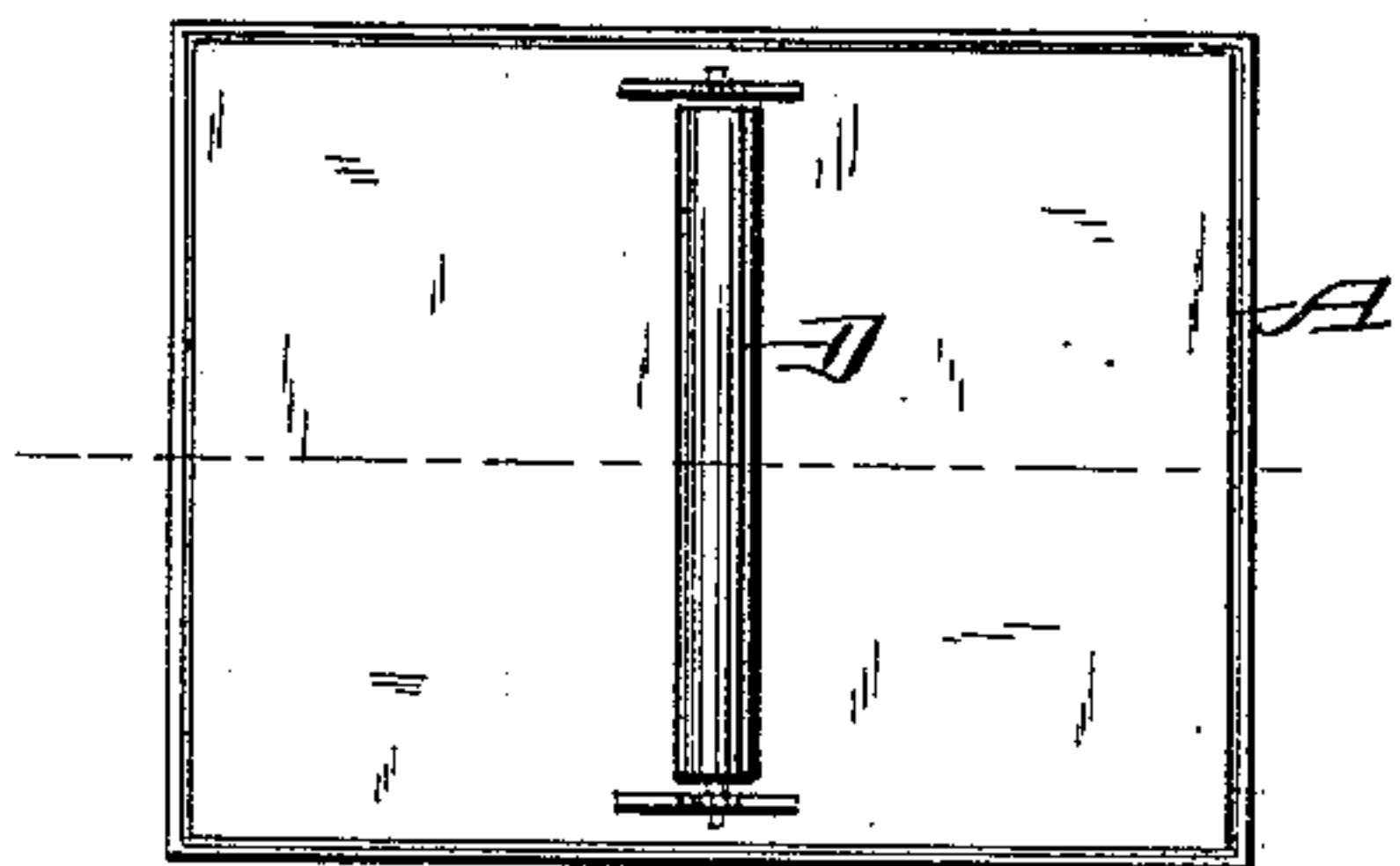


Fig. 3.

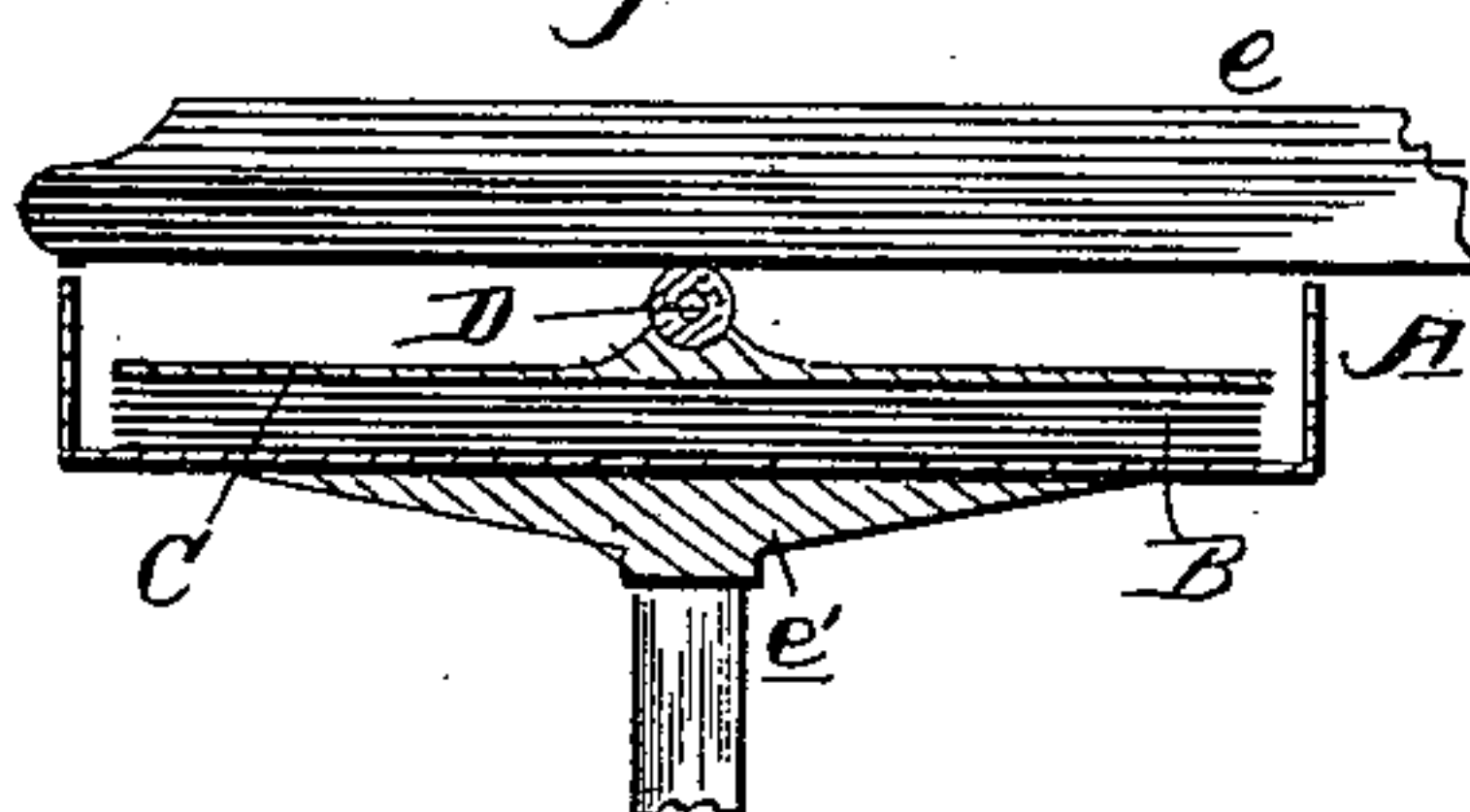


Fig. 4.

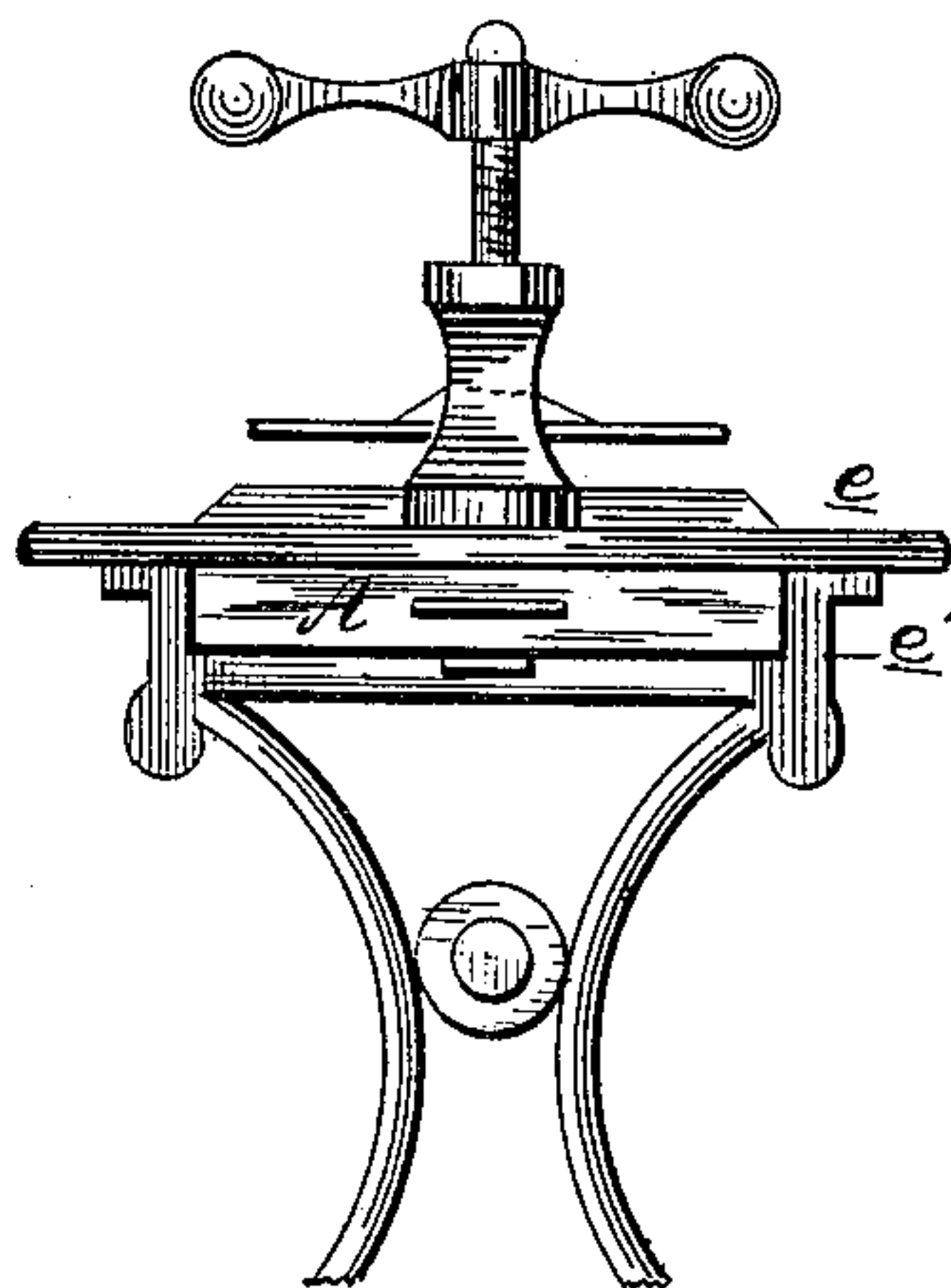


Fig. 5.

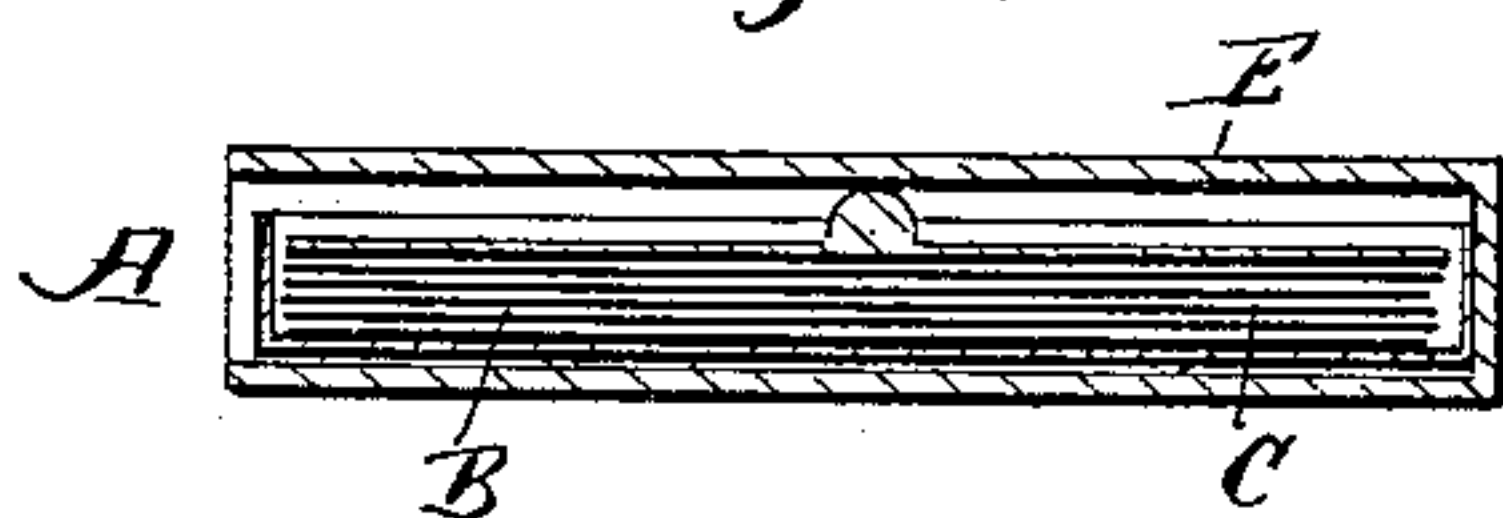


Fig. 6.

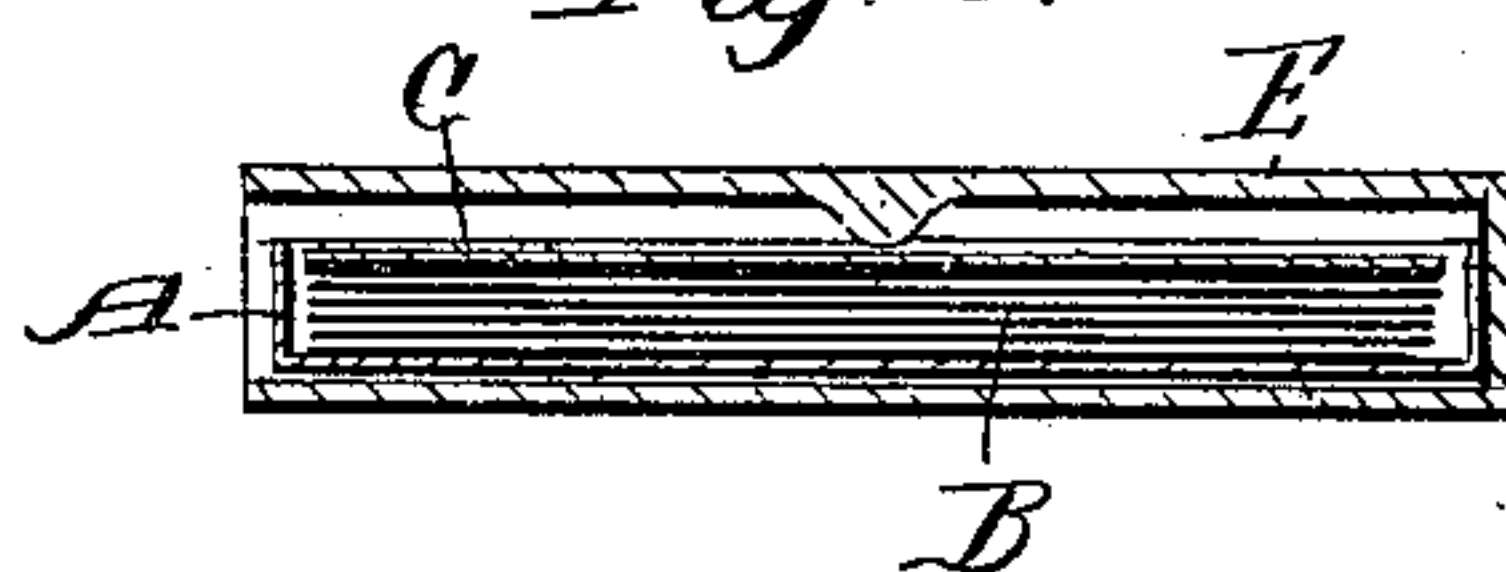


Fig. 7.



WITNESSES

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UNITED STATES PATENT OFFICE.

BENJAMIN B. HILL, OF PHILADELPHIA, PENNSYLVANIA.

BLOTTER-BATH.

SPECIFICATION forming part of Letters Patent No. 335,584, dated February 9, 1886.

Application filed September 7, 1885. Serial No. 176,331. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN B. HILL, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Blotter-Baths, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

10 Figure 1 is a plan view of a blotter-bath constructed according to my improvement. Fig. 2 is a vertical central section of my bath set in a holder; Fig. 3, a vertical section of my bath set in a press-stand. Fig. 4 is an end view of a press-stand and press provided with my blotter-bath. Figs. 5, 6, and 7 are modifications.

This invention relates to that class of blotter-baths shown in my Patent No. 216,738, and is an improvement thereon; and the invention consists in the peculiar combinations and the construction and arrangement of parts, hereinafter more particularly described and claimed.

25 Referring to the details of the accompanying drawings, A represents a bath of any appropriate form or material, but preferably of thin sheet metal, in which is set the pads or sheets of blotting-paper B, and upon the top of which rests the presser C, which may have a roller, D, secured in ears on the top of the presser.

30 E is a holder into which the blotter-bath is intended to slide, which may be in the form of a box closed at top and bottom and opened at one side, as shown in Fig. 2; or it may consist of the top of the press-stand e, and the leg e' thereof, as shown in Figs. 3 and 4, in which case the leg is made of peculiar form, having an opening to receive the bath, and an extension at each end to support the bottom of the same. In either case the roller, as the bath is pushed into the holder, comes in contact with the under side of the top part of the holder, and this forces the presser C down upon the top of the pads and keeps the air from them, thus enabling them to be kept moist for a long period.

In lieu of the roller, the presser may be pro-

vided with a slight knob or projection, as shown in Fig. 5; or the under side of the top part of the holder may be provided with the projection, as shown in Fig. 6. I sometimes propose to use an inclined projection for the roller or projection to press against, as shown in Fig. 7.

In my former patent, above referred to, the part corresponding to my presser was made of cast-iron and sufficiently heavy to keep the pads flat and under a slight pressure. This, however, has been found objectionable, because it was necessary to make the presser very heavy, especially when extra-large pads were required. With my present arrangement this difficulty is overcome, for the presser may be made of sheet metal, as it does not depend on its weight for its pressure on the pads. Moreover, much greater pressure can be exerted on the pads by my present invention than by the old plan, and the air can therefore be kept from them much better.

The combination of a blotter-bath, presser, and holder is shown and described in another application of mine filed herewith and numbered 176,357, but it is not broadly claimed therein.

What I claim as new is—

1. The combination, with the blotter-bath A, of a presser, C, and a holder for keeping the presser in contact with the pads contained in the bath, substantially as described.

2. The combination, with the bath A, of a presser, C, and a holder consisting of the top of the stand, and means, as e', for holding the presser in contact with the under side of the top of the stand, substantially as described.

3. The combination, with a blotter-bath and the presser thereof, of a presser-stand having an opening between the top and the leg to receive the bath, substantially as described.

In testimony whereof I affix my signature, in presence of two witnesses, this 5th day of September, 1885.

BENJAMIN B. HILL.

Witnesses:

WILLIAM S. TOLAND,
T. J. W. ROBERTSON.