

(No Model.)

P. DIAMOND.  
DREDGE BOX FOR SPICES, &c.

No. 254,808.

Patented Mar. 14, 1882.

FIG. 1.

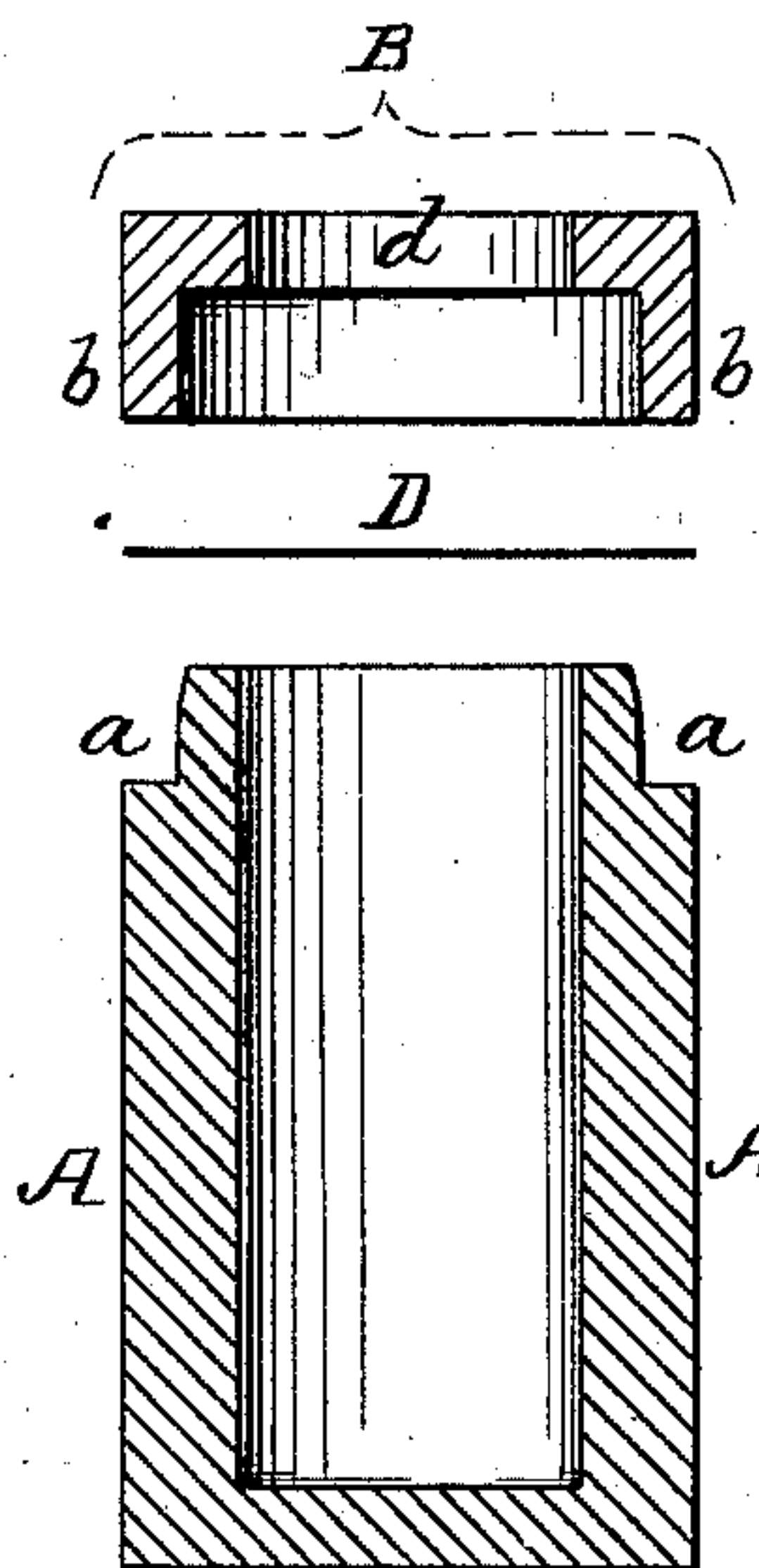


FIG. 2.

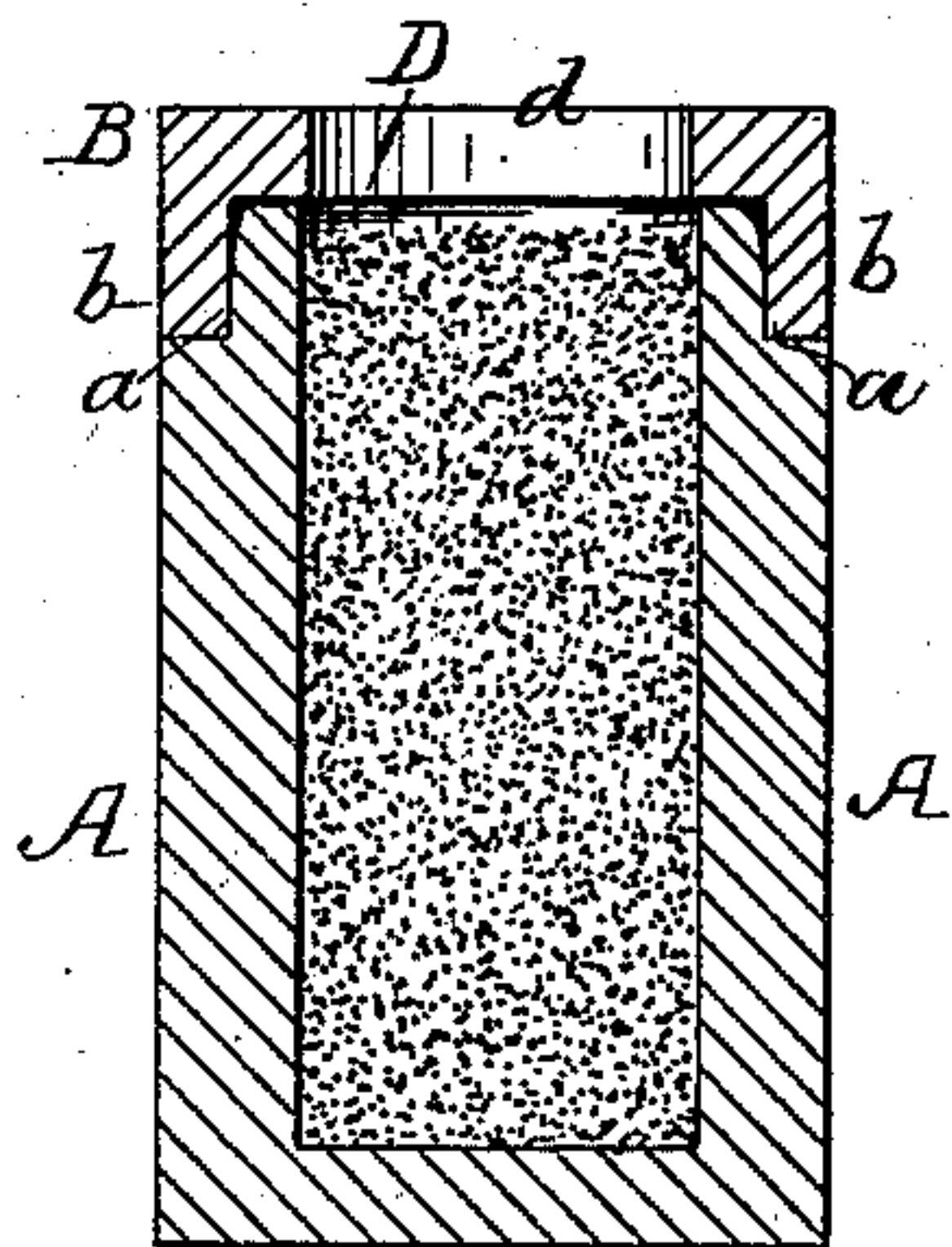
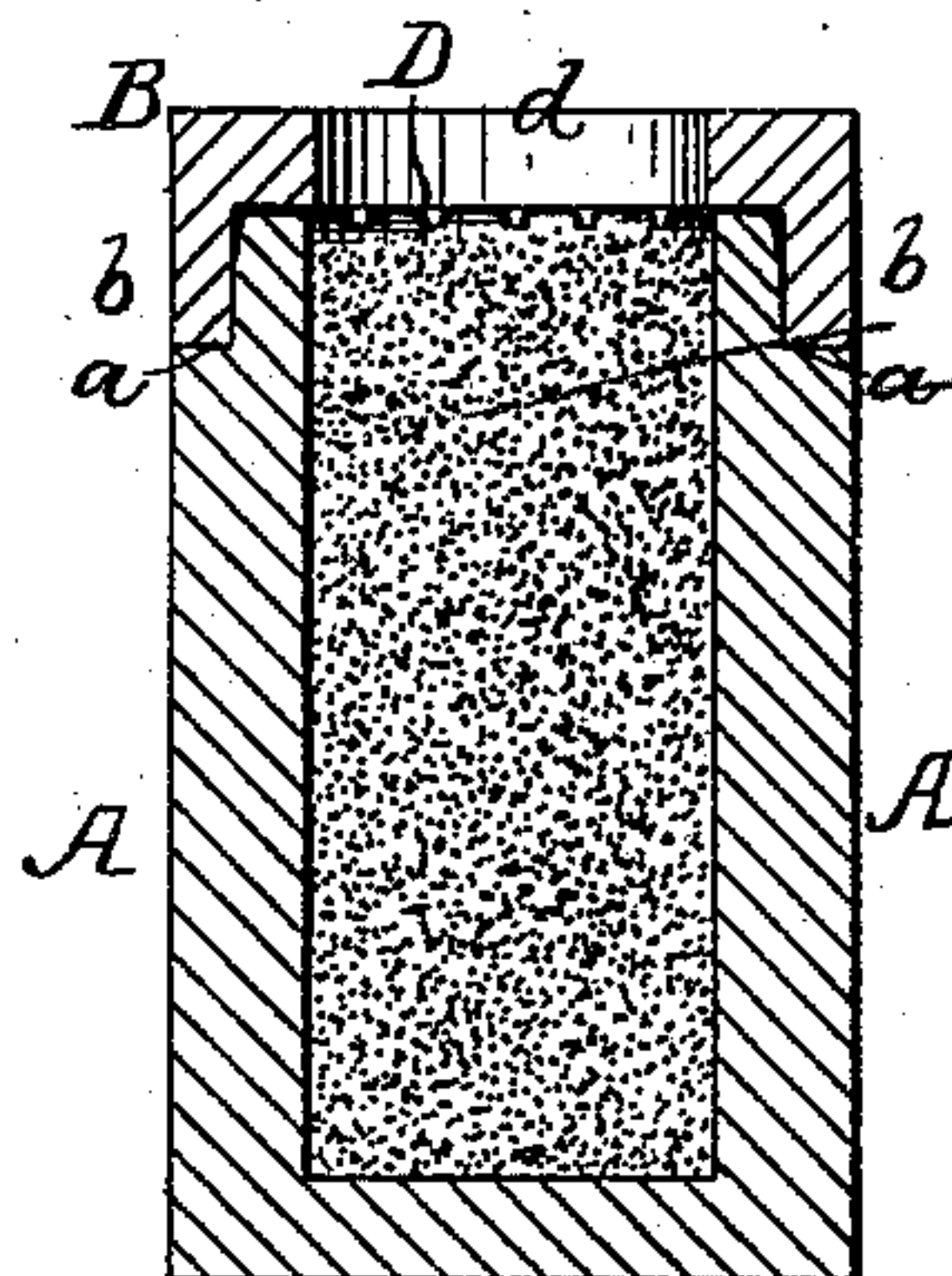


FIG. 3.



Witnesses:  
D. Williams  
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Inventor  
Patrick Diamond  
by his attorneys  
Howson and Jones

# UNITED STATES PATENT OFFICE.

PATRICK DIAMOND, OF PHILADELPHIA, PENNSYLVANIA.

## DREDGE-BOX FOR SPICES, &c.

SPECIFICATION forming part of Letters Patent No. 254,808, dated March 14, 1882.

Application filed July 20, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, PATRICK DIAMOND, a subject of the Queen of Great Britain and Ireland, and a resident of Philadelphia, Pennsylvania, have invented an Improved Dredge-Box for Spices, &c., of which the following is a specification.

My invention relates to an improvement in that class of cheap dredge-boxes for spices, &c., which are given away to the purchasers of their contents, the object of my invention being to make a very inexpensive box of this class, which will effectually protect the contents from loss or injury during transportation or storage, but from which said contents can be readily discharged either in bulk or by sprinkling.

In the accompanying drawings, Figure 1 is a sectional view of the parts of my improved dredge-box detached from each other; Fig. 2, a view of the box when closed, and Fig. 3 a view of the box when adapted to discharge its contents by sprinkling.

A is the body of the box, which is made of a block of wood turned to the proper shape, and having at the top a shoulder, *a*, adapted for the reception of the flange *b* of the lid B, the latter having in the top a central opening, *d*.

D is a sheet of tin-foil or other thin and ductile sheet metal, which, after the filling of the box A, is placed over the mouth of said box prior to the application of the lid B.

It will be observed that the strip of foil D is larger in diameter than the reduced portion of the box A above the shoulder *a*. Hence when the lid B is applied the projecting edge of the strip D is bent down, and is squeezed tightly between said projecting portion of the box and the flange *b* of the lid, a tight joint being thus produced, and the deterioration or injury of the contents of the box by the access of air or moisture thereto being prevented. The lid B also serves to shield the sheet of tin-foil or sheet metal and protect the same from abrasion or wear.

When it is desired to remove the contents

of the box the lid B and sheet D may be taken off and the said contents discharged in bulk; or, if it is desired to sprinkle the contents from the box, the lid B may remain undisturbed, and the sheet of foil or thin metal may be punctured by means of a suitable instrument, as shown in Fig. 3, so that on inverting the box and shaking the same its contents will gradually escape through the perforations thus made.

The box is intended for spices, bluing-powder, or other powdered substances, such as are sold in small quantities at retail, and for which it is desirable to provide an inexpensive box or inclosing-package which can be given away to the purchaser of the contents of said box or package.

Boxes of the character to which my invention relates have heretofore been made with tin tops for confining a strip of paper or foil to the top of the box, tin being used to insure a tight joint. By making the sheet D larger than the reduced top of the box, however, and confining the projecting edge of the sheet between the flange *b* of the lid and the projecting portion of the box above the shoulder *a*, I am enabled to make a tight joint with a wooden lid, the latter being preferable to a tin lid on the score of economy, as it is less expensive both to make and to apply it.

I claim as my invention—

The combination of the box A, having a shoulder, *a*, and a projection above the same, the strip D, of foil or other thin metal, larger in diameter than said projection, and the lid B, having an opening, *d*, and a flange, *b*, between which and the projection of the box the edge of the strip D is bent down and confined, thereby securely retaining the same and forming a tight joint, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PATRICK DIAMOND.

Witnesses:

HARRY DRURY,  
HARRY SMITH.