

(No Model.)

W. P. FARRINGTON.
POWDER BOX.

No. 472,532.

Patented Apr. 12, 1892.

Fig: 1.

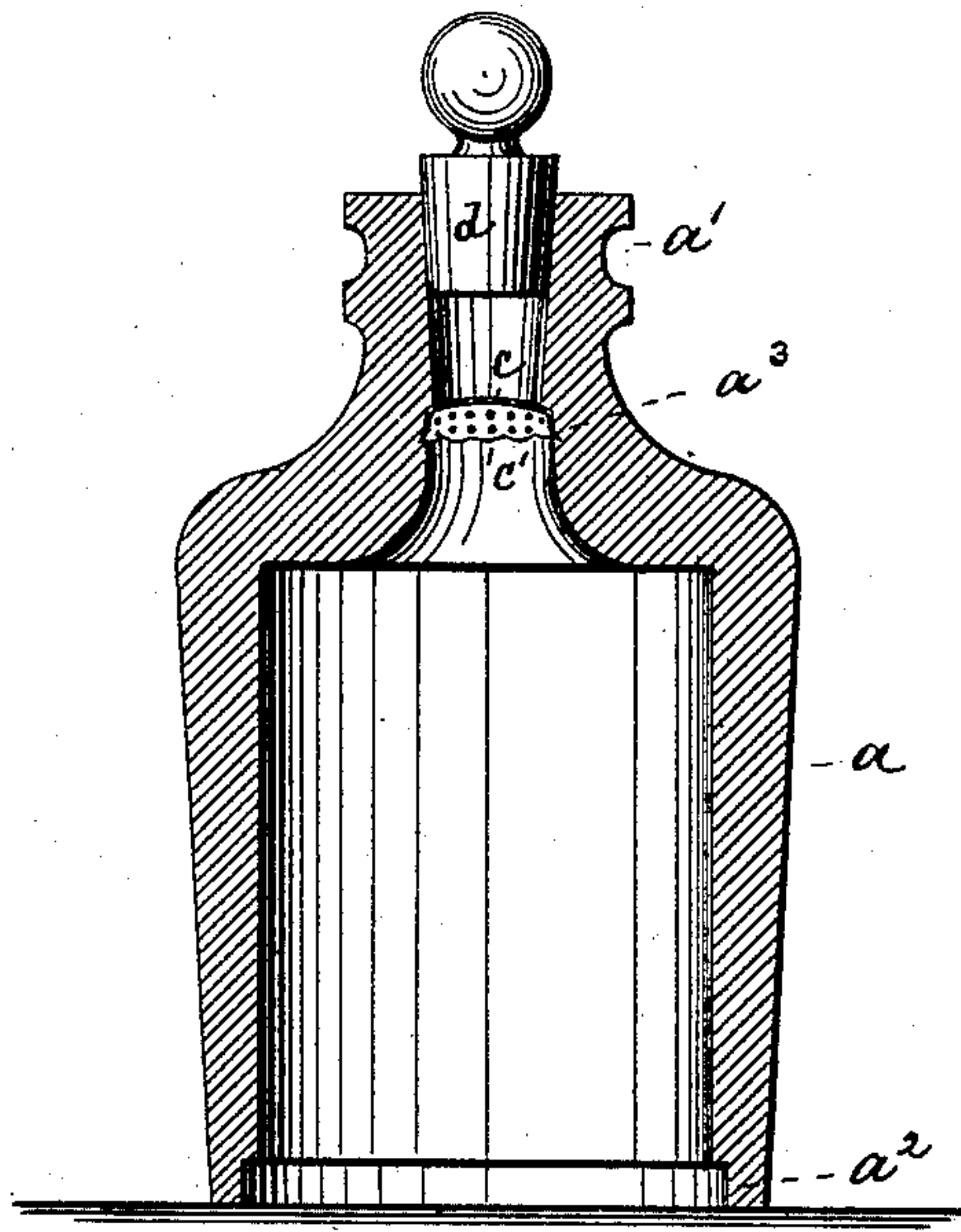


Fig: 2.

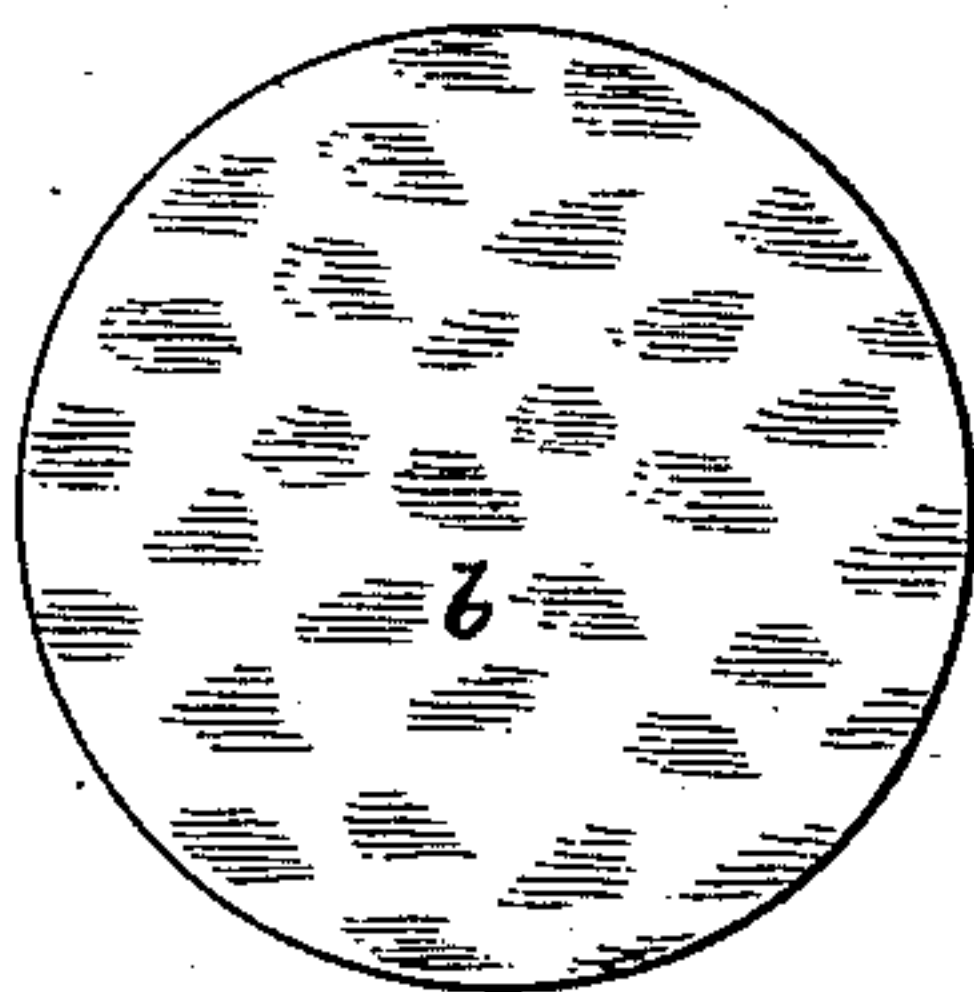
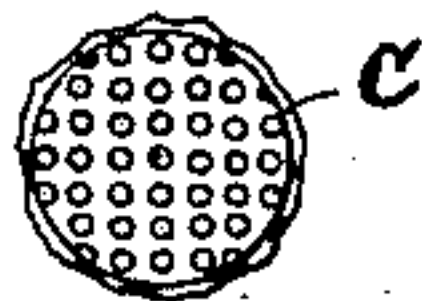


Fig: 3.



Fig: 4.



WITNESSES:

A. Schehl.
Wm. Schuch.

INVENTOR

W. P. Farrington
BY *Roeder & Priesen*

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UNITED STATES PATENT OFFICE.

WILLIAM P. FARRINGTON, OF NEW YORK, N. Y.

POWDER-BOX.

SPECIFICATION forming part of Letters Patent No. 472,532, dated April 12, 1892.

Application filed August 19, 1891. Serial No. 403,089. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM P. FARRINGTON, of New York city, New York, have invented an Improved Powder-Box, of which the following is a specification.

This invention relates to a powder-box of novel construction which permits the ready introduction of the powder into the box and which discharges it through a strainer fixed within the neck.

The invention consists in the various features of improvement more fully pointed out in the claim.

In the accompanying drawings, Figure 1 is a vertical section of my improved powder-box; Fig. 2, a plan of the bottom *b*; Fig. 3, an end view thereof, and Fig. 4 a plan of the strainer *c*.

The letter *a* represents a box made of suitable material and having the contracted neck *a'*. At the bottom the box *a* is provided with an offset *a²* for the reception of the bottom *b*. This bottom is a detached disk, which is only secured in place after the box has been charged. The neck *a'* has a tapering bore which contracts toward the bottom. Within the lower part of the neck there is placed a strainer *c*. This strainer consists of a disk of perforated sheet metal having a downwardly-turned

flange *c'*, as shown. This flange engages an offset *a³* within the neck *a'*, which prevents it from slipping down, while displacement in an upward direction is prevented by the flaring shape of the bore. As the lower edge of the disk intercepts a number of the perforations, and is consequently ragged, it will bite and firmly set into the wood. The strainer *c* should be placed so far down the neck that above it there is room for the usual stopper *d*. The strainer is secured in place through the open bottom of the box and is pushed into the neck in suitable manner.

To charge the box, the stopper is put into the neck and the box is turned upside down, when it may be readily filled through the open bottom. After being thus filled the bottom is glued into its seat *a²* and the box is ready for use.

What I claim is—

The combination of a box which is open at the bottom and has a neck *a'*, that is flaring on top, with a flanged strainer inclosed by the neck beneath the flaring section, substantially as specified.

WILLIAM P. FARRINGTON.

Witnesses:

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