

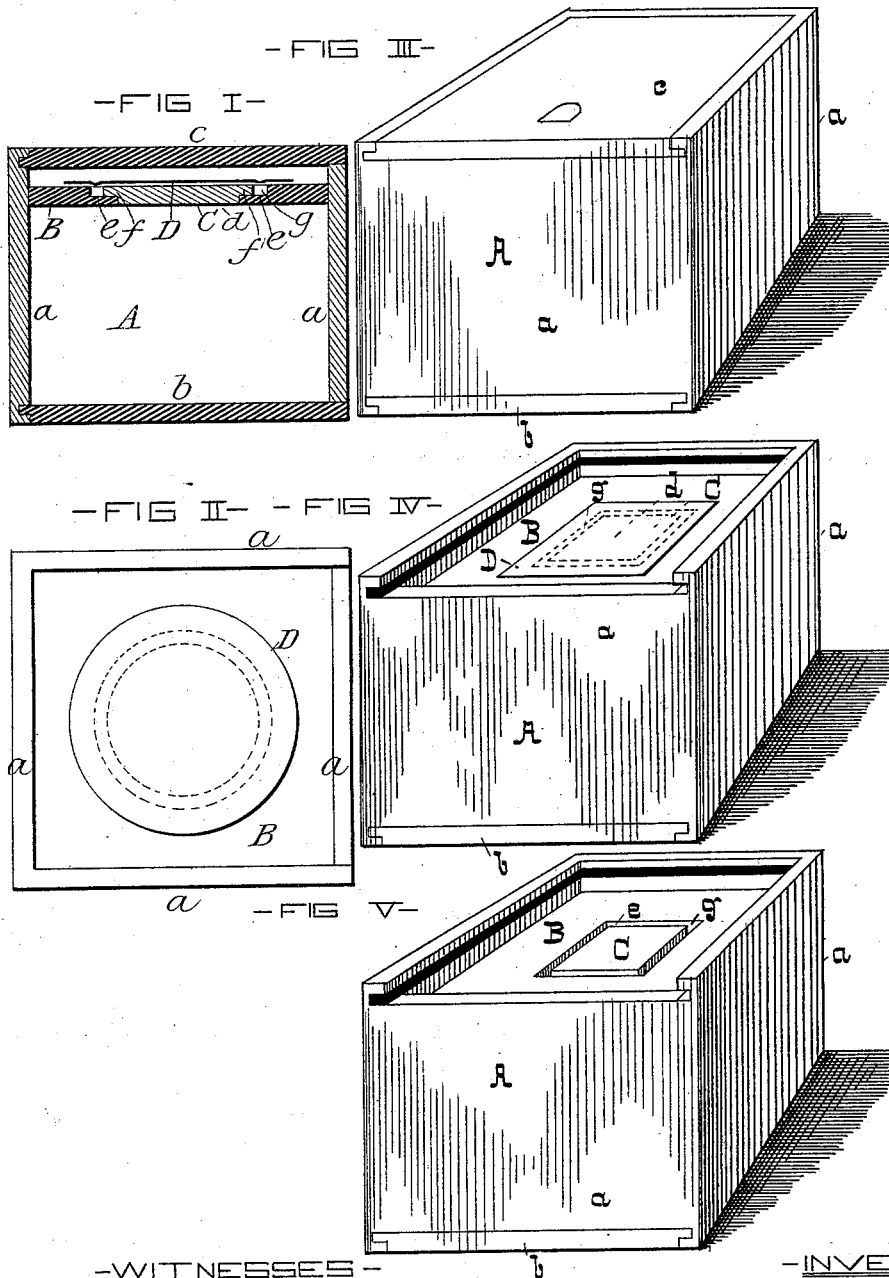
(No Model.)

W. R. MILLER.

BOX FOR HOLDING DRY POWDERS.

No. 303,582.

Patented Aug. 12, 1884.



-WITNESSES-

Dani Fisher
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UNITED STATES PATENT OFFICE.

WILLIAM R. MILLER, OF BALTIMORE, MARYLAND.

BOX FOR HOLDING DRY POWDERS.

SPECIFICATION forming part of Letters Patent No. 303,582, dated August 12, 1884.

Application filed June 24, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. MILLER, of the city of Baltimore and State of Maryland, have invented certain Improvements in Boxes for Holding Dry Powdered Substances, of which the following is a specification.

In an application for Letters Patent for improvements in boxes for holding dry powdered substances filed June 16, 1884, I have described and claimed a box with an ordinary removable lid and a supplemental fixed lid underneath the removable one, having a perforation which is covered with a seal of paper or other similar substance.

The object of the invention above briefly described is the construction of a closed package, which, upon being opened by the removal of the ordinary lid, is still practically closed; but in such condition that its contents are easily and readily accessible after the destruction of the paper seal. A box constructed as described, owing to the limited size of the opening through which the materials are removed, offers greater security against the scattering of the contents when the open package is roughly handled than where the whole surface of the contents is exposed. In the said application the opening in the fixed lid is covered only by the paper seal, and the materials consequently come in contact with the under side of the said seal when the box is turned over or shaken, and the seal is therefore liable to be broken.

In the present invention I form an annular rabbet around the hole in the fixed lid and insert in the said hole a flanged cover, which entirely closes the opening proper, but which is of such exterior size as to leave a groove or channel around the flange. The seal is then pasted over the cover and the annular groove around the same; and to break the seal to admit of the removal of the contents of the box it is only necessary to insert an instrument through the seal into the annular groove and move it the entire circumferential length of the groove.

In the drawings forming a part hereof, Figure I is a vertical section of the improved box. Fig. II is a plan of the same with the lid removed. Fig. III is a perspective view of the closed box. Fig. IV is a similar view with the removable lid, and Fig. V is a view of the open box without the seal, but the cover in place.

A is the box, formed of the sides *a*, bottom *b*, and lid *c*, which lid is removable. The bottom *b* is also removable to admit of the box being lined with paper; but it is eventually fastened and made a permanent and fixed portion of the box.

B is the fixed lid, having the central opening, *d*, and the rabbet *e*.

C is the central cover, having the flange *f*, which does not fill the rabbet *e*, but leaves the annular groove or channel *g*. The paper seal is denoted by D, and it is pasted over the fixed lid, as shown in the drawings. The position of the annular groove *g* can be ascertained by passing the finger over the surface of the seal.

I claim as my invention—

1. In a box for the purpose described, a removable lid combined with a fixed lid underneath the removable one, having an aperture therein, a cover to fit within the said aperture, and a seal pasted over the said cover, substantially as specified.

2. In a box for the purpose described, a removable lid combined with a fixed lid underneath the removable one, having an aperture therein and a rabbet around the said aperture, and a flanged cover to fit closely within the said aperture, with the said flange smaller in diameter than the rabbet in which it rests, whereby an annular channel or groove is formed, substantially as and for the purpose specified.

WM. R. MILLER.

Witnesses:

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CHAS. B. CASSADY.