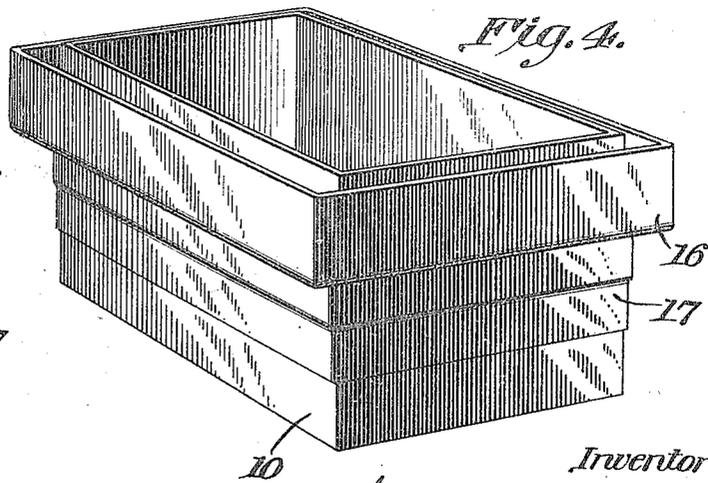
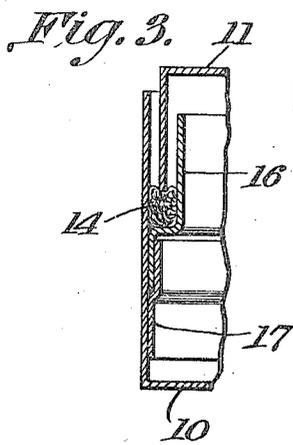
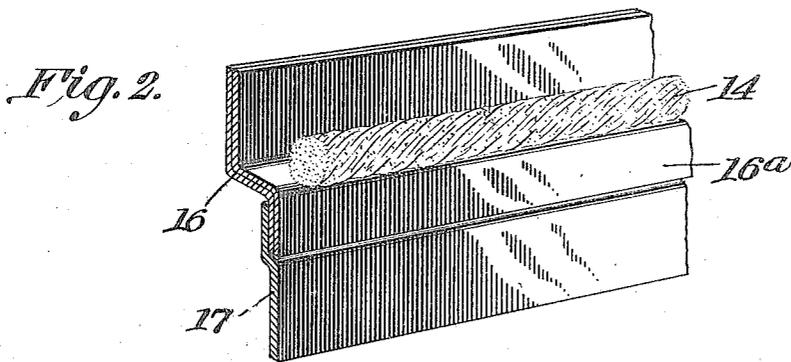
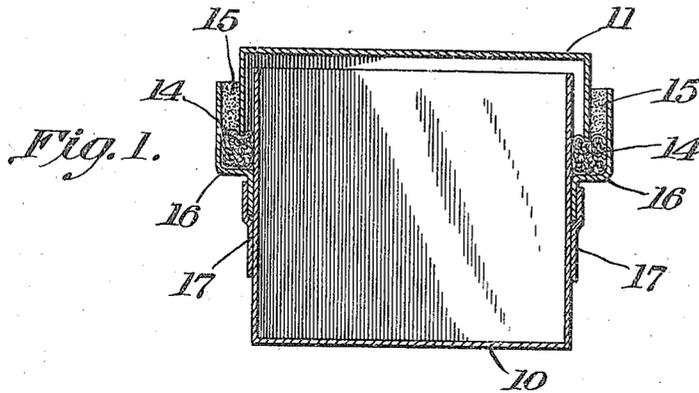


H. E. WILLSIE.
BOX CLOSURE.
APPLICATION FILED OCT. 17, 1912.

1,264,735.

Patented Apr. 30, 1918.



Inventor
H. E. Willsie

UNITED STATES PATENT OFFICE.

HENRY E. WILLSIE, OF CRANFORD, NEW JERSEY.

BOX-CLOSURE.

1,264,735.

Specification of Letters Patent. Patented Apr. 30, 1918.

Application filed October 17, 1912. Serial No. 726,287.

To all whom it may concern:

Be it known that I, HENRY E. WILLSIE, a citizen of the United States, and a resident of Cranford, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Box-Closures, of which the following is a specification.

My invention relates to improvements in box closures adapted to exclude insects from the contents of the box; and the object of my invention is to provide a moth seal to a box which permits the cover to be removed and put on again in the usual way without destroying the moth seal, and which will protect the contents of the box from moths and insects without imparting an objectionable odor to such contents.

I attain these objects by the devices shown in the accompanying drawing, in which—

Figure 1, is a vertical cross section through a container, cover, and moth seal; Fig. 2, is a perspective view of a moth seal forming strip; and Fig. 3 shows an arrangement of the moth seal strip attached to a box; and Fig. 4 is a perspective view of the box with the moth seal attached.

Similar characters refer to similar parts throughout the several views.

In Fig. 1, the container 10 has secured to its four sides the moth seal consisting of the strip 16, molded into the shape shown. If made of pasteboard this shape will be better retained if built up of two or more layers of paper, glued together, and molded before the glue has set. Lightly glued to the offset, or shoulder, of the strip 16, is the chemically treated cotton roll 14. The surface marked 16^a, is coated with an adhesive, which with the adhesive coated paper 17 serves to secure the seal forming strip to the container sides. This strip may be attached to any ordinary box converting it into a moth seal box, when its cover 11, is put in place so as to rest upon the cotton roll 14.

Either before, or after, attaching this cotton to the strip, it should be treated with some insecticide, and moth repellent, as kerosene, oil of cloves, naphthalene, turpentine, camphor, nicotin. The chemical hav-

ing the least objectionable odor is usually preferred.

The household moths that do injury to woolen clothing, and to furs, are prevented by the chemically treated cotton seal, from entering the box, and if their larvæ attempted to enter the box by eating through the cotton, the larvæ would be poisoned by the insecticides mixed with, and saturating the cotton. As an additional precaution though usually an unnecessary one, the spaces between the cover 11 and the seal, may be filled with a powdered insecticide, 15, as pepper, tobacco, sulfur.

It is apparent that the moth seal may be inverted, by attaching the seal strip to the cover instead of to the container.

Having now described my invention, what I claim and desire to secure by Letters Patent is—

1. In a box consisting of a container and its cover, the combination of a molding for forming a continuous channel inside the rim of one of said parts, said channel being adapted to receive the rim of the other part, a roll of moth repellent fiber within said channel, an adhesive tape securing said molding to said box part, and cement for securing the fiber seal to said molding.

2. In a box consisting of a container and its cover, the combination of a molding, a recess in said molding adapted to form a channel between the molding and the box rim to which it is attached, a moth repellent fiber seal within said recess, and an adhesive tape partly attached to said molding and adapted to secure said molding to said box.

3. A paper molding, an offset formed in said molding, a moth repellent fiber roll attached to the molding within the offset, and an adhesive tape partly attached to said molding.

Signed at Cranford in the county of Union and State of New Jersey this 12th day of October A. D. 1912.

HENRY E. WILLSIE.

Witnesses:

M. E. CHESTER,
HONORÉ WILLSIE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."