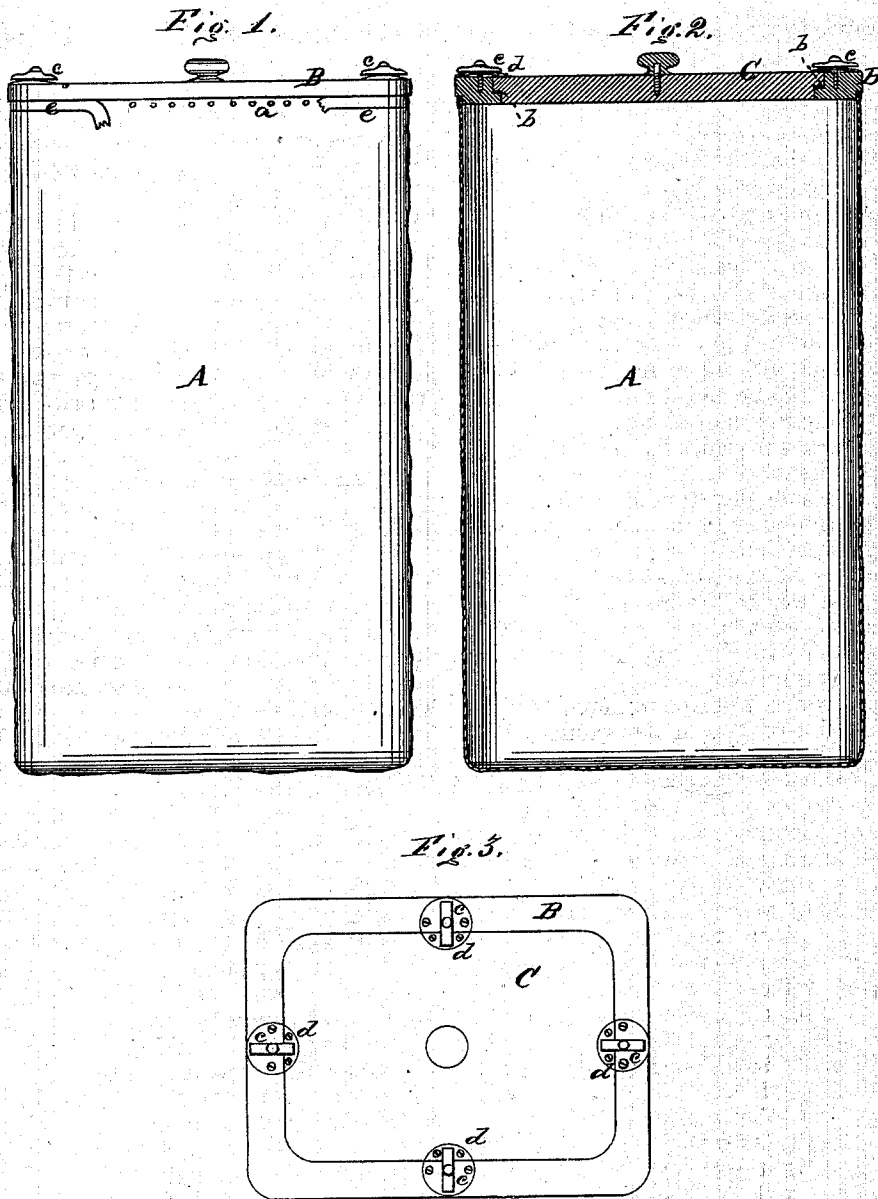


R. H. MILLER.
Fur-Safes.

No. 146,139.

Patented Jan. 6, 1874.



Witnesses
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UNITED STATES PATENT OFFICE.

RICHARD H. MILLER, OF NEW YORK, N. Y.

IMPROVEMENT IN FUR-SAFES.

Specification forming part of Letters Patent No. **146,139**, dated January 6, 1874; application filed December 15, 1873.

To all whom it may concern:

Be it known that I, RICHARD H. MILLER, of the city, county, and State of New York, have invented an Improved Fur-Safe, of which the following is a specification:

This invention is designed to protect furs during the summer months, and when out of use, from the depredations of moths; and consists in the combination, with a moth-tight bag, of a frame and door or cover which, when closed, shall be moth-tight, and which may be conveniently opened for the introduction of the furs, substantially as hereinafter more fully set forth.

Figure 1 is a side elevation of my improved fur-safe, a portion of the tape placed upon the joint being represented as broken away to show the heads of the tacks which are used in securing the bag to the frame. Fig. 2 is a central vertical section of my improved fur-safe on a plane parallel to Fig. 1. Fig. 3 is a top view of my improved fur-safe.

A is a bag, which I prefer to make of linen coated with india-rubber, in the ordinary way in which textile fabrics are usually coated with india-rubber for overcoats and similar articles. I prefer that the cloth shall be linen, for the reason that moths seem to have an antipathy for that material. To obtain the greatest possible security, I also prefer that this linen bag shall be woven without seam when practicable. A linen bag not coated with india-rubber may, perhaps, answer the purpose if woven sufficiently closely, and especially if it is not only woven closely, but is also woven without seam, but I prefer the mode of making it first described as the best. B is a frame, which may be made of well-seasoned wood, or of any other suitable material. It has been suggested to me that this frame may be advantageously made of papier-maché prepared with linseed-oil and vulcanized, or, in other words, subjected to heat in the manner commonly practiced in the manufacture of hollow-ware from this material. I secure the mouth of the bag A to the frame B in such a manner as to prevent the moths from entering between them, and secure sufficient strength to prevent rupture. The mode of securing these parts together which I pre-

fer is to cement the mouth of the bag to the frame with a cement made of caoutchouc and shellac, and then further secure it by small tacks, *a*, as shown in Fig. 1. The heads of the tacks may be covered by cementing a piece of gimp, or braid, or tape, *e*, over them with the same kind of cement, in the manner shown in Fig. 1. C is a door or cover, which may be also made of seasoned wood, or of any other suitable material, and perhaps papier-maché will be found to answer best; and this door or cover is made to fit closely upon or into the frame B. To insure a perfect joint, I prefer to interpose between this door or cover C and the frame B a vulcanized india-rubber ring or gasket, as shown at *b* in Fig. 2. *c c* are buttons attached or hung to the frame B, and designed to button over the plates or washers *d d* upon the door or cover C. To give greater certainty of a perfectly-tight joint between the frame B and the door or cover, and to compensate for any shrinkage or expansion when wood or similar material is used for the door or cover or for the frame, I prefer to interpose pieces of india-rubber between the washers *d* and the said cover.

It is obvious that the fur-safe above described may be constructed in various forms to suit the convenience of the users, and of any size that may be desired for containing and preserving the various articles of fur goods worn or kept by the user. For the convenience of hanging up some articles of this kind—such, for example, as collars, capes, or overcoats—hooks may be attached to the under side of the frame B inside of the bag. Staples or rings and cords may also be attached to the upper side of the said frame for hanging up this fur-safe in a closet or elsewhere, should it be considered desirable.

I claim as my invention—

The fur-safe hereinbefore described, consisting of the bag A, frame B, and door or cover C, combined and constructed substantially as hereinbefore described, for the purpose set forth.

RICHARD H. MILLER.

Witnesses:

THOS. P. HOW,
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