

H. ARNOLD.
Tobacco-Box.

No. 214,867.

Patented April 29, 1879.

Fig. 1.

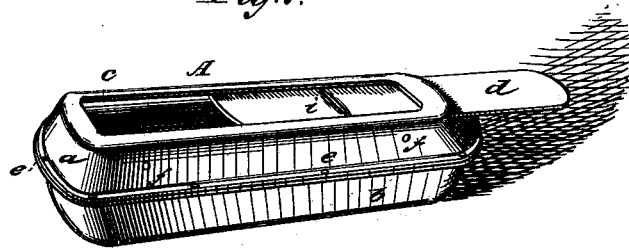


Fig. 2.

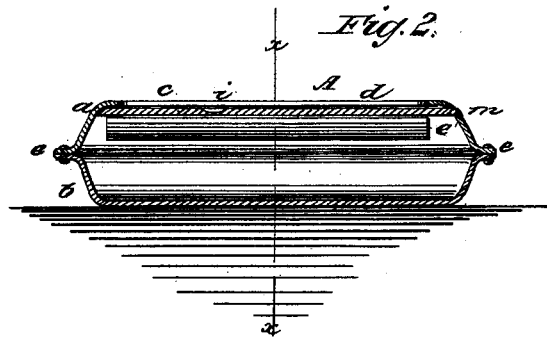
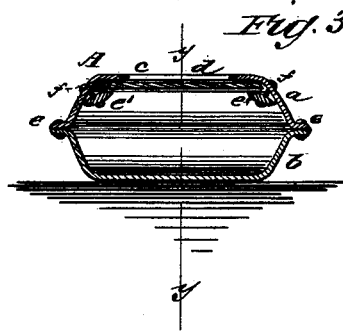


Fig. 3.



WITNESSES:

Francis McArdle,
C. Sedgwick

INVENTOR:

H. Arnold
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

HERMANN ARNOLD, OF ELIZABETH, NEW JERSEY.

IMPROVEMENT IN TOBACCO-BOXES.

Specification forming part of Letters Patent No. **214,867**, dated April 29, 1879; application filed September 12, 1878.

To all whom it may concern:

Be it known that I, HERMANN ARNOLD, of Elizabeth, in the county of Union and State of New Jersey, have invented a new and Improved Tobacco-Box, of which the following is a specification.

The object of my invention is to furnish a cheap, handsome, and durable box for holding tobacco to carry in the pocket.

Hitherto such boxes have been made from metal and from horn, with the covers hinged to the box. The hinged covers become loose and are wrenched off when the boxes are packed too full, especially the horn boxes. The boxes made from horn are worked out of the solid horn, and they are expensive, because the best part of the horn must be used, and considerable hand-labor is required in their manufacture, especially when made in ornamental shapes.

In the accompanying drawings, Figure 1 is a perspective view of my improved tobacco-box. Fig. 2 is a section lengthwise of the box at line *y y*; and Fig. 3 is a cross-section at line *x x*.

Similar letters of reference indicate corresponding parts.

In the form shown the box *A* is made of two pieces—a top piece, *a*, and bottom piece, *b*—of similar size and shape, and the top portion, *a*, has an orifice, *c*, cut in it, and is provided with a cover, *d*.

In making the box the horn is treated in the usual manner—that is to say, it is steamed, and boiled in oil—and planed down to the desired thickness. The flat pieces are then cut out to the proper shape, and while soft pressed up in dies to form half of the box. The pieces are then connected by rivets, as seen at *e*, which rivets pass through narrow flanges that are formed at the edges. The pieces of horn are to be cut out in such a manner that the grain will run in the direction of the shortest

diameter of the box, whereby the greatest amount of strength is obtained.

By making the box of horn, as described, I am enabled to use pieces and parts of the horn such as are not adapted for other purposes, yet are as handsome in appearance as the more expensive parts. The horn may be picked out, so as to give a variety in the appearance of the box, such as cannot be obtained in a box cut out from the solid horn.

A band of metal might be applied to the flanges, to connect the two parts of the box. The shape of the box may be more or less ornamental, and the manner of making the box described permits of a wide range of shape.

The cover *d* slides through an opening or slit, *m*, cut across one end of the box, and is held in place by strips *e' e'*, attached to the box by rivets *f* beneath the sides of the opening *c*. This cover is not likely to slip out of place, and will not get loose and broken, as hinged covers do. I provide a notch, *i*, which is to be used in starting the cover out.

The described manner of fitting a cover to a tobacco-box may be used in connection with boxes of any molded material, such as rubber or celluloid, and I do not limit myself in that respect.

I am aware that it is not new to make a box in flanged sections and hinged cover; also, that sliding covers are not broadly new; but

What I claim as of my invention is—

A horn tobacco-box, consisting of two similar sections, *a b*, connected by flanges and rivets, the top, *a*, having orifice *c* and cover *d*, the latter of which slides in a slit, *m*, and is supported on riveted ways *e' e'*, as shown and described.

HERMANN ARNOLD.

Witnesses:

C. SEDGWICK,
GEO. D. WALKER.