

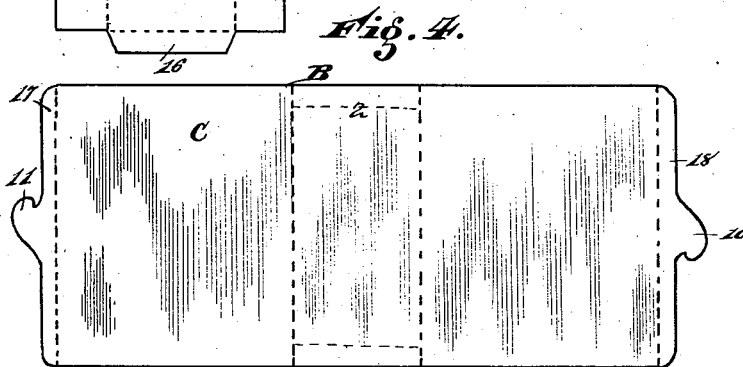
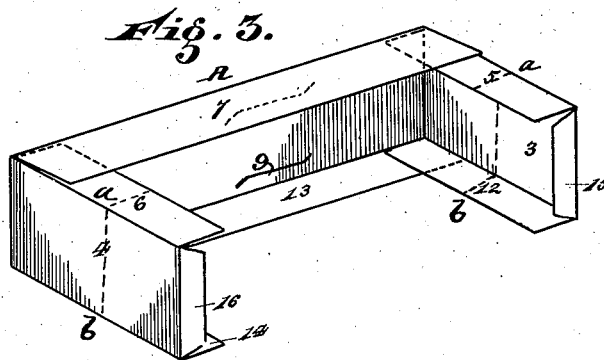
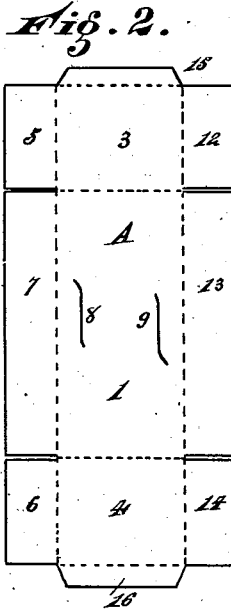
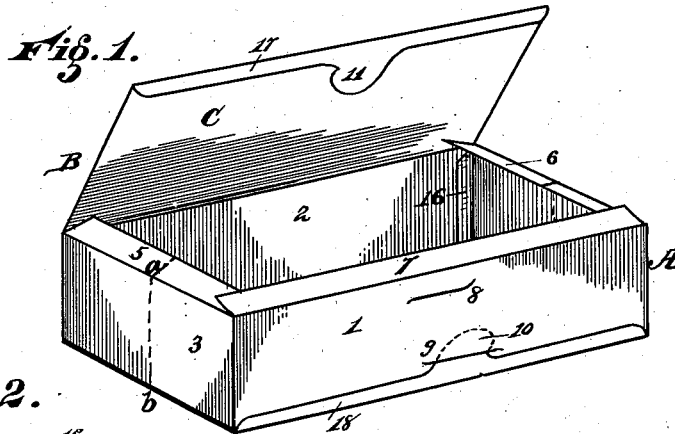
(Model.)

T. F. W. SCHMIDT.

PAPER BOX.

No. 347,646.

Patented Aug. 17, 1886.



Attest

J. Watson Jones
Johnston & Co. Printers

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UNITED STATES PATENT OFFICE.

THEODORE F. W. SCHMIDT, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO
H. H. LANBACK, OF SAME PLACE.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 347,646, dated August 17, 1886.

Application filed April 22, 1886. Serial No. 199,840. (Model.)

To all whom it may concern:

Be it known that I, THEODORE F. W. SCHMIDT, a resident of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Paper Boxes, of which the following is a specification.

My invention relates to paper boxes which are made from blanks cut in any desired shape, folded, and put together.

One of the objects of my invention is to provide a box made from blanks and having at its edges and over the joints between the body, the cover, and the bottom a lining made of detachable flaps, so that the box can be folded down for shipping or packing and readily folded in shape.

Another object of my invention is to provide a top and bottom cover which enables the box to be folded down for shipping or packing, and yet forms a tight joint, all of which will be set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the box, showing the lid raised. Fig. 2 is a plan view of the blank from which the body of the box is formed. Fig. 3 is a perspective view of the blank shown in Fig. 2 folded in the form to receive the top and bottom cover-piece. Fig. 4 represents a blank for the cover.

1 represents the front edge of the box; 2, the rear side; 3, the left-hand end; 4, the right-hand end of the box. It is made from the blank A. (Shown in Fig. 2.)

5 6 7 represent the lining-flaps at the top of the box.

8 9 represent slits in the front side of the box, into which tongues 10 11 are inserted for fastening the parts together.

12 13 14 represent lining-flaps for the bottom of the box, corresponding in shape and position with the flaps 5 6 7 at the top.

15 16 represent flaps or doubled-over pieces for uniting blank A (shown in Fig. 2) to blank B. (Shown in Fig. 4.) They are pasted to

the said parts, as shown in dotted lines 15 16 in said figures.

C represents the top cover or lid of the box, and is provided with a tongue, 11, on the doubled-over piece 17, which passes down the front side of the box and into the slit 8.

18 represents a corresponding flap, provided with a tongue, 10, which passes around the bottom edge of the box and into the slit 9.

The lining-flaps 5 6 7 12 13 14 perform two important functions: first, they pack the joints and prevent the entrance of dust around the covers; second, they form stiffening or strengthening pieces, so that I obtain a much stronger packing-box than where these lining-flaps are not employed.

The box is readily and quickly made of two blanks, the flaps 15 16 being pasted onto the back edge of the box.

For shipping or packing, the box may be bent across the ends 3 4 at the lines marked *a b*, so as to fold the box down flat.

I claim—

1. A paper box formed of two blanks, A B, the blank A forming the ends and front side of the box, and flap B forming the rear side and the top and bottom covers, the blanks being fastened together by tongues and slits formed in them, substantially as specified.

2. A paper box composed of the two blanks A B, the latter having the lining-flaps 5 6 7 12 13 14, folded and bent to protect the edges of the box, and the former bent to form the rear side and top and bottom cover, and united together by the flaps 15 16, substantially as specified.

3. A knockdown paper box composed of the blanks A B, folded, bent, and united together, the blank B being provided with a shipping-fold, *a b*, substantially as specified.

In testimony whereof I have hereunto set my hand.

THEODORE F. W. SCHMIDT.

Witnesses:

JOHN W. BRYCE,
SUMNER T. SMITH.