

(No Model.)

T. F. W. SCHMIDT.
PAPER BOX.

No. 490,167.

Patented Jan. 17, 1893.

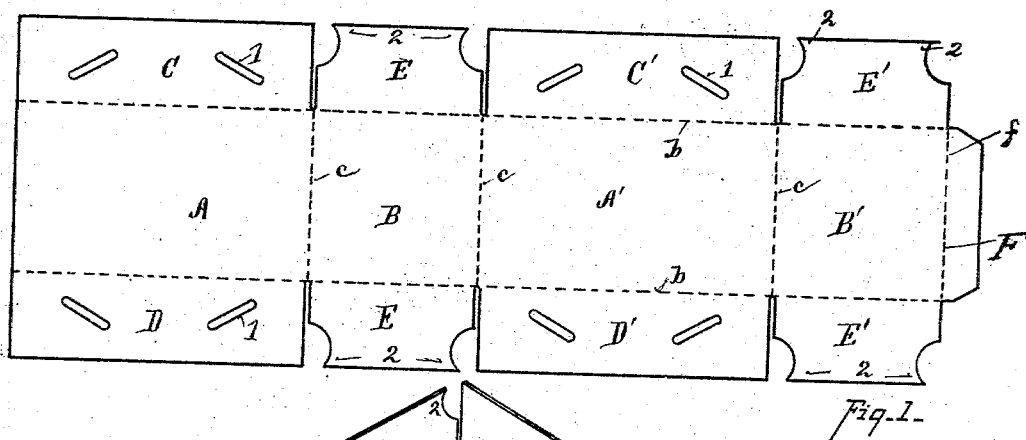


Fig. 2-

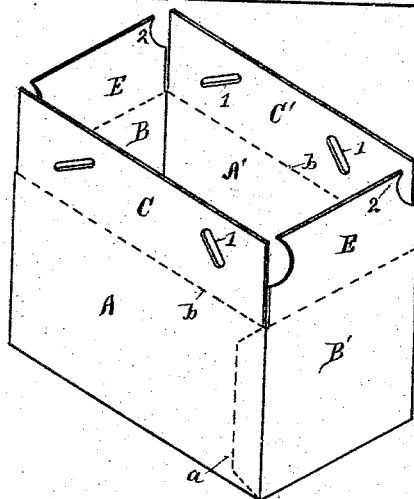
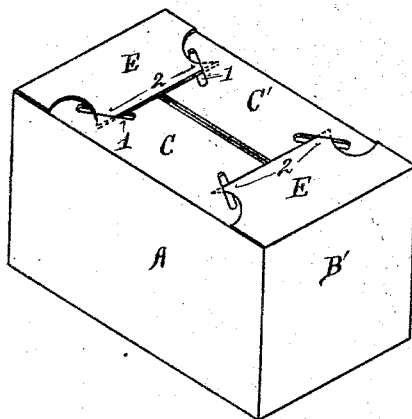


Fig. 3 -



Attest-
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UNITED STATES PATENT OFFICE.

THEODORE F. W. SCHMIDT, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO
THE DAYTON PAPER NOVELTY COMPANY, OF SAME PLACE.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 490,167, dated January 17, 1893.

Application filed September 8, 1892. Serial No. 445,349. (No model.)

To all whom it may concern:

Be it known that I, THEODORE F. W. SCHMIDT, a citizen of the United States, residing at 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.

The object of my invention is to provide a strong, cheap knock down box.

The various features of my invention are fully set forth in the description of the accompanying drawings making a part of this specification, in which—

Figure 1 is a plan view of the blank from which the entire box is made. Fig. 2 is a perspective view of the box folded so as to have the top open. Fig. 3 is a perspective view of the closed box.

The box is made from one blank. A A' represent the portion of the blank from which the sides of the box are formed. B B' the ends; C C' the folded portion which forms a portion of the top, and D D' the folds which form a portion of the bottom. E E' represent the lock flaps which form the outer portions of bottom and top of the box, respectively. F represents a flap which is glued to the opposite end of the box as shown by dotted lines *a*.

The blank is formed as follows: *b, b*, represent scored lines on which the folds C, D, E,

C' D' and E', are respectively bent; *c* represents scored lines on which the folds B are bent on the sides A A'; *f* represents a scored line on which the lap flap F is bent. 1 represents slots or slits formed in the top and bottom sections. 2 represents projections formed on the folded laps E which engage into the slots or slits 1, as shown in Fig. 3; these projections hold the folded portions D D' from being bent inward, and the folds E hold them from being bent outward. Thus, I am enabled to make a cheap and strong box of heavy paper, from a single blank, forming at once the entire box; it can be shipped knock down and readily put together and taken apart.

Having described my invention what I claim is—

A knock-down box made from a blank consisting of the longitudinal center sections A, B, A' B' formed respectively at their opposite edges with the folding sections C, D, E, C', D' and E', said sections C, D and C', D' having slots 1, and the sections E, E' having corner projections 2, substantially as and for the purpose described.

In testimony whereof I have hereunto set my hand.

THEO. F. W. SCHMIDT.

Witnesses:

R. P. SEBOLD,
J. H. BAGGOTT.