

No. 679,917.

Patented Aug. 6, 1901.

T. SCHMIDT.
PAPER BOX.

(Application filed Dec. 3, 1900.)

(No Model.)

Fig. 1

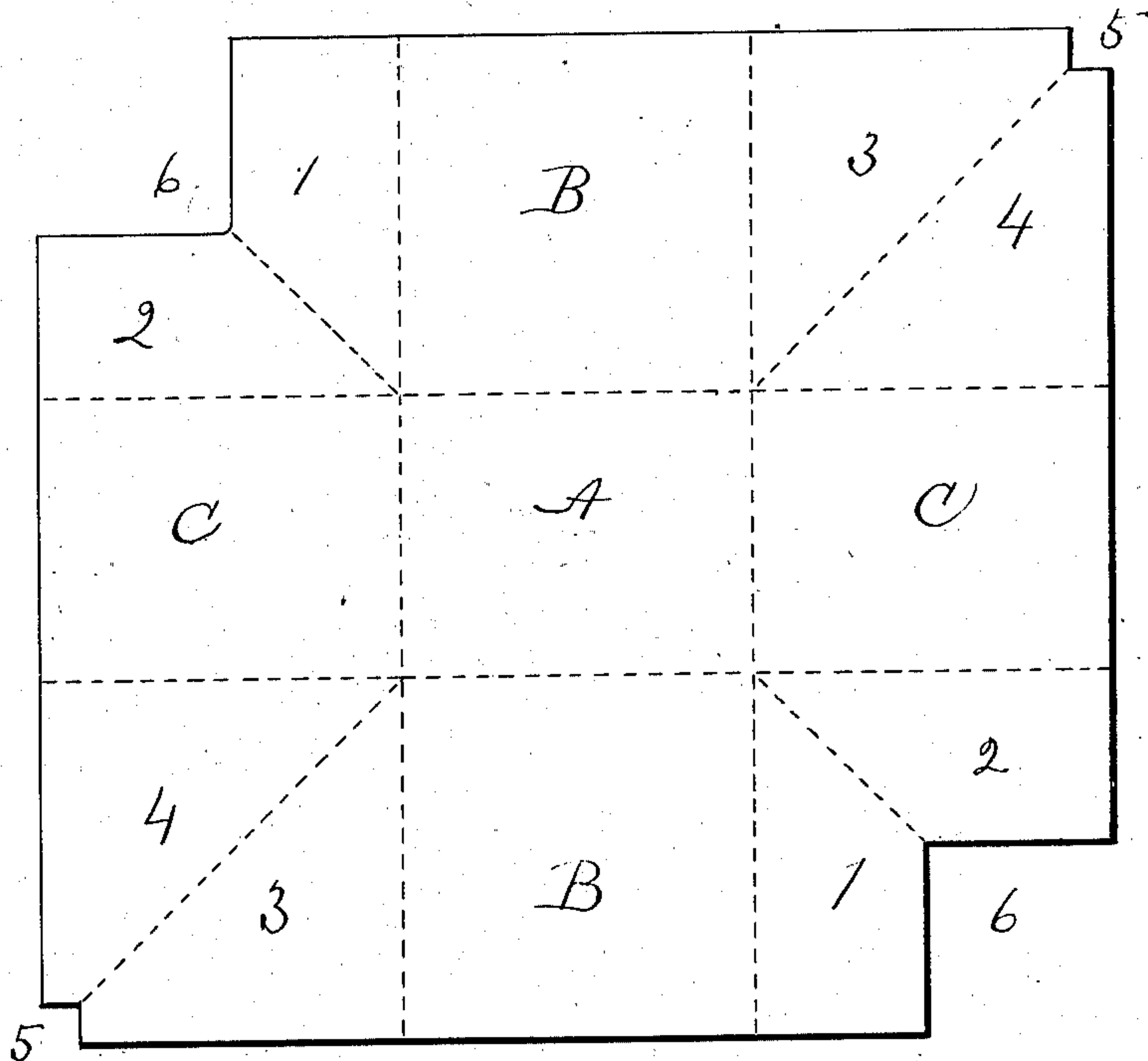
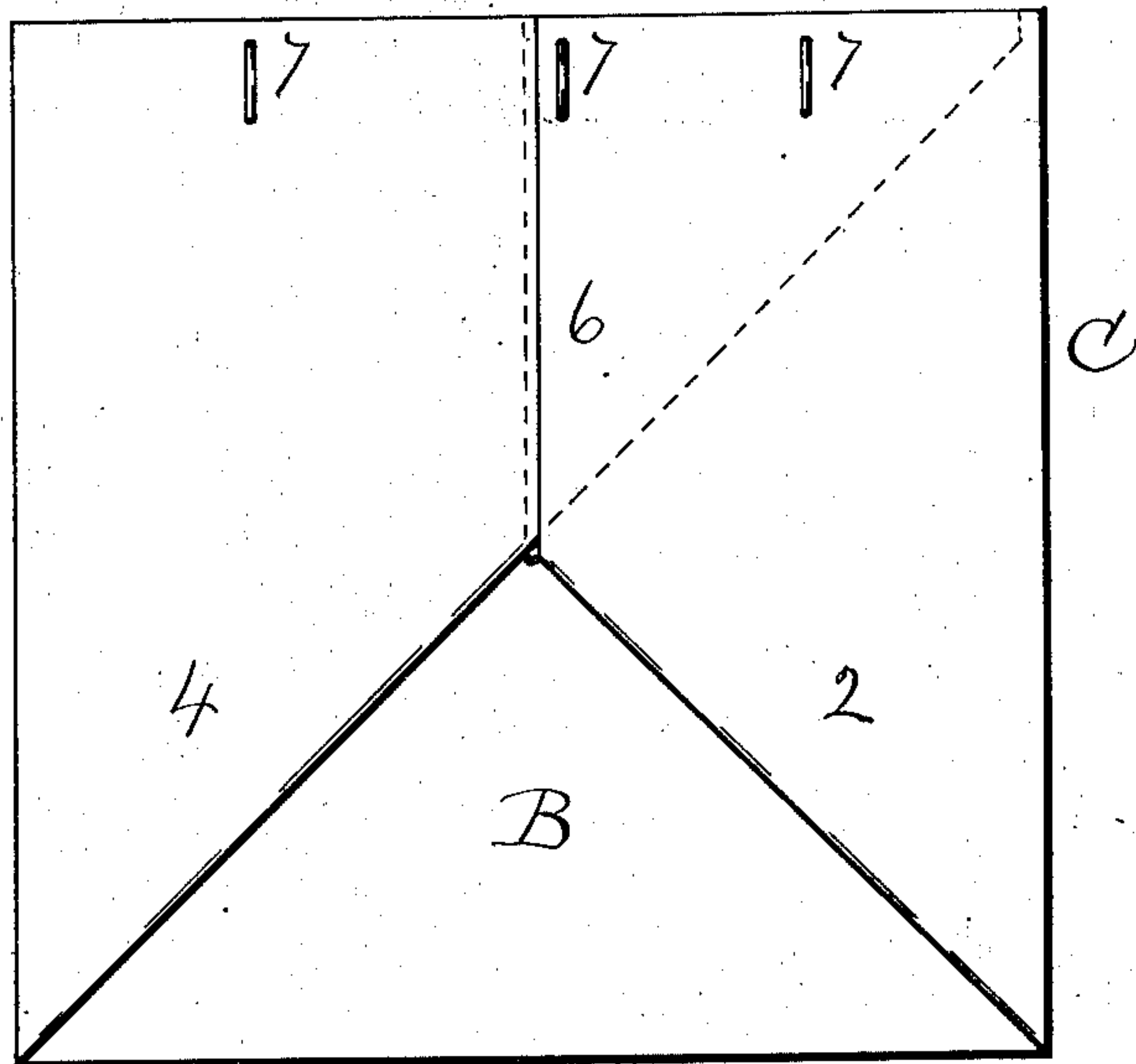


Fig. 11



Witnesses

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UNITED STATES PATENT OFFICE.

THEODORE SCHMIDT, OF DAYTON, OHIO, ASSIGNOR OF ONE-HALF TO SIMON DANCYGER, OF SAME PLACE.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 679,917, dated August 6, 1901.

Application filed December 3, 1900. Serial No. 38,451. (No model.)

To all whom it may concern:

Be it known that I, THEODORE 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; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to
10 which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

15 My invention relates to improvements in paper boxes, the features of which will be fully hereinafter described and claimed.

The object is to construct a firm paper box the sides of which are bound by wire staples
20 that pass through the sides and are clenched.

The construction is illustrated in the accompanying drawings, in which—

Figure 1 is a plan of the blank. Fig. 2 is an enlarged view of the side of the box.

25 Like letters and numerals designate like parts in the two views.

The blank is approximately an oblong square and is cut from a piece of paper. The several dotted lines over the face of the
30 same exhibit the creases which are made to aid in bending the paper in giving form to the box. The longitudinal creases form the sides of the bottom A, and the corner bends form the ends C C. The vertical creases form
35 the ends of said bottom, and the corner bends form the sides B B of the box. The diagonal creases are the corner bends, comprising 2 1 at the upper left corner and 1 2 at the lower right corner, with a square section 6
40 cut out of both corners, and the upper right corner 3 4 and the lower left corner 4 3, with small squares 5 cut out of both of these. All the corners are folded similarly. The two sections of the corner are bent together and
45 then bent against the outer surface of the side wall, as shown at Fig. 2. Section 4 is

the outer part of the corner fold, the point of which is cut away (see 5, Fig. 1) that it may terminate freely within the space of the end wall. This corner fold enters between
50 the parts of the opposite corner fold (see 2, Fig. 2) formed of the notch 6. Then rivets 7 are passed through all the abutting parts and clenched against the inner surface of the side walls. The quadrangular notches
55 6 6 are cut away in the blank, and thereby one corner fold is adapted to enter the other, as shown at Fig. 2, and as the side portions are secured by wire staples a symmetrical box is formed and of great firmness. The
60 box is complete by using the usual form of cover.

Having fully described my invention, what I claim is—

1. The paper box comprising the blank having a quadrangular bottom, side and end sections for the body, the corner folds provided with an angular notch adapted to receive when folded the upper ends of the opposite corner folds as fixed against said side
65 sections above the line of the intersection of said corner folds at the longitudinal center of the box, substantially as shown and described.

2. The paper box comprising the blank having a quadrangular bottom, side and end sections for the body, the corner folds provided with an angular notch adapted to receive when folded the upper ends of the opposite corner folds as fixed against said side sections above the line of the intersection of said corner folds, and the other corners slightly notched to relieve the bulkiness, substantially as shown and described.

In testimony that I claim the foregoing as
85 my own I affix my signature in presence of two witnesses.

THEODORE SCHMIDT.

Witnesses:

B. PICKERING,
H. P. MARSHALL.