

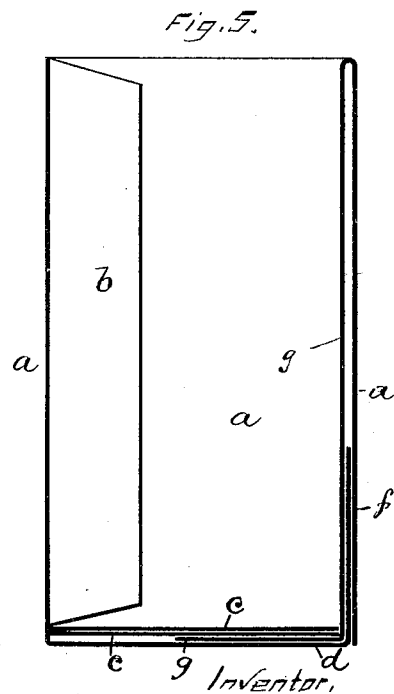
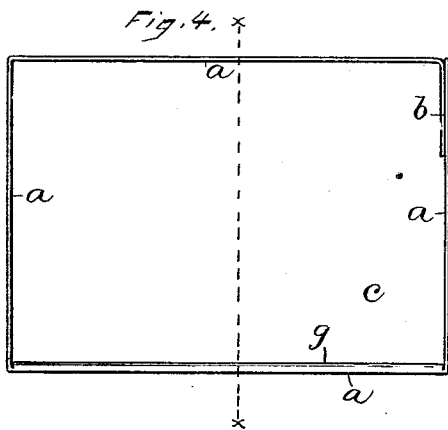
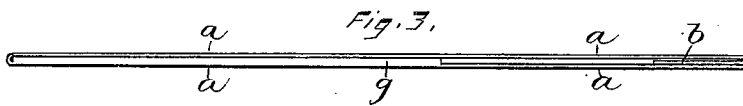
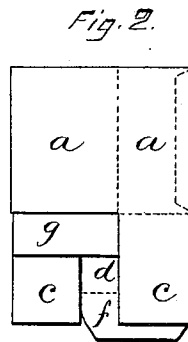
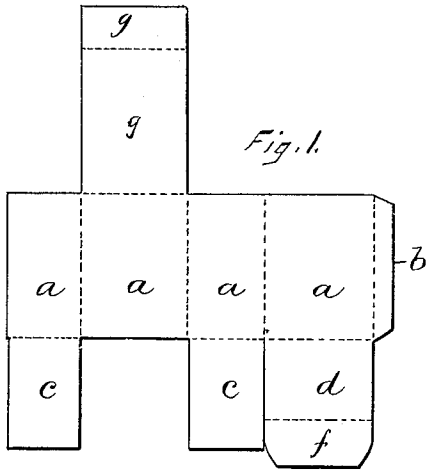
(No Model.)

A. G. HOHENSTEIN.

PAPER BOX.

No. 329,558.

Patented Nov. 3, 1885.



Witnesses,

John Edwards Jr.
Wm. J. Stewart.

Inventor,

Archie G. Hohenstein
By James Shepard Atty.

UNITED STATES PATENT OFFICE.

ARCHIE G. HOHENSTEIN, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
MINOR, NICHOLS & CO., OF SAME PLACE.

PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 329,558, dated November 3, 1885.

Application filed August 24, 1885. Serial No. 175,123. (No model.)

To all whom it may concern:

Be it known that I, ARCHIE G. HOHENSTEIN, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Paper Boxes, of which the following is a specification.

My invention relates to paper packing-boxes, and the chief object of my improvement is to produce a knockdown box which is very convenient to set up.

In the accompanying drawings, Figure 1 is a plan view of the blank from which my box is formed. Fig. 2 is a side view of my box in the form in which I propose to ship it. Fig. 3 is a top view of my box in the same form. Fig. 4 is a top view of the complete box, and Fig. 5 is a vertical section of the same on line *xx* of Fig. 4, the same being somewhat enlarged in order to more clearly show the separate thicknesses thereof as folded together.

The four vertical sides *a* are formed contiguous on the blank, and taken together constitute a straight strip or band with a small flap, *b*, at one end.

The broken lines in Figure 1 indicate the lines on which the blank is to be bent, the blank having ordinary scorings or creasings on said lines. On one edge of the blank I form flaps *cc* and *d*, the former of which are of a size corresponding to the bottom of the box, and each of which forms a thickness thereof in the complete box, while that portion of *d* which is between the adjoining side *a* and the tuck *f* on the end of flap *d* is also of a size corresponding to the bottom, and forms another thickness thereof in the complete box. At the other edge of the blank I form a holding-flap, *g*, the larger portion of which corresponds to the side *a* of the box immediately adjoining it. After the blank has been properly cut and scored or creased the flap *b* is secured, preferably by glue or cement, to the side which in Fig. 1 is farthest from said flap, and the flap *g*, in Figs. 2 and 3,

is folded over against the inside surface of the contiguous side *a*. The box then may be flattened down into the form shown in Figs. 2 and 3, in which condition it is ready for transportation.

Figs. 1 and 2 of the drawings are on a smaller scale than that of the other figures.

When it is desired to set up the box, the flattened sides may be expanded into the form shown in Fig. 4. The flaps *cc* are then folded one over the other and form two thicknesses of the bottom. The holding-flap *g*, which extends down through the box upon the inside, then has its end folded down over the flaps *cc* to assist in holding them in place. The flap *d* is then folded down to form the outer thickness of the bottom, and at the same time the tuck *f* is tucked in between the body of the holding-flap *g* and the side of the box adjacent to said flap, all as shown in Fig. 5. The several thicknesses as thus folded securely hold the box in place, while their form is such that a neat and smooth box is produced without any projections or loose ends that are liable to be caught and torn.

I have described only the box proper, but the box-cover is formed in the same way, only it is used the other side up, so that the part which I have called the bottom in the specification constitutes the top of the cover.

I claim as my invention—

The herein-described paper box, consisting of the four contiguous sides *a* and fastening-flap *b*, having at one edge the flaps *cc* and *d*, the latter of which is provided with a tuck, *f*, and having at the opposite edge the holding-flap *g*, adapted to reach through the inside of the box and have its end folded over the flaps *cc*, all substantially as described, and for the purpose specified.

ARCHIE G. HOHENSTEIN.

Witnesses:

JOHN EDWARDS, Jr.,
JAMES SHEPARD.