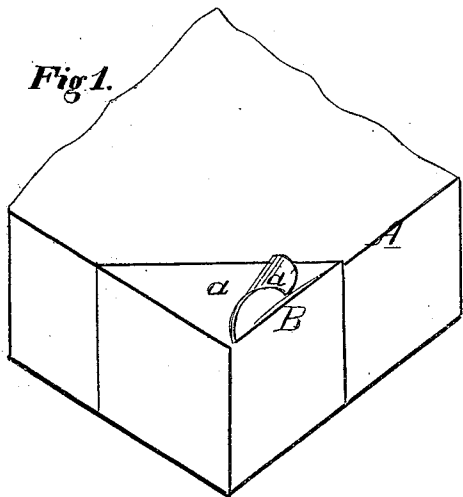


*G. Hendrickson,  
Paper Box.*

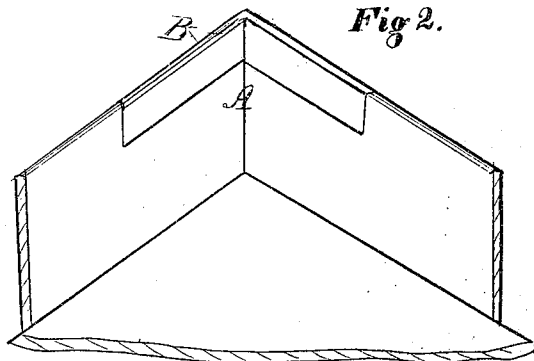
*No 96108.*

*Patented Oct 26 1869.*

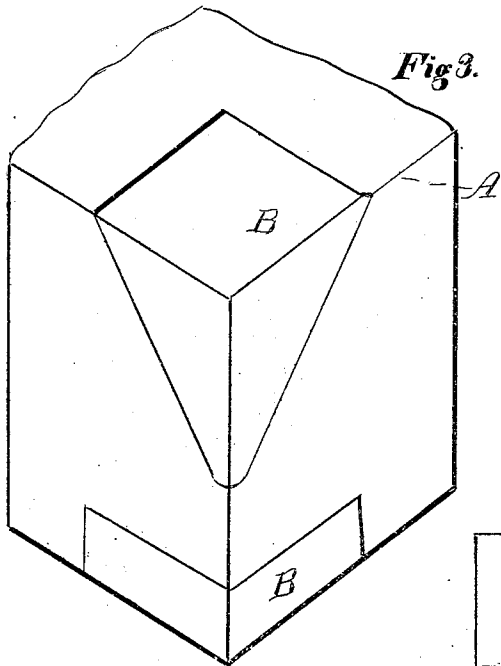
*Fig 1.*



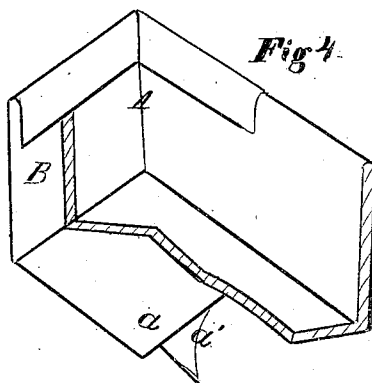
*Fig 2.*



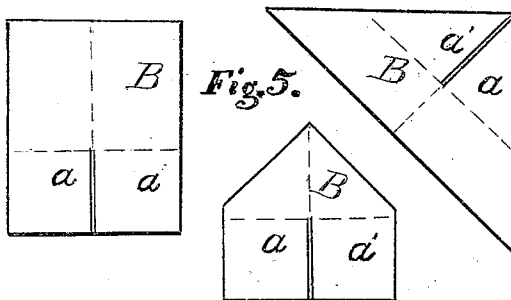
*Fig 3.*



*Fig 4.*



*Fig 5.*



*Witnesses.*

*Alex. Bellair  
Charles Gilman*

*George M. Hancock*

*Inventor.*

# United States Patent Office.

GEORGE M. HENDRICKSON, OF ALBANY, NEW YORK.

Letters Patent No. 96,108, dated October 26, 1869.

## IMPROVED PAPER BOX.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, GEORGE M. HENDRICKSON, of the city and county of Albany, State of New York, have invented a new and improved Mode of Strengthening the Corner Angles of Square Paper Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of a section of a box, bottom upward, showing the application of this invention.

Figure 2 is a perspective view of a section of a box with open side up, showing the same.

Figure 3 is a perspective view of a corner of a deeper box, and the application of the invention to the same in a modified form.

Figure 4 is a perspective view from the inside of a corner of a box, with a part cut away, showing the application of the invention.

Figure 5 represents the forms the material used is to be cut.

Paper boxes, now so extensively used for packing articles of merchandise, and for holding shelf-goods for exhibit, are generally very frail and tender in the corners, which corners are only held together by the paper covering pasted on the outside of the box, or by an additional piece of muslin pasted in a strip around the corners from one side to its adjacent end. The muslin strips, when used, do not come up to the top edge of the box, or turn over the same; neither do they extend down to the bottom edge and under the bottom, but are pasted around the corners between the bottom and top edges. The covers of paper boxes, which should be stronger in their corners than in other parts of the box, need not only to have their corners preserved from being broken, but also their top edges preserved; especially on the corners, which, by chafing and rubbing, soon wear through the thin colored-paper covering with which the board in the box is covered.

By my invention, the corners of both the body of the box and its cover can be effectually strengthened in each direction, in all the jointures of the sides, ends, and bottom, or top, as the case may be, each with the other.

The nature of my invention consists in the employment and application of muslin, or any other suitable fabric, or leather corner-pieces, so formed and attached as will cover the immediate portion of the adjoining sides, ends, and bottom of the body or top of a paper box. When muslin or other woven fabric, or leather, is used, the pieces used of the said material are pasted or glued to the board after the box has been formed or shaped, or may be thus attached in their places after the boxes have been covered.

Sample-boxes used in stores, in which to hold and exhibit goods, are, in most cases, quite large in their length and breadth, and, being handled many times each day, from the shelves to the counter and back, suffer very severely in their wear, and very soon break at their corners. By my invention, those exhibit or sample-boxes can be made not only strong and durable, but ornamental. And while the expense of the application of my invention to such boxes is but slight, the saving of the expense of new boxes, which must be renewed from time, would be very great.

To enable others skilled in the art to make and use my invention, I will proceed to describe it, reference being had to the accompanying drawings, and the letters of reference marked thereon, the same letters indicating like parts.

A, figs. 1, 2, and 4, represents a corner of a square paper box, or box-cover. In fig. 1 is represented a box, open side down, showing the invention applied to the bottom or top of the cover, sides, and end, at the corners.

B is a piece of strong muslin, or other woven fabric, or leather, so cut and manipulated as to cover a sufficient portion of each adjoining end, side, and bottom or top which form the said corner. The pieces of the said corner-piece are attached, by paste or glue, to the sides and ends, and are continued to a length that will be sufficient to turn over the edges of the open side, and down on the same, as shown in figs. 2 and 4.

In manipulating and applying the material, it is best, in most cases, to have the laps of the two parts of the piece used, to fall on the bottom or on the top of the cover, as shown in *a a*, figs. 1 and 4, which shows one of the lapping-pieces *a* turned off, to be pasted down or glued. Thus the top of the cover or the bottom of the box would be doubly protected from the wear, which is greater on those parts than on the sides and ends.

In boxes of great depth, the pieces B used, need not in all cases cover the whole length of the corner, but may be applied as in fig. 3, and if thought desirable, with an intermediate piece or strip of material the same as has long been used.

As there are several modes of manipulating the said piece B so as to cover the adjoining bottoms, or tops, sides, and ends of a corner, I would not decline using any of them to apply to my invention, so long as the whole corner would be effectually strengthened and preserved from wear or rending; but in all cases, I provide in the piece B, (no matter what its form may be,) the two covering-pieces *a a*, one of which is to lap over the other, so that the bottom of the corners of the body of the box, or the top corners of the cover, will have two thicknesses of the material to cover and protect them, as shown in figs. 1, 4, and 5; and in fig. 5 are shown by dotted lines, the

lines of the foldings of the piece B, to effect the desired form when attached to the box. And though I show and describe a part of the piece B as turning over the edge of the box, yet I do not claim such turning over of a part of the said piece B as being a part of my invention, as that has been done before me by others, with metal pieces, extending down at a little distance on both the inside and the outside.

Having described my invention,

What I claim, and desire to secure by Letters Patent, is—

In combination with square paper boxes, the pieces B, of woven fabric, leather, or other sheet-material, manipulated and applied substantially as described, for the purpose set forth.

Witnesses: GEORGE M. HENDRICKSON.

ALEX. SELKIRK,  
CHARLES SELKIRK.