N. NIELSON.

FOLDABLE DISPLAY BOX.

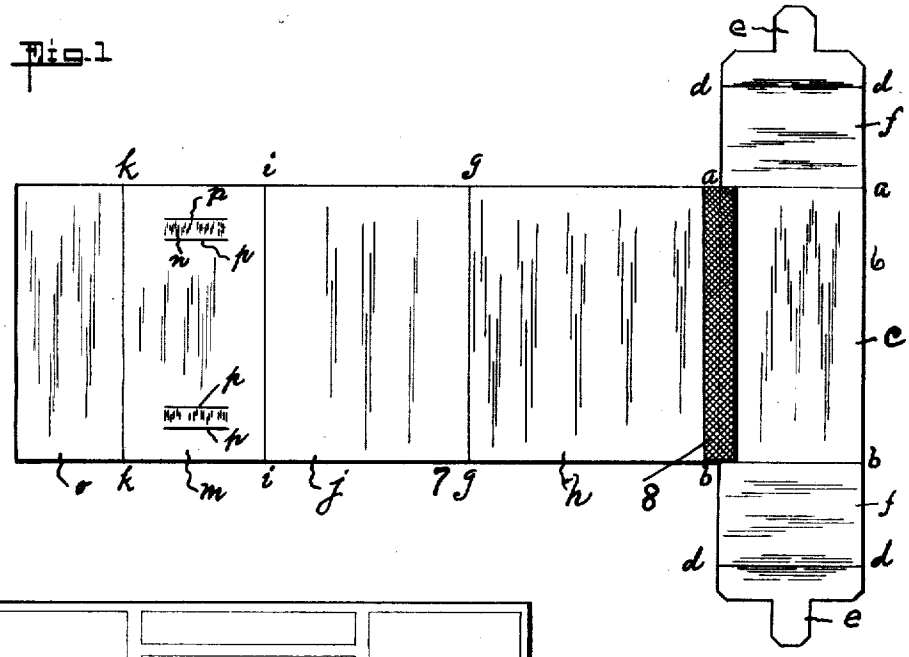
APPLICATION FILED MAR. 27, 1913.

1,083,461.

Patented Jan. 6, 1914.

2 SHEETS—SHEET 1.

Fig. 1



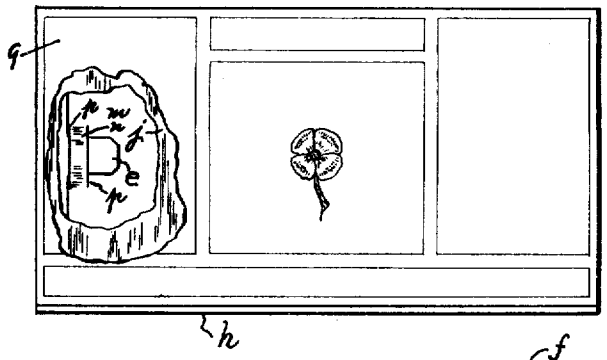
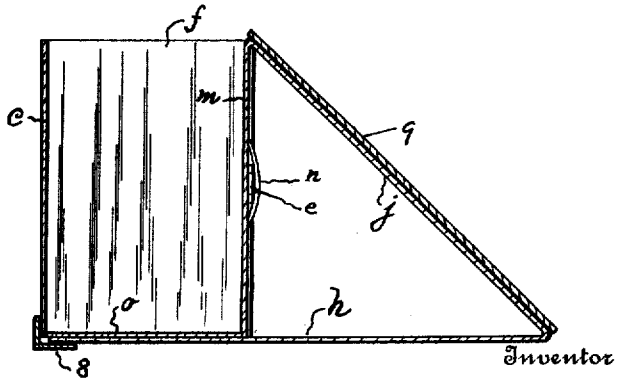


Fig. 2

Fig. 3



Witnesses Arthur Sturges.
A. R. Leyson

Inventor
Niels Nielson,
By Hiram A. Sturges
Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

N. NIELSON.

FOLDABLE DISPLAY BOX.

APPLICATION FILED MAR. 27, 1913.

1,083,461.

Patented Jan. 6, 1914.

2 SHEETS—SHEET 2.

Fig. 4

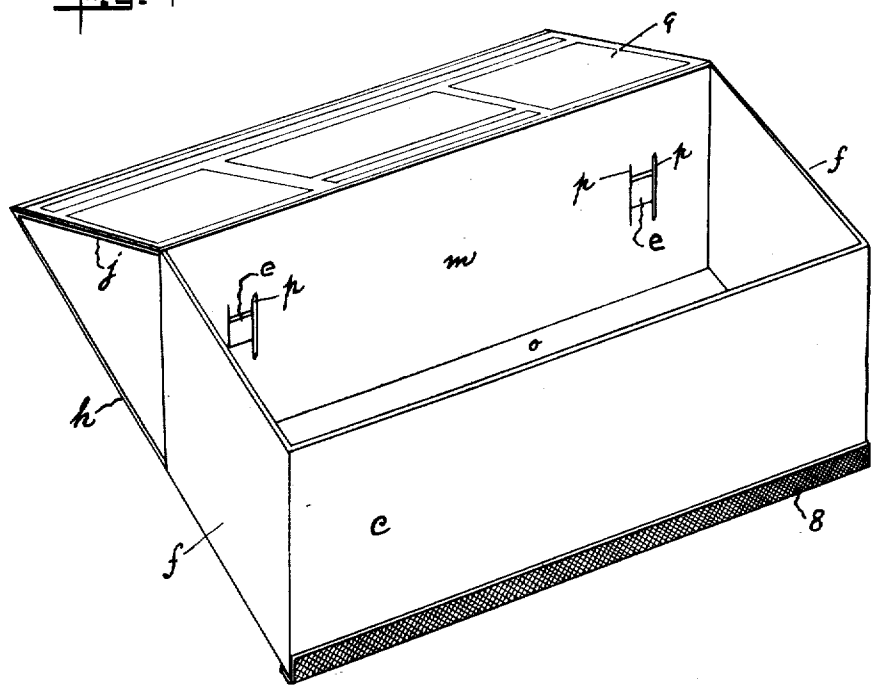
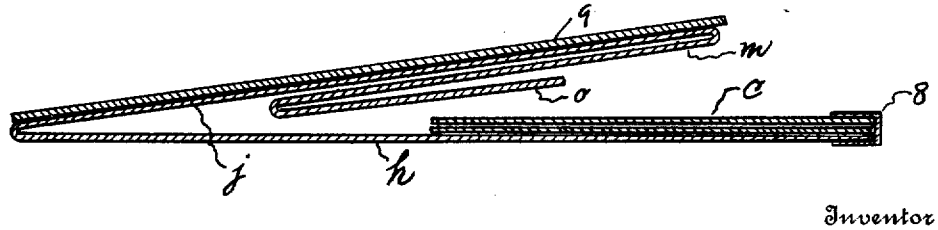


Fig. 5



Inventor

Witnesses Arthur Sturges.
A. R. Leeson

Niels Nielson,
By Hiram A. Sturges,
Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

NIELS NIELSON, OF HARLAN, IOWA.

FOLDABLE DISPLAY-BOX.

1,083,461. Specification of Letters Patent. Patented Jan. 6, 1914.

Application filed March 27, 1913. Serial No. 757,065.

To all whom it may concern:

Be it known that I, NIELS NIELSON, a citizen of the United States, residing at Harlan, in the county of Shelby and State of Iowa, have invented certain new and useful Improvements in Foldable Display-Boxes, of which the following is a specification.

This invention has for its object to provide a collapsible box which may be conveniently and economically manufactured of straw-board, paste-board or other similar material for containing merchandise when exhibited for sale.

The invention has reference to the particular way the material is bent to provide certain leaves or wings to form a container from two flexible sheets without waste of material, which will be collapsible for shipment with an original merchandise package, and extensible to contain the goods when exhibited for sale.

The invention consists of the novel construction, combination and arrangement of parts as described herein and claimed, and as illustrated in the drawing, wherein,—

Figure 1 is a bottom plan view of two connected flexible sheets employed to form the box. Fig. 2 is a partly broken front view of the box. Fig. 3 is a view of the same in transverse section. Fig. 4 is a perspective view of the box, and Fig. 5 is a transverse sectional view of the device when the wings are folded.

Referring now to the drawing for a more particular description, numeral 6 indicates a substantially rectangular, flexible sheet which may be bent transversely at *a a* and *b b* at equal distances from its ends, to provide the back *c*, the portions of the sheet outwardly of the part *c* being bent transversely at *d d* to form the tongues or terminal clasp-members *e* and the intermediate portions *f* which provide the ends of the box.

At 7 is indicated a second, rectangular, flexible sheet, which may be connected at one of its terminals by means of the flexible strip 8 to one of the edges of part *c*, said sheet being bent transversely at *g g* to provide a bottom *h* to extend forwardly of the box, and bent transversely at *i i* to form the inclined supporting wing *j*, and bent transversely at *k k* to provide the front *m*, and a secondary bottom *o* for the box, the front of the box being provided with suitable incisions *p p* arranged in pairs to form holders or staples *n*.

Sheets 6 and 7 may thus be provided without waste of material, substantially, and the wings of the box may be folded as shown in Fig. 5, to occupy a limited space; and the parts may be conveniently disposed as shown in Figs. 2, 3 and 4 to provide a container for exhibiting the goods, a display sheet or leaf 9 of any suitable descriptive design being used for this purpose and pasted or otherwise secured to the wing or leaf *j*.

Among some of the advantages to be derived by use of the invention, it may be stated that it may be manufactured conveniently and at slight expense. When folded it will occupy a limited space in the original package of goods to be shipped, and when the parts are extended to form a box it provides a comparatively strong structure for containing the goods, tongues *e* traversing incisions *p p* and connecting the sides with the front for holding the parts together. The secondary bottom *o*, since it engages the walls and is disposed above the first or lower bottom of the box, operates as a brace or reinforcing member for resisting stresses; and since wing *j* is inclined, it operates as an effective brace for the complete structure, and the display card or sheet mounted thereon will be disposed to advantage so that it may be readily visible from the front of the box.

While the box could be constructed by use of a single sheet, this would not be to advantage as it would result in a loss or waste of material; also since the sides *f* must be folded upon the back *c* and interposed between the back and inclined wing *j* when the parts are collapsed, ready for shipment, as shown in Fig. 5, it is considered that the use of the strip 8 is necessary, and ordinary card-board, straw-board or paste-board would become broken if the device was constructed of an integral sheet.

Having fully described my invention, what I claim and desire to secure by Letters Patent is,—

1. A foldable display box comprising a first rectangular sheet bent transversely adjacent to its ends to provide a back, and two sides with terminal clasp-members; a second rectangular sheet secured at one of its ends to one of the longitudinal edges of the back

and bent transversely at longitudinal intervals to form a bottom, an inclined wing, an incised front and a secondary bottom, the incisions in the front of the box being traversed by said terminal clasps; and a display-card secured upon said inclined wing.

2. A foldable display box comprising a first rectangular sheet bent transversely at longitudinal intervals to provide a back and two sides with terminal clasp-members; a second rectangular sheet secured at one of its ends to one of the longitudinal edges of the back and bent transversely at longitudinal intervals to form a first bottom, an inclined wing, a front and a second bottom; means for securing said clasp-members upon the front of the box; said second bottom being adapted to be disposed with its edges in engagement with the front, back and sides of the box above said first bottom.

3. A foldable display box, comprising a blank of T-shape, one portion of which is creased to form a central back section for the box proper, end sections at each end of said back section and securing tab sections at the outer ends of each of said end sections, and the other portion of the T-shaped blank being creased to form a bottom section which is connected with said back section along one edge thereof, said bottom section being of such length as to project considerably beyond the body of the box, an inclined wing section, and a front section having slits formed therein for the reception of said securing tab sections.

In testimony whereof I have affixed my signature in presence of two witnesses.

NIELS NIELSON.

Witnesses:
L. H. PICKARD,
WM. H. SOWNSAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."