C. H. MYERS.

TRANSPARENT COVER.

APPLICATION FILED MAR. 23, 1910.

1,126,258. Patented Jan. 26, 1915.

Fig. 1.

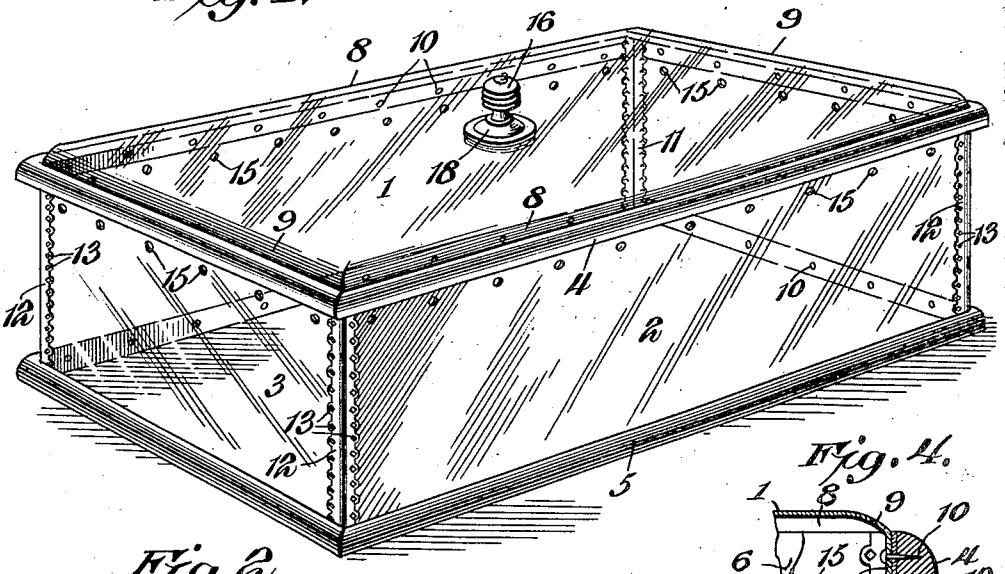


Fig. 4.

Fig. 2.

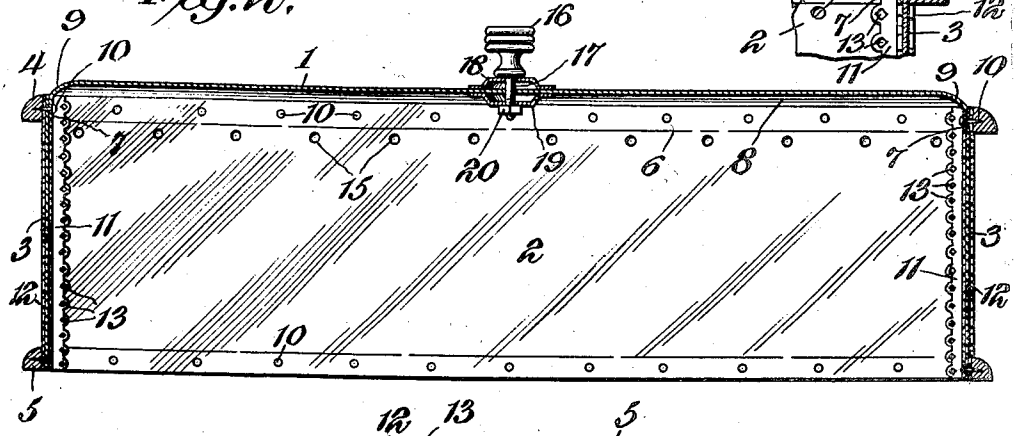
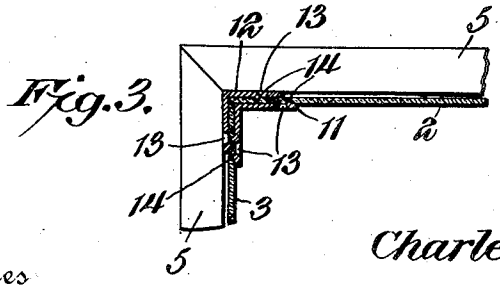


Fig. 3.



Witnesses

Howard D. Orr.

H. J. Ripley

Charles H. Myers, Inventor,

By E. G. Siggers.

Attorney

UNITED STATES PATENT OFFICE.

CHARLES H. MYERS, OF BUFFALO, NEW YORK.

TRANSPARENT COVER.

1,126,253. Specification of Letters Patent. Patented Jan. 26, 1915.

Application filed March 23, 1910. Serial No. 551,073.

To all whom it may concern:

Be it known that I, CHARLES H. MYERS, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented a new and useful Transparent Cover, of which the following is a specification.

The invention relates to improvements in covers for protecting and displaying goods for advertising and other purposes.

The object of the present invention is to improve the construction of covers for displaying and protecting merchandise, and to provide a simple, light non-breakable transparent cover, capable of being cheaply manufactured, and adapted while displaying goods to afford an absolute protection against insects, dust and dirt.

It is also an object of the invention to provide a transparent display cover, adapted to afford the necessary ventilation when desired.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:—Figure 1 is a perspective view of a transparent cover, constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is an enlarged horizontal sectional view of one corner of the cover. Fig. 4 is an enlarged vertical sectional view of one of the corners.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

In the embodiment of the invention illustrated in the accompanying drawing, the cover, which is of rectangular form, may be constructed of any desired dimensions, and comprises a top sheet 1, vertical side and end walls 2 and 3 and upper and lower rectangular frames 4 and 5, to which the top sheet and the side and end walls are secured. The top sheet and the side and end walls are constructed of thin transparent flexible material, such as celluloid, fibroid, or analogous pyroxylin products. The top sheet has its side and end edges bent downward to form side and end flanges 6 and 7, and the material is bowed or curved adjacent to the flanges, as shown, the bowed or curved portions 8 and 9 supporting the body portion of the sheet above the plane of the upper edges of the top frame, as clearly shown in Fig. 2 of the drawing. The sheet 1 is split diagonally at the corners and cut so that the contiguous edges of the flanges 6 and 7 and the bowed portions 8 and 9 fit snugly together when the parts of the cover are assembled. The flanges 6 and 7 are secured by tacks 10 to the inner faces of the side and end bars of the upper rectangular frame 4.

The upper edges of the side and end walls are secured to the inner faces of the upper rectangular frame 4 by means of the said fastening devices 10, and the lower side edges of the side and end walls are secured to the inner faces of the bars of the bottom frame by tacks 10, or other suitable fastening devices. The upper and lower rectangular frames are arranged exteriorly of the cover, and they preferably consist of strips or ornamental wooden molding, as shown, but any suitable material may be employed in the construction of the frames.

In order to provide a rigid connection between the upper and lower frames, the cover is reinforced at the corners by inner and outer metallic angle strips 11 and 12, arranged at the inner and outer faces of the side and end walls at the corners or angles formed by the same, and fitted in the angle formed by the bars or members of the upper and lower frames. The thin transparent material is cut so that their adjacent vertical edges properly meet at the corners, as clearly shown in Fig. 3 of the drawing, and the angle strips are provided at intervals with perforations 13, the metal being partially severed to form the perforations and providing spurs or projections 14, extending from the angle strips and embedded in

the side and end walls, whereby the adjacent terminal portions of the latter are securely fastened between the angle strips. The projections or spurs 14, which pierce or are embedded in the celluloid, or other thin transparent material, are clenched in the usual manner. The angle strip may be fastened to the top and bottom frames by suitable fastening devices, but this is not necessary as the attachment of the side and end walls to the top and bottom frames and the fastening of the angle strips to the adjacent edges of the side and end walls are sufficient to form a cover of the required stiffness. The angle strips are of uniform width, and the arrangement of the strips interiorly and exteriorly of the transparent walls throws the inner and outer spurs and projections out of alinement, and they pierce the transparent material in different vertical planes. By this arrangement the fastening of one angle strip does not interfere with the fastening of the other.

The side and end walls are provided adjacent to the upper frame with small perforations 15, punched or otherwise formed in the material, as ventilating apertures, but these may be omitted when it is desired to provide a perfectly air tight cover. These perforations while affording ventilation are sufficiently small to exclude insects and dust and dirt.

The cover is equipped with a suitable handle 16, provided with a threaded stem 17, piercing the top sheet or piece at the center thereof and extending through registering perforations of upper and lower metallic clamping plates 18 and 19, having flat peripheral portions, and maintained in engagement with the top sheet by a nut 20, arranged on the threaded stem.

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

1. A removable transparent display and protecting cover comprising upper and lower spaced frames, each composed of side and end bars rigidly connected and arranged in rectangular form, a thin sheet of flexible transparent material substantially as described extending across and having its side and end edges bent downwardly and fitted against the inner side edges of the bars of the upper frame and permanently attached thereto and forming therewith the closed top of the cover, vertical walls constructed of thin flexible transparent material substantially as described secured to the inner side edges of the bars of the upper and lower frames and connecting the same, and means arranged in the inside of the vertical walls for connecting the upper and lower frames at the corners, the lower frame being arranged around the outside of the lower edge of the vertical walls and disposed in flush relation with the said lower edge, so as to constitute a protector therefor, the bottom of the cover being open.

2. A removable transparent display and protecting cover of rectangular form comprising upper and lower spaced frames, each composed of side and end bars rigidly connected and arranged in rectangular form, a thin sheet of flexible transparent material of rectangular form substantially as described having its edges curved downwardly and permanently secured to the bars of the upper frame at the inner side edges thereof and forming therewith the closed top of the cover, the said sheet being split at the corners and the downwardly curved portions being fitted together in the angles of the upper frame, and vertical walls constructed of thin transparent flexible material substantially as described connecting the upper and lower frames and fitting the space between the same, means for connecting the said upper and lower frames at the corners, said means being arranged on the inside of the vertical walls, the lower frame fitting around the lower edge of the vertical walls and flush with said edge so as to constitute a protector therefor, the bottom of the cover being open.

3. A removable transparent display and protecting cover comprising upper and lower frames, each composed of side and end bars rigidly connected and arranged in rectangular form, a rectangular sheet of thin, flexible, transparent material, substantially as described, having its edges curved or bowed downwardly and secured to the bars of the top frame at the inner side edges thereof to form a closed top for the cover, the top sheet being split diagonally at the angles and the downwardly bowed portions being fitted together in the corners of the upper frame, and vertical walls of thin, flexible, transparent material, substantially as described, secured to the inner side edges of the bars of the upper and lower frames and connecting the same, the upper edges of the said walls overlapping the downwardly extending edges of the top sheet.

4. A removable display cover comprising upper and lower rigid rectangular frames, a rectangular sheet of thin flexible material substantially as described, having its edges bowed downwardly and secured to the upper frame at the inner face thereof, vertical walls constructed of thin, flexible transparent material substantially as described, connecting the upper and lower frames and secured to the inner faces thereof, and inner and outer reinforcing angle strips fitted against the inner and outer faces of the said walls at the corners thereof and secured

thereto, the upper and lower ends of the strips being extended so as to be carried by the upper and lower frames, the lower frame constituting a protector for the bottom of the cover, the latter being open at the bottom.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES H. MYERS.

Witnesses:
HAROLD A. CLARK,
ALBERT HOENER.