Dec. 17, 1929. F. J. SCHLEICHER 1,739,920

BOX

Filed Dec. 24, 1927

Fig. 1.

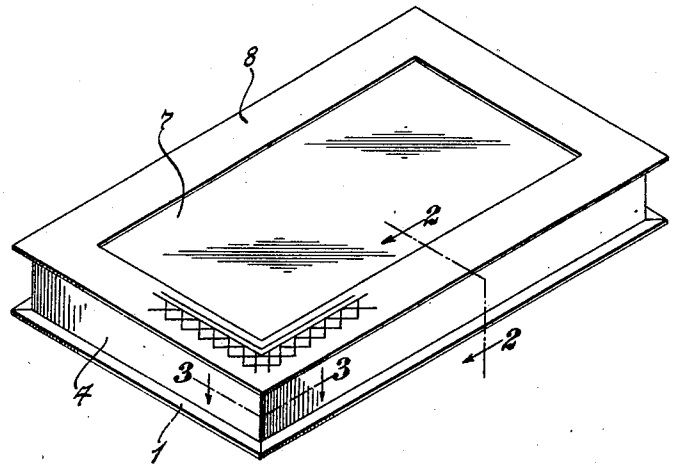


Fig. 2.

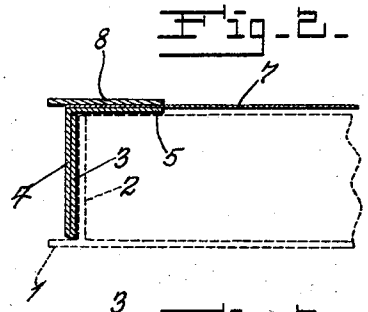
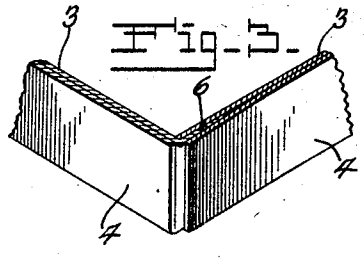


Fig. 3.



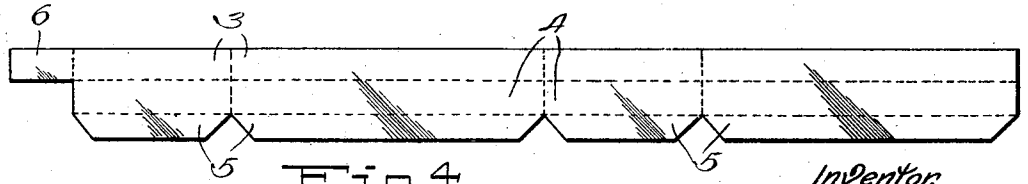


Fig. 4.

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Patented Dec. 17, 1929 1,739,920

UNITED STATES PATENT OFFICE

FRANK J. SCHLEICHER, OF ST. LOUIS, MISSOURI

BOX

Application filed December 24, 1927. Serial No. 242,308.

This invention relates to boxes.

An object of the invention is to provide an improved box applicable for use to candy boxes and to other purposes, and comprising a lid for the receptacle portion of the box comprising a wall having an inwardly extended margin and forming a strong lid frame supporting a transparent panel secured to the frame by novel and efficient means and permitting inspection of the contents of the box while such contents are protected by the lid.

Other objects will appear from the following description, reference being made to the drawing in which

Fig. 1 is a perspective view of the box embodying my present invention.

Fig. 2 is an enlarged sectional view of the lid on the line 2—2 of Fig. 1, the cooperating receptacle portion of the box being shown by broken lines.

Fig. 3 is a sectional view of the wall of the lid on the line 3—3 of Fig. 1.

Fig. 4 is a plan view showing the blank for the lid frame before the blank is folded.

My improved box lid is designed and adapted for cooperation with the receptacle portion of the box comprising a bottom 1 and a side wall 2. This receptacle receives and holds the contents of the box upon which my improved box lid is removably placed to afford inspection of the contents without removing the lid.

The lid comprises a frame preferably made of a single strip of pasteboard folded to provide a wall of double thickness and of sufficient size to enclose the wall 2 of the receptacle portion of the box. This strip of pasteboard is folded longitudinally to provide an inner ply 3 and an outer ply 4 integrally united along the fold line at their lower edges. The vertical width of the wall thus formed may be, and preferably is, approximately the same as the vertical width of the wall 2. The upper marginal edge of the ply 4 is folded inwardly across the upper edge of the ply 3 to provide an inwardly extended frame 5. Of course, the part 5 will be notched or mitered at the corners to permit this folding. The plies 3 and 4 are secured together by an adhesive substance or other fastening means.

The ends of the strip of pasteboard forming the wall of the lid are connected by inserting an extension 6 of one of the plies (the ply 3, as shown) between the plies 3 and 4 of the adjacent end of the wall and securing the parts in this position by an adhesive substance or other fastening means.

After the frame of the lid has been constructed in this manner a transparent pane or panel 7 is placed upon the part 5 of the box lid frame and secured thereto by glue or other fastening means. The edge of this pane or panel 7 preferably extends approximately to the plane of the outer side of the ply 4 and across the plane of the upper edge of the ply 3 to obtain maximum strength. A frame 8 is secured upon the marginal edge of the pane or panel 7 preferably in a relationship in which the inner edge of the frame 8 is in approximate alinement with the inner edge of the part 5. This frame 8 extends outwardly beyond the outer edge of the pane or panel 7 and beyond the outer surface of the ply 4 to approximate alinement with the edges of the bottom 1 of the receptacle portion of the box (Fig. 2). Glue or other fastening means may be used to attach the frame 8 in position. The pane or panel 7 may be transparent paper or other material suitable for this purpose.

I am aware that the construction and arrangement of the parts may be varied within equivalent limits without departure from the nature and principle of the invention. I do not restrict myself unessentially nor otherwise than as set forth in the appended claims.

What I claim is:—

1. A box lid comprising a wall made of a single strip folded double and forming two layers of material, the edge portion of the outer layer of material being extended inwardly across the upper edge of the inner layer of material and forming an open frame, a flexible transparent panel having its marginal portion secured upon the upper side of said inwardly extended edge of said outer layer and covering said frame, and a frame

secured upon the marginal portion of said panel and having edges projecting laterally beyond the outer sides of said wall of said lid.

2. A box lid comprising a wall made of two layers of material, the edge portion of the outer layer of material being extended inwardly across the upper edge of the inner layer of material and forming an open frame, a transparent panel having its marginal portion secured upon the upper side of said inwardly extended edge of said outer layer and covering said frame, and a frame secured upon the marginal portion of said panel and having its inner edge approximately even with the inner edge of said inwardly extended edge of said outer layer and having its outer edge extended beyond the outer side of said wall.

3. A box lid comprising a wall composed of an inner layer and an outer layer of material secured together, an edge portion of the outer layer extended inwardly across the upper edge of the inner layer and forming an open frame, a transparent panel having its marginal portion seated upon the upper side of said inwardly extended edge portion of said outer layer, and means between said inwardly extended edge and the marginal portion of said panel securing said panel directly to said inwardly extended edge.

4. A box lid comprising a wall composed of an inner layer and an outer layer of material secured together, an edge portion of the outer layer extended inwardly across the upper edge of the inner layer and forming an open frame, a transparent panel having its marginal portion seated upon the upper side of said inwardly extended edge portion of said outer layer, means between said inwardly extended edge and the marginal portion of said panel securing said panel directly to said inwardly extended edge, and a frame secured upon the marginal portion of said panel above the inwardly extended portion of said outer layer.

5. A box lid comprising an open frame, a transparent panel of less length and less width than said frame and having its marginal portion seated against the under side of said frame and its edges spaced inwardly from the edges of said frame, means between said frame and said marginal portion of said panel rigidly securing said panel and said frame together, and a wall arranged for telescoping connection with the wall of a box and having its upper end rigid with said frame and spaced inwardly a distance from the edges of said frame leaving marginal portions of said frame projecting outwardly beyond the outer sides of said wall.

FRANK J. SCHLEICHER.