

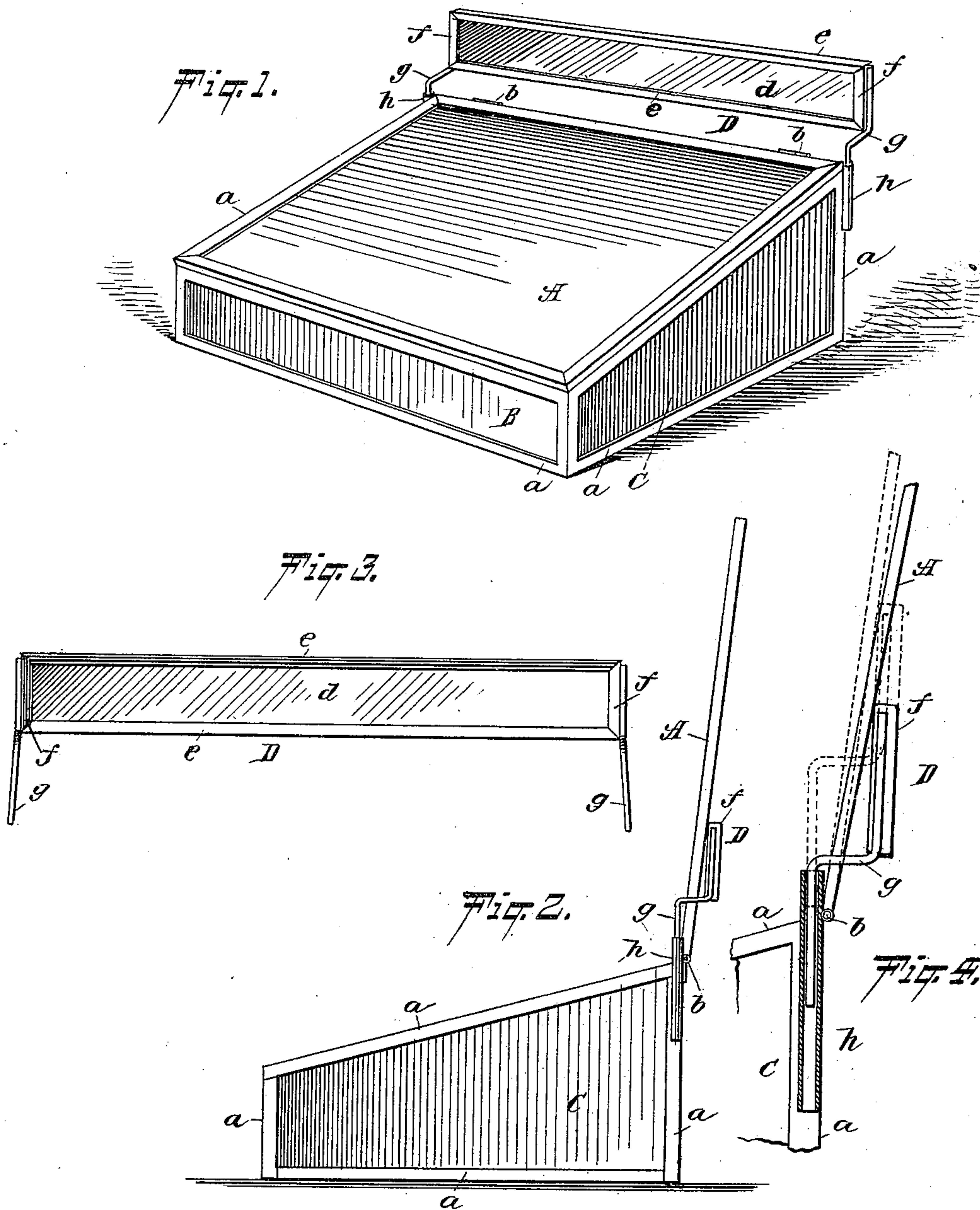
No. 667,815.

Patented Feb. 12, 1901.

P. A. BECKER.
DISPLAY BOX.

(Application filed June 20, 1900.)

(No Model.)



WITNESSES:

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DISPLAY-BOX.

SPECIFICATION forming part of Letters Patent No. 667,815, dated February 12, 1901

Application filed June 20, 1900. Serial No. 20,928. (No model.)

To all whom it may concern:

Be it known that I, PHILIP A. BECKER, a citizen of the United States, and a resident of New York, borough of Brooklyn, in the county of Kings and State of New York, have made and invented certain new and useful Improvements in Display-Boxes, of which the following is a specification.

My invention relates to an improvement in display-cases, and more particularly to that kind or class thereof in which the body and top are made wholly or partially of glass.

As is well understood by those skilled in the art, it has been the custom heretofore to construct glass boxes in such a way that when opened the lid or top, hinged at one end or edge to the rear side of the box, rests at its free edge upon the support or table upon which the glass case or box is placed, the opened box in consequence occupying an amount of room equal to about twice that of the closed box. This objection to the old style of box is sometimes a serious one, especially in instances where, by reason of the crowded condition of the shelves or tables upon which the boxes are displayed, room or space must be economized. This objection I have overcome by providing a suitable support whereby the lid or cover may be held in an upright position and at any desired angle, said rest or support being removable in order that when desired the lid may be opened or thrown back to the same extent as in the case of boxes as now usually constructed and in order to facilitate the packing of the same within a small compass for shipping.

A further object of my invention is to so construct the support that when the lid is closed it may serve as a sign to advertise or indicate the nature of the goods or contents of the box, and being made of glass to harmonize with the body of the box will lend to the latter a neat and finished appearance.

With these and other ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a glass box having the support for the lid or top secured thereto, said lid being closed. Fig. 2 is an end view of the

box, showing the lid or top open. Fig. 3 is a view of the detached support. Fig. 4 is a sectional view of a portion of the box, the lid being raised and showing by dotted lines the adjustability of the support.

Referring to the drawings, A represents the lid or top of the box, B the front, and C the sides, said lid, sides, and the front and back being preferably made of glass, the edges thereof being secured together by means of the metal binding-strips *a*, the lid or top being hinged at its rear edge to the back, as shown at *b*, Figs. 2 and 4.

Heretofore it has been the practice when the box is open to throw the lid or top A backwardly until its forward edge rested upon the table upon which the glass box was supported; but in my improved box I have provided a support D, consisting, preferably, of the glass panel *d*, bound on its edges with the horizontal metal strips *e* and vertical end strips *f*, this binding lending a neat and finished appearance to the support and covering or protecting the sharp or raw edges of the glass panel. To the end strips *f* are soldered or otherwise secured the arms *g*, bent as shown—that is, having their central portions bent at right angles to the end portions, the upper vertical portions being soldered, as described, to the end strips *f* and their lower vertical portions being free and bent slightly outwardly, as illustrated in Fig. 3, these arms being formed of wire. To the rear edges or binding-strips *a* of the box are secured the tubes or sleeves *h*, of a size to nicely contain the lower ends of the arms *g*, and in which the latter are fitted, as illustrated in Figs. 1, 2, and 4, for removably securing the support to the box. When the parts are thus assembled, it will be understood that when the lid or top A is raised it will lie or rest against the upper edge of the support D, and thus be held in its open position, the angle at which the said lid is supported depending upon the height of said support, as illustrated in Fig. 4. By spreading or bending outwardly the lower portions of the arms *g* sufficient tension will be imparted thereto when received within the tubes or sleeves *h* to hold the support D at any convenient height—that is, if desired, the support may be lowered until the horizontal portions of the arms *g* strike the

upper portion or ends of the tubes or sleeves *h*, as illustrated in full lines in Fig. 4, or the arms may be raised, thereby raising the support *D* to any desired extent, as illustrated by dotted lines in Fig. 4, in which instance the top or lid *A* will be supported in a position almost vertical.

Within the binding-strips *e f* and back of the glass panel *d* may be secured a strip of cardboard or other material for the purpose of carrying advertising or other printed matter, or, as will be understood without further illustration, the panel *d*, instead of being formed of glass, may be made of wood, cardboard, or other material, or entirely omitted, the strips *e f* being made of sufficiently heavy or strong material to act as a support for the lid or top of the box.

It will be further understood that instead of having the support removable the arms *g* may be soldered or otherwise permanently secured to the sleeves *h* or directly to the binding-strips *a*; but I prefer to have the support removable, as by reason of its length it may be laid upon the top or lid *A* or against the back of the box in order to facilitate the packing of the said box within a small compass for shipment.

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

1. A glass or other display box, constructed with a lid or top hinged to the upper side, an upright panel attached to the upper rear part of said box, and extending substantially across the entire width of the same, whereby said top or lid, when open, will be supported on the upper edge of said panel, substantially as described.

2. A glass or other display box constructed with a top or lid hinged to the upper side thereof, an upright panel extending substantially across the upper rear side of said box and removable therefrom, whereby said panel may be utilized when in position, to support the lid or top in its raised position, and removed for packing and shipping, substantially as described.

3. A glass or other display box, constructed

with a hinged lid or top and with an adjustable panel secured to the body of said box, against which panel said lid strikes and is supported when in its raised position, substantially as described.

4. A display-box, the body of which is provided with a detachable and adjustable glass panel, extending across said box and against which the lid strikes and is supported when in its raised position, substantially as described.

5. A glass or other box having a top or lid hinged to the upper side thereof, in combination with a support consisting of a frame having arms attached thereto, sleeves secured to said box for containing said arms, whereby when said lid or top when raised or open will rest upon said support, substantially as described.

6. A glass or other box having tubes or sleeves secured to the body thereof, in combination with a support, the latter consisting of a frame containing a panel, and having bent arms secured thereto for fitting into said sleeves, substantially as described.

7. A glass or other box having tubes or sleeves secured to the body thereof, in combination with a support consisting of a frame containing a glass panel, and having arms secured to said frame and fitting in said sleeves, said arms being bent in their length at right angles to the ends thereof, substantially as described.

8. A glass box consisting of a body and lid, and having the tubes *h* secured to the rear of said body, in combination with a support for said lid, said support consisting of the panel *d* and frame *e, f*, surrounding said panel, and arms bent in their length as described, and outwardly at their ends for fitting in said sleeves, substantially as described.

Signed at New York, in the county of New York and State of New York, this 16th day of June, A. D. 1900.

PHILIP A. BECKER.

Witnesses:

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M. VAN NORTWICK.