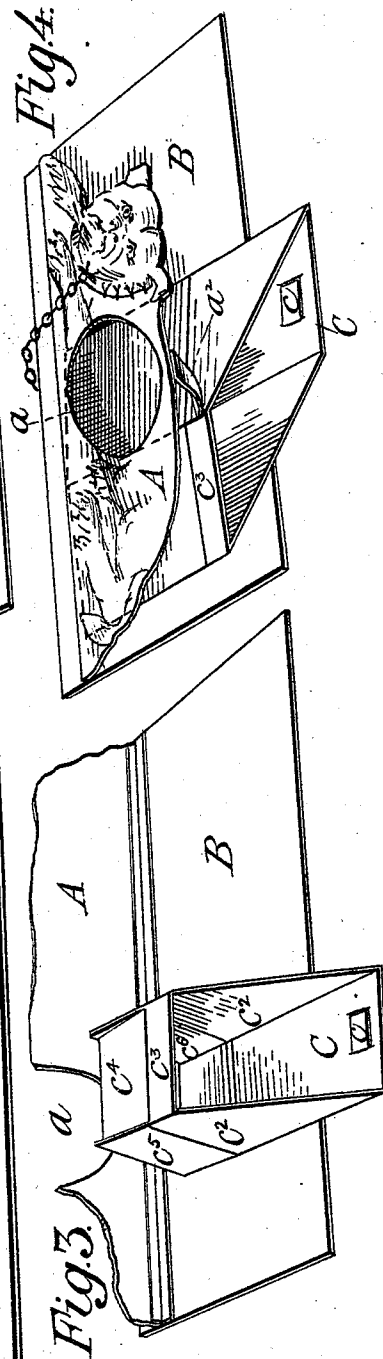
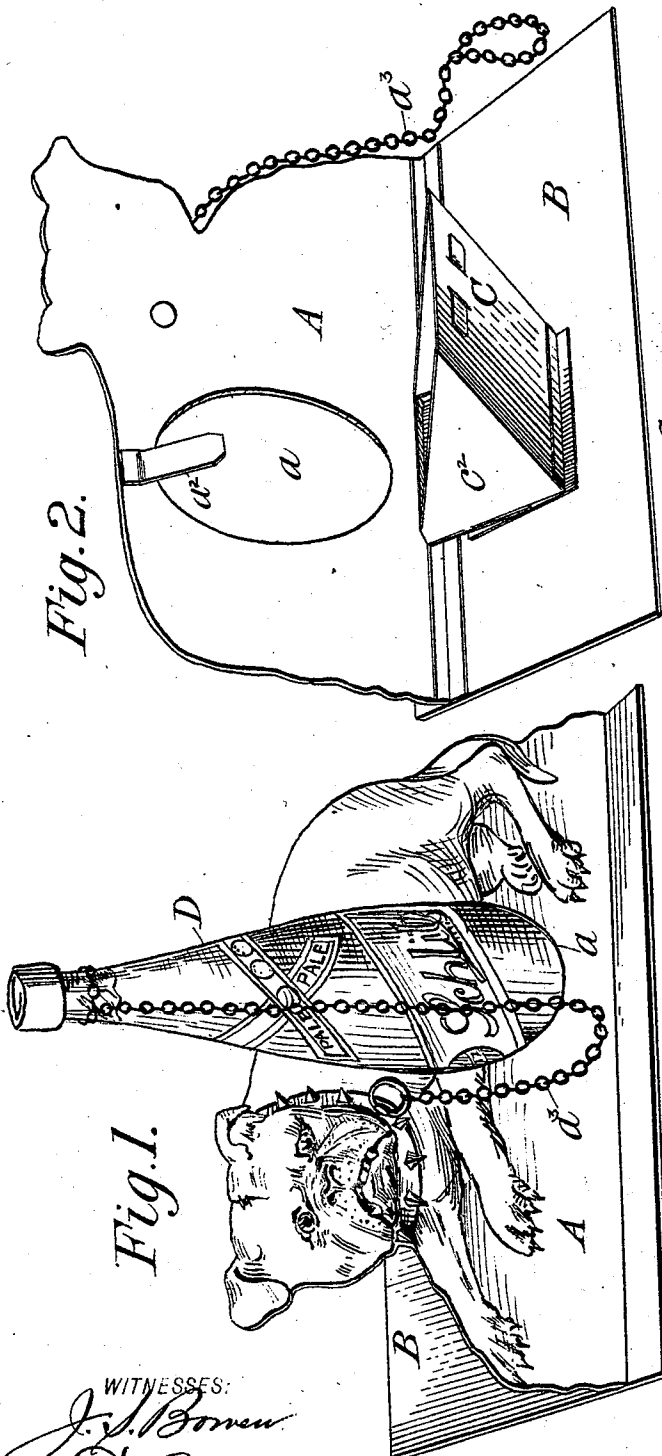


(No Model.)

A. VON COTZHAUSEN.
KNOCKDOWN DISPLAY DEVICE.

No. 529,603.

Patented Nov. 20, 1894.



WITNESSES:
J. A. Bowen
W. L. Perry

INVENTOR:
Alfred von Cotzhausen,
by
R. L. Dyrenforth,
HIS ATTORNEY.

UNITED STATES PATENT OFFICE.

ALFRED VON COTZHAUSEN, OF MILWAUKEE, WISCONSIN.

KNOCKDOWN DISPLAY DEVICE.

SPECIFICATION forming part of Letters Patent No. 529,603, dated November 20, 1894.

Application filed August 3, 1894. Serial No. 519,362. (No model.)

To all whom it may concern:

Be it known that I, ALFRED VON COTZHAUSEN, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Display Devices; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to knock-down display devices.

The object is to produce a display device which shall be capable of occupying cubic space for the purpose of exhibiting objects, such as bottles or other packages, in an erect position, and still be capable of being laid flat for purpose of shipment.

With this object in view, the invention resides in a knock-down display device, consisting of a base, a perforated front or stander, that is, a standard hinged or flexibly attached thereto at its lower edge, and a back hinged or flexibly attached to the base or the stander; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander hinged or flexibly attached thereto at its lower edge, and a back hinged or flexibly attached to the base or the stander, the back being provided with means, in connection with the stander, for connecting or disconnecting the two when the back is hinged to the base, or with means for connecting or disconnecting it with the base, when it is hinged or flexibly attached to the stander; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander, hinged or flexibly attached at its lower edge thereto, and a back hinged or flexibly attached to the base or the stander, the stander having fixed to it a chain or other form of fastening, capable of attachment to the object to be displayed; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander, hinged or flexibly attached thereto at its lower edge, a frame or box in the rear of the stander having a back hinged or flexibly attached to the base or the stander, sides beveled upward at their edges and hinged or flexibly attached to the back, and a connecting-piece hinged or

flexibly attached to the lower front edges of the sides; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander hinged or flexibly attached thereto at its lower edge, a frame or box in the rear of the stander having a back hinged or flexibly attached to the base or the stander, sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the lower front edges of the sides, and a flap extending from and flexibly attached to the lower edge of the connecting-piece, forming a bottom to the box when the same is upright in position; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander hinged or flexibly attached thereto at its lower edge, a frame or box in the rear of the stander having a back hinged or flexibly attached to the base or the stander, sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the lower edges of the sides, and flaps extending from and flexibly attached to the lower edge or edges of one or both of the sides, forming a bottom to the box when the same is upright in position; furthermore, in a knock-down display device, consisting of a base, a perforated front or stander hinged or flexibly attached thereto at its lower edge, a frame or box in the rear of the stander having a back hinged or flexibly attached to the base of the stander, sides beveled upward at their edges and hinged or flexibly attached to the lower edges of the sides, and flaps extending from and flexibly attached to the lower edges of the connecting-piece and the sides, forming a bottom to the box when the same is upright in position; and finally, the invention resides in a knock-down display device, consisting of a base, a perforated front or stander, hinged or flexibly attached thereto at its lower edge and having a lug at its upper rear part, a frame or box in the rear of the stander having a back hinged or flexibly attached to the base and provided with a loop or slot at its upper front part, sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the front edges of the sides, and flaps extending from the lower edges of

the connecting-piece and the sides, the lug on the stander to take into the loop or slot in the back to hold stander and frame together.

In the accompanying drawings, forming part of this specification, and in which like letters of reference indicate corresponding parts, although the invention may be embodied in various forms and styles, I exhibit one form of embodiment, in which—

Figure 1—is a view in front perspective, showing the perforated stander, that is, a stander fenestrated or having an aperture, and provided with a chain; also, showing, a base to which the stander is hinged, there being a bottle, for display, in the aperture, guarded and held by attachment to it of the chain. Fig. 2—is a view in rear perspective, showing the stander fenestrated, provided with a chain and with a lug; the base to which the stander is hinged, and the box or frame, the stander and box being slightly separated so that they are disconnected, and the box or frame being slightly tilted backward, showing its back hinged to the base, and displaying its sides and bottom. Fig. 3—is another view in rear perspective, with a portion of the stander broken away to save space, showing the portion of the stander, and the base, the stander being hinged to the base; showing, also, the box or frame, this being tilted to its full extent backward; there appearing the back provided with the loop, the sides, flexibly connected to the back, the connecting-piece flexibly connected to the sides, and flaps extending from the edges of the sides and connecting-piece flexibly connected to these and capable of being turned inward to form a bottom to the box; and Fig. 4—is a view in top perspective, showing the stander in process of being turned down flat against the base, and the back tilted to its full extent backward, and the sides turned sidewise on their flexible connections with the back carrying down with them the connecting-piece flexibly connected with their lower edges.

In the drawings, A represents a stander which may be of any suitable shape, style, or configuration, the stander being provided with a perforation or aperture, a , a lug, a^2 , and a chain or other suitable fastening, a^3 . The stander is hinged at its lower edge to a base, B. Hinged upon or flexibly connected with the base, in a manner to turn toward or away from the stander, is a back-piece, C, and this back-piece is provided with a loop, c . Hinged to or flexibly connected with the side-edges of the back-piece, are sides, c^2 , in the general form of a right-angled triangle, with the right-angle formed by an edge of the back and the base of a side, while hinged to or flexibly connected with the lower front edges of the sides is a connecting-piece, c^3 , and, hinged to or flexibly connected with the lower edges of the connecting-piece and the sides, are flaps, c^4 , c^5 , c^6 . There may be a flap from the lower edge of the back, fixed on the base.

A bottle, or other suitable object, D, will be entered through the aperture in the stander, as will be understood from the statement of the operation of the device, and, where flaps are employed, resting on one or more of these, holds the frame firmly in upright position.

The operation is as follows: The box or frame being flattened upon the base, between this and the flat-lying stander, as shown in Fig. 4, the stander is raised and the sides of the box or frame are turned to assume a right-angle with the back, as shown in Fig. 3, where they are nearly up to this position. Thereupon, the flaps, beginning, say, with the flap, c^4 , are turned to a right-angle with the lower edges of the connecting-piece and sides, respectively, forming a bottom to the box, and the back is then tilted upward toward the stander to and beyond the position shown in Fig. 2. The lug on the stander is then entered into the loop on the back, and the device is then ready to receive the article to be displayed. Thereupon, some appropriate article, say, a bottle containing some favorite beer or perfumery, is entered through the perforation into the box, and is made fast to the stander by means of the chain, so that it cannot readily be taken away.

To take the device down, for shipment or storage, the bottle is removed, the stander is raised, pulling the lug out of the loop, the back is turned down upon the base, the flaps are extended from the bottom, the sides are turned down flat upon the back and the base, respectively, carrying the connecting-piece and flaps with them, and the stander is then laid down.

It is to be understood that, instead of hinging or flexibly connecting the back to the base, it may be similarly connected with the stander, leaving the base free to be turned flat against the stander, and then to be laid flat with it upon the base. In this case, there might be means, such as a lug and loop, for fastening back and base together. It is also to be understood that the sides and connecting-piece may be dispensed with; that, even where these are employed, the flaps may be dispensed with, and that only one or two flaps may be employed.

The device may be in any proper design or style, as that the perforated stander may form one side of a miniature dog kennel, with the dog on top of the kennel, or be otherwise.

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

1. A knock-down display device, comprising a base, a standard, provided with a perforation adapted to receive an object for display, and hinged or flexibly attached to the base at its lower edge, and a hinged or flexibly attached back, substantially as described.

2. A knock-down display device comprising a base, a standard, provided with a perforation adapted to receive an object for display, and hinged or flexibly attached to the

base at its lower edge, and a hinged or flexibly attached back, the back being provided with means for holding it in proper upright position in relation to the standard, substantially as set forth.

3. A knock-down display device, comprising a base, a standard, provided with a perforation adapted to receive an object for display, and hinged or flexibly attached to the base at its lower edge, and a hinged or flexibly attached back, the standard having fixed to it a fastening capable of attachment to the object to be displayed, substantially as described.

4. A knock-down display device, comprising a base, a perforated standard hinged or flexibly attached thereto at its lower edge, and a frame or box in the rear of the standard consisting of a back hinged or flexibly attached to the base or the standard, sides beveled upward at their edges and hinged or flexibly attached to the back, and a connecting-piece hinged or flexibly attached to the lower front edges of the sides, substantially as described.

5. A knock-down display device, comprising a base, a perforated standard hinged or flexibly attached thereto at its lower edge, a frame or box in the rear having a hinged or flexibly attached back, sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the lower front edges of the sides, and a flap extending from and flexibly attached to the lower edge of the connecting-piece, forming a bottom to the box when the same is in upright position, substantially as described.

6. A knock-down display device, comprising a base, a perforated standard flexibly attached to the base, a frame or box in the rear

having a hinged back, sides beveled upward at their edges and flexibly attached to the back, a connecting-piece flexibly attached to the sides, and flaps extending from and flexibly attached to a side, forming a bottom to the box when the same is upright in position, substantially as described.

7. A knock-down display device consisting of a base, a perforated standard flexibly attached thereto, a frame or box in the rear, having a hinged or flexibly attached back and sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the front edges of the sides, and flaps extending from and attached to the lower edges of the connecting-piece and the sides, forming a bottom to the box when the same is upright in position, substantially as described.

8. A knock-down display device consisting of a base, a perforated standard hinged or flexibly attached thereto at its lower edge, and having a lug at its upper rear part, a frame or box upon the standard having a back hinged or flexibly attached to the base and provided with a loop or slot at its upper front part, sides beveled upward at their edges and hinged or flexibly attached to the back, a connecting-piece hinged or flexibly attached to the front edges of the sides, and flaps extending from the lower edges of the connecting-piece and the sides, the lug on the standard to take into the loop or slot in the back to hold standard and frame together, all substantially as described.

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

ALFRED VON COTZHAUSEN.

Witnesses:

R. G. DYRENFORTH,
E. H. PARRY.