(No Model.)

W. STANDING & A. J. HOENNY.

ADJUSTABLE DISPLAY FRAME.

No. 439,439. Patented Oct. 28, 1890.

Fig. 3

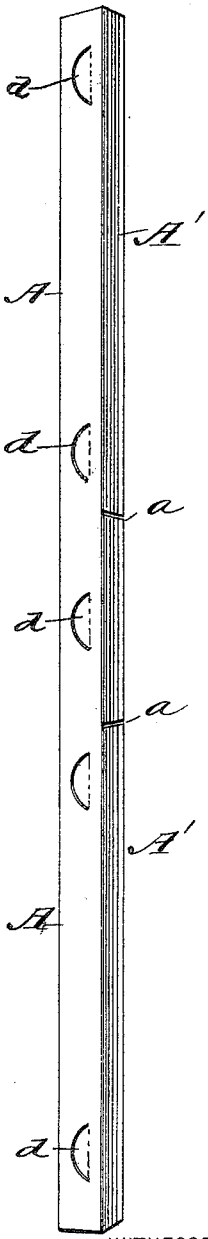


Fig. 1

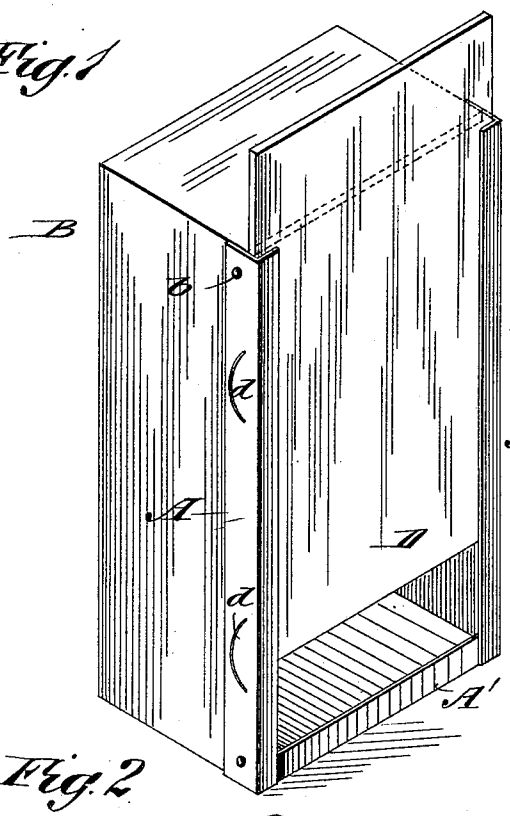


Fig. 4

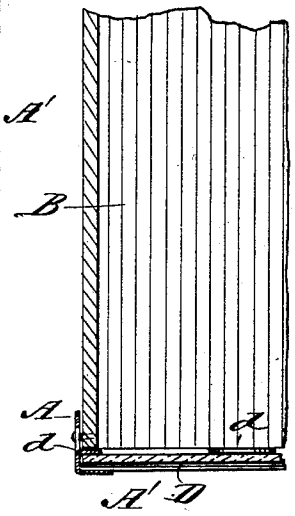
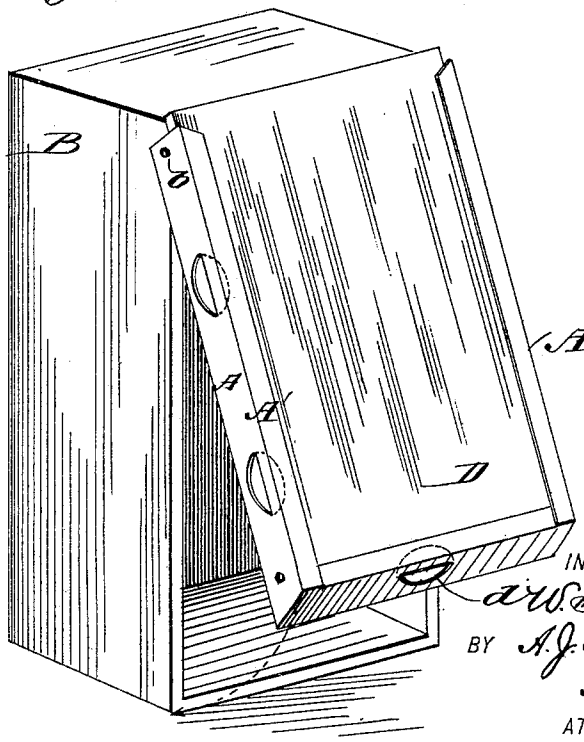


Fig. 2



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UNITED STATES PATENT OFFICE.

WILLIAM STANDING AND ADOLPH J. HOENNY, OF ST. LOUIS, MISSOURI.

ADJUSTABLE DISPLAY-FRAME.

SPECIFICATION forming part of Letters Patent No. 439,439, dated October 28, 1890.

Application filed February 1, 1890. Serial No. 338,892. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM STANDING and ADOLPH J. HOENNY, of St. Louis, State of Missouri, have invented a new and Improved Adjustable Display-Frame, of which the following is a full, clear, and exact description.

Our invention relates to improvements in adjustable display-frames that may be attached to various-sized boxes of merchandise to protect and display the goods therein; and the object of our invention is to provide a cheap and simple, but convenient, durable, and efficient device that may be attached to boxes of merchandise of various sizes, so as to protect the goods from dust and from excessive handling and at the same time expose them to view.

To this end our invention consists in certain features of construction and combination of parts, that will be hereinafter fully described, and specifically pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the device applied to a box, with the glass partially raised in the display-frame; Fig. 2, a perspective view showing the display-frame and glass swung outwardly to afford means of reaching the interior of the box; Fig. 3, a detail view of the display-strip before being bent and applied to a box; and Fig. 4 a broken horizontal section of the display-frame and glass as applied to a box, the section being taken through a glass-supporting ear of the frame.

The frame of the device consists of a long angular strip, made, preferably, of sheet metal and formed into two longitudinal flanges A and A′, which stand at right angles to each other. The flange A is wider than the flange A′, and is intended to overlap and rest against the side of a box B when the frame is formed and attached thereto, and the narrower flange A′ is intended to overlap the front or open side of the box and rest against and support a glass, as hereinafter described. The cover or side of a box, as B, being removed, transverse cuts *a* are made in one of the flanges of the frame A A′ at points corresponding with the lower corners of the box, and the formed frame is attached thereto. The frame is bent at the cuts *a* to conform to the shape of the box B, thus forming a three-sided frame consisting of two arms connected at the bottom by a cross-piece. The distance between the transverse cuts *a* should correspond to the width of the box B, so that when the frame is bent it will fit nicely thereon. The ends of the frame are attached to the upper front corners of the box by means of screws or nails *b*, which act as pivots upon which the frame may swing. The flange A of the frame is provided at frequent intervals with semicircular incisions, so that the metal thus cut away may be pressed inwardly, forming ears *d*, which hold a suitable glass D in position against the front flange A′. The ears *d* may be made in any other convenient shape, and instead of being pressed from the flange A they may be made of metal and soldered thereto. The ears *d* being pressed inwardly, as described, a recess will thus be formed between the ears and the flange A′, in which the glass D will be longitudinally movable. The glass D should be of the same size as the front of the box B, so as to fill the frame A A′ and rest firmly therein. The frame A A′ may be made long enough to fit a fair-sized box, and if a smaller box is used the frame may be shortened to suit it. It will thus be seen that the frame may be easily fitted to any ordinary box, and it may be made sufficiently strong by soldering or riveting the corners at the points where the frame is bent.

The goods in the box B may be easily gotten at by swinging the frame and glass outwardly, as shown in Fig. 2, or by lifting the glass, as shown in Fig, 1. The frame being easily applied to a box, it may be properly affixed thereto when the box is originally filled with goods and shipped with the box to its destination, so that the trader who has bought the goods by removing the cover and inserting a glass will have a device ready for use.

It is evident that the device may be applied to nearly all classes of goods, and that the frame may be easily fitted to any ordinary box. It will be seen, too, that the frame may be rigidly attached to the box and the interior of the box reached by raising the glass.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination, with a box, of an angular frame pivoted thereto and overlapping the edges thereof, said frame being formed of a single piece and having inwardly-projecting ears formed thereon, and a glass movable vertically in the frame and fitting between said ears and the box, substantially as described.

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