No. 693,736. Patented Feb. 18, 1902.

# P. OLSEN.

## FASTENER FOR GLASS SHOW CASES.

(Application filed Nov. 14, 1901.)

(No Model.)

FIG. 1.

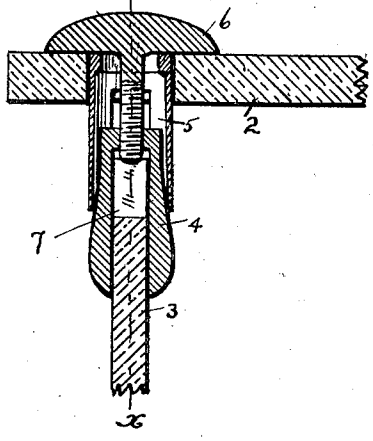



FIG. 2.

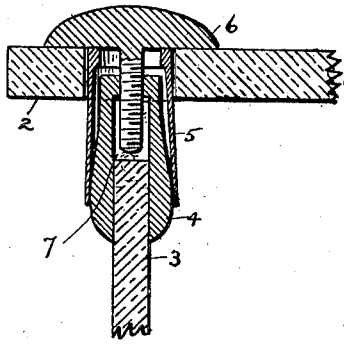



FIG. 3.

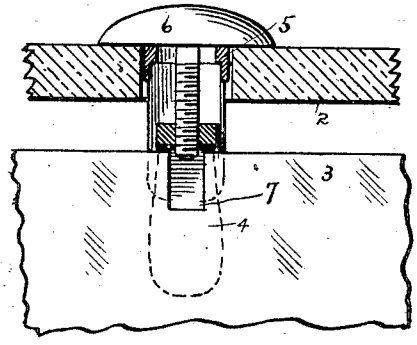



FIG. 4.

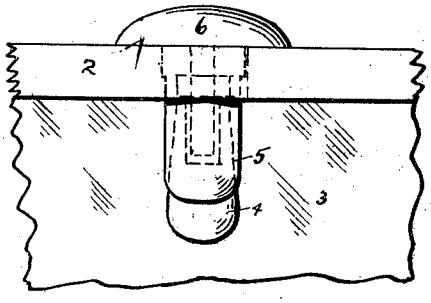



FIG. 5.

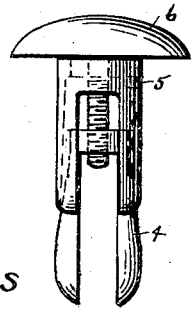
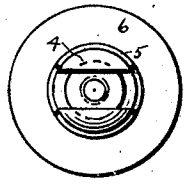



FIG. 6.




WITNESSES

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# UNITED STATES PATENT OFFICE.

PEDER OLSEN, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR OF ONE-HALF TO PAUL M. HOFSTAD, OF MINNEAPOLIS, MINNESOTA.

## FASTENER FOR GLASS SHOW-CASES.

SPECIFICATION forming part of Letters Patent No. 693,736, dated February 18, 1902.

Application filed November 14, 1901. Serial No. 82,297. (No model.)

*To all whom it may concern:*

Be it known that I, PEDER OLSEN, a citizen of the United States of America, residing in the city of Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Fasteners for Glass Show-Cases, of which the following is a specification.

My invention relates to improvements in the construction of show-cases, in which the side, end, and top panels or plates are composed of glass, especially of plate-glass, and more particularly to simple, cheap, and efficient means by which the side or end plates or panels may be held and supported in conjunction with the top plate.

My object is to provide a simple, cheap, and durable fastener; and to this end my invention consists in a fastener composed of a clamping-section, a binder-section, and a button or headed section having a threaded shank adapted to pass through said binding-section and operating in a threaded bearing in said clamping-section adapted to draw said clamping-section up into said binding-section, thereby firmly gripping the end or side plate or panel inserted between said gripping or clamping section and holding the same firmly in place.

To these ends my invention consists in the construction and combinations of parts hereinafter described, and particularly pointed out in the claims, and will be more readily understood by reference to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a sectional view of one of my fasteners in connection with the top plate and end or side panel. Fig. 2 is a sectional view thereof on the line X X of Fig. 1. Fig. 3 shows the fastener as the same appears before the button is screwed up to draw the retaining or clamping section tight. Fig. 4 is a view of the same after the button has been tightened and the clamping-section drawn up into its position for retaining the top and side plates together. Fig. 5 is a perspective view of the fastener. Fig. 6 is a bottom view of the fastener.

As shown in the drawings, 2 represents the top plate, and 3 the side or end plate or panel. 4 represents the clamping-section, which, as shown, is in the form of a yoke, with the outer surfaces of the prongs flared.

5 represents the binding-section, which, as shown, is also in the form of a yoke and is adapted to receive the clamping-section 4, though it will be noted that as the latter is drawn up into it, as hereinafter described, the flaring sides of the yoke 4 bind in the yoke 5, compressing the prongs of the yoke 4 tightly against the panel or plate inserted therebetween. The head of the yoke 5 has an opening coinciding with a similar threaded opening in the head of the yoke 4, and through these the threaded shank of the button 6 is adapted to work. In practice the glass panel is notched, as shown at 7, and the end of the shank of the button extends into this notch when the fastener has been clamped into the position shown in Fig. 4.

This fastener is designed particularly for use on long plate-glass show-cases in which it is necessary to provide secure supports for the top edges of the end and side panels or plates, and it is seen that by the use of my device any working of the side or end panels is prevented.

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

1. In a show-case, the combination, with the side or end panel, of a top plate, said top plate provided with an opening adapted to receive a retainer, a binding-section adapted to be inserted through said opening and to receive the edge of said end or side panel, a clamping section or yoke adapted to be passed through said opening in said top plate and to receive said binding-section, the head of said clamping-section provided with an opening, a threaded opening in said first-named section coinciding with said opening in the clamping-section, and a retainer or button provided with a shank adapted to be passed through said opening in said clamping-section and screwed into said threaded opening in said binding-section, whereby as said button is turned said shank is screwed into said threaded opening, drawing said binding-section up into said clamping-section, said retainer or button provided with a flaring head adapted

to form a bearing on said top plate at the sides of the opening therethrough, substantially as described.

2. The combination, with a section or yoke 4, having a threaded opening in its head, of a yoke 5 adapted to receive the same, and a button having a shank threaded and adapted to pass through an opening in said yoke 5 and be screwed up into said opening of the yoke 4, substantially as described.

3. The combination, with a yoke 4 provided with a threaded bearing in its head and having flaring sides, of a yoke 5 adapted to receive said yoke 4 and to compress the same therein, said yoke 5 also provided with an opening in its head coinciding with said opening in the yoke 4, and a button having a threaded shank adapted to operate in said openings or bearings in said yokes, substantially as described.

In testimony whereof witness my hand, at the city of Minneapolis, in the county of Hennepin and State of Minnesota, this 9th day of February, A. D. 1901.

PEDER OLSEN.

In presence of—
FREDERICK S. LYON,
PAUL M. HOFSTAD.