To all whom it may concern:

Be it known that I, Enoch Ohnstrand, of Syracuse, in the county of Onondaga and State of New York, have invented a certain new and useful Glass Shelf for Cases, of which the following is a specification.

This invention relates to shelves formed of a slab of glass or other brittle material supported by a marginal frame, and has for its object a particularly simple, strong and rigid frame for supporting the glass so that the glass is held from all bending movement, and the invention consists in the combinations and constructions hereinafter set forth and claimed.

In describing this invention reference is had to the accompanying drawing in which like characters designate corresponding parts in all the views.

Figure 1 is a sectional view, partly broken away, of one form of my invention, and Fig. 2 is an inverted plan thereof, partly broken away.

This shelf comprises, generally, a metallic marginal frame and a slab of brittle material, as glass, supported at its margins by the frame. The marginal frame is formed with a ledge 1, a truss flange 2 depending from the ledge 1, the frame being usually formed of sheet metal and being rectangular in form, and the sides and end members thereof being integrally united so that the entire frame is a unitary structure, and the side and end members and the truss flange are continuous. Usually the sides and ends are welded together at the corners in any suitable manner.

The slab 3 of glass or other brittle material is supported at its margins by the ledge, and the truss flange 2 usually depends from the inner edge of the ledge 1 and is set in from the edge of the margin of the slab 3 and arranged at a right angle thereto so as to rigidly support the slab.

The frame is formed with a channel 4 at its outer edge facing inwardly, the channel being formed by a flange 5 rising from the outer edge of the ledge 1 and having its margin 6 turned inwardly and overhang-

UNITED STATES PATENT OFFICE.

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GLASS SHELF FOR CASES.


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ing the upper face of the outer portion of the ledge 1, the margin 6 having an undercut edge, and a filler 7 of suitable material, as cement, is inserted between the margin of the slab 3 and the ledge 1, such filler 7 extending into the channel 4 and also between the edge of the slab 3 and the edge of the flange 5, as shown at 8, the upper face of the slab being flush with the upper face of the flange 5.

A shelf constructed as described is particularly strong and efficient and owing to the construction of the marginal frame and particularly the truss flange thereof, the slab of glass is held from any movement.

What I claim is:

1. A shelf comprising a metallic frame having a horizontally extending ledge, and a depending flange at the inner edge of said ledge, said frame also having a part overhanging the outer marginal portion of the upper face of the ledge, and a slab of glass or like brittle material having marginal portions extending over the remaining parts of the upper face of the ledge, the upper surface of said marginal part of the frame being substantially coextensive with the upper surface of said slab of glass, and a cementitious material interposed between said upper face of the ledge and said overhanging marginal part of the frame and marginal portions of the slab, respectively, substantially as and for the purpose specified.

2. A shelf comprising a metallic frame having a horizontally extending ledge, and a depending flange at the inner edge of the ledge, said frame also having a part overhanging the outer marginal portions of the upper face of the ledge and provided with an undercut edge, and a slab of brittle material having marginal portions extending over the remaining parts of the upper face of the ledge and having its edges arranged in close juxtaposition to said undercut edge of said overhanging part of the frame and having its upper face disposed in substantially the plane of the upper face of said overhanging part of the frame, and a cen-

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entitious medium interposed between the slab and the horizontally extending ledge, said overhanging part and said undercut edge of the frame, substantially as and for the purpose set forth.

In testimony whereof, I have hereunto signed my name in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 14th day of February 1911.

ENOCH OHNSTRAND.

Witnesses:
Geo. G. Norris,
E. W. Edwards, 2nd.