July 28, 1931. E. D. PHINNEY 1,816,342

CONTAINER FOR FIRE EXTINGUISHING APPARATUS

Filed Dec. 19, 1929

Fig. 1.

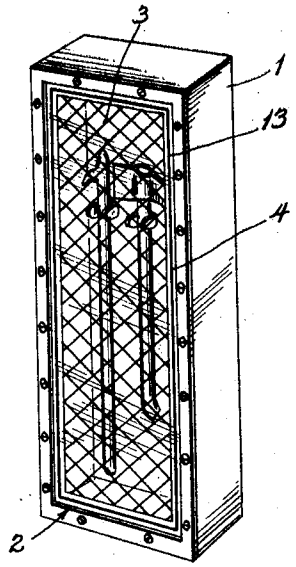
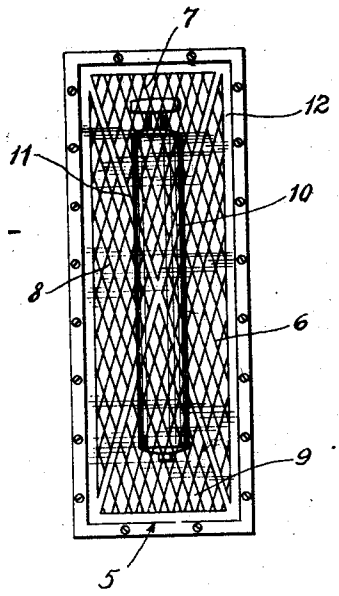


Fig. 2.



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CONTAINER FOR FIRE EXTINGUISHING APPARATUS

Application filed December 19, 1929. Serial No. 415,229.

This invention relates to display cabinets of the type having a frangible panel and adapted to contain and display fire extinguishers, tools, first aid or other emergency equipment.

It is an object of my invention to provide an improved form of breakable panel for such cabinets, so constructed as to lessen liability of injury to a person attempting to reach the fire extinguisher, or the like, after the panel is broken.

A further object of the invention is to provide an improved form of panel which will break out more cleanly thereby leaving an opening the full size of the original panel, so as to permit the use of a smaller panel.

In accordance with my invention I accomplish these objects by providing a breakable panel having one or more reinforced portions intermediate its edges, which are adapted to break out as a unit. The breaking action may be aided by weakening the glass panel at suitable places, either by grooving it or by imbedding in it an element on the line along which it is desired for the panel to break.

The above mentioned and other objects and advantages will be made clear in the following description and accompanying drawings.

In the drawings Fig. 1 illustrates a display cabinet for emergency equipment, embodying my invention.

Fig. 2 illustrates a container for a fire extinguisher embodying a modification of my invention.

Referring more particularly to the drawings, 1 indicates an emergency equipment display cabinet having one side thereof formed with a transparent frangible panel 2. This panel is made of ordinary glass and has a part 3 thereof which is suitably reinforced. This reinforced part may be made of glass having wire mesh embedded therein or may be made of glass sold under the trademark "Triplex". This part 3 is preferably similar to but slightly smaller than the opening in box 1. In this manner a part or line 4 is left between the edges of the reinforced part 3 and the side of the box 1. When the panel is broken the part 3 will break substantially cleanly around the part 4 and will fall out as a unit.

In Fig. 2 a modified form of panel is shown at 5. The reinforced parts consist of four sections 6, 7, 8 and 9. Together they form a part of the same shape and slightly smaller than the opening in the box 1. They are divided by diagonal lines 10 and 11 of clear glass, running from corner to corner of the box, and around their edges is a part 12 of clear glass after the manner of part 4 in Fig. 1. When this panel is broken the four parts will come out substantially cleanly along lines 10, 11 and 12 and leave an opening large enough so that the equipment displayed therein may be easily reached.

If desired the breaking of the glass along certain lines may be made more sure by imbedding a wire 13 in the glass along these lines as shown in Fig. 1. This wire may have a diameter not much less than the thickness of the glass in order to weaken it sufficiently.

I do not limit myself to the exact manner shown here of reinforcing certain portions of the panel but the scope of my invention will be fully set forth in the following claims.

What I claim is:

1. A container for fire extinguishers wherein one side is formed of a glass panel having reinforcing material in areas which together form an area similar in shape and slightly smaller than the said panel and which are divided one from the other by areas containing no reinforcing material.

2. A panel for fire extinguisher boxes formed of frangible material weakened along certain lines in order that the panel may break cleanly.

3. A panel for fire extinguisher boxes formed of frangible material having reinforcing material in certain parts in order that the said parts may break cleanly out of said panel.

4. A glass panel for fire extinguisher boxes reinforced in certain parts with wire mesh in order that when said panel is broken it may break along substantially regular lines.

In testimony whereof, I have signed my name to this specification this 18th day of December 1929.

EDWARD D. PHINNEY.