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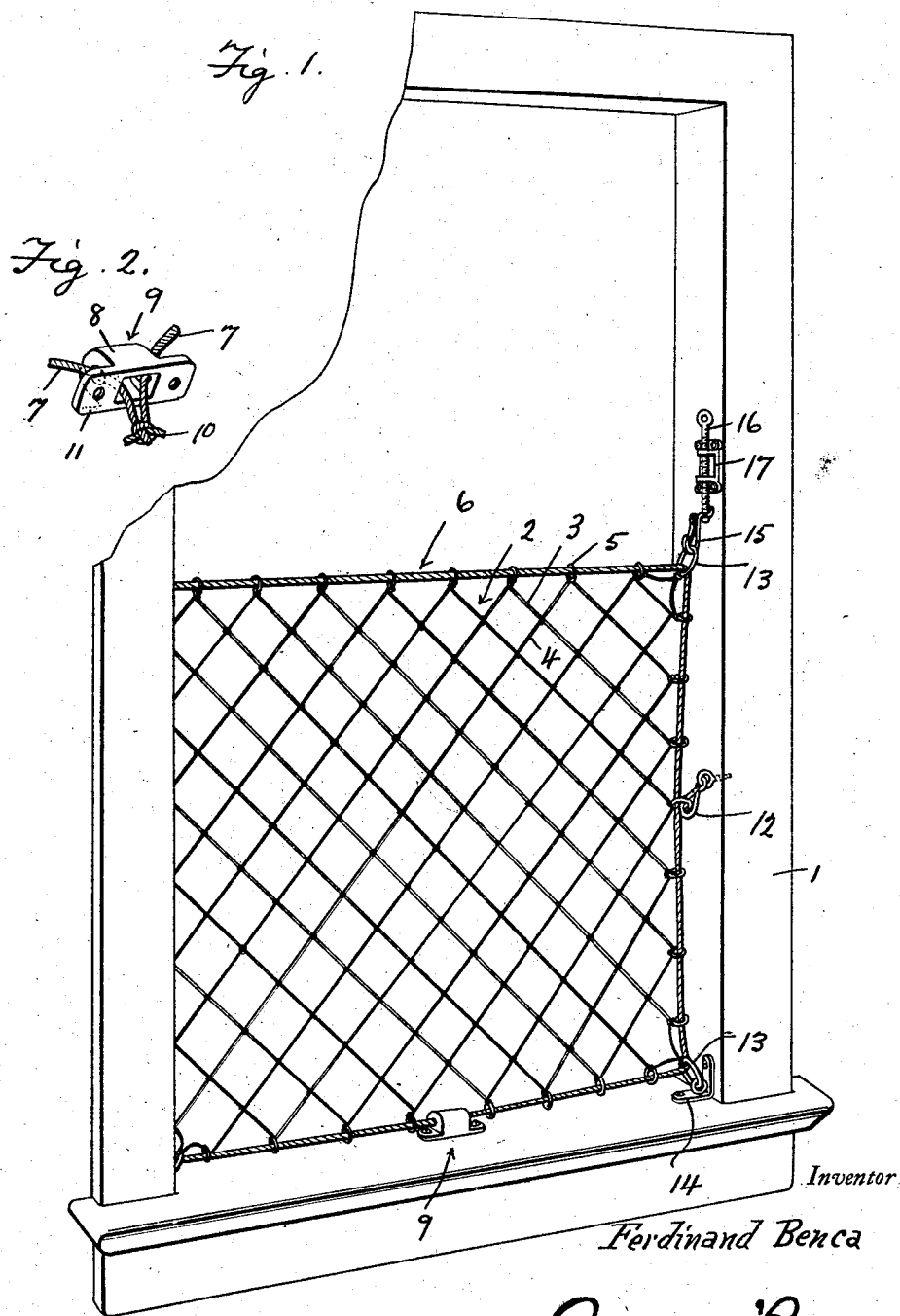
1,635,601

F. BENCA

WINDOW GUARD

Filed Nov. 18, 1926

2 Sheets-Sheet 1



By *Clarence A. O'Brien*
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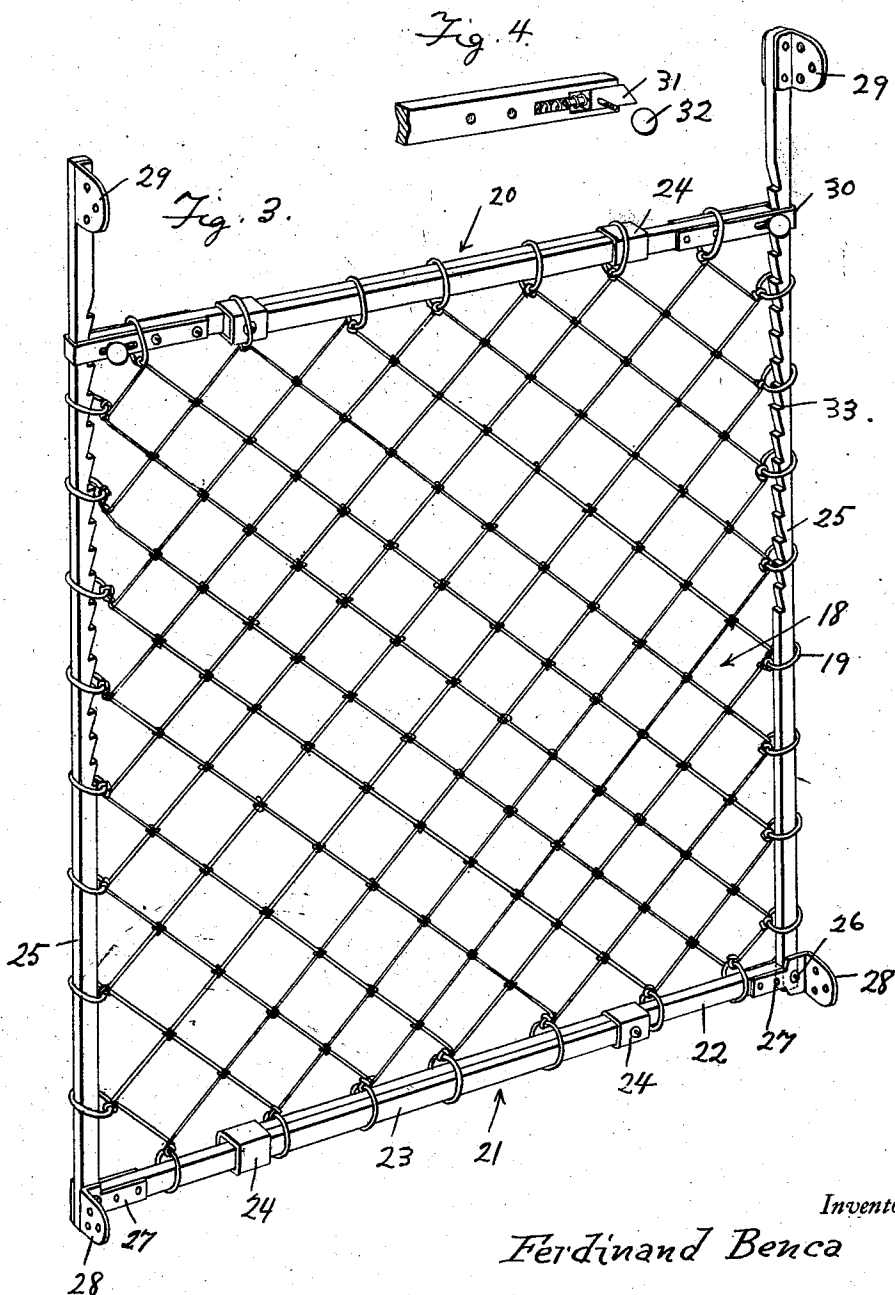
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UNITED STATES PATENT OFFICE.

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WINDOW GUARD.

Application filed November 18, 1926. Serial No. 149,177.

This invention relates to an improved structure such as may be referred to as a window guard, the same having more particular reference to a contrivance which is attached to the window frame in order to prevent small children from accidentally falling through the window.

As is well known accidents of this kind would not be prevented by the ordinary glass sash. Nor is the average screen employed sufficiently rigid to prevent such falling. Consequently, it is my primary aim to provide a reliable structure which comprises broadly, a stretched net and means for connecting it to the inner side of the window frame to serve the purpose specified. The particular structural features and advantages derived from their use will be readily apparent from the following description and drawings.

In the drawings:

Figure 1 is a perspective view of one embodiment of the invention showing the same supported in the window frame.

Fig. 2 is a perspective view of one of the details of this embodiment of the invention.

Fig. 3 is a perspective view of another form or embodiment of the invention.

Fig. 4 is a perspective view of one of the latch devices forming an important part of this embodiment.

Attention is first directed to Figs. 1 and 2 wherein the reference character 1 designates the window frame in which the improved contrivance is removably supported. The embodiment here shown comprises a net work of ropes generally designated by the reference character 2 and composed of intersecting strands 3 and 4 connected together in any convenient manner. This net work is provided with a plurality of small metal rings 5 slidably mounted on a margin forming rope 6 of a comparatively large diameter. The end portions of this rope 6 designated as at 7 pass through openings in the ends of a rounded casing 8 forming a part of a special anchoring fixture 9. They are brought together and tied into a knot as at 10. Then the fixture is fastened through the medium of the apertured ears 11 to the window sill as represented in Fig. 1. If desired, a snap hook 12 may be mounted to secure the intermediate portion of the device in place as shown. The device is provided at its four corners with relatively large rings 13 the lower pair of which are

connected with angle brackets 14 fastened in the window frame as shown. The upper pair of rings are connected with snap hooks 15 carried by adjustable swivel mounting bolts 16 supported on the U-shaped brackets 17.

Directing attention now to Figs. 3 and 4, it will be seen that the embodiment of the invention represented here also comprises a net of ropes represented by the reference character 18, this having marginal supporting rings 19. A special metal frame is here substituted for the rope 6 and as it is desirable to make this claim as compact as possible, it is made in sections such as may be folded together into a comparatively compact package for convenient storage and tipping. The frame comprises top and bottom bars 20 and 21 each of which comprises sections 22 and 23 connected together in telescopic relation by sleeves 24. These adjustable bars are connected at their opposite ends to vertical bars 25 having ratchet teeth formed on their inner longitudinal edges adjacent the top. In this connection it will be noted that the lower bar member 21 is fastened by removable screws 26 and brackets 27 to the vertical bars 25. The brackets 27 are provided with outstanding apertured fastening ears 28 to be secured to the window frame. Similarly constructed brackets including ears 29 are carried by the upper ends of the vertical bar members 25. U-shaped straps 30 are connected to the ends of the bar member 20 and in this connection it will be noticed that spring pressed latch blocks 31 are associated with these strap members and include operating knobs 32. Each latch block has a doubled end constructed to engage the teeth 33 on the vertical bar members 25. Thus the bar member 21 is rigid while the bar member 20 is adjustable vertically and held in place by the latch and ratchet teeth construction.

From the description and drawings it will be seen that in the form of the invention shown and described in Figs. 3 and 4 the net may be stretched very tightly and be firmly attached to the window frame to guard against accidental displacement and to thereby render the device successful. Moreover, the net may be moved down by simply moving the top bar 20 downwardly after disengaging the latches. In fact the entire structure here shown can be disassembled and the parts arranged in a com-

compact package for convenient storage and shipment.

It is believed that by carefully considering the description in connection with the drawings a clear understanding of the invention will be had. Therefore, a more lengthy description is thought unnecessary.

I claim:

1. In a structure of the class described, a rope net work including marginal rings, a marginal retaining rope upon which said rings are slidably mounted, a special fixture adapted to be secured upon the window frame, said fixture including a casing having end openings, the ends of said marginal rope being disconnected and passing through said opening into the interior of the casing and being tied together, and additional means for removably connecting said marginal rope with a window frame.

2. In a structure of the class described, a net formed from interconnected intersecting ropes having a multiplicity of marginal rings, a marginal supporting and retaining rope upon which said rings are slidably mounted, the ends of said marginal rope being separated, a special anchoring fixture comprising a casing open on one side and provided in its sides with rope holes, apertured ears carried by said ends and adapted to be fastened on a window frame, the ends of said marginal rope passing through said

holes into the interior of the casing and being tied together in a knot, a plurality of relatively large supporting rings carried by said marginal rope, and a plurality of separate retaining devices adapted to be fastened upon the window frame to permit said large ring to be connected therewith.

3. In a structure of the class described, a net formed from interconnected intersecting ropes having a multiplicity of marginal rings, a marginal supporting and retaining rope upon which said rings are slidably mounted, the ends of said marginal rope being separated, a special anchoring fixture comprising a casing open on one side and provided in its sides with rope holes, apertured ears carried by said ends and adapted to be fastened on a window frame, the ends of said marginal rope passing through said holes into the interior of the casing and being tied together in a knot, a plurality of relatively large supporting rings carried by said marginal rope, and a plurality of separate retaining devices adapted to be fastened upon the window frame to permit said large ring to be connected therewith, said retaining devices comprising a pair of angle brackets, and a pair of adjustable snap fasteners.

In testimony whereof I affix my signature.

FERDINAND BENCA.