

April 12, 1932.

L. P. SHIELD

1,853,582

STORE FRONT

Filed May 14, 1930

Fig. 1

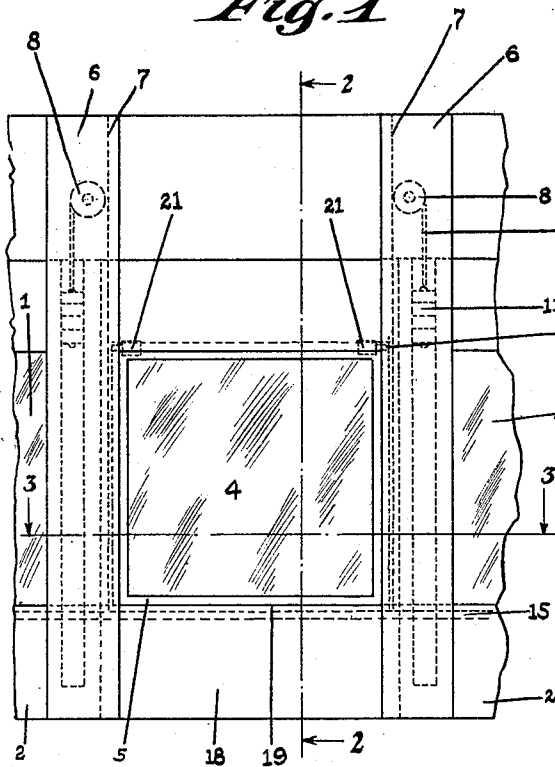


Fig. 2

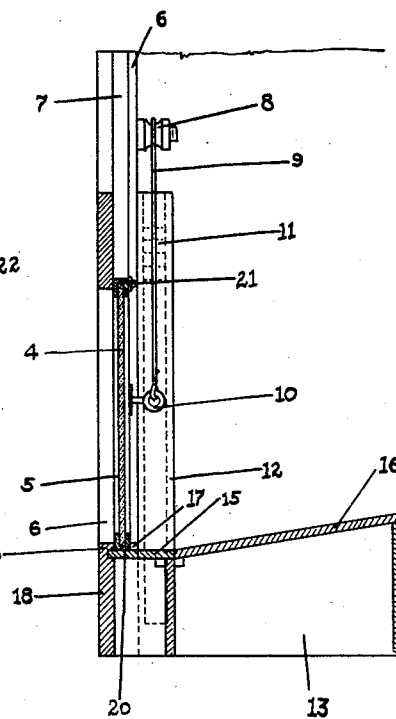
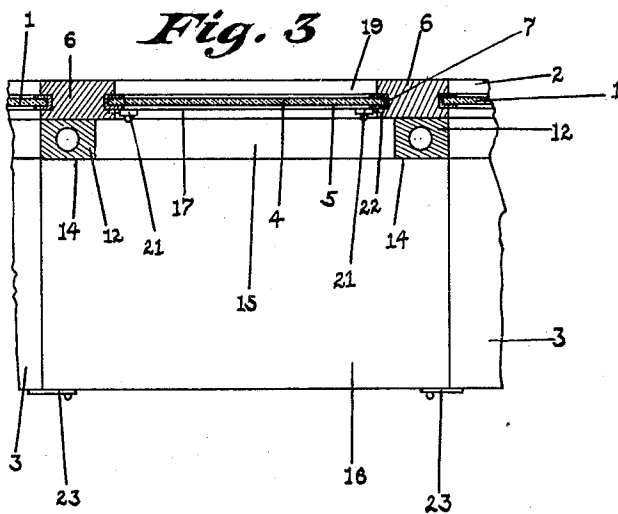


Fig. 3



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STORE FRONT

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This invention relates to improvements in store fronts and consists of a combined stand and window for display purposes which serve also as a closure for the store entrance.

5 The objects of my invention are to provide an uninterrupted front available for display purposes when the store is not open for business, to provide at the same time a simple and effective means for closing the store entrance and to eliminate the necessity for doors of the ordinary type which often mar the appearance and obstruct the entrance.

10 During business hours the display stand may be concealed below the floor, raised above the ceiling or placed in position for use at such times at a point near the store entrance. The window, during business hours, may be concealed below the floor or raised above the ceiling or to a position near the ceiling where it is removed from the view of the casual observer. It will be seen, there-
 20 for, that this arrangement provides an unobstructed entrance to the store.

25 When the store is closed the window is raised from below the floor or lowered from the ceiling to a vertical position in alignment with the fixed windows on one or both sides of the entrance and partially or completely closes the entrance.

30 The display stand is also raised from below the floor, lowered from the ceiling or, if in use on the floor, moved forward to a position immediately behind the window. It will be seen that this arrangement provides the store with a front of uninterrupted windows and a continuous line of display stands while at the same time the entrance is effectively and completely sealed.

35 As will become apparent from the following description when read in connection with the accompanying drawings, the invention embodies features of practical value, such as the greater space provided for the display of merchandise and the saving in useful floor space which would be wasted if occupied by opened doors of the ordinary type.

In the accompanying drawings:

50 Fig. 1 is a front elevation of a portion of the store front with the entrance closed;

Fig. 2 is a cross section of the closed entrance on the line 2—2 of Fig. 1; and

Fig. 3 is a cross sectional top plan showing the closed entrance on the line 3—3 of Fig. 1.

Referring to the drawings in detail, the numerals 1 indicate the usual fixed or permanent windows on each side of the store entrance. The numerals 2 indicate the strips of imitation marble or other suitable material which form the bases of the said permanent windows. The store is provided with semi-permanent display stands 3 adjacent the rear of the permanent windows 1, said stands being capable of removal but ordinarily in the position described. The movable window is indicated by the numeral 4, said window being mounted in a frame 5 of any suitable material, preferably of metal. The window 4 is arranged between the window posts 6 which are provided with grooves or slots 7 in which the frame 5 is adapted to slide, the said grooves extending substantially throughout the length of said posts.

The window 4 is adapted to be raised or lowered by any suitable means such as pulleys 8 mounted above and at each side of the window and chains or ropes 9 operating in conjunction with said pulleys, each of said chains or ropes being removably attached at one end thereof to the frame 5 in any suitable manner as at 10, and having counterweights 11 attached at the other ends thereof. The said counterweights are enclosed in housings 12 arranged at the rear of the window posts 6. The window 4, when lowered, serves, in combination with the display stand 13, hereinafter described, to close and lock the store entrance.

The display stand 13 may be mounted on rollers or casters or may be provided with any other suitable means by which it may be moved from one position to another. The shoulders 14 of the said stand are adapted to engage with the housings 12. The said stand is provided with a small horizontal top surface 15 and a relatively larger surface 16 inclining upwardly to the rear for the display of merchandise. The horizontal surface 15 is provided with a rear window retaining strip 17. The vertical front surface of the

said stand is faced with imitation marble or other suitable material to form a base strip 18 matching in appearance the bases 2 of the permanent windows 1. The upper portion 5 of the base strip 18 projects above the horizontal surface 15 to form a front window retaining strip 19, the retaining strips 17 and 19 thus forming a groove 20 in which the frame 5 is seated when the window 4 is lowered. 10 The said groove 20 may also be formed in the surface of the horizontal portion 15 to act as an auxiliary to the retaining strips 17 and 19. The base strip 18 may also be secured by any suitable means to the lower portion 15 of the frame 5, thus converting the window 4 and the base strip 18 into a single unit to serve as a complete closure for the entrance.

The window 4 is provided with any number 20 of slidable bolts 21 conveniently arranged on the rear of the frame 5 and adapted to engage in corresponding recesses 22 in the window posts 6. When lowered, the said window is thus securely locked from the interior of the store by means of said bolts 21 and 25 the retaining strips 17 and 19, the lower portion of the store entrance being blocked by the base strip 18.

When the store entrance is closed, the display stand 13 is arranged between the stands 30 3 and a single uninterrupted stand is thus provided which extends the entire length of the store front. Forward movement of the stand 13 is prevented by engagement of the 35 shoulders 14 with the housings 12. To prevent rearward movement, the said stand is secured to the window posts 6 by means of slidable bolts affixed to the said stand and adapted to engage in corresponding recesses 40 in said posts. The stand 13 is similarly secured to the stands 3 by any convenient means such as slidable bolts 23, or by any other convenient means, at the rear of said stands, thus providing an auxiliary means of preventing rearward movement of the stand 13.

A hydraulic hoist may be employed to raise and lower the window 4 or it may be operated manually or by any other convenient means.

50 The drawings and specification illustrate and describe this invention as adapted to a store having its entrance located in the center with a permanent display window on each side but it will be understood that the invention can readily be adapted to stores of the 55 type having a single window and adjacent entrance on one side thereof.

It is to be understood that the invention is not to be considered as limited to the preferred form as described and as shown in the 60 accompanying drawings, the construction of the display stand as a collapsible member, of the said stand and window as a single unit or the raising or lowering of the stand or 65 window or both to a position above or below

the entrance or any other modifications of the invention may be accomplished without departing from the scope of the appended claims.

I claim:

1. A closure for a store entrance consisting of a laterally removable display member and an independent vertically removable window member co-operable with said display member. 70

2. The combination with a store front of a movable window and an independent movable display stand adapted to be moved into and out of co-operative engagement with each other and with said store front. 75

3. In combination with a store front having an opening for ingress and egress, means for closing said opening comprising a display unit capable of being moved to partially close said opening and an independent movable window unit adapted to co-act with said display unit to complete the closure. 80

4. In combination with a store front having an opening for ingress and egress, means for closing said opening comprising a movable display unit and a movable window unit, said units being structurally independent, and means to position said window unit relative to said display unit to complete the closure. 85

5. In combination with a store front having no doors but provided with an opening for ingress and egress, means for closing said opening comprising an independent display unit capable of being moved to partially close said opening, an independent movable window unit adapted to co-act with said display unit and means to position said window unit relative to said display unit to complete the closure. 90

In testimony whereof I hereunto affix my signature. 95

LANSING P. SHIELD.

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