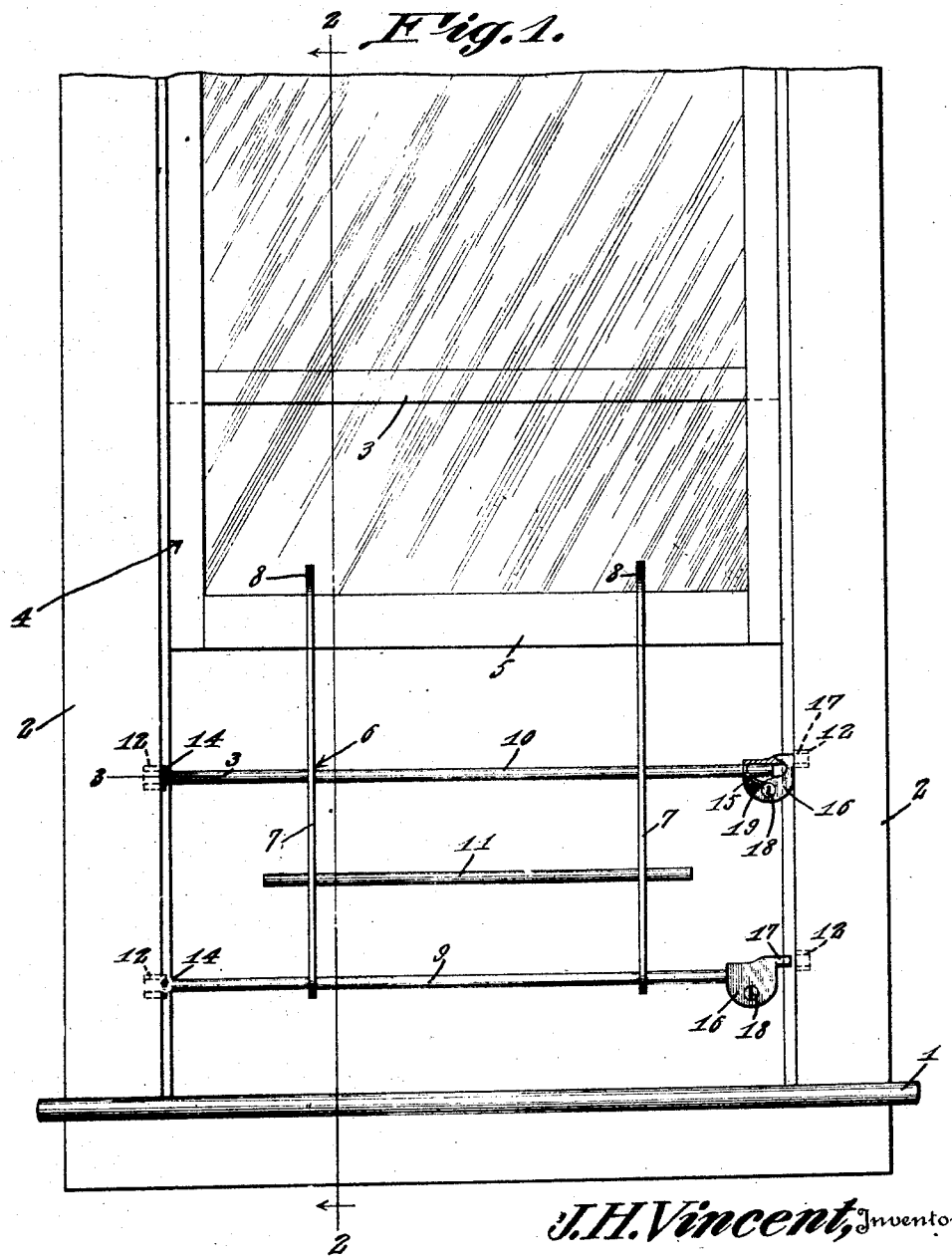
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J. H. VINCENT

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Fig. 1.



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Fig. 2.

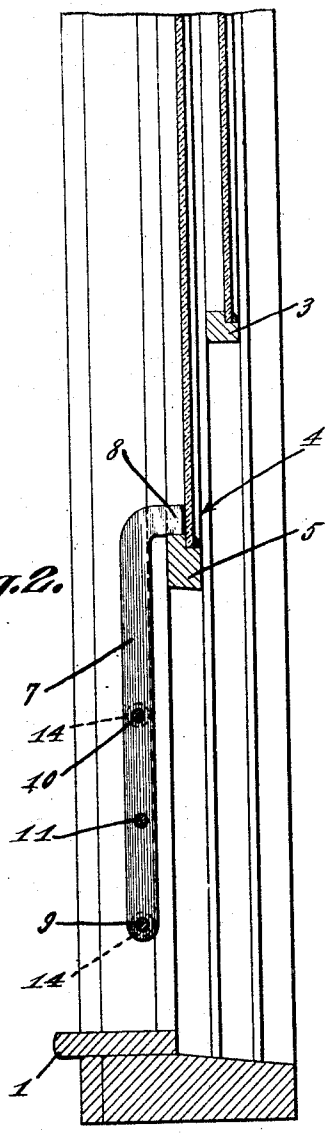
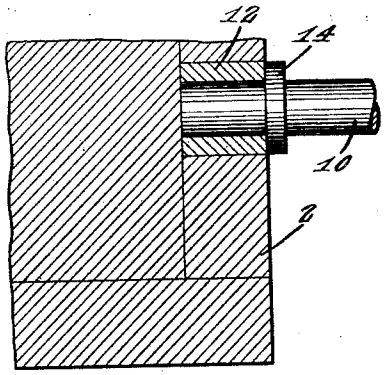


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN H. VINCENT, OF ST. JOSEPH, MISSOURI.

DETACHABLE WINDOW GUARD.

Application filed October 22, 1923. Serial No. 670,220.

To all whom it may concern:

Be it known that I, JOHN H. VINCENT, a citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented a new and useful Detachable Window Guard, of which the following is a specification.

This invention aims to provide novel means whereby a window sash may be held against opening beyond a predetermined height, the space below the sash being guarded when the sash is open.

It is within the province of the disclosure to improve generally and to enhance the utility of devices of that type to which the invention appertains.

With the above and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that, within the scope of what is claimed, changes in the precise embodiment of the invention shown can be made without departing from the spirit of the invention.

In the accompanying drawings:

Figure 1 shows in elevation, a device constructed in accordance with the invention; Figure 2 is a section on the line 2—2 of Figure 1; Figure 3 is a section on the line 3—3 of Figure 1;

The numeral 1 marks a window frame including stiles 2, an upper sash 3 being mounted for reciprocation in the frame, and a lower sash 4 being mounted for reciprocation in the frame, the sash 4 including a base rail 5.

In carrying out the invention there is provided a grating 6 including uprights 7 provided at their upper ends with inwardly extended arms 8. A lower bar 9 extends through the uprights 7 and is secured therein, an upper bar 10 being similarly mounted in the uprights. An intermediate bar 11 is secured in the uprights 7 and is somewhat shorter than the bars 9 and 10. In one of the stiles 2 thimbles 12 are mounted, and the opposite stile 2 is similarly provided with thimbles, as shown in dotted lines in Figure 1. The bars 9 and 10 of the grating 6 are adapted to be received, at one end, in the thimbles 12 of the left hand stile 2 (Figure 1), the said bars having shoulders 14 which, coacting with the thimbles 12 limit the movement of the bars 9 and 10 to the left in Figure 1. The bars 9 and 10 are equipped at their right hand ends (Figure 1) with ratchet teeth 15. Casings 16 are slidable on those ends of the bars 9 and 10 which are remote from the shoulders 14, the casings 16 having fingers 17 adapted to enter the thimbles 12 of the right hand stile 2 in Figure 1. Locks 18, which may be key-actuated are carried by the casings 16, the locks controlling pawls 19, adapted to cooperate with the ratchet teeth 15 of the bars 9 and 10 of the grating 6.

In practical operation, the locks 18 are manipulated to free the pawls 19, the casings 16 being slid to the left into the position occupied by the lowermost casing in Figure 1. The left hand ends of the bars 10 and 9 of the grating 6 are pushed to the left into the thimbles 12 of the left hand stile 2. The casings 16 are slid to the right, in Figure 1, into the position occupied by the uppermost casing in Figure 1, whereupon the fingers 17 of the casings 16 will enter the thimbles 12 of the right hand stile 2, the pawls 19 coacting with the ratchet teeth 15, to hold the casing 16 from being slid to the left, into the position occupied by the lowermost casing in Figure 1. Thus, the grating 6 is securely mounted on the stiles 2 of the frame 1. The arms 8 of the uprights 7 of the casing 6 overhang the base rail 5 of the lower sash 4, as shown in Figure 2, and the result is that the lower sash 4 can be raised a predetermined amount only, the space between the base rail 5 of the lower sash and the bottom portion of the frame 1 being guarded by the grating 6.

What is claimed is:

In a device of the class described, a grating comprising approximately horizontal members and approximately vertical members connected to the horizontal members in spaced relation to the ends of the horizontal members, the vertical members being sup-

plied at their upper ends with rigid rearwardly extended arms so shaped as to cooperate with the upper edge of the base rail of a window sash, thereby to limit the upwardly movement of the sash, the horizontal members having racks at their ends, casings slidable upon the ends of the horizontal members and equipped with fingers adapted to enter the stiles of a window frame, pawls carried by the casings and cooperating with the racks, and locks carried by the casings and controlling the pawls.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

JOHN H. VINCENT.