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FINGER SAFETY GUARD AND ASSISTANT

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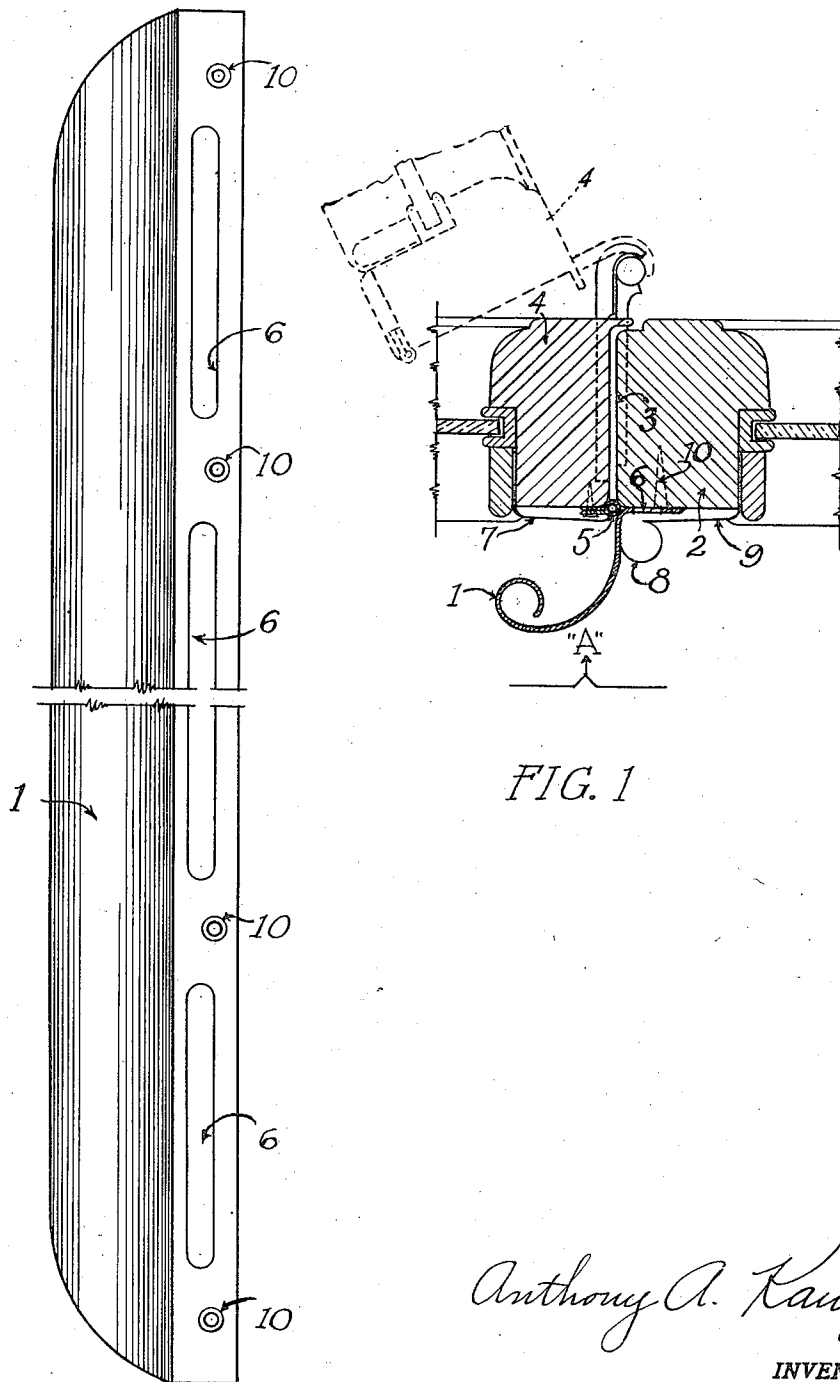


FIG. 1

FIG. 2

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## UNITED STATES PATENT OFFICE

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## FINGER SAFETY GUARD AND ASSISTANT

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2 Claims. (Cl. 20—16)

This invention relates to a finger safety guard, intended principally as a safety appliance to be used on the interior of automobile coach bodies or other vehicle bodies, and being installed and applied at the door jambs of said coach or vehicle bodies, the object of this invention being to prevent persons from taking hold of the hinge side of the door jamb from the interior of an automobile coach or other vehicle body, when the door of said coach or vehicle body is in an open position, either for the purpose of using same as a hand-hold, or for assistance; or to prevent from unintentionally placing their hands or fingers in the space between the hinge side of said jamb and the edge of door of said coach or vehicle body, thereby guarding against personal injury to the fingers or hand when the said door is being closed, and at the same time constituting a safe and convenient device for the purpose of taking hold of same for assistance in entering, occupying, or leaving said automobile coach or other vehicle.

One form of the invention is illustrated in the accompanying drawing, in which Fig. 1 is a horizontal cross section showing the guard mounted in operative relation to a door, the door being shown closed in full lines and its position when open being indicated by dotted lines.

Fig. 2 is an elevation view of the finger safety guard, the view being taken from point "A". (See Fig. 1).

The finger safety guard (1), shown attached to the jamb post (2), constitutes a shield over the space between the hinge side (3) of jamb and door (4), obstructing the direct accessibility thereto, so that when the door (4) is in an open position, a person entering, occupying or leaving the interior of an automobile coach or other vehicle, will be prevented from taking hold of the hinge side (3) of jamb, but instead, when extending the hand for assistance in close proximity to the hinge side (3) of jamb, said person will naturally take hold of the finger safety guard (1), thereby keeping the fingers out of the space between edge of door (4) and hinge side (3) of jamb, thus preventing injury to the fingers or hand, should someone close the door (4) at this time, such an accident being a common occurrence where the jamb is unguarded.

Finger space between the finger safety guard (1) and the door (4) is provided, so that said guard can safely be held for assistance, at the same time the door (4) is being closed.

A weather strip (5) is provided in the installation of the finger safety guard, for the purpose of sealing up the aperture between the hinge side (3) of jamb and edge of door (4), when said door is closed.

The spaces (6) are openings cut out of leg of finger guard, allowing for tacking or otherwise fastening the interior coach or body lining and finish (7), (8), (9), to jamb post (2). Holes (10) are for the insertion of screws for fastening down the finger safety guard.

The length over all of the finger safety guard (1) will be determined by the height of the door (4) and the hinge side (3) of jamb which are to be guarded, and which will vary under the conditions mentioned, as well as vary under other conditions under which the said guard is installed.

I claim:

1. In a structure of the character described, a wall having a doorway therein and a jamb post extending vertically at one side of the doorway, a door hinged along one side to said jamb post for swinging outwardly to an open position, and a shield consisting of a strip of rigid material extending vertically of the doorway and having an attaching flange along one side secured against the inner face of said jamb post, said strip extending from the jamb post in overlapping relation to the inner face of the hinged side of the door and being curved transversely to provide a concavo-convexed portion extending inwardly away from the door with its concaved surface facing the door, said strip having its free side edge portion curved back upon itself towards the door and disposed in appreciable spaced relation to the door when the door is closed.

2. A guard for a door comprising a strip of rigid metal of a length to extend along a doorway at the side thereof to which a door is hinged, said strip being curved transversely to define a concavo-convexed scroll formation in cross section and along one side having an outstanding attaching flange adapted to be secured against a jamb post of a doorway to mount the strip in overlapping relation to the hinged side of a closed door with the concaved surface of the strip facing the door and the free side edge portion of the strip spaced an appreciable distance from a closed door.

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