This invention relates to household safety devices and especially to means for preventing ingress past a door and doorway by an intruder, whatever the motive.

It is an object to provide a safety guard of simple, practical, durable and highly efficient type, and of low cost of manufacture and reasonable sale price.

A further object is to provide a door guard which may be readily installed with a minimum of labor and necessitating only the cutting of a small rectangular hole, in a floor, at a position in the initial opening range of a door to be guarded, and so as to allow for ventilation or desired conversation.

Another object is to provide a safety guard of few and simple, and reliably acting movable parts, including a very substantial master barrier or stop adapted to be instantly projected to effective door barring position at will. And, in this connection, it is an object to provide control means for holding the stop in an ineffective position and also to hold the stop in a retracted condition clear of the doorway area so that not only may the door be opened and closed without obstacle interference but, also, the stop will offer no impediment to ingress or egress, or to brooming, or to vacuum cleaner operation over the safety guard.

An additional object is to provide a door guard which will be effective in limiting the initial opening movement of the door and will allow the door to be instantly banged shut, in emergency, without any obstruction of the stop even if this is in the effective, opening stop position.

And a purpose is to provide a stop controller and release including a foot-actuated trigger having a floating action and being freely depressible without effect on an associated sear of the master stop.

It is a desideratum to provide a dead lock for the stop whereby the latter may be fastened in effective or in ineffective position as a precaution against accidental or mischievous manipulation of the guard.

The invention consists in certain advancements in this art as set forth in the ensuing disclosure and having, with the above, additional objects and advantages, and whose construction, combination and details of means, and the manner of operation will be made manifest in the description of the herewith illustrative embodiment; it being understood that modifications, variations and adaptations may be resorted to within the scope, principle and spirit of the invention as it is more directly claimed hereinafter.

Figure 1 is a perspective showing the device in use.

Figure 2 is a side elevation of the installed device, with its stop latched in retracted position (a side cover being omitted).

Figure 3 is an end elevation (stop held down).

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a trigger bar 17 whose lower end rocks on a chair 18 which is yieldably pressed upward by a spring 19; all these parts being sunk, just below the cover plate 5, in the housing block.

The upper end of the trigger 17 has lateral movement in a slot 20 in the top of the housing and can be pressed by the shoe 5 over to throw the sear and overcome the action of the springs 15—16. It will be seen that if the stop member is locked down, to clear the door, accidental stopping on the head of the trigger 17 will depress it, and its chair, on spring 19, without tripping the sear and thereby releasing the stop 7. On the other hand, it is only necessary to press the foot laterally against the trigger head and give it a side stroke, as R, to effect release of the stop 7.

The top of the stop 7 is shown as relieved at 7* to form a pocket in which may be placed a dead lock key 21 having a shank insertable in a keeper hole 22. If it is desired to deadlock the stop in raised, effective position then the key 21 is set in a hole 23 provided in a side face of the stop 7 and which hole will be exposed above the floor when the stop is up. Or, if it is wished to prevent accidental or a child's playful release of the depressed stop 7, then the key 21 is set in a hole 24 exposed in a side wall of the block chamber while the stop is depressed. Thus, danger of a licensed person's being locked (or stopped) out by the unintended tripping of the trigger is materially reduced, since to accomplish this, the deadlocking key 21 would have to be disengaged from the hole 24.

What is claimed is:

1. A door opening guard comprising a movable stop member and spring means to project the member to position in a door range for stopping the door at a desired limit in its opening range and permitting the door to be closed without interference of the stop, means whereby the stop is rendered inoperative by said spring, and a device to bolt the stop in either effective or in ineffective position.

2. A door opening, safety stop device including a mounting to be fixed in a floor at a doorway, a barricading member movably mounted on the mounting to be projected into door stopping range, spring means to project the said member, and a trippable controller for the said member, said controller including a sear to hold said member retracted, a trigger for the sear and spring means acting on the sear and through in on the trigger to hold this in position ready to throw the sear.

3. A door opening guard comprising a movable stop member and spring means to project the member to position in a door range for stopping the door at a desired limit in its opening range and permitting the door to be closed without interference of the stop, means whereby the stop is rendered inoperative by said spring, and a device to bolt the stop in either effective or in ineffective position.

4. A door opening, safety stop device including a mounting to be fixed in a floor at a doorway, a barricading member movably mounted on the mounting to be projected into door stopping range, spring means to project the said member, and a trippable controller for the said member, said controller including a sear to hold said member retracted, a trigger for the sear and spring means acting on the sear and through in on the trigger to hold this in position ready to throw the sear.

5. A door opening, safety stop device including a mounting to be fixed in a floor at a doorway, a barricading member movably mounted on the mounting to be projected into door stopping range, spring means to project the said member, and a trippable controller for the said member, said controller including a latch sear for restraining the said member in an ineffective position, and a trigger to actuate the sear in releasing function.