

No. 735,962.

PATENTED AUG. 11, 1903.

W. H. GARTZ.  
LOCKING ATTACHMENT FOR DOORS.

APPLICATION FILED JAN. 23, 1903.

NO MODEL

2 SHEETS—SHEET 1.

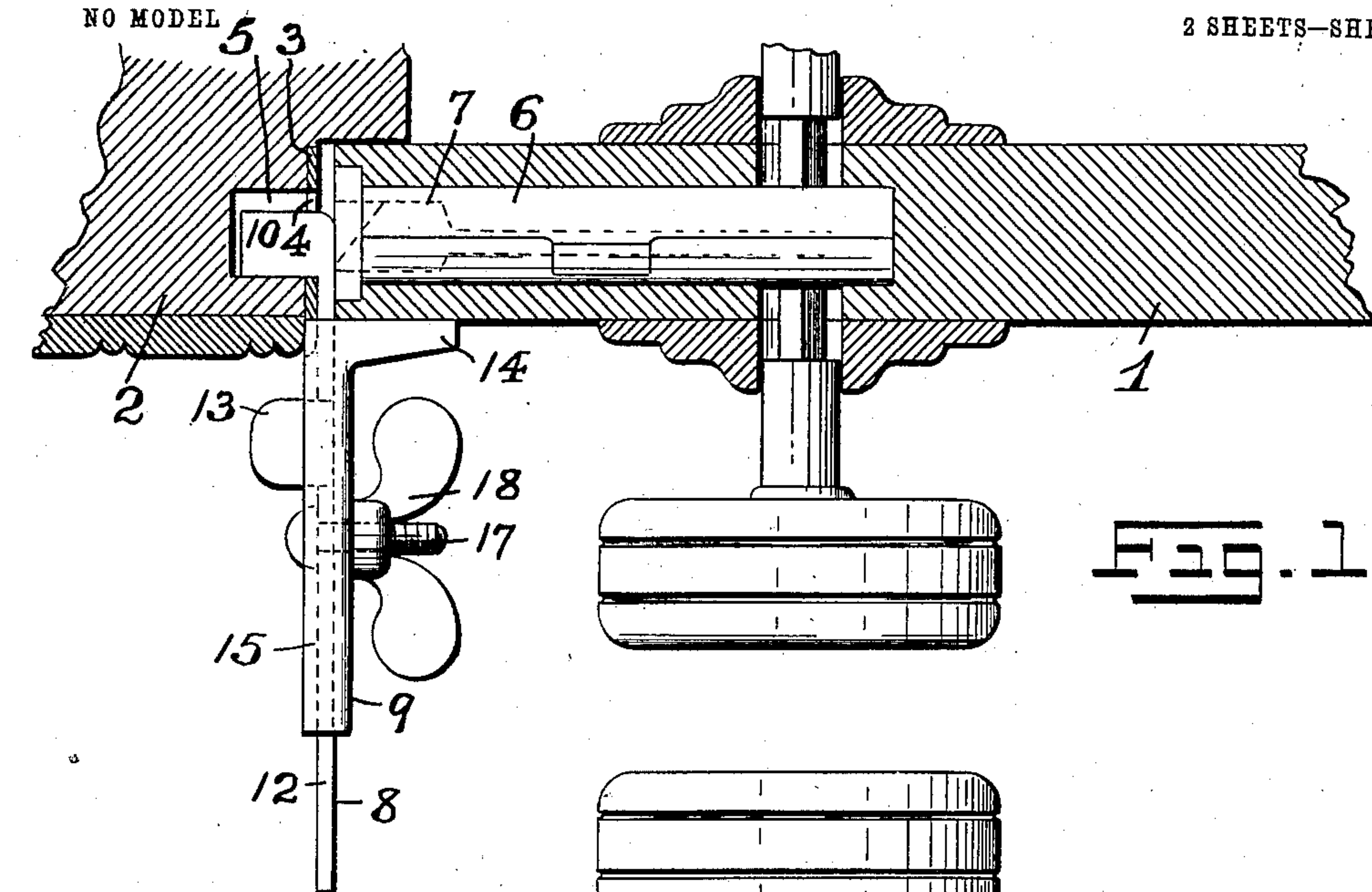


Fig. 1

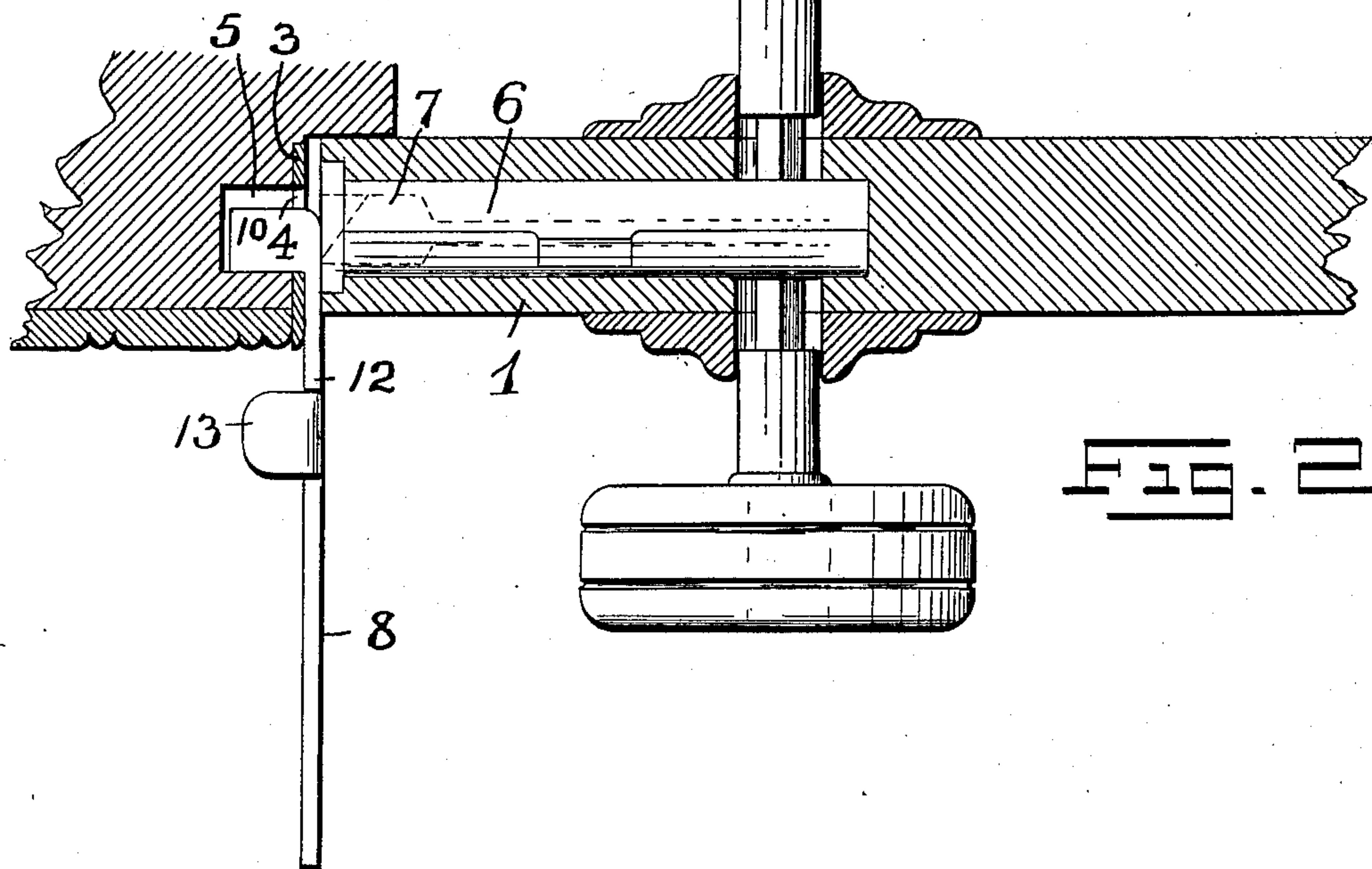


Fig. 2

WITNESSES:

*Geo. J. Richards*  
*Geo. Douglass*

INVENTOR:

*William H. Gartz*

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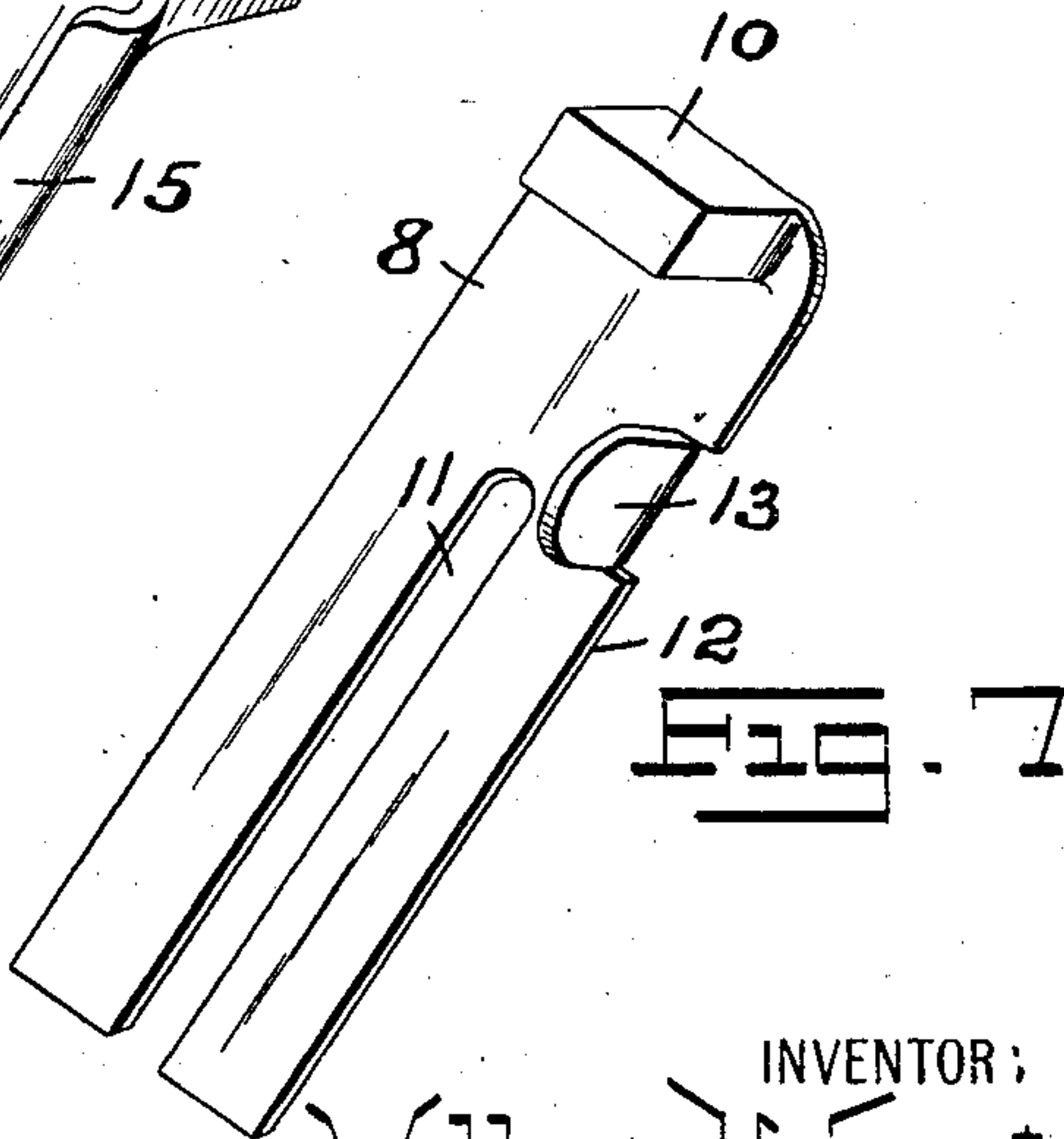
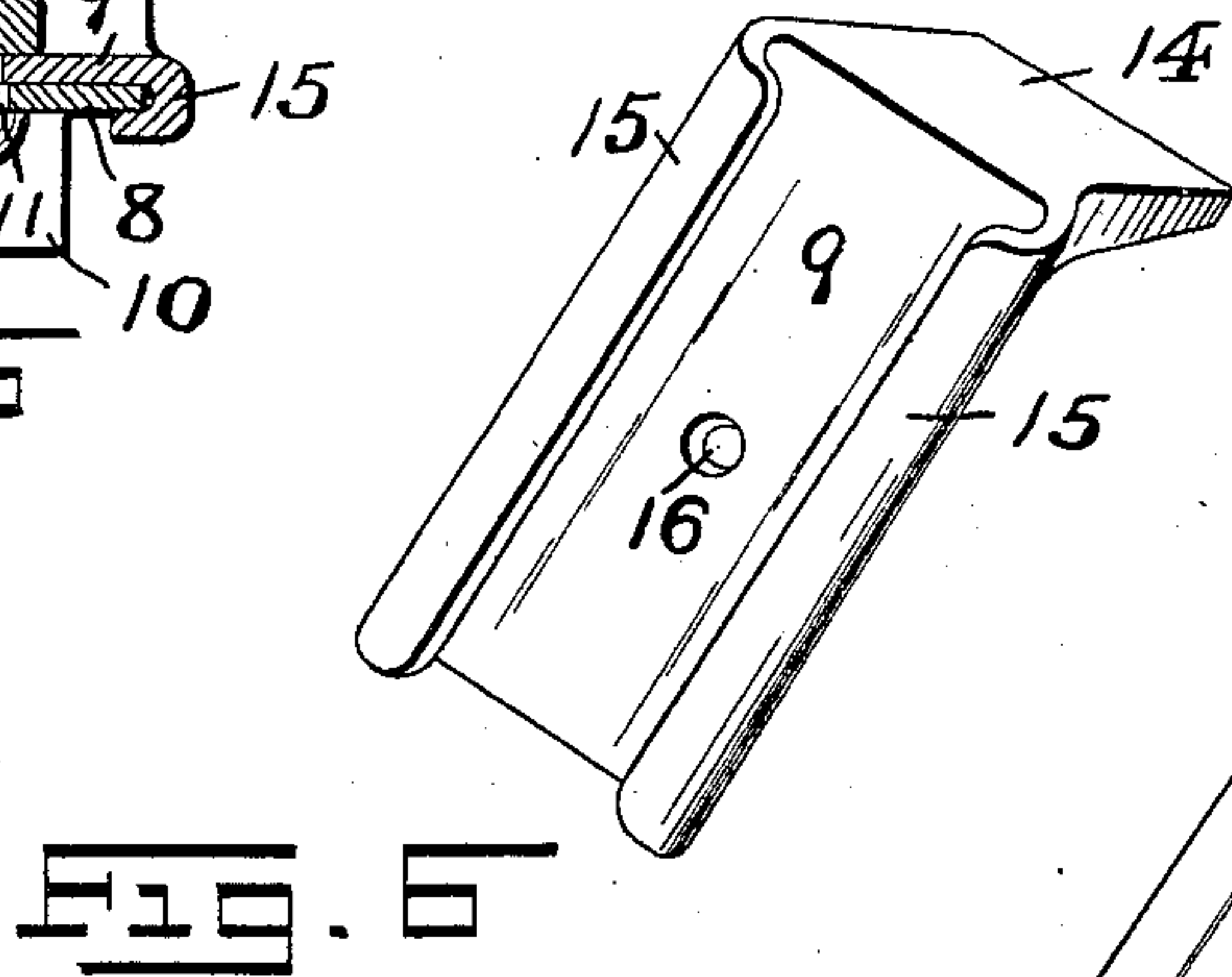
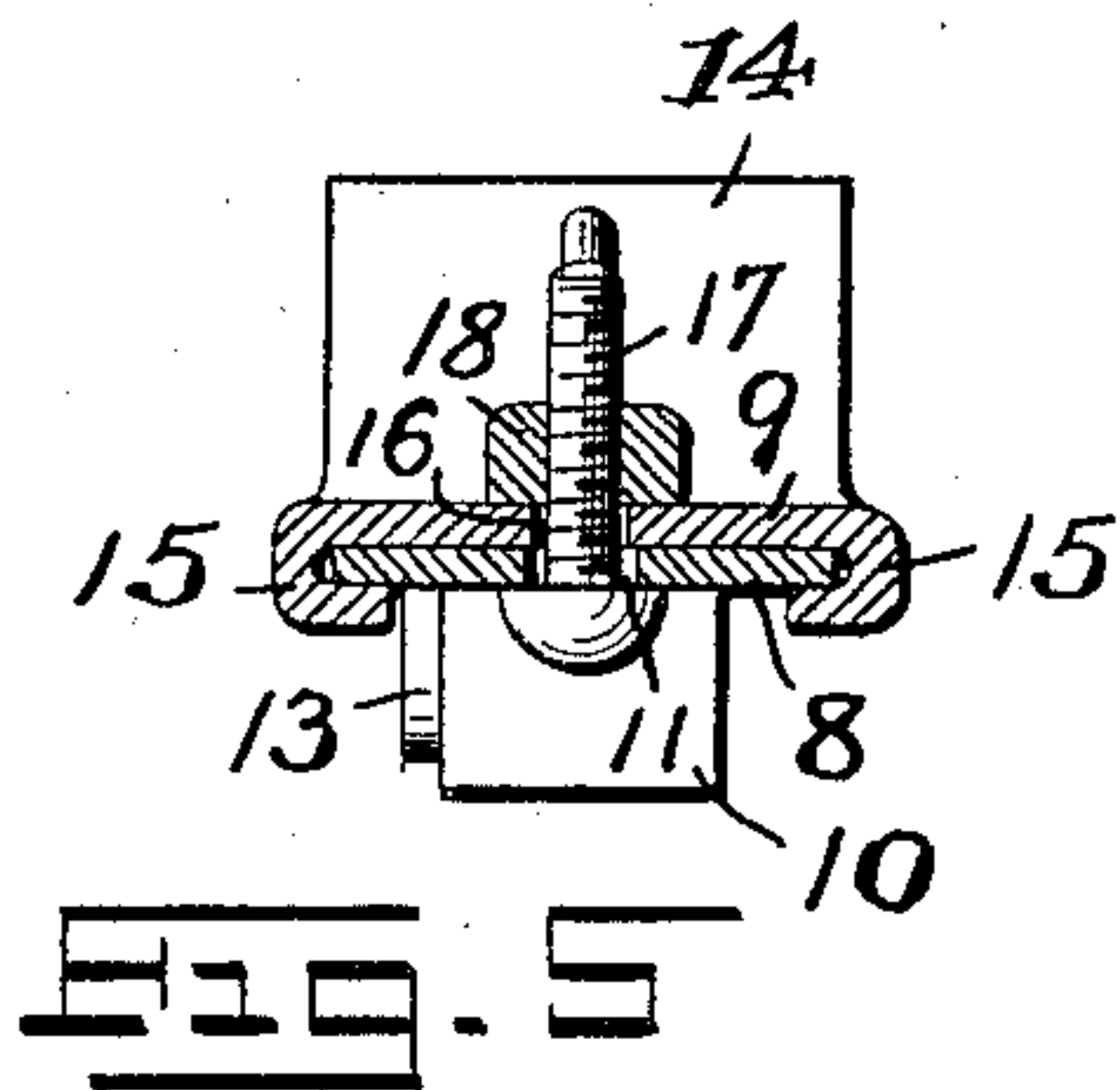
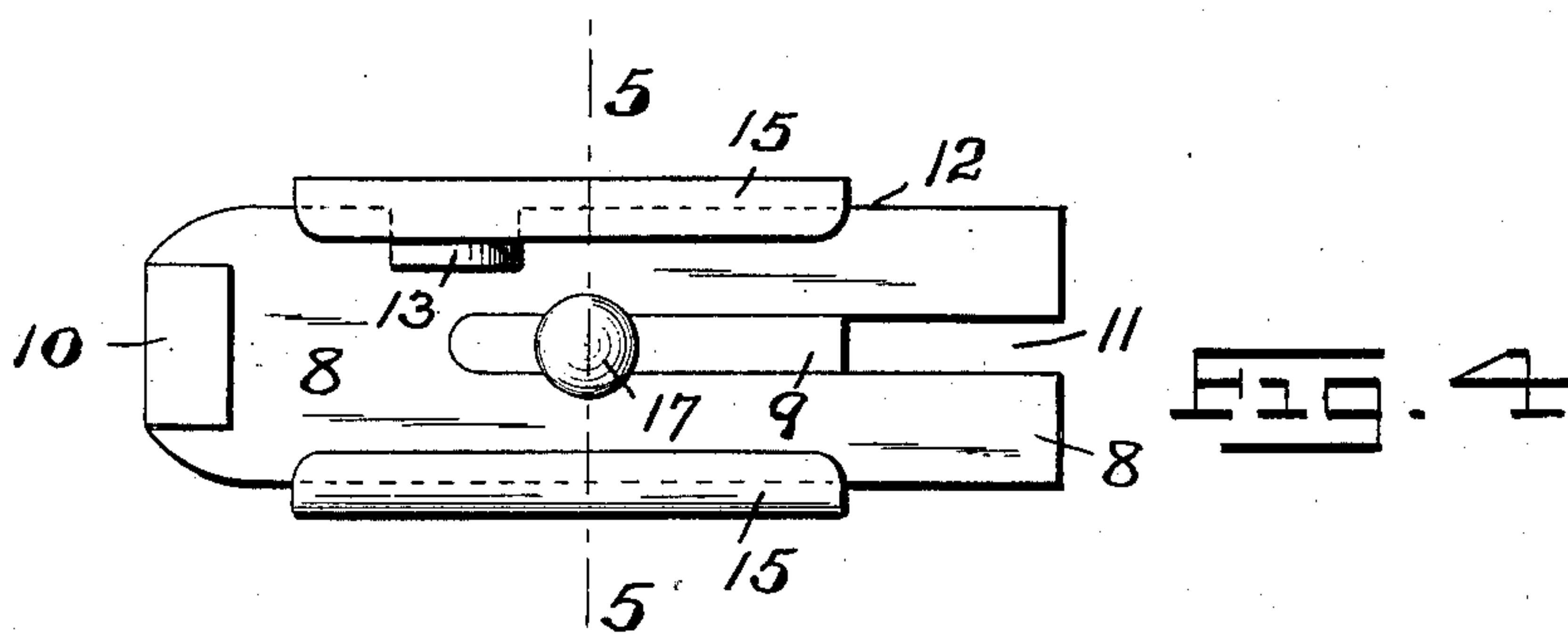
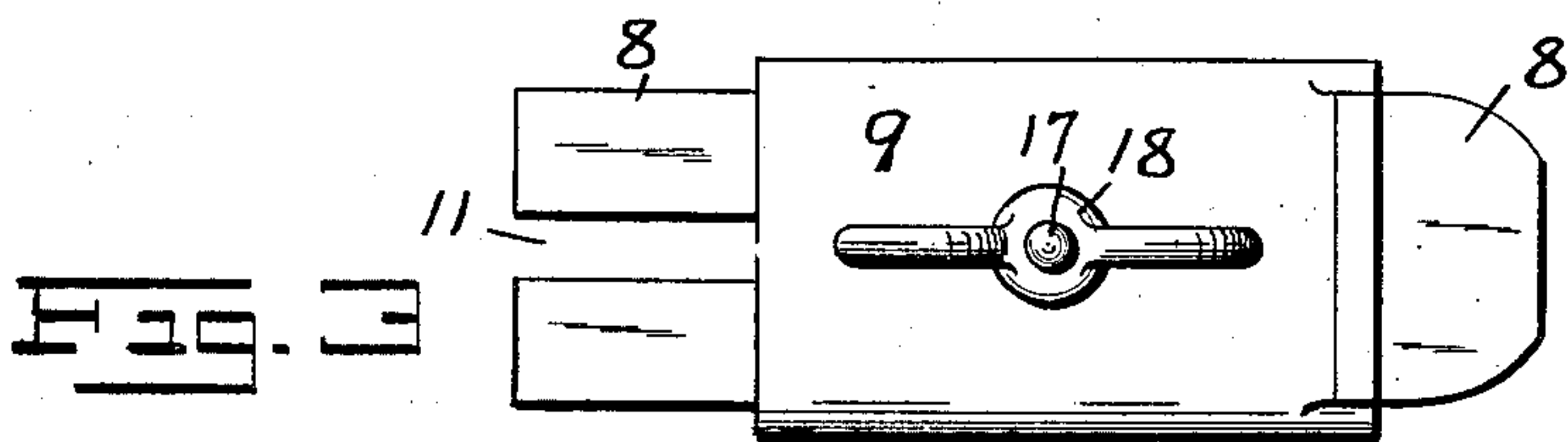
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# UNITED STATES PATENT OFFICE.

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## LOCKING ATTACHMENT FOR DOORS.

SPECIFICATION forming part of Letters Patent No. 735,962, dated August 11, 1903.

Application filed January 23, 1903. Serial No. 140,224. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. GARTZ, a citizen of the United States, residing at Bernardsville, in the county of Somerset and State of New Jersey, have invented certain new and useful Improvements in Locking Attachments for Doors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

The present invention has reference to a novel construction of locking attachment for doors, which is attached to and secured in its locking relation to the door without the use of a key, the device being easily applied and quickly detached, to be carried about and applied to any door, which renders the device of great benefit to travelers.

The principal objects of the present invention, therefore, are to provide a locking attachment of the character hereinafter more particularly set forth, with a view of providing a simply and cheaply constructed device which can be easily attached to the door and door-jamb to hold the door in its closed position against opening by intruders and which can be readily detached to be carried away for further use with another door.

The present invention therefore consists in the novel construction of locking device hereinafter set forth; and, furthermore, this invention consists in the various novel arrangements and combinations of parts, all of which will be described in detail in the following specification and then finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a sectional representation of a door and door-jamb and the door-lock connected with the door, said view representing in elevation the application of my novel construction of locking attachment applied to the door and its jamb to retain the door in its closed and locked position against opening irrespective of the ordinary locking at-

tachment connected with the door. Fig. 2 is a similar view of the said door and door-jamb, one of the members of my novel form of locking attachment, however, being removed to permit the door to be opened. Figs. 3 and 4 are the two side face views of the locking attachment before being applied in its locking position to the door and door-jamb; and Fig. 5 is a transverse vertical section of the device, said section being taken on line 5 5 in said Fig. 4. Figs. 6 and 7 are two perspective views of the two main members of the said locking attachment in their detached relation.

Similar characters of reference are employed in all of the said hereinabove-described views to indicate corresponding parts.

Referring now to the said drawings, the reference character 1 indicates the door, and 2 the door-jamb, the latter being provided with the usual bolt-receiving plate 3, having an opening, as 4, and a recessed portion 5 in the door-jamb directly behind said opening for the reception in the usual manner of the nosing of the bolt 7 of the door-lock 6, as will be understood.

My novel form of locking attachment consists, essentially, of two main members 8 and 9, (illustrated more particularly in Figs. 6 and 7,) the member 8 being provided at or near one of its ends with a projection 10, extending at right angles from the face of the said member, as shown. The said member 8 is also provided with a longitudinally-extending slot 11, and at one of its edges, as 12, the said member may be provided with a lug or extension 13, extending at right angles from the face of said member, or approximately so, and serving as a finger-piece in the manner and for the purposes to be hereinafter more particularly specified. The other member, 9, is provided at or near one of its ends with a projection 14, extending at right angles, or approximately so, from the one face of the said member 9, and upon its opposite face the said member is made with longitudinally-extending guides 15, beneath which the longitudinal marginal edges of the said member 8 can be arranged, as indicated in Figs. 1, 3, 4, and 5, and whereby the two members 8 and



9 can be slidably arranged one upon the other. To secure and lock the two members 8 and 9 in their slidable and adjusted positions one upon the other, the said member 9 is provided with a hole 16, in which can be arranged the screw-threaded portion of a screw-bolt 17, the screw-threaded shank of said bolt extending into and through the slot 11 in the member 8 and the parts being held in their locked engagement by means of a thumb-nut 18, adapted to be screwed upon the said screw-shank of said bolt 17 and tightly screwed down against the face of the said member 9, as illustrated in said Fig. 5. Of course it will be clearly understood that the said two members 8 and 9 may be secured in their slidable and adjusted positions by means of any other suitably-constructed securing device.

The manner of employing the locking attachment for securing the door in its closed position irrespective of the use of the ordinary lock and key is clearly illustrated in said Figs. 1 and 2, and the manner of attaching the device is as follows: The two members 8 and 9 are first separated and the door brought in its open relation with the door-jamb. The member 8 is then arranged at right angles with the door-jamb with the projection 10 placed in the opening 4 of the plate 3 and in the recessed part 5 of the door-jamb 2, as illustrated in Fig. 2. The door is then closed, so that the nosing of the bolt 7 of the door-lock will slide against the face of the member 8, whereby the said bolt 7 of the door-lock 6 will remain in the position indicated in dotted outline in said Figs. 1 and 2. The other member 9 of the locking attachment is now slipped over the edges of the member 8 in the manner indicated in Figs. 1, 3, 4, and 5, the bolt 17 being inserted through the slot 11 in the member 8 and the hole 16 in the member 9 and then secured in place by means of the thumb or other nut 18. Before the two members 8 and 9 are, however, secured in their fixed and immovable relation upon each other the said projection 14 of the member 9 is brought closely against the face of the door 1, as clearly indicated in said Fig. 1, and then the two members are locked in their fixed relation to each other by screwing the nut 18 upon the screw-shank of the bolt 17. From an inspection of said Fig. 1 it will be clearly evident that when the members of the locking attachment have been secured in their holding positions, respectively, with the door-jamb and the door the door cannot be opened from the outside irrespective whether the door is locked by means of the ordinary lock and key or not, and there is no danger of opening the door by picking the lock.

My novel form of locking attachment can be readily carried about in a traveling-bag or in the pocket, and is therefore of great benefit to travelers, who are thus enabled to use the device with the doors of the rooms of hotels, in which very often the door-locks are

in poor condition, the device being easily applied without the use of a key and without danger of marring the door or door-jamb, and when a person leaves the room the attachment is quickly detached to be replaced again upon some other door and door-jamb.

It will be understood that changes may be made in the arrangements and combinations of the parts comprising the device, as well as in the details of the construction thereof, without departing from the scope of my present invention. Hence I do not limit my invention to the exact arrangements and combinations of the various parts as described in the previous specification and as illustrated in the drawings, nor do I confine myself to the exact details of the construction of the said parts.

Having thus described my invention, what I claim is—

1. A locking attachment for doors, comprising a pair of slidably-connected members, one of said members having a projection adapted to be placed in an opening of the bolt-plate connected with the door-jamb, a finger-piece extending at a right angle from said member, and said other member having a projection adapted to be brought in engagement with a portion of the face of the door, and means connected with said slidably-arranged members for fixing them in immovable relation when in position upon the door-jamb and door, consisting, essentially, of a bolt connected with one of said members, and a nut on said bolt, substantially as and for the purposes set forth.

2. A locking attachment for doors, comprising a member 8 provided with a longitudinally-extending slot, and a projection at one end of said member, said projection being adapted to be inserted in an opening of the bolt-plate connected with the door-jamb, and second member 9, longitudinally-extending marginal guides connected with said second member beneath which the marginal edges of the member 8 are arranged for slidably connecting said member 8 with said member 9, and a projection at the end of said member adapted to be brought in engagement with a portion of the face of the door, substantially as and for the purposes set forth.

3. A locking attachment for doors, comprising, a member 8 provided with a longitudinally-extending slot, and a projection at one end of the said member, said projection being adapted to be inserted in an opening of the bolt-plate connected with the door-jamb, and a second member 9, longitudinally-extending marginal guides connected with said second member beneath which the marginal edges of the member 8 are arranged for slidably connecting said member 8 with said member 9, and a projection at the end of said member adapted to be brought in engagement with a portion of the face of the door, and means connected with said slidably-arranged members for fixing them in immovable relation when in position upon



the door-jamb and door, substantially as and for the purposes set forth.

4. A locking attachment for doors, comprising, a member 8 provided with a longitudinally-extending slot, and a projection at one end of the said member, said projection being adapted to be inserted in an opening of the bolt-plate connected with the door-jamb, and a second member 9, longitudinally-extending marginal guides connected with said second member beneath which the marginal edges of the member 8 are arranged for slidably connecting said member 8 with said member 9, and a projection at the end of the said member adapted to be brought in engagement with a portion of the face of the door, and means connected with the slidably-arranged members for fixing them in immovable relation when in position upon the door-jamb and door, consisting essentially, of a bolt arranged in the slot of said member 8 and extending through the hole in said member 9, and a nut on said bolt, substantially as and for the purposes set forth.

5. A locking attachment for doors, comprising, a member 8 provided with a longitudinally-extending slot, a finger-piece on said

member, and a projection at one end of said member, said projection being adapted to be inserted in an opening of the bolt-plate connected with the door-jamb, and a second member 9, guides connected with said second member for slidably connecting said member 8 with said member 9, and a projection at the end of said member adapted to be brought in engagement with a portion of the face of the door, a finger-piece extending at a right angle from said member, and means connected with said slidably-arranged members for fixing them in immovable relation when in position upon the door-jamb and door, consisting, essentially, of a bolt arranged in the slot of said member 8 and extending through a hole in said member 9, and a nut on said bolt, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 20th day of January, 1903.

WILLIAM H. GARTZ.

Witnesses:

AUSTIN WRIGHT,  
FREDK. C. FRAENTZEL.