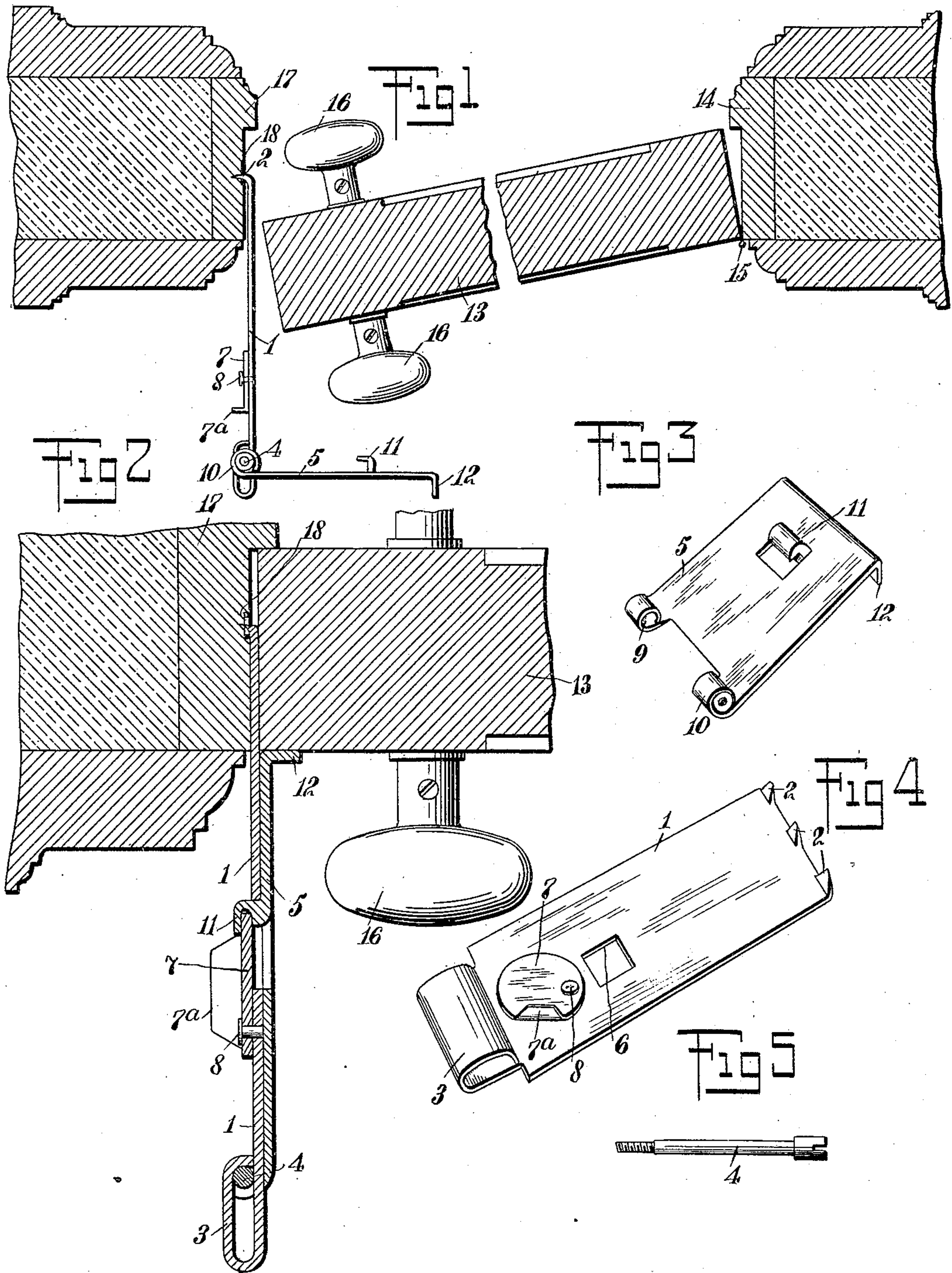


C. W. LENT.
DOOR SECURER.
APPLICATION FILED SEPT. 30, 1909.

945,558.

Patented Jan. 4, 1910.



WITNESSES
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CHARLES W. LENT, OF TINGLEY, IOWA.

DOOR-SECURER.

945,558.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed September 30, 1909. Serial No. 520,294.

To all whom it may concern:

Be it known that I, CHARLES W. LENT, a citizen of the United States, and a resident of Tingley, in the county of Ringgold and State of Iowa, have invented a certain new and useful Door-Securer, of which the following is a full, clear, and exact description.

My invention relates to securers for doors, windows and the like, and provides a se-curer adapted to be quickly applied to clo-sures, for holding the same in a locked posi-tion.

My invention is more particularly adapted for securely locking doors, and embodies two plates movable relative to each other, one of the plates being provided for insertion between a closure member and the frame thereof, and equipped with suitable gripping means for holding the same in place, while the other plate is adapted to be engaged by the first-named plate by means of a lug on the second-named plate engaged by a lock-ing means on the first-named plate, the sec-ond-named plate having a stop flange there-on adapted to engage the said closure and securely hold the same in locked position.

My invention further embodies novel fea-tures of construction as will be hereinafter more fully described and particularly set forth in the appended claim.

Reference is to be had to the accompany-ing drawings forming a part of this specifi-cation, in which similar characters of refer-ence denote corresponding parts in all the views, and in which—

Figure 1 is a fragmentary sectional plan view of a door and the frame thereof and showing my invention attached to the frame and in the initial position for securing the door. Fig. 2 is a fragmentary sectional plan view of a door and the frame thereof, show-ing my invention attached to the same and engaging the door to hold the same in locked position. Fig. 3 is a perspective of one of the plates partially comprising my inven-tion. Fig. 4 is a perspective of a second plate partially comprising my invention. Fig. 5 is a side view of the screw bolt adapt-ed to hingedly secure the two plates em-bodied in my invention.

My door securer comprises a gripping plate 1 having at one end thereof projecting pointed lugs 2. The other end of the grip-ping plate 1 is turned inwardly so as to form a bearing 3 for a screw bolt 4 which passes

therethrough and hingedly secures the plate 1 to a second plate 5. A hole 6 is provided in the plate 1, and adjacent thereto a cam 7 having a handle 7^a is pivoted to the plate by means of a pin 8. The second plate 5 hinged to the plate 1 by means of the screw bolt 4 passed through bearings 9 and 10 in the plate 5, and the bearing 3 on the plate 1, is provided with a lug 11 and a stop flange 12 as will be clearly seen by referring to Fig. 3.

When it is desired to apply the door se-curer for locking a door 13 hinged to a frame 14 at 15 and provided with suitable knobs 16, the gripping plate is placed against the door-jamb 17 with the gripping lugs 2 pressed into the door-jamb 17 to hold the plate 1 in position. The door 13 is then closed. This forces the lugs 2 still deeper into the door-jamb 17. Then the plate 5 hinged to the plate 1 is swung around so that it engages the plate 1, the lug 11 on the plate 5 passing through the opening 6, and the stop flange 12 engaging the door 13, as will be clearly seen by referring to Fig. 2. The cam 7 is then manipulated so as to engage the lug 11, as will also be seen by referring to Fig. 2. The door is now securely held in a locked position and can only be opened by disengaging the cam 7 and the lug 11 and swinging the plate 5 outwardly, away from the plate 1. The hinge member 3 is prefer-ably elongated to permit of the screw bolt 4 secured to the locking plate 5, by bearings 9 and 10, to move or slide longitudinally of the plate 1, as well as being hingedly secured to the said plate.

When it is desired to repeatedly use the door securer on the same door, a rectangular plate 18, having an elongated slot therein is provided, to be secured in the door jamb. Then when the securer is applied the holes first made by the gripping points 2 can be easily located and used again, thereby obvi-ating the necessity of making new holes for the gripping points 2.

It will be understood that although I have described my door securer as applied to a door, it can be conveniently used for various closures such as windows, cabinets and the like.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

A door securer comprising a gripping plate for insertion between a closure and the

frame thereof, gripping means integral with the said plate for holding the same in position, and a locking plate mounted to turn and to slide on the said gripping plate, a
5 hook-shaped lug on the said locking plate engaging the gripping plate, a cam on the said gripping plate engaging the said hook-shaped lug and securely holding the same, and means on the said locking plate engag-

ing the said closure for securely holding the 10 same in a locked position.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES W. LENT

Witnesses:

E. W. REYNOLDS,
LUKE SHAY.