

No. 633,336.

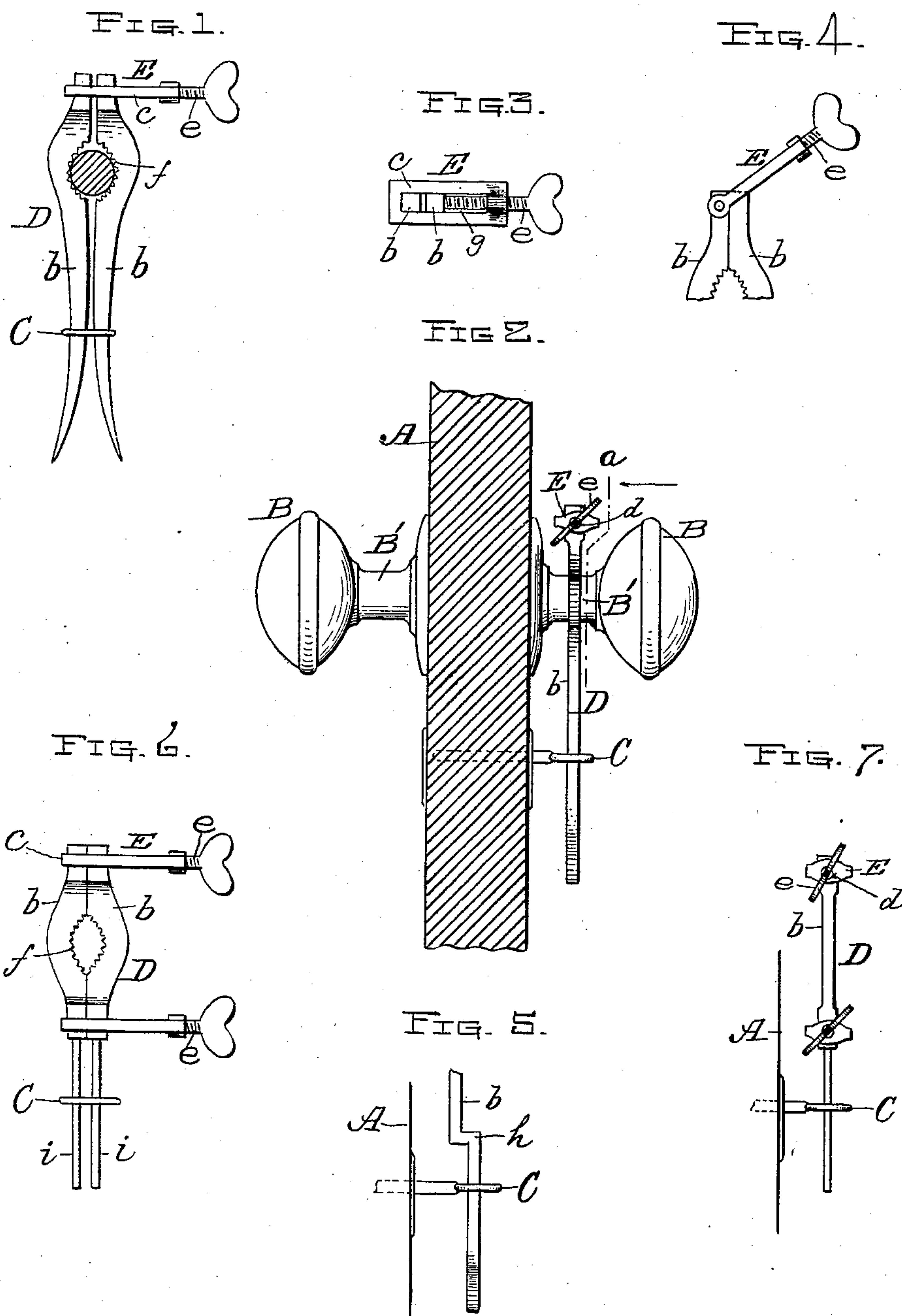
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W. H. CHADWICK.

KEY AND KNOB LOCKING ATTACHMENT FOR DOORS.

(Application filed June 7, 1899.)

(No Model.)



Witnesses;

*N. B. Nourse.*

*A. A. Gilbert.*

Inventor;

*Willard H. Chadwick.*

By *A. A. Parker.* Att'y.

# UNITED STATES PATENT OFFICE.

WILLARD H. CHADWICK, OF WORCESTER, MASSACHUSETTS.

## KEY AND KNOB LOCKING ATTACHMENT FOR DOORS.

SPECIFICATION forming part of Letters Patent No. 633,336, dated September 19, 1899.

Application filed June 7, 1899. Serial No. 719,676. (No model.)

*To all whom it may concern:*

Be it known that I, WILLARD H. CHADWICK, of the city and county of Worcester, in the State of Massachusetts, have invented certain new and useful Improvements in Key and Knob Locking Attachments for Doors; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 represents a transverse section taken on line *a*, Fig. 2, through the shank of a door-knob and the end of a key with my improved locking attachment applied thereto, as and for the purpose hereinafter described. Fig. 2 is a vertical section through part of a door, showing a side view of the knobs and key and a side or edge view of said locking attachment. Fig. 3 is a top end view of the locking attachment. Fig. 4 represents the upper end of said attachment, showing a modification in the construction thereof, hereinafter described. Fig. 5 represents another modification in the construction of the bottom end of the attachment. Figs. 6 and 7 represent a front and side view, respectively, of still other modifications in the construction of the device, which will also be hereinafter described.

The object of my invention is to provide a device adapted to be readily attached and detached to and from the key and the shank of one of the knobs of a door to temporarily lock and hold the same from being turned; and it consists of two loose metal parts or jaws adapted to fit over opposite sides of the shank, and also in the eye of the key, and of a clamp or clamps fitting over said two metal parts to hold them locked in the above position, substantially as and for the purpose hereinafter more fully set forth.

In order that others may better understand the nature and purpose of my said invention, I will now proceed to describe it more in detail.

In the drawings, A represents part of a door, B B the usual knobs, and C a key. As the door-lock does not constitute a part of my invention, the same is not shown.

My improved key and knob locking attachment D, previously alluded to, consists of the

two loose parts or jaws *b b* and of the clamping device E, consisting of a link or yoke *c*, having a longitudinal threaded opening *d* at one end and a thumb-screw *e*, adapted to fit in said threaded opening. The central parts or bodies of the jaws *b b* are curved outward to correspond somewhat to the shape of the shank B' of the knob and are preferably serrated on their inner edges, as is shown at *f*, to form a stronger clench on said shank B' when said jaws are clamped thereto, as is shown in Fig. 1 of the drawings. The upper ends of the jaws are made the proper shape to fit the opening *g* of the yoke *c*, as is shown in Figs. 1 and 3, and their lower ends extend down long enough to pass through the eye of key C, as is shown in Figs. 1 and 2, said ends being preferably curved outward, so as to vary the width between the outside edges of the jaws at different points in their lengths to fit the eyes of different keys, and also to facilitate fitting said jaws down over the shank into the key-eye. If desired, said lower ends or arms of the jaws may be made with an offset *h*, as is shown in Fig. 5, to admit of the locking attachment being applied to knobs having short shanks and at the same time permit of the lower ends being passed through the eye of a key having considerable projection from the face of the door.

It is preferable to make each jaw *b* in one integral piece, as is shown in Figs. 1 and 2; but, if preferred, the lower ends or arms which fit in the key-eye may be separate from the body and fastened thereto, as is shown in Figs. 6 and 7, in the latter instance said arms being of wire *i i*, fastened in holes in the body of each jaw. I also reserve the right to use one clamp device E, as is shown in Figs. 1 and 2, or two of said clamps—one above and the other below where the knob-shank B' comes—as is shown in Figs. 6 and 7. I also reserve the right to pivot the clamps to the upper end of one of the jaws *b*, as is shown in Fig. 4.

As will be observed from the foregoing description and drawings, by the use of my improved attachment or device both the key and the knobs and their spindle are held rigid from being turned by any outside agency.

The device may be carried about without inconvenience and may also be easily and



quickly applied when occasion demands for protection from enforced entrance to the room of the occupant.

Having now described my invention, what  
5 I claim therein as new, and desire to secure by Letters Patent, is—

The combination of the key and the shank of a door-knob with a double-locking attachment or device, comprising the two jaws *b b*  
10 adapted to fit against opposite sides of said

shank and in the eye of the key, and a screw clamp or clamps adapted to fit over said jaws, whereby they may be forced toward each other to lock the parts, and hold said key, and the knobs and their spindle from being turned 15 from the outside substantially as set forth.

WILLARD H. CHADWICK.

Witnesses:

A. A. BARKER,  
W. B. NOURSE.