

A. GIACOMETTI.
 DEVICE APPLICABLE TO LOCKS FOR WEDGING THE BARS OF DOORS.
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Fig. 1.

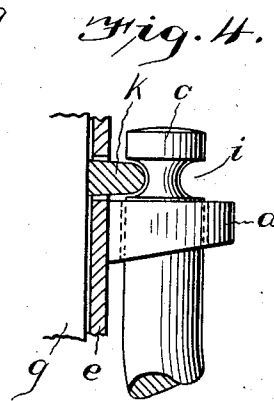
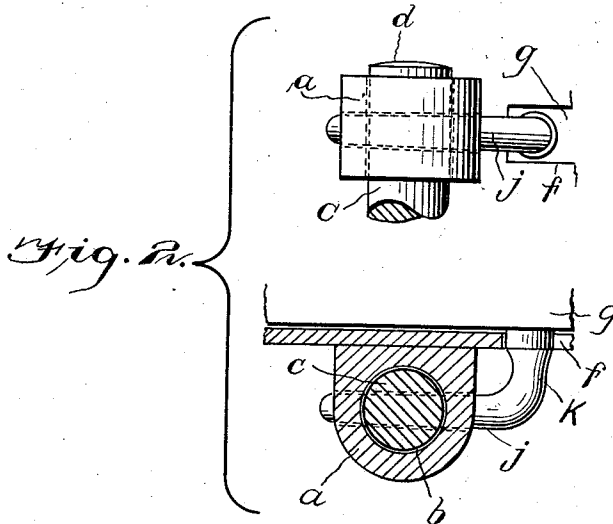
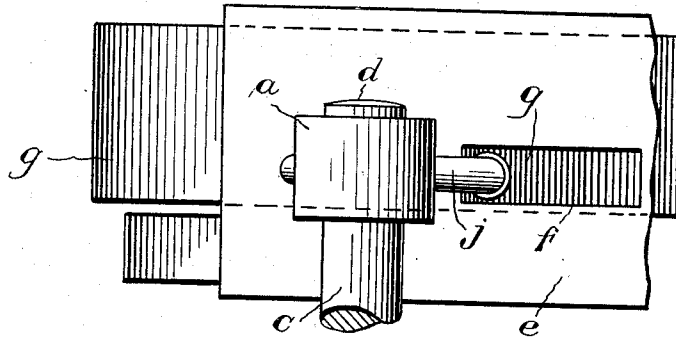
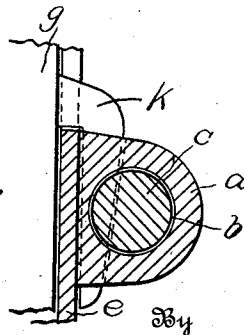


Fig. 3.



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DEVICE APPLICABLE TO LOCKS FOR WEDGING THE BARS OF DOORS.

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To all whom it may concern:

Be it known that I, ANDRES GIACOMETTI, a citizen of the Republic of France, residing at 90 Route de Gonesse, Stains, Seine, France, have invented certain new and useful Improvements in a Device Applicable to Locks for Wedging the Bars of Doors, of which the following is a full, clear, and exact description.

Various systems for closing doors are employed, including wedging bars immovably held in their operative position by the action of the lock. These systems necessitate complicated mechanical arrangements, as well as the use of special locks differing altogether from the ordinary types, so that they have not been adopted as extensively as they should be.

This invention has reference to a system for wedging the bars of doors, characterized by its simplicity and its reliable working. It can be applied to any ordinary lock, and when a person is leaving a building, permits of wedging the bar of the door, by the closing movement of the lock.

I will now describe the invention with reference to the accompanying drawing.

Figure 1, is a front elevation of the device in combination with an ordinary lock. Fig. 2 is a side elevation and a cross section of the invention. Fig. 3 is a plan view of a modification of the device partly in section and Fig. 4, is a side elevation, partly in section.

The various parts of the device are referred to by letters, similar letters denoting corresponding parts in the several views.

The wedging device, according to the drawing, consists of a ring-like member *a*, provided with a vertical aperture or eye *b*, intended to receive the upper part of the bar *C*, and fastened to the casing of the lock. The bar *C* is of known construction and forms a stay, by resting, for example, against the ground or floor, either by means of a joint, or by merely engaging a notch. As shown in Figs. 1 and 2 of the drawing, the bar *C* has also a transverse opening through it in alinement with the transverse

opening in the member *a*. The bar *C*, slides in the aperture *b*, on the opening and closing movements of the door, without, however, passing out of the aperture, its length being calculated so that once the door is closed, its upper extremity *d* more or less exactly alines with the upper surface of the part *a*.

Adjacent the ring-like member *a*, the casing *e* is provided with an opening *f*, disclosing the dormant bolt *g*, to which is secured a spindle *j*, which projects directly out from the bolt as at *K*, and is then bent horizontally to engage the openings in the parts *a* and *C*.

If the spindle *j*, is bent laterally close to the lock, as seen in Figs. 3 and 4, the upper part of the bar *C* may be provided with a recess *i*, which is engaged by the spindle *j*. This construction constitutes a slight modification of the form shown in Figs. 1 and 2; the recess *i*, serving the same purpose as the opening through the bar, as there illustrated.

I do not confine myself to the exact construction as herein shown and described, but desire to vary the construction, within the meaning of the claims, and without departing from the spirit of the invention.

Having thus described my invention what I claim is:

1. In a lock, a casing having an oblong opening through its side, a dormant bolt confronting said opening, a spindle on said bolt projecting through said opening and bent at a right angle toward the front of the lock, a ring-like projecting guide on the outside of said casing adjacent its oblong opening and having a transverse aperture therethrough, a bar adapted to be braced at its lower end and having a transverse aperture near its upper end, said upper end adapted to engage said guide, and said spindle being adapted to engage said apertures in said guide and said bar when said door is locked and to be disengaged from said apertures when said door is unlocked.

2. In a lock a casing having an opening through its side, a dormant bolt confronting said opening, a spindle on said bolt pro-

jecting through said opening and bent toward the front of the lock, a ring-like, projecting guide on the outside of said casing adjacent said opening, a bar adapted to be
5 braced at its lower end and having a recess near its upper end, and said upper end adapted to engage said guide, and said spindle adapted to engage said aperture in said guide and said recess in said bar when said

door is locked and to be disengaged therefrom, when said door is unlocked.

In testimony whereof I affix my signature.

ANDRES GIACOMETTI.

In the presence of—

H. C. COXE,

EUGÈNE W. BOUGÉ,

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
