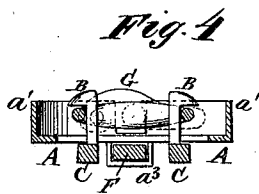
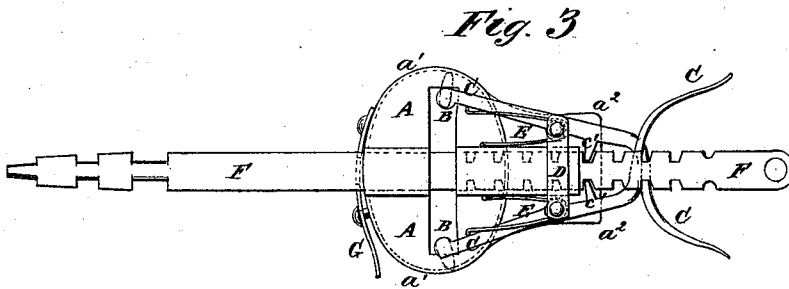
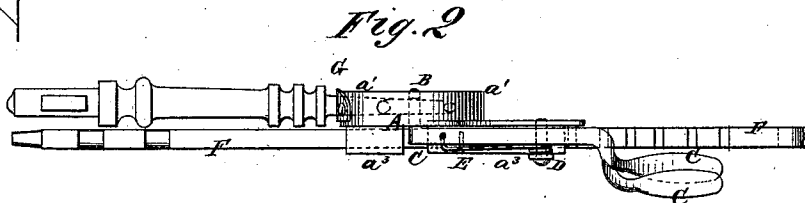
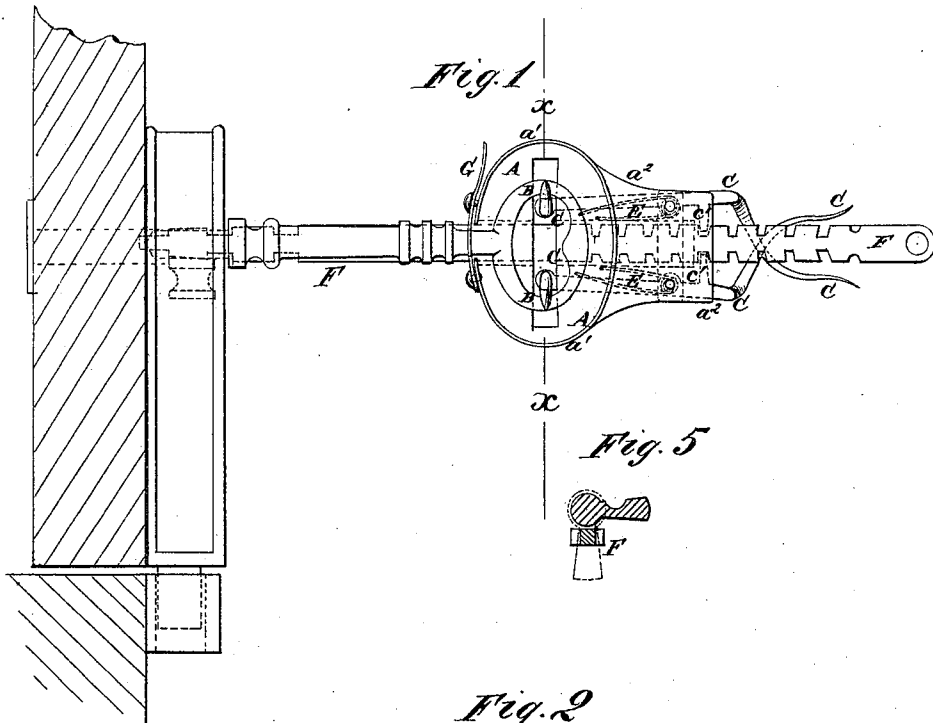


J. S. WILSON.
ADJUSTABLE KEY-GUARD.

No. 174,751.

Patented March 14, 1876.



WITNESSES:

A. W. Almqvist
John Goethals

INVENTOR:

J. S. Wilson
BY *mmu/l*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES S. WILSON, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN ADJUSTABLE KEY-GUARDS.

Specification forming part of Letters Patent No. **174,751**, dated March 14, 1876; application filed February 21, 1876.

To all whom it may concern:

Be it known that I, JAMES S. WILSON, of Trenton, in the county of Mercer and State of New Jersey, have invented a new and useful Improvement in Adjustable Key-Guards, of which the following is a specification:

Figure 1 is a top view of my improved key-guard, shown as applied to a key. Fig. 2 is a side view of the same. Fig. 3 is an under-side view of the same. Fig. 4 is a detail cross-section of the same, taken through the line *xx*, Fig. 1. Fig. 5 is a detail section showing the position of the bar with respect to the key and key-hole.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved device for attachment to door-keys to prevent them from being turned from the outside of the doors with pliers or other tools, which shall be so constructed that it may be applied to keys of different lengths, and which shall be simple in construction, easily applied, and reliable in operation, holding the key securely.

The invention consists in an improved key-guard, formed of the plate provided with the flange, the extension, and the keeper, the levers, provided with the hooks and the lugs, the springs, and the notched sliding bar, constructed and operating as hereinafter fully described.

A is a plate of oval form, and provided with an upwardly-projecting flange, *a*¹, which is notched in its forward side to receive the stem of the key to be fastened. The plate A is made of such a size as to receive the ring of any desired key. The plate A is slotted transversely to receive the hooks B, which pass up through it and hook into the key-ring, as shown in Figs. 1 and 4.

The hooks B are formed upon the forward ends of two levers, C, which are pivoted to a rearward extension, *a*², of the plate A, and to a strap or narrow plate, D. The forward or hook ends of the levers C are held outward by two springs, E, interposed between them and the keeper *a*³, attached to the lower side of the plate A, and through which the bar F

slides. The rear ends of the levers C are curved downward, inward, and rearward, and cross each other, so that their forward ends may be moved toward each other by pressing their rear ends toward each other. Upon the inner sides of the levers C, a little in the rear of the pivots of said levers, are formed lugs *c'*, which enter notches in the opposite sides of the bar F.

Several notches are formed in the sides of the bar F to receive the lugs *c'*, to enable the device to be adjusted according to the length of the key stem or handle. In the sides of the forward end of the bar F are formed notches to enable the said bar to be turned in the key-hole of the lock-case.

In using the device the key is turned to throw the bolt, and is then turned into a horizontal position. The forward end of the bar F is then inserted edgewise in the key-hole beneath the key, and is turned one-quarter around. The plate A and its attachments is then slipped forward upon the bar F until the ring of the key-handle can be hooked upon the hooks B, the lugs *c'* of the levers C entering the notches of the bar F, and thus locking the said bar in place. With this attachment it is impossible to turn the key without first detaching the said device, and that cannot be done from the outside of the door.

G is a latch, pivoted to the flange *a*¹ at one side of its notch, and catching upon a pin at the other side of said notch, to keep the plate A and its attachments from dropping when the hooks B are withdrawn from the key-ring.

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

An improved key-guard formed of the plate A, provided with the flange *a*¹, the extension *a*², and the keeper *a*³, the levers C, provided with the hooks B and the lugs *c'*, the springs E, and the notched bar F, constructed and operating substantially as herein shown and described.

JAMES S. WILSON.

Witnesses:

HENRY C. CASE,
JAMES S. AITKIN.