

S. S. Garver,
Shutter Lock.
N^o 48,925. Patented July 25, 1865.

Fig. 1.

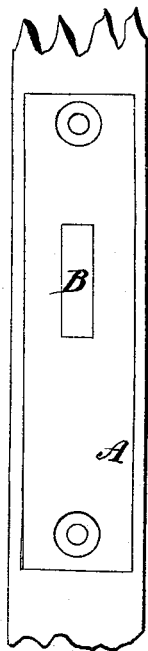


Fig. 2.

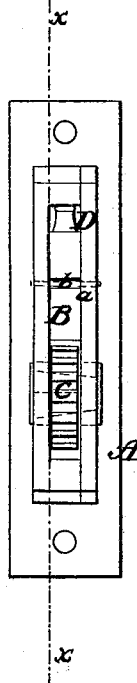
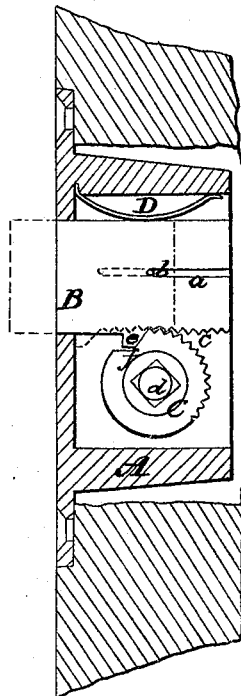


Fig. 3.



Witnesses:

Theo. Busch

Wm. Treurn

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UNITED STATES PATENT OFFICE.

SAML. S. GARVER, OF HAMILTON, OHIO.

IMPROVED SHUTTER-LOCK.

Specification forming part of Letters Patent No. 48,925, dated July 25, 1865.

To all whom it may concern:

Be it known that I, SAMUEL S. GARVER, of Hamilton, in the county of Butler and State of Ohio, have invented a new and Improved Shutter-Lock for Store-Doors and Similar Purposes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an outer end view of my invention; Fig. 2, an inner end view of the same; Fig. 3, a section of the same, taken in the line *x x*, Fig. 2.

Similar letters of reference indicate like parts.

This invention consists in the employment or use of a rack-bolt and a pinion or part pinion, arranged as hereinafter fully shown and described.

A represents the case of the lock, which may be of any proper form, and has a case, B, fitted within it, said bolt having a longitudinal slot, *a*, made in it to receive a rod, *b*, which serves as a guide for the bolt, as shown clearly in Figs. 2 and 3. This bolt is notched to form a rack at one edge, as shown clearly in Fig. 3, at *c*, and into this rack a pinion or part pinion,

C, gears, the latter having a square opening, *d*, at its center to receive a key, which is simply a square rod. The bolt B is provided with a projection, *e*, to serve as a stop, the part pinion C having a notch, *f*, made in it to receive the projection when the bolt B is thrown back or unlocked, as shown clearly in Fig. 3. The bolt B has a spring, D, bearing upon its edge to prevent it from moving casually. The bolt, it will be seen, may be readily moved back and forth in order to lock and unlock the lock by turning the pinion C with the key. The lock-case A is fitted in a mortise either in the door or shutter.

The device is extremely simple and efficient, may be constructed at a very moderate cost, and readily applied.

I claim as new and desire to secure by Letters Patent—

The door or shutter lock herein described, consisting of the case A, rack-bolt B, pinion or segment C, projection *e*, notch *f*, and friction-spring D, all constructed and arranged substantially as and for the purpose specified.

SAML. S. GARVER.

Witnesses:

WILLIAM R. COPPAGE,
P. K. LANDIS.