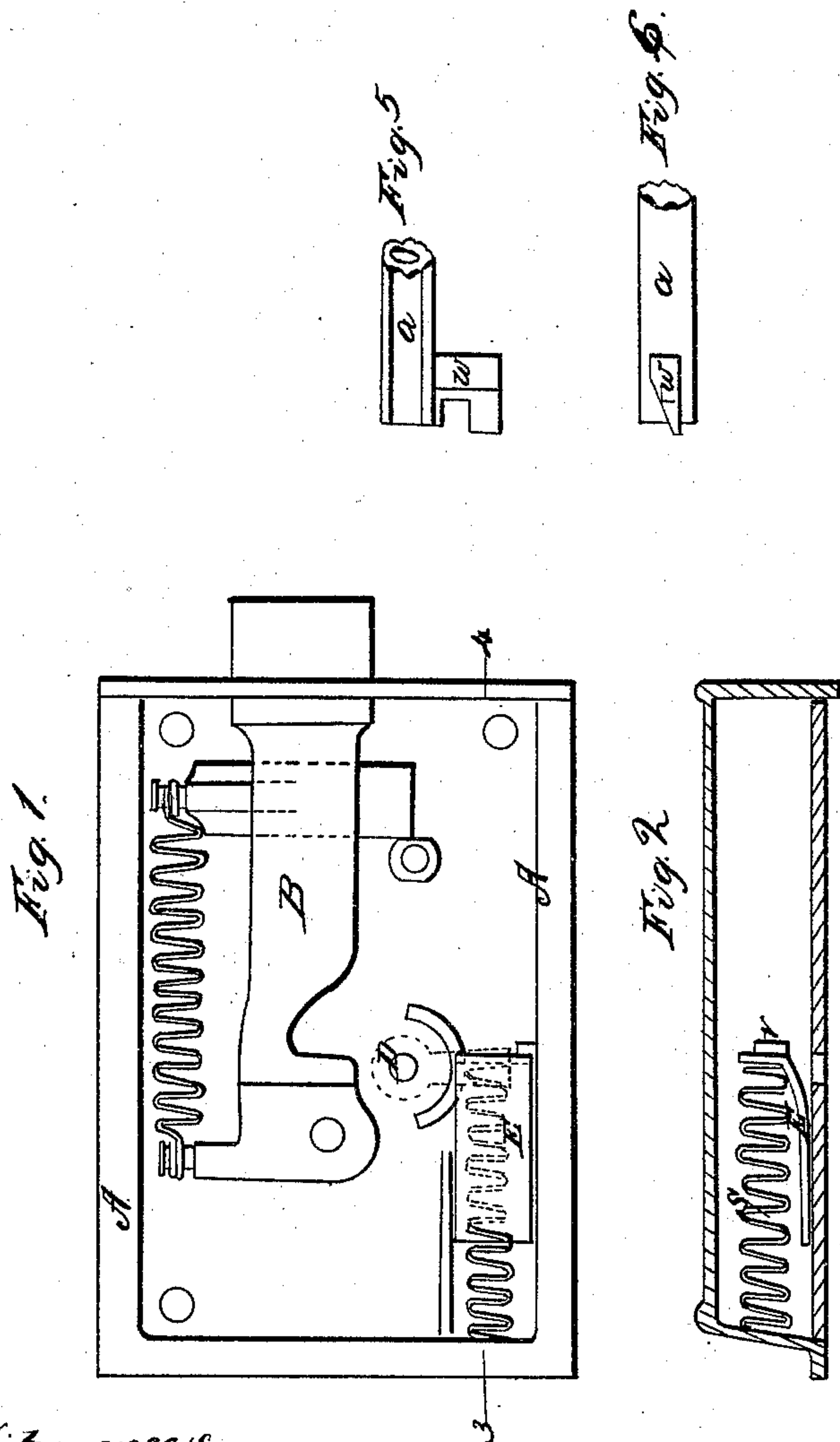


H. Hartwig,
Key-Hole Guard.
N^o 32,226. Patented Apr. 30, 1861.



Witnesses
Henry E. Rogers
Julian Keen

Inventor
Henry Hartwig

UNITED STATES PATENT OFFICE.

HENRY HARTWIG, OF NEW YORK, N. Y.

IMPROVEMENT IN LOCKS.

Specification forming part of Letters Patent No. 32,226, dated April 30, 1861.

To all whom it may concern:

Be it known that I, HENRY HARTWIG, of New York, in the county and State of New York, have invented a new and useful Improvement in Locks; and I hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the arrangement of a slide or wedge operated by a spring, so as to cover up partly the key-hole, said slide or wedge being pressed clear of the key-hole by the introduction of a wedge-shaped key.

Figure I represents the inside of a lock with the back plate removed, and Fig. II is a section at the line III IV.

A is the casing of the lock. B is the bolt, and constructed in the usual manner. D is the key-pin, upon which the key to operate the bolt is fixed, and around which the key turns. Below this key-pin D a slide, E, is fitted, moving in suitable ways or guides, and acted upon by a spring, S, in such a manner as to press and hold the said slide E in a position to close the lower part of the key-hole. A

projection, *v*, on the lock-case A prevents said slide E from being pressed too far forward. The forward end of this slide E is rounded or made wedge-shaped. In Figs. V and VI the end of the key is represented. *a* is the barrel of the same, which fits over the key-pin D, and *w* the bit in which the wads are cut out. The outer end of this bit *w* is made pointed or wedge-shaped. When the key is introduced into the key-hole, the straight side of the bit bears against one side of the key-hole, while the slanting or wedge-shaped side acts upon the wedge-shaped end of the sliding piece E, pressing the same clear of the key-hole, so as to allow the key to enter the lock-case and then operate the bolt B in the usual manner.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement and use of a wedge-shaped sliding piece, E, covering up the lower part of the key-hole, and operated by the introduction of the wedge-shaped bit of the key, as described.

HENRY HARTWIG.

Witnesses:

HENRY E. ROEDER,
JULIAN KEEN.