

L. G. Hoffman,

Lock.

N^o 54,162.

Patented Apr 24, 1866.

Fig. 2

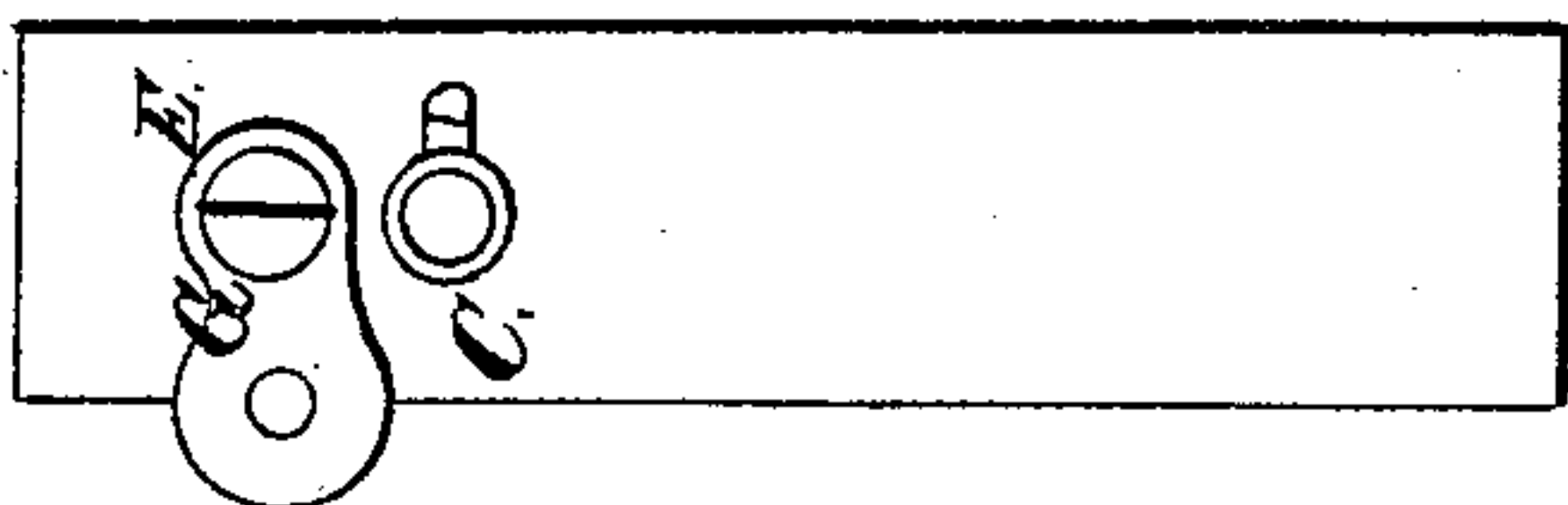
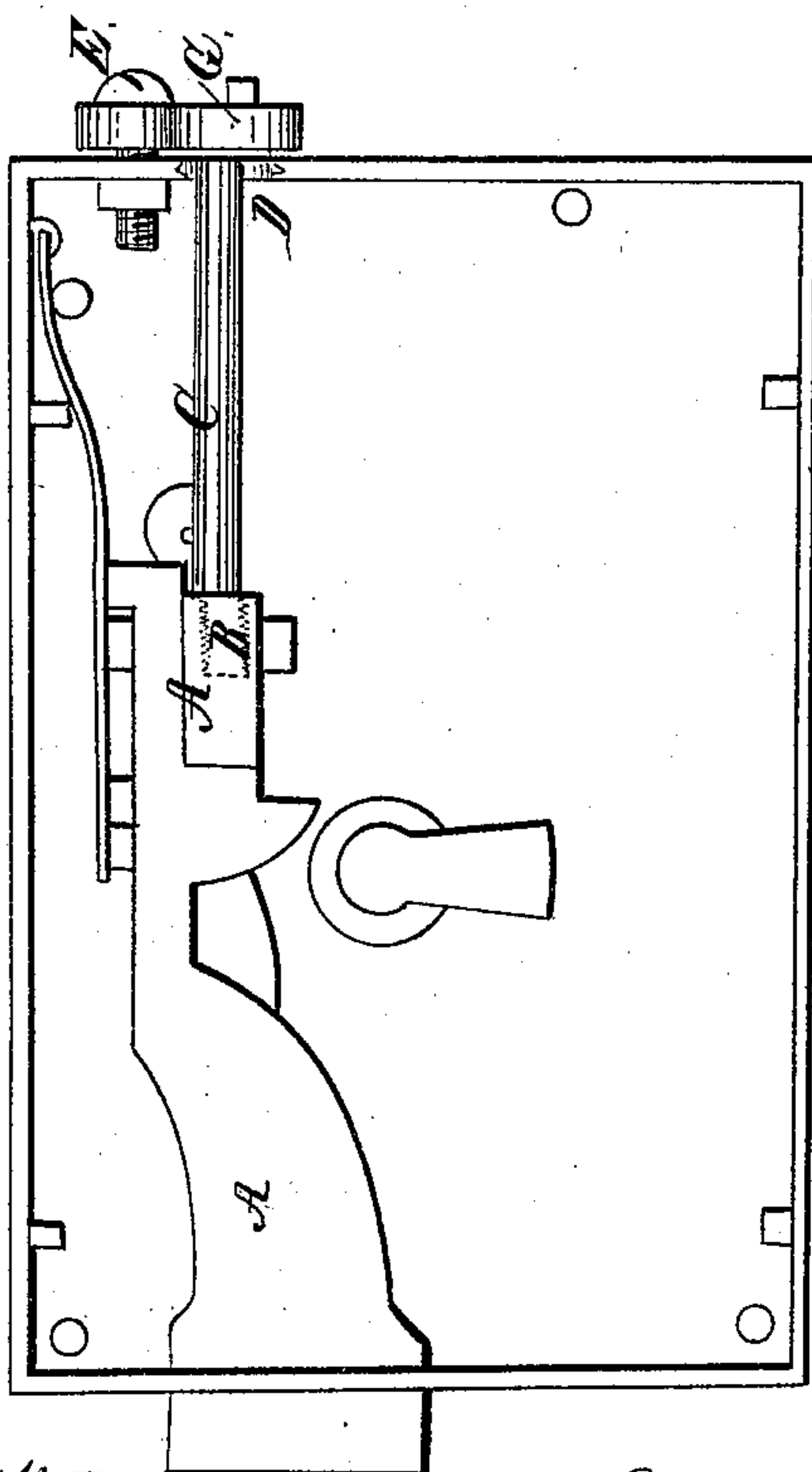


Fig. 1



Witnesses:

Thos. Van Dusen

A. V. DeWitt

Inventor:

Lewis G. Hoffman

UNITED STATES PATENT OFFICE.

LEWIS G. HOFFMAN, OF ALBANY, NEW YORK.

IMPROVEMENT IN LOCKS.

Specification forming part of Letters Patent No. 54,162, dated April 24, 1866.

To all whom it may concern:

Be it known that I, LEWIS G. HOFFMAN, of the city of Albany, State of New York, have invented a new and useful Improvement in the Construction of Door-Locks; and I declare the following specification, with the drawings forming part thereof, to be a full and complete description of my invention.

The object of my invention is to secure a door locked within from being opened by burglars by the use of false keys when its proper key has been withdrawn or by the turning of the key from the outside by the application of pinchers to the outer end of its stem.

Figure 1 shows the interior of an ordinary door-lock with my improvement attached; Fig. 2, an end view of the same.

Similar letters denote the same parts of the apparatus.

A is the bolt, which is moved to the right and left in the usual manner by its key. It is represented as projecting or locked within its staple.

To the back end of the bolt at B, and parallel with its line of motion, I attach, by screwing it in or otherwise, a stout metal rod, C, (wire,) extending from it through an orifice, D, perforated through the end wall of the lock, to the outer edge of that wall when the bolt is shot out, as shown.

To the outside of the wall I secure, by a strong screw or rivet, E, a stout button, G, so that when it is turned down, as shown in Fig. 1, over against the end of rod C it cannot be forced outward; but when turned up or from over orifice D the rod can pass outward, permitting the bolt to be turned inward, the rod projecting through D.

By the use of this simple apparatus all attempts to open the lock from without when locked from within, whether the key be left in the lock or not, will be frustrated.

An important feature of my apparatus is that it can be applied at a trifling cost to all, or nearly all, of that class of door-locks that are not mortise-locks, and therefore would be of great benefit by being attached to the present locks of chambers of hotels, boarding-houses, or steamboats.

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

The rod C, orifice D, and the button E, as applied to door-locks, substantially as described and for the purposes set forth in the above specification.

LEWIS G. HOFFMAN.

Witnesses:

RICH. VARICK DE WITT,
A. V. DE WITT.