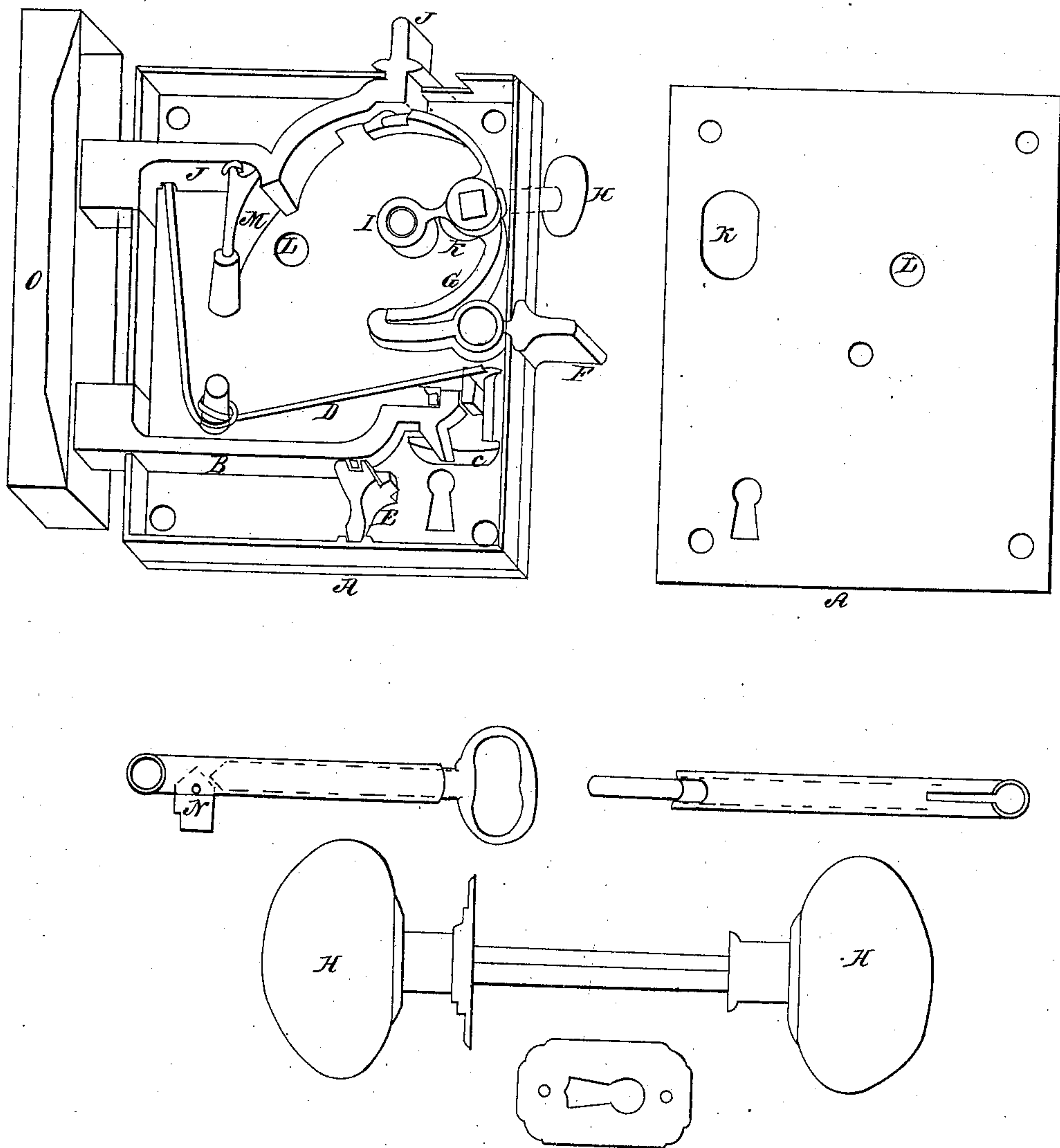


J. B. Erb,

Latch.

N^o 14,714.

Patented Apr. 22, 1856.



UNITED STATES PATENT OFFICE.

JOHN B. ERB, OF STRASBURG, PENNSYLVANIA.

DOOR-LOCK.

Specification of Letters Patent No. 14,714, dated April 22, 1856.

To all whom it may concern:

Be it known that I, JOHN B. ERB, of Strasburg township, county of Lancaster, and State of Pennsylvania, invented new
5 and useful Improvements in Door-Locks with Night-Keys; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters
10 of reference marked thereon, making a part of this specification.

The nature of my invention is the shape and construction of the night key and the drawing of the bolt by pressing upon the
15 knob instead of turning it.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and operation.

A is the frame of the lock, suitable for a
20 right or left hand door; B, the lower bolt; C, the sliding spring-drop operated on by the spring D; E, the ward which has the tenons on to suit a particular key; F, a guard which operates on a center, the one
25 end projecting outside of the frame A and the other end, which by being raised or lowered operates on the lower part of the semicircular slide G, so as to hold and fasten the slide G firmly and prevent it from being
30 operated on by the outside knob H.

The slide G operates on a pivot I when the outside knob H is pressed on, or slightly turned for the purpose of drawing back the bolt J when the door is to be opened. The
35 upper end of bolt J extends beyond the frame A so that by pressing against this upper end, the bolt J can be withdrawn,

on the inside of doors, while the bolt J could not have been operated on by the outside knob H, as the semicircular slide G was
40 secured by the guard F. The knob H is easily operated on by merely pressing it downward, or slightly turning it, which is to avoid the difficulty always heretofore
45 occurring in turning the common knobs to open the door; the knobs usually getting loose and not operating on their bolts; but with this improvement the knob H is pressed downward in an oval slot K, and thus easily
50 operates on the slide G and the bolt J is drawn backward, without any wear or tear or putting the lock out of order.

L is the aperture in which the night key is inserted, which passes through the ward M and draws back the upper bolt J.
55

The night key is made tubular, so that when it is put through the aperture L, the handle of the key is pressed inward, and forces out the wing N (which flies back to its place in the tube, when the key is being
60 withdrawn) which answers to and fits in the ward M, of the aperture L, and draws back the bolt J; O, the catch which holds the bolt.

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

The devices of the knob H, oval slot K and semicircular slide G as they operate upon the bolt J, all in combination substantially as herein described.

JOHN B. ERB.

Witnesses:

J. FRANKLIN REIGART,
M. CARPENTER.