

T. HENDRICKS.
LOCKS FOR DOORS, &C.

No. 179,919.

Patented July 18, 1876.

Fig. 1

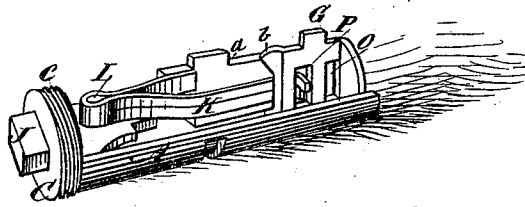


Fig. 2

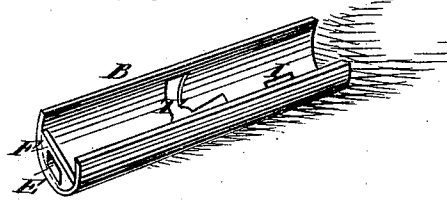


Fig. 3

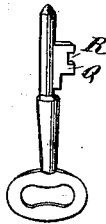


Fig. 4

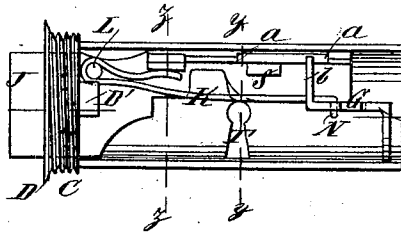


Fig. 7

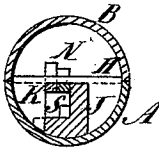


Fig. 8

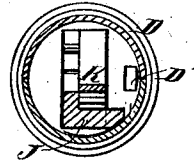


Fig. 5

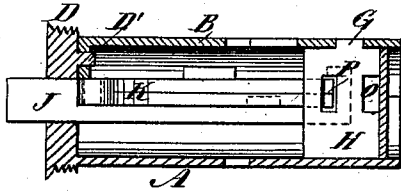
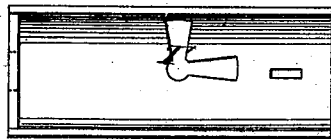


Fig. 6



WITNESSES:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

THEODORE HENDRICKS, OF NEW YORK, ASSIGNOR TO HIMSELF AND
WILLIAM E. PRICE, OF BROOKLYN, N. Y.

IMPROVEMENT IN LOCKS FOR DOORS, &c.

Specification forming part of Letters Patent No. **179,919**, dated July 18, 1876; application filed
May 16, 1876.

To all whom it may concern:

Be it known that I, THEODORE HENDRICKS, of the city, county, and State of New York, have invented a new and Improved Tubular Lock, of which the following is a specification:

The invention consists in providing the split or double spring of a tubular lock with hook ends that differ in length, to be applied in connection with the catch-plate, as hereinafter fully described.

In the accompanying drawing, Figure 1 is a perspective view of my improved lock with part of the case removed. Fig. 2 is a perspective view of the part of the case removed from Fig. 1. Fig. 3 is a perspective view of the key. Fig. 4 is a top view of the lock as represented in Fig. 1. Fig. 5 is a longitudinal section on line X X, Fig. 4. Fig. 6 is a plan of the part of the case represented in Fig. 2. Fig. 7 is a section on line Y Y, Fig. 4; and Fig. 8 is a section on line Z Z, Fig. 4.

Similar letters of reference indicate corresponding parts.

The case is made of two half-circular tubes, A B, and a face-plate, C, the latter being attached to the end of the part A of the case, and having a screw-thread, *c*, for screwing into the wood to secure the lock; also a bevel shoulder, D, for making a neat finish, flush with the surface. The part B of the case fits on the edges of the part A, and is fastened by the lug D' on the inside of the face-plate entering the slot E in the end plate F, and by

the stud G in the catch-plate H entering the slot I. J is the bolt, which, at the head, is as wide as the interior of the tube, but is narrowed to half the breadth, or thereabout, to make room for the keyway T, with one edge fitting against the wall of the tube, and the other resting on the plate H. The spring K is attached to the side of the bolt by the stud L, and is raised by the key without raising the bolt to engage and disengage the hooks N with the catch-slots O P, for fastening the bolt. This spring is split, or made in two parts, one of which has a longer hook or catch, N, than the other, to be raised by the bit Q, while the other is raised by the ward R, and there is a stud, S, on the bolt to prevent it from being raised by a key not having the ward. The shoulders *a* in the side of the bolt constitute the forward and backward stops, and act against the stud *b* of plate H, which bears against the side of the bolt to keep it in its place.

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

A tubular lock provided with a split or double spring, K, having hook ends of different length to engage with a catch-plate, as shown and described.

THEODORE HENDRICKS.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.