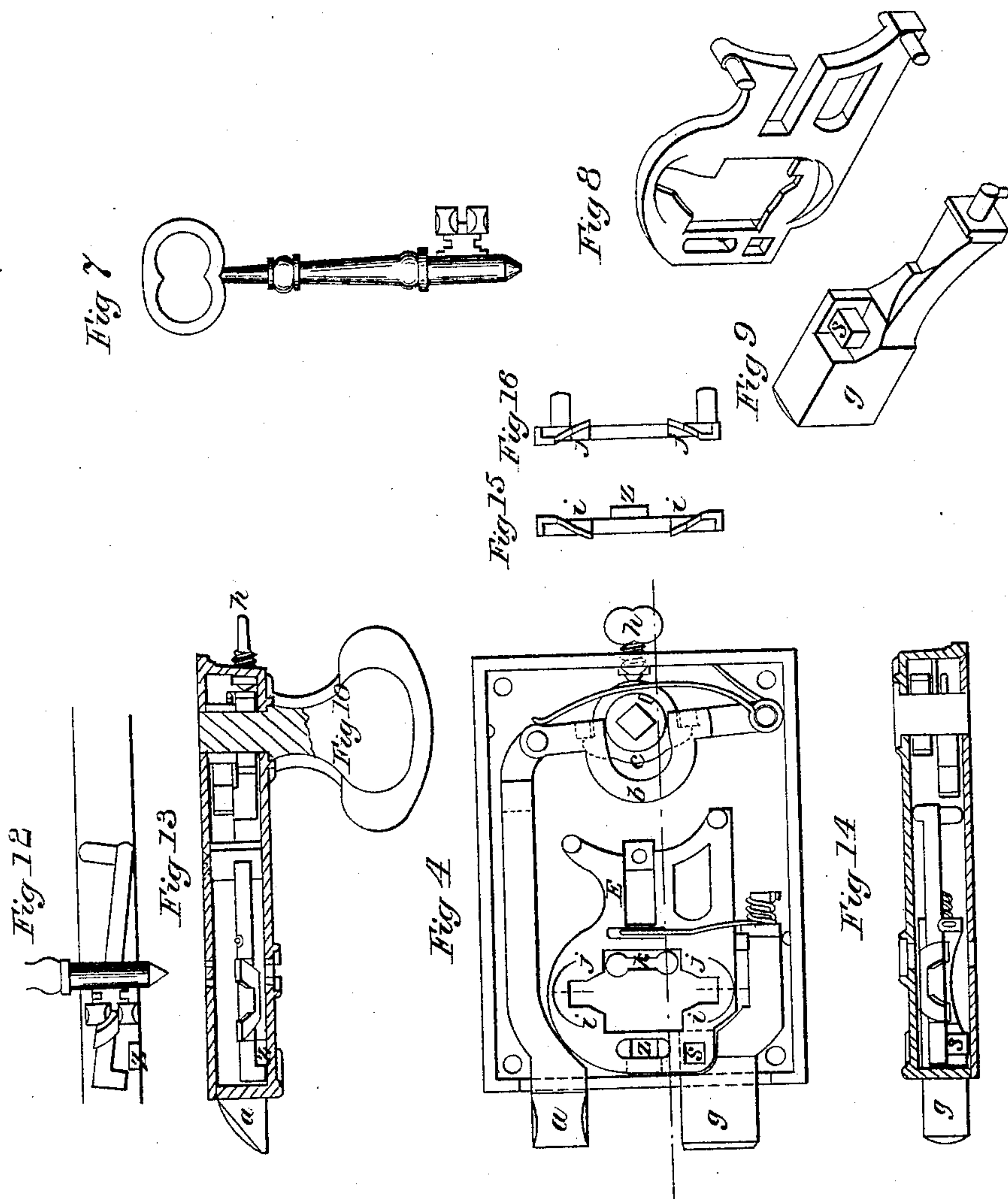


W. Warwick,

Door Latch.

N^o 12,526.

Patented Mar, 13, 1855.



UNITED STATES PATENT OFFICE.

WILLIAM WARWICK, OF BIRMINGHAM, PENNSYLVANIA.

DOOR-LOCK.

Specification of Letters Patent No. 12,526, dated March 13, 1855.

To all whom it may concern:

Be it known that I, WILLIAM WARWICK, of Birmingham, in the county of Allegheny and State of Pennsylvania, have invented a
5 new and useful Improvement Upon Locks; and I do hereby declare that the following is a full and exact description.

Figure No. 4, is an inside view of the horizontal lock. Fig. No. 7, is the key, showing
10 the beveled wards constructed to suit the lever arrangements of the lock. Fig. No. 8, is the lever or tumbler as used in the lock, having two double tracks upon which the key travels and by which key the tumbler
15 part of the lever is raised, so that by the use of side arms upon the lever the tumbler is again acted upon and the lock bolt thrown in or out. Fig. No. 9 is the lock bolt, without side
20 arms but having a pin attached over which the lever falls and by the influence of the key upon the lever the bolt is locked or unlocked. Fig. No. 10 is the permanent
25 shank or knob, having grooves into which the follower is placed and by means of a wedge (No. 11) is secured. Fig. No. 12 is a
view showing the playing of the key upon the tumbler which is raised in the act of going over the stud Z. Fig. No. 13 is a longitudinal horizontal view showing that part
30 of the lock in which the latch bolt is located and where the stud Z and tumbler are seen the tumbler in a secured position. Fig. No. 14 is a longitudinal horizontal view showing that part of the lock in which is located the
35 lock bolt and where the pin S is seen on the lock bolt, over which pin the tumbler falls and so carries the bolt along. Figs. No. 15 and 16 is a dissected view of the tumbler in its perpendicular position.

Letter *a*, is the latch bolt. Letter *b*, is the
latch lever. Letter *c*, is the follower. Letter *d*, is the end view of the shank. Letter *e*,
is the lock bolt lever or tumbler. Letter *g*,
is the lock bolt. Letter *h*, is the thumb
40 screw fastening the latch. Letters *i* and *j* 45
are the locations of side arms and beveled track of the lever. Letter *k* is the double key hole. S is the pin of the lock bolt. Z is the stud securing the lock bolt in its position.
50

My invention consists in so constructing and arranging a tumbler in relation to the bolt of the lock, that the bolt is held in a fixed position when locked by the tumbler
55 and thus made to resist the outward pressure given by the burglar in picking tumbler locks.

The advantages of my improvement are, first, the great additional security against lock-pickers, obtained by the double action
60 upon the lever or tumbler by the beveled ward key; second, in addition to its safety against burglars is that its construction makes it applicable to doors swinging either
65 to the right or left.

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

The so forming of the tumbler with beveled edges for the key to operate it and so arranging it in relation to the bolt and the
70 stud Z that when locked, the bolt is held from against pressure, by the tumbler fitting over the stud Z as herein set forth.

WILLIAM WARWICK.

Witnesses:

R. EDWARDS,
A. MEADER.