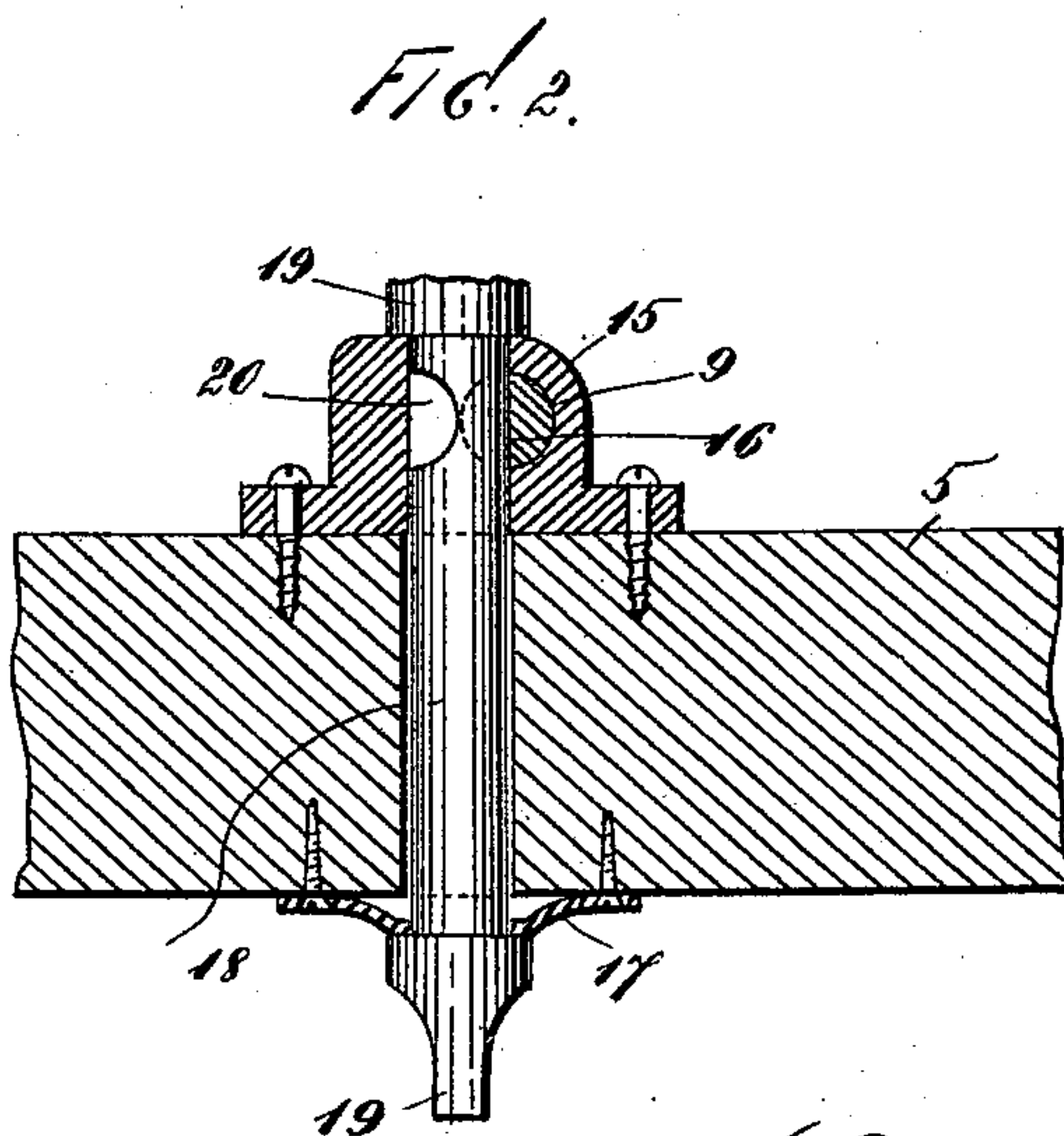
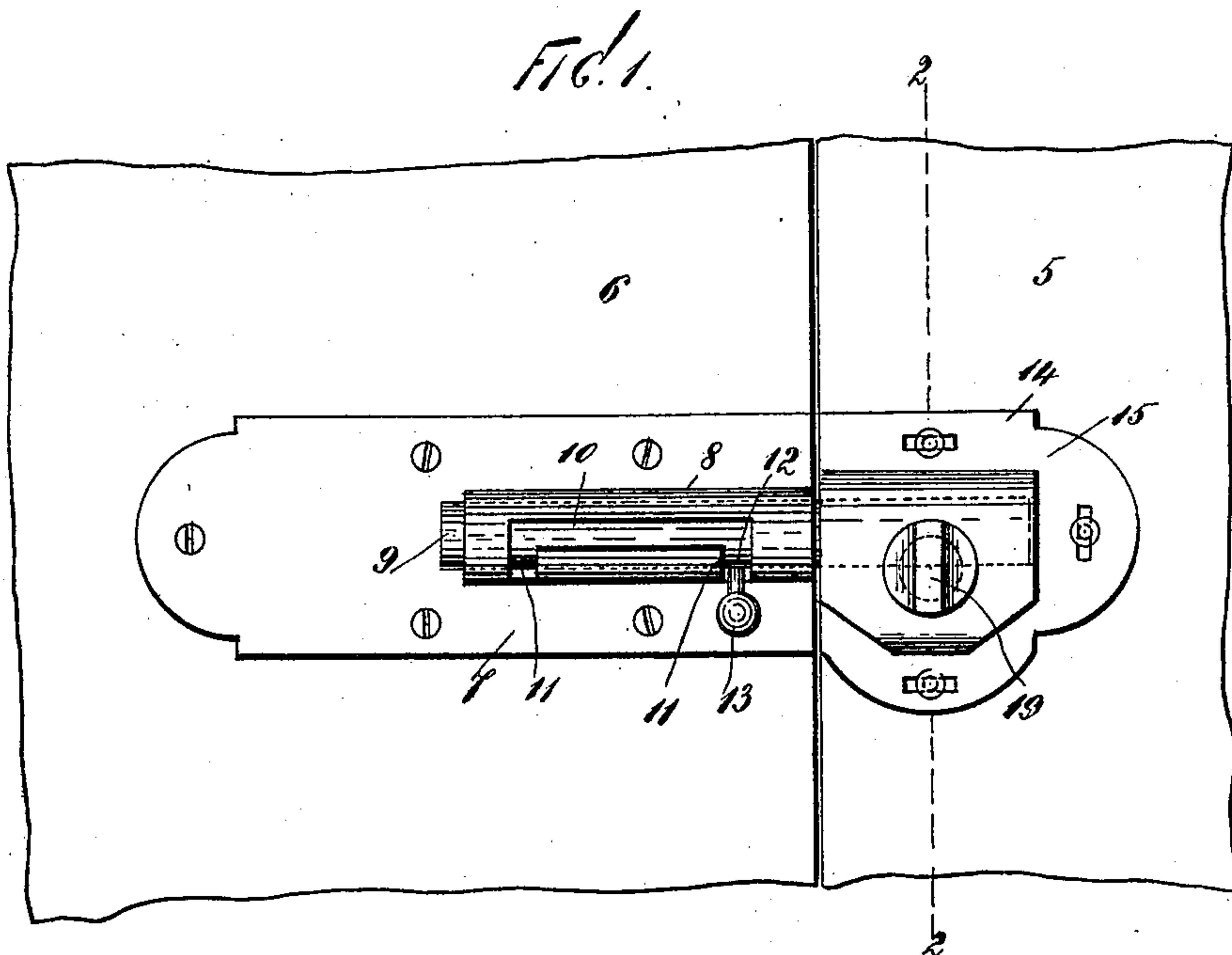


(No Model.)

L. H. BIGELOW.
BOLT.

No. 594,931.

Patented Dec. 7, 1897.



WITNESSES:

John Buckler
C. Gerst.

INVENTOR

Levi H. Bigelow.
BY
Edgar Tate & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LEVI H. BIGELOW, OF FREMONT, MICHIGAN, ASSIGNOR OF ONE-HALF TO
JOHN F. GIBSON, OF SAME PLACE.

BOLT.

SPECIFICATION forming part of Letters Patent No. 594,931, dated December 7, 1897.

Application filed May 7, 1897. Serial No. 635,486. (No model.)

To all whom it may concern:

Be it known that I, LEVI H. BIGELOW, a citizen of the United States, residing at Fremont, in the county of Newaygo and State of Michigan, have invented certain new and useful Improvements in Locks, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

10 This invention relates to fastening devices for use in locking doors, windows, gates, and for other and similar purposes; and the object thereof is to provide an improved device of this class which is simple in construction
15 and operation and which is also comparatively inexpensive.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

20 Figure 1 is a front view of a part of a door and the frame thereof, showing my improved lock-bolt in connection therewith; and Fig. 2, a section on the line 2 2 of Fig. 1.

In the drawings forming part of this specification the separate parts of my improvement are designated by the same numerals of reference in each of the views, and in said drawings I have shown at 5 a part of one side of a door-frame and at 6 a part of a door, and
30 in the practice of my invention I secure to or connect with the door in any desired manner a plate 7, which is provided with a longitudinal tubular casing 8, in which is mounted a locking-bolt 9, and the tubular casing 8 is
35 provided with a longitudinal slot 10, at each end of which is an angular extension 11, and the bolt 9 is provided at one side with a pin 12, which is provided with a knob or head 13, all these features of construction being well
40 known. I also secure to or connect with the frame of the door, in any desired manner and at the inner side thereof, a plate 14, which is provided with a longitudinal bearing 15, through which the end of the bolt 9 is adapted
45 to pass, and said bolt is provided adjacent to the outer end thereof with a semicircular notch or recess 16, and the opposite side of the frame of the door is provided with a plate 17, and passed through the frame of the door
50 and through the plate 17 at the outer side thereof and the plate 14 at the inner side

thereof and through the bearing 15 is a shaft or bolt 18, which is provided at each end with a flattened knob or head 19, and that end of the shaft or bolt 18 which passes through the
55 keeper 15 is provided at one side thereof with a semicircular notch or recess 20. As thus constructed it will be seen that the shaft or bolt 18 may be turned so as to lock the bolt 9 in the keeper 15, and said shaft or bolt 18
60 may also be turned so that the bolt 9 may be withdrawn from said keeper, and the bolt 9 may be turned in the tubular casing 8 by means of the knob or head 13, as will be readily understood, and the shaft or bolt 18 may be
65 turned by the knob or head 19 at each end thereof.

The form of the knobs or heads 19 at the ends of the shaft or bolt 18 is such that the position of said knobs or heads will indicate
70 the position of the shaft or bolt 18 and also whether or not said shaft or bolt 18 and the locking-bolt are locked in connection, and it will thus be seen that I accomplish the object of my invention by means of a device which
75 is simple in construction and operation and which is also comparatively inexpensive.

It will also be apparent that changes in and modifications of the construction herein described may be made without departing from
80 the spirit of my invention or sacrificing its advantages and that my improvement may be applied to gates, windows, and other articles of this class as well as doors.

Having fully described my invention, I
85 claim as new and desire to secure by Letters Patent—

1. A lock for use in connection with doors, gates and for other purposes, said lock consisting of a plate which is provided with a longitudinal tubular casing in which is mounted
90 a longitudinally-movable locking-bolt, in one end of which is formed a semicircular notch or recess, another plate which is provided with a longitudinal keeper which is adapted
95 to receive said locking-bolt, and a shaft or bolt which is passed through said last-named plate, and said keeper at right angles to the locking-bolt, said shaft or bolt being also provided adjacent to one end thereof, with a
100 semicircular notch or recess, substantially as shown and described.

2. A lock for use in connection with doors,
gates and for other purposes, said lock con-
sisting of a plate which is provided with a lon-
gitudinal tubular casing in which is mounted
5 a longitudinally-movable locking-bolt, in one
end of which is formed a semicircular notch
or recess, another plate which is provided
with a longitudinal keeper which is adapted
to receive said locking-bolt, and a shaft or
10 bolt which is passed through said last-named
plate, and said keeper at right angles to the
locking-bolt, said shaft or bolt being also pro-
vided adjacent to one end thereof, with a

semicircular notch or recess, and said shaft
or bolt being provided at its opposite ends 15
with knobs or heads, substantially as shown
and described.

In testimony that I claim the foregoing as
my invention I have signed my name, in pres-
ence of the subscribing witnesses, this 3d day 20
of May, 1897.

LEVI H. BIGELOW.

Witnesses:

JOHN WILLIAMS, Jr.,
S. W. DUNHAM.