

(Model.)

H. M. PAINE.
KNOB FOR LATCH LOCKS.

No. 246,631.

Patented Sept. 6, 1881.

Fig. 1.

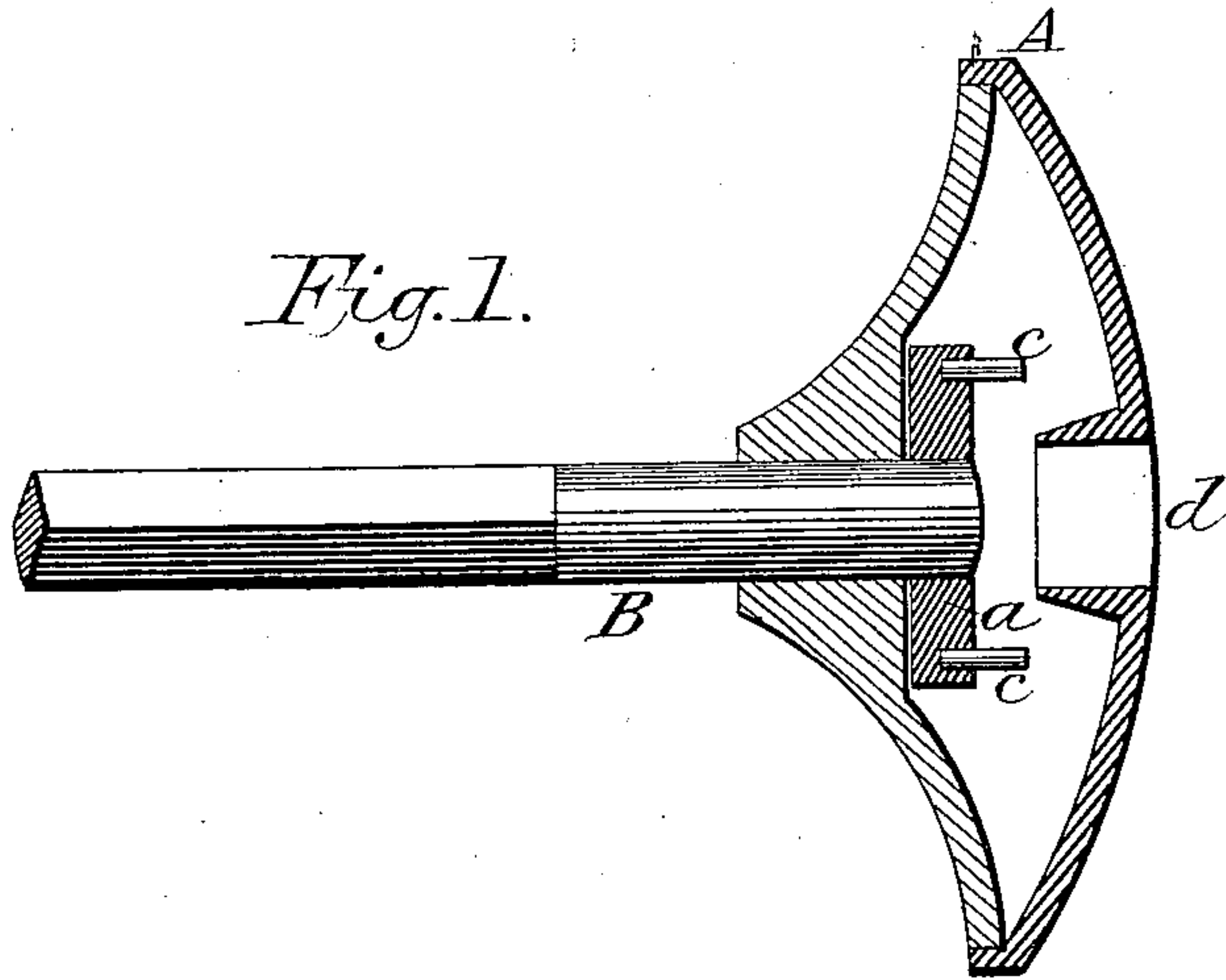


Fig. 4.

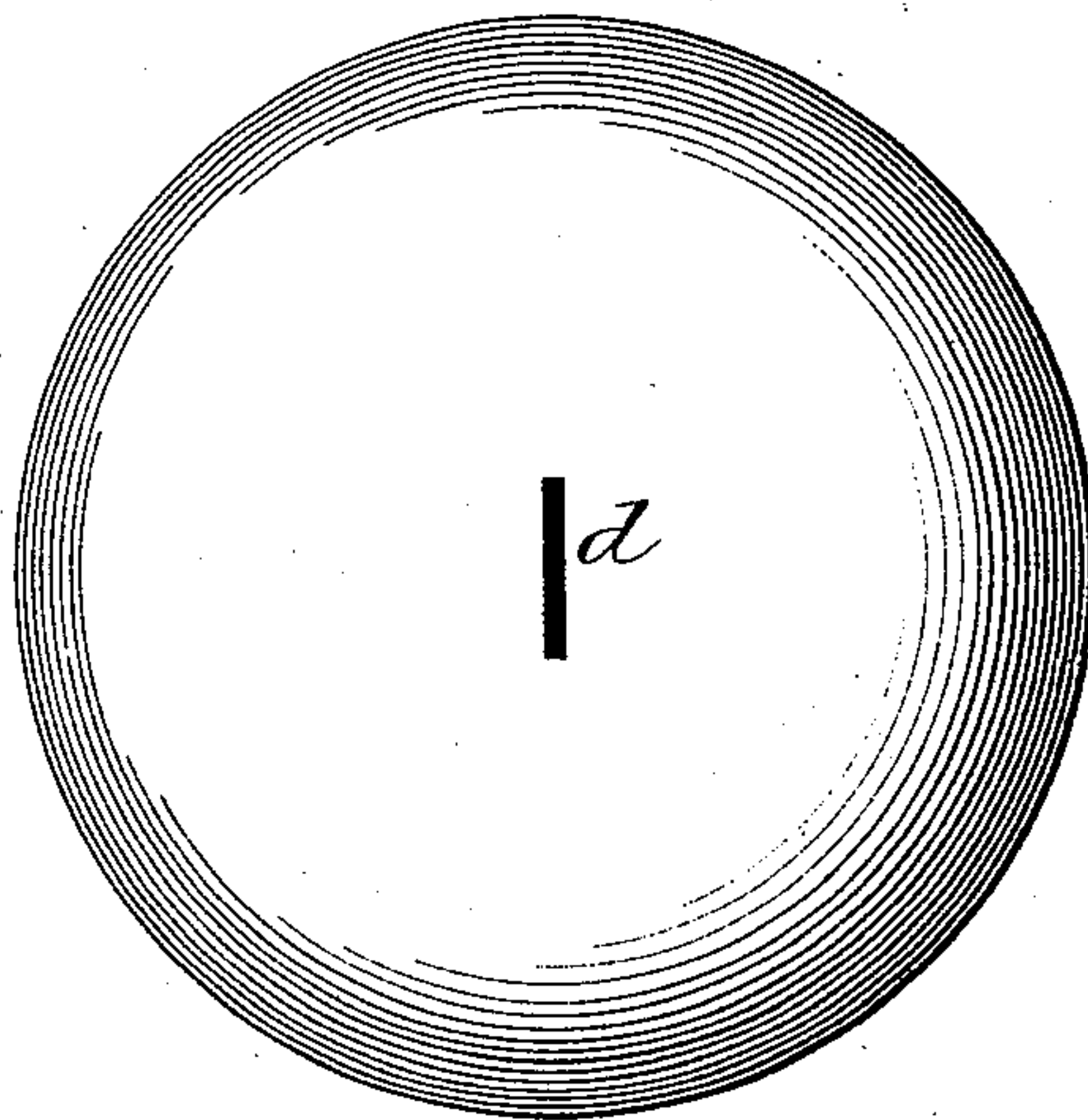


Fig. 2.

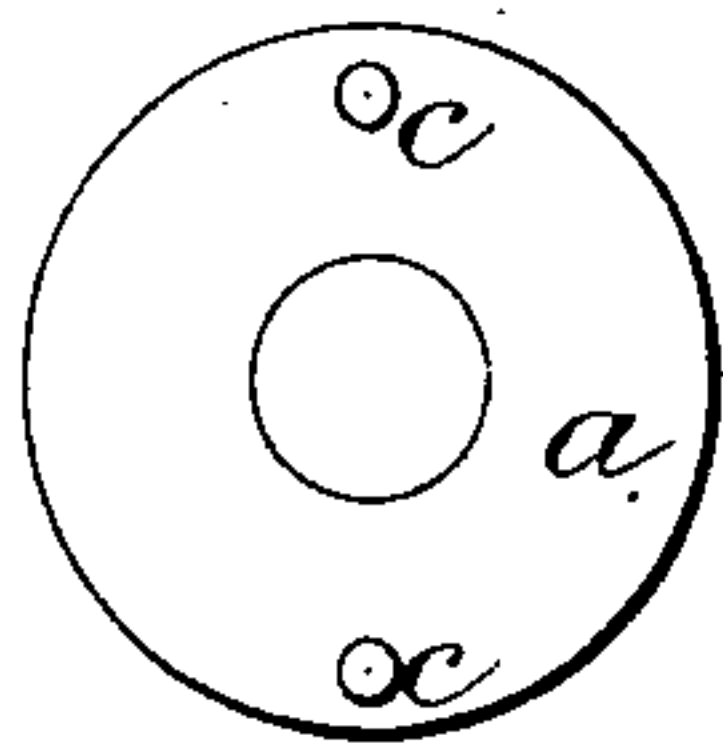
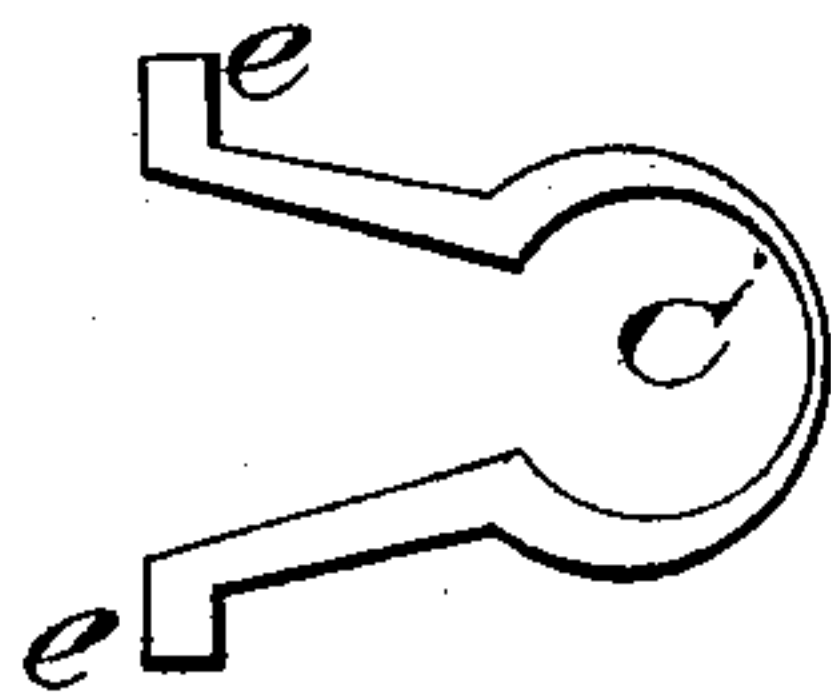


Fig. 3.



Witnesses:
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HENRY M. PAINE, OF NEWARK, NEW JERSEY, ASSIGNOR TO BENNET
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KNOB FOR LATCH-LOCKS.

SPECIFICATION forming part of Letters Patent No. 246,631, dated September 6, 1881.

Application filed March 30, 1881. (Model.)

To all whom it may concern:

Be it known that I, HENRY M. PAINE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Door-Knobs, of which the following is a specification.

In the accompanying drawings, Figure 1 is a vertical longitudinal section of my improved knob. Fig. 2 is a top view of the collar. Fig. 3 shows the key, and Fig. 4 is a front view of the knob in place.

The object of my invention is to make the external knob of a door perform the duties of a lock.

The nature of my invention consists in fitting the external knob, A, Fig. 1, loose on the shank B. On the head of the shank is secured a collar, *a*, on the face of which are inserted studs *c c'*. The face of the knob, Figs. 1 and

4, is slotted, *d*, in its center to receive a spring-key, C, Fig. 3.

It will be seen that when the key is not in the slot the knob will be inoperative to turn the shank, but that when the key is in position the lugs *e e*, Fig. 3, will engage the studs *c c'*, Fig. 1, and secure the knob to the shank.

I do not confine myself to the peculiar form of key set forth, as its devices may be as varied as that of any other form of lock.

I claim—

The loose knob A, in combination with the shank B, collar *a*, studs *c c'*, and spring-key C, substantially in the manner and for the purpose set forth.

HENRY M. PAINE.

Witnesses:

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