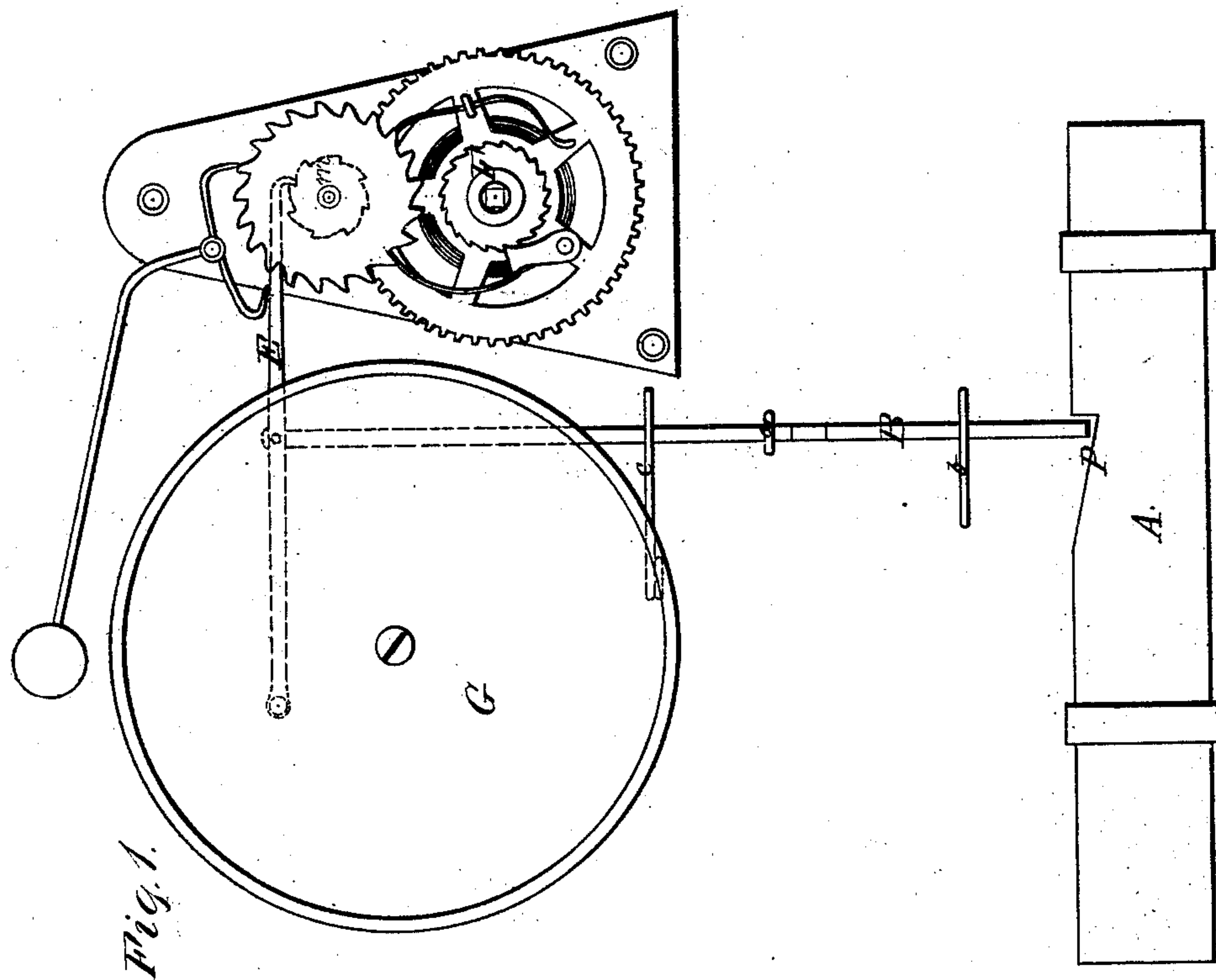
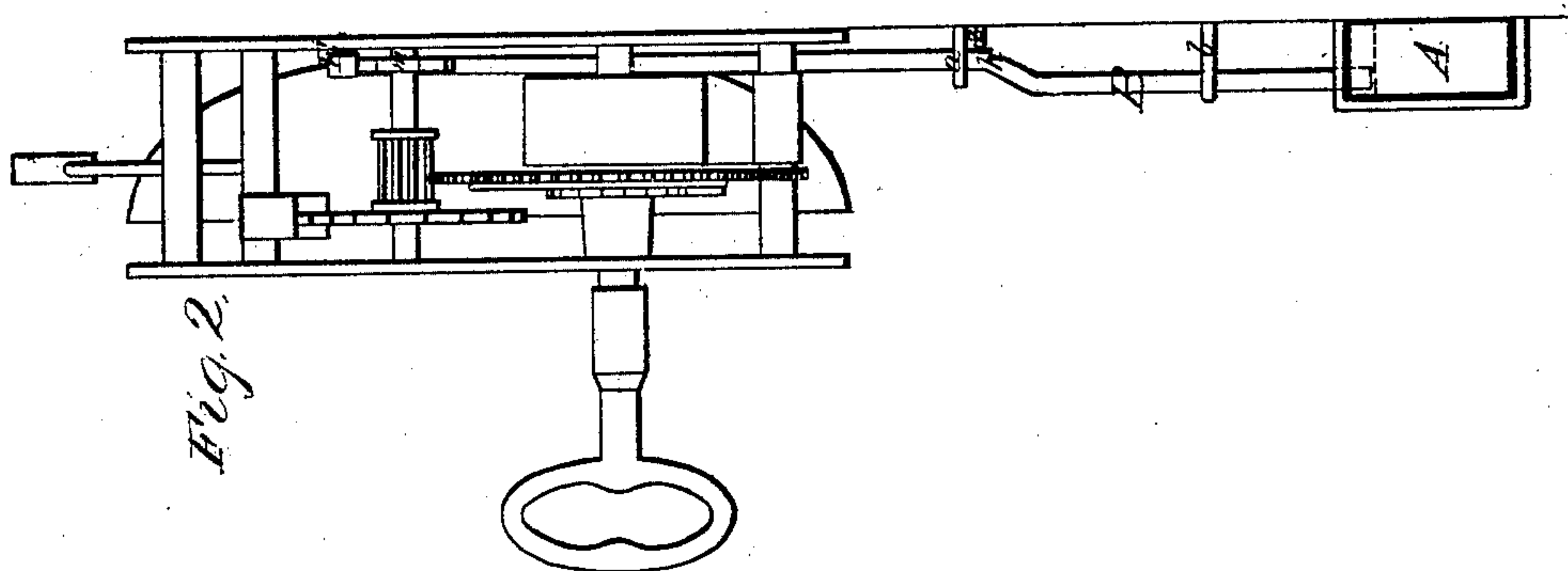


J. J JACKSON.

Alarm Lock.

No. 94,604.

Patented Sept. 7, 1869.



Witnesses
E. W. Anderson
D. L. Kane

Inventor
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JAMES J. JACKSON, OF CURWINSVILLE, PENNSYLVANIA.

Letters Patent No. 94,604, dated September 7, 1869.

IMPROVED BURGLAR-ALARM.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES J. JACKSON, of Curwinsville, in the county of Clearfield, and State of Pennsylvania, have invented a new and valuable Improvement in Burglar-Alarms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a top view of my alarm.

Figure 2 is a side view of the same.

My invention relates to a means for rendering bolts secure against burglars, and consists, mainly, in the construction and novel arrangement of devices, whereby the bolt is made to set off an alarm, when moved backward in the direction of its length.

The letter A, of the drawings, represents a bolt, of any pattern, having a notch in its upper surface, so formed that one of its walls is perpendicular, and the other gradually inclined.

The letter B represents a bar, confined to the door or window, by staples *a* and *b*, and spring *c*, and pivoted to the pawl E, at about its centre.

The pawl E is pivoted at one end to the door, and has its other end working in the teeth of the ratchet-wheel *m*, which controls the movement of the alarm-mechanism F.

G represents the alarm-bell.

The rod B is bent at *h*, and has a notch or step cut into its lower side.

My device is thus operated:

When the bolt is closed into its socket, the bar B is lifted so that the upper face of the notch *h* will be dislodged from the pin *z*, which is fastened into the door.

Its foot will fall into the deepest part of the notch *p* in the bolt. The alarm is now wound up, the pawl E controlling the action of the spring of the alarm.

It is obvious that any attempt to cause the bolt to recede must result in lifting the foot of the rod A, on the inclined plane of the notch *p*, and thereby raising the pawl E out of, and clear of the teeth of the ratchet-wheel *m*, thus setting off the alarm.

The step *h* lodging on the pin *z*, and being held there by the action of the spring *c*, keeps the pawl E raised from the ratchet-wheel *m*, so that the alarm, being once set off, will run down.

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

The bolt A, having notch *p*, in combination with the bar B, having step *h*, working on pin *z*, and pivoted to pawl E, controlling, through ratchet-wheel *m*, the clock-work of the alarm G.

In testimony that I claim the above, I have hereunto subscribed my name, in the presence of two witnesses.

JAMES J. JACKSON.

Witnesses:

P. GALLAGHER,
J. W. HANEY.