

J. D. Perkins,

Till Alarm.

No. 90,187.

Patented May 18. 1869.

Fig. 1

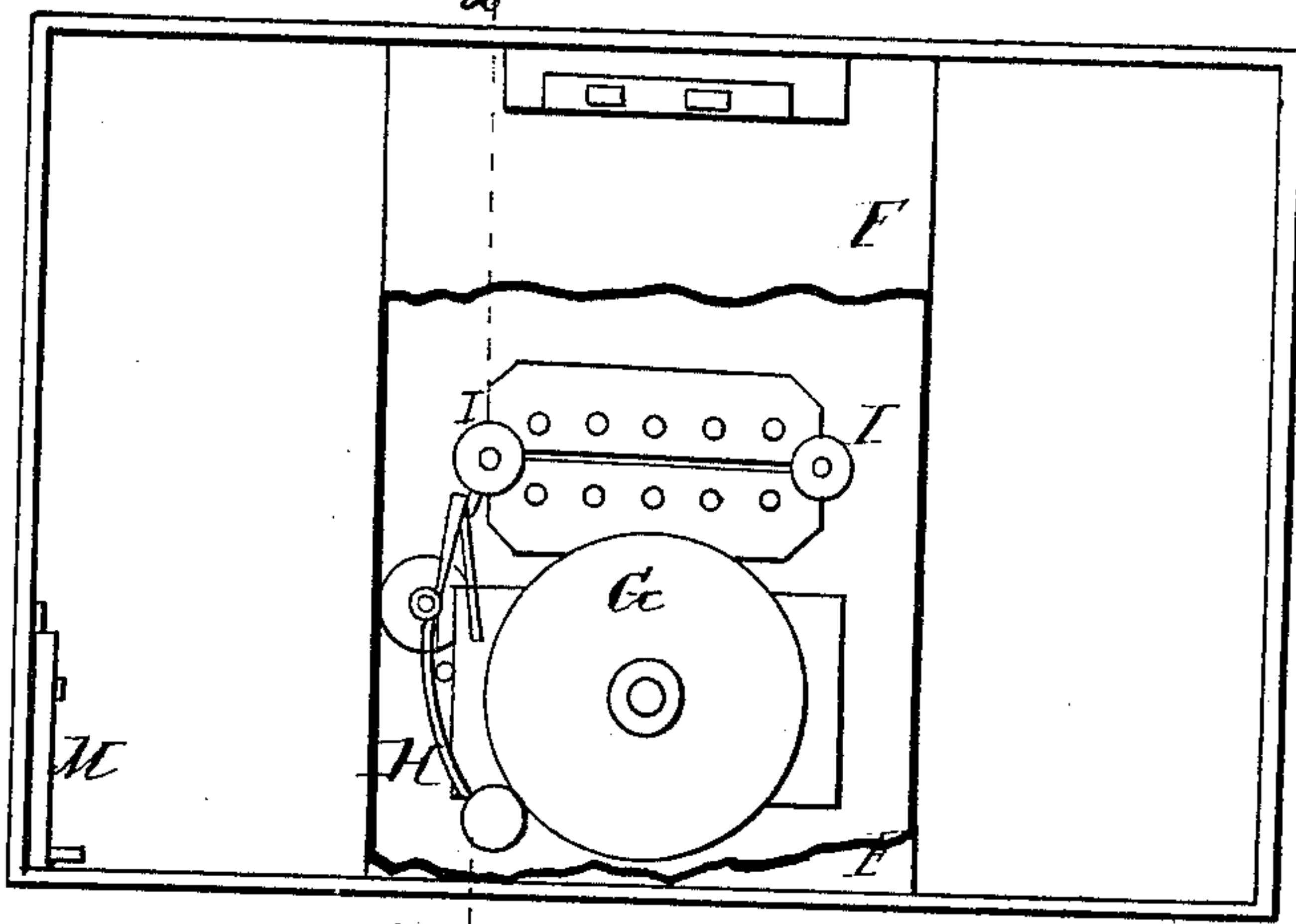


Fig. 2.

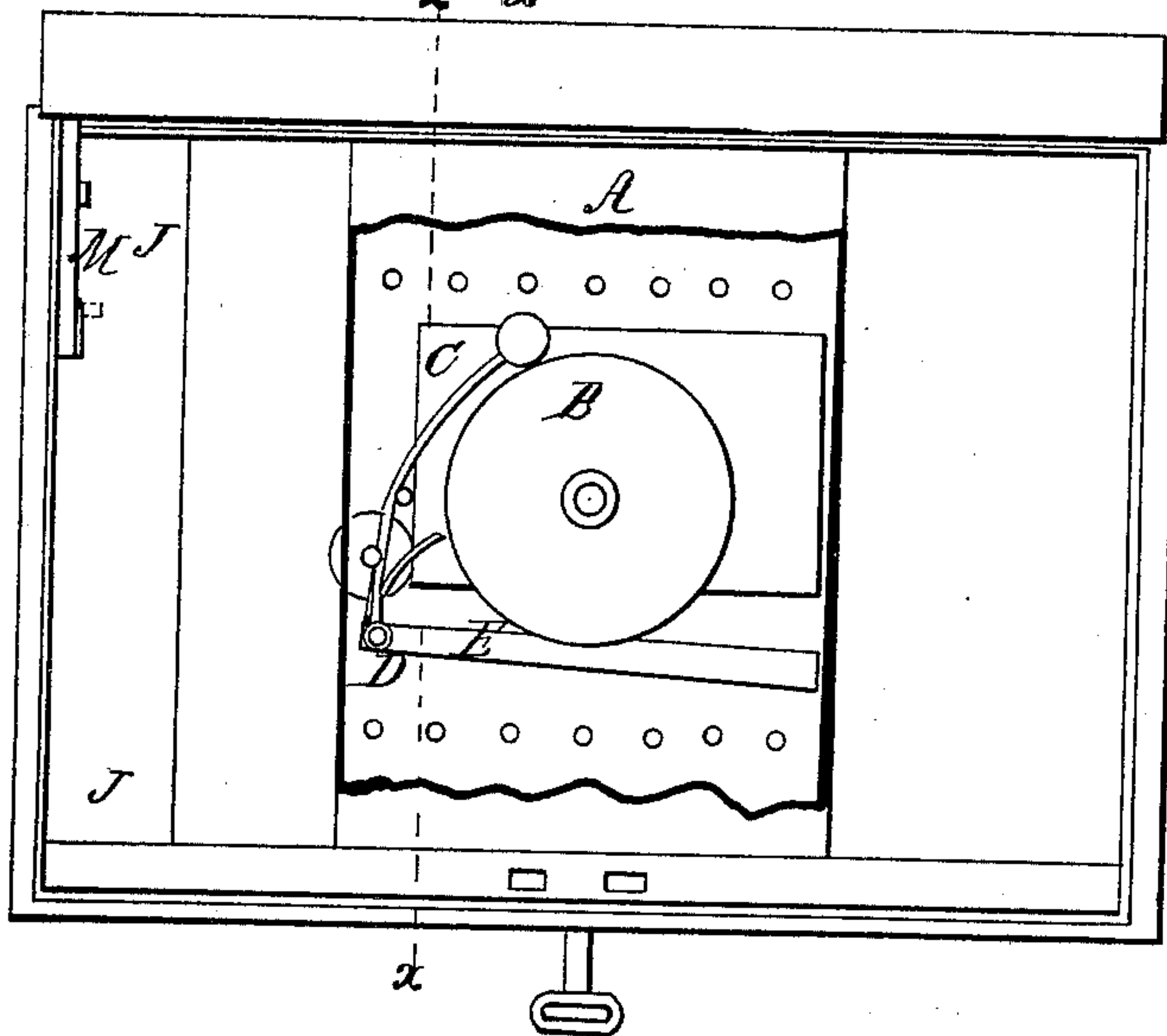
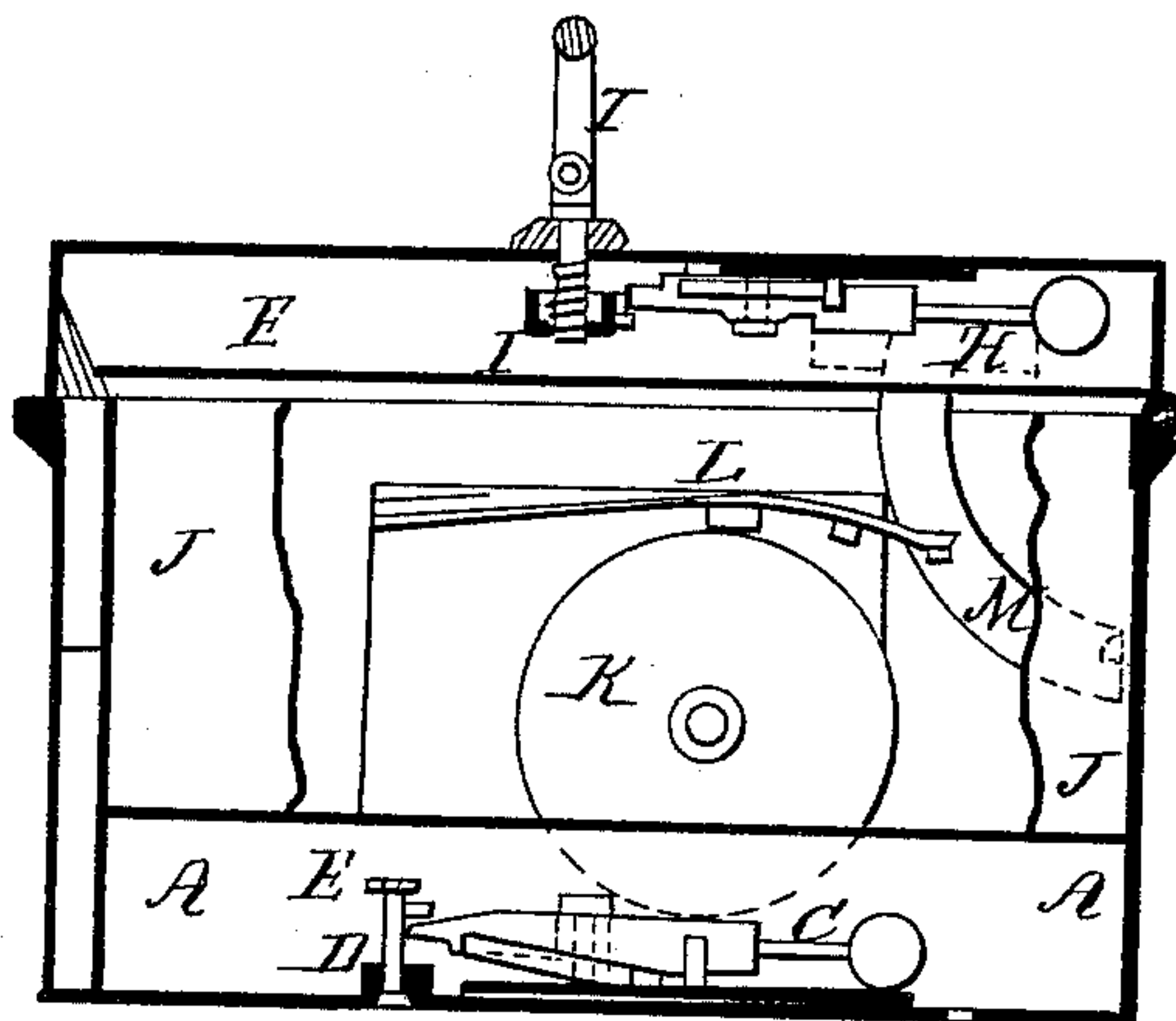


Fig. 3.



Attest,

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J. DEMING PERKINS, OF NEW YORK, N. Y.

Letters Patent No. 90,187, dated May 18, 1869.

IMPROVED ALARM CASH-BOX

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, J. DEMING PERKINS, of New York city, in the county and State of New York, have invented a new and useful Improvement in Alarm Cash-Box; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is an under-side view of the lid of my improved cash-box, part of the cap-plate being broken away.

Figure 2 is a top view of the bottom of the box, part of the cap-plate being broken away.

Figure 3 is a vertical section of the same, taken through the lines *x x*, figs. 1 and 2.

My invention has for its object to furnish an improved portable cash-box, which shall be so constructed and arranged as to sound an alarm should the box be opened or raised from the counter or other place where it may be standing; and

It consists in the combination of one or more bells with the cash-box, in such a way that the bell or bells may be sounded by weight or pressure whenever the box may be opened or raised, as hereinafter more fully described.

In the bottom of an ordinary cash-box is formed a compartment, A, in which is placed a gong or other bell, B, with the hammer C of which is connected a stem, D, passing out through the bottom of the box, and attached to the free end of a spring, E, the other end of which is attached to the bottom of the box.

The connection between the stem D and hammer C is so arranged that when the box is set down, the said stem D will be pushed inward, and will raise the hammer C away from the bell B; but as soon as the box is raised from its place, the pressure of the spring E will force the stem D outward, releasing the hammer C, and sounding an alarm.

F is a compartment formed in the lid of the cash-box, in which compartment is placed a gong or other bell, G, the hammer H of which is connected with the

inwardly-projecting end of one of the stems of the handle I, in such a way that when the box is raised by the handle, the handle-stems will be drawn out a little by the weight of the box and the alarm sounded, the handle-stems being drawn back to their places, when the box is again set down by small springs coiled around or connected with said stems.

In one end of the cash-box is formed a compartment, J, in which is placed a gong or other bell, K, the hammer L of which is so placed that it may be operated by a stem or projection formed upon the arm M, the upper end of which is attached to the lid of the box, and which arm at the same time serves as a stop to prevent the said lid from being opened too far.

By this means it will be impossible for the box to be opened, wherever it may be, without sounding an alarm.

The arrangement of means by which the bells are sounded can be so readily varied that I do not wish to confine myself to the particular arrangements herein shown and described.

Having thus described my invention,

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

1. Operating the alarm mechanism through the box-handle I, which is provided with the coiled spring, substantially as herein shown and described.

2. The combination of the curved arm M, having the laterally-projecting pin, with the cover of the box, the spring-hammer L, and the bell K, arranged in the end compartment of the box, all operating as described, to sound the bell when the cover is raised, as herein set forth and shown.

3. The combination of the bells B & K, and their operating-mechanism, with the cash-box and cover, all arranged as described, for the purpose specified.

The above specification of my invention, signed by me, this 8th day of February, 1869.

J. DEMING PERKINS.

Witnesses:

FRANK BLOCKLEY,
JAMES T. GRAHAM.