

S. G. LEVEY.  
Call-Bells.

No. 153,262.

Patented July 21, 1874.

Fig. 1.

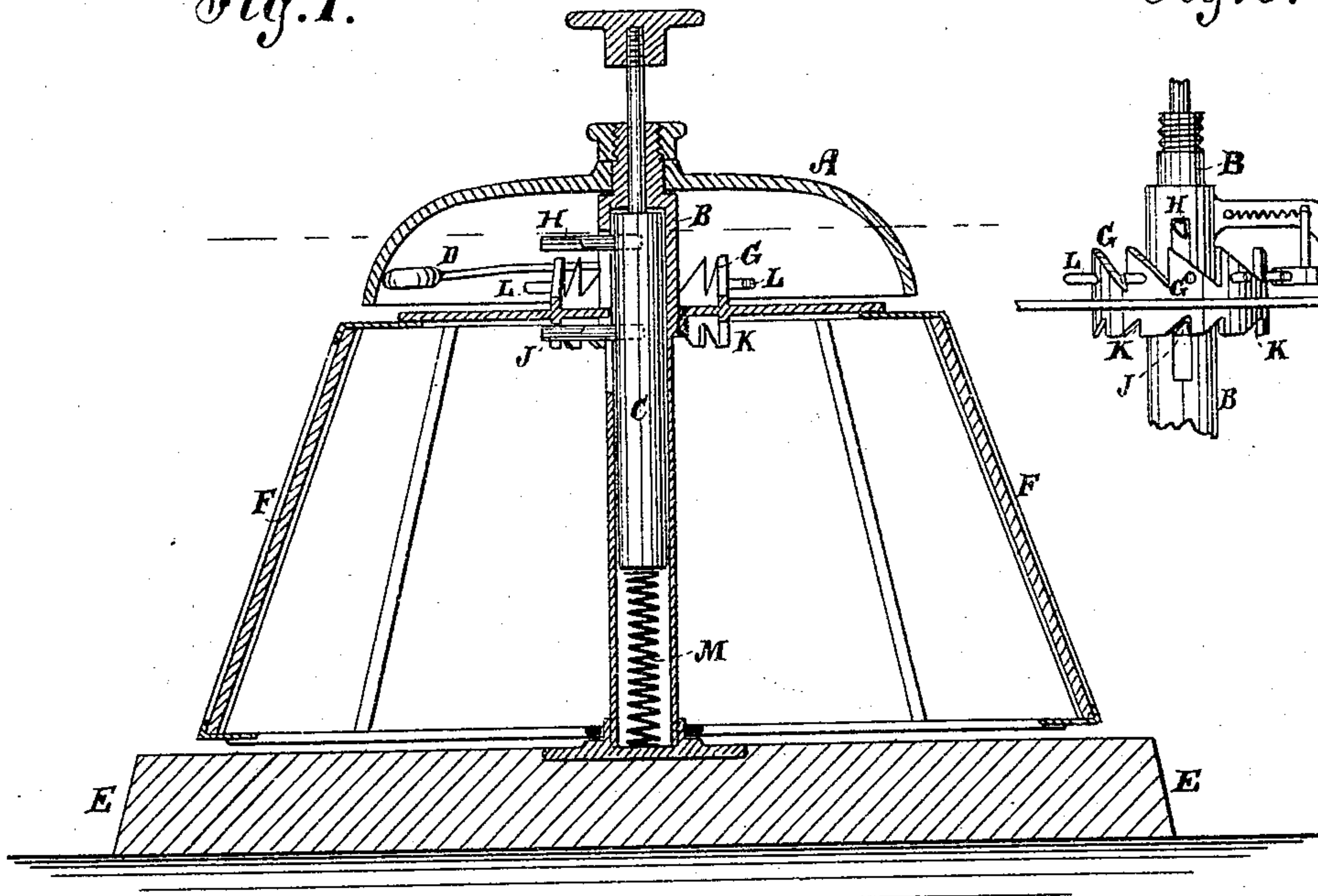


Fig. 3.

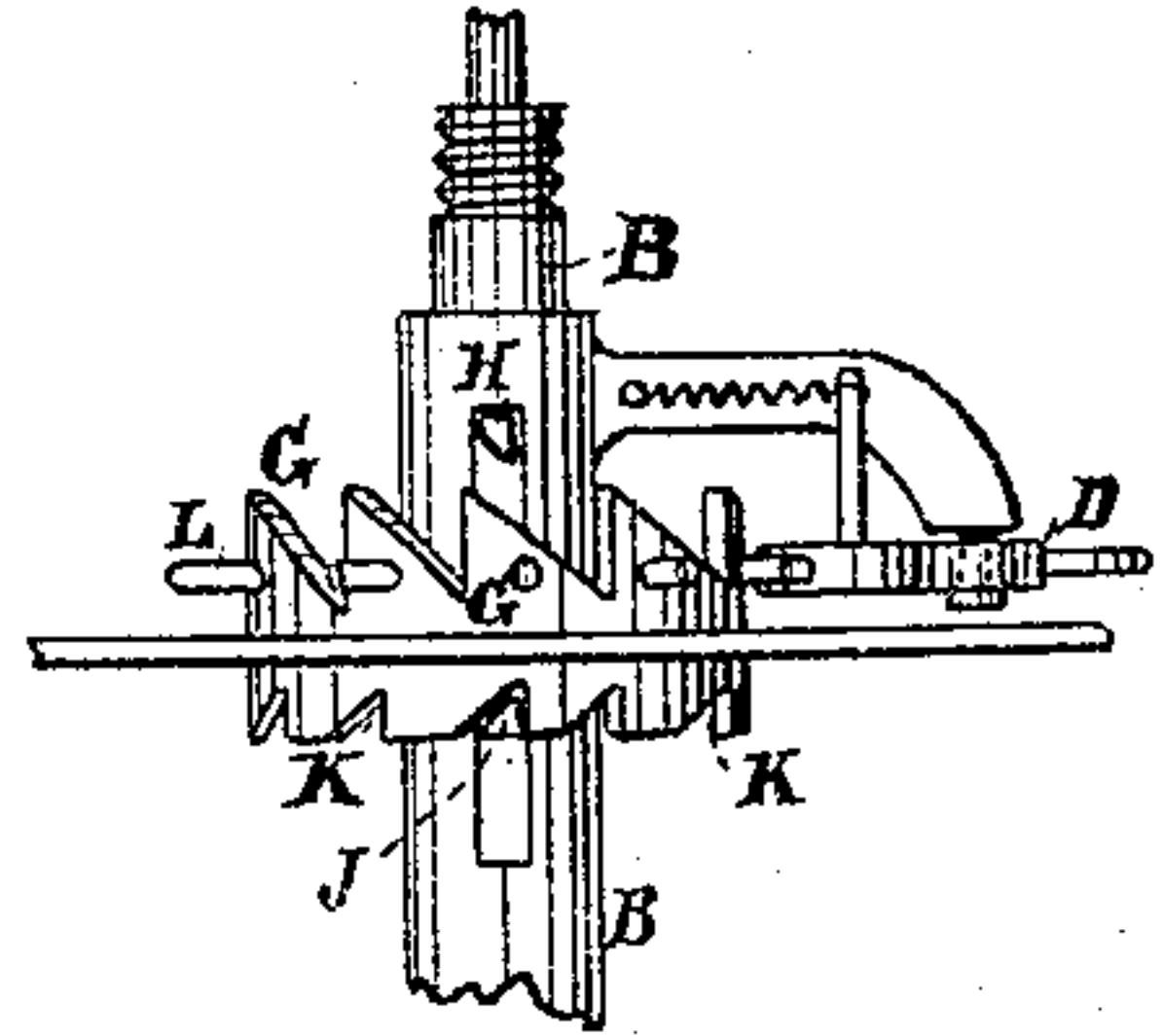
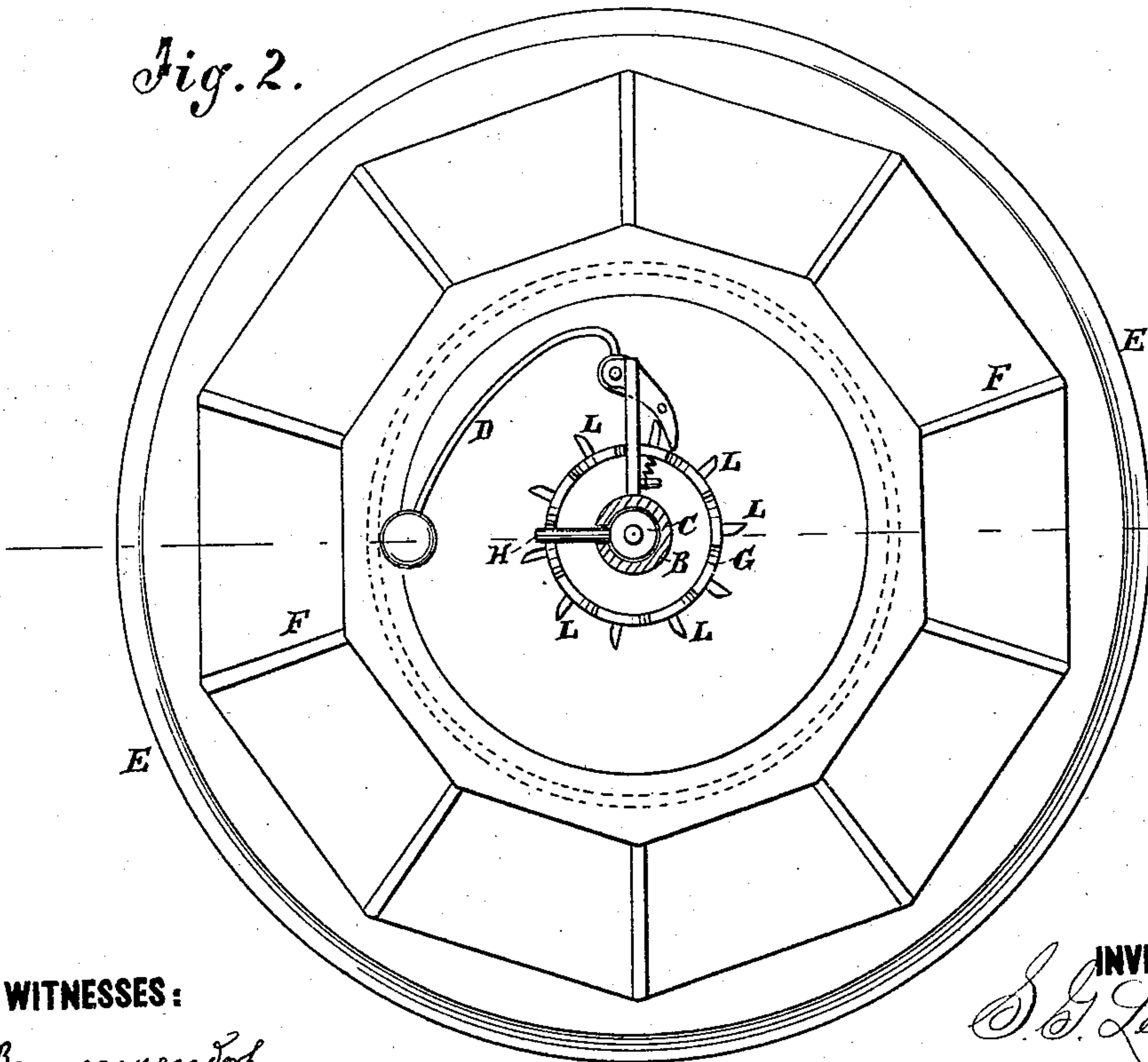


Fig. 2.



WITNESSES:

A Benneventof.  
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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN CALL-BELLS.

Specification forming part of Letters Patent No. **153,262**, dated July 21, 1874; application filed May 29, 1874.

*To all whom it may concern:*

Be it known that I, SAMUEL G. LEVEY, of the city, county, and State of New York, have invented a new and Improved Advertising Call-Bell, of which the following is a specification:

My invention consists of a movable rack for holding advertising cards or bills connected with a call-bell for hotels and the like places, and provided with mechanism for moving it, so arranged that each time the bell-rod is operated for sounding the bell it will cause the rack to shift the breadth of one or more of the cards or bills to change them about and present different ones to view in a manner calculated to attract attention.

Figure 1 is a sectional elevation of a call-bell with a revolving card or bill rack, showing one mode of carrying out my invention, the section being taken on the line *x x* of Fig. 2. Fig. 2 is a horizontal section taken on the line *y y* of Fig. 1, and Fig. 3 is a detail of the contrivance for revolving the rack.

Similar letters of reference indicate corresponding parts.

A is the bell, which is mounted on the top of a tubular standard, B, in which is a rod, C, for working the bell-hammer D; and below the bell, which I arrange a suitable distance above the platform E for the purpose, is a revolving card-rack, F, in the form of the frustum of a cone, with plane sides, mounted on the standard so as to revolve easily. The frame of this rack carries a ratchet-wheel, G, at the top, into a notch of which a pawl-arm, H, of the rod C is pressed each time the rod is pushed down to sound the bell, so that by pressing on the inclined side of the notch it will turn the rack the space of one of the faces of the cone, and thus shift the rack so as to gradually change the different cards around into and out of view of the different stand-points around the bell. A stop-rod, J, on the rod C, below the ratchet-wheel G, rises up into notches K in the under side of said ratchet when the striking-rod rises, so as to arrest the rack and hold it in the

right position for being shifted properly. In this case I have arranged tappets L in the ratchet-wheel G for throwing the bell-hammer, as being simpler than contrivances for working it directly from the rod C, for by this plan the rod H, which turns the ratchet, is all that is used on the rod C for the purpose, whereas by the other plan another attachment would be necessary, and, besides, if the turning mechanism should get disarranged, the bell would strike without turning the rack, which cannot occur in this arrangement. A spring, M, is employed, as in other call bells, to throw up the striking-rod. A cylindrical drum may be used instead of the conical form of rack here shown, and, instead of turning on a vertical axis, it may be arranged horizontally, and I propose to employ any such arrangement as I may prefer for different styles and designs. Likewise, the mechanism for causing the intermittent rotation of the rack or drum may be contrived in various ways.

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

1. An advertising rack, cylinder, or drum connected with a call-bell, in combination with mechanism by which the striking-rod of the bell is caused, when operated for striking the bell, to revolve the said rack cylinder or drum intermittently, substantially as specified.

2. The combination, with a call-bell, of a revolving rack, F, carrying a double ratchet-wheel, G, arranged in co-operative relation to the striking-rod of the bell, having a projecting pawl-rod, H, and a locking-stud, J, substantially as herein described.

3. The pawl-rod H, ratchet-wheel G, and tappets L, in combination with the striking-rod and the bell-hammer, substantially as specified.

SAMUEL G. LEVEY.

Witnesses:

T. B. MOSHER,

ALEX. F. ROBERTS.