

(No Model.)

J. J. CANTELLI.

ALARM.

No. 352,856.

Patented Nov. 16, 1886.

Fig. 1.

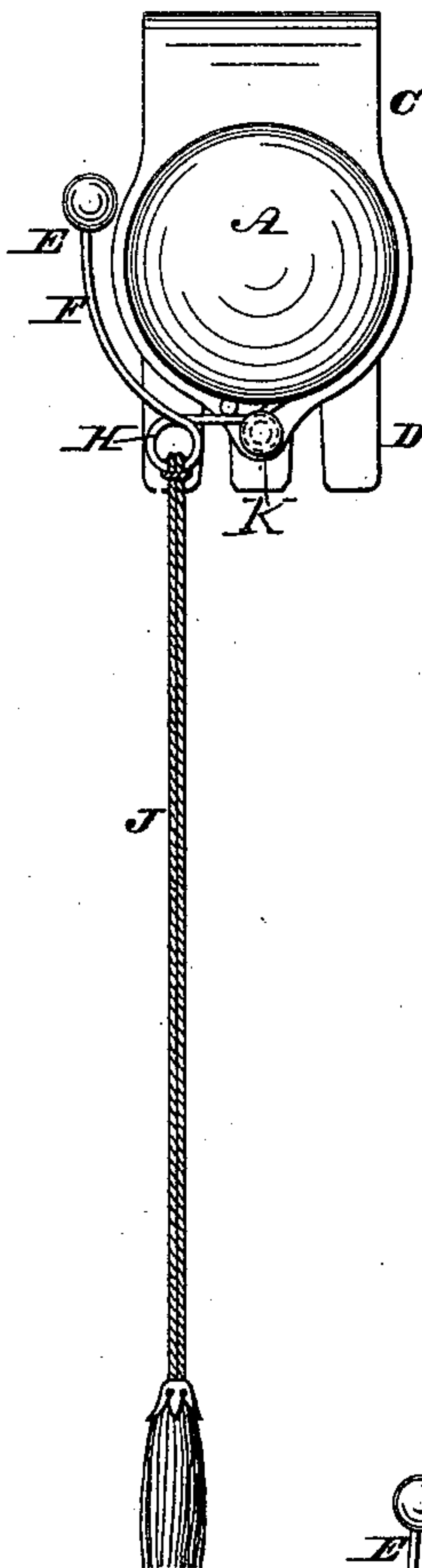


Fig. 2.

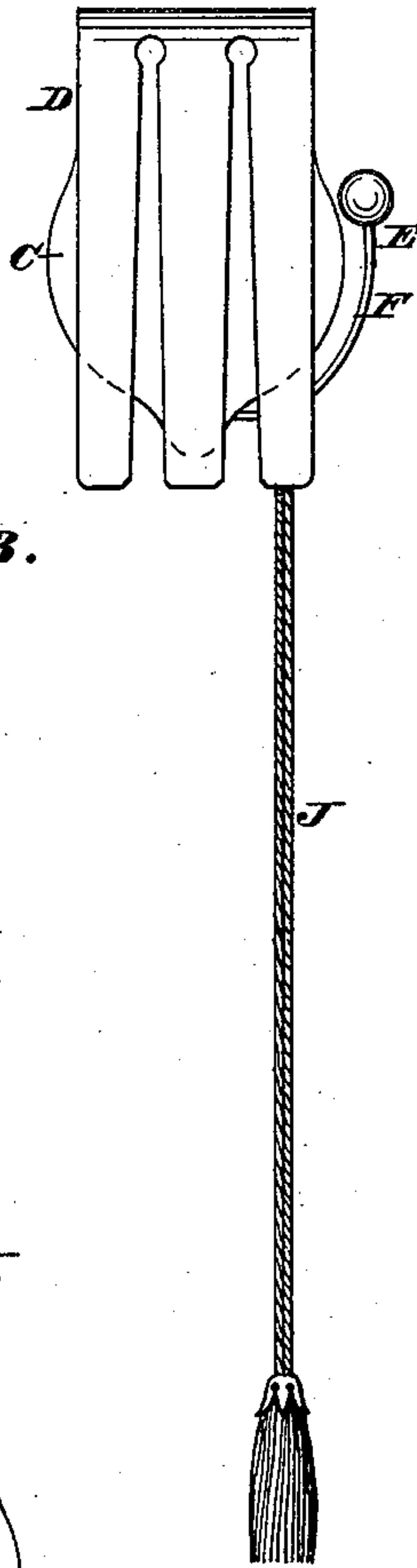


Fig. 3.

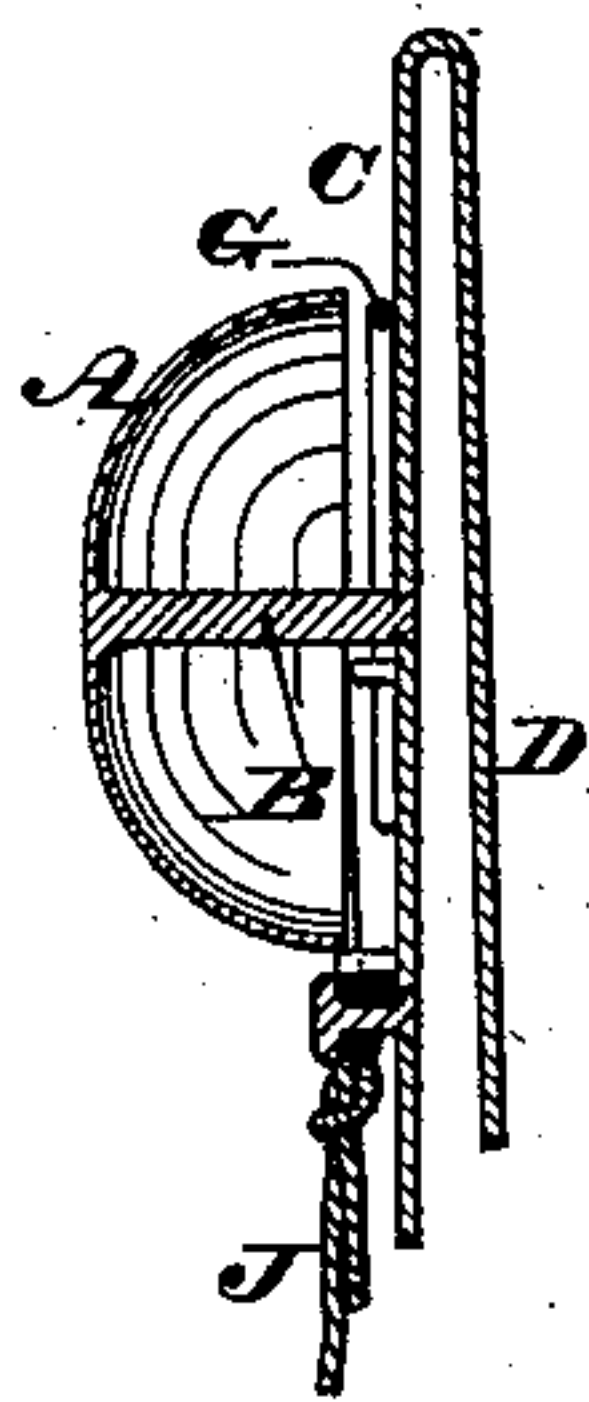
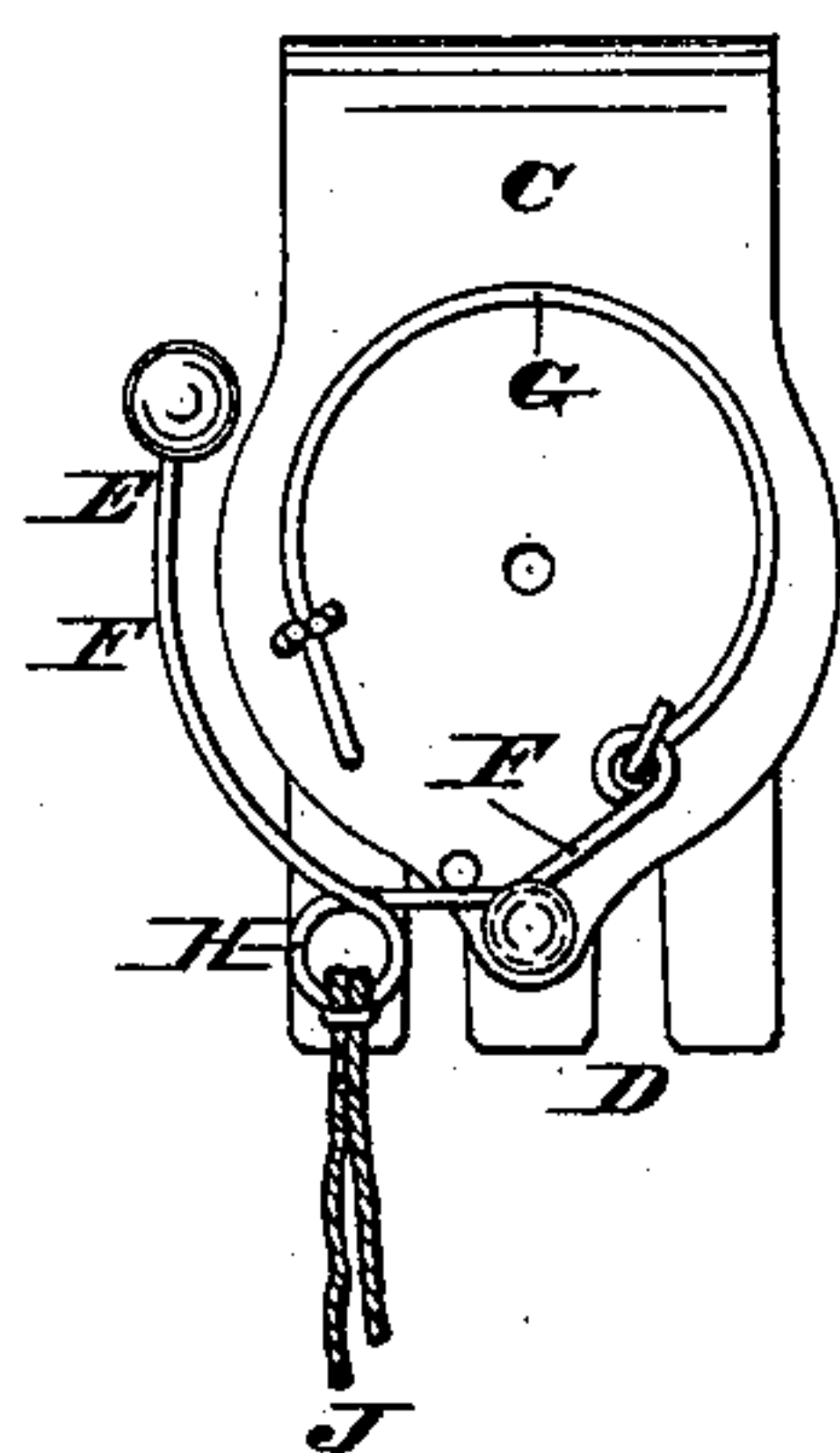


Fig. 4.



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# UNITED STATES PATENT OFFICE.

JOSEPH J. CANTELLI, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF  
ONE-HALF TO CHARLES W. DAVIS, OF SAME PLACE.

## ALARM.

SPECIFICATION forming part of Letters Patent No. 352,856, dated November 16, 1886.

Application filed June 4, 1886. Serial No. 204,139. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH J. CANTELLI, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Alarms, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figures 1 and 2 represent views of opposite sides of an alarm embodying my invention. Fig. 3 represents a vertical section thereof. Fig. 4 represents a view of a detached portion.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a bell or gong having a tongue, whereby it may be readily attached to a vest-pocket, lapel of a coat, &c.

It also consists of a back plate for containing an inscription, address, &c.

It also consists of the construction of the spring of the bell-hammer whereby it operates with great power, and is of small compass.

Referring to the drawings, A represents a gong, which is connected with a post, B, the latter being secured to a back plate, C. To the plate C is attached a downwardly-extending tongue, D, which with said plate forms a hook. The tongue D is slitted in the direction of its length, forming a series of tongues.

E represents the bell-hammer, the head whereof is attached to a lever, F, which latter is pivoted to the back plate, C, as at K.

G represents the spring of the bell-hammer, the same being formed of a piece of curved wire or other suitable metal, fastened at one end to the plate C, and connected at the other end, by a pivotal joint, with the lever F of the bell-hammer, said lever having an eye, H, to which is secured a cord, J, whereby the bell-hammer may be operated.

The alarm is adapted to be supported on a vest-pocket or other part of a garment, the tongue hooking thereon, the tongues alternating on opposite sides of the piece of garment to which it is affixed, so as to interlock therewith and cause the tongue to be securely held in position.

The bell may be rung, when required, by first pulling the cord downwardly, whereby the ends of the spring G are brought closer

together, and then quickly letting go the cord, thereby releasing the free end of the spring, which moves outward, rocking the pivoted arm F and causing the hammer E to come in contact with the gong.

The device will be found serviceable in the event of the carrier thereof being attacked by highwaymen, and an alarm is desirable; or by conductors of cars, &c., who are required to announce the entrance of passengers to a car or vehicle, or the collection of fares; as an amusement or notification to parties whose conversation is deemed tedious or who are given to repetition of remarks, and for any purpose for which an alarm may be required.

The back plate, C, is extended above the bell and provides a field for an inscription, address, &c.

The hammer may be quickly and powerfully operated, owing to the long spring employed, and the construction of the arm of the hammer and the spring is such that they occupy but little space.

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

1. An alarm formed of a gong attached to a back plate, the latter having means for securing the same to a garment, and a lever secured to the back plate, carrying a bell-hammer, all substantially as described.

2. An alarm formed of a gong secured to a back plate, the latter having a downward-projecting tongue, a pivoted lever having at its end a bell-hammer, and a spring secured at one end to the back plate and pivotally connected with the pivoted lever, all of said parts being combined and arranged substantially as described.

3. An alarm formed of the gong A, secured by post B to back plate, C, the said back plate having the tongue D, the pivoted lever F, with eye H and bell-hammer E, the spring G, secured at one end to the back plate, C, and at the other end pivotally connected with the lever F, and the cord J, all of said parts being combined and arranged substantially as described.

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