

(No Model.)

C. E. LUBURG.

BURGLAR ALARM.

No. 307,058.

Patented Oct. 21, 1884.

Fig. 1.

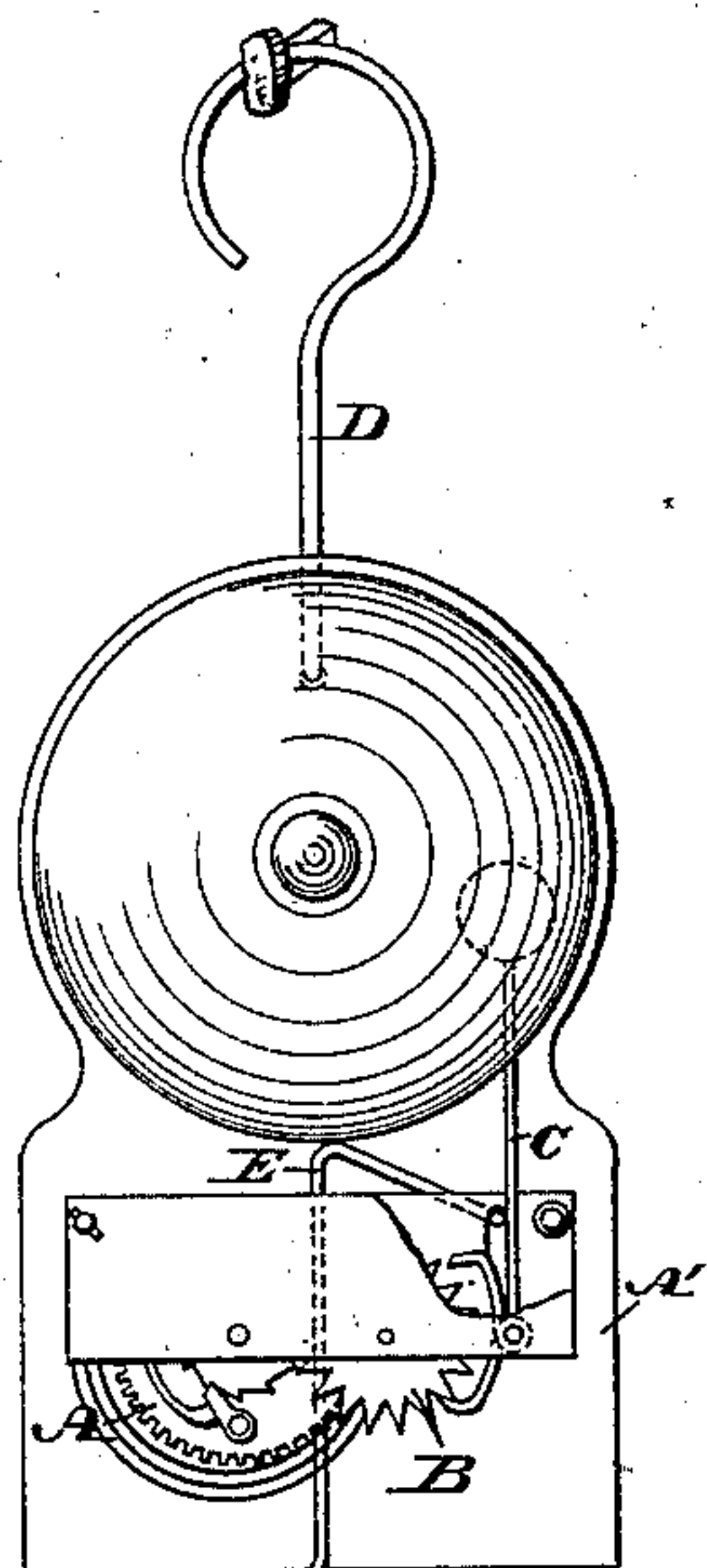


Fig. 2.

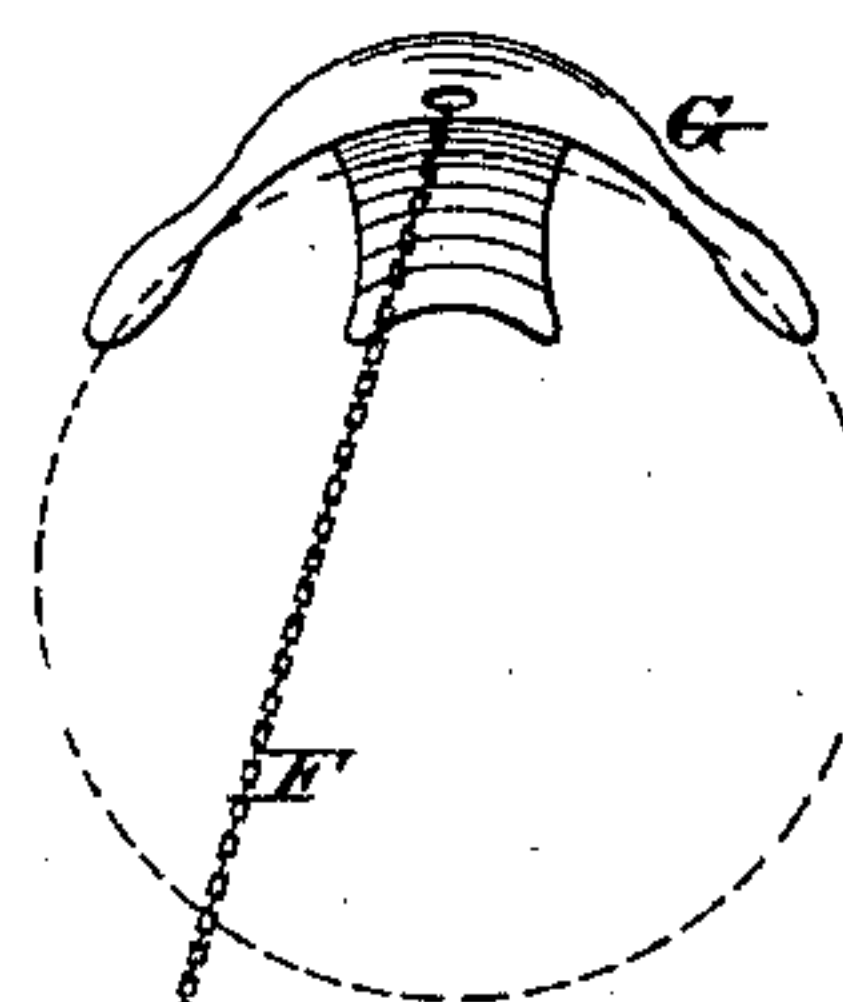
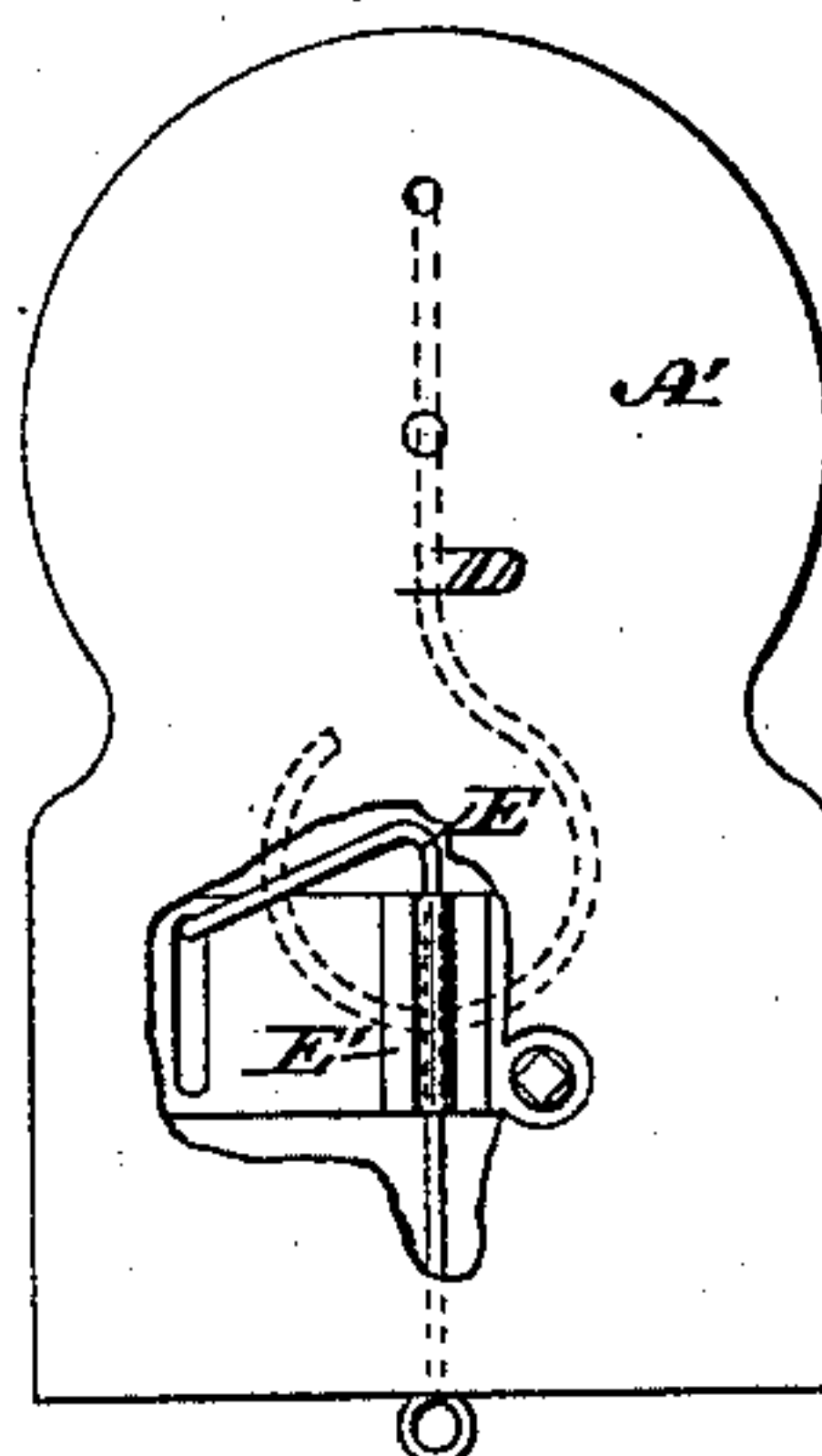
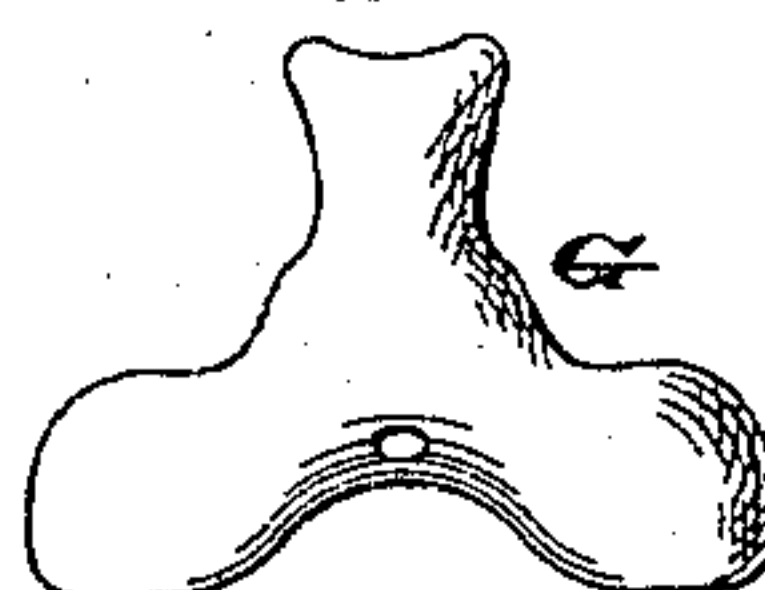


Fig. 3.



WITNESSES:

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BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 307,058, dated October 21, 1884.

Application filed December 22, 1883. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. LUBURG, 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 Burglar-Alarms, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a front view, partly broken away, of a burglar-alarm embodying my invention. Fig. 2 is a view of a portion of the rear thereof partly broken away. Fig. 3 is a top view of a detached part.

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

My invention consists of a burglar-alarm in which a bell-hammer is released by a falling weight, which latter is primarily placed loosely on a knob, key, bolt, sash-frame, &c., the movement or the turning of which causes the weight to lose its support and drop, the construction and operation being hereinafter fully set forth and definitely claimed.

Referring to the drawings, A represents clock-work, the power of the spring of which is exerted on the escapement-wheel B for operating the bell-hammer C, as well known in burglar-alarms.

D represents a hook, which is attached to the plate A' of the alarm for the purpose of suspending the same in position, and in order to permit the folding of said hook it is pivoted to said plate, said hook rendering the alarm portable and adapting it to be readily hung up and removed.

E represents a lock for the bell-hammer C, the same consisting of a piece of wire or other suitable material fitted in guide E' in the frame of the clock-work, so as to slide therein, and bent or shaped to have one end bear against the arm of said hammer as a spring, said wire entering the alarm from below, so as to be withdrawn from the hammer by downward action.

F represents a chain or cord which is attached at one end to the lower end of the lock E, and has connected with its other end a weight, G, the latter being adapted to be placed loosely on a knob, key, bolt, sash-frame, &c., and remain thereon as its operative position.

When the hook D is hung on a nail, &c.,

near the door or window to be guarded, the weight G is placed on the knob, &c., of the door or on the meeting-rail of the lower sash of a window, or on the sash-fastener. Should the knob, key, or bolt be improperly turned or moved or the sash raised, the weight loses its hold, and so drops, whereby the lock E is drawn forcibly downward and moved from the arm of the bell-hammer. The latter, thus being tripped, is no longer controlled by the lock, and becomes operative by the action of the clock-work, whereby the bell is rung and the alarm accordingly sounded. By proper operation of the lock inward or upward the hammer may be again controlled, whereby the alarm ceases. During the day time or evening the entire device may be removed or the weight suspended, so as not to be exerted on the lock.

In order to cause the weight to set properly on the different localities stated, it is made concave on its lower side and winged or bifurcated, thus presenting arms projecting at various angles, the same adapting the weight for lodgment on said localities.

If desired, the weight may be held stationary and the clock-work and connected parts hung on the knob, &c., so as to fall, and cause by the action of the chain or cord on the lock the release of the bell-hammer.

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

1. In a burglar-alarm, clock-work and a bell-hammer, in combination with a lock, E, consisting of a bent piece of wire, one end or limb thereof acting as a spring and a guide for said lock, substantially as and for the purpose set forth.

2. A burglar-alarm having clock-work, a bell-hammer, and a lock for said work, and a dropping weight for withdrawing said lock, connected with the lock by a chain or cord and formed of a piece concave on its under side and winged, substantially as and for the purpose set forth.

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Witnesses:

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