

No. 646,551.

Patented Apr. 3, 1900.

A. ST. C. GENSLER.

BURGLAR ALARM.

(Application filed Sept. 7, 1899.)

(No Model.)

Fig. 1.

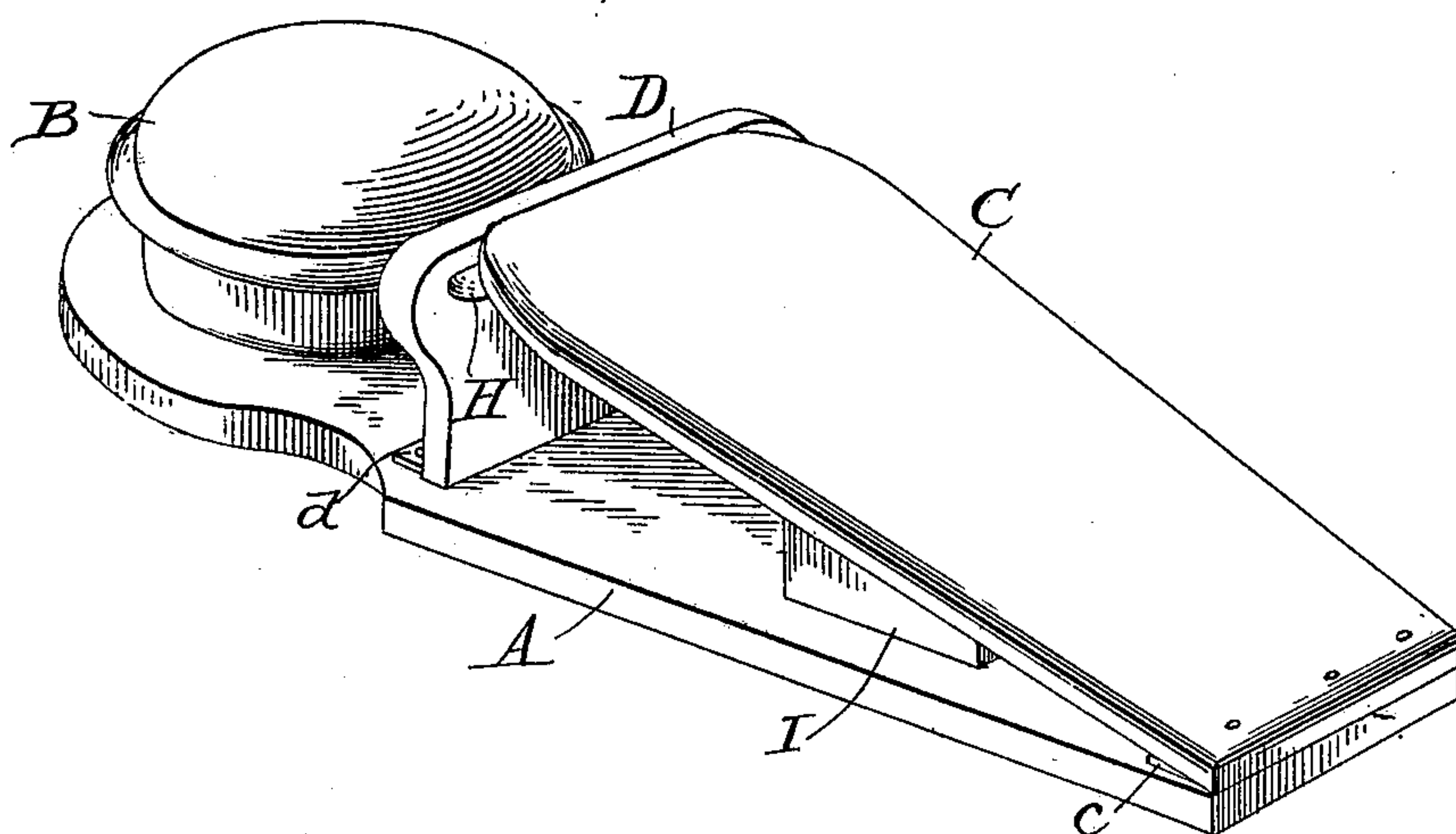
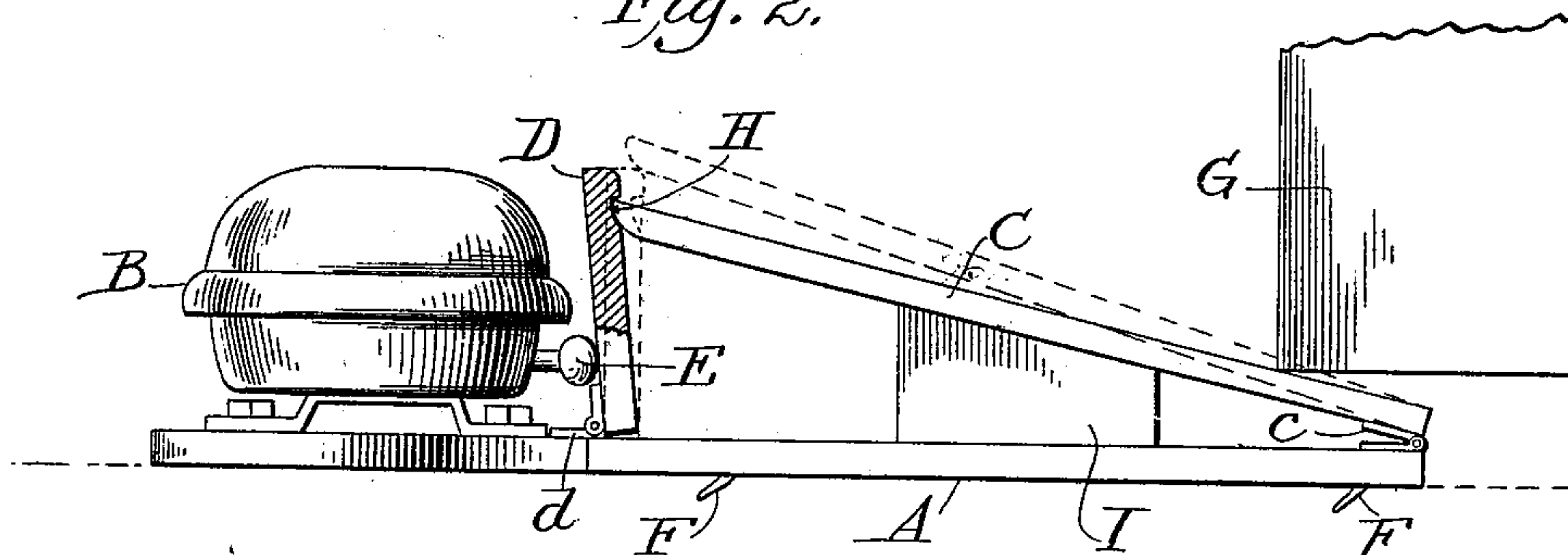


Fig. 2.



WITNESSES

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BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 646,551, dated April 3, 1900.

Application filed September 7, 1899. Serial No. 729,731. (No model.)

To all whom it may concern:

Be it known that I, ALFRED ST. C. GENSLER, a citizen of the United States, and a resident of the borough of Brooklyn, city of New York, and State of New York, have invented certain new and useful Improvements in Burglar-Alarms, of which the following is a specification.

My invention relates to burglar-alarms, and more particularly to that class of burglar-alarms intended for general employment and which may be easily transferred to new or different locations.

The object of my invention is the production of a burglar-alarm which is portable, light, strong, and durable and at the same time simple in construction and economical in point of manufacture.

To these ends my invention consists in the construction and combination of parts now to be described in the specification and finally pointed out in the claims.

Referring to the drawings, in which similar parts are indicated by the same letters of reference in both views, Figure 1 is a perspective view of my improved burglar-alarm; and Fig. 2 is a side view thereof, partly in section, indicating its mode of application and employment.

As illustrated in the drawings, the burglar-alarm is provided with a base-plate A, which has points or projections F F, designed to hold the alarm in proper position by reason of the engagement of these points with the floor or other surface on which it is placed. Hinged to the base-plate A at *c* is an upper or top plate or piece C, and also hinged to the base-plate A at the point *d* and in substantial perpendicularity thereto is the plate or piece D. These plates or pieces are so arranged with reference to each other that under ordinary circumstances one end of the plate C rests upon and is sustained by the vertical plate or piece D, as shown in dotted lines in Fig. 2. Also attached to the base-piece A and in the rear of the piece D is the bell or alarm proper, B. This bell B may be of any desired form of construction—such, for instance, as the ordinary type of spring-actuated or automatic bell—and is operated by pressing the catch or button E, which is arranged in close prox-

imity to the piece D, in such manner that the rearward movement of the piece D acting upon the button E permits and causes the ringing of the bell. The perpendicular piece D is formed and provided with a notch or hollow H, designed to engage and hold the end or lip of the piece C when the latter is operated. Also attached to the base-piece A is a block I, designed to engage the piece C in its downward movement after it has been locked in the notch or groove H, so as to sustain the piece C in position and to prevent its further downward movement.

The operation of my improved devices will now be readily understood. The alarm is placed upon the floor in close proximity to the door G and with the parts in the positions shown in dotted lines in Fig. 2. It will be obvious that as the door G is moved inwardly it will engage and move downwardly the piece or plate C, thereby moving the piece or plate D rearwardly until the end or lip of the piece C is engaged and locked by the groove H. This rearward movement of the piece D by its pressure upon the button E causes the ringing of the bell B, which will continue to ring until the spring-power therein has become exhausted or until the lip or end of the piece C has been released from the locking-notch H. The block I in preventing the further downward movement of the piece C not only prevents the breakage of parts, which may arise from undue pressure, but also serves to hold the piece C firmly in position and to constitute a wedge thereby which resists and prevents the further inward movement of the door G. The alarm is maintained in operative position and is prevented from rearward movement, due to the pressure of the door G thereon, by means of the points or projections F F, which engage the carpet or other surface upon which the alarm is placed and hold it firmly in position.

Having thus described the construction and operation of my improved devices, what I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. In a burglar-alarm, the combination with the base-piece, a perpendicular piece hinged thereto, and a top piece also hinged thereto and resting upon the perpendicular piece, of

a bell or alarm also attached to the base-piece and arranged to be operated by the movement of the perpendicular piece.

2. In a burglar-alarm, the combination with
5 the base-piece, a perpendicular piece hinged thereto, a top piece also hinged thereto and resting upon the perpendicular piece, of the bell or alarm also attached to the base-piece and arranged to be operated by the move-
10 ment of the perpendicular piece, the said perpendicular piece being provided with a locking device adapted to engage the top piece, whereby the parts are held in operative position.

15 3. In a burglar-alarm, the combination of a base-piece, a perpendicular piece hinged thereto, a top piece also hinged thereto and resting upon the perpendicular piece, a bell or alarm also attached to the base-piece and

arranged to be operated by the movement of 20 the perpendicular piece, the said perpendicular piece being provided with a locking device to engage the top piece and to hold the parts in operative position, together with a block or support also attached to the base- 25 piece and designed to prevent the further downward movement of the top piece.

In testimony whereof I have signed my name to this specification, at the city of New York, in the county of New York and State of 30 New York, this 6th day of September, A. D. 1899, in the presence of two subscribing witnesses.

ALFRED ST. C. GENSLER.

Witnesses:

I. DE SPEYR,

M. W. CLEPHANE.