

R. B. CARSLY.

Alarm Rug.

No. 85,068.

Patented Dec. 22, 1868.

Fig. 1.

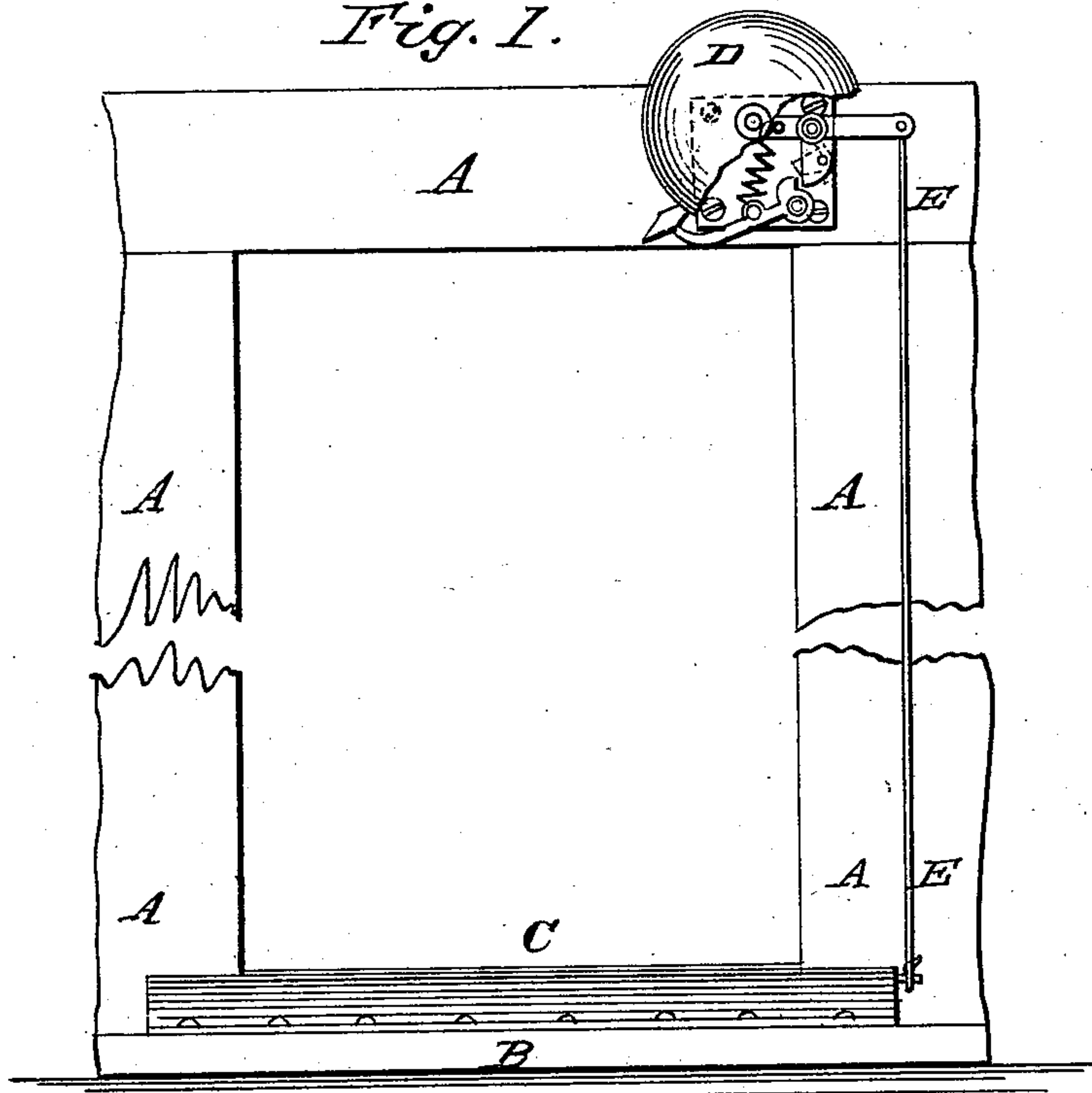
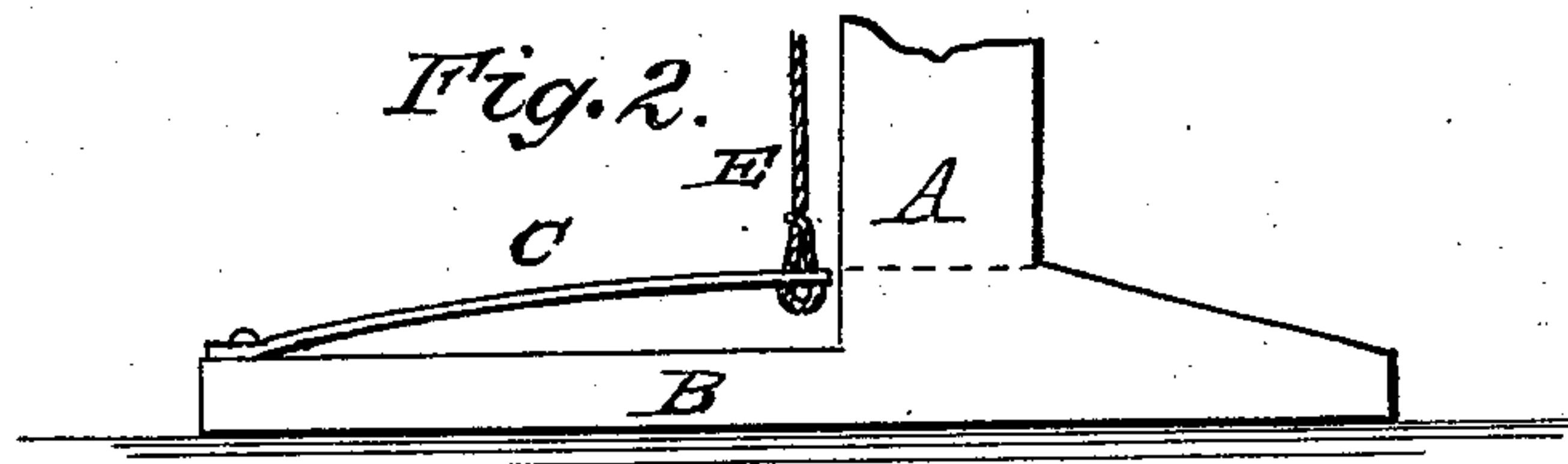


Fig. 2.



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United States Patent Office.

R. B. CARSLEY, OF NEW YORK, N. Y.

Letters Patent No. 85,068, dated December 22, 1868.

IMPROVEMENT IN ALARM-RUG.

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, R. B. CARSLEY, of the city, county, and State of New York, have invented a new and useful Improvement in Door-Rug Alarm; 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 drawings, forming a part of this specification.

Figure 1 represents a door-way to which my improved alarm has been attached.

Figure 2 is a detail view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved alarm for attachment to door-ways and window-frames, which shall be so constructed and arranged that it may be impossible for any one to enter through the door or window, even when said door or window may be open, without sounding an alarm, and which shall, at the same time, be simple in construction, easily applied, and readily disconnected when not required; and

It consists in a metal plate or rug, or a stiff-bottomed rug, slipped under or thrown upon the top of the carpet or oil-cloth, in the hall of a house, and connected with an alarm-gong in the ordinary manner.

A represents a door or window-frame.

B represents a portion of the floor or window-sill, about the construction of which there is nothing new.

C is a metal plate attached to the floor or sill B, in front of the frame A, and is of such width that the person entering the door or window must necessarily step or press upon the said plate or platform C.

The plate C is covered with a mat or rug, or it may be the foundation of an integral part of the said rug.

The edge of the plate C farthest from the frame A

is secured to the floor or sill B, in such a way that its other edge, that is nearest to the frame A, may have a slight up-and-down movement.

D is an ordinary gong-bell, attached to the upper part of the frame A, and the operating-lever or arm of which is connected with the forward or movable edge of the plate C by the connecting-wire E, as shown in the drawings, so that when the movable part of the plate C is moved downward, by pressure upon any part of said plate, the gong D may be sounded to give an alarm.

The plate C may be made elastic, so that, as soon as the pressure upon it is removed, it may again rise to its former position.

The wire E may be covered or encased, if desired, to prevent it from being tampered with.

It should be observed that the gong D may be connected with the door or window-sash, so as to be sounded by the opening of the said door or sash, in the ordinary manner. But my device is designed for use when the said door or sash is already open, and prevent the entrance of any one unannounced.

Having thus described my invention,

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

The movable spring-plate C, when covered with or forming part of a rug, and used in connection with a door or window, and connected with an ordinary gong, D, by the connecting-wire E, arranged as shown and described, for the purpose specified.

The above specification of my invention signed by me, this 22d day of July, 1868.

R. B. CARSLEY.

Witnesses:

ALEX. F. ROBERTS,
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