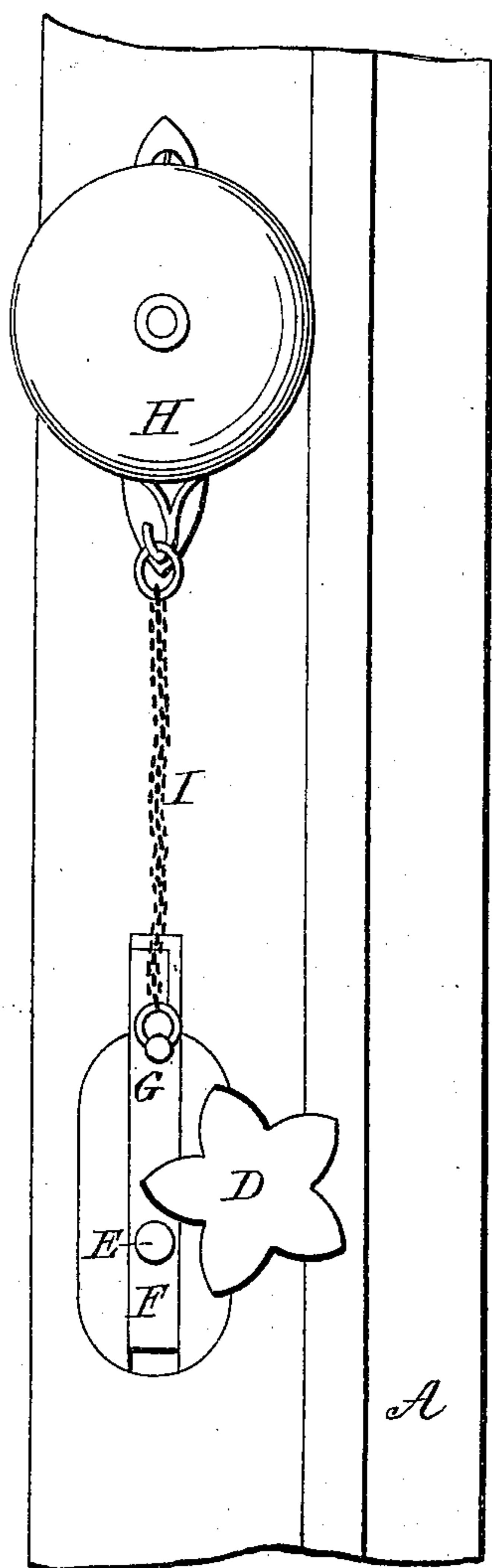


H. GREEN.  
Burglar Alarm.

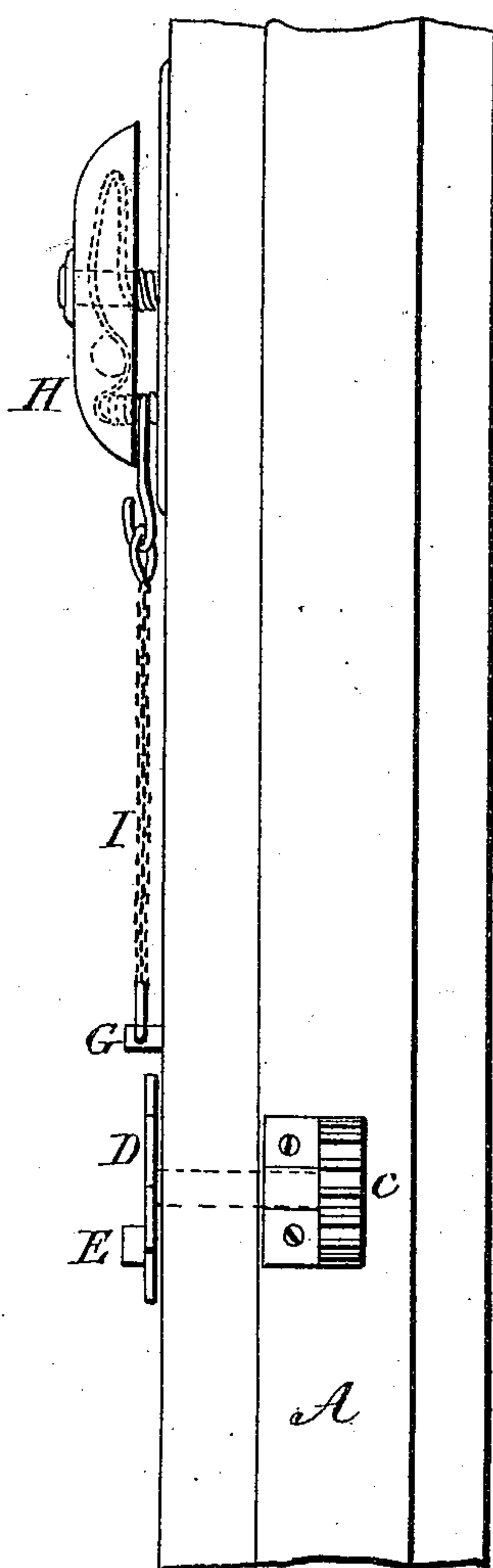
No. 98,489.

Patented Jan. 4, 1870.

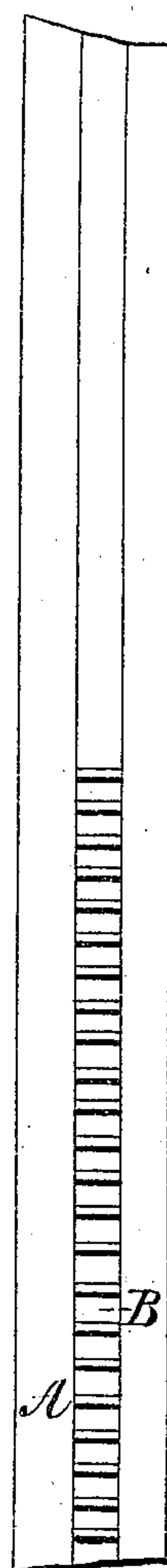
*Fig. 1*



*Fig. 2*



*Fig. 3*



Witnesses:  
*Wm. Fine*  
*Joseph H. Fitch*

Inventor:  
*Hiram Green*

# United States Patent Office.

HIRAM GREEN, OF NORWALK, CONNECTICUT.

Letters Patent No. 98,489, dated January 4, 1870.

## IMPROVED BURGLAR-ALARM.

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, HIRAM GREEN, of the town of Norwalk, county of Fairfield, and State of Connecticut, have invented a new and useful Improvement in the Construction of Burglar-Alarms; and I do hereby declare that the following is a full and correct description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in the arrangement of a ratchet, let into the edge of a sash or other place, in combination with attachments communicating with a bell or bells, by means of a rotary cam-lever and slide, and a toothed gear.

To enable others to make and use my invention, I will proceed to describe the same.

In the drawing—

Figure 1 is a face view of a portion of a sash and frame, showing my arrangements.

Figure 2, a side view of the same.

Figure 3, part of the sash-stile, showing the edge with the ratchet inserted.

The drawing describes the items of my invention, and the mode of attaching to a window-frame.

On the edge of the sash A, I insert the ratchet B, to work on the toothed gear C, when the sash rises or falls, giving a revolving action to the five-pointed

cam D, causing each point, as it revolves, to strike the projecting pin E, of the vertical slide F.

On this slide F is another pin, G, to which is attached the chain or wire I, to connect with the alarm-bell H, and to other alarm-bells, or their equivalents, that may be placed in any room or position, far or near, or may be made to connect and branch off, and operate upon any of the common bells of the house.

The wire or chain I can be disconnected during the day or at any time, so as not to interfere with the rise and fall of the sash.

The apparatus can be placed in other situations, and work effectually.

The utility of my invention is in its simplicity and sure and effective alarm.

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

The arrangement and combination of the ratchet B, gear C, slide F, cam D, and pins E G, in the manner substantially as and for the purpose herein described.

HIRAM GREEN.

Witnesses:

WM. VINE,

JOSEPH F. FOOTE.