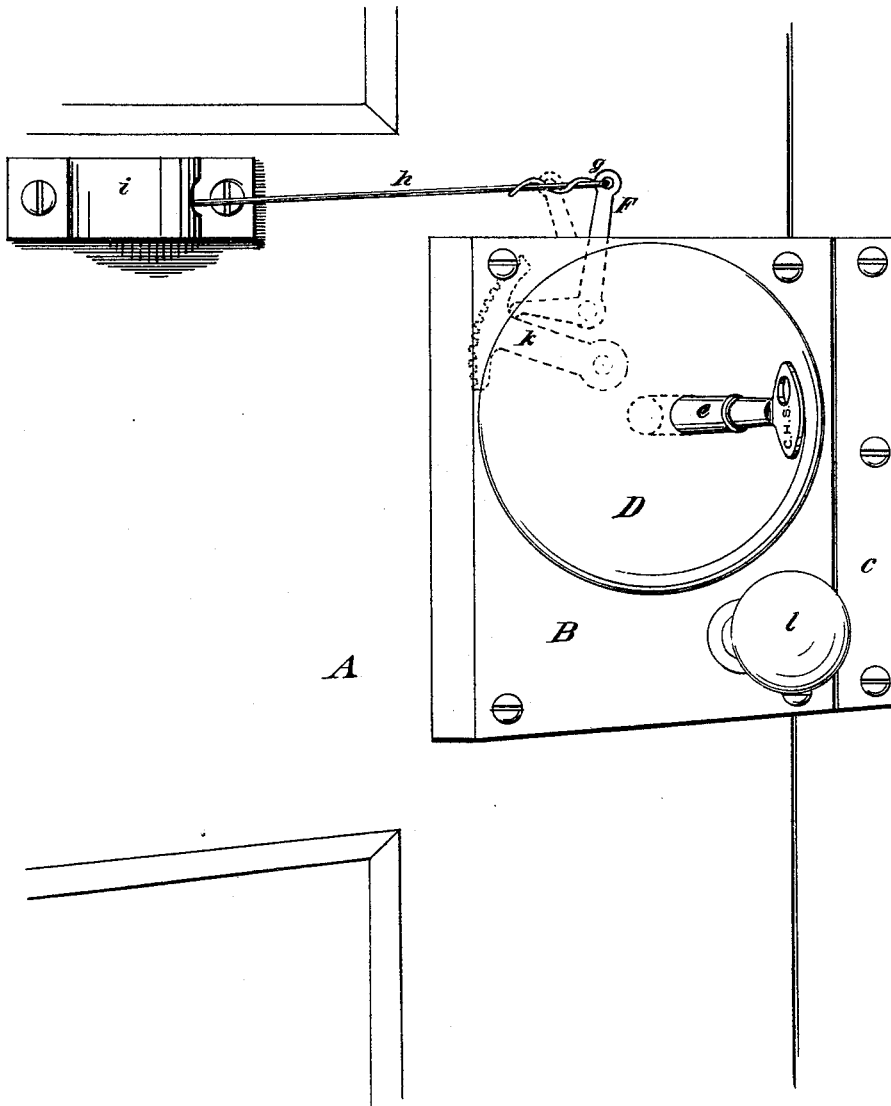


L. GRISWOLD.

COMBINED ALARM LOCK AND DOOR-BELL.

No. 188,795.

Patented March 27, 1877.



Witnesses:

D. McMartin  
C. H. Stewart

Inventor,

Leo Griswold,  
By J. W. Latches,  
att'y

# UNITED STATES PATENT OFFICE.

LEV GRISWOLD, OF JOHNSTOWN, NEW YORK, ASSIGNOR TO DAVID HAYS,  
OF SAME PLACE.

## IMPROVEMENT IN COMBINED ALARM-LOCK AND DOOR-BELL.

Specification forming part of Letters Patent No. **188,795**, dated March 27, 1877; application filed  
April 7, 1876.

*To all whom it may concern:*

Be it known that I, LEV GRISWOLD, of Johnstown, in the county of Fulton and State of New York, have invented a Door-Lock and its Appendages, of which the following is a specification:

The object of my invention is to utilize an alarm-bell for a call-bell, by connecting the bell-pull with an L-shaped lever, which, in turn, actuates the geared sector, which is engaged with the alarm-train.

The drawing is a perspective view of my invention exhibiting a portion of the door to which the lock is secured, as also the keeper.

A represents the door, B the lock, and *c* the keeper. The bell D is secured to the front face of the lock-case B, in order that the alarm or call may be more distinctly heard in remote parts of the house. Through the center of the bell D is formed a round key-hole, as represented in dotted lines in the drawing, the key *e* being inserted into the lock through the bell on the one side of the door. I also apply to said lock an L-shaped lever F, one end, *g*, of which receives the wire *h*, attached to the bell-knob, which is immediately in the rear of the lever-housing *i*. The opposite end of the lever comes in contact with and actuates the geared sector *k*, (shown in dotted lines,) which is a part and parcel of the ordinary alarm mechanism applied to locks.

It will, therefore, be observed that the bell

D serves a double purpose, to wit, for a burglar-alarm and a call-bell.

When the alarm mechanism is disturbed by the burglar, the sector *k* is drawn away from contact with the lever F. It will therefore be observed that the function of the one does not interfere with that of the other. They operate regular and independent, so to speak.

The bells on burglar-alarm locks were heretofore incased in the lock, tending thereby to smother the sound of the bell. The lock-case can be made much smaller and compact by reason of the arrangement of the bell on the outside of the lock-case, and secured thereto, which makes the bell much more sonorous. The bell being affixed to the exterior of the lock, greatly enhances the beauty of the lock apparatus. The latch-knob is shown at *l*. The lever F is pivoted, as shown in dotted lines in the drawing.

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

In combination with the alarm mechanism, provided with sector *k* and bell D, of the lever F and wire *h*, for connection with a bell-pull, substantially as for the purpose set forth.

LEV GRISWOLD.

Witnesses:

J. W. LATCHER,  
D. McMARTIN.