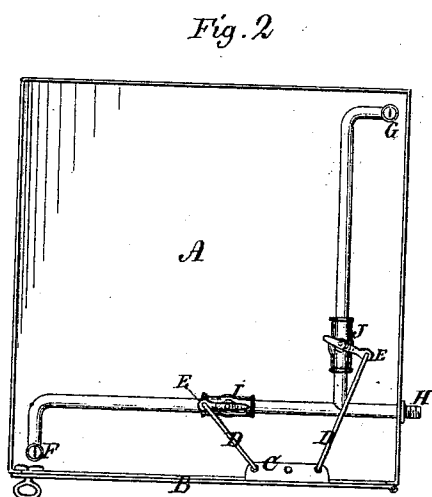
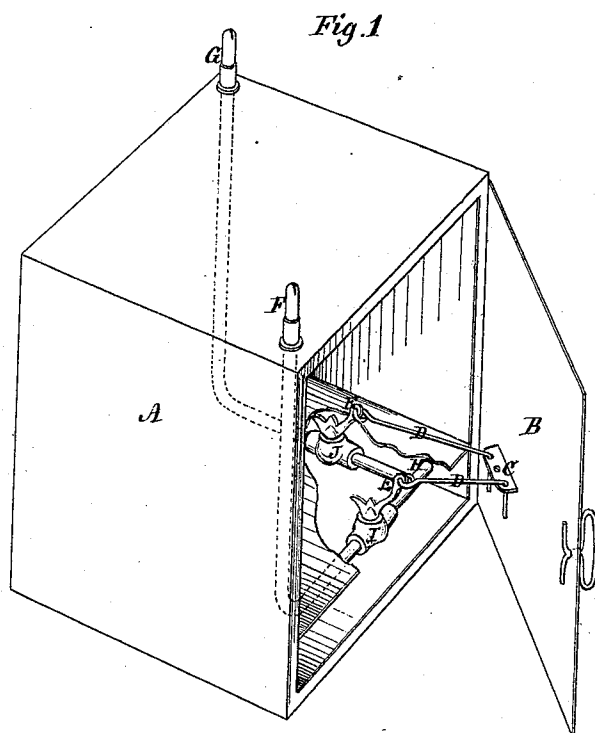


MYGATT & DOWNING.

Burglar Alarm.

No. 113,082.

Patented Mar. 28, 1871.



Witnesses,

Alex. Mahon
H. S. Miller

Inventors,

John T. Mygatt
John Downing
by their Attorney
H. H. Doubleday

United States Patent Office.

JOHN T. MYGATT AND JOHN DOWNING, OF BINGHAMTON, NEW YORK.

Letters Patent No. 113,082, dated March 28, 1871; antedated March 15, 1871.

IMPROVEMENT IN BURGLAR-ALARMS.

The Schedule referred to in these Letters Patent and making part of the same.

We, JOHN T. MYGATT and JOHN DOWNING, of Binghamton, in the county of Broome and State of New York, have invented certain Improvements in Signal Apparatus for the Detection of Burglars, of which the following is a specification.

Our invention relates to the combination and arrangement of gas-pipes and valves, connected with doors or windows of buildings or safes in such a manner that by opening said doors or windows the usual night-light shall be extinguished and a colored light exhibited, whereby watchmen or others understanding the arrangement may detect the designs of burglars.

Figure 1 is a view of a safe or door partly open, showing the connections with the door and gas-pipes, embodying the general principles of our invention.

Figure 2 is a plan of the same.

A is a box representing a safe or room.

B is the door, provided with projections C on the inside of the door, with holes for the connecting-hooks D, which hooks are attached to the arms E of the valves in the gas-pipes. These pipes may be placed under the floor, as represented in the accompanying drawing, or in the window-casings or other localities, as the case may require.

F is the ordinary service-pipe, to which the night-burner is attached; and

G, the pipe for the colored or signal-light, which may be placed in any conspicuous position beyond the control of the burglar.

H is the main pipe connecting with the service-pipes F and G, between the valves I and J.

If desired, the colored light may be dispensed with and the apparatus so arranged that the extinguish-

ment of the night-light only shall indicate the disturbance of the premises.

On retiring at night the connecting-hooks are attached to the door or window by entering their points into the holes in the projecting piece C, when the door is closed, which opens the valve I and partially opens J, which allows a sufficient quantity of gas to pass into the burner for a slight ignition. Both burners are then lighted, the signal-light having a colored shade and the night-light burning in the ordinary manner.

When the door or window is opened it closes the valve I and extinguishes the night-light, and at the same time fully opens the valve J, which exhibits the colored or signal-light, thereby indicating the presence of the burglar.

When the apparatus is designed to connect with the door or entrance of the building, an adjustable slide will be attached to it for connecting with the valves of the pipes in such a manner that said door may be opened and closed during the day without interfering with the arrangement whereby the gas may be lighted before leaving the building.

We claim as our invention—

The combination and arrangement of the gas-pipes F and G, main pipe H, valves I and J, hooks D, and connecting-projection C, substantially as and for the purpose hereinbefore set forth.

JOHN T. MYGATT.
JOHN DOWNING.

Witnesses:

S. W. ROGERS,
J. E. ROBIN.