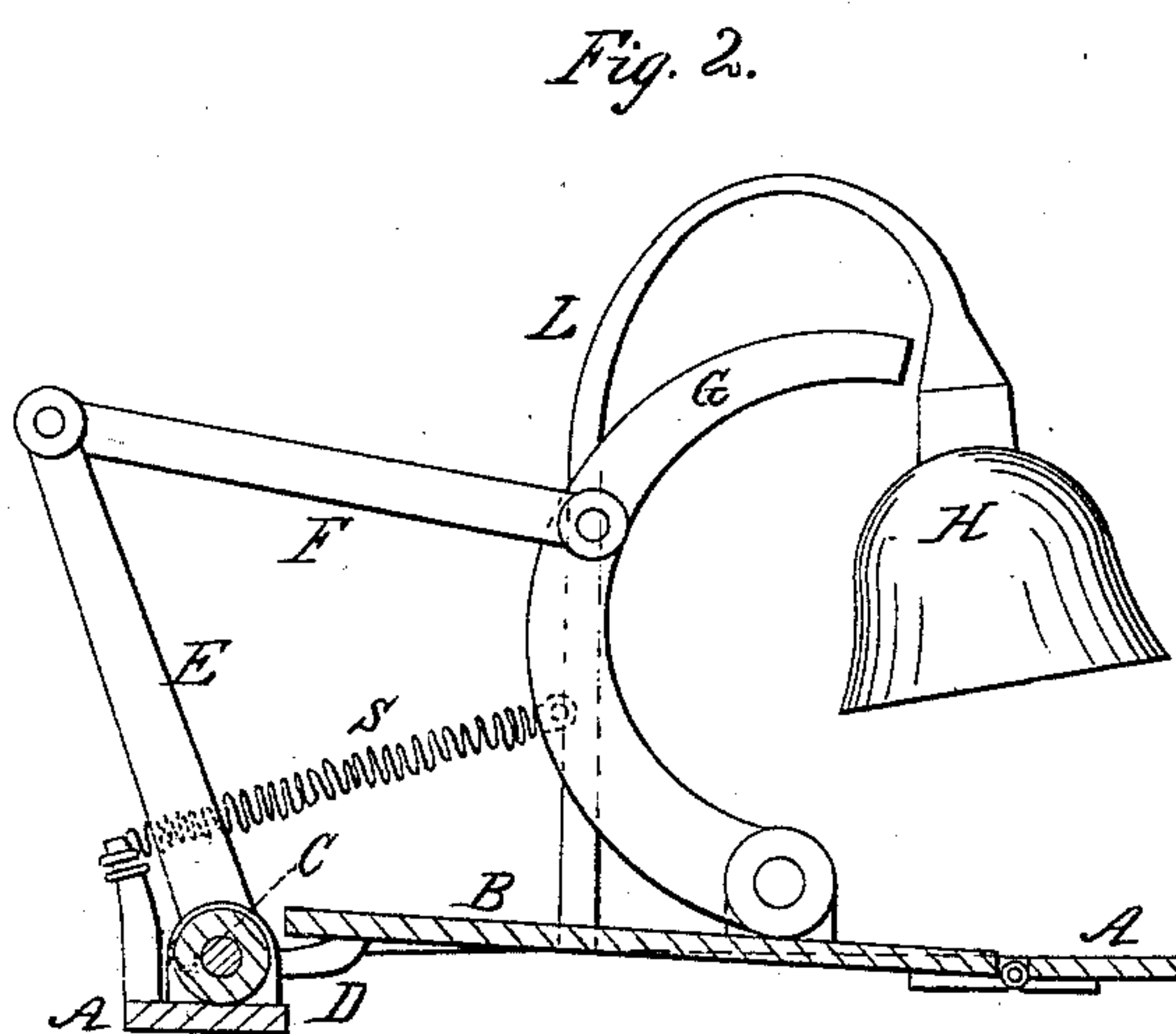
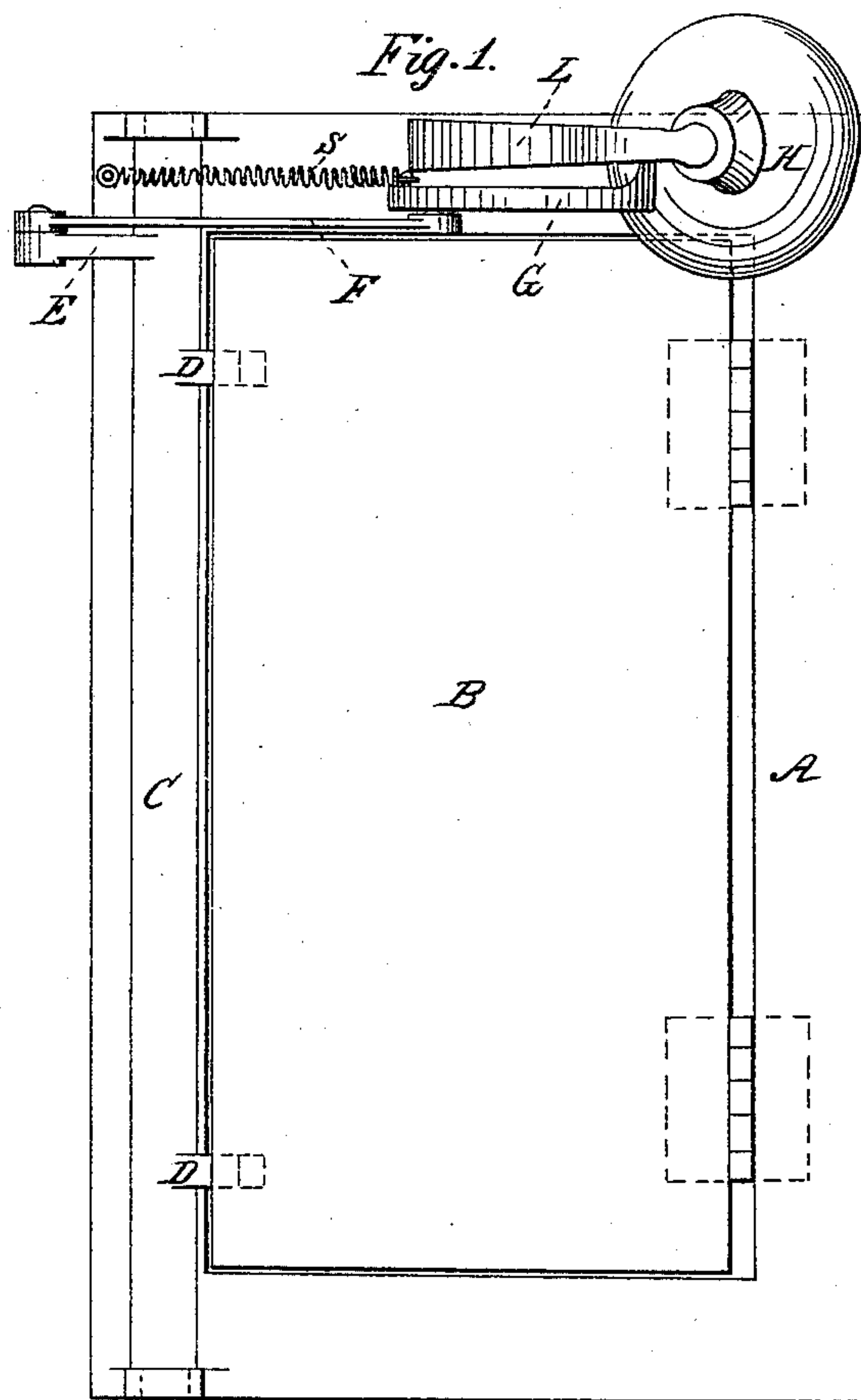


H. BEHN.
Burglar Alarm.

No. 30,193.

Patented Oct. 2, 1860.



Witnesses:
Henry E. Boeders
John Davidson

Inventor:
Henry Behn

UNITED STATES PATENT OFFICE.

HENRY BEHN, OF NEW YORK, N. Y.

ALARM FOR DOORS.

Specification of Letters Patent No. 30,193, dated October 2, 1860.

To all whom it may concern:

Be it known that I, HENRY BEHN, of New York, in the county and State of New York, have invented a new and Improved Alarm for Doors; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure I represents a top view and Fig. II a cross section of my improved alarm.

The nature of my invention consists in the arrangement of a movable plate, placed in the opening of a door, and covered over with a carpet, rug, or any similar substance; and so combining said plate with a lever or rod, connected with a bell or alarm, that any person passing through the door shall by his weight operate said plate so as to give an alarm, and thereby announce his entrance or exit.

A is a frame to which a movable plate B is hinged.

C, is a shaft turning in bearing on the frame A, provided with arms D, D, on which the loose end of the plate B rests.

E is a lever fast to the shaft, C, and connected through the rod F with an arm G, acting against the bell H, fast to a spring rod L. The arm, G, is connected with a spring, S, acting in such a manner on said arm as to keep the same clear of the bell, and acting likewise through the connection of said arm G with the shaft, C, on said shaft so as to support and keep up the plate B in its proper position, ready for

operation. The shaft, C, may be acted upon by an independent spring, and the alarm placed in any desired part of the room and connected by rods and levers with the shaft, C.

The object of this apparatus is not so much for the purpose to act as a burglar alarm, but to announce the entrance of a person into the house or into the store, while the door of the same is kept open, thereby preventing the necessity of the constant attention in the store, when the door is left open. The plate should be made so long as the door is wide. A person entering through the door will step upon the plate B, pressing thereby by his weight this plate downward, acting thereby upon the arms D on the shaft, C, and which latter, through its connection with the arm G, will operate the bell so as to give the required alarm. A stop may be put on the bottom of the plate B, so as to support said plate, when it is desired to throw the apparatus out of action.

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

The arrangement of a hinged plate B, acting on arms or levers fast on a shaft, and placed in the opening of a door, when combined with a bell or alarm, and operated in the manner and for the purpose substantially as specified.

HENRY BEHN.

Witnesses:

HENRY E. ROEDER,
JOHN DAVIDSON.