

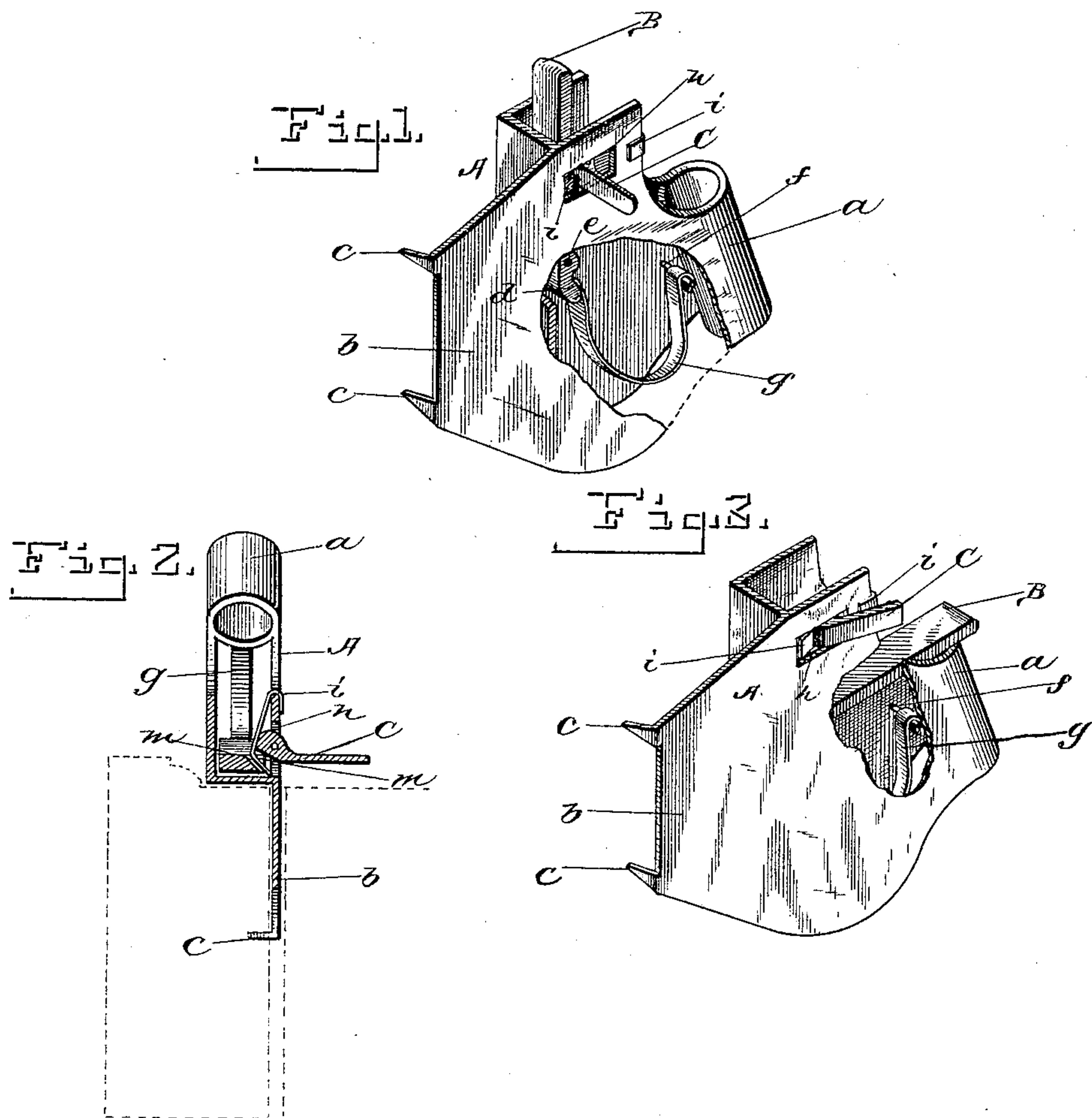
(No Model.)

M. W. BROOKS.

BURGLAR ALARM.

No. 389,361.

Patented Sept. 11, 1888.



Witnesses,
H. S. Rohrer.
Hallac Brown.

Inventor,
M. W. Brooks,
by Luther Dwyer,
his Attorney.

UNITED STATES PATENT OFFICE.

MOSES WALTER BROOKS, OF NEW YORK, N. Y., ASSIGNOR OF ONE-THIRD
TO JOHN S. LARMOUR, OF SAME PLACE.

BURGLAR-ALARM.

SPECIFICATION forming part of Letters Patent No. 389,361, dated September 11, 1888.

Application filed June 11, 1888. Serial No. 276,691. (No model.)

To all whom it may concern:

Be it known that I, MOSES WALTER BROOKS, a resident of New York, in the county of New York and State of New York, have invented
5 certain new and useful Improvements in Burglar-Alarms; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to
10 make and use the same.

This invention relates to burglar-alarms; and it consists in certain improvements in devices for portable alarms, as hereinafter set forth and claimed.

15 In the accompanying drawings, Figure 1 is a perspective view of a portable alarm provided with my improvements, a part of the casing being removed and the hammer being shown as raised in position for a discharge.
20 Fig. 2 is an end view, partly in section. Fig. 3 shows the position of parts when the alarm has been sprung or discharged.

A designates the casing, the forward part of which is provided with a tubular holder, *a*,
25 for a cartridge. The rear of the casing is provided with a plate, *b*, which is rigidly connected or made solid with the casing, and is substantially an extension of one of the side walls thereof, as shown. The plate *b* may be
30 provided with small points *c*, for the purpose hereinafter stated.

B indicates a hammer, which is pivoted within the casing at *e* and is provided with a lip, *d*. A spring, *g*, is placed within the casing, being secured at one end to a fixed pin,
35 *f*, the other end of the spring pressing against the lip *d*, as shown, and tending to throw the hammer against the cartridge-holder *a*.

C indicates a horizontal arm, which is pivotally connected at one end with the casing in an aperture or opening, *h*, in one of the side walls, the pivoted end of said arm being so formed that when the arm is turned outward to the position shown in Fig. 3 it projects
40 somewhat through the casing to serve, in connection with a spring, *i*, as a detent for the hammer B when the latter is raised. The spring *i* is fastened to the casing, and extends along on the inside with its free end turned
45 into aperture *h*, and pressing against the pivoted end of arm C, so that said arm is held by the spring in either its closed position against

the casing or in its outward position at right angles to the casing. A notch, *m*, is made in the edge of the hammer at such point as to
55 bring the notch opposite the aperture *h*, so that the hammer may be detained by means of the spring *i* and arm C.

In applying the device to the door of a room the plate *b* is placed against the jamb of the
60 door, so that the plate will be between the jamb and the door when the latter is closed, as indicated in dotted lines in Fig. 3. The door is then closed, the points *c* connecting
65 sufficiently with the jamb to prevent the device slipping out of place. The hammer B is then raised, and the arm C is turned outward and presses the spring *i* into the notch *m*, which is thus held in its raised position. A blank
70 cartridge is then placed in the tube *a*, and should any one open the door when the device is thus adjusted the door, as it opens, will strike the arm C, closing it forward and releasing the hammer B, which is instantly
75 brought down on the cartridge by the spring *g*, and an alarm is sounded by the explosion of the cartridge.

The device, being small and compact, is convenient for travelers stopping at hotels to
80 carry with them.

I claim—

1. In a burglar-alarm, the combination, with a casing provided with a cartridge-holder and an aperture, *h*, in a side wall, of a spring-hammer adapted to be thrown against the
85 cartridge-holder, a horizontal arm, C, pivoted to the casing in said aperture and constructed to detain or release said hammer, and a spring-detent which bears against said arm.

2. The combination, with the casing provided with a cartridge-holder, an extension,
90 *b*, and an aperture, *h*, in a side wall of the casing, of a notched spring-hammer, B, a horizontal arm, C, pivoted to the casing in said aperture and constructed to be turned into engagement with said hammer, and a spring-detent, *i*, which bears against said pivoted arm.
95

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

MOSES WALTER BROOKS.

Witnesses:

JOHN S. LARMOUR,
E. J. MURRAY.