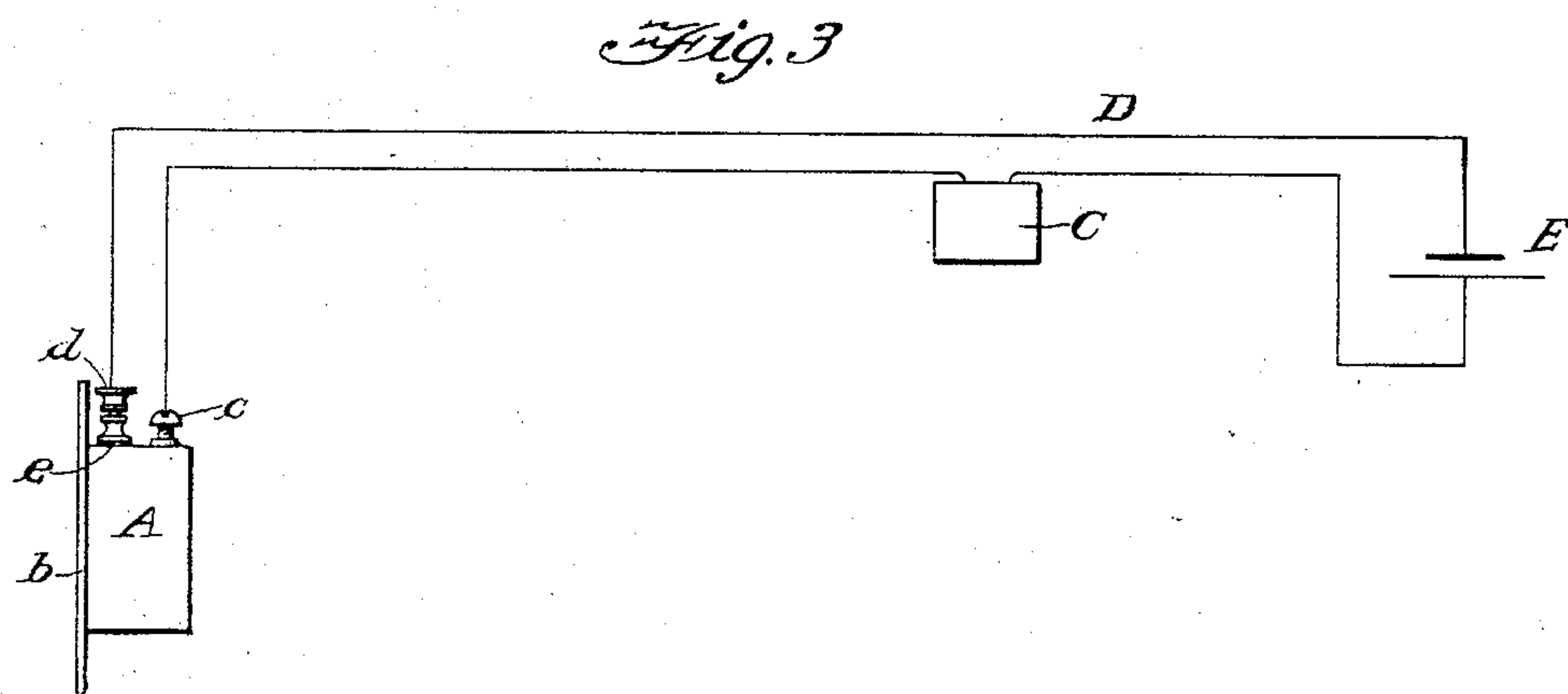
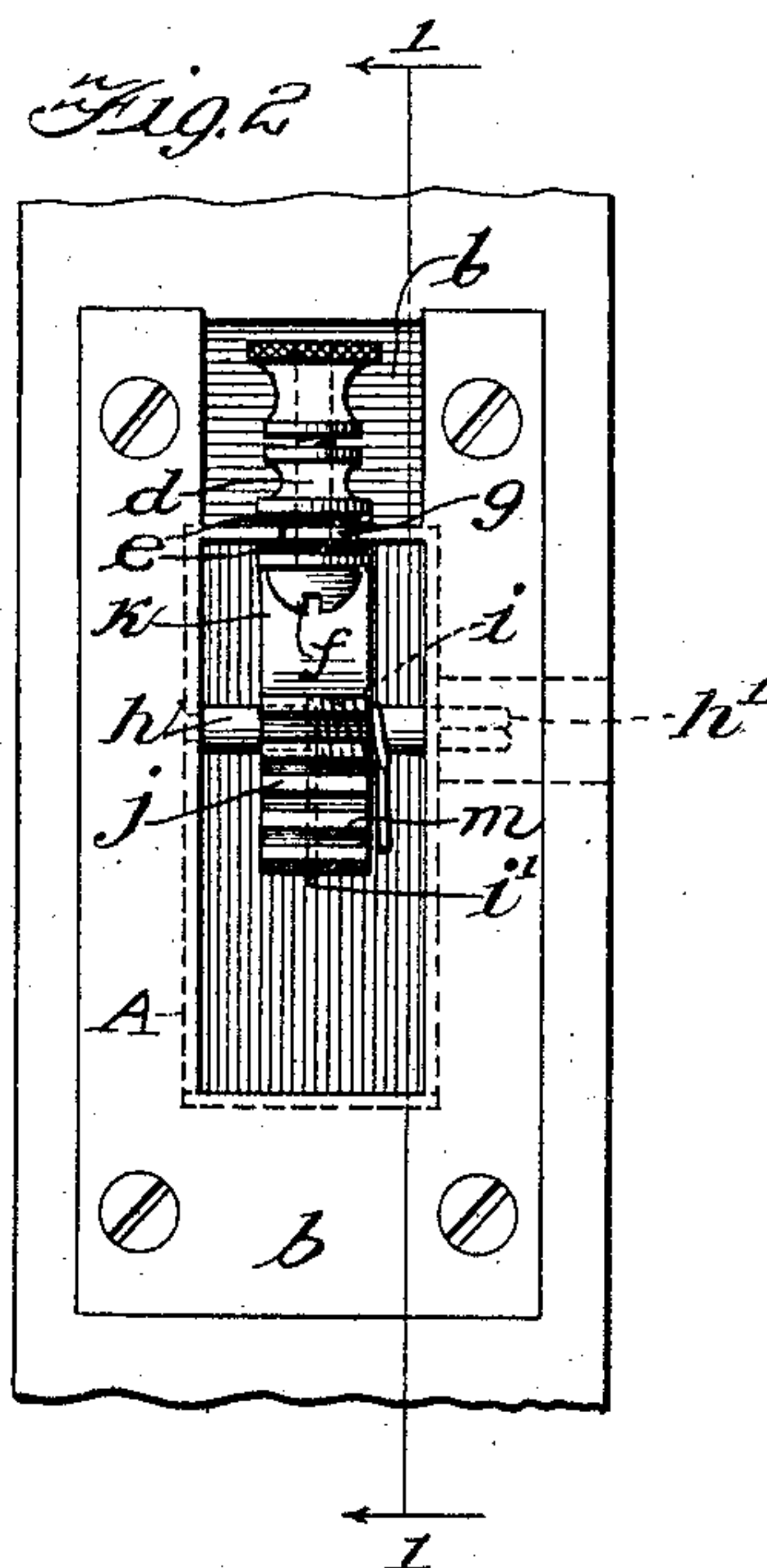


975,186.



Witnesses:-
Wm. H. Yagle
M. Sullivan

Inventor:-
Morris Wheeler
by Wm Zimmerman,
Atty.

UNITED STATES PATENT OFFICE.

MORRIS WHEELER, OF CHICAGO, ILLINOIS.

BURGLAR-ALARM SASH-LOCK.

975,186.

Specification of Letters Patent.

Patented Nov. 8, 1910.

Application filed April 26, 1909. Serial No. 492,212.

To all whom it may concern:

Be it known that I, MORRIS WHEELER, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Burglar-Alarm Sash-Locks, of which the following is a full and correct specification, reference being had to the hereto-accompanying drawing, forming a part hereof, and in which—

Figure 1 shows a fragment of a window-sash in outline and the window-frame and lock in section on the cutting plane 1, 1, of Fig. 2. Fig. 2 shows the window-frame in face view. Fig. 3 is a diagrammatic illustration of my said device.

Like reference letters denote like parts throughout.

The object of my invention is to provide a sash-lock in combination with an electrically actuated alarm mechanism which is so arranged and constructed that any motion in the direction of opening the sash will cause the alarm to sound, also to permit setting the sash for ventilation, as for bed-rooms, to such a point as will still prevent entrance without moving the sash, and when moved, cause the alarm to sound. To attain said desirable ends I construct and apply my said new device in substantially the following manner, to wit:

I provide a metal casing A having a face-plate *b* and to said casing are attached binding-posts *c* *d* whereof the latter is insulated at *e* on each side of said casing and held by a screw *f* which passes through an enlarged hole *g* in said casing and thereby prevents contact of said screw with the casing A and on the inside of said casing and on the head of said screw *f* is placed a spring *h* which is

insulated from the casing on its edges and into said casing is placed an eccentric cam *j* which turns on a shaft *h* and on said shaft is wound a coiled spring *i* whereof one end is held by the side of the casing, and said spring is provided with a spring-arm *i'* under said cam, whereby said cam is lifted and contacts with the sash B whereby it is actuated when the sash is moved.

A chamber *l* is cut out of the window frame to make room for the binding posts, and the contact-face of the cam *j* is provided with teeth *m*. A key-post *h'* on one end of the shaft *h* receives a key by means of which said shaft and its cam may be moved against the pressure of the arm *i'* to release the cam *j* from the sash B so that the latter may be operated. By simply inverting the part A it may be applied to an upper window sash.

In Fig. 3 is shown a circuit D and in it the battery E, alarm C and lock A.

As shown in Fig. 1 the cam *j* is contacting the spring *h* and thereby is completed the circuit through the screw *f* but when in normal position said parts are not in contact and the circuit is broken.

What I claim is:

The combination with a window frame and a sash therefor, of a metallic casing on the window frame, a key-operable shaft journaled in said casing, a cam on said shaft and contacting with said sash, a contact-spring held by and insulated from said casing, an electric circuit connected to the contact-spring and to the casing, and an alarm in said circuit.

MORRIS WHEELER.

Witnesses:

JOHN P. MARSH,
WM. ZIMMERMAN.