E. RANDENBURG.

PORTABLE BURGLAR ALARM.

APPLICATION FILED AUG. 8, 1912.

1,115,738. Patented Nov. 3, 1914.

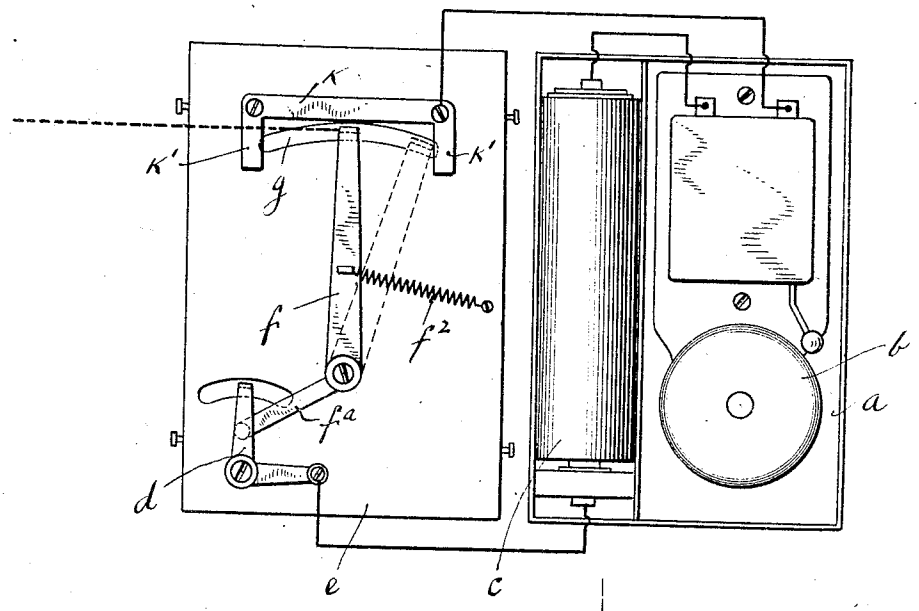


Fig. 1.

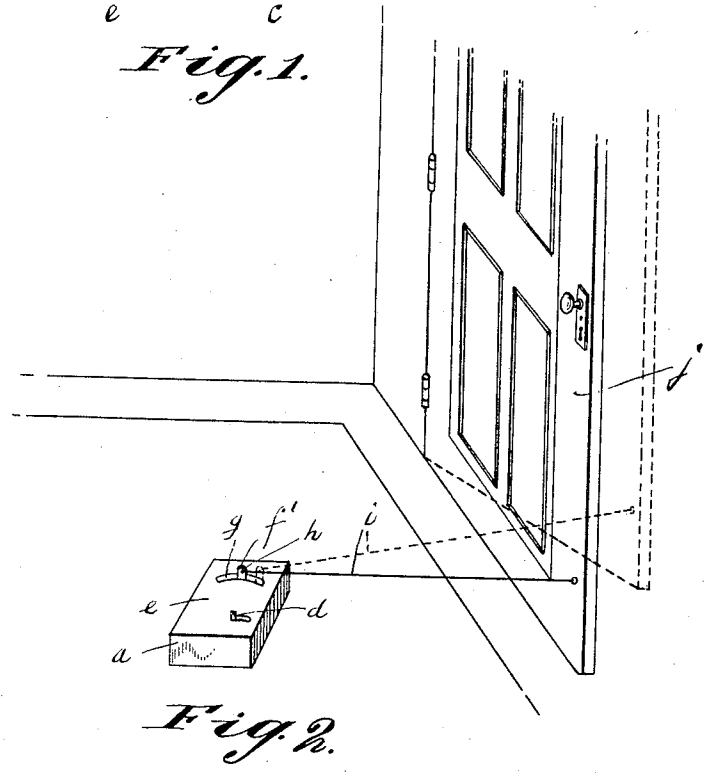


Fig. 2.

WITNESSES

Harry C. Hoebig

D. Klein

INVENTOR

Ernest Randenburg.

BY Mark Wedmann

ATTORNEY

UNITED STATES PATENT OFFICE.

ERNEST RANDENBURG, OF NEW YORK, N. Y.

PORTABLE BURGLAR-ALARM.

1,115,738. Specification of Letters Patent. Patented Nov. 3, 1914.

Application filed August 8, 1912. Serial No. 713,989.

To all whom it may concern:

Be it known that I, ERNEST RANDENBURG, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Portable Burglar-Alarms, of which the following is a specification.

The present invention relates to burglar alarms and has for its object to provide a portable or what may be called a pocket burglar alarm of such a construction that the same can be carried along on a journey and set up at any suitable place to be at once ready for use without requiring any wiring and fixing in position.

Hitherto burglar alarms have been fixed to walls or other stationary parts and when electrically operated alarms are used the fixing of lead wires is necessary, so that the attachment of such alarm devices is somewhat troublesome and takes some time.

The burglar alarm, according to my invention, will enable a person who changes his quarters frequently, as for instance a traveling salesman, to always carry a burglar alarm with him, which he may set up and quickly connect to the door, window of his room, or to a drawer, or to any easily removable object, to be ready for immediate use.

To accomplish my object, my alarm device substantially consists of a box containing an alarm bell of suitable construction and operable by mechanical or electrical power and a device for setting the alarm bell in operation, which device is adapted to be tied to the door.

My invention is fully illustrated in the accompanying drawing, which forms a part of this specification, and in which similar reference characters denote corresponding parts, Figure 1 being a top plan view of the box and of the removed lid and showing the alarm device proper arranged therein and Fig. 2 being a perspective view of the closed box shown connected to a door.

In the present embodiment of my invention I have shown the alarm device to consist of an electric bell, but I wish it to be expressly understood that my invention is not restricted to such bells, as any other suitable alarm instruments may be substituted therefor, without deviating from the principle of my invention.

In the drawing *a* denotes a portable box of any suitable size and construction, containing an electric alarm bell *b* which is operated from a dry battery *c*, bell, battery and the connecting wires being fixed in the box. The circuit of said battery is controlled by an ordinary manually adjustable switch *d*. In the present example the switch *d* is fulcrumed on the inner surface of the lid *e*. In addition to this switch a spring actuated double armed lever *f* or the like is fulcrumed on the inner surface of the lid, one arm f^a thereof being adapted to normally contact with the switch *d* and the other arm being provided at its free end with a bend *f* which projects outwardly through a circularly curved slot *g* made in the lid *e*. If it is desired to cut out the connection, the arm or switch *d* may be swung so as to be out of contact with the arm f^a. The bend has an eyelet *h* or the like to which a cord *i* or other flexible means is attached and which is adapted to be tied to the door *j*, window or an object, the opening or removal of which is to be prevented.

As the box is adapted to rest loosely on the floor or on any suitable support the same, with its contents, is adapted to be of comparatively heavy weight so as to require more force for its displacement than that for overcoming the tension of the spring f^2 actuating the lever *f*. The box is so positioned relative to the door or other object or its connection to the latter through the medium of the cord is such, that the arm *f* normally will be held in a central position between the lateral parts *k'* of the U-shaped contact piece *k*. When on an attempt to open the door, as indicated by dotted lines in Fig. 2, the arm is caused to swing to the right or the left from its central position, the same will come into contact with any one of the lateral parts *k'* of the U-shaped contact piece *k* whereby the circuit therethrough and through the properly adjusted switch *c* will be closed, setting the alarm bell into operation.

What I claim and desire to secure by Letters Patent is:

In a burglar alarm, the combination with a portable box, of an alarm bell and a battery for the operation of said bell arranged in the interior of the box, a circuit closer arranged on the inner face of the lid of said box consisting of a U-shaped contact piece and a spring actuated rocking member, the free end of said rocking member projecting outwardly through a curved slot in the said

lid and having an eyelet for connecting means and adapted to swing between the side pieces of the U-shaped member, a hand switch coöperating with the said rocking member and mounted on the inner face of the lid and electric connections between said circuit closer, switch, battery and bell.

In testimony whereof I affix my signature in presence of two witnesses.

E. RANDENBURG.

Witnesses:
LAWRENCE L. LEVY,
MAX I. ORDMANN.