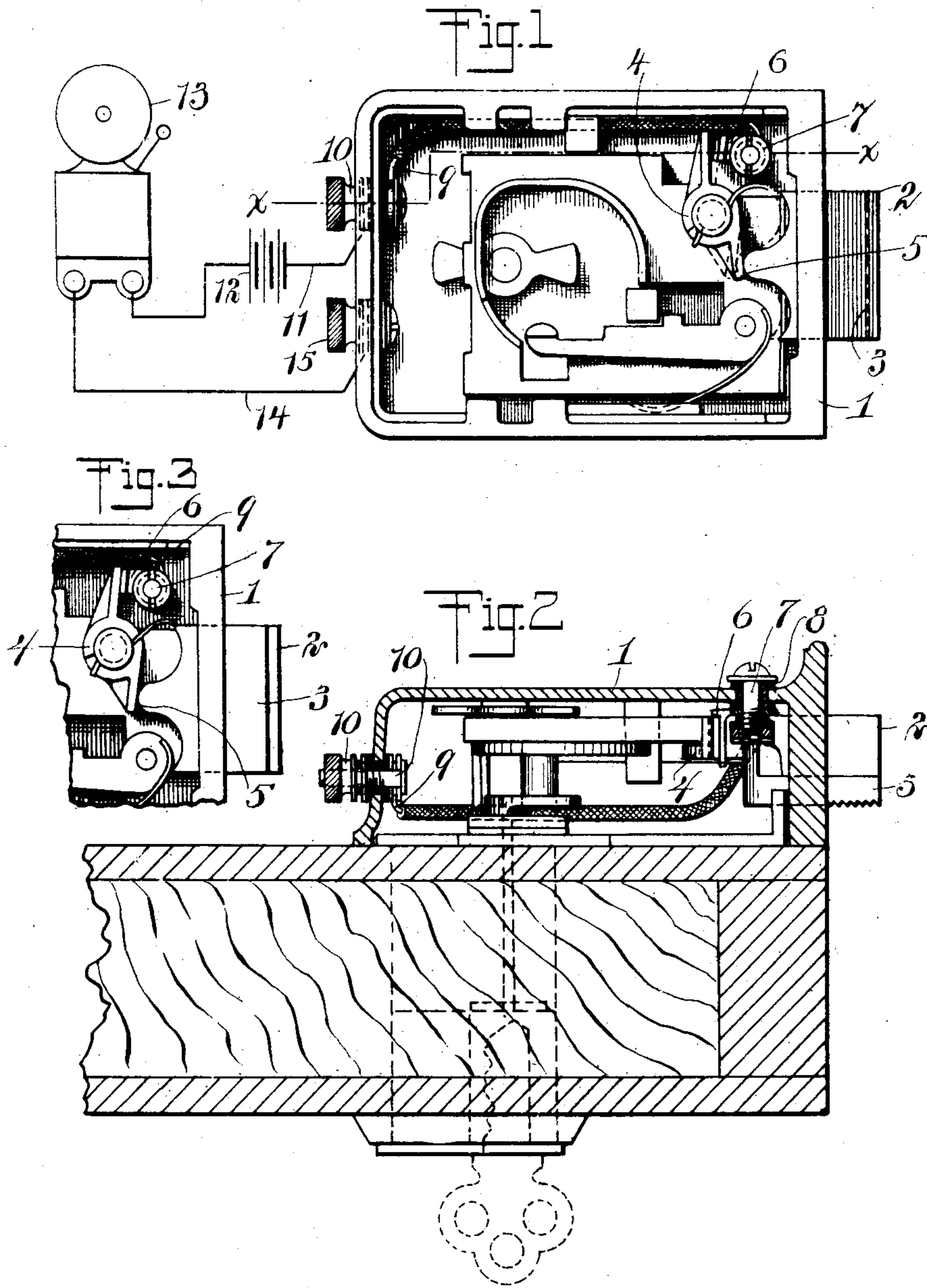


No. 869,462.

PATENTED OCT. 29, 1907.

M. SHEINMAN.
ALARM DEAD LOCK.
APPLICATION FILED AUG. 8, 1906.



WITNESSES
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MORRIS SHEINMAN, OF NEW YORK, N. Y., ASSIGNOR TO THE ALARM LOCK COMPANY, A CORPORATION OF NEW YORK.

ALARM DEAD-LOCK.

No. 869,462.

Specification of Letters Patent.

Patented Oct. 29, 1907.

Application filed August 8, 1906. Serial No. 329,719.

To all whom it may concern:

Be it known that I, MORRIS SHEINMAN, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Alarm Dead-Lock, of which the following is a full, clear, and exact description.

This invention relates to improvements in alarm locks for doors, the object being to provide in connection with a lock, a simple means for closing an electric alarm circuit should an attempt be made to force open the locking bolt from the outer side of the door by means of a knife blade or similar instrument.

I will describe an alarm dead lock embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an inside plan of an alarm dead lock embodying my invention; Fig. 2 is a section on the line $x-x$ of Fig. 1; and Fig. 3 is a fragmentary view showing the electric circuit as closed.

Referring to the drawings, 1 designates a lock of substantially the usual construction, and 2 a locking bolt therein, which may be operated from the inner side of the door by the usual knob, and by means of a key from the outer side of the door.

The locking bolt 2 is supplemented by a member 3 which is slidable on the main portion of the bolt, and is designed to close an electric circuit should an attempt be made to force the bolt from the outer side of the door.

Pivottally mounted on the bolt 2 within the lock-case is a circuit closer proper, consisting of a block 4 engaged at one end by a projection 5 on the sliding member 3, and the opposite end thereof is designed to engage with a contact-plate 6 in electrical connection with a binding post 7 attached to the frame but insu-

lated therefrom as indicated at 8. From the binding post 7 a wire 9 extends to connection with a binding-post 10 extending through a wall of the lock casing but insulated therefrom. From the binding-post 10 a wire 11 leads through a battery 12 and connects with one pole of an alarm bell 13, the other pole of said bell being connected through the wire 14 with a binding-post 15 in electrical connection with the lock casing.

In operation, the circuit closer device 4 is normally out of contact with the plate 6, and therefore the locking bolt may be moved inward and outward in the usual manner without closing the circuit. Should however, an attempt be made to move the bolt by inserting a blade or the like, the blade or the like will engage with the sliding part 3, and by moving it inward will rock the circuit closer part 4 into engagement with the plate 6, thus closing the circuit and sounding the alarm.

Having thus described my invention I claim as new and desire to secure by Letters Patent:

1. A dead-lock having a bolt, in combination with a member movably mounted on said bolt and adapted to be moved by a person tampering with said bolt, a spring seating on said bolt and pressing said member, and means for closing a circuit when said member is moved relatively to said bolt.

2. A dead-lock having a case, a bolt slidably mounted therein, a member mounted to slide on said bolt and protecting the side thereof, a circuit closer pivoted on said bolt and engaged by said member, and a circuit adapted to be closed by said contact closer.

3. A dead-lock having a sliding bolt, a sliding member mounted on said bolt and protecting the side thereof, a spring mounted upon said bolt and pressing said sliding member, a circuit closer adapted to be displaced by said sliding member, and a circuit adapted to be closed by said circuit closer.

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

MORRIS SHEINMAN.

Witnesses:

MORRIS KATZ,

MARTIN SINGER.