

June 26, 1934.

S. J. HODOS

1,964,353

BURGLAR ALARM SYSTEM

Filed July 15, 1931

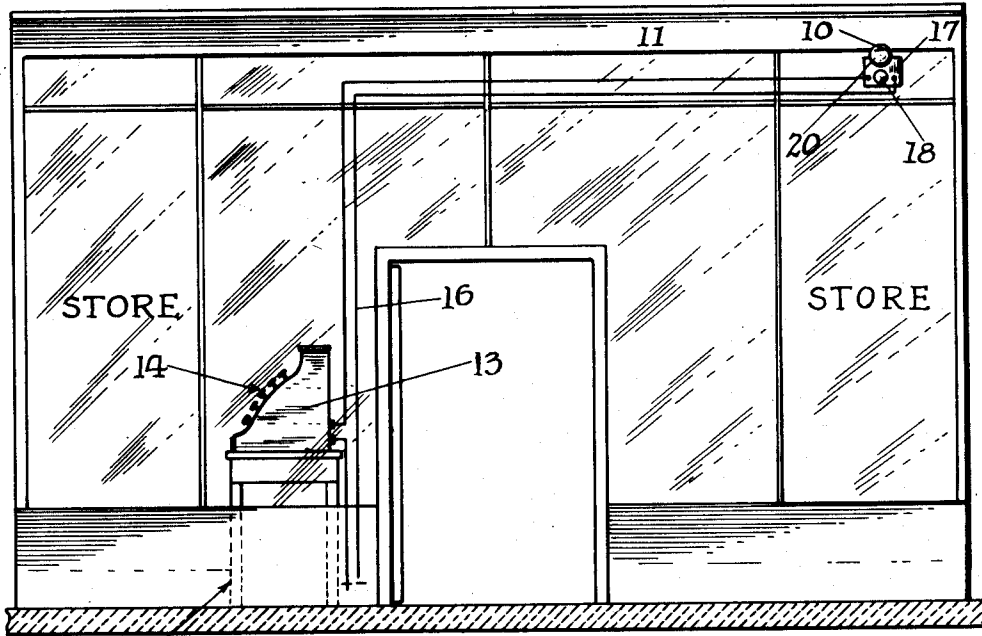


FIG. 1.

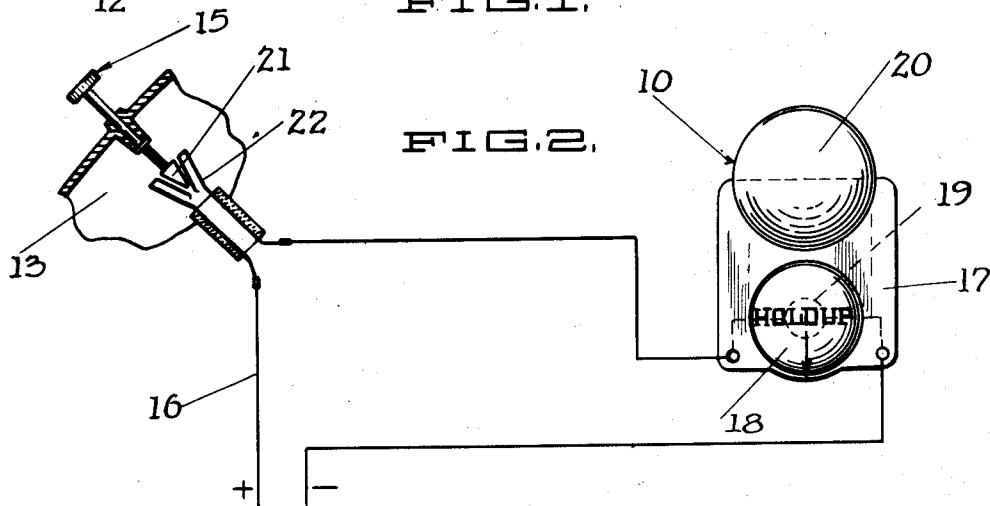


FIG. 2.

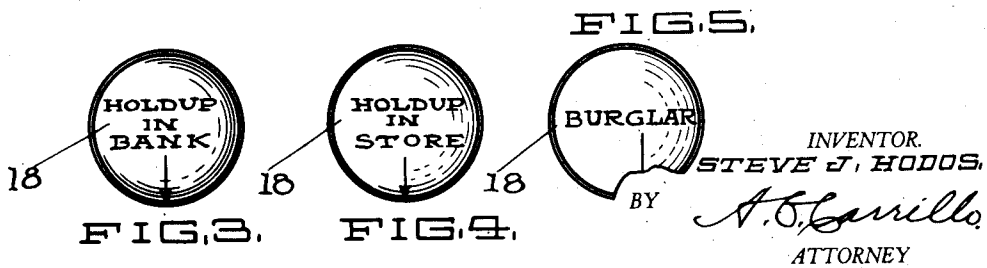


FIG. 3.

FIG. 4.

FIG. 5.

INVENTOR.
STEVE J. HODOS.
BY *A. C. Canillo*
ATTORNEY

UNITED STATES PATENT OFFICE

1,964,353

BURGLAR ALARM SYSTEM

Steve James Hodos, San Francisco, Calif.

Application July 15, 1931, Serial No. 550,897

1 Claim. (Cl. 177—314)

The present invention relates generally to a new and useful burglar alarm system and more particularly to a burglar alarm system which is suitable for stores and like places of business wherein a cash register is kept for changing and handling money in the transaction of routine business.

The system of the present application embodies an audible alarm and a visible warning signal preferably positioned at some point on the outside wall of the building and electrically connected by means of an electrical circuit to a key controlled switch arranged on the keyboard of the cash register or the like.

In most stores and business houses a cash register is employed and it is the general practise of burglars to enter the store and demand that the cashier or the person in charge hand over the cash on hand. In this event the cashier naturally has to press a button to open the cash drawer and the register in this case is equipped with a red colored button, which button is connected in to an electrical circuit and closes this circuit when forced inwardly and causes the alarm to be sounded.

The present system is a much more simplified form than that disclosed in my two copending applications for Audible burglar alarms, filed July 15, 1931, Serial Nos. 550,895 and 550,896, respectively, in which I have used an audible alarm in the form of sound reproducing elements and loud speakers, while in the present form I use an audible alarm in the form of a bell combined with a visible alarm.

The principal object of the present invention is to provide a combined audible and visible alarm electrically connected to a cash register or the like in such manner that upon operation of a selected key of the register an audible and a visible alarm is given at a point outside the structure.

Another object of the invention is to provide a greatly simplified alarm system for stores and the like which is compact in form, positive in operation and extremely simple in design and cost of manufacture.

Other objects and advantages of the invention will become apparent with reference to the subjoined specification and the accompanying one sheet of drawing forming a part thereof and in which:

Figure 1 is a front elevation illustrating a store front provided with a remotely situated alarm controllable by means of an electrical circuit from any source of supply and operable by means of a cash register push key switch;

Figure 2 is a diagram showing the signal, signal circuit and the operating push button for closing the circuit;

Figure 3 is a view of the lens of the alarm which is red in color and provided with the normally invisible words, "Holdup in bank" which lettering is made visible when the circuit is closed; and

Figures 4 and 5 are views of similar lenses having various warning indicia arranged thereon and normally invisible to the eye.

Referring more particularly to the drawing in which one form of my invention is disclosed, the system consists of an alarm 10 mounted in any suitable place on the outside wall 11 of a building structure 12 which in this instance is shown as a store.

Inside the store is shown the usual cash register 13 having a keyboard 14, one of which keys 15 is colored red and acts to close the electrical circuit 16 as hereinafter more fully described.

The alarm 10 consists of a casing 17 in which is mounted a ruby lens 18 behind which is mounted a light bulb 19. An ordinary alarm bell 20 is mounted on the casing 17 and the bell 20 and the bulb 19 are included in the electrical circuit 16.

The alarm circuit 16 is closed by means of the push button switch 15 which push button is similar in every manner to the key board of the register 13 except that it is colored red. The inner end of the push button stem 21 is a plunger type push button and is normally retracted from the contact elements 22 of the circuit 16, but when said plunger is forced inwardly circuit is closed and the bell 22 of the signal 10 is operated and the bulb 19 is energized which causes the illumination of the ruby lens 18 and the normally invisible letters, "Holdup", "Holdup in Bank", "Holdup in Store", or "Burglar" will be illuminated and the attention of passersby or the police directed to the store which is being held up.

In Figures 3, 4 and 5 I have shown various ruby lenses having various warning indicia marked thereon which may be substituted for the lens shown in Figure 2.

It will be noted that the special key 15 shown in Figure 2 of the drawing functions in the same manner as the remaining keys of the cash register keyboard, that is, when the key 15 is forced inwardly to close the circuit 16 it remains in this position as do the rest of the keys of the keyboard and the circuit remains closed until another selected key of the keyboard is actuated which releases all keys and allows them to return

to normal positions, this function also causing the key 15 to return and break the circuit.

I claim and desire to secure by Letters Patent of the United States the following:

- 5 An office equipment machine, a circuit closer on said machine operating means for said circuit closer simulating the operating keys of said

machine and so located as to be operated by an operator's movement indistinguishable from a movement used in the normal operation of the machine, a distant signal, a circuit and a source of current including said signal and circuit closer. 80

STEVE JAMES HODOS.

10	85
15	90
20	95
25	100
30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145
75	150