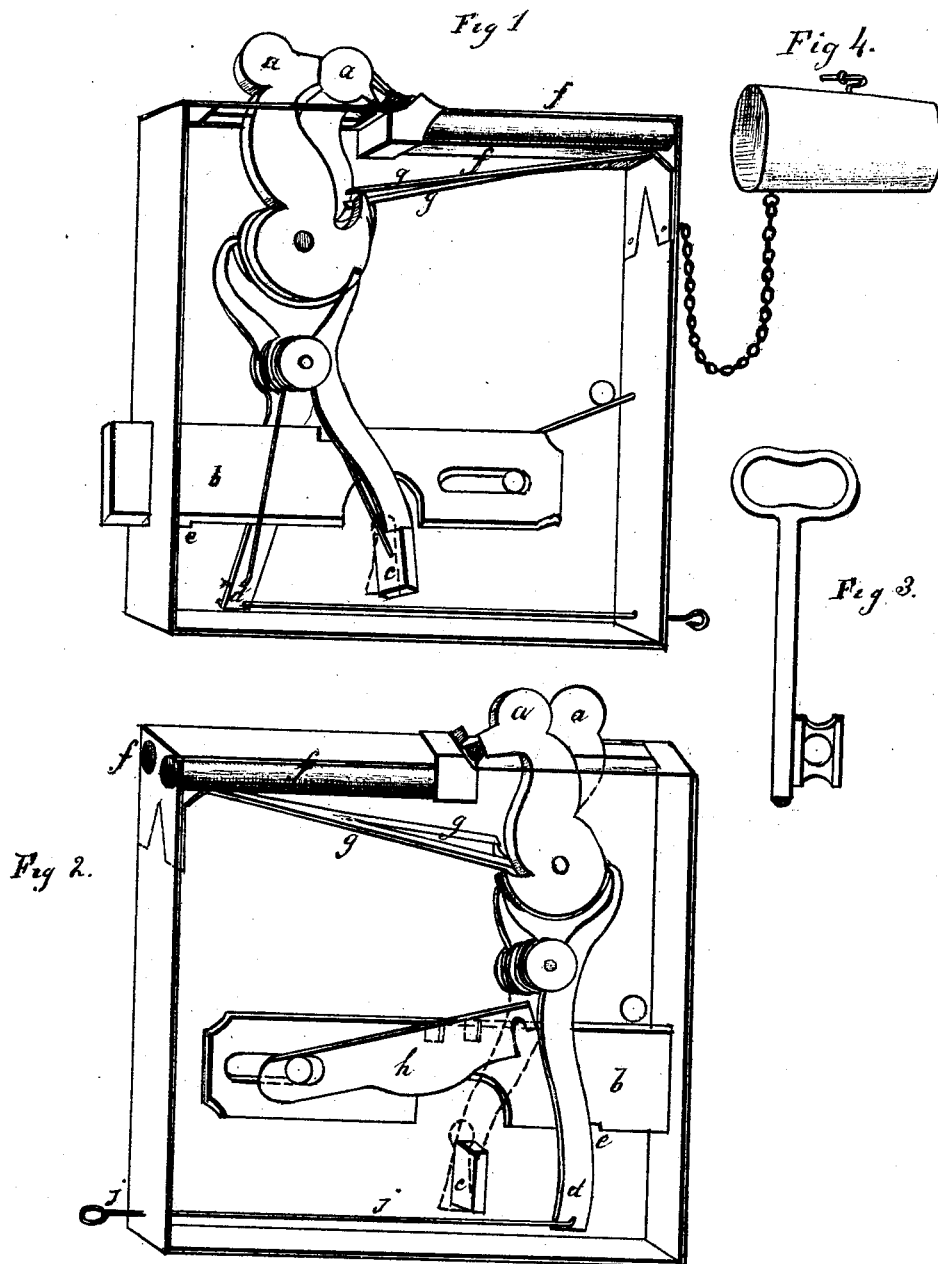


T. F. Sinks,

Alarm Lock

No. 109,954.

Patented Dec. 6, 1870.



*Daniel S. Wilder
Jonathan Wood*

Thomas P. Sinks

United States Patent Office.

THOMAS P. SINK, OF FAIRTON, NEW JERSEY.

Letters Patent No. 109,954, dated December 6, 1870.

IMPROVEMENT IN ALARM-LOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS P. SINK, of Fairton, in the county of Cumberland and State of New Jersey, have invented an Alarm Door-Lock; and I do hereby declare the following to be a full and correct description of the same, reference being had to the accompanying drawing, in which—

Figure 1 represents a front view of the lock.

Figure 2 is a back view of the same.

Figure 3, the key.

Figure 4 shows a receiver for the wad of the charge.

The nature of my invention consists of providing a lock with two gun-barrels, one of which will be discharged by the insertion of a key, and the other by the shooting of the lock-bolt when properly arranged, so as to operate as a burglar-alarm.

a a indicate the gun-lock hammers.

b b, the door-lock bolt.

c c is a key-trigger.

d d is a trigger with an alarm-wire.

e e show a shoulder of the lock-bolt.

f f are the gun-barrels

g g are the hammer springs.

h, the bolt-dog.

i i is the alarm-wire.

The object of this invention is to construct a door-lock of the usual shape and size with gun-barrels that can be readily made use of when required as an alarm.

The object of the receiver, as shown at fig. 4, is to

prevent the wad of the charge from striking the door; it is also intended to connect this receiver with an alarm-bell, if needed.

The trigger *c c* is made to cover the key-hole when the hammer is cocked, and thereby operates the gun-lock when anything enters the key-hole.

The trigger *d d* is made to operate by the shoulder *e* of the lock-bolt *b*, and also by the alarm-wire *i i*.

It will be seen, by the drawing herewith, that the trigger *c*, when the gun-lock is cocked, presents to the key-hole a bevel surface, so that when the key or pick-lock enters the key-hole it comes in contact with the bevel of the trigger, and it slides sidewise as the key is pushed against it. By this means it springs the gun-lock before the key comes in contact with the bolt of the door-lock, and by this means the alarm will be given before the door can be unlocked.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of a double-barrel gun with a door-lock, and with the trigger *c* in contact with the key-hole, as herein described, and for the purpose set forth.

The above specification of my said invention signed and witnessed at Fairton this 30th of September, A. D. 1869.

THOMAS P. SINK.

Witnesses:

DANIEL S. WILDIN,
JONATHAN WOOD.