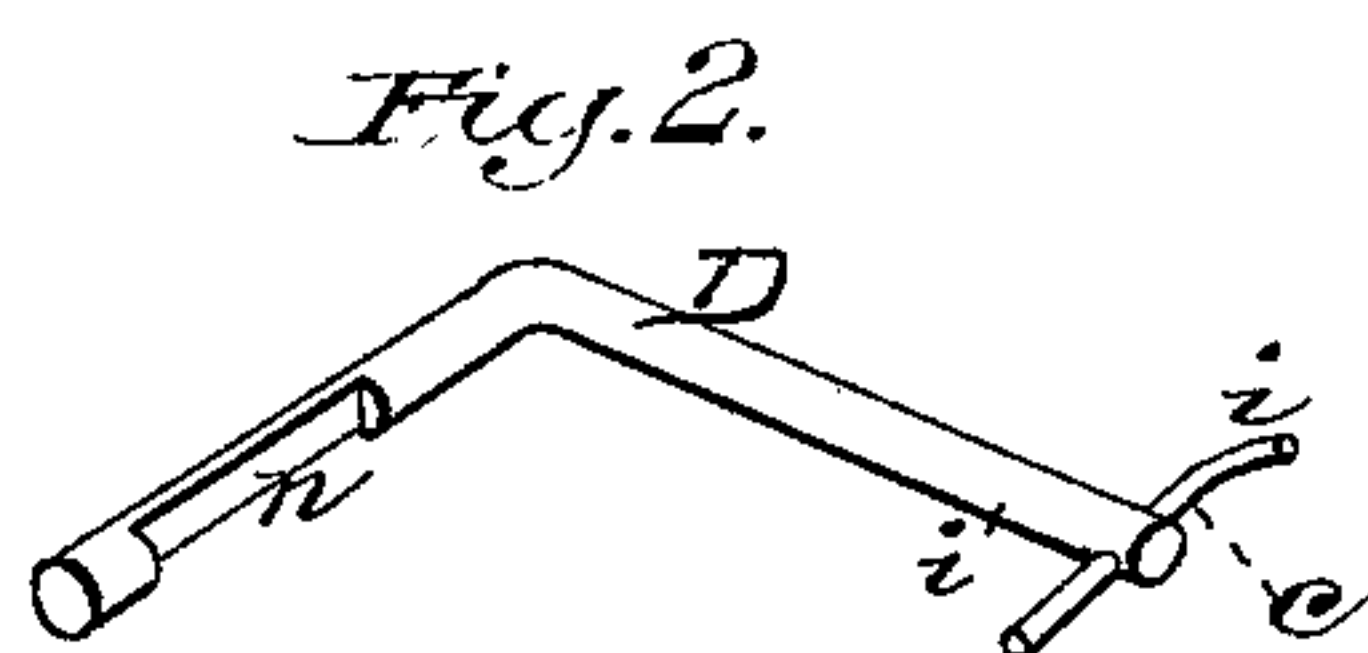
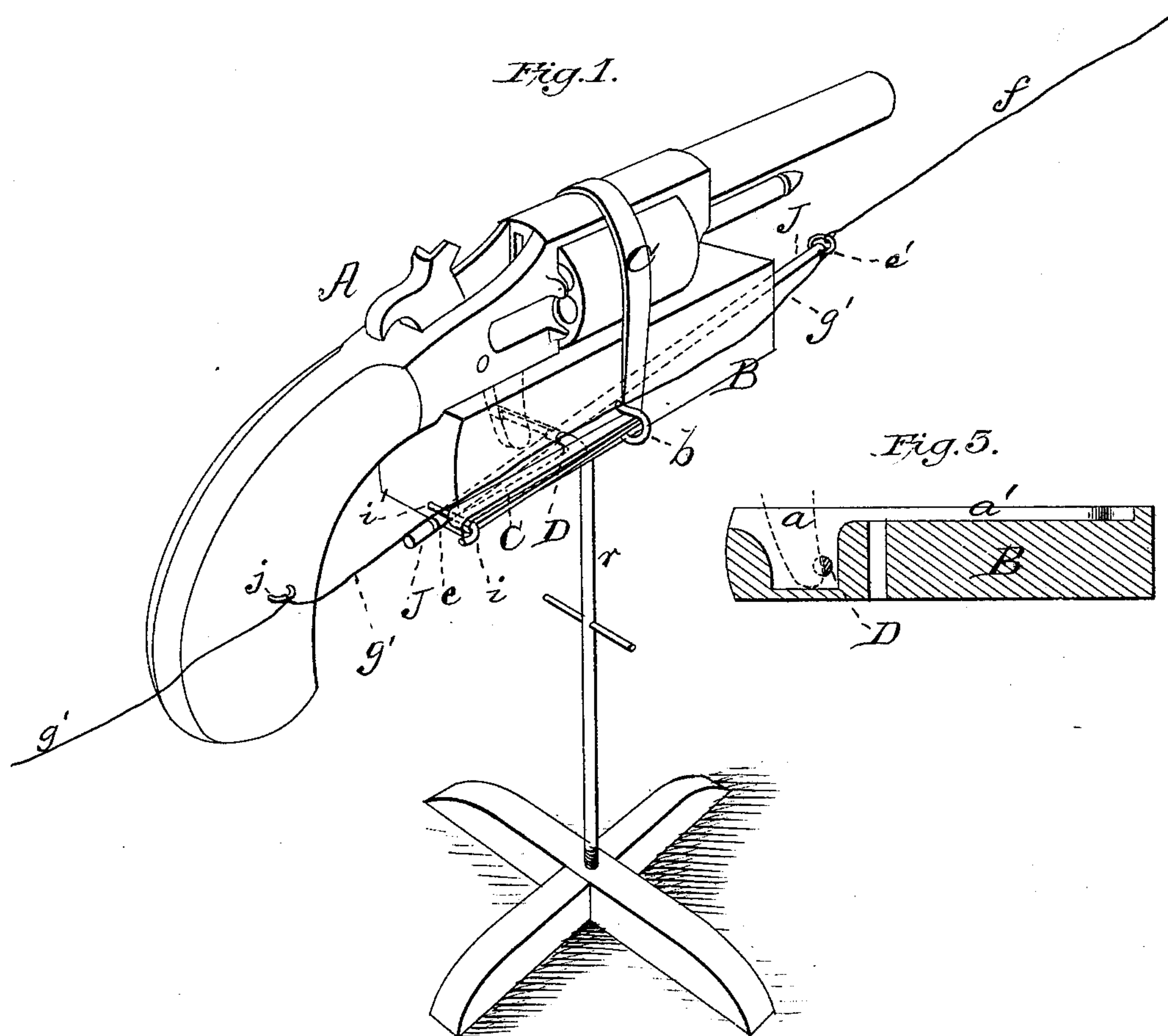


J. A. DANIELS.  
Burglar-Alarm.

No. 218,240.

Patented Aug. 5, 1879.



WITNESSES  
*John A. Lewis.*  
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# UNITED STATES PATENT OFFICE.

JULIUS A. DANIELS, OF ANDERSON COURT-HOUSE, SOUTH CAROLINA.

## IMPROVEMENT IN BURGLAR-ALARMS.

Specification forming part of Letters Patent No. **218,240**, dated August 5, 1879; application filed June 7, 1879.

*To all whom it may concern:*

Be it known that I, JULIUS A. DANIELS, of Anderson Court-House, in the county of Anderson and State of South Carolina, have invented a new and valuable Improvement in Trigger Attachments for Fire-Arms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my improved attachment, and Figs. 2 and 3 are details thereof.

This invention has relation to improvements in trigger attachments for fire-arms.

The object of the invention is to adapt any fire-arm let off by a trigger to be used as a burglar-alarm.

The nature of the invention consists in means, substantially as hereinafter specified, whereby the muzzle of the pistol is turned toward the burglar before the said weapon is discharged, whereby it is infallibly turned away from the legal occupant of the room and locked against firing, and, finally, whereby the above-sketched devices may be applied to any description of trigger.

In the accompanying drawings, the letter A designates an ordinary pistol, in connection with which I shall illustrate my invention. B indicates an oblong rectangular block, recessed upon its top side to receive the trigger and guard, as shown at *a*, Fig. 3, and to form a seat, *a'*, for the lower edge of the pistol, resting in which it is, as it were, cradled. The pistol is fastened removably to its cradle by means of an enveloping rubber band, C, the extremity of which is carried through an eye-screw, staple, or its equivalent, *b*, and passed over one end, *i*, of a cross-arm, *c*, on the end of a crank-lever, D, extending through the cradle-block just in front of the trigger, and acting as a let-off therefor.

That portion of the crank within the recess *a* is provided with an oblong notch, *n*, extending half-way, or nearly so, through it, which converts this branch of the said crank into an eccentric.

J indicates a metallic rod, extending longitudinally through the cradle-block and projecting from both ends thereof. This rod is notched or loop-bent at its rear end, as shown at *e*, and has on its front end an eye, *e'*.

The alarm is set by throwing the outside arm of the crank-lever backward into a horizontal position, as shown in Fig. 1, and thrusting the let-off rod J backward until its end is engaged under the remaining arm *i'* of the cross-arm *c*, as shown in Fig. 1. This entire apparatus is mounted so as to vibrate horizontally upon a rod, *r*, having a suitable base or clamp for attachment to a table, bed-head, or other article of furniture.

Secured to the eye *e'* are a number of cords, *f*—usually cotton is sufficiently strong—reaching to various parts of a room, as to the door-posts, window-frames, and the like, and hanging loosely. I have only shown one of these cords in the drawings. *g'* indicates a similar cord, also secured to eye *e'*, but reaching alongside the pistol to a loop or ring, *j*, on the stock, passing through which its end is secured to the bed-post or other convenient object. This cord also swings loosely.

The operation is as follows: A burglar having entered a room comes in contact with one of the cords *f*. The pistol swings round upon its pivot-rod until it points directly to the intruder, and a little stronger pressure on the cords draws the rod J out of engagement with the cross-arm *c* of the crank-lever, allowing the spring C to react and operate the said lever, which, acting as an eccentric, presses against the trigger and discharges the weapon directly at the intruder. The cord *g'* is so arranged that an authorized person, knowing where to find it, can press against it, revolve the pistol with its muzzle pointing oppositely from his stand, and move the rod J backward until the arm *i'* of the cross-head engages the notch in the end of said rod, when the said cross-arm is locked to its engagement with the said rod. A very considerable strain might be now put upon the cords *f* without danger.

This device is of great service in protecting residences, barns, corn-cribs, and other places against burglarious attacks.

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

1. In a burglar-alarm, the combination, with a cradle-block, B, having recess *a*, a fire-arm seated therein, and having its trigger extending down into said recess, the crank-lever D, having the half-round or eccentric portion *n* extending through the said block and engaging the trigger, the spring C, and let-off rod J, extending through the said block and engaging the crank-lever, and directing and safety cords attached to the said rod, substantially as specified.

2. The combination, with a pivot-rod, *r*, cra-

dle B, rotating thereon, and pistol A, of the spring C, crank-lever D, having cross-arm *e*, rod J, having notch or bend *e*, the directing-cords *f*, and the safety-cord *g'*, substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JULIUS A. DANIELS.

Witnesses:

GEO. C. POULTON,  
FRANK J. MASI.