

C. C. RANLETT.
BURGLAR ALARM.
APPLICATION FILED JUNE 10, 1908.

956,414.

Patented Apr. 26, 1910.

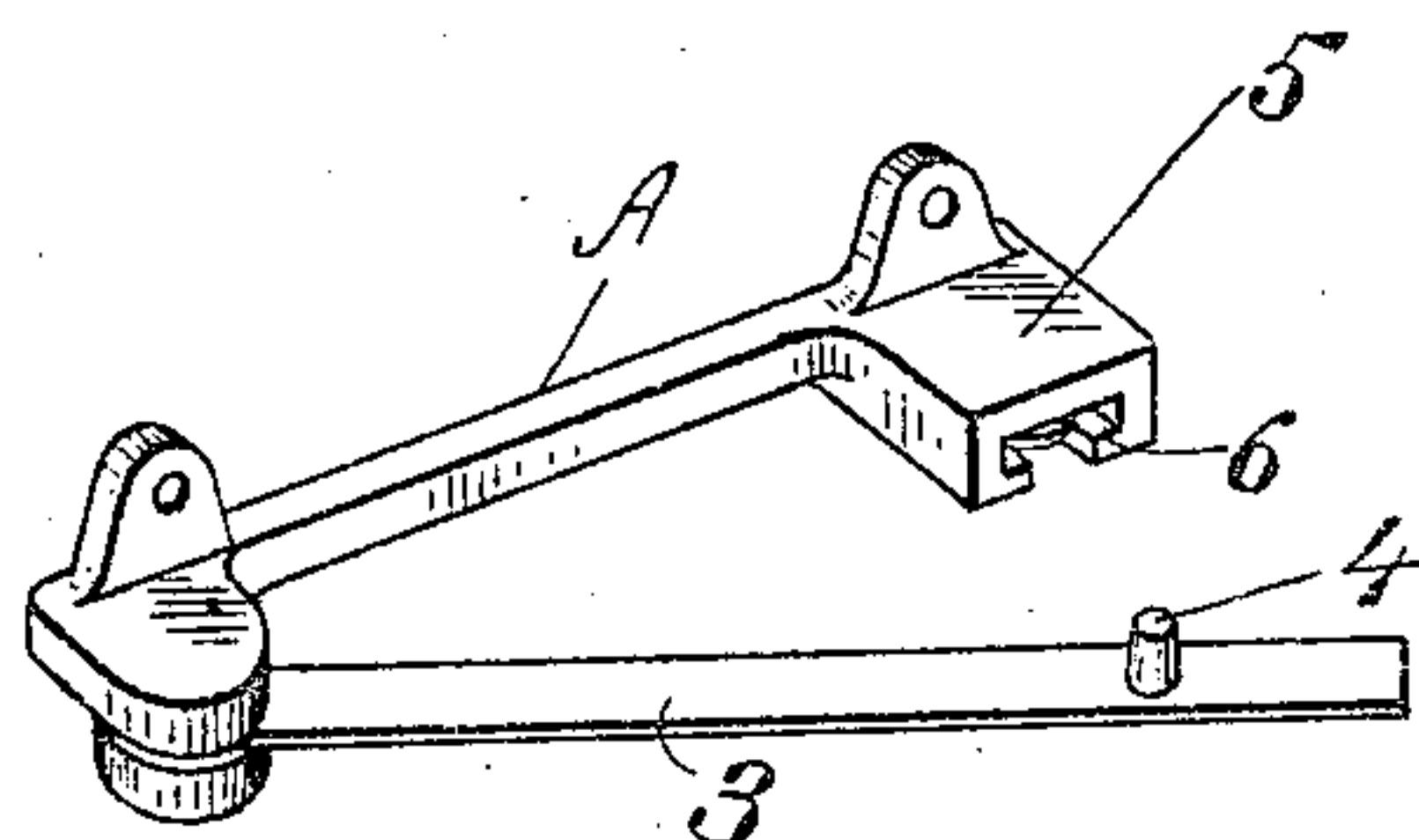
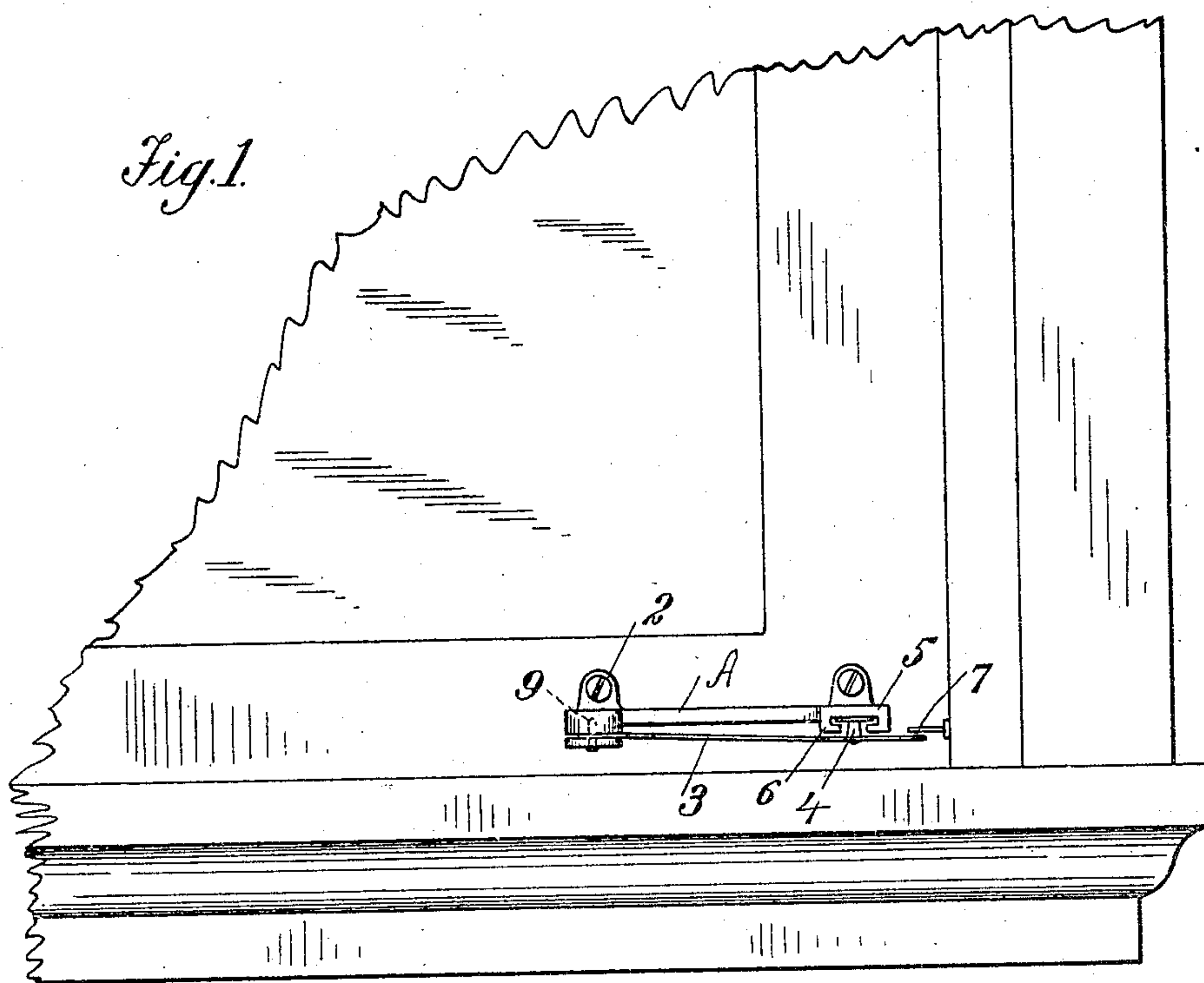


Fig. 2.

WITNESSES

Alex Currie
Charles R. Ruffin

INVENTOR

Charles C. Ranlett
BY *Geo. H. Strong*
ATTORNEY

UNITED STATES PATENT OFFICE.

CHARLES C. RANLETT, OF OAKLAND, CALIFORNIA.

BURGLAR-ALARM.

956,414.

Specification of Letters Patent.

Patented Apr. 26, 1910.

Application filed June 10, 1908. Serial No. 437,742.

To all whom it may concern:

Be it known that I, CHARLES C. RANLETT, citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Burglar-Alarms, of which the following is a specification.

My invention relates to burglar alarm devices, and pertains especially to an attachment for a window, door or other closure to be opened; which device will act when the door, window or other closure is surreptitiously moved, to explode a cap or the like, and so sound an alarm.

The invention consists of the parts and the construction and combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 shows the attachment of my device to a window. Fig. 2 is a perspective of the device.

A represents the body of the device, which may be of any suitable size, shape or material. This device, as here shown, is in the form of a casting adapted to be attached to a window, as represented at 2.

3 is a spring secured to the casting and carrying the hammer 4 which is movable toward and from an anvil portion 5, which latter is suitably fashioned to support an explosive cap, so that when the spring 3 is drawn downward or away from the anvil, with the hammer in line with the cap, the cap will be exploded on releasing the tension on the spring.

As here shown, the cap is designed to be supported in the guides 6 just beneath the anvil, and the hammer is movable toward and from the anvil between these guides.

The hammer end of the spring projects into the path of a fixed stop 7 on the window casing; this stop being arranged proximate to the spring and slightly above the latter when the window is closed. The spring is pivoted at one end, as shown at 9, so that it could be swung in or out beneath the stop, to permit the window to be opened at any time without exploding the cap or snapping the spring.

In operation, the casting being suitably attached to the window, and the stop 7 being suitably fixed on the casing, and the

window closed, the device is loaded by simply pulling down on the spring or moving it outward so as to let the cap be inserted in the guides 6, and the spring is turned back to bring the hammer underneath the anvil, and with the end of the spring underneath the stop 7. If the window should be opened, the stop will intercept the spring enough to bend the spring until its end can ride over the stop, whereupon the hammer will impinge upon the cap and against the anvil, effecting an explosion or detonation which will have the effect on the intruder of being fired at.

Having thus described my invention, what I claim and desire to secure by Letters Patent is—

An improved burglar alarm comprising two co-acting members, one of said members adapted to be fitted to a window or like part, said member having one end enlarged and offset and provided with an internal chamber beneath its upper portion and the lower wall of said chamber being slotted and said slot being of less width than the width of the chamber to provide spaced guides adapted to support the flange of a percussion-cap; the other member of said device consisting of a part formed of spring metal having one end pivoted to the first-named member so that the second member may swing in a plane transverse to the first member, said second member having a hammer on its free portion adapted to be moved into and out of register with the chamber of the other member and to operate through the slot in the bottom of said chamber, and explode the cap supported upon said guides; and a fixed stop on the window casing to engage said spring member to hold the hammer out of engagement with the cap, and to release said member to allow the hammer to explode the cap when the window or like part is moved relatively to the part carrying the stop.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CHARLES C. RANLETT.

Witnesses:

F. B. HOUGH,
L. HARDER.