

J. B. UNDERWOOD.

COMBINED SASH-FASTENER AND BURGLAR-ALARM.

No. 179,629.

Patented July 4, 1876.

Fig 1

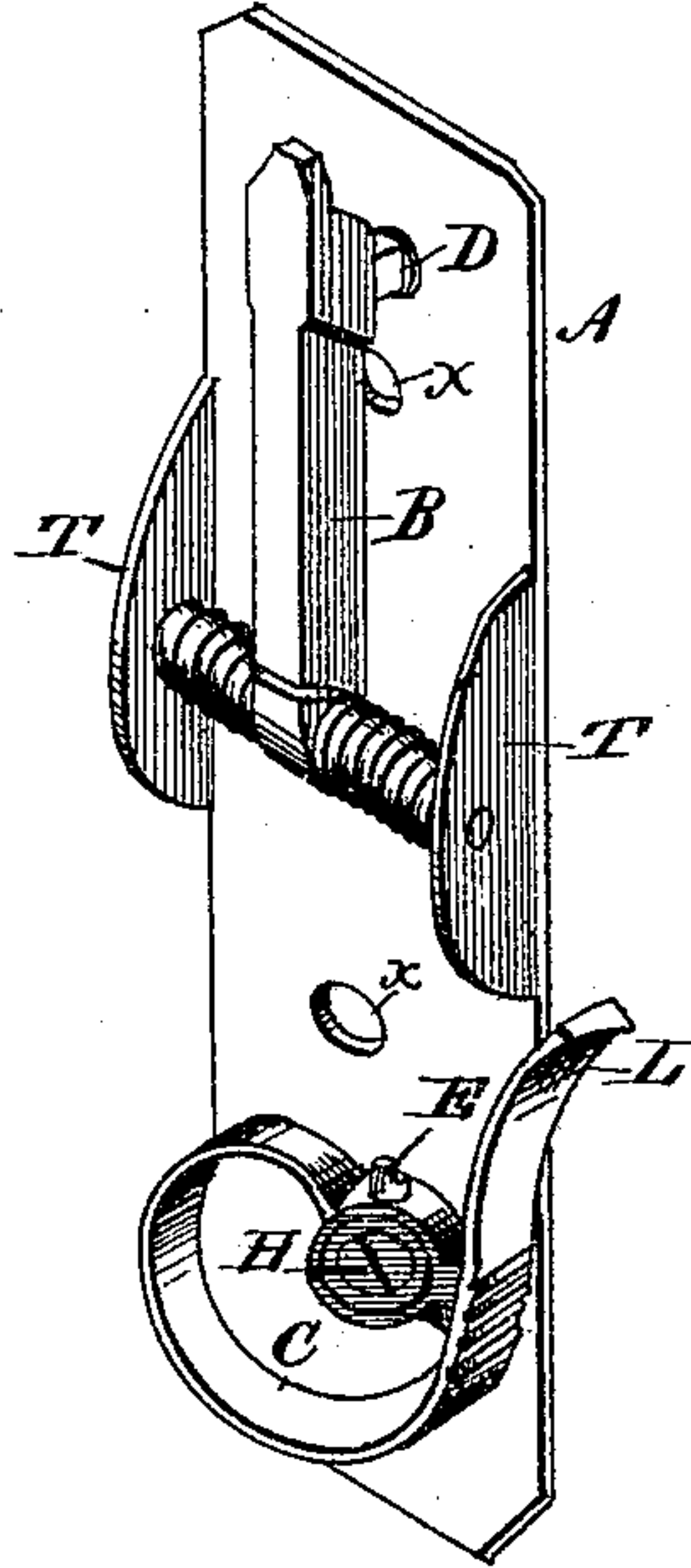


Fig 2

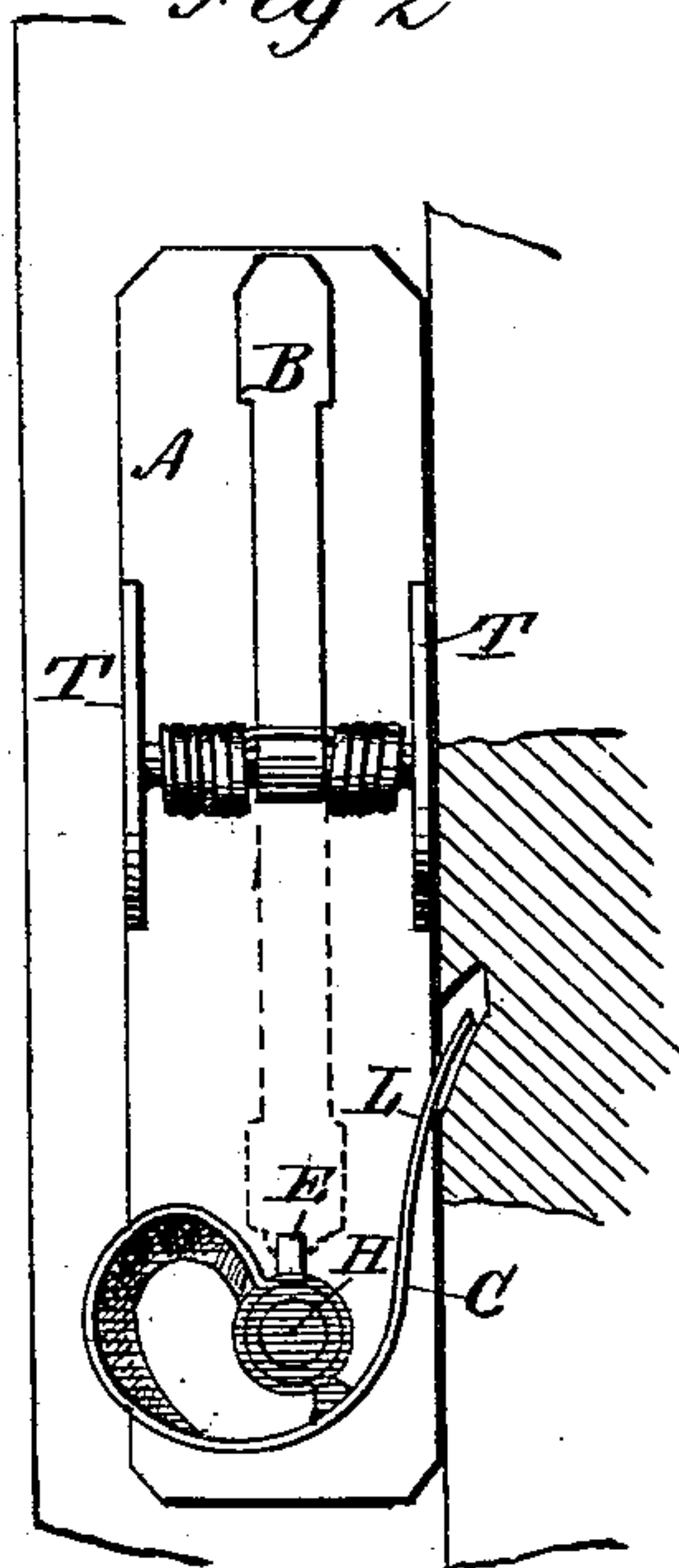
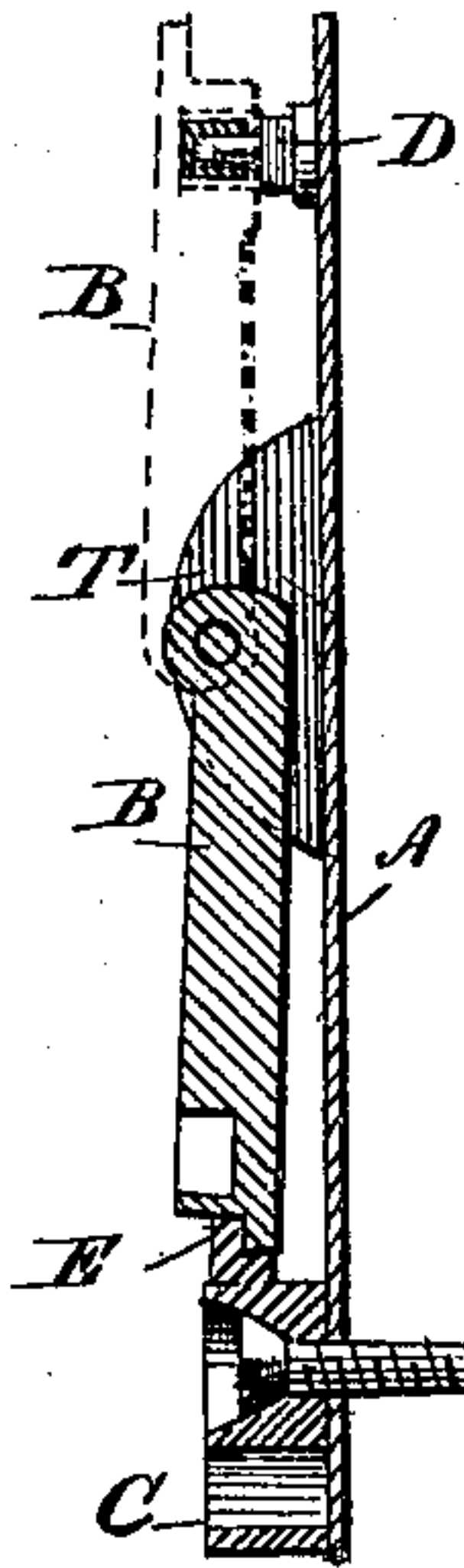


Fig 3



Witnesses;

Harry C. Clark
M. B. Stallings.

Inventor.

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UNITED STATES PATENT OFFICE.

JOSEPH B. UNDERWOOD, OF FAYETTEVILLE, NORTH CAROLINA, ASSIGNOR
OF ONE-HALF HIS RIGHT TO WILLIAM A. WHITEHEAD, OF SAME PLACE.

IMPROVEMENT IN COMBINED SASH-FASTENERS AND BURGLAR-ALARMS.

Specification forming part of Letters Patent No. **179,629**, dated July 4, 1876; application filed
May 19, 1876.

To all whom it may concern:

Be it known that I, JOSEPH B. UNDERWOOD, of Fayetteville, in the county of Cumberland and State of North Carolina, have invented certain new and useful Improvements in Combined Sash-Fastener and Burglar-Alarm; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which forms part of this specification.

My invention has for its object the combination of a sash-fastener with a spring-hammer in such a manner that the fastener may be used to hold the sash up at any desired elevation, and to lock the same securely when down, so that it cannot be raised from the outside, and to further answer for the purpose of a lock and trigger to hold and release the hammer when set, as hereinafter described, to produce an alarm, reference being had to the annexed drawing, which forms a part of this specification.

In the drawing, A is a plate, made of iron or any other suitable material, provided with flanges T T, turned up on each side, and provided with holes, which receive the pinions or axes of the hammer B, said pinions projecting on each side of the hammer a sufficient distance to form an arbor for a spiral spring, the spring being formed on the same by passing a wire over the hammer B, and then coiled around each end of the arbor, terminating and being fastened to the frame-piece A, so as to press the hammer B firmly on the tube or nipple at D. On the lower end of the frame A is pinned an eccentric window-fastener, C, as seen at H, on which pin it is turned to perform its various offices, said fastener being provided with a lever, L, and a catch or pin, E. Being thus constructed, it is attached, by

means of screws or otherwise, through the holes X X, to the window-sash parallel to the molding or strip that holds the sash on the inside of the room, with the end having the fastener C attached to it downward. Having thus attached the device to the window-sash, a notch or catch is made in the molding opposite the lever L, while the sash is down, and into which it would catch and hold the window-sash down when the fastener is in the position as seen in the drawing. When it is desired to use the alarm in combination with the lock, the hammer B is drawn over and adjusted into the catch E in the fastener, the lever L still remaining in the notch in the molding. A percussion-cap is then placed on the nipple D. Set in this position, should an attempt be made to raise the sash, the lever L comes in contact with the upper part of the notch or catch, and is caused to move farther into the recess of the notch, releasing at the same time the catch E from the hammer, which causes the explosion of the cap, and producing the alarm, while the window remains firmly locked down. The eccentric fastener, being located, as will be seen, a sufficient distance below, is left free to be used, as ordinarily, for holding the sash up at any desired point. This device may be used for exploding a metallic cartridge, or any other fulminating material, by substituting a suitable receptacle for the same in place of the nipple D.

Having thus described my invention, what I claim is—

The combination of the sash-fastener C with the hammer B, substantially as and for the purpose set forth.

J. B. UNDERWOOD.

Witnesses:

CHAS. GLOVER,
D. M. McDONALD.