

No. 725,332.

PATENTED APR. 14, 1903.

W. FROWE.
TOY CANNON.

APPLICATION FILED JAN. 25, 1902.

NO MODEL.

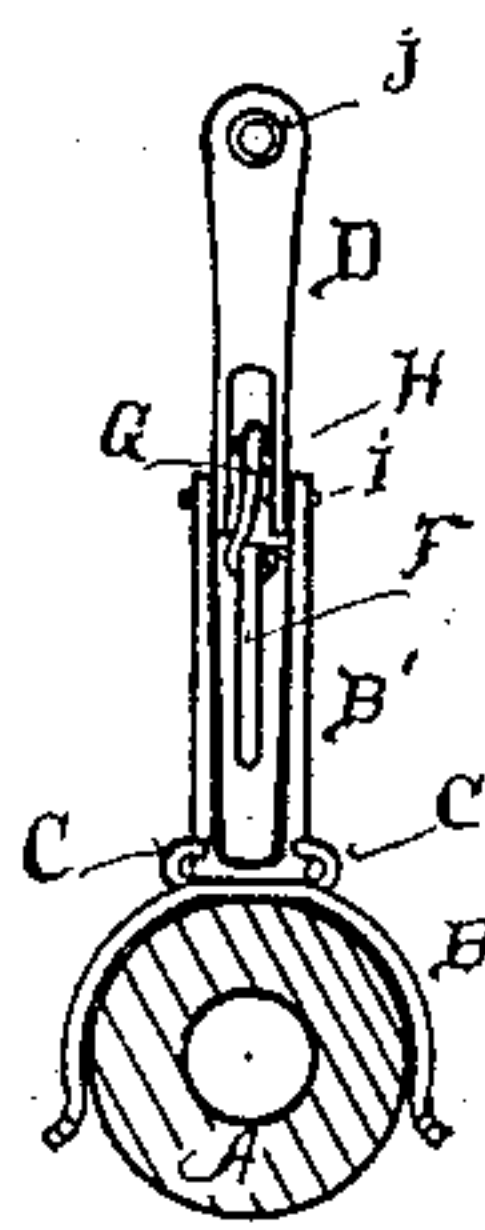


Fig. 2

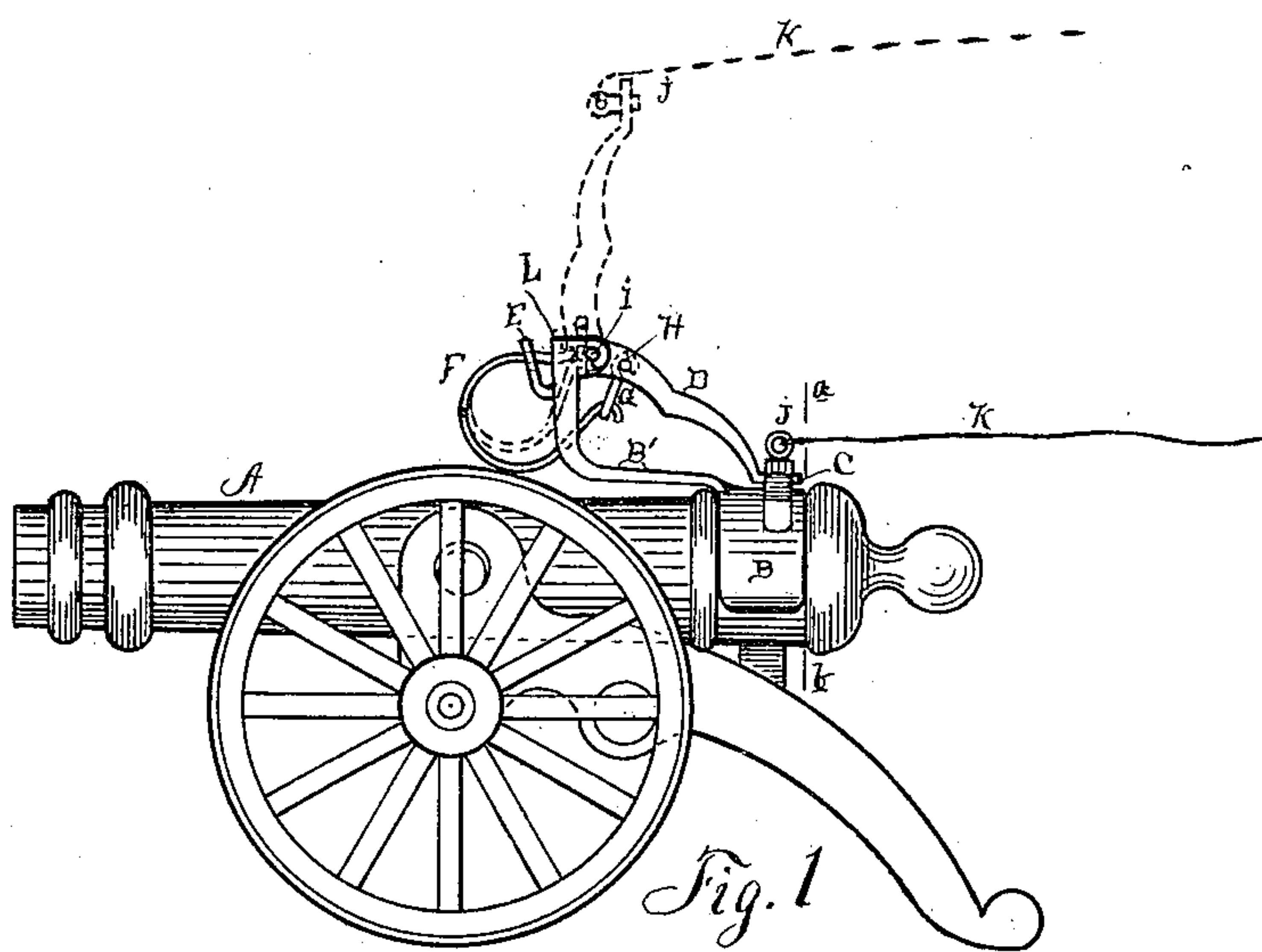


Fig. 1

Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM FROWE, OF LAWRENCE, KANSAS.

TOY CANNON.

SPECIFICATION forming part of Letters Patent No. 725,332, dated April 14, 1903.

Application filed January 25, 1902. Serial No. 91,274. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FROWE, a citizen of the United States, residing at Lawrence, in the county of Douglas, in the State of Kansas, have invented a new and useful Improvement in Toy Cannons, of which the following is a specification.

My invention relates to toy cannons and guns constructed without trigger devices for firing the same; and the object of my invention is to provide a safe means for firing the said toy cannons and guns that shall at once be novel, reliable, and safe. This I attain by the device herein illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation, the dotted lines giving the position of the hammer in its elevated or cocked position; and Fig. 2 is a rear elevation of the same, being taken through the line *a b* of Fig. 1.

Similar letters refer to similar parts throughout the two views.

The letter A indicates the cannon proper, with its wheels and base-support.

The letter B indicates the clasp that holds the hammer as a whole to the breech of the cannon.

C C are two lugs that guard or hold the fulminate cap in place.

B' is the hammer-standard, and D is the hammer proper.

F is the spring, held in position by means of the lug E and the bar L of the standard B'. The loose end of the spring F is attached by a hook to the stirrup G. This stirrup plays on the pin H of the hammer D. The hammer is hinged at I, and at the end of the hammer D is the firing-pin J, to the upper end of which a thread or string K may be attached, as shown. The standard B', with its clasp B and lugs C C and lug E, is or may be formed of one piece. The hammer proper, as shown, hinged at I, is also formed of one piece, the firing-pin J, stirrup G, and spring F being added thereto. In use the hammer D is thrown upward in the position of the dotted lines and the fulminate or other cap placed in position within the lugs C. The stirrup and spring of the said hammer D occupy the position as shown by the dotted

lines in Fig. 1, it being seen that the pivotal point H, to which the stirrup G is loosely attached, is thrown beyond the center of gravity of the point I, so that the hammer becomes set, requiring force through the string or thread K to throw it over the center, that it may, through the action of the spring, sharply strike the cap of fulminate or other material and by this means cause the explosion of the powder in the cannon.

As will be seen and understood, the person firing the cannon by means of this device may stand at a considerable distance in the rear thereof and be in entire safety from the danger of explosion.

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

1. The combination with the cannon-body, of a clasp mounted thereon, oppositely-arranged lugs formed integral with the said clasp, a standard carried by the said clasp, and a spring-actuated hammer pivotally mounted in the said standard, substantially as described.

2. In a toy cannon, the combination with the cannon-body, of a clasp mounted thereon and provided with cap-holding means, a standard carried by the clasp, a hammer pivoted in the upper end of said standard, and means for forcing the said hammer downwardly.

3. A device of the type set forth comprising a clasp, a pair of oppositely-arranged lugs secured to the upper face of the said clasp, a hammer pivoted on the said standard, a firing-pin carried by the hammer, a spring carried by the standard and secured at one of its ends to the said hammer, means for holding the said hammer in an elevated position, and means for releasing the said hammer whereby it will be forced downwardly by the said spring, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM FROWE.

Witnesses:

FRED. A. CLARKE,
H. S. CLARKE.