

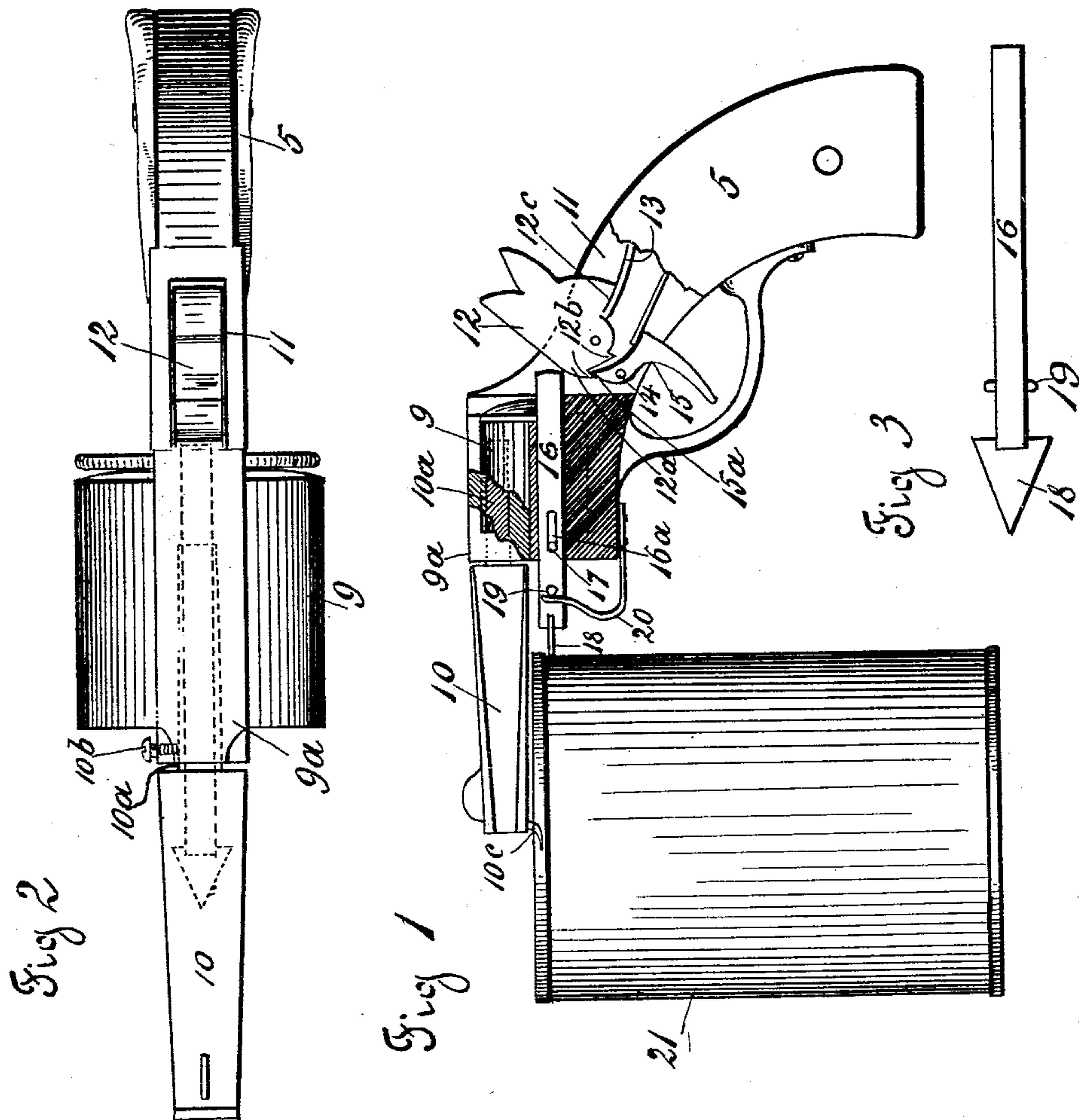
No. 684,212.

Patented Oct. 8, 1901.

E. B. FISK.  
CAN OPENER.

(Application filed Apr. 10, 1901.)

(No Model.)



WITNESSES  
L. R. Bayer.  
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# UNITED STATES PATENT OFFICE.

EUGENE BEAUREGARD FISK, OF WEST NASHVILLE, TENNESSEE, ASSIGNOR  
OF ONE-HALF TO WILLIAM B. PICKARD, OF SAME PLACE.

## CAN-OPENER.

SPECIFICATION forming part of Letters Patent No. 684,212, dated October 8, 1901.

Application filed April 10, 1901, Serial No. 55,177. (No model.)

*To all whom it may concern:*

Be it known that I, EUGENE BEAUREGARD FISK, a citizen of the United States, residing at West Nashville, in the county of Davidson and State of Tennessee, have invented certain new and useful Improvements in Can-Openers, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to can-openers; and the object thereof is to provide an improved device of this class made in the form of a pistol and which is simple in construction and operation and by means of which a can may be quickly and easily opened.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by the same reference characters in each of the views, and in which—

Figure 1 is a sectional side view of my improved can-opener; Fig. 2, a plan view thereof, and Fig. 3 a plan view of a detail thereof.

In the practice of my invention I provide a can-opener which is made in the form of a pistol and provided with the usual handle 5, cylinder 9, and barrel 10, and that portion of the handle 5 adjacent to the cylinder 9 is provided with a longitudinal chamber 11, in which is pivoted a hammer 12, said hammer being provided with a can-shaped head 12<sup>a</sup>, in the bottom portions of which are ratchet-teeth 12<sup>b</sup>, two of which are shown, but any desired number of which may be employed. The head of the hammer 12 is also provided with a backwardly-directed lug or projection 12<sup>c</sup>, on which bears a loop-shaped spring 13, secured in the handle 5 and adapted to throw the hammer forwardly, and pivoted directly beneath the head of the hammer at 14 is a trigger 15, provided with an upwardly and forwardly directed head 15<sup>a</sup>, which operates in connection with the ratchet-teeth 12<sup>b</sup>.

Mounted in the cylinder 9, below the barrel 10 and longitudinally thereof and movable longitudinally therein, is a bar 16, which projects backwardly into the chamber 11 and is adapted to be operated by the hammer 12, and said bar is provided with a longitudinal slot

16<sup>a</sup>, through which passes a pin 17, which limits the movement of said bar.

The barrel 10 is provided with a shank 10<sup>a</sup>, which passes loosely into the top portion of the cylinder 9, said top portion of the cylinder 9 being raised, as shown at 9<sup>a</sup>, and passing through one side of the front end of said top portion of the cylinder 9 is a set-screw 10<sup>b</sup>, adapted to bear on the shank 10<sup>a</sup> of the barrel 10, whereby the said barrel may be longitudinally adjusted, and said barrel 10<sup>a</sup> is provided at the front end with a downwardly and forwardly directed prong 10<sup>c</sup>, which is adapted to be inserted into the head of a can.

The bar 16 is provided at its front end with a pointed blade 18, which is preferably triangular in shape, and said bar is also provided rearwardly of said blade with a pin 19, against which bears a spring 20, secured to the bottom of the cylinder 9 and which in practice operates to force the bar 16 backwardly.

In operating my improved can-opener the hammer 12 is drawn back to its rearmost position and the head of the trigger 15 engages with the rearmost ratchet-tooth 12<sup>b</sup>, and the prong 10<sup>c</sup> at the end of the barrel is inserted downwardly through the center of the head of a can, one of which is shown at 21, and the pistol is turned downwardly, and said prong 10<sup>c</sup> is used as a pivot, whereby the pistol may be turned around the can, which is held in a stationary position. In this position of the parts the blade 18 is held closely adjacent to the side of the can and the trigger 15 is pulled and the head thereof is disconnected from the ratchet-tooth 12<sup>b</sup> and the hammer is thrown forward by the spring 13, one end of which also bears on the trigger 15, and the blade 18 is driven through the side of the can. The bar 16 is moved backwardly by the spring 20 and the operation of the hammer 12 is repeated as often as desired, and the pistol is swung around the can on the pivot 10<sup>c</sup>, and the top of the can may thus be quickly and easily cut off.

Although as shown and described my improved can-opener is made in the form of a pistol, it will be seen that the device consists of a central member or cylinder provided at



one end with a handle and at the opposite end with a supplemental member which projects in line with the cylinder and handle and is provided at its outer end with a downwardly and outwardly directed securing-prong, a reciprocating cutter-bar mounted in the central head or cylinder and provided at its outer end with the blade, a spring-actuated hammer mounted in the handle for operating the cutter-bar or for projecting the same forwardly or outwardly, and a trigger operating in connection with said hammer, and it will also be apparent that my invention is not limited to the exact form and construction of the parts herein shown and described, and I reserve the right to make all such alterations therein as fully come within the scope of my invention.

This device is simple in construction and operation and comparatively inexpensive and is well adapted to accomplish the result for which it is intended, and changes in and modifications of the construction described may be made without departing from the spirit of my invention or sacrificing its advantages.

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

1. A can-opener, comprising a central member or cylinder provided at one end with a handle and at the opposite end with a supplemental projecting member, the outward end

of which is provided with a downwardly and outwardly directed prong, a reciprocating cutter-bar mounted in the central member or cylinder and projecting therefrom in line with the supplemental member and provided at its outer end with a cutter-blade, a spring-actuated hammer mounted in the handle and adapted to operate the cutter-bar and a trigger, substantially as shown and described.

2. A can-opener, comprising a central cylinder or member, provided at one end with a handle and at the opposite end with a longitudinal adjustable supplemental member which projects in line with the central cylinder or member and with the handle, a longitudinally-movable spring-operated cutter-bar mounted in the central cylinder or member projecting therefrom in line with the supplemental member and provided at its outer end with a cutter-blade, a spring-operated hammer mounted in the handle and operating in connection with said cutter-bar, and a trigger operating in connection with said hammer, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 4th day of April, 1901.

EUGENE BEAUREGARD FISK.

Witnesses:

RICHARD FIGUE,  
JOHN E. BAMLES.