

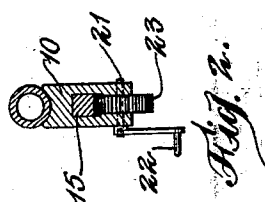
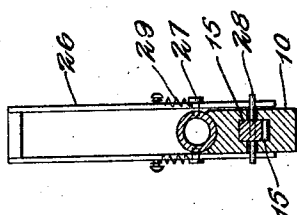
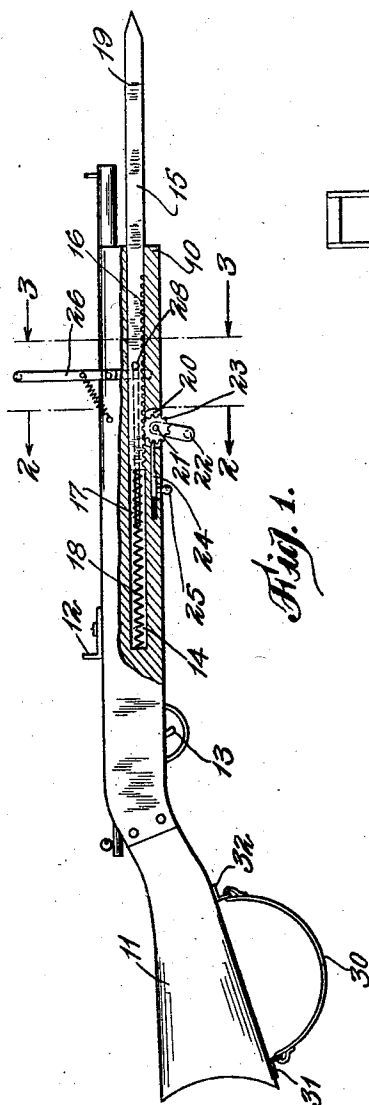
Sept. 15, 1925.

1,553,985

L. CIESNIERSKI

COMBINED GUN AND BAYONET

Filed April 28, 1925



Inventor
Lion Ciesniewski.

UNITED STATES PATENT OFFICE.

LIEON CIESNIERSKI, OF WINDSOR LOCKS, CONNECTICUT.

COMBINED GUN AND BAYONET.

Application filed April 28, 1925. Serial No. 26,427.

To all whom it may concern:

Be it known that I, LIEON CIESNIERSKI, a citizen of Poland, and resident of Windsor Locks, in the county of Hartford and State of Connecticut, have invented certain new and useful Combined Guns and Bayonets, of which the following is a specification.

This invention relates to improvements in combined gun and bayonet, and it is the principal object of the invention to combine a bayonet in such a manner with the gun that it may readily be projected in front of the gun barrel or held hidden therein when not in use.

Another object of the invention is the provision of a combination gun and bayonet having means for firmly holding the bayonet in its projected position.

A further object of the invention is the provision of a combined gun and bayonet equipped with means for using the gun as a sabre with the bayonet held in its projected position.

A still further object of the invention is the provision of a gun and bayonet provided with deflecting means for the bayonet of an adversary during a bayonet skirmish, or fencing.

These and other objects and advantages of the invention will become more fully known as the description thereof proceeds, and will then be specifically pointed out in the appended claims.

In the accompanying drawing, forming a material part of this disclosure:

Fig. 1 is a sectional side elevation of a combined gun and bayonet, constructed according to my invention.

Fig. 2 is a cross-section on line 2—2 of Figure 1.

Fig. 3 is a cross-section on line 3—3 of Figure 1.

A gun of any well known make and construction has the customary fore-stock 10, stock 11, sight 12 and trigger mechanism 13. The fore-stock has made therein a longitudinal chamber 14 open at the front, in which is slidably guided a bayonet 15 of any well known type provided at the lower edge of its rear or inner part with a rack 16.

At its inner end the bayonet has a pin 17, and a spring 18 within chamber 14 is secured at one end to the end wall of this chamber while its other end is wound about said pin 17, and the spring has the tendency to normally project the bayonet from the barrel, so that its sharpened and pointed end 19 may be used.

In a recess 20 of the gun fore-stock a transverse pin 21 is mounted projecting therefrom and carrying a crank 22, while the pin carries within the recess 20 a gear 23 in engagement with the teeth of the rack 16.

A pin-pawl 24 slides within a longitudinal bore of the gun fore-stock and has attached thereto a handle 25 extending from the gun barrel, while a spring behind the end of pin 24 rests against the end wall of the bore and tends to normally hold the pin in engagement with the teeth of gear 23; this engagement can also be made permanent by rotating the pin by means of the handle 25 which is swung to engage the fore-stock wall thus positively locking the pin in its gear engaging position.

A deflector frame 26 is pivotally secured by means of the pins 27 to the barrel and engages with its lower end a pin 28 on the bayonet, while a spring 29 attached at one end to the gun barrel and at its opposite end to the frame holds the lower end of the frame in engagement with the pin 28 and the upper end in the position shown in Figure 1 in order to deflect or parry the bayonet of an adversary.

In operation, the bayonet is projected in front of the gun by the proper manipulation of crank 22 and is locked in this position by the proper operation of handle 25 and pin-pawl 24. At the same time the deflecting frame will assume its elevated position shown in Figures 1 and 3 with its lower end held in engagement with pin 28 under the action of springs 29.

If the weapon is to be used in the manner of a sabre the handle 30 is used as a hilt as it is attached at its ends to suitable brackets 31 and 32 of the stock 11. It will be understood that while I have shown and described one form of my invention as an example, the same may be subjected to many changes within the scope of the appended claims without departing from the principles involved.

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

1. Combined gun and bayonet comprising a rack on said bayonet, a gear in mesh with said rack, means for operating said gear to

advance or project from and to draw said bayonet into the gun fore-stock, a locking pawl engaging said gear for holding said bayonet in its projected operating position, and a frame for deflecting an enemy's bayonet adapted to be manipulated during the movements of said bayonet and locked in its elevated position.

2. Combined gun and bayonet comprising a spring controlled bayonet blade in the gun fore-stock, a spring normally pressing said bayonet from said fore-stock, means to gradually project said bayonet and allowing a guiding of the same back into said fore-stock, a pawl for locking the parts in the projected position of the bayonet, a handle for operating said pawl, and a deflector frame pivotally attached to the gun barrel and adapted to be raised upon the projecting of said bayonet and to be lowered when the same is withdrawn within the gun fore-stock, and a means for allowing the use of the whole as a sabre.

3. In a gun having a chambered fore-stock, a bayonet slidably guided within the chamber of said fore-stock, a rack formed with said bayonet, a gear engaging said rack, a handle for operating said gear to project said bayonet from said fore-stock and to guide the bayonet back into the same, a spring controlled locking pawl having an operating handle for locking the

parts in their adjusted positions, and a spring controlled deflector frame pivotally secured intermediate its ends to the gun barrel, and means for holding said deflector frame in its operative position upon the projection of said bayonet, and a means for allowing the use of the whole as a sabre.

4. A gun including a chambered barrel, a bayonet slidably guided within the chamber of said fore-stock having an end pin, a spring wound about said pin within said chamber, a rack formed with the lower edge of said bayonet, a transverse pin in said barrel, a gear on said pin in mesh with said rack, a handle for operating said gear to project the bayonet from the chamber of said fore-stock and to return it therein, a spring-controlled locking pawl having an operating handle, adapted to lock said bayonet in its projected position, and a deflector frame adapted to be erected into its operative position upon the projection of said bayonet and to be folded against the barrel upon the return of the bayonet into said barrel, and a handle secured to the gun shaft for allowing a handling of the weapon in the manner of a sabre.

Signed at Windsor Locks, in the county of Hartford and State of Connecticut, this 23d day of April, A. D. 1925.

LIEON CIESNIERSKI.