G. KOMADINA.

WEAPON.

APPLICATION FILED AUG. 24, 1916.

1,209,169. Patented Dec. 19, 1916.

Fig. 4.

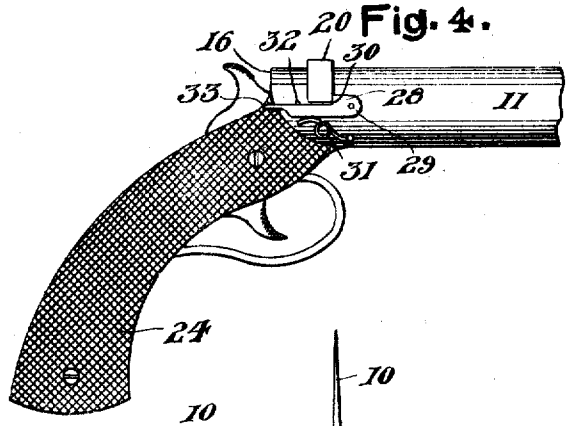


Fig. 1.

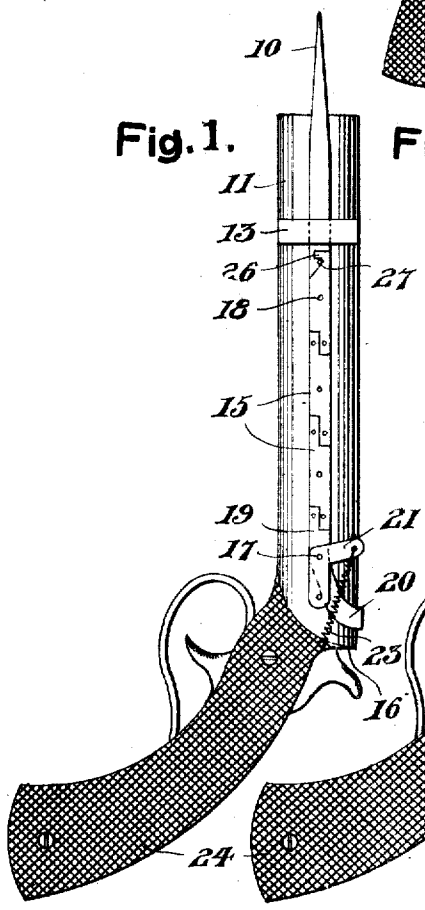


Fig. 2.

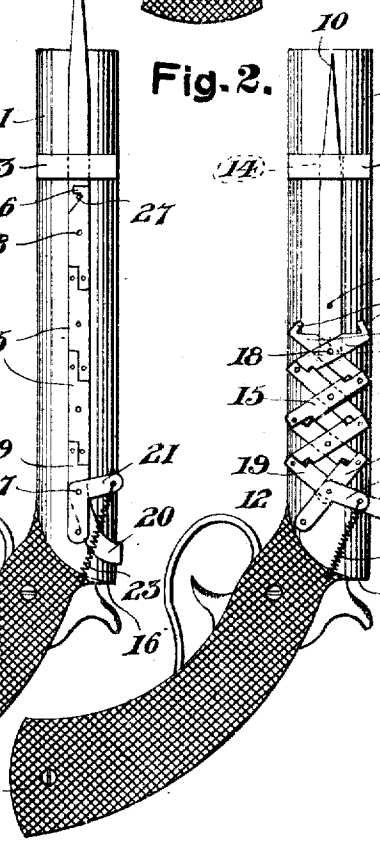
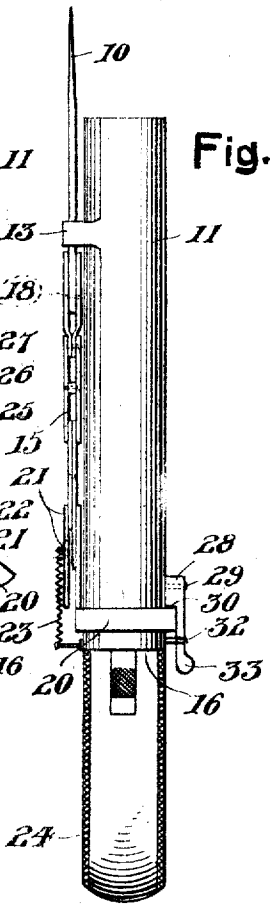


Fig. 3.



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UNITED STATES PATENT OFFICE.

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WEAPON.

1,209,169. Specification of Letters Patent. Patented Dec. 19, 1916.

Application filed August 24, 1916. Serial No. 116,606.

To all whom it may concern:

Be it known that I, GEORGE KOMADINA, a subject of the Emperor of Austria-Hungary, residing at Dawson, in the county of Colfax and State of New Mexico, have invented certain new and useful Improvements in Weapons, of which the following is a specification.

This invention relates to new and useful improvements in weapons.

The primary object of the invention is the provision of a weapon having a projectable bayonet shiftably arranged longitudinally thereof readily operable by the hand of the operator.

A further object of the device is the arrangement of a shiftable bayonet upon the weapon readily projectable to its operative position whereby the weapon may be employed as a knife or dagger, the said bayonet being automatically retractable when released.

With these general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings and then claimed.

In the drawings forming a part of this application and in which like designating characters refer to corresponding parts throughout the several views: Figure 1 is a side elevation of a pistol provided with the present device, the latter being illustrated in its projected operative position. Fig. 2 is a similar view thereof with the bayonet retracted. Fig. 3 is a top plan view of the same arranged as illustrated in Fig. 1, and Fig. 4 is a side elevation of a portion of the opposite side of the device from that shown in Fig. 1.

The present device broadly consists of the employment of a pointed cutting member or bayonet 10 shiftably arranged upon the barrel 11 of a pistol 12 by means of a bracket 13 having a perforation 14 through which the bayonet slidably extends. An actuating means for the said bayonet 10 consists in the lazy tongs 15 anchored to the barrel 11 adjacent the rear end 16 thereof by means of a pin 17 while the forward end of the lazy tongs is pivotally attached to the rear end of the bayonet 10 by the pin 18.

One of the rear links 19 of the lazy tongs is extended into an operating lever 20 arcuate in form normally held away from the barrel 11 with the lazy tongs in operative position by means of an arm 21 carried by the other rear link 22 of the lazy tongs, it being understood that a spring 23 resiliently connects the free end of the arm 21 with the grip portion or stock 24 of the pistol. The rear end of the bayonet 10 is pivoted between the forward links 25 of the lazy tongs, which links have hooked ends 26 adapted for fitting over the opposite projecting ends of a pin 27 transversely carried by the bayonet 10. The bayonet 10 is normally arranged in its retracted inoperative position as illustrated in Fig. 2 of the drawings by means of the spring 23, the same being readily projected to the position illustrated in Figs. 1 and 3 by forcing the lever 20 downwardly in flat partially encircling engagement with the adjacent side of the barrel 11 and in which position the lazy tongs will be outstretched and operatively maintained in that position by means of the aforesaid engaging hooks 26 and a latch 28. The said latch 28 is pivoted to the barrel 11 at a point 29 on the opposite side thereof from the lazy tongs and has a hook 30 for engaging over the free end of the lever 20 and locking the latter when the lazy tongs are open.

An expansion spring 31 normally holds the latch 28 elevated against a stop pin 32 and in a position for engagement with the lever 20. When the device is so arranged with the bayonet projected, the free end 33 of the latch 28 may be depressed against the action of the spring 31 for releasing the lever 20 whereupon the spring 23 will retract the lazy tongs to bring the bayonet 11 to its inward normal inoperative position. A ready bayonet means is thus provided for a weapon, the same being easily projected and automatically retracted when desired being released by the operator.

What I claim as new is:—

1. A bayonet attachment for firearms comprising a bayonet longitudinally arranged adjacent the barrel thereof, a lazy tongs operatively connected between the said barrel and bayonet, an operating lever adapted for unfolding said lazy tongs, a retaining latch for the said lever when the bayonet is operatively positioned and automatic retracting means for the said lazy tongs upon the release of the said latch.

2. A device of the class described comprising in combination, with a pistol having a

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barrel and a stock, a bracket laterally projecting from the barrel, a bayonet slidably arranged through the bracket longitudinally of the barrel extending forwardly of the latter when projected, a pin transversely carried by the bayonet projecting upon opposite sides thereof, a lazy tongs operating means pivotally anchored at its inner end adjacent the inner end of the barrel, the opposite ends of the lazy tongs being pivotally attached to the inner end of the bayonet with the adjacent links in hooked arrangement adapted for retaining positioning over the ends of the said pin when the bayonet is projected, an opening lever for the said lazy tongs, and automatic closing means for the latter.

3. A device of the class described comprising a combination with a pistol having a barrel and a stock, a bracket laterally projecting from the barrel, a bayonet slidably arranged through the bracket longitudinally of the barrel, extending forwardly of the latter when projected, a pin transversely carried by the bayonet projecting upon opposite sides thereof, a lazy tongs operating means pivotally anchored at its inner end adjacent the inner end of the barrel, the opposite ends of the lazy tongs being pivotally attached to the inner end of the bayonet with the adjacent links in hooked arrangement adapted for retaining positioning over the ends of the said pin when the bayonet is projected, an opening lever and a closing arm carried by the rear links of the said lazy tongs, a compression spring between the free end of the said arm and the said stock, the said lever being arcuate in form overlying the said barrel and arranged in contact therewith when the lazy tongs is in its open position with the bayonet projected, and a spring pressed releasable locking latch for the said lever pivotally carried by the said barrel at the opposite side thereof from the said lazy tongs.

In testimony whereof I affix my signature.

GEORGE KOMADINA.