

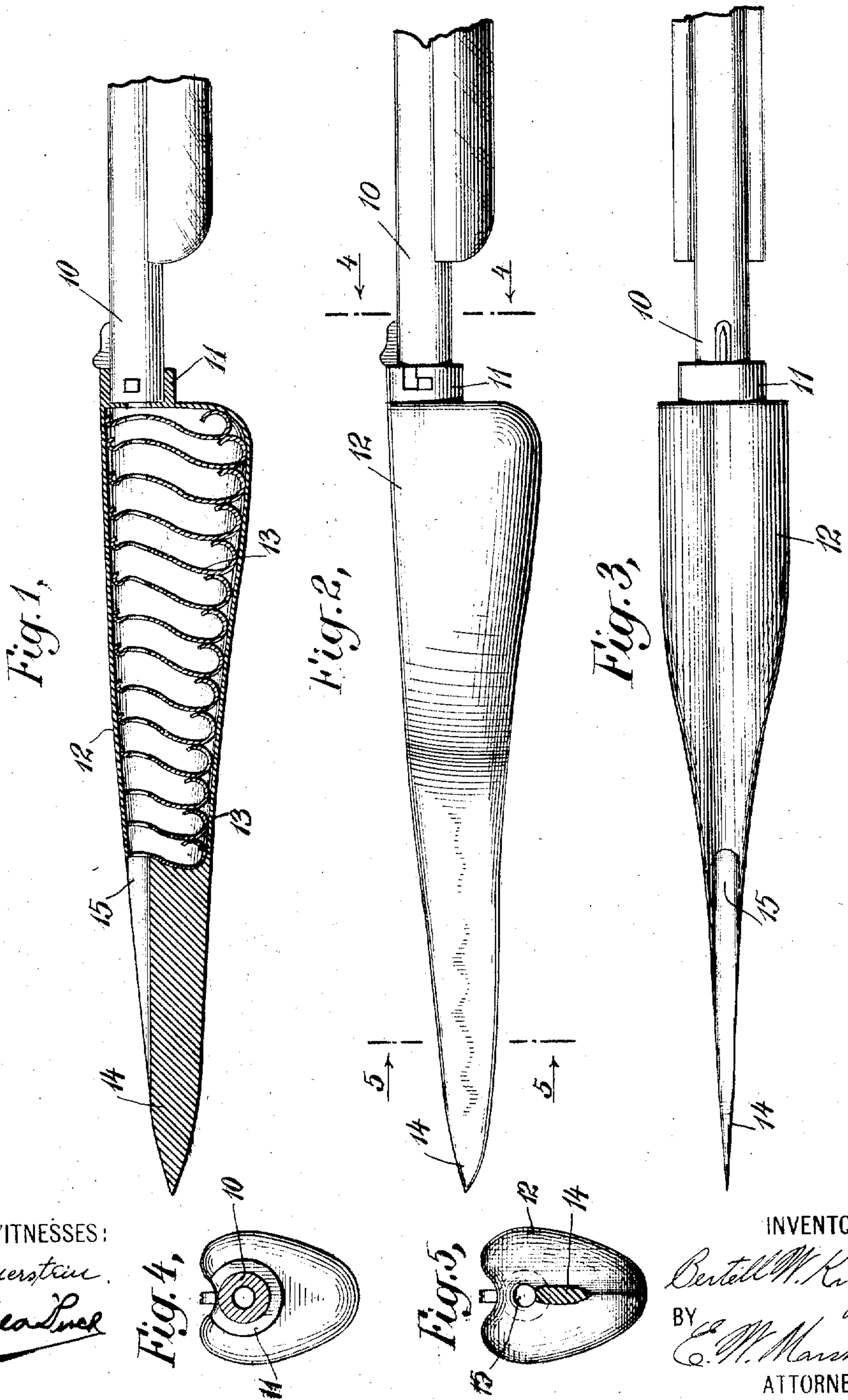
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COMBINED SILENCER AND BAYONET.

APPLICATION FILED JULY 3, 1909. RENEWED SEPT. 20, 1910.

989,158.

Patented Apr. 11, 1911.



WITNESSES:
d. Hauerstein
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Fig. 4,

Fig. 5,

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Specification of Letters Patent.

Patented Apr. 11, 1911.

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To all whom it may concern:

Be it known that I, BERTELL W. KING, a citizen of the United States, and a resident of the city, county, and State of New York, United States of America, have invented certain new and useful Improvements in a Combined Silencer and Bayonet, of which the following is a specification.

My invention relates to a combined silencer and bayonet, and its object is to provide a device which, when applied to a gun, may serve the double purpose of muffling the explosions of the discharge, and being used as a bayonet. To accomplish these results I have invented the attachment which is shown in the accompanying drawings, the construction and arrangement of which I will describe in the following specification, and the novel features of which I will set forth in the appended claims.

Referring to the drawings, Figure 1 is a sectional side elevation of a device made according to my invention, showing it in operative position on the end of a rifle barrel. Figs. 2 and 3 are a side elevation and a plan view, respectively, of the same parts. In Fig. 4 I have shown a sectional end view of the rifle barrel and my improved attachment, the section being taken on the line 4—4 of Fig. 2. Fig. 5 shows the device in an end section, taken on the line 5—5 of Fig. 2, and looking in the direction of the arrows.

Like characters of reference designate corresponding parts in all of the figures.

10 designates a portion of a rifle or gun barrel upon the end of which my device is to be attached.

11 is a hollow hub forming a part of my improved attachment and arranged to be fitted over and secured to the end of the rifle barrel by means of any desired arrangement.

12 is the body of the attachment, one portion of which is constructed to form a hollow chamber within which are a plurality of deflecting plates 13 of such form, construction and arrangement as to cause the gases emitted from the barrel after an explosion has taken place therein to be deflected laterally away from the path longitudinally through the attachment afforded by the orifice 15, and to be guided by the surfaces of said plates into whirls, whereby the said gases gradually lose their velocity and are distributed over a large area for the purpose of minimizing the report of

such explosion. The outer end of this body is drawn down into the form of a pointed blade 14.

15 designates a longitudinal orifice through the outer surface of the attachment and in alinement with the barrel of the gun or rifle to which it is affixed. Each of the deflectors is also provided with a hole, preferably circular in form, and in alinement with the barrel and with each other.

The uses and operation of this device are obvious. Mufflers for reducing the report of the discharge of guns are now in common use. Such a device has hitherto been an additional element or piece of an equipment which, in many cases, is a serious disadvantage. But in such cases as those in which guns or rifles are provided with bayonets, my invention may be used in place of the old-style bayonets and thus gain the immense benefit of the silencer without adding weight or increasing the equipment. The advantage of this in the equipment of an army is apparent. Hunters or sportsmen who desire to provide themselves with gun silencers may, by the use of my invention, at the same time obtain most effective weapons for self-defense.

What I claim is:—

1. A gun attachment comprising a body provided with a muffling chamber, said body having a solid dagger-like point and arranged to have a portion in alinement with a gun barrel, said chamber being in communication with the interior of the gun barrel and arranged to silence the report of the gun.

2. A gun attachment comprising a body having a solid dagger-like point, said body being constructed to form a hollow chamber provided with whirl forming means for the discharge gases from a gun.

3. A gun attachment comprising a body having a solid dagger-like point, said body being constructed to form a hollow chamber, and a plurality of plates within said chamber arranged to deflect the discharge gases from a gun.

4. A gun attachment comprising a body having a solid dagger-like point, parallel with but offset from the axis of the gun barrel, said body being constructed to form a hollow chamber and being provided with a longitudinal orifice in alinement with the gun barrel, and a plurality of plates within said chamber arranged to deflect the dis-

charge gases from a gun, each of said plates being provided with an opening in alinement with said orifice.

5 A gun attachment comprising a body having a solid dagger-like point, means for connecting said body with the barrel of a gun, said body being constructed to form a hollow chamber and being provided with a longitudinal orifice in alinement with the
10 gun barrel and at one side of said point, and a plurality of plates within said cham-

ber arranged to deflect the discharge gases from a gun, each of said plates being provided with an opening in alinement with the gun barrel, and with each other. 15

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

BERTELL W. KING.

Witnesses:

ERNEST W. MARSHALL,
ELLA TUCH.