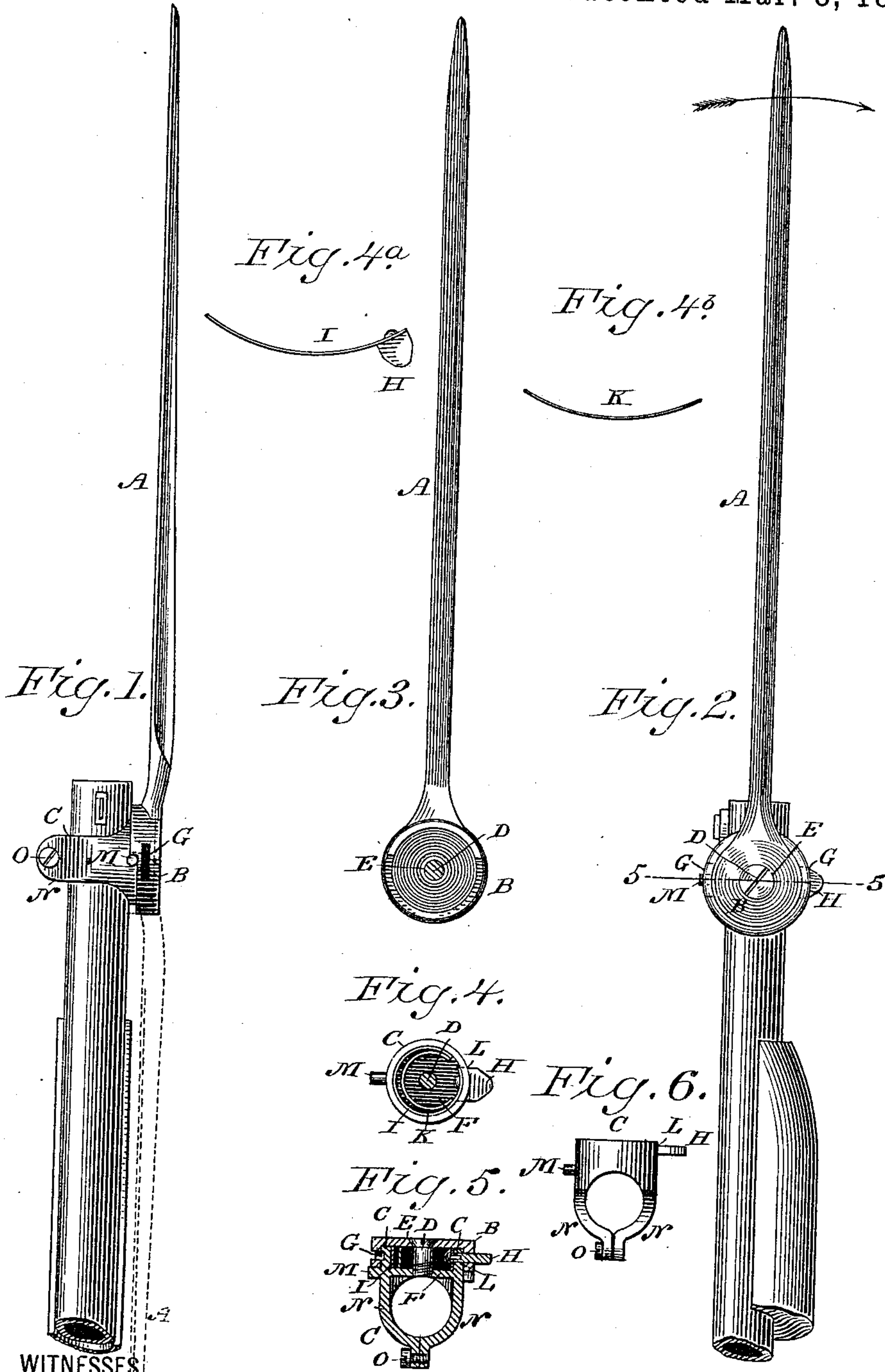


(No Model.)

J. N. W. WILSON.
BAYONET ATTACHMENT.

No. 358,911.

Patented Mar. 8, 1887.



WITNESSES
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JAMES N. W. WILSON, OF UPPER MARLBOROUGH, MARYLAND, ASSIGNOR
OF ONE-HALF TO F. SNOWDEN HILL, OF SAME PLACE.

BAYONET ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 358,911, dated March 8, 1887.

Application filed November 13, 1886. Serial No. 218,814. (No model.)

To all whom it may concern:

Be it known that I, JAMES N. W. WILSON, a citizen of the United States, residing in the town of Upper Marlborough, in Prince George's county, State of Maryland, have invented a new and useful Bayonet Attachment, of which the following is a specification.

My invention relates to improvements in the way bayonets are attached to rifle-barrels; and the objects of my improvements are, first, to attach the bayonet permanently to the barrel, and, secondly, to "fix" and "unfix" said bayonet by an attachment which allows the bayonet to half-revolve and be secured in either position by a spring and catch, the bayonet, when unfixed, being adjusted to the side of the barrel and its point protected by a sheath on the stock of the rifle. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front view of the attachment and bayonet when fixed and unfixed. Fig. 2 is a side view of the attachment and bayonet when fixed. Fig. 3 is the outer circular casing of the attachment with the bayonet connected thereto. Fig. 4 is a top view of the inner circular casing of the attachment as it appears after the removal of the outer circular casing. Fig. 4^a is the main spring and catch shown in Fig. 4. Fig. 4^b is the extra spring intended to strengthen the said main spring, also shown in Fig. 4. Fig. 5 is a sectional view of the whole attachment. Fig. 6 is a side view of the interior of the attachment as it appears after the removal of the outer circular casing.

Similar letters refer to similar parts throughout the several views.

The bayonet A (of any form desired) is pointed at one end and at the other enlarged to make the outer circular casing of the attachment B, as shown in Figs. 3 and 1. It fits over the interior of the attachment C, Figs. 1, 4, 5, 6, and half revolves around it, being fastened to it by a screw, D, Fig. 2, which passes through the center of the outer circular casing, E, Fig. 3, permitting it to revolve, and is fastened with threads in the bottom F of the interior of the attachment, Figs. 4 and 5.

In the outer circular casing, B, Figs. 1, 2, are two apertures, G G, the one opposite to the other, through which passes the lug or

catch H of the main spring I, Figs. 4 and 5, said main spring being strengthened by an extra spring, K, Fig. 4. These springs are within the inner circular casing of the attachment, against the bottom therein, and the lug of the main spring passes through an aperture, L, in said inner circular casing, as shown in Figs. 4, 5, and 6. On said inner circular casing is a stop, M, Figs. 1, 2, 3, 4, 5, and 6, which permits the bayonet to only make half-revolutions. The bayonet and attachment are fastened to the barrel by the arms N N, Figs. 1, 5, and 6, secured by a screw, O, Figs. 1, 5, and 6.

I am aware that prior to my invention bayonets have been attached permanently to the rifle-barrels, and therefore do not claim such permanent attachment, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. A bayonet attachment for a fire-arm, which consists of a body for connection with the barrel, a revolving head thereto, and a bayonet carried by such head.

2. In a bayonet attachment, the combination of the arms N N, secured together at their outer extremity, so as to embrace a gun-barrel, the casing B, which receives and half revolves about the body from which such arms extend, said casing carrying a bayonet, and means for securing the attachment to the gun-barrel, as set forth.

3. In a bayonet attachment, the combination of the arms N N, secured together at their outer end, so as to embrace a gun-barrel, the casing B, which receives and half revolves about the body from which said arms extend, said casing carrying a bayonet, and a stop mechanism intermediate the casing and the clamping-arm N, to limit the axial motion of the bayonet, as set forth.

4. In a bayonet attachment for a fire-arm, a clamping-yoke, N N, combined with a casing, B, which revolves about the inner extremity or body of said clamping-yoke and carries a bayonet, A, a spring-stop carried by the yoke-body, and a detent notch or notches in the casing B, to receive the same and secure the bayonet in a fixed position.

5. In a bayonet attachment for a fire-arm, a clamping-yoke, N N, combined with a casing,

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B, which revolves about the inner extremity
or body of said clamping-yoke and carries a
bayonet, A, a spring-stop carried by the yoke-
body, and a detent notch or notches in the
5 casing B, to receive the same and secure the
bayonet in a fixed position, together with a
stop-pin and a way therefor having at its op-
posite extremities abutments to check said pin,

and thereby assist in holding the bayonet in
place, said pin and way being upon the yoke- 10
body and casing, respectively.

JAMES N. W. WILSON.

Witnesses:

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