

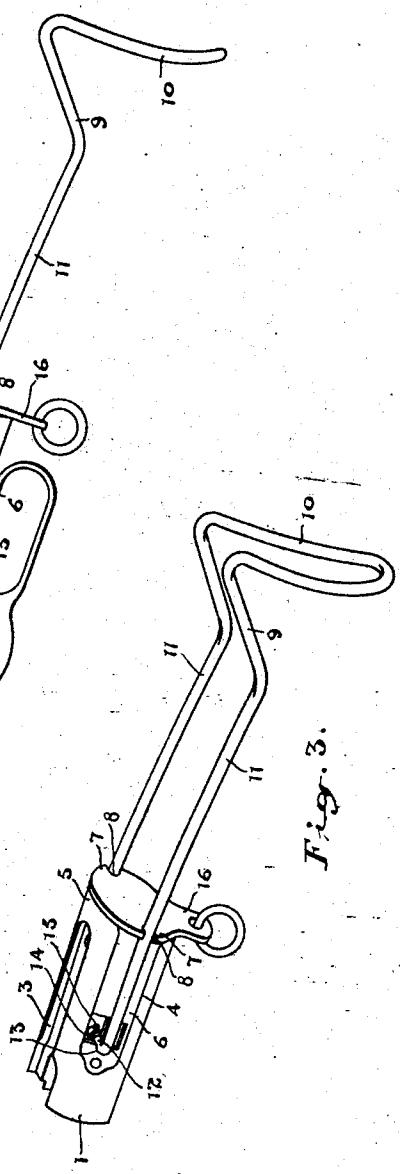
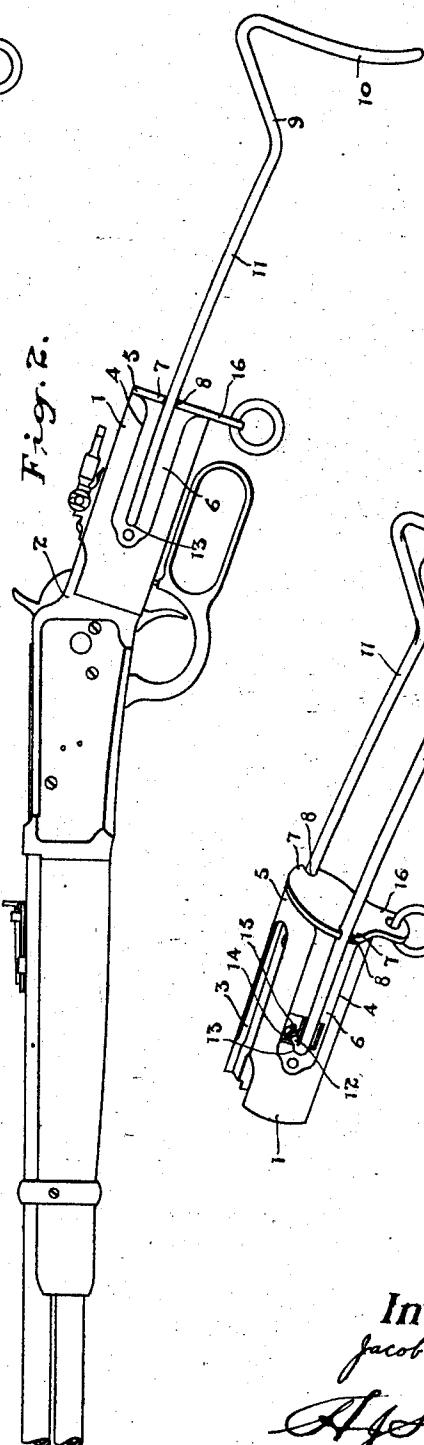
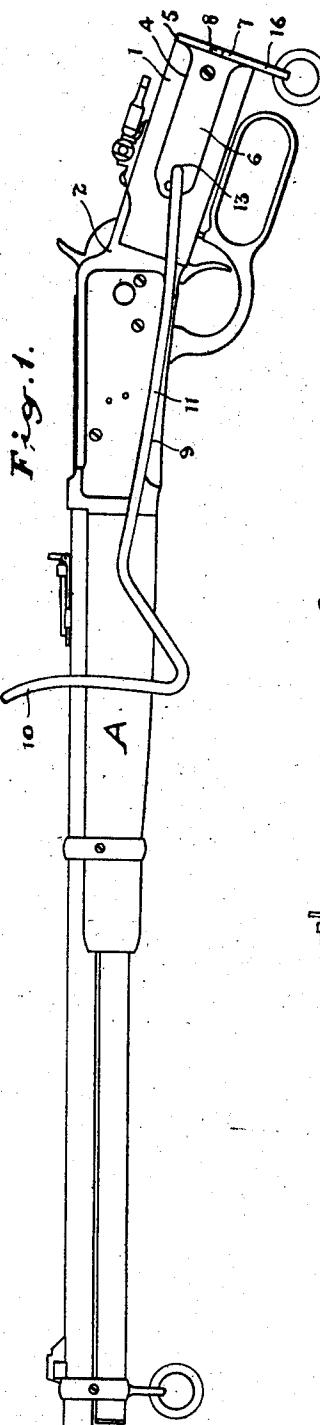
J. A. DAVIDSON.

RIFLE STOCK.

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1,315,215.

Patented Sept. 9, 1919.



Inventor.

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# UNITED STATES PATENT OFFICE.

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## RIFLE-STOCK.

1,315,215.

Specification of Letters Patent.

Patented Sept. 9, 1919.

Application filed April 14, 1919. Serial No. 289,789.

*To all whom it may concern:*

Be it known that I, JACOB ALEXANDER DAVIDSON, a subject of the King of Great Britain, and resident of Elk Lake, in the 5 district of Timiskaming, in the Province of Ontario, in the Dominion of Canada, have invented certain new and useful Improvements in Rifle-Stocks, as described in the following specification and illustrated in the 10 accompanying drawings, that form part of the same.

The principal objects of this invention are, to eliminate the inconveniences usually attendant upon carrying a sporting rifle, 15 particularly in regard to the butt interfering with the free movement of the person in handling other articles or working through the bush.

A further object is to devise a collapsible 20 form of stock which may be quickly substituted for the ordinary stock and will not injure the rifle and which when extended will be extremely rigid and may be very quickly folded or extended to the firing 25 position.

The principal feature of the invention consists in the novel construction and arrangement of a loop member pivotally connected to the stock and adapted to be 30 firmly held in an extended position and to be folded back upon the rifle.

In the drawings, Figure 1 is a side elevational view of a rifle showing my improved folding stock in the folded position.

35 Fig. 2 is a side elevational view showing the stock extended.

Fig. 3 is an enlarged perspective detail of the detachable member adapted to replace the ordinary stock.

40 It is well known to those used to working in the bush that a rifle is a most awkward thing to carry when the person is handicapped with extra loads or in doing any kind of work, even when the rifle is hung 45 on the back, as the butt projects outwardly and in the movement of the body catches upon the brush or in stooping down it sticks out in an ungainly manner and also prevents the wearer from sitting down.

50 It is the principal object of this invention to provide a collapsible stock which will form a strong and rigid butt while shooting but which may be moved out of the way so that the objectionable projecting butt 55 will be eliminated.

To accomplish this result I have devised a structure in which a short stock 1 is shaped to fit the rifle frame 2 having a socket 3 arranged in the top and bottom to be secured by the fastening screws which hold 60 the ordinary stock to the frame. The supplementary stock terminates at a point just beyond the limits of the frame 2 and is provided with longitudinal sockets 4 in the sides, which sockets extend to the rearmost 65 end.

A metal member 5 preferably formed of a casting, though it may be forged, is fitted against the butt end of the stock and the side arm portions 6 fit snugly into the sockets 4. This casting is secured in place upon 70 the supplementary stock by suitable screws.

The butt end of the member 5 is formed with lips 7 projecting laterally beyond the side arms and these lips are formed with 75 notches 8 therein.

The movable stock is formed of a length of rod 9 preferably heavy spring steel wire bent into the form of a loop and having the looped portion bent angularly upward 80 and curved downwardly to form a butt 10 adapted to fit against the shoulder. The portions 11 beyond the bent loop extends parallel to each other and the extremities are bent inwardly at right angles. These 85 right angularly bent ends 12 extend into and are journaled in the holes 13 in the side arms 6 of the member 5.

Each of the ends is provided with a washer 14 and a cotter pin 15 to secure the 90 end in place, though the end may be threaded and a nut secured thereto or any suitable fastening means may be secured to the inner ends to hold the loop member in the member 5.

95 The parallel side arms are adapted to fit snugly into the notches 8 when the stock is extended and being of spring material they may be sprung apart to be released. The looped formation allows the stock, when released from the member 5, to swing over the breech and hand guard portion A of the rifle and to fit snugly against the sides thereof, being entirely out of the way. The stock 100 when extended is rigidly supported as the pivot ends 12 are secured a considerable distance from the notched holding lips 7.

105 It will be seen that the butt may be drawn into position very quickly by simply grasping the point of the loop when in the posi- 110

tion shown in Fig. 1 and swinging it outwardly and the spring sides engaging the member 5 slip over the projecting lips 7, spreading apart thereon until the notches 8 are reached, when the side members spring into said notches and hold the member securely.

5 A lug 16 projects downwardly from the bottom of the member 5 and carries a suitable ring to which may be attached a carrying sling.

10 The whole device may be quickly detached from the rifle and the ordinary wooden stock and butt replaced if desired for ordinary use but when required for bush work the folding stock may be quickly placed in 15 position.

What I claim as my invention is:—

- 20 1. In a rifle stock, the combination with the rifle frame, of a short stock secured to the frame, and a rigid looped extension pivotally secured to said stock and adapted to be swung into a position extending each side of the hand guard.
- 25 2. In a rifle stock, the combination with the rifle frame, of a short stock secured to the frame, an extension formed of a rigid metal loop formed of a single piece and having a butt portion and parallel side portions 30 pivotally secured to the stock and adapted to swing thereon to bring the looped butt portion over the hand guard, and means for

locking the looped member in an extended position.

3. In a rifle stock, the combination with 35 the rifle frame, of a short stock secured in the frame, a metal base secured to said stock and having side arms extending alongside said stock and formed with notched projections at the base of said arms, a spring metal 40 loop-shaped to form a stock extension having a butt the parallel side portions thereof having ends pivotally connected to the forward portion of the side arms of the metal base of the stock, said arms being adapted 45 to spring engage the notches in the projections of said base and adapted to be freed therefrom and swung alongside the rifle.

4. In a rifle stock, the combination with 50 the rifle frame, of a short stock secured in said frame, a metal base secured to said stock and having side arms extending forwardly and formed with pivot holes adjacent to the forward ends, said base having lateral notched projections at the butt end, 55 a loop of heavy spring wire shaped to form a butt and having parallel side portions formed with inturned ends adapted to extend into the pivot holes in the side arms of said base, and means secured to the 60 extremities of the inturned ends of said wire loop for securing the said ends in said arms.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."