

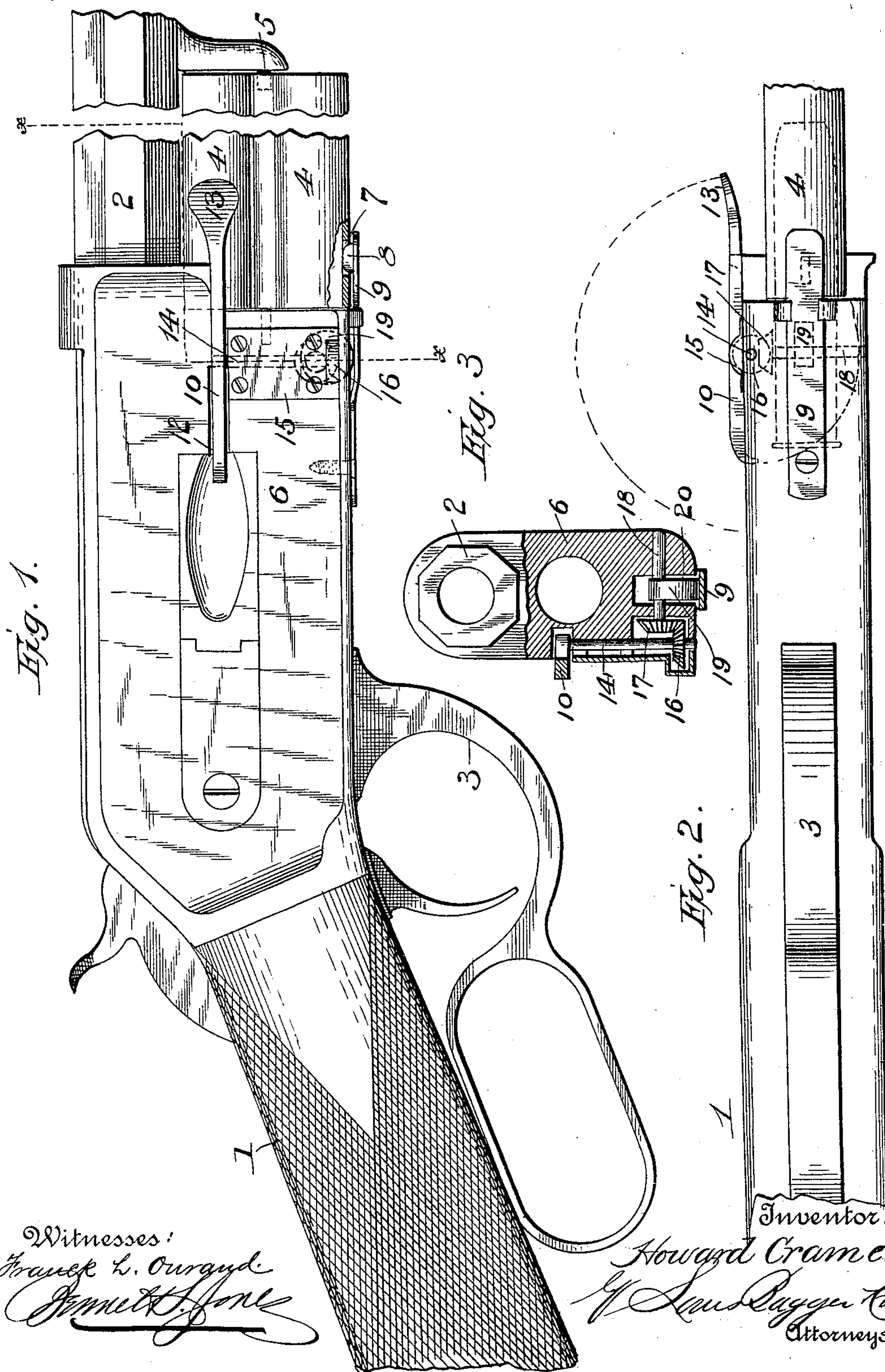
No. 610,123.

Patented Aug. 30, 1898.

H. CRAMER.
MAGAZINE FOR FIREARMS.

(Application filed Oct. 23, 1897.)

(No Model.)



UNITED STATES PATENT OFFICE.

HOWARD CRAMER, OF WILLIAMSPORT, PENNSYLVANIA.

MAGAZINE FOR FIREARMS.

SPECIFICATION forming part of Letters Patent No. 610,123, dated August 30, 1898.

Application filed October 23, 1897. Serial No. 656,175. (No model.)

To all whom it may concern:

Be it known that I, HOWARD CRAMER, a citizen of the United States, and a resident of Williamsport, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Magazine-Firearms; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to magazine-firearms of that class or description in which the magazine is located beneath the barrel, as in the well-known Winchester gun.

The object of the invention is to provide a rotating magazine comprising two or more barrels or chambers for containing the cartridges, either of which may be brought into coincidence with the breech mechanism by which the cartridge is forced into the gun-barrel.

The invention consists in the novel construction and combination of parts herein-after fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a magazine-gun constructed in accordance with my invention. Fig. 2 is a bottom view of the same. Fig. 3 is a transverse section on the line *x x*, Fig. 1.

In the said drawings the reference-numeral 1 designates the stock, 2 the barrel, and 3 the breech mechanism. These may be of any ordinary or suitable construction and a detailed description thereof is not necessary.

Located beneath the barrel is the magazine, consisting in the present instance of two parallel tubes 4, connected with each other and pivoted at the front end to a lug 5 and at the rear end to the frame 6. The rear ends of these tubes communicate with the interior of the frame when brought into coincidence with the cartridge-opening therein. Formed in each of said tubes, near the rear end, is a slot 7, with which engages a lug 8 on the inner side of a spring-bar 9, secured at its rear end to the under side of the frame.

The numeral 10 designates a lever at the side of the frame, one end of which is adapted to pass through a slot 12 in the frame into the

cartridge-chamber thereof when the lever is operated. The other or front end of this lever is formed with a finger-hold 13. Said lever is secured to a vertical rotatable rod 14, located in a recess in the side of the frame and held in place by a removable plate 15. Secured to the lower end of said rod is a bevel-pinion 16, which meshes with a corresponding pinion 17 on a rotatable transverse shaft or rod 18, provided with a cam 19, adapted to project through a slot 20 in the under side of the frame.

In practice the cartridges are fed to the tubes in the usual manner, and when one is filled the lever 10 is thrown back, as shown in the dotted line, Fig. 2, its inner end passing through the slot 12 and engaging with a cartridge which may be in the cartridge-chamber and pushing it into the tube. At the same time the rods carrying the pinions will be operated, causing the cam 19 to engage with the spring-bar 9, forcing it away from the magazine and disengaging the lug 8 from the slot in the tube. Said tubes are then turned by hand to bring the unfilled tube into position for charging, when the lever 10 and connection are returned to normal position and the lug 8 engaged with the slot in the filled tube.

The outlet of the magazine is to be provided with the usual cartridge-stop and with the usual spring and follower (not shown) within the magazine. These may be of any ordinary or suitable construction and form no part of the present invention.

The invention will be found especially advantageous in guns having removable and interchangeable barrels, such as rifle and smooth bore, as one of said tubes may be filled with cartridges loaded with ball and the other with cartridges loaded with shot.

Having thus fully described my invention, what I claim is—

1. In a magazine-gun, the combination with the frame, the barrel and the connected rotatable magazine-tubes, formed with a slot near the rear end, of the spring-bar secured to the frame having a lug engaging with said slots, a rod having a cam engaging with said bar, the pinion on said rod, the intermeshing pinion, the rod to which it is secured and the lever secured to said last-mentioned rod, one

end of which is adapted to pass through a slot in the side of the frame, substantially as described.

2. In a magazine-gun, the combination with
5 the frame, the barrel, the connected rotatable magazine-tubes, having a slot near the rear end, and the spring-bar having a lug adapted to engage with said slots, of the lever at the side of the frame, one end of which is adapt-
10 ed to be projected through a slot in the frame,

and means operated by said lever to disengage said lug from the slots in said tubes, substantially as described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature 15 in presence of two witnesses.

HOWARD CRAMER.

Witnesses:

ROBERT F. ALLEN,
W. W. ACHENBACH.