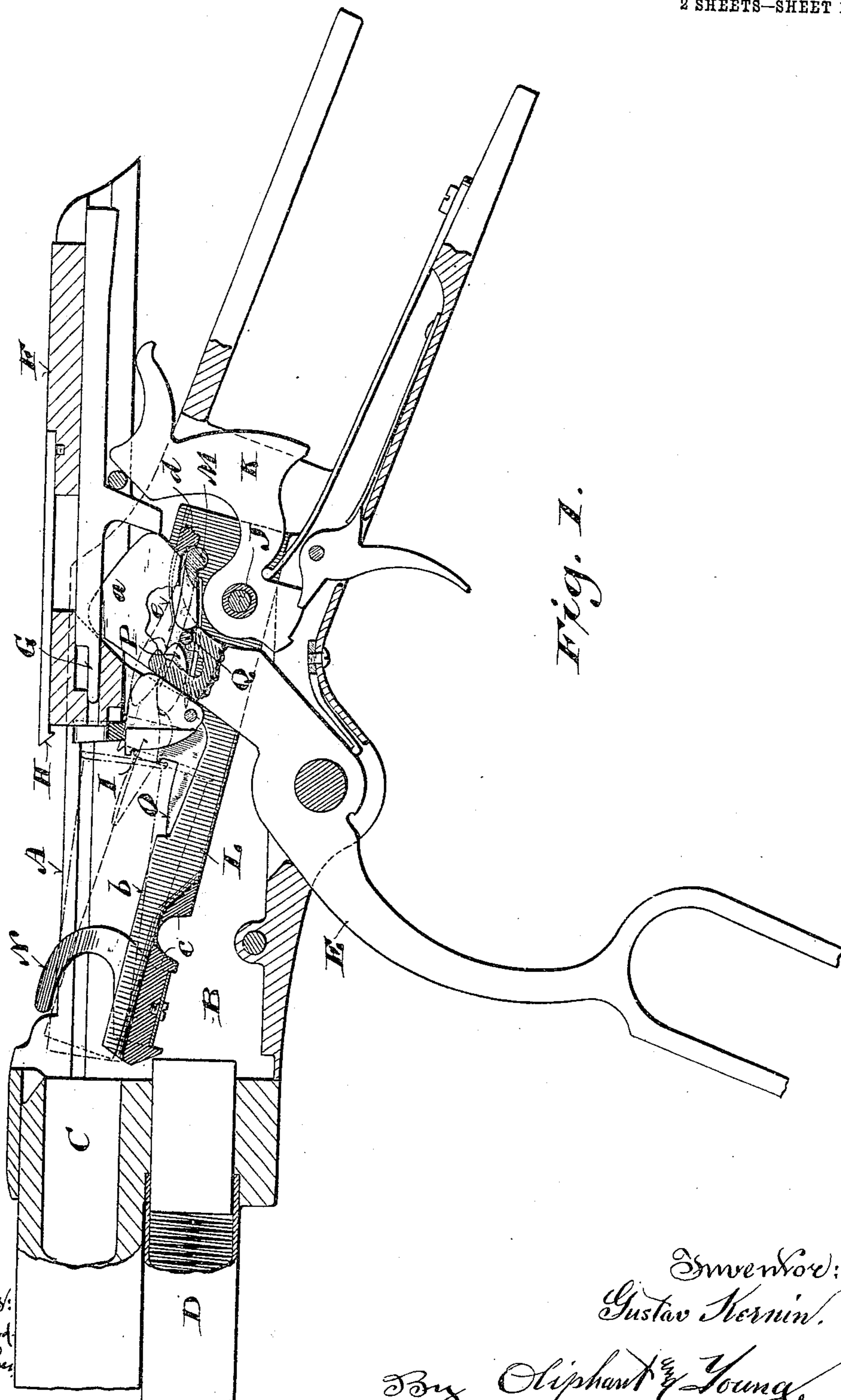


No. 806,264.

PATENTED DEC. 5, 1905.

G. KERNIN.
REPEATING FIREARM.
APPLICATION FILED JULY 20, 1906.

2 SHEETS—SHEET 1.



Witnesses:
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2 SHEETS—SHEET 2.

Fig. 2.

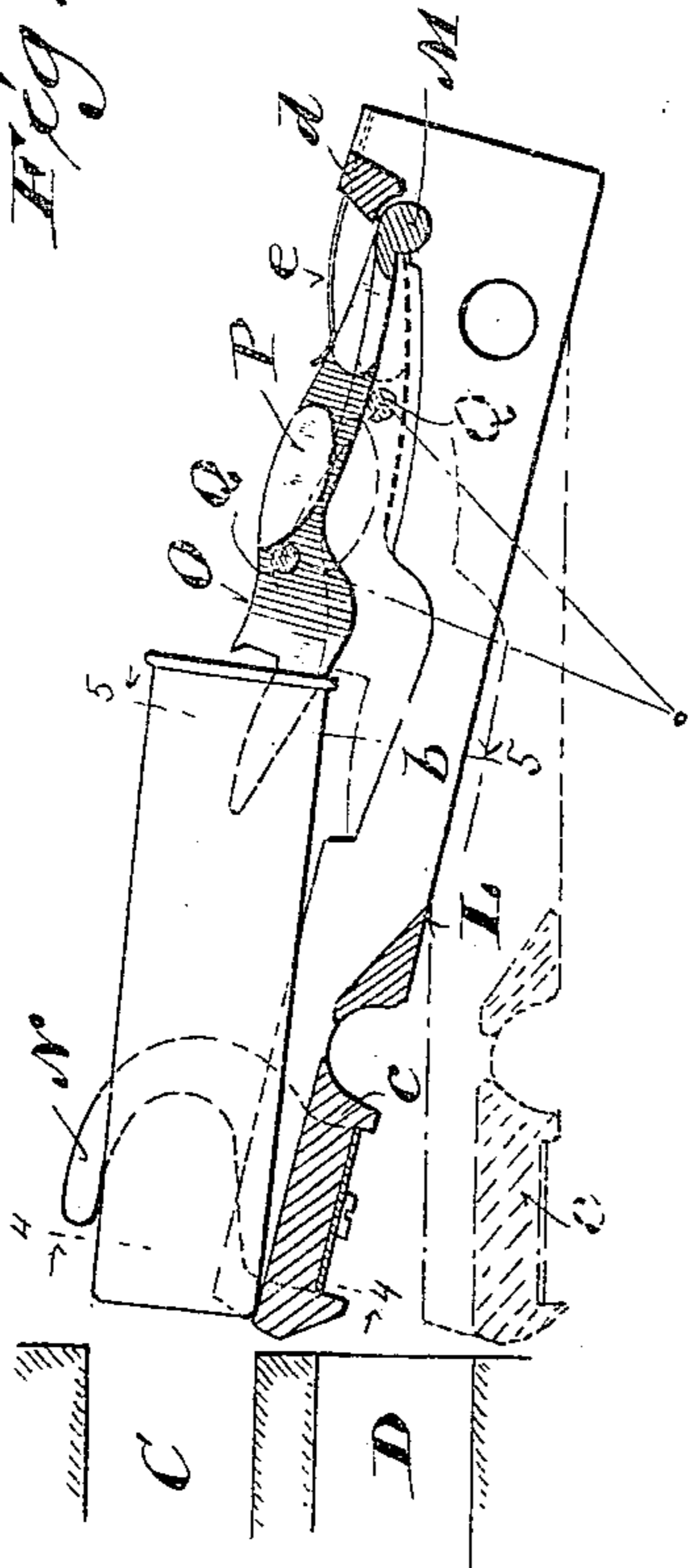


Fig. 5.

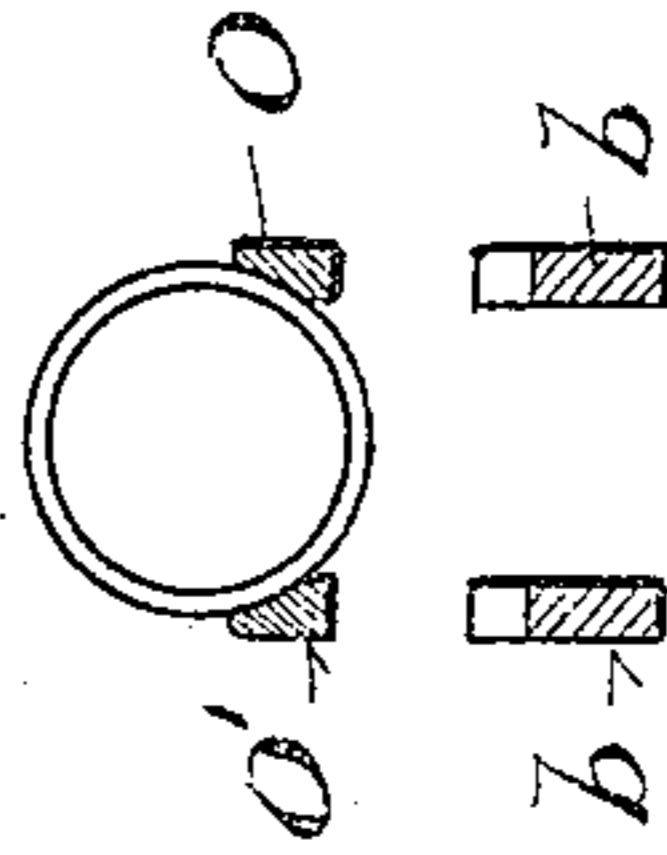


Fig. 4.

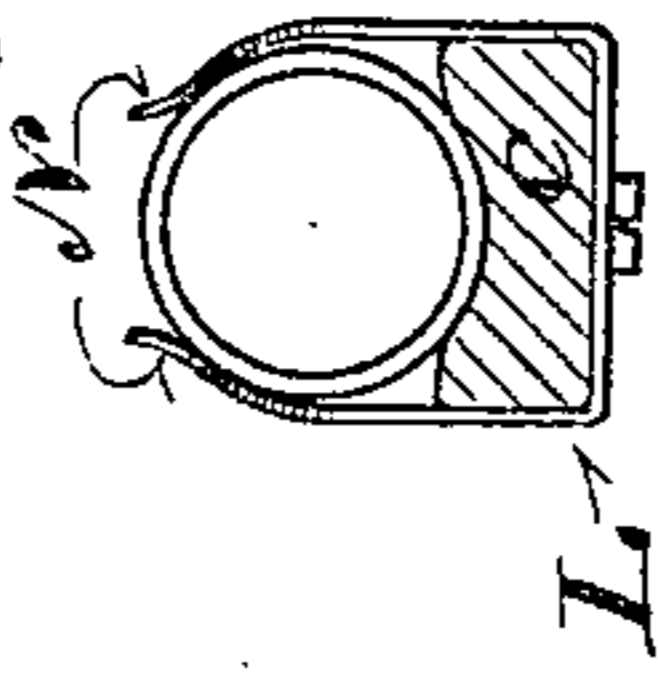
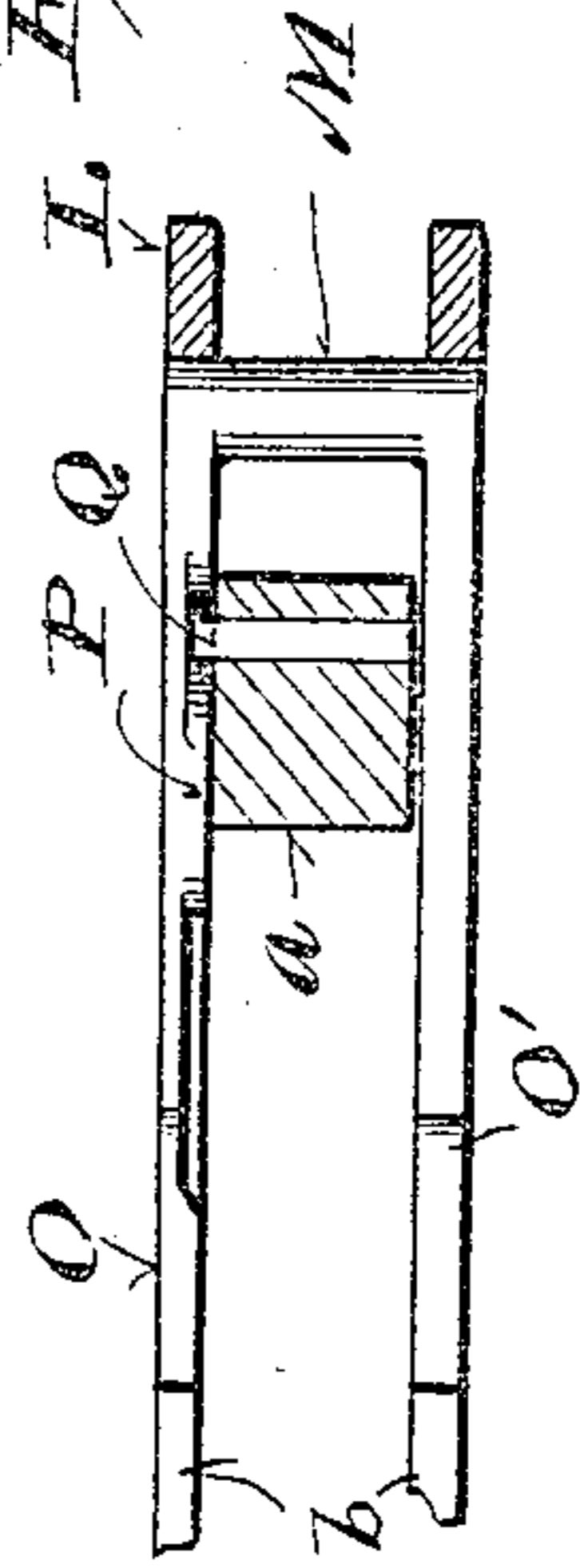


Fig. 3.



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UNITED STATES PATENT OFFICE.

GUSTAV KERNIN, OF CRANDON, WISCONSIN.

REPEATING FIREARM.

No. 806,264.

Specification of Letters Patent.

Patented Dec. 5, 1905.

Application filed July 20, 1905. Serial No. 270,483.

To all whom it may concern:

Be it known that I, GUSTAV KERNIN, a citizen of the United States, and a resident of Crandon, in the county of Forest and State of Wisconsin, have invented certain new and useful Improvements in Repeating Firearms; and I do hereby declare that the following is a full, clear, and exact description thereof.

The object of my invention is to provide a system for elevating and alining shells preparatory to being inserted in the breech of a repeating firearm and to provide for positively extracting and ejecting the spent shell simultaneously with the aforesaid movement.

The invention consists in certain peculiarities of construction and combination of parts to be fully set forth hereinafter with reference to the accompanying drawings and subsequently claimed.

Figure 1 of the drawings represents an elevation of the breech of a repeating firearm embodying my invention with parts broken away and in section to better illustrate the details thereof; Fig. 2, a detail of the carrier-lever with a shell in position preparatory to being inserted into the breech of the gun; Fig. 3, a plan view of the rear portion of the carrier-lever, partly in horizontal section; and Figs. 4 and 5 are cross-sections of the same on the lines 4 4 and 5 5, respectively, of the said Fig. 2.

Referring by letters to the drawings, A represents a breech-frame provided with the usual chamber B, into the front of which is secured the gun-barrel C, and a magazine D below the same. The chamber B has pivoted therein a finger-lever E, having an upper arm α , which engages and actuates a reciprocating breech-block F. The latter is provided with a central firing-pin G, and also carries the extractor H and the ejector I, pivoted between ears depending from said breech-block.

The pivot-pin J of the hammer K has mounted thereon a carrier-lever L, which normally rests upon the bottom of the chamber in line with the magazine-opening. The carrier-lever is composed of side walls b , connected at the front by a web c and a bridge d at the rear. The side walls are also provided with sockets to form bearings for a yoke M, which

rests upon the upper edges of said side walls and is held thereon by a spring e , secured to the carrier-lever. The carrier-lever at its mouth is provided with spring-fingers N, which lap slightly over the shell when the latter is pushed into place thereon, serving to hold said shell firmly in position, the rear or cap portion being supported by the arms O O' of the yoke M, the arm O of which is provided with a switch-cam P in the path of a pin Q, carried by the upper arm α of the finger-lever. The system, as shown in Fig. 1, has been actuated by pushing the finger-lever forward. This movement retracts the breech-block and causes the carrier-lever to rise as a result of the arm α of the finger-lever coming in contact with the bridge d of said carrier. The ejector I simultaneously strikes said arm α , and together with the rise of the carrier expels the spent shell and brings a loaded shell to a position opposite to, but at an oblique angle to, the axis of the bore of the gun. In this position it would be extremely difficult to force the shell into the bore, and in order to obviate the liability of said shell to catch when forced forward by the breech-block the first movement of the arm α of the finger-lever forward causes the pin Q to engage the lower face of the switch-cam, which lifts the yoke M, together with the rear portion of the shell, to approximately a horizontal position in line with the bore of the gun. The breech-block may then be closed by the finger-lever, thereby pushing the shell smoothly to its position for firing.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a repeating firearm, a chamber, a carrier pivoted therein, a yoke pivoted to the carrier, a finger-lever arranged to elevate said carrier when actuated in one direction, and means in connection with the finger-lever and yoke by which the latter is raised when said finger-lever is actuated in a direction reverse to that aforesaid.

2. In a repeating firearm, a chamber, a carrier pivoted therein, spring-fingers secured to the mouth of the carrier, a yoke pivoted to the rear of the carrier, a finger-lever arranged

to elevate said carrier when actuated in one direction, and means in connection with the finger-lever and yoke by which the latter is raised when said finger-lever is actuated in a
5 direction reverse to that aforesaid.

In testimony that I claim the foregoing I have hereunto set my hand, at Crandon, in the

county of Forest and State of Wisconsin, in the presence of two witnesses.

GUSTAV KERNIN.

Witnesses:

H. F. LANDECK,

J. A. TIBBY.