

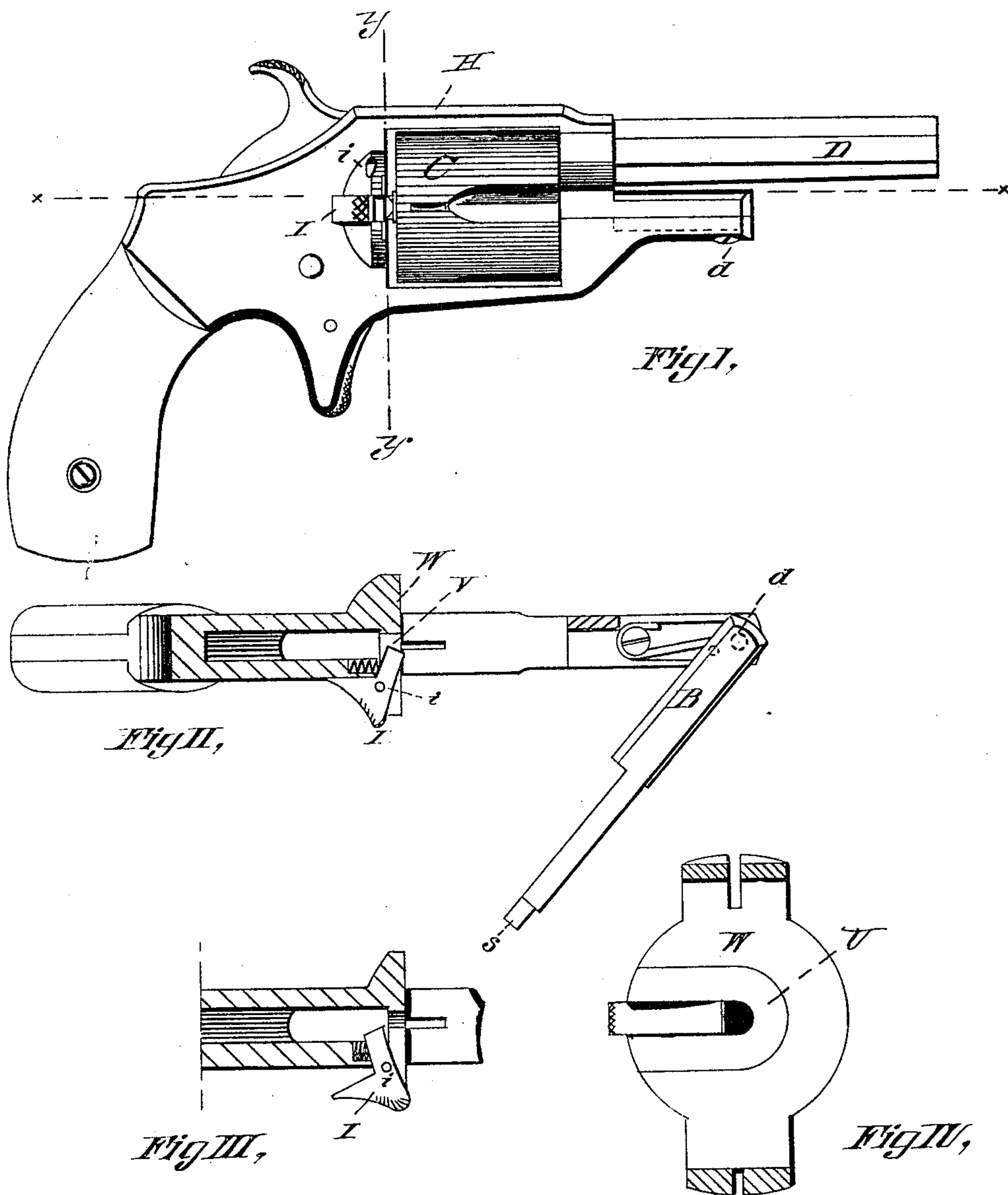
(No Model.)

A. HYDE.

FIRE ARM.

No. 273,282.

Patented Mar. 6, 1883.



Witnesses  
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Att.

# UNITED STATES PATENT OFFICE.

ANDREW HYDE, OF HATFIELD, MASSACHUSETTS.

## FIRE-ARM.

SPECIFICATION forming part of Letters Patent No. 273,282, dated March 6, 1883.

Application filed May 22, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW HYDE, a citizen of the United States, residing at Hatfield, in the State of Massachusetts, have invented new and useful Improvements in Breech-Loading Fire-Arms, of which the following is a specification.

This invention relates generally to improvements in breech-loading fire-arms; and it consists more particularly of improvements in the class of revolving fire-arms for which patent was granted me November 4, 1879, No. 221,171, and to which reference is made.

In the drawings, which fully illustrate the present invention, Figure I is a side view of a complete pistol. Fig. II is a partial top view, in section on line *xx* of Fig. I. Fig. III is a portion of Fig. II, and Fig. IV an enlarged section on the line *yy* of Fig. I.

The cylinder-pin B, hinged at *d*, below the barrel D, to swing out laterally and carry the cylinder with it, has its free end secured in a socket, V, in the recoil-plate W, as is common; but in place of springing the end of the pin B along an incline to the socket, as in the patent before mentioned, I give it free access to the socket V through a groove, *h*, in the recoil-plate W on the plane of its movement, and provide an improved spring-latch to come in convenient reach of a finger of the hand holding the pistol to fire it, to be by it moved to release the cylinder-pin.

I is the latch, pivoted at *i* to swing in the groove *h*, and have its inner projecting end, *m*, bear against the end *s* of the pin B to hold it in its socket V. A spring, *f*, recessed in one side plate, as shown in Figs. II and III, holds the latch in the position shown in Fig. II and returns it to that position when released from the one shown in Fig. III. Fig. III shows the latch I in the position to which it is moved by the finger to release the end *s* of pin B, and that which it takes in yielding to the inward swing of pin B after the end *s* has passed the pivot *i*. When the latch is as shown in Fig. II its shoulder *c* bears against the outer side of the

pistol to resist with the strength of pin *i* any tendency of the cylinder-pin to move from its bearing V.

Fig. II shows the cylinder-pin B swung out from the pistol by the action of a spring, G, secured to the frame H of the pistol, to bear also upon the pin B at a point near its hinge *d*. A space is formed, as shown in Fig. II, and as indicated in dotted lines in Fig. I, below the pin B, to receive the spring G, and a pin, *v*, from the pin B extends down into said recess, and serves as a point for the spring to bear upon, and as a stop, by coming against the inner wall of the recess, to limit the swing of the pin B and determine its most advantageous position for enabling the cylinder to be loaded or have the shells extracted. By means of a latch for holding the free end of a swinging pin, B, and of a spring for acting upon its hinged end, the cylinder may be operated by one hand to place the cylinder in position to be loaded or have empty shells removed.

It is evident that without a departure from the spirit of my invention the spring-actuated pin B, hinged to the frame to swing out laterally and automatically upon the release of its free end by a suitable finger-latch, may be connected with, to carry with it, a single cartridge-chamber as well as a cylinder containing many.

What I claim is—

The combination, in a breech-loading fire-arm, with the pin B, constructed to swing out laterally from the frame upon one end, hinged beneath the barrel, and adapted to carry one or more cartridge-chambers therewith, the frame H, and a latch arranged to secure the free end of pin B to the frame, of a spring, G, arranged at the pivoted end of pin B to bear thereupon to automatically swing out said pin from the barrel when released at one end, substantially as shown and described.

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Witnesses:

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