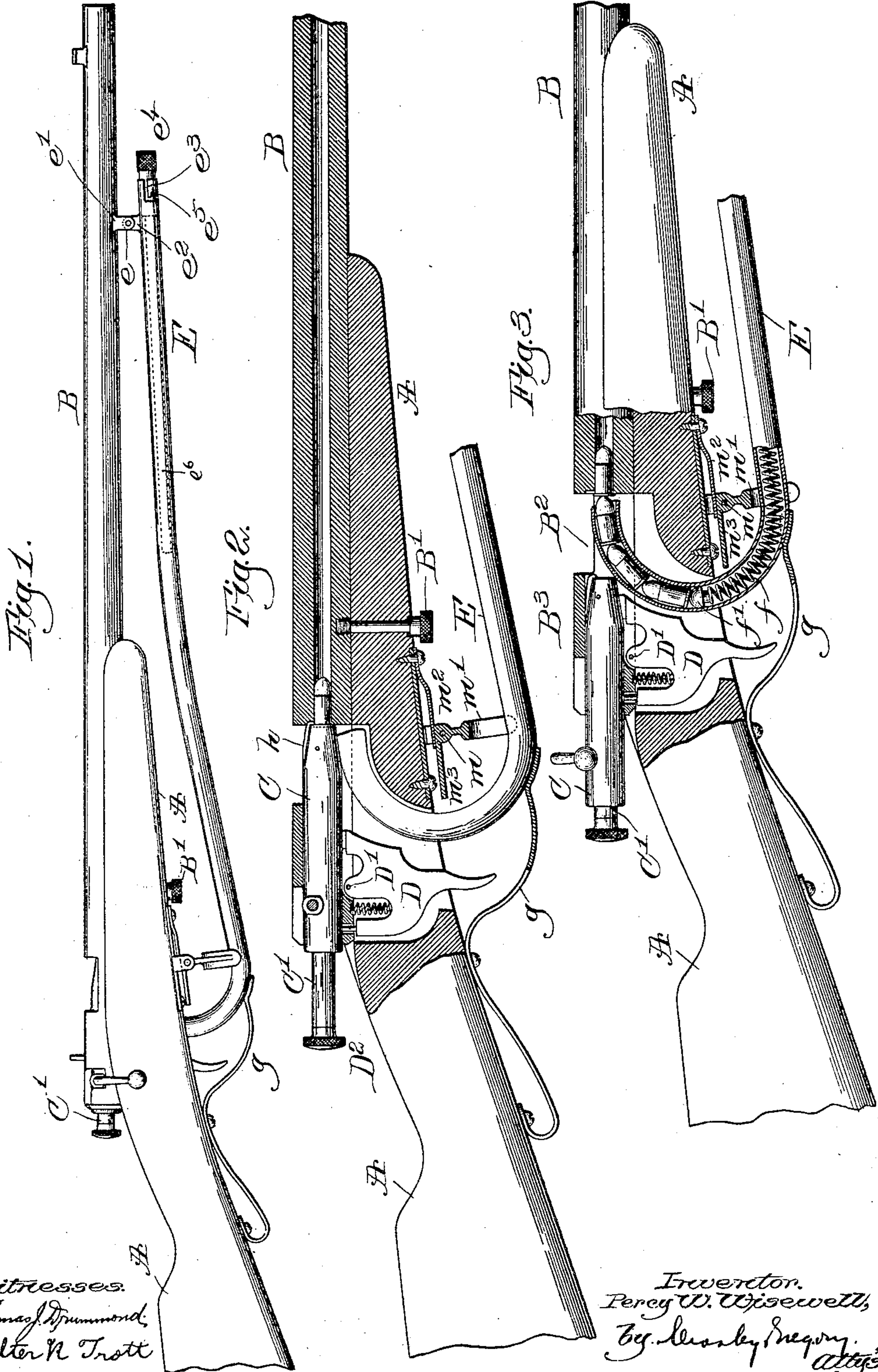


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P. W. WISEWELL.
MAGAZINE GUN.

APPLICATION FILED DEC. 1, 1905.



Witnesses.
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PERCY WARDSWORTH WISEWELL, OF BOSTON, MASSACHUSETTS.

MAGAZINE-GUN.

No. 824,165.

Specification of Letters Patent.

Patented June 26, 1906.

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To all whom it may concern:

Be it known that I, PERCY WARDSWORTH WISEWELL, a citizen of the United States, residing at Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Magazine-Guns, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object to provide a gun with a novel magazine, the magazine being represented as a tube pivoted to the barrel back of the muzzle of the gun and having its rear end turned toward the muzzle of the gun, said rear end being movable into and out of position to deliver a cartridge to the barrel and being controlled as to the time of its movement by or through the movement of the breech-block.

Figure 1 in side elevation represents a part of the gun provided with my improvements. Fig. 2 is a partial longitudinal section on a slightly-larger scale, and Fig. 3 is a detail showing the tubular breech-block in its inoperative position and the magazine as having just delivered a cartridge into the barrel.

Referring to the drawings, A represents the stock, which is attached to the barrel B, as shown by a screw B'. The barrel is cut away at B² to constitute an opening through which the shells may be ejected, and the rear end of the barrel or a continuation thereof (marked B³) receives the sliding breech-bolt C, which is herein shown as cylindrical in form and as arranged to receive the usual spring-controlled firing-pin C'. The breech-block C has a connected finger-piece by which it is operated, said breech-block being locked in operative position by turning it sufficiently to cause the finger-piece to enter the locking-notch. The firing-pin is held in position to be released when desired by the trigger D, pivoted at D' and acted upon by a spring D². The parts so far described are common to a gun made by the Savage Arms Company, so need not be herein further described, as my improvements relate more particularly to the magazine.

The magazine shown comprises a tube E, pivoted at *e* to a small stand *e'*, depending from the under side of the gun-barrel, the tube having an ear *e*², that enters a notch in the stand, thus pivoting the magazine with relation to the barrel at a point between the ends of the barrel.

The magazine is so shaped that its delivery end is turned toward the muzzle of the barrel, and said delivery end is movable transversely of the barrel, that it may be brought into position to deliver a cartridge thereto. This transverse movement of the magazine is controlled by the movement of the breech-block C, the latter having a beveled end.

The end of the tube E nearest the muzzle of the gun has a bayonet-slot *e*³ and receives a plug *e*⁴, having a pin *e*⁵, that is movable in the bayonet-slot, Fig. 1 showing the plug locked in position. This plug has a rod *e*⁶ connected therewith and extended partially through the magazine. The magazine also contains a spring *f*, shown as having a follower *f'*, that is normally pressed by the spring toward the delivery end of the magazine, the outer end of the spring being connected with a rod *e*⁶. To fill the magazine, the plug, rod, spring, and follower will be withdrawn and the cartridges will be filled in, any desired number, when the follower, spring, rod, and plug will be returned and the spring will be compressed. The strength of the spring will be sufficient to transfer the last cartridge in the magazine into the barrel. Normally when the breech-block C is in the position shown in Figs. 1 and 2 the beveled end of the breech-block acting on the end of the magazine puts the same in its inoperative position against the tension of the spring *g*. When the trigger is turned, assuming the parts in the position Fig. 2, the firing-pin is released, strikes the end of the cartridge, and explodes the same. The cartridge having been fired, the operator takes hold of the finger-piece, turns the breech-block slightly, causing the extractor *h*, a finger pivotally mounted on the breech-block, to engage the rear of the cartridge, and as the breech-block is moved backwardly in the usual manner the shell is extracted and discharged through the opening B². As the tubular breech-block is retracted into the position Fig. 3 the spring *g* acts instantly to put the delivery end of the magazine opposite the end of the barrel where the cartridge is received, and the spring *f* pushes the endmost cartridge from the magazine into the barrel. When the breech-block is again moved forwardly or from the position Fig. 3 into the position Fig. 2, the magazine is again put into its inoperative position.

As a guide for the magazine I have pivoted at *m* a forked piece *m'*, that embraces

the magazine, and this guide is maintained in its normal position (shown in the drawings) by means of a spring m^2 . Whenever desired to lock the magazine in its inoperative position, the guide m' may be turned about its pivot, bringing the leg m^3 thereof down in contact with the magazine, said leg serving to maintain the magazine in its inoperative or locked position.

One of the principal features of the invention is providing the gun with the magazine, the delivery end of which is movable into and out of position to deliver a cartridge to the barrel and the movement of which is controlled by the movable breech-block, and another feature is providing a gun having a movable breech-block with a magazine which is pivoted to the barrel forwardly of the breech-block and the delivery end of which is adapted to be moved into line with the barrel when the breech-block is withdrawn.

I have herein shown one embodiment only of my invention, and I have not attempted to illustrate all ways in which it might be embodied.

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

1. A magazine-gun provided with a magazine extended forwardly of the breech of the gun and having its delivery end movably mounted and turned toward the muzzle of the gun whereby said delivery end may be moved into and out of line with the barrel.

2. In a breech-loading gun, a movably-mounted magazine extending forwardly of the breech and having its delivery end turned toward the muzzle of the gun, a movable breech-block, and means to move the delivery end of the magazine into line with the barrel when the breech-block is withdrawn.

3. In a gun, a movable breech-block, a magazine pivoted to the barrel forwardly of the breech-block and having its delivery end turned toward the muzzle of the gun, and means to move the delivery end of said magazine into line with the barrel when the breech-block is withdrawn.

4. In a gun, a movable breech-block, a movably-mounted magazine extending forwardly of the breech-block and having its delivery end situated to be brought into alignment

with the barrel, and means to guide the magazine in its movement.

5. In a gun, a magazine pivoted near its outer end to the barrel of the gun, a spring acting normally to move the curved end of the magazine into position that a cartridge may be delivered therefrom into the barrel, and a breech-block to move the magazine in an opposite direction.

6. In a gun, a pivoted magazine, a spring to sustain the inner end of said magazine, and a breech-block tapered at its end to move said magazine in opposition to said spring.

7. In a gun, a magazine made as a tube pivoted near its front end to the barrel of the gun, and having its rear end turned forwardly toward the muzzle of the gun, means to move the free end of the magazine with its delivery end in line with the bore in the barrel of the gun, and a spring in said magazine to force the endmost cartridge of the magazine into the bore of the barrel.

8. In a gun, a barrel, a movable breech-block, a magazine pivoted to the barrel forwardly of the breech-block and having its delivery end curved toward the muzzle of the gun and automatically-operative means to move the magazine into position to deliver a cartridge to the barrel when the breech-block is withdrawn.

9. In a gun, a barrel, a movable breech-block, a magazine having its delivery end movable into and out of position to deliver a cartridge to the barrel, the movement of the magazine being controlled by the breech-block, and automatically-operative means to move the magazine into position when the breech-block is withdrawn.

10. In a gun, a barrel, a movable breech-block, a magazine pivoted on the barrel and having its delivery end curved toward the muzzle of the gun, and automatically-operative means to move the magazine into position to deliver a cartridge to the barrel when the breech-block is withdrawn.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

PERCY WARDSWORTH WISEWELL.

Witnesses:

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