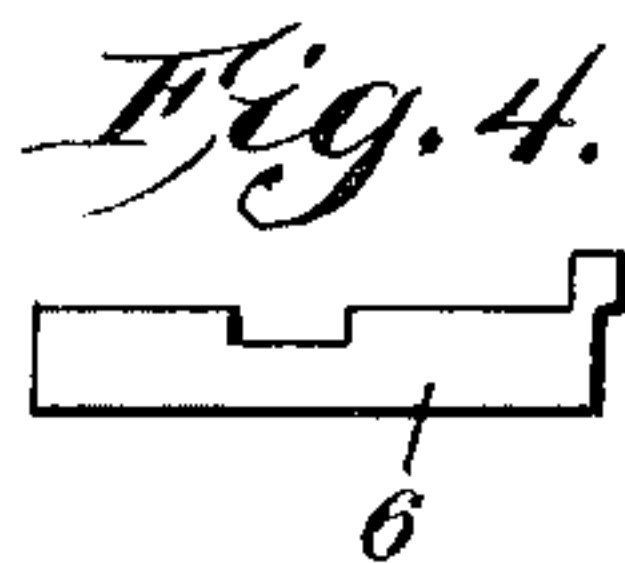
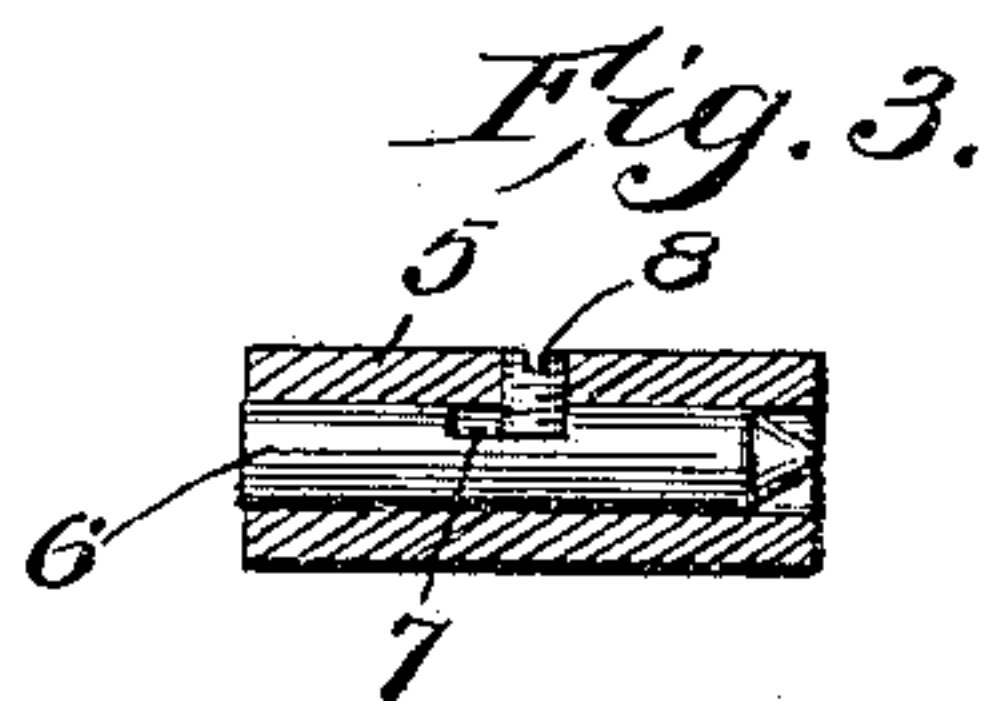
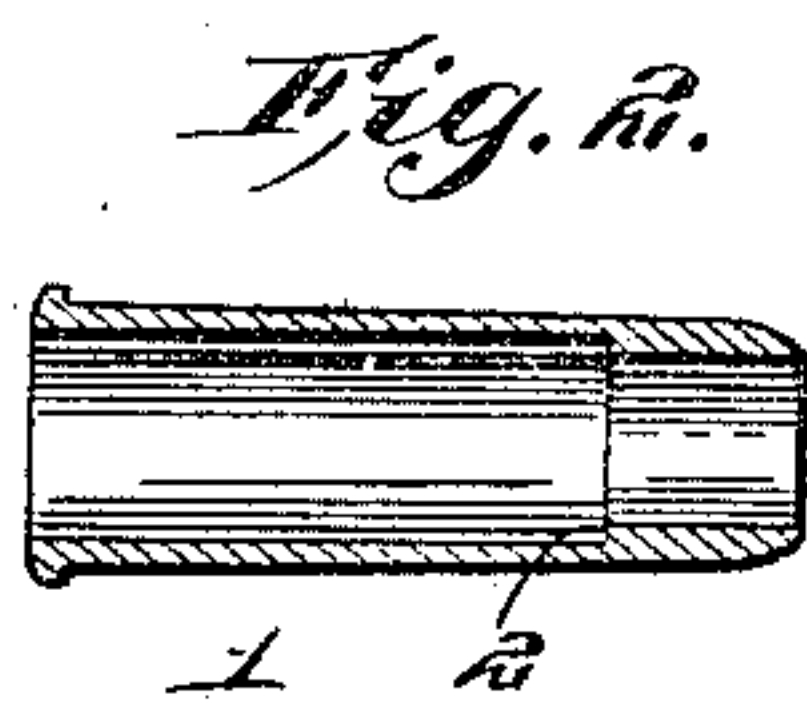
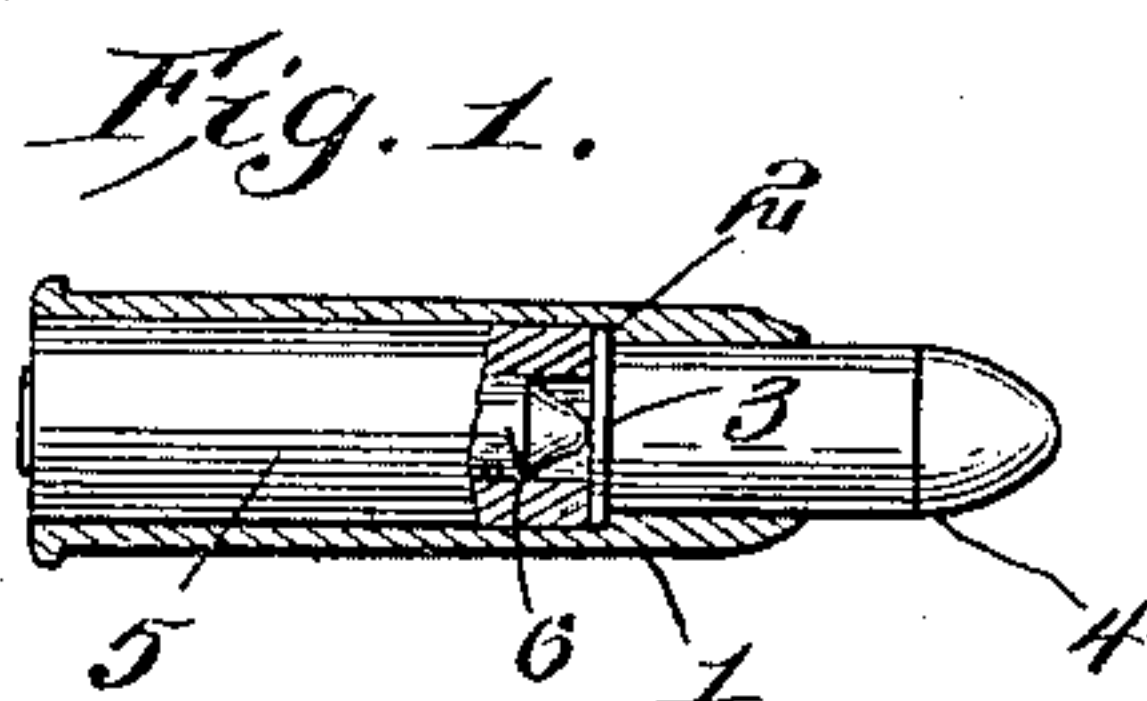


No. 855,648.

PATENTED JUNE 4, 1907.

P. M. MAYVILLE.
RIFLE ATTACHMENT.
APPLICATION FILED NOV. 16, 1905.



Witnesses

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UNITED STATES PATENT OFFICE.

PETER M. MAYVILLE, OF GREEN BAY, WISCONSIN.

RIFLE ATTACHMENT.

No. 855,648.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed November 16, 1905. Serial No. 287,644.

To all whom it may concern:

Be it known that I, PETER M. MAYVILLE, a citizen of the United States, residing at Green Bay, in the county of Brown and State of Wisconsin, have invented certain new and useful Improvements in Rifle Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to attachments for rifles whereby small cartridges such as used in pistols can be fired from a rifle ordinarily utilizing cartridges of the bottle neck variety.

One of the objects of the device is to provide a durable and compact means for adapting pistol cartridges for use within rifles and which permits the use of either center or rim fire cartridges of this character in a center fire rifle.

The invention consists of a casing having an interior shoulder and this casing has the external appearance and size of the cartridge ordinarily utilized in the rifle in which it is used. The casing is adapted to receive a small pistol cartridge and the head of said cartridge adapted to bear against the shoulder within the casing. A tubular breech block is fitted in the casing in rear of the cartridge and has a firing pin mounted within it adapted to be projected by the firing pin of the rifle so as to explode the cap of the small cartridge contained within the casing.

The invention also consists of the further novel features of construction and combination of parts, the preferred form whereof will be hereinafter more clearly set forth and pointed out in the claims.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings:—Figure 1 is a view partly in section and partly in elevation showing a cartridge within my improved attachment. Fig. 2 is a section through the casing of the attachment. Fig. 3 is a similar view of the breech block, and, Fig. 4 is a detail view of a firing pin adapted to be used for exploding rim fire cartridges in a center fire rifle.

Referring to the figures by numerals of reference, 1 is a casing, the external diameter and appearance of which is that of a shell of a cartridge such as is adapted to be used in the rifle in which this attachment is adapted to be placed. The casing has a shoulder 2

therein near its outlet end and this shoulder constitutes an abutment or stop for the head 3 of a small pistol cartridge 4 which is adapted to be inserted in the rear or butt end of the casing and to project beyond the opposite end thereof, as shown in Fig. 1. The casing is thickened interiorly from the shoulder to the outer end of the casing constituting a reinforce to take the force and strain and prevent spreading of this end of the casing. A tubular breech block 5 is adapted to be placed within the casing in rear of cartridge 4 and when in this position its outer end will lie flush with the adjoining end of the casing 1. Mounted within this breech block is a firing pin 6 having a recess 7 into which projects a stop pin 8 preferably in the form of a short screw which extends through the wall of the breech block and into engagement with the firing pin.

It is thought that from the foregoing description the manner of using this attachment will be apparent. When it is desired to fire a small cartridge from the rifle, the cartridge is first placed in the casing 1 and the breech block is then inserted behind it so that the firing pin will contact with the cap. The entire attachment and the cartridge contained therein is then inserted in the rifle and when the same is operated, the firing pin of the rifle will be brought into contact with the pin 6 and this in turn will explode the cap of the cartridge and project the ball. The breech block 5 can be readily slid out of the casing 1 and therefore there is no difficulty in removing the exploded cartridge and replacing it with another one. Should a rim fire cartridge be used in the casing, a firing pin such as shown in Fig. 4 may be substituted for the pin 6. It will be seen that no springs are necessary for the operation of this attachment and that the casing is not provided with apertures, recesses, or other like undesirable features and therefore there is no chance for the operation of the device to be interfered with or the same becoming clogged. The entire attachment is formed of but three parts and cannot therefore get out of order.

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

1. An attachment for rifles comprising an imperforate, non-contractible casing, the outer surface of which simulates the shell of a cartridge ordinarily used within the rifle, said casing having an interior shoulder and thick-

ened from said shoulder to the adjoining end of the casing, said end being rigid and unslitted said thickened portion constituting a reinforce, and adapted to surround a miniature cartridge, a rigid, non-yielding tubular, cylindrical breech block of uniform diameter adapted to be loosely seated within the casing and to hold the head of said miniature cartridge against the shoulder, said block and the cartridge adapted to completely fill the casing, and a firing pin slidably mounted within the breech block.

2. An attachment for rifles comprising a hollow casing with one end rigid and unyielding and thickened internally and forming an internal shoulder for contact of the head of a cartridge, a tubular breech block removably

inserted within said casing to engage the head of said cartridge, with its other end flush with the butt end of the casing, a firing pin slidably mounted in said breech block and having a longitudinal recess, and means in the breech block entering said recess to guide and limit the movement of the firing pin, said firing pin having a lateral offset adapted for use with a rim-fire cartridge.

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

PETER M. MAYVILLE.

Witnesses:

GRÉGOIRE DENIS,
E. DENIS.