

No. 750,624.

PATENTED JAN. 26, 1904.

J. M. EDMUNDS.

PRIMER.

APPLICATION FILED FEB. 12, 1903.

NO MODEL.

Fig. 1.

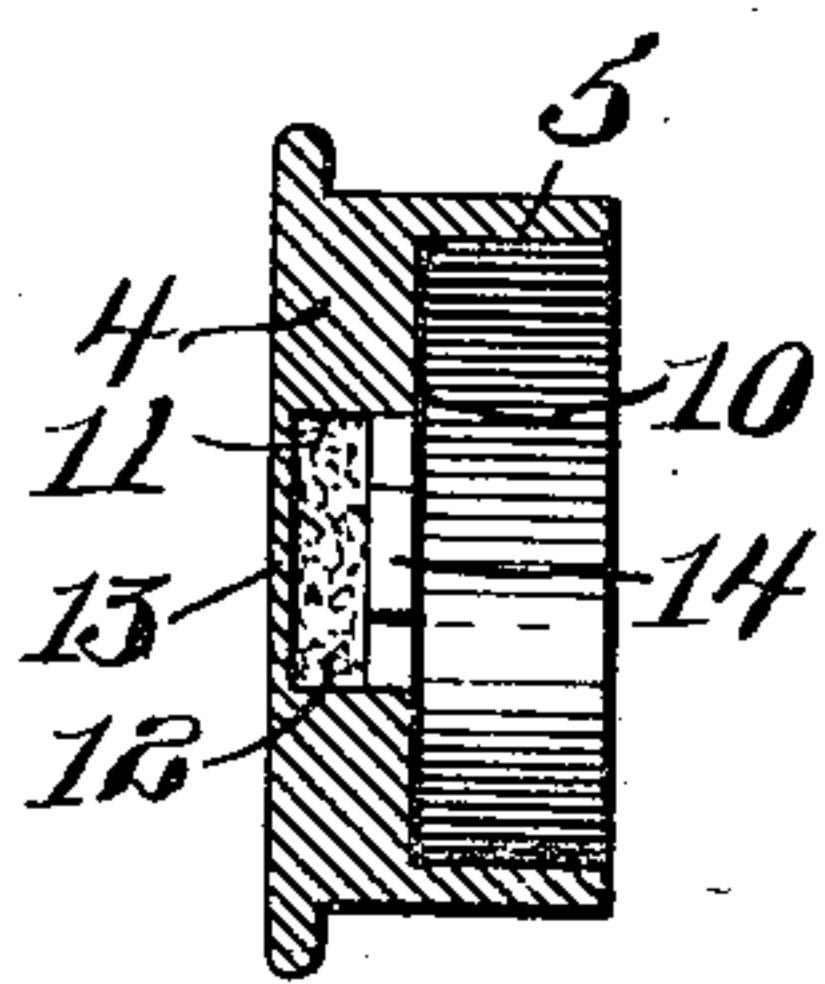


Fig. 2.

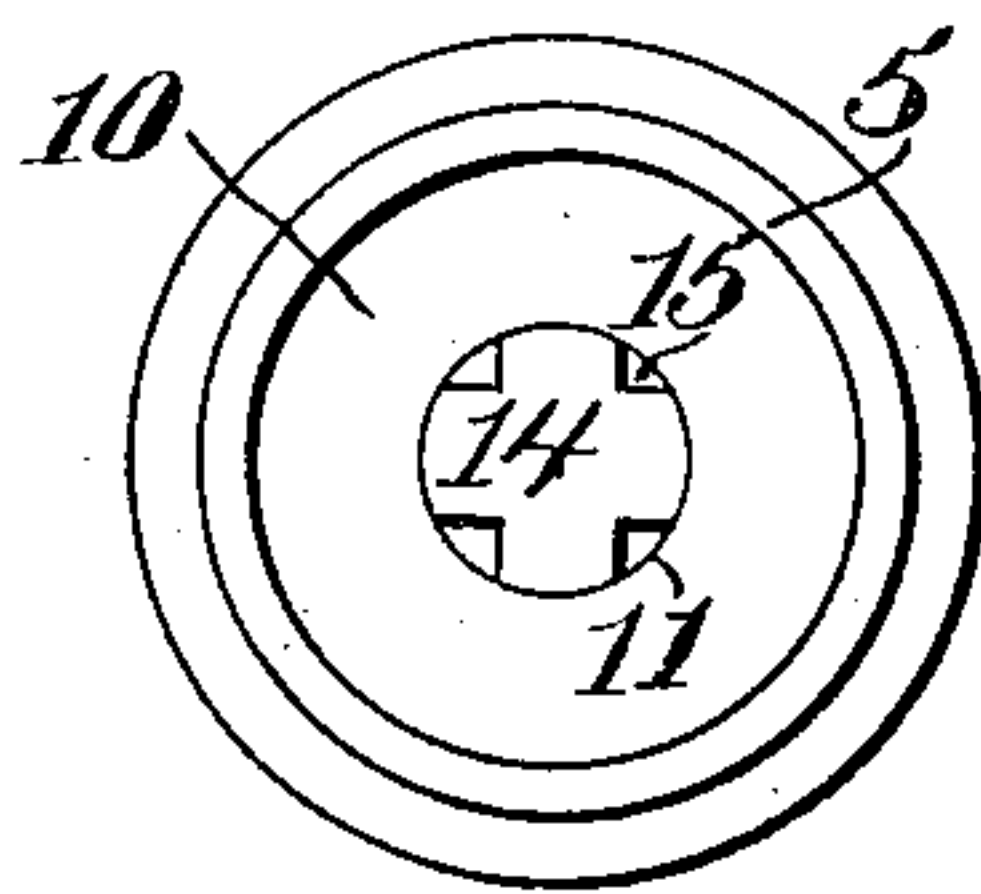
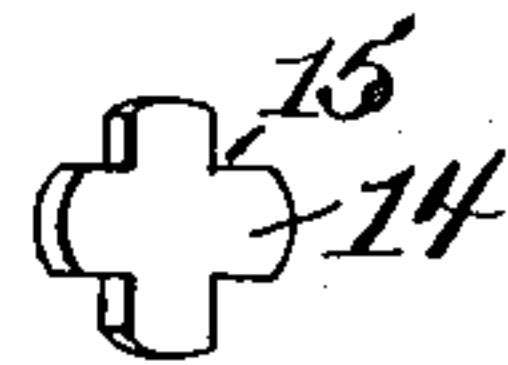


Fig. 3.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

JOHN M. EDMUNDS, OF NEW YORK, N. Y.

PRIMER.

SPECIFICATION forming part of Letters Patent No. 750,624, dated January 26, 1904.

Application filed February 12, 1903. Serial No. 143,050. (No model.)

To all whom it may concern:

Be it known that I, JOHN M. EDMUNDS, a citizen of the United States, residing in New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Primers, of which the following is a specification.

This invention relates to primer-caps for projectiles, and has for its object to produce an inexpensive and efficient structure.

In the accompanying drawings, forming a part of this specification, Figure 1 is a sectional view of a primer-cap. Fig. 2 is an elevational view of the same. Fig. 3 is a perspective view of the bridge or anvil used in said cap.

Similar characters of reference indicate like parts throughout the figures.

The primer-plug comprises a cap 4, having an extended flange 5. In the bottom of the recess 10 of the plug is a socket 11, which receives the fulminate 12. This socket 11 is sufficiently deep to reduce the thickness of the cap 4 at 13, so that the portion 13 will be sufficiently thin to impart the blow from the hammer of the gun to the fulminate 12.

For the purpose of holding the fulminate 12 in place I provide a bridge or anvil 14, which is notched or otherwise formed, as at 15, so as to form exits for the escape of the fire when the explosion occurs so that it may reach the powder. This bridge or seat is preferably pressed into place during the manufacture of the primer-plug.

It will be understood that I do not limit my invention to the construction herein shown and that other modifications may be resorted to within the purview of said invention.

Having thus described my invention, I claim—

1. A primer-plug for projectiles comprising a member provided with an annular recess a pocket formed in the base thereof and adapted

to contain a fulminate and a bridge or anvil fitted into said pocket for holding said fulminate in place.

2. A primer-plug for projectiles comprising a member provided with an annular recess a pocket formed in the base thereof and adapted to contain a fulminate and a perforated bridge or anvil fitted into said pocket for holding said fulminate in place.

3. A primer-cap for projectiles comprising a head provided with a pocket to receive a fulminate said pocket being sufficiently deep to materially reduce the thickness of the head, a fulminate in said pocket and a perforated bridge pressed into the pocket and upon the fulminate.

4. A primer-cap for projectiles comprising a member having an annular recess, a portion of the wall of which is thin whereby to readily impart a blow to a fulminate and an anvil secured in said recess for holding the fulminate in place.

5. A primer-cap for projectiles comprising a member provided with a recess a seat within said recess adapted to receive a fulminate, a thin partition at the seat portion to receive and impart the blow to the fulminate from the hammer and a perforated anvil secured within the recess for receiving the blow.

6. A primer-cap for projectiles comprising a member provided with a recess, a seat within said recess adapted to receive a fulminate, a thin partition at the seat portion to receive and impart the blow to the fulminate from the hammer and an anvil secured within the recess for receiving the blow.

Signed at Nos. 9 to 15 Murray street, New York, N. Y., this 7th of February, 1903.

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Witnesses:

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