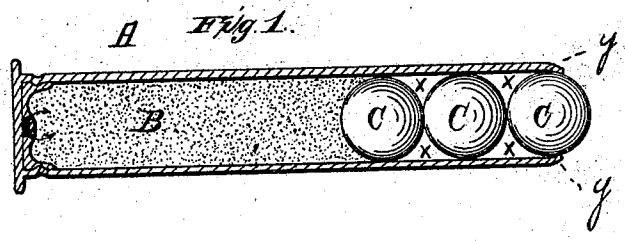
E. M. WRIGHT.

Cartridge.

No. 207,582. Patented Aug. 27, 1878

Fig. 1.



WITNESSES

F. L. Ourand

H. A. Toulmin

BY

INVENTOR

Edward M. Wright

Munn & Thacher

ATTORNEYS

UNITED STATES PATENT OFFICE.

EDWARD M. WRIGHT, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN CARTRIDGES.

Specification forming part of Letters Patent No. **207,582**, dated August 27, 1878; application filed June 15, 1878.

To all whom it may concern:

Be it known that I, EDWARD M. WRIGHT, of Washington, in the county of Washington, and in the District of Columbia, have invented certain new and useful Improvements in Cartridges for Small-Arms and Machine-Guns; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to metallic cartridges for rifled guns and pistols; and it consists in a metallic cartridge having two or more balls of the caliber of the gun, one placed in front of the other, the front bullet or ball being secured by turning-in the metallic shell on it, and the space between the balls filled with a lubricant, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which, the figure in the accompanying drawing represents a cartridge embodying my invention.

A represents the shell of a metallic cartridge, which may be constructed in any of the known and usual ways. B represents the charge of powder, and C C represent two or more balls, placed one in front of the other within the shell A. These balls should be of the same caliber as the gun or pistol for which the cartridge is intended, and, owing to their sluggage, they will take the rifling of the gun as they pass through the same. The outer ball is held in place by turning-in the end of the metallic case, as seen at *y*. The interstices between the balls C C are filled with a lubricant, as shown at *x x*.

Though I prefer, in carrying out my invention, to use the ordinary round balls, as shown in the drawing, it is obvious that balls of any form may be used.

My invention is especially intended for comparatively short ranges, when all the balls of each cartridge will come comparatively close together without scattering too much, and hence terrible execution will be done.

The charge of powder required is much less than in rifle-cartridges, which give the room necessary for the multiple balls, and allows the same cartridge to be used in all small-arms and machine-guns. I have found, after careful experiments, that the charge of powder needed with my cartridge is about one-half of that now used by the Government in the adopted cartridge.

I do not claim two or more irregularly-shaped balls used in a cartridge-case having interior and exterior grooves and ribs, as I am aware that such is not new. Neither do I broadly claim two or more bullets placed in the same cartridge-shell, as I am aware that such has been done before. With my invention I can use the ordinary cartridge-case and the common round ball.

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

A metallic cartridge having two or more bullets of the caliber of the gun, the front bullet being secured by turning-in the metallic shell upon it, and the space between the bullets being filled with a lubricant, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of June, 1878.

EDWARD M. WRIGHT.

Witnesses:

FRANK GALT,

J. M. MASON.