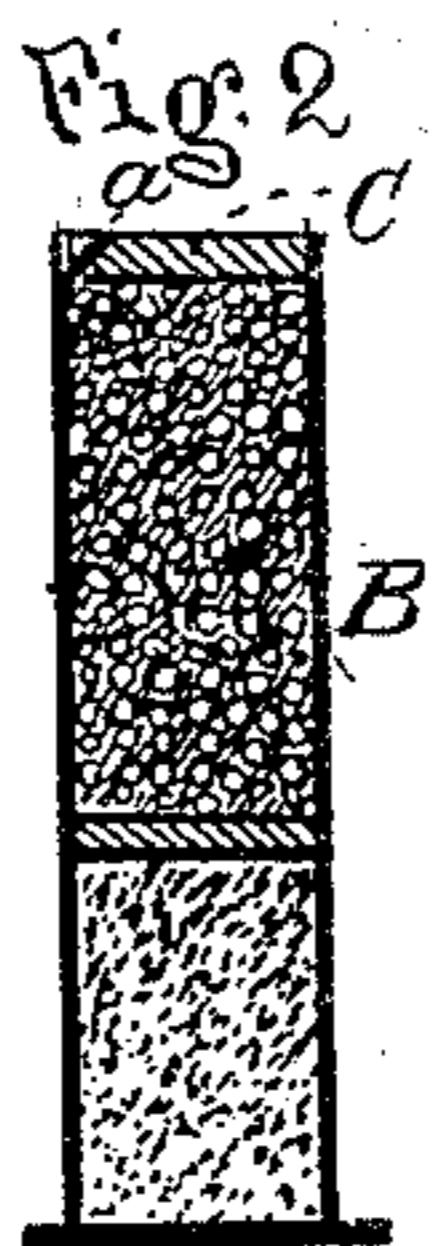
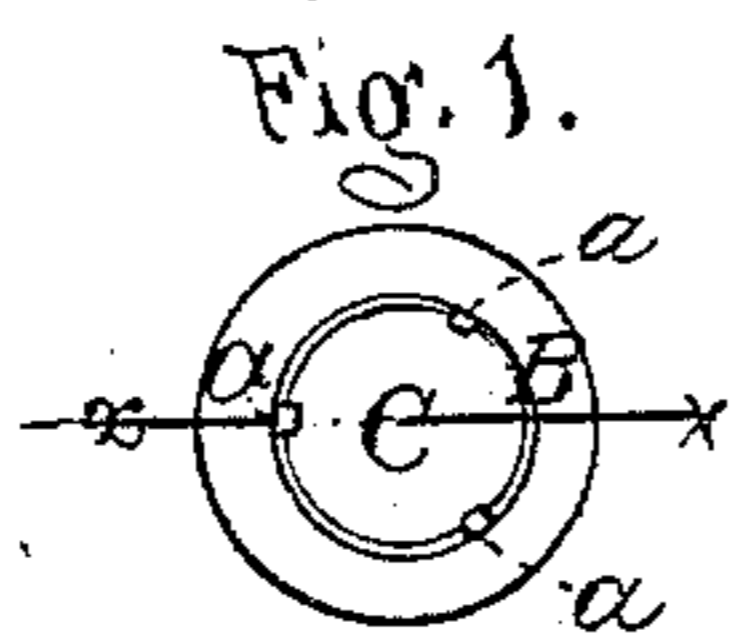


E. MAYNARD.  
Cartridge.

No. 40,111.

Patented Sept. 29, 1863.



*Witness*  
{ *Randolph*  
*Thomas Adams* }

Edward Maynard  
By *Robbing & Burr*  
*attys.*

# UNITED STATES PATENT OFFICE.

EDWARD MAYNARD, OF WASHINGTON, DISTRICT OF COLUMBIA.

## IMPROVEMENT IN CARTRIDGES.

*Specification forming part of Letters Patent No. 40,111, dated September 29, 1863.*

*To all whom it may concern:*

Be it known that I, EDWARD MAYNARD, of the city of Washington and District of Columbia, have invented a new and useful Improvement in the Manufacture of Fixed Ammunition for Shot-Guns; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a top view of a metallic cartridge in which the charge is secured by means of my invention, and Fig. 2 is a vertical section of the same in the line *x x* of Fig. 1.

Similar letters indicate like parts in each of the drawings.

My invention relates to metallic cartridges for shot-guns, and has for its object fastening and retaining the charge in such cartridges cheaply, permanently, and securely, without in the least affecting the facility of their discharge in the gun.

It consists of a series of tongues, *a a a*, which are formed in the upper end of a metallic cartridge, *B*, by simply cutting slits of any desirable length on either side of the tongue to be formed.

When the cartridge is properly loaded, as il-

lustrated in Fig. 2, and a suitable wad, *c*, placed upon the charge of shot, the tongues *a a a* may be bent over upon it, and will thus securely retain the load within the cartridge, and enable it to be carried or jolted about in any position without danger of its becoming loose or unfixd. When, however, the cartridge is fired, the explosion of the charge will straighten out the tongues *a a a* into their original position without breaking them, so that the cartridge may be again reloaded and secured with facility.

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

The formation of one or more clasping or retaining tongues in the upper rim of a metallic cartridge by slitting the edge of the same, substantially in the manner and for the purpose herein set forth.

This specification of my new and useful improvement in fixed ammunition for shot-guns, signed by me this 28th day of May, A. D. 1863.

EDWARD MAYNARD.

In presence of—

RANDOLPH COYLE, Jr.,  
DAVID A. BURR.