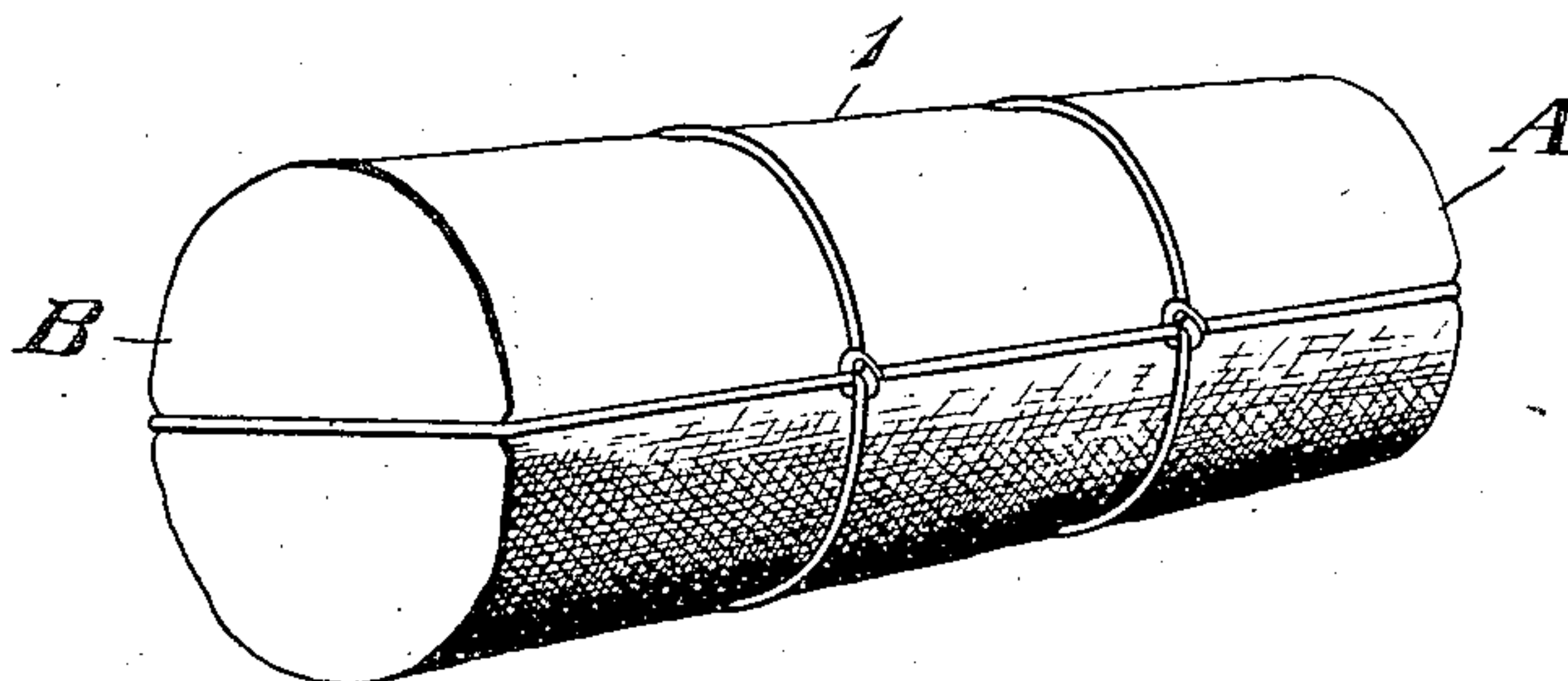


No. 892,757.

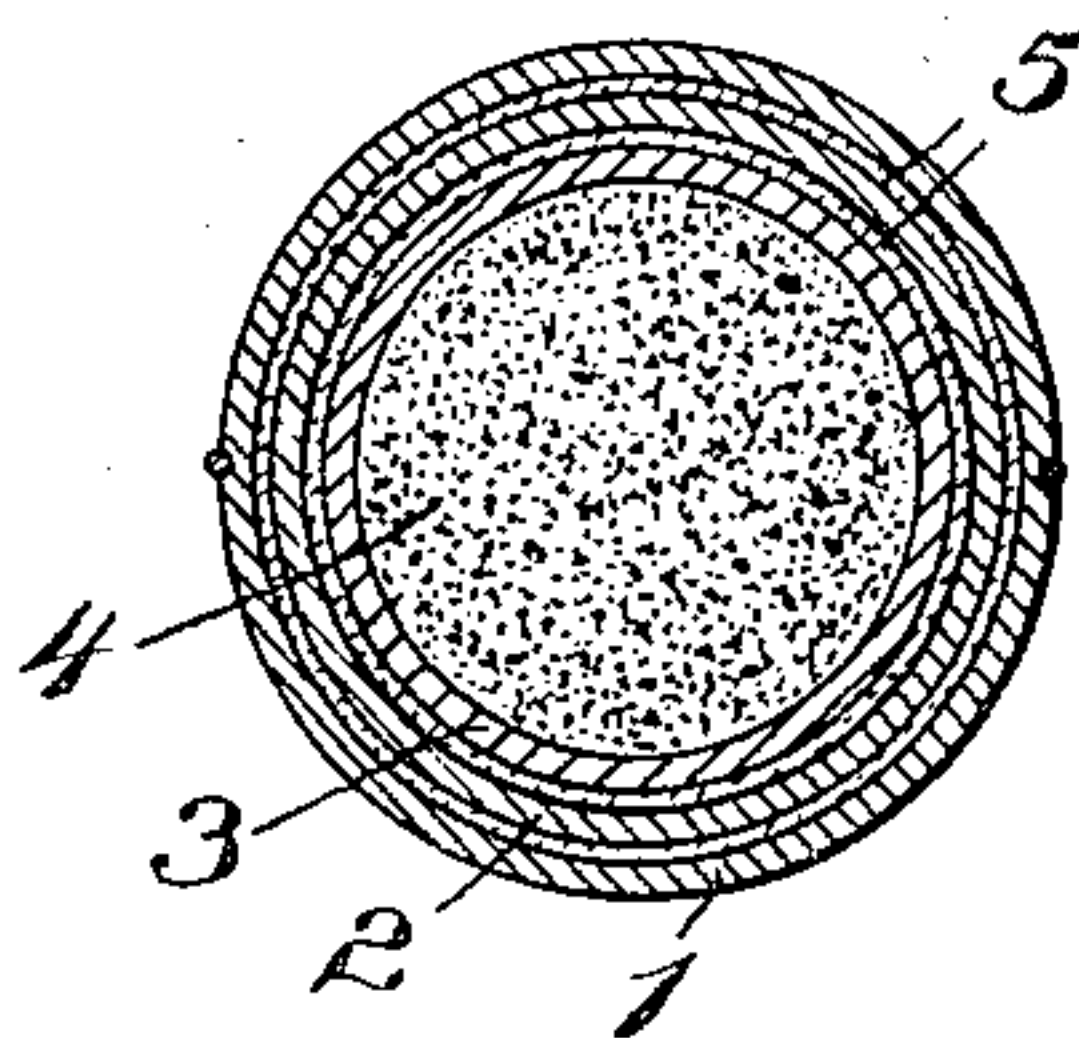
PATENTED JULY 7, 1908.

F. C. MOSIER.  
SAFETY COVER FOR CARTRIDGES.  
APPLICATION FILED OCT. 3, 1907.

*Fig. 1.*



*Fig. 2.*



Witnesses

*J. P. Britt*  
*E. C. Duffey*

Inventor

*F. C. Mosier.*

By

*O. E. Duffey & Son*  
Attorneys

# UNITED STATES PATENT OFFICE.

FRANK C. MOSIER, OF PITTSBURGH, PENNSYLVANIA.

## SAFETY-COVER FOR CARTRIDGES.

No. 892,757.

Specification of Letters Patent.

Patented July 7, 1908.

Application filed October 3, 1907. Serial No. 395,752.

*To all whom it may concern:*

Be it known that I, FRANK C. MOSIER, a citizen of the United States, residing at Pittsburgh, in the county of Luzerne and State of Pennsylvania, have invented certain new and useful Improvements in Safety-Covers for Cartridges; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a safety cover for cartridges employed in ordnance of heavy caliber, and has for its object to provide a means for conveying and handling the high explosive powder employed in cartridges in such manner that premature or accidental explosions will be entirely eliminated.

With this object in view my invention consists in the novel construction of the cover, in the arrangement of the materials and in the form of the case.

Referring to the accompanying drawing: Figure 1 is a perspective view showing the safety cover in the form in which it is inserted in the piece, and, Fig. 2 is a vertical cross section taken through the same.

Like numerals of reference indicate the same parts throughout the two figures in which;

1 represents an outer layer or cover of asbestos cloth, 2 an intermediate layer of asbestos paper and 3 an inner layer of gunny cloth, the powder 4 being contained within the cover.

A suitable fire proof adhesive material 5 is arranged between each layer of the cover, or if desired the gunny cloth 3 can be painted with a compound of ground asbestos and a

fire extinguishing chemical mixed with a non-combustible adhesive substance, which paint will render the gunny cloth absolutely fire proof.

As shown in the drawing, the top A of the safety cover is made smaller than the bottom B, this for the reason that upon the explosion of the cartridge it will tend to blow the cover of the cartridge out of the gun.

As shown in Fig. 1 the cartridge is preferably wrapped with suitable copper wire which securely holds the cover in shape and also acts as a cleaner for the gun as this wire is blown out together with the cover.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States, is;

1. A safety cover for cartridges comprising an inner layer of gunny cloth, a layer of asbestos paper and an outer layer of asbestos cloth, said layers being secured together by a suitable non-combustible adhesive material, and a suitable wire for wrapping the cartridge, substantially as described.

2. A safety cover for cartridges comprising an inner layer of gunny cloth, a layer of asbestos paper and an outer layer of asbestos cloth, said layers being secured together by a suitable non-combustible adhesive material, substantially as described.

3. A safety cover for cartridges comprising a layer of gunny cloth coated with a non-combustible adhesive material, the top of said cover being of smaller diameter than the bottom, substantially as described.

In testimony whereof, I affix my signature, in presence of two witnesses.

FRANK C. MOSIER.

Witnesses:

JOHN W. CODDING,  
J. C. INGRAM.