

No. 864,621.

PATENTED AUG. 27, 1907.

C. N. DILATUSH.
CARTRIDGE.

APPLICATION FILED JAN. 5, 1907.

Fig. 1.

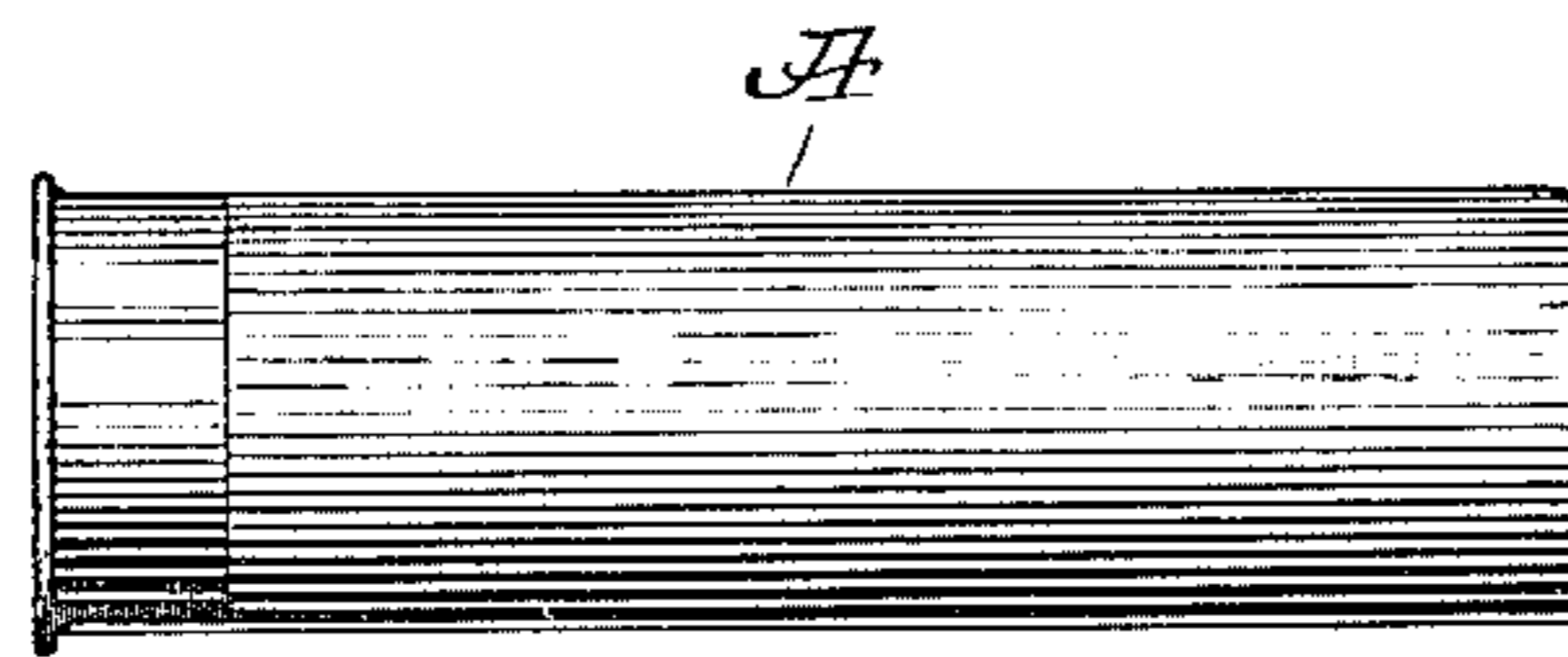
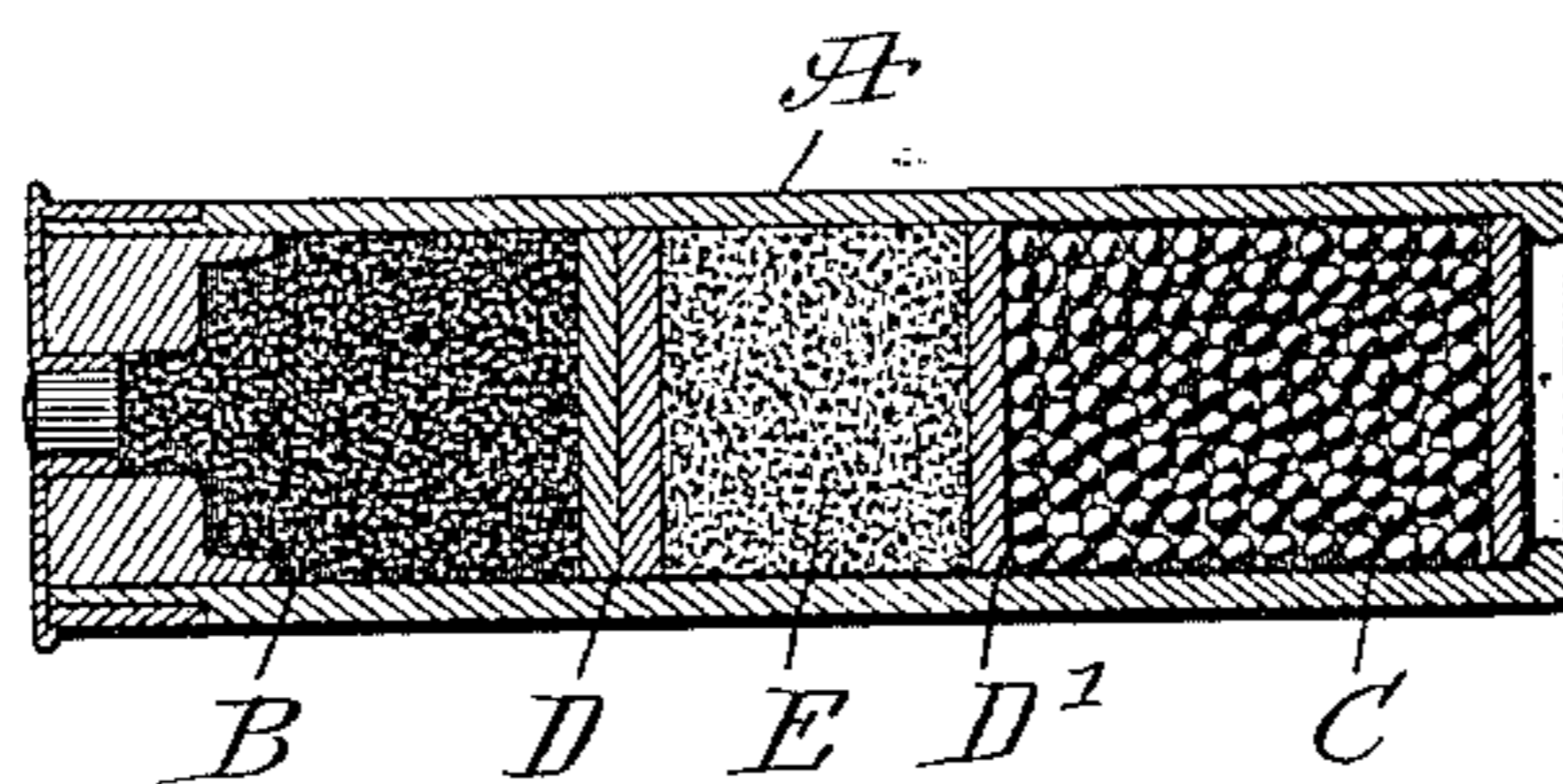


Fig. 2.



WITNESSES

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CARTRIDGE.

No. 864,621.

Specification of Letters Patent.

Patented Aug. 27, 1907.

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To all whom it may concern:

Be it known that I, CHARLES N. DILATUSH, a citizen of the United States, and a resident of Hagerman, in the county of Lincoln and State of Idaho, have invented
5 a new and Improved Cartridge, of which the following is a full, clear, and exact description.

The invention relates to ammunition, and its object is to provide a new and improved cartridge which is simple and durable in construction, cheap to manufac-
10 ture, and arranged to increase the penetrating power and carrying capacity of the cartridge.

The invention consists of novel features and parts and combinations of the same, which will be more fully described hereinafter and then pointed out in the
15 claims.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of refer-
20 ence indicate corresponding parts in both the views.

Figure 1 is a side elevation of the improvement, and Fig. 2 is a longitudinal sectional view of the same.

The casing or shell A of the cartridge is made of paper, metal or other suitable material in the usual manner, and in one end of the casing is arranged the usual pro-
25 pelling charge B of powder or like material, and in the other end of the casing is arranged a projectile charge C, such as shot and the like. The two charges B and C are held spaced apart by a separator formed of wads D and D' and a loose filling material E interposed be-
30 tween the wads D and D', as plainly illustrated in Fig. 2.

The wads D and D' fit against the inner ends of the charges B and C and are preferably made of card board, and the filling material E is preferably saw dust compactly filled into the space between the spaced
35 wads D and D'. Each of the wads D and D' may be made of a single card board disk or of two or more such disks, if desired.

Now by the arrangement described the cartridge can

be very cheaply manufactured as the card board wads D and D' as well as the filling material E are of com- 40 paratively low value, and by using a loose filling material between the wads it is evident that a gas-tight joint is formed for the powder charge, to increase the propelling and penetrating power of the cartridge.

It is understood that by using a loose filling material 45 between the wads the slightest crevices on the side of the shell or casing A are completely filled, and hence a tight joint is produced.

Having thus described my invention, I claim as new and desire to secure by Letters Patent: 50

1. A cartridge comprising a casing, a projectile charge, a propelling charge, and a separator interposed between the said charges and consisting of spaced wads, and loose filling material between the wads.

2. A cartridge comprising a casing, a powder charge in 55 one end of the casing, a shot charge in the other end of the casing, wads at the adjacent ends of the said charges, and a loose filling material between the said wads.

3. A cartridge comprising a casing, a powder charge in one end of the casing, a shot charge in the other end of 60 the casing, wads adjacent to the inner ends of the said charges and spaced apart, and sawdust filling the space between the said wads.

4. A cartridge comprising a casing, a powder charge in one end of the casing, a shot charge in the other end of the 65 casing, card board wads fitting the casing and arranged at the inner ends of the said charges, the wads being spaced apart, and saw dust compactly filling the space between the said card board wads.

5. A cartridge, comprising the shell, a propelling charge 70 in one end of the shell, a projectile charge in the other end of said shell, said charges being spaced apart from each other at their adjacent ends by wads, and a filling material between the wads.

In testimony whereof I have signed my name to this 75 specification in the presence of two subscribing witnesses.

CHARLES N. DILATUSH.

Witnesses:

W. VAN JONES,
E. L. BOYER.