No. 847,833. PATENTED MAR. 19, 1907.

G. SCHWARZ.

AMMUNITION BOX.

APPLICATION FILED MAR. 26, 1906.

Fig. 1.

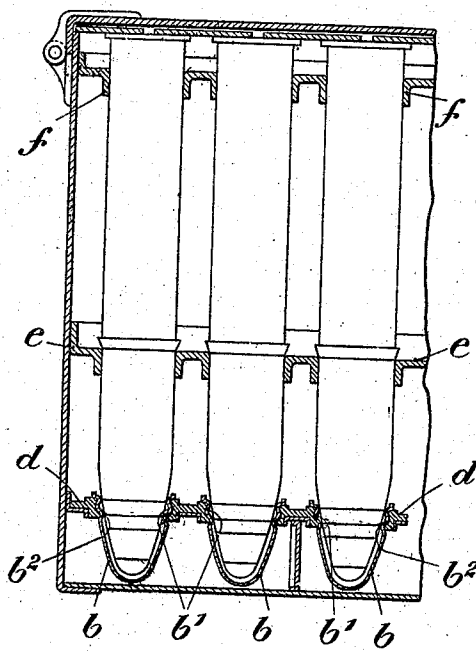


Fig. 3.

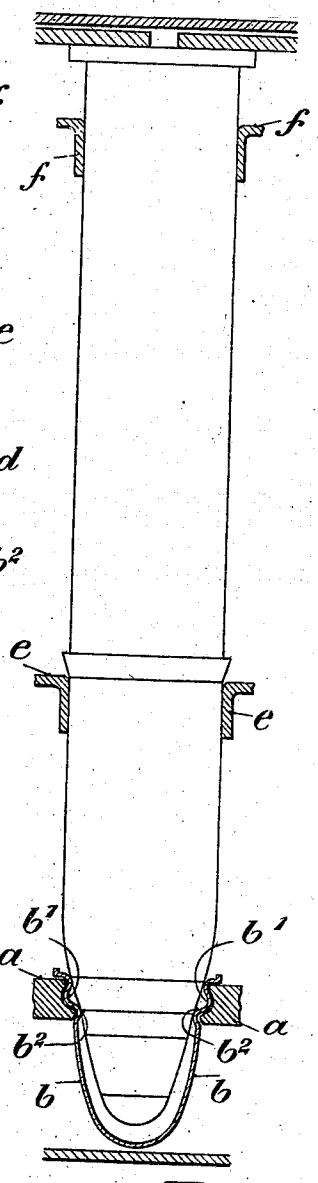
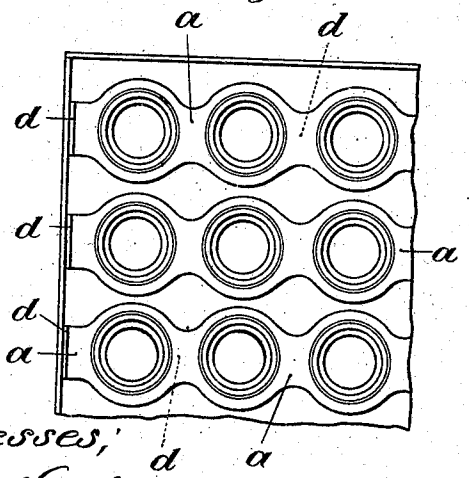


Fig. 2.



Witnesses,

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UNITED STATES PATENT OFFICE.

GEORG SCHWARZ, OF EISENACH, GERMANY.

AMMUNITION-BOX.

No. 847,833. Specification of Letters Patent. Patented March 19, 1907.

Application filed March 26, 1906. Serial No. 308,141.

To all whom it may concern:

Be it known that I, GEORG SCHWARZ, manager, a subject of the King of Würtemberg, residing at Eisenach, Grand Duchy of Saxe-Weimar-Eisenach, Germany, have invented certain new and useful Improvements in Ammunition-Boxes, of which the following is a specification.

This invention relates to improvements in ammunition-boxes.

The ammunition-box according to this invention is characterized by each projectile in the same being surrounded at the top by a primer-protecting cap mounted in elastic plates and detachably connected to the same, so that the protecting-cap holds the projectile elastically during transport and protects the primer of the projectile against dust.

In order to prevent dust from getting to the primer of the projectile, hitherto, as is well known, special primer-protecting caps were used, which were soldered at their circumference to the primer at the point of the projectile, or the primer-protecting caps surrounded the primer only to such an extent that they rendered possible the adjustment of the primer. In both cases the primer-protecting cap was incapable of being used further after separation from the projectile or after the latter had been fired. Owing to the primer-protecting cap forming, according to this invention, an elastic support-ring for the projectile and at the same time remaining connected to an elastic plate resting on an intermediate bottom, the projectile is protected against dust and is mounted in an elastic manner—that is to say, it is supported so that it can yield both in the longitudinal direction and laterally, and therefore also in such manner that the primer-protecting cap does not get lost, but is retained for further use for mounting and securing the projectile.

An ammunition-box according to this invention is illustrated in the accompanying drawing, in which—

Figure 1 shows it in longitudinal section; Fig. 2, in plan; and Fig. 3 shows, on an enlarged scale, the mounting of the projectile at its point.

The primer-protecting cap *b* is provided at its top end with widened portion or beading *b'* and reduced portion b^2. It rests by means of these on an elastic plate *a*, made, say, of rubber, and resting on or connected to an intermediate body *d* of the ammunition-box. The elastic plate *a* holds the primer-protecting cap *b* fast and at the same time in a flexible manner. In this way the primer-protecting cap is held against any shocks acting longitudinally of the projectile, and owing to the elasticity of the material of the plate *a* it can move in any desired direction laterally, so that the projectile inserted into the cap and provided with end primer is mounted and supported in an elastic manner against shocks in the direction of the projectile-point and is able to make lateral movements under the influence of lateral shocks. The primer-protecting cap insures the projectile inserted into it against dust penetrating into the primer portions. The racks or intermediate parts *e f* insure the keeping in position of the projectile and of the cartridge attached. As the ignition-protecting cap is mounted in the elastic plate by means of beads *b'* and reduced portions b^2, owing to the natural elasticity of the latter it is kept back when the projectile is removed, but by making use of greater pull the cap can be taken out, cleaned of dust, and then again inserted into the elastic plate.

What I claim is—

An ammunition-box comprising a cup-shaped cap having spaced annular ribs forming an intermediate increased portion for receiving and entirely covering the top primer of the projectile, an elastic plate for supporting the cap to allow vertical and lateral movement of the projectile, and means for holding the plate in position in the box.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORG SCHWARZ.

Witnesses:

WILLY OPPERMANN,

ERNST GREGORIUS.