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PATENTED SEPT. 5, 1905.

M. R. POOLE & A. J. BARTLETT.

FIRE EXTINGUISHER.

APPLICATION FILED AUG. 1, 1903.

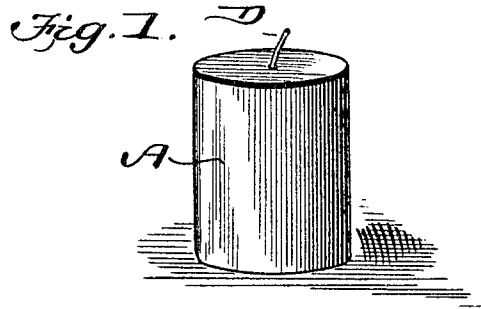


Fig. 2.

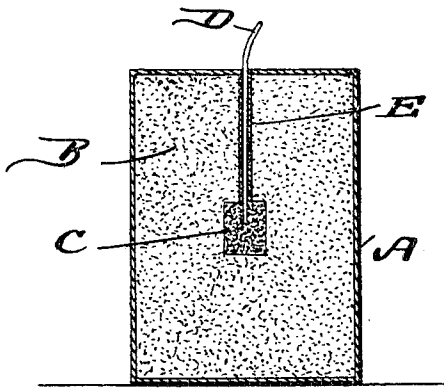


Fig. 3.

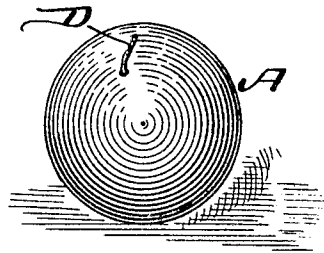
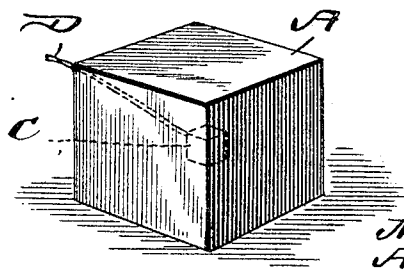


Fig 4



Witnesses

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UNITED STATES PATENT OFFICE.

MOSES R. POOLE, OF COVINA, AND ALPHEUS J. BARTLETT, OF POMONA,
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FIRE-EXTINGUISHER.

No. 798,623.

Specification of Letters Patent.

Patented Sep. 5, 1905.

Application filed August 1, 1903. Serial No. 167,902.

To all whom it may concern:

Be it known that we, MOSES R. POOLE, residing at Covina, and ALPHEUS J. BARTLETT, residing at Pomona, in the county of Los Angeles and State of California, citizens of the United States, have invented a new and useful Fire-Extinguisher, of which the following is a specification.

This invention is an improved fire-extinguisher of the hand-grenade type, the object being to provide a simple and efficient construction of fire-extinguisher in which a dry powder is used instead of the liquid ordinarily employed in hand-grenades. Dry powders have been employed as a fire-extinguisher; but the said powder has been thrown or sprinkled by hand, and this is not always possible, and we have therefore devised a dry-powder hand-grenade containing an explosive charge which when exploded will forcibly scatter the fire-extinguisher composition.

The invention consists, therefore, essentially of a carton or package containing a fire-extinguishing compound, an explosive charge being located in the fire-extinguishing compound and provided with a fuse leading to the exterior of the carton or package.

In the drawings forming part of this specification, Figure 1 is a perspective view of a fire-extinguisher constructed in accordance with our invention. Fig. 2 is a vertical sectional view of the same. Figs. 3 and 4 are perspective views illustrating different forms of extinguishers.

In carrying out our invention we employ a carton or package A, which may be of pasteboard or any other suitable material, and packed tightly therein is the powdered fire-extinguishing composition. An explosive charge C is located centrally of the composition B and has a fuse D leading therefrom to the exterior of the carton or package A, said carton or package A being securely sealed to prevent escape of the composition B. In

practice we prefer to surround the fuse with- 45
in the carton in a protecting-sheath E, so
that the composition B will not extinguish
the fuse before it reaches the explosive charge.

In operation the grenade is thrown into the 50
fire to be extinguished and the fuse will im-
mediately become ignited, the charge ex-
ploded, and the force of this explosion will
be sufficient to burst the carton or package
and scatter the fire-extinguishing composi- 55
tion, and thereby extinguish the fire. If de-
sired, the fuse may be lighted before the gre-
nade is thrown, and this would be the surer
method, as it is possible that if the grenade
were thrown without the fuse being lighted 60
the fire might burn for some time before the
fuse were reached.

It will thus be seen that we provide an ex-
ceedingly cheap, simple, and efficient con-
struction of fire-extinguisher employing a dry 65
powder as the extinguishing compound, the
advantages of the dry powder over the liquid
being that by forcibly scattering the powder
a greater area can be protected.

Having thus fully described our invention,
what we claim as new, and desire to secure by 70
Letters Patent, is—

A device of the kind described comprising
a carton of a flexible material, a sheath ar-
ranged in the carton and opening through the 75
top of the same and downwardly in the cen-
tral portion of the carton, a dry fire-extin-
guishing compound within the carton and
packed around the sheath, an unconfined ex-
plosive charge arranged at the lower end of
the sheath and within the extinguishing com- 80
pound, and a fuse extending from the explo-
sive compound through the sheath and pro-
jecting through the top of the carton.

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Witnesses:

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ISAAC N. HUGHEY.