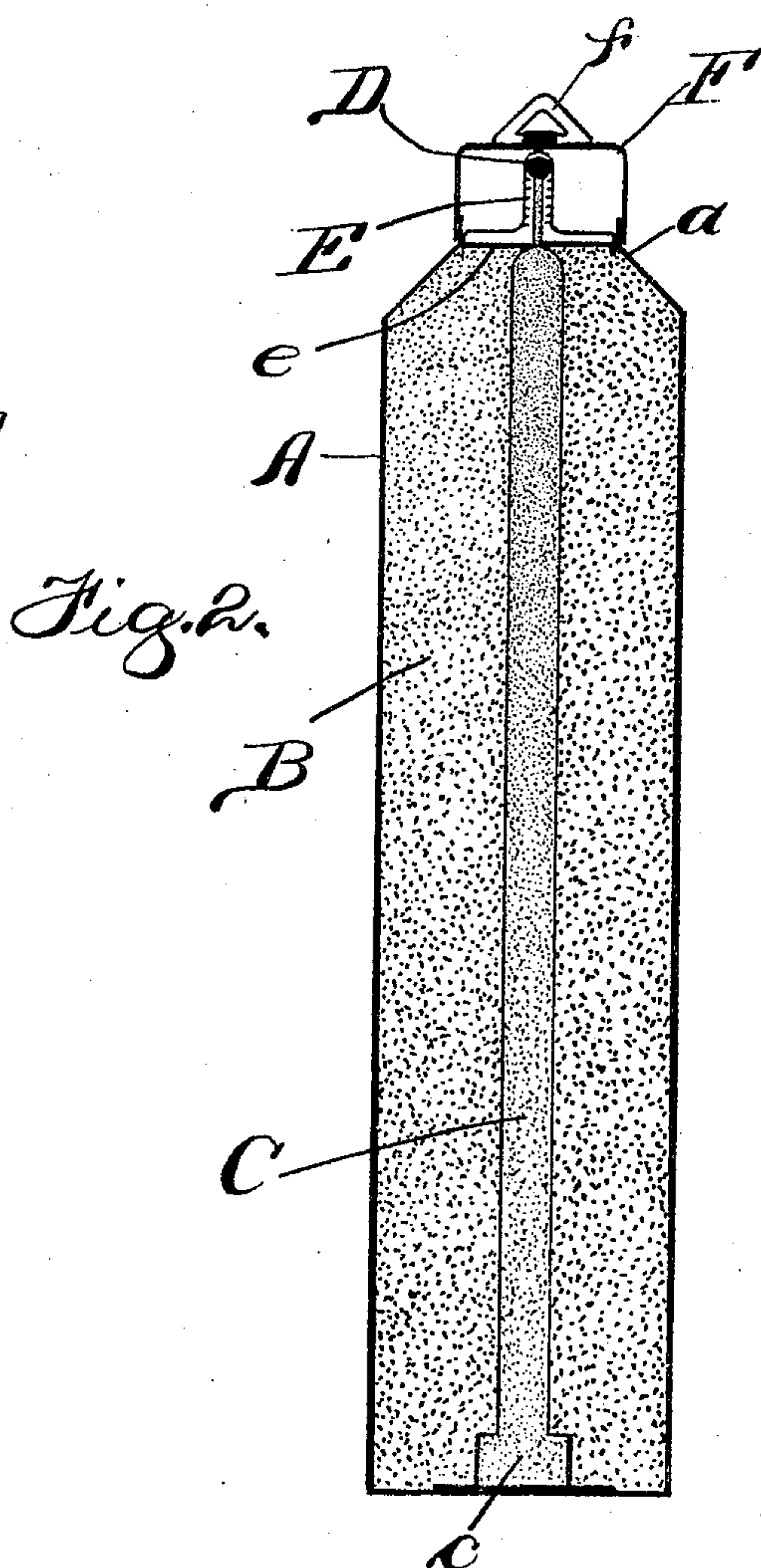
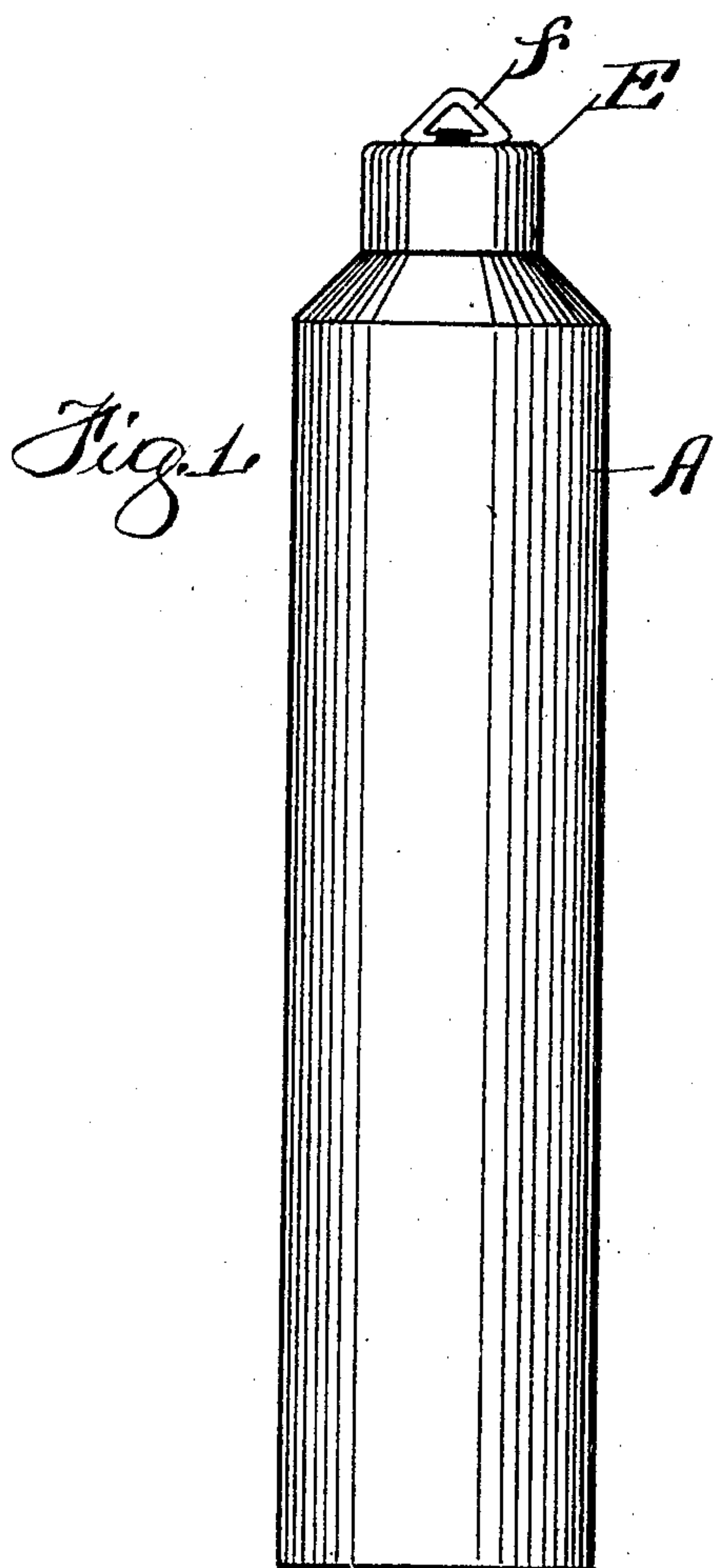


No. 798,142.

PATENTED AUG. 29, 1905.

H. A. MYERS.
FIRE EXTINGUISHER.
APPLICATION FILED OCT. 19, 1904.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HUBERT A. MYERS, OF GOSHEN, INDIANA.

FIRE-EXTINGUISHER.

No. 798,142.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Application filed October 19, 1904. Serial No. 229,111.

To all whom it may concern:

Be it known that I, HUBERT A. MYERS, a citizen of the United States of America, and a resident of Goshen, Elkhart county, Indiana, have invented a certain new and useful Improvement in Fire-Extinguishers, of which the following is a specification.

In this application I have described and claimed certain improvements on the construction described and claimed broadly in my prior application, No. 222,007, filed by me in the United States Patent Office on the 24th day of August, 1904.

My present invention contemplates a fire-extinguisher containing a dry fire-extinguishing powder and provided also with gunpowder or other suitable explosive, the arrangement being such that the charge of gunpowder or other explosive when ignited blows the extinguishing-powder from the end of the tube in a steady stream—that is to say, the herein described and claimed feature of improvement over my said prior application consists in a continuous or practically-continuous discharge of the fire-extinguishing powder in a loose or unconfined condition, the contents of the tube or other receptacle being discharged from the end or discharge-opening thereof in a steady or uninterrupted stream as distinguished from the spasmodic or intermittent discharge disclosed in my said prior application.

My invention also contemplates certain details and features of improvement tending to increase the general efficiency and serviceability of a fire-extinguisher of this particular character.

In the accompanying drawings, Figure 1 is a side elevation of a fire-extinguisher embodying the principles of my invention. Fig. 2 is a vertical or longitudinal section of the same.

As thus illustrated, my improved hand fire-extinguisher comprises a tube A of any suitable material provided with a reduced end portion or nozzle *a*. The said tube is filled with dry fire-extinguishing powder B and is provided centrally with a longitudinal-extending charge of gunpowder C. The said charge of gunpowder or other suitable explosive terminates at its lower end in an enlargement *c* and at its upper end in a friction or match head D. A spring E, secured

to an inner cap or cover *e*, is provided with prongs adapted to engage the said friction or match head. An outer cap F, provided with a ring or handle *f*, is adapted to fit upon the end or nozzle of the tube.

The method of using a hand fire-extinguisher of the foregoing character is as follows: The cap F is removed and the extinguisher then carried to the desired point of discharge. After this the cap *e* is removed, thereby causing the spring E to set off the friction-head D. When this is done, the ignition of the gunpowder then operates to blow the fire-extinguishing powder out of the end of the tube in a steady stream. When the final portion or enlargement C of the charge is exploded, the remainder of the extinguishing-powder is then forced out of the end of the tube.

With a construction of this character the charge of dry fire-extinguishing powder can be discharged from the end or nozzle of the tube in a steady stream of considerable length.

What I claim as my invention is—

1. A fire-extinguisher comprising a tube filled with dry fire-extinguishing powder, means for blowing said extinguishing-powder out of the tube, said means including a centrally and longitudinally arranged charge of gunpowder extending from one end to the other of said tube.

2. A fire-extinguisher comprising a tube containing dry fire-extinguishing powder, said tube being provided with a discharge end or nozzle, means for blowing said powder out of the tube in a steady stream, said means including a charge of explosive extending continuously and longitudinally through the said tube.

3. A fire-extinguisher comprising a tube provided with a discharge end or nozzle, suitable fire-extinguishing material contained in said tube, a charge of suitable explosive extending within the tube from one end to the other, and means for igniting the outer end of said charge of explosive, whereby said extinguishing material is blown from the tube in a steady stream.

4. A fire-extinguisher comprising a tube containing dry fire-extinguishing powder, a centrally-arranged charge of explosive extending from the bottom of the tube to its upper end, said charge of explosive being sur-

rounded by the fire-extinguishing powder, a friction-head for the upper end of said charge of explosive, a device for igniting said friction-head, and a cap fitted upon the end of the
5 tube and covering said friction-head.

5. A fire-extinguisher comprising a receptacle containing suitable fire-extinguishing material, and also containing fluid-pressure

means adapted for discharging the entire contents of the receptacle in a steady stream. 10

Signed by me at Goshen, Elkhart county, Indiana, this 12th day of October, 1904.

HUBERT A. MYERS.

Witnesses:

CHAS. A. WEHMEYER,
DORA BURNS.