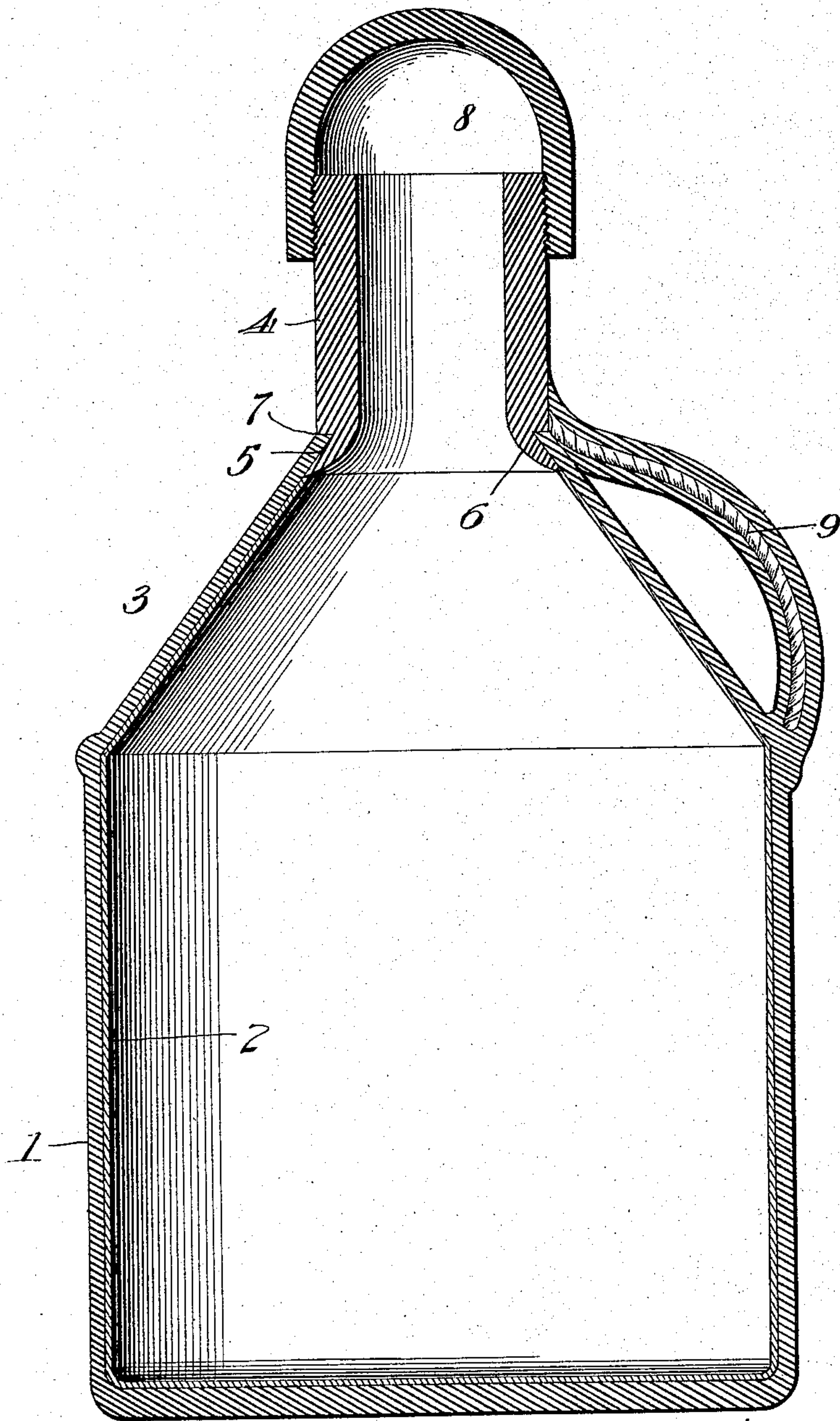


S. B. SMOOT.
POWDER FLASK.
APPLICATION FILED MAR. 27, 1915.

1,166,862.

Patented Jan. 4, 1916.



Inventor

S. B. Smoot

Witnesses

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UNITED STATES PATENT OFFICE.

SAMUEL B. SMOOT, OF DIMMOCK, WEST VIRGINIA, ASSIGNOR OF ONE-HALF TO W. E. DEEGANS, OF MOUNT HOPE, WEST VIRGINIA.

POWDER-FLASK.

1,166,862.

Specification of Letters Patent.

Patented Jan. 4, 1916.

Application filed March 27, 1915. Serial No. 17,396.

To all whom it may concern:

Be it known that I, SAMUEL B. SMOOT, a citizen of the United States, residing at Dimmock, in the county of Fayette and the State of West Virginia, have invented a new and useful Improvement in Powder-Flasks, of which the following is a specification.

This invention relates to a flask for holding powder especially adapted for the use of miners, the object being to avoid the use of any metal or any substance in connection with the flask which would act as a conductor of electricity.

The device is essentially in the nature of a safety device for use in mines and tunnels.

The invention consists in the novel features of construction hereinafter described, pointed out in the claim and shown in the accompanying drawing, in which I have shown a vertical section through the flask.

The flask consists of a flexible body portion 1 of soft rubber provided with an interior lining of gummed cloth 2. This body portion is contracted as indicated at 3 in its upper portion and to the contracted portion is vulcanized, cemented or otherwise secured a hard rubber neck 4, the neck having an annular recess 5 adjacent its lower end, and on its exterior, forming a reduced flange which fits into the upper portion 3 of the body 1. To prevent grains of powder from

catching on the lower end of said flange it is rounded on the inner side as at 6. The formation of the flange by means of the recess 5 leaves an exterior annular shoulder 7 against which the contracted neck portion of the body 1 bears. The hard rubber neck 4 is exteriorly threaded adjacent its upper end and over this threads a hard rubber cap 8. A handle is formed of a strong cord 9 suitably cemented at one end to the body portion 1 and at the other to the neck 4 at point of union with the contracted portion 3, the cord being covered with rubber 9, or other suitable waterproofing composition.

What I claim is:

A powder flask consisting of a flexible rubber body portion having a contracted upper portion, a hard rubber neck, exteriorly reduced at its lower end and rounded at the lower end on the interior, thereby forming a flange adapted to enter and be secured to the contracted portion of the body, a gum cloth lining for said body portion, a rubber cap threading on the neck, and a waterproofed cord handle secured respectively to the neck and body portion.

SAMUEL B. SMOOT.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."