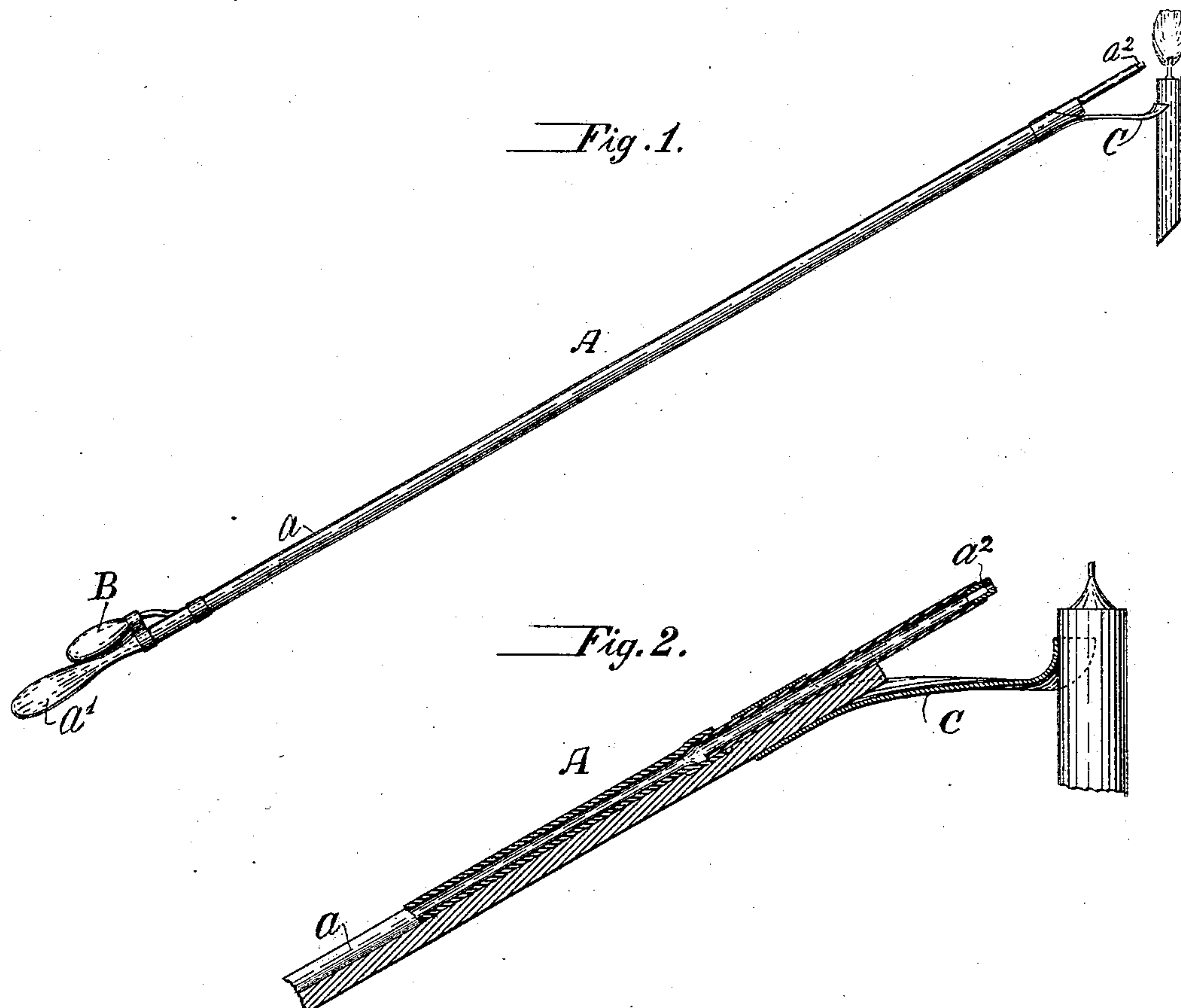


(No Model.)

J. BOYLE.
CANDLE EXTINGUISHER.

No. 529,107.

Patented Nov. 13, 1894.



WITNESSES:
William M. Duff
Walter Smith.

INVENTOR
James Boyle
BY Edmund T. Brown.
his ATTORNEY

UNITED STATES PATENT OFFICE.

JAMES BOYLE, OF WARE, MASSACHUSETTS.

CANDLE-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 529,107, dated November 13, 1894.

Application filed October 19, 1893. Serial No. 488,567. (No model.)

to all whom it may concern:

Be it known that I, JAMES BOYLE, of Ware, county of Hampshire, and State of Massachusetts, have invented a new and useful Improvement in Candle-Extinguishers, of which the following is a specification.

The object of my improvement is to provide a simple, cheap and efficient extinguisher for candles, located in elevated or distant places, as, for instance, at or near the altar of a church.

I will describe a candle extinguisher embodying my improvement, and then point out the novel features in a claim.

15 In the accompanying drawings Figure 1 is a side view of a candle extinguisher embodying my improvement. Fig. 2 is a sectional side view of a portion of the same.

Similar letters of reference designate corresponding parts in both figures.

A designates a rod or pole, which may be made of wood or other material, in one piece, or of several pieces joined together. It is provided with a grooved or tubular portion 25 a , capable of either constituting or accommodating a conduit for air. If provided with a tubular portion, it may constitute a conduit, but if only grooved, it may serve merely to accommodate a conduit, consisting of a 30 straight tube of metal, rubber or other material. At one end, this pole or rod is provided with a handle a' , and at the other with an extinguisher a^2 . Near the handle end, the pole or rod is provided with a pump B, which may 35 be made in the form of a rubber ball, for forcing air through the air conduit. The extinguisher a^2 may be made of metal or lava, such as is used for gas burner tips. Its orifice will be suitably shaped, to project the air into the

candle flame. For instance, it may be a simple slit. Near the extinguisher end, the pole or rod is provided with a rest or steadiment C, which may consist of a fork of metal or other suitable material, properly shaped to bear against the candle, at the proper point to 45 maintain the extinguisher orifice in proper relation to the tip of the candle.

By my improvement, I produce a simple, cheap and efficient extinguisher for candles, which is superior to one made in the form of 50 a snuffer, because it is less apt to injure the candles, and, moreover, it will not take from the candles any of the melted wax or other material, snuffers being particularly liable to this action, which almost invariably results 55 in conducting the melted material on to surrounding objects to their injury.

Besides the cleanliness which may be attained, by the use of my improvement, it may be operated more expeditiously than the ordinary snuffer. 60

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of a pole or rod provided with an air duct, of an extinguisher communicating with the air duct and provided with 65 an orifice for projecting the air upon the candle, and a rest arranged upon the pole or rod near the extinguisher end for bearing against a candle, substantially as specified. 70

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

JAMES BOYLE.

Witnesses:

CHARLES W. EDDY,
WM. C. EATON.