

(No Model.)

C. M. MARTIN.
FIRE EXTINGUISHER.

No. 246,899.

Patented Sept. 13, 1881.

Fig. 1.

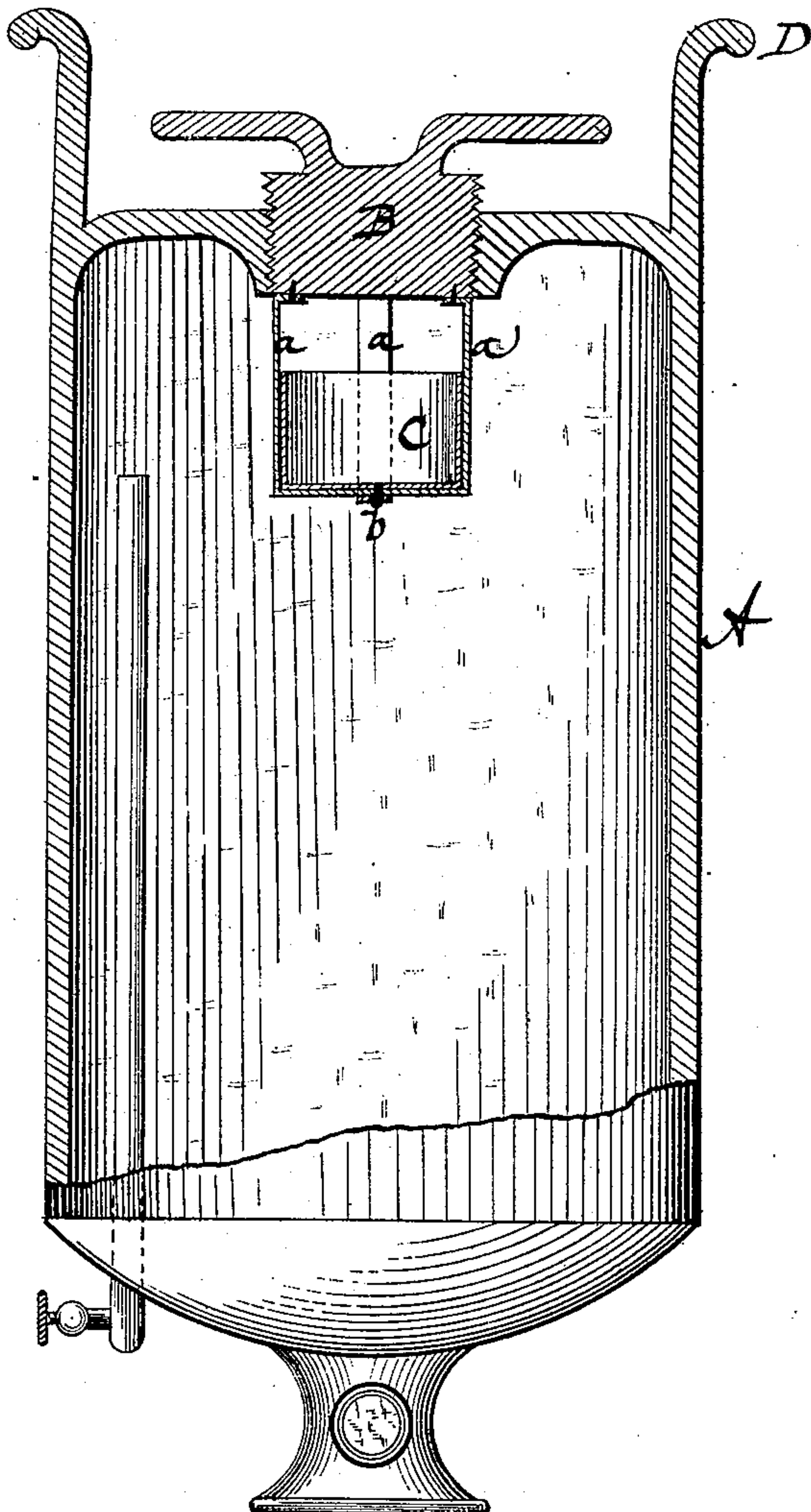
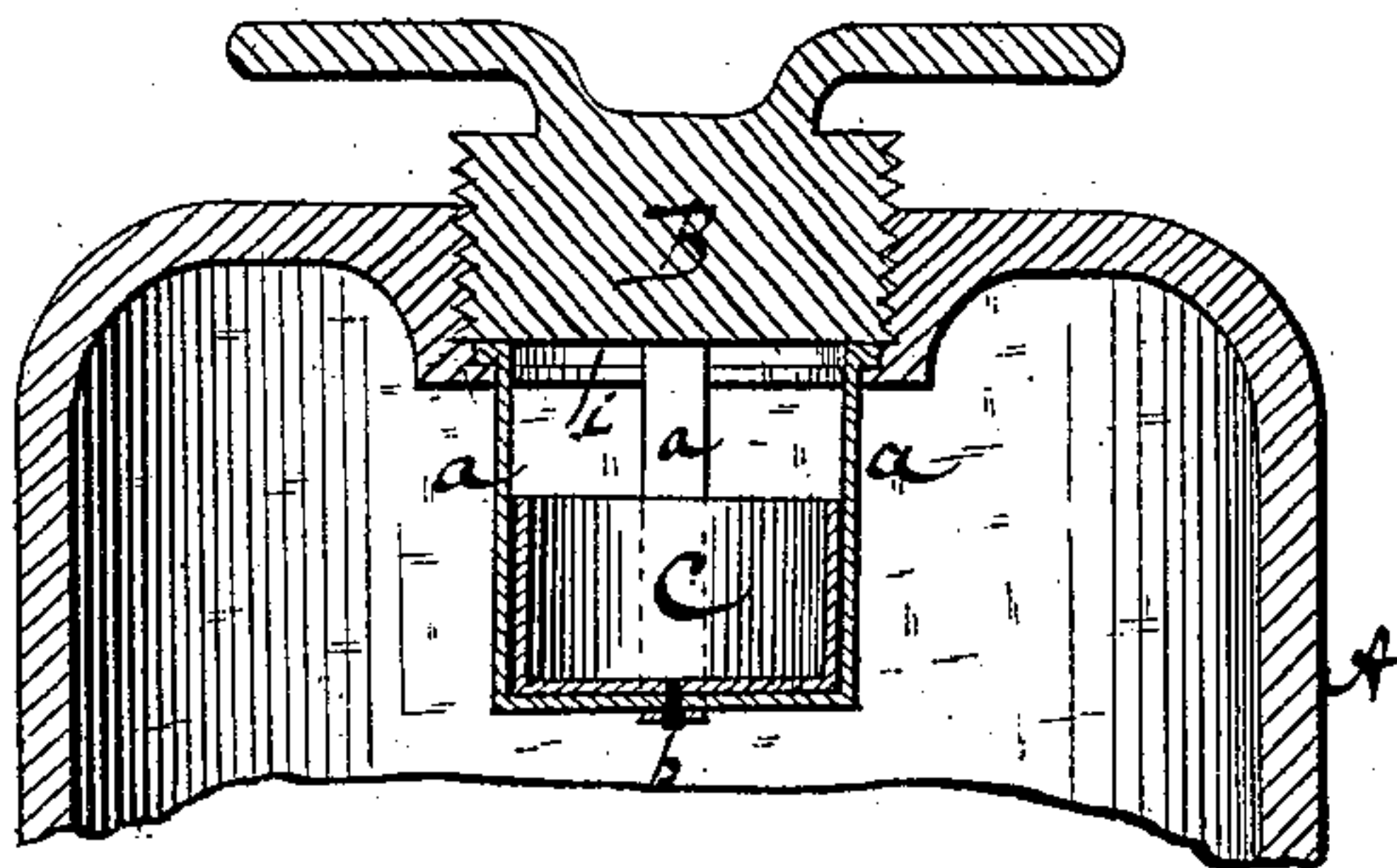


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE.

CHARLES M. MARTIN, OF NEW YORK, N. Y., ASSIGNOR TO THE WASHINGTON
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FIRE-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 246,899, dated September 13, 1881.

Application filed February 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHAS. M. MARTIN, of the city and State of New York, have invented certain Improvements in Fire-Extinguishers; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 shows one means of applying my invention. Fig. 2 is a modification of the same.

The object of my invention is to provide a cheap and ready means for mixing the chemicals in a portable fire-extinguisher in which dry chemicals are used; and my invention consists in supporting a can or canister containing one of the chemical reagents by means of straps or loops made of sheet metal or other suitable material attached to the plug which closes the charging-opening or attached to a collar or rim surrounding the charging-opening, whereby, when the extinguisher is reversed end for end in its elevation, the chemical reagent will run out of the canister and mix with the solution in the extinguisher.

The construction hereinafter described is designed for extinguishers wherein dry chemicals are thrown into a solution contained in the body of the extinguisher, in contradistinction to the throwing of liquid chemicals into a solution to produce gases for extinguishing fires.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is the shell of the extinguisher, and B the plug for closing the charg-

ing-opening. Depending from the plug, and fastened thereto by their ends, are two strips, *a a*, which cross each other at right angles at *b*, forming a hanger or stirrup, to which is secured by a rivet a chemical-holding open-mouth vessel, C. The dry chemicals are placed in vessel C, and when the extinguisher is placed on its base D they fall into the solution in the body of the extinguisher.

Fig. 2 illustrates a modification of my device, showing the strips *a a* attached to a collar, *i*, set into a recess in the charging-opening, the plug being screwed down against the said collar.

I am aware that in fire-extinguishers a great variety of removable vessels unconnected with the hangers, and provided with various kinds of crushing and unstopping devices have been used, and hence I make no broad claim to a hanger for supporting the chemical-containing vessel, or for any chemical-containing vessel *per se*; but I am not aware that heretofore a removable hanger has been combined with an open-mouth vessel permanently fixed to it; hence,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a portable fire-extinguisher, a removable hanger composed of the strips *a a*, in combination with an open-mouth vessel permanently fixed thereto to contain dry chemicals, as described.

CHAS. M. MARTIN.

Witnesses:

R. K. EVANS,
JNO. L. CONDRON.