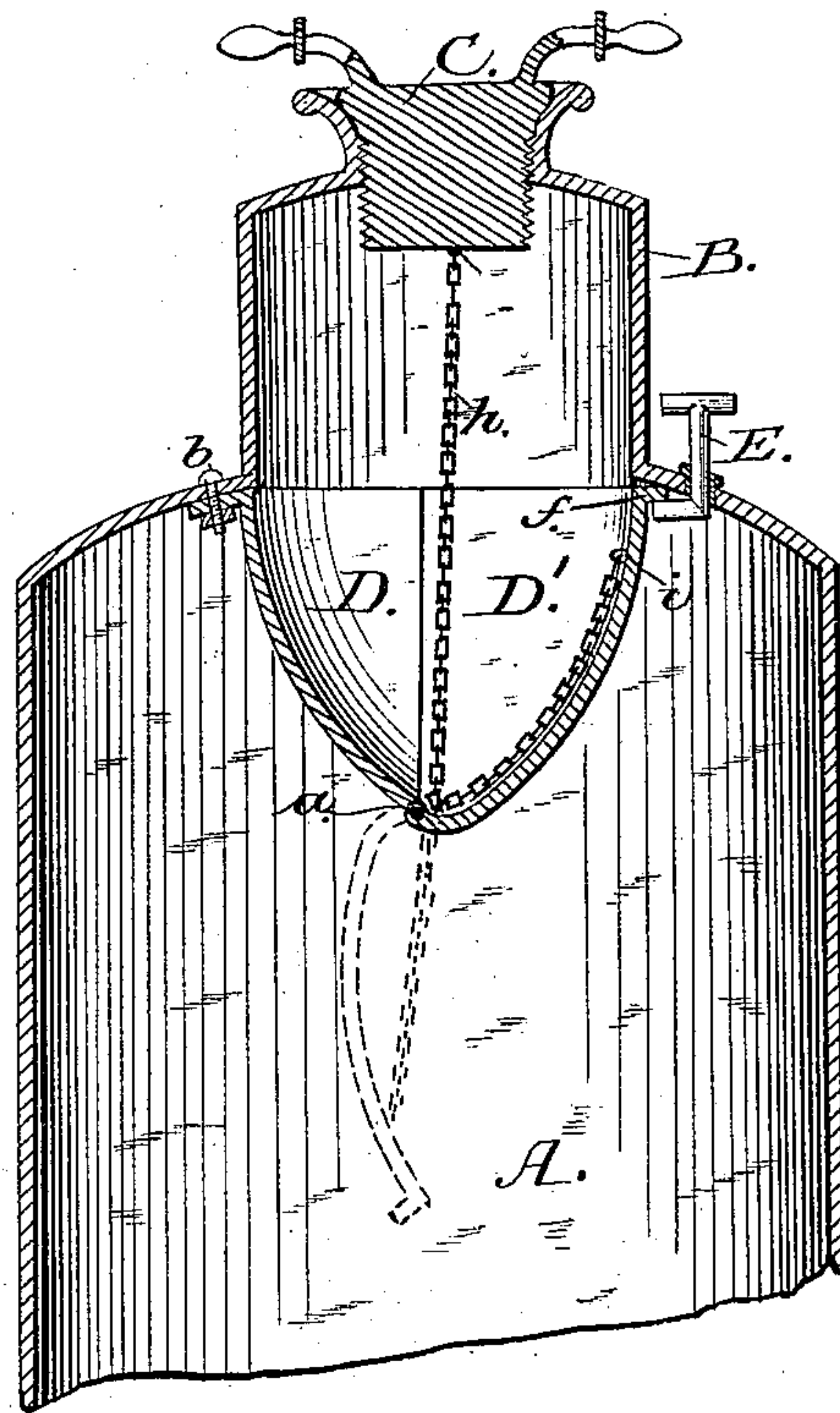


(No Model.)

C. M. MARTIN.  
FIRE EXTINGUISHER.

No. 246,896.

Patented Sept. 13, 1881.



*Attest;*

*J. Walter Fowler,*  
*R. K. Evans*

*Inventor;*

*Chas. M. Martin*  
*by A. H. Evans & Co*  
*attys.*

# UNITED STATES PATENT OFFICE.

CHARLES M. MARTIN, OF NEW YORK, N. Y., ASSIGNOR TO THE WASHINGTON FIRE EXTINGUISHER MANUFACTURING COMPANY, OF WASHINGTON, DISTRICT OF COLUMBIA.

## FIRE-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 246,896, dated September 13, 1881.

Application filed February 19, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES 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 drawing, making part of this specification, in which the figure represents an extinguisher, partially in vertical section, with my improvement applied.

My invention relates to the interior chemical-holding vessel of the extinguisher, and is especially adapted to the large "stationary tanks" and the tanks of village engines.

The object of my invention is to provide a means which will with certainty deliver chemicals into the body of the tank when it is desired and avoid the chemicals adhering to the sides of the interior vessel.

My invention consists in a conical-shaped vessel, divided vertically and hinged at the apex of the cone, arranged beneath the dome of the tank, and one of its halves bolted to the top of the tank and the other controlled by a catch passing through the head of the tank and a chain attaching it to the charging-plug.

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 drawing, A is the tank, B its dome, and C the charging-plug.

Within the tank, and beneath the dome, I ar-

range a conical-shaped vessel made in two parts, D and D', hinged together at *a*. The part D is permanently fastened to the top of the tank by bolts *b*. The part D' moves freely on hinge *a*, and when its flange *f* is against the top of the tank a catch, E, which passes through a stuffing-box in the top of the tank, is turned beneath it and sustains it in position.

The chemicals are inserted by removing plug C, and when it is desired to precipitate them into the body of the tank the catch E is turned from beneath the flange *f*, and the part D' drops down, as shown in the dotted lines, allowing the chemicals to escape. A chain, *h*, fastened at one end to plug C by a gimbal-fastening and at the other end to the piece D' at *i*, serves to draw up the part D into a position proper for recharging. The shape of the vessel formed by the pieces D and D' is such that the chemicals will not adhere to its sides and fail of discharge into the body of the tank.

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

A tank, A, dome B, and plug C, in combination with the conical vessel provided with a loose portion, D', hinged at *a*, catch E, and chain *h*, substantially as described, and for the purpose set forth.

CHAS. M. MARTIN.

Witnesses:

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