C. W. TALCOTT.
Fire-Extinguishers.

No. 196,055. Patented Oct. 9, 1877.

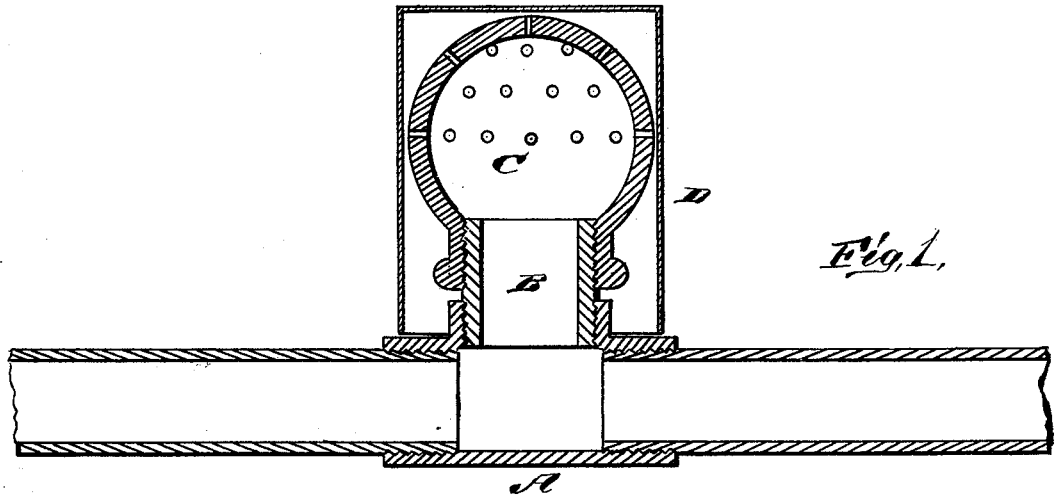

Fig. 1.

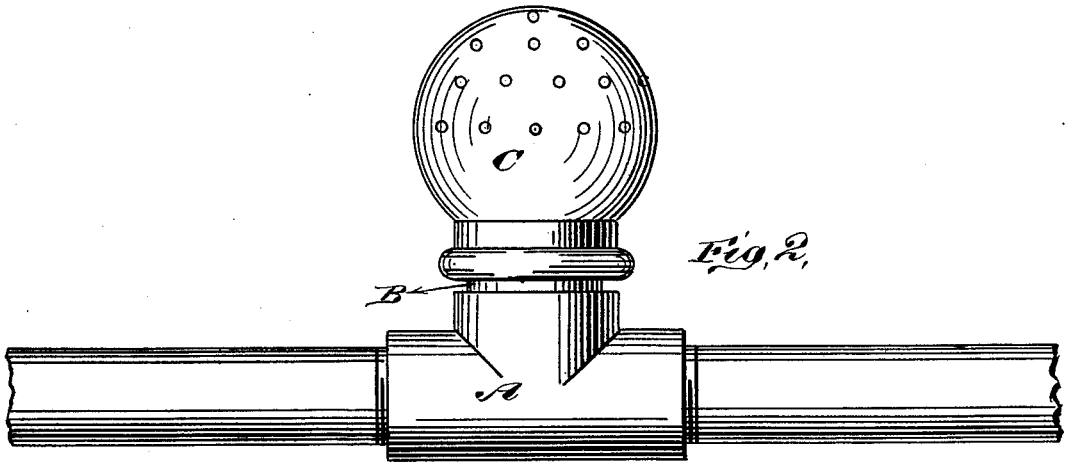

Fig. 2.

WITNESSES
E. H. Bates.
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CHARLES W. TALCOTT, OF WOONSOCKET, RHODE ISLAND.

IMPROVEMENT IN FIRE-EXTINGUISHERS.

Specification forming part of Letters Patent No. **196,055**, dated October 9, 1877; application filed August 25, 1877.

To all whom it may concern:

Be it known that I, CHARLES W. TALCOTT, of Woonsocket, in the county of Providence and State of Rhode Island, have invented a new and valuable Improvement in Fire-Extinguishers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal vertical sectional view of my fire-extinguisher, and Fig. 2 is a side view of the same.

The nature of my invention relates to that class of fire-extinguishers in which a series of water-pipes, provided at intervals with couplings, are carried through the various rooms of a factory or other similar building, the water, in case of fire, being conducted from the water in the main, through a branch pipe or pipes provided with valves, to the water-pipes in the building; and it consists in providing said water-pipes with a series of upright roses, covered with loose caps to prevent the ingress of dust and other matter into the perforations therein, which caps are readily forced off the roses by the pressure of the water when turned on in case of fire, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a T-shaped coupling for water-pipes arranged for fire-extinguishers in a factory or other building, such coupling being arranged with its center arm pointing upward. Into this center arm of the coupling A is screwed a nipple, B, and on the end of this nipple is screwed a rose, C, made of spherical form, of brass, and finely perforated. The rose C thus stands in an upright position, and a tin cap, D, is placed over the same to keep dust and dirt out of it.

As soon as the water is let on through the water-pipes the cap is instantly blown off, and the rose comes in play without having to wait for the heat in the room to melt solder, as is the case where the cap is held on by solder or other material.

The roses C are to be placed in any convenient positions in the building, and throw the water in all directions, except downward.

They are made of brass, and hence will not corrode, and when covered with the loose tin cap D they will not be filled with dust and dirt, so as to fill up the holes. It can easily be removed for cleaning out any sediment left by the water.

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

In that class of fire-extinguishers used in factories and other similar buildings, which are provided with water-pipes having roses, the caps D, loosely covering the roses C, without any fastening devices, to exclude dust, and easily removable by the pressure of the water alone, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES W. TALCOTT.

Witnesses:

GEORGE A. WILBUR,

N. ELLIOTT.