

Z. N. MORRELL.
Fire-Extinguisher for Lint-Rooms.

No. 204,840.

Patented June 11, 1878.

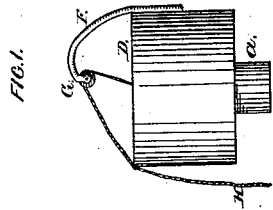
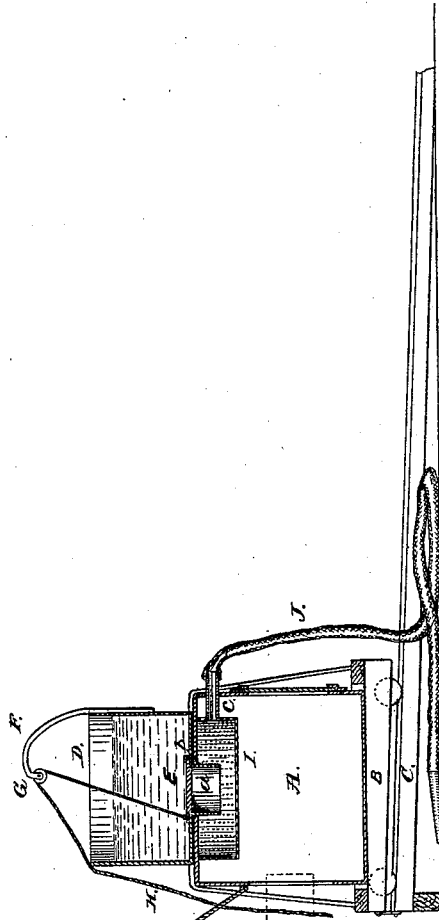


FIG. 2.



WITNESSES:

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ZACHARIAH N. MORRELL, OF LULING, TEXAS.

IMPROVEMENT IN FIRE-EXTINGUISHERS FOR LINT-ROOMS.

Specification forming part of Letters Patent No. 204,840, dated June 11, 1878; application filed May 6, 1878.

To all whom it may concern:

Be it known that I, ZACHARIAH N. MORRELL, of Luling, in the county of Caldwell and State of Texas, have invented a new and Improved Fire-Extinguisher for Lint-Rooms; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a detached view of the tank. Fig. 2 is a vertical section of the lint-room and tank.

The object of my invention is to furnish an improvement on Patent No. 202,283, granted April 9, 1878, by providing the lint-room with a fire-extinguisher which shall always be convenient and ready for use in case of fire.

It consists of a tank provided with a valve in its bottom, placed on the roof of a lint-room, and connected by a pipe, through a hole in the roof, to a perforated tank or sprinkler secured to the ceiling.

It furthermore consists in providing the perforated tank or sprinkler with a short pipe to which a hose can be attached.

In the drawing, the dotted lines represent a gin-house, with a pipe leading from the gin to the lint-room A, mounted on the truck B, which runs on the inclined track C. D is a large tank placed on the roof of the lint-room A. This tank can be filled with water by any convenient means. E is a valve in the bottom of the tank D. F is a curved bar attached to the side of the tank, and provided with the

pulley G. H is a rope attached to the valve E, and passed over the pulley G. *a* is a pipe leading from the tank D, through the hole *b* in the roof, to the perforated tank or sprinkler I, which is secured to the ceiling of the lint-room. This pipe is closed by the valve D. *c* is a small pipe, provided with a valve, leading from the perforated tank or sprinkler I through the lint-room to the outside of the same. To this pipe the hose J is attached.

The operation is as follows: The alarm of fire being given, the valve in the bottom of the tank is opened by pulling the rope, and the water allowed to flow into the perforated tank or sprinkler and drench the contents of the room, thereby extinguishing the fire. In the meantime, if the fire has spread beyond the room to the gins, the hose can now be used in extinguishing it by opening the valve in the small pipe to which the hose is attached.

This device is applicable to buildings in general.

Having thus described my invention, what I claim as new is—

1. The combination of the lint-room A, tank D, valve E, curved bar F, pulley G, and rope H, substantially as described.

2. The combination of the lint-room A, tank D, sprinkler I, pipe *c*, and hose J, substantially as described.

ZACHARIAH N. MORRELL.

Witnesses:

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