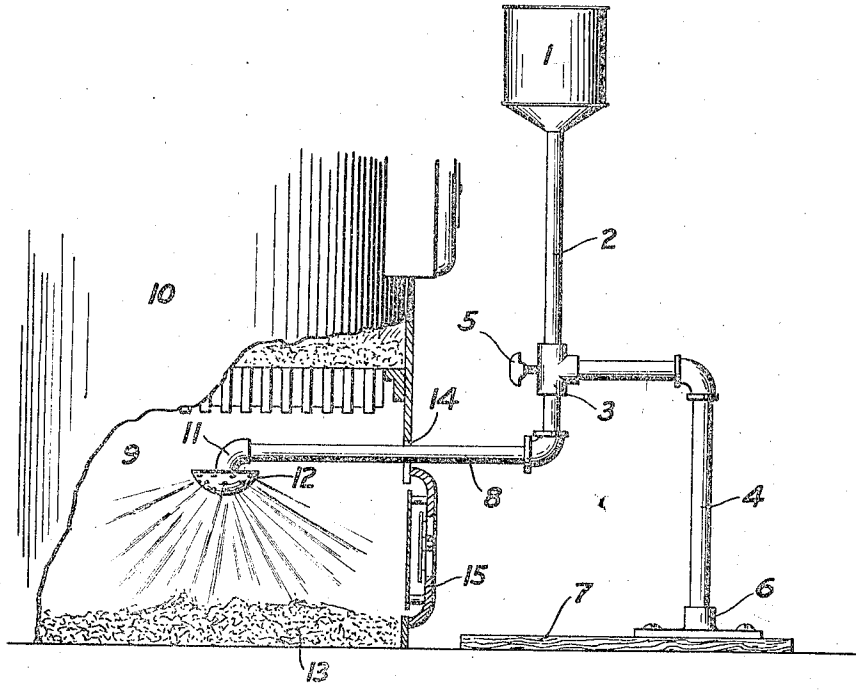
B. BLOCK.

ASH SPRINKLER.

APPLICATION FILED MAY 21, 1908.

945,152. Patented Jan. 4, 1910.



WITNESSES:

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UNITED STATES PATENT OFFICE.

BERTHOLD BLOCK, OF ROCHESTER, NEW YORK.

ASH-SPRINKLER.

945,152. Specification of Letters Patent. Patented Jan. 4, 1910.

Application filed May 21, 1908. Serial No. 434,138.

To all whom it may concern:

Be it known that I, BERTHOLD BLOCK, a citizen of the United States, and resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Ash-Sprinklers, of which the following is a specification.

This invention relates to ash sprinklers, and consists in the construction and combination of parts herein described and claimed.

The drawing shows the sprinkler in elevation, applied to a furnace, part of the latter being broken away to exhibit the operation of the device.

A tank or funnel 1 is mounted on the upper end of a pipe 2, and forms a reservoir for water. The pipe 2 is slidable vertically within a sleeve 3 that is part of a standard 4. In the sleeve 3 is a setscrew 5, whereby the pipe 2 may be fixed at any desired position. The standard 4 may comprise a piece of pipe that is screwed into an ordinary floor-socket 6. The latter may be screwed, as shown, upon a board 7 adapted to rest on the floor.

Connected to the lower end of the pipe 2 is a pipe 8, of a suitable length to extend to the center of an ashpit 9 when the standard 4 is placed just outside a furnace 10. On the end of the pipe 8 opposite to the pipe 2 is a down-turned elbow 11 that carries a perforated head 12. Said head in the drawing is shown as hemispherical in shape.

To operate the device, the desired quantity of water is poured into the tank 1, and it immediately flows down through the pipes 2 and 8 into the perforated head 12. As the perforations in the latter are comparatively restricted, the pressure of the water due to the height of the pipe 2 sends a series of fine streams, as indicated, to every part of the ashpit floor, and thoroughly wetting down the ashes 13 lying therein. The ashes are thus rendered dustless.

The pipe 8 may be extended through the ashpit door opening, or, as shown herewith, a notch or slit 14 may be cut in the furnace to receive it, and the door 15 may be closed while the device is in operation.

What I claim is:

In an ash sprinkler, a water reservoir, a pipe extending downwardly therefrom and then substantially horizontal and having a perforated distributing head adapted to pass through an ash pit door, a movable standard having a sleeve surrounding the vertical portion of said pipe, means for fixing the vertical pipe at any desired position in said sleeve for different doors, and a movable base supporting the said sprinkler, whereby the perforated head may be inserted into the ashpit of a furnace or the device as a whole may be moved away from the furnace.

BERTHOLD BLOCK.

Witnesses:
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