

(No Model.)

G. W. TAYLOR & A. R. COX.

FIRE EXTINGUISHER.

No. 275,731.

Patented Apr. 10, 1883.

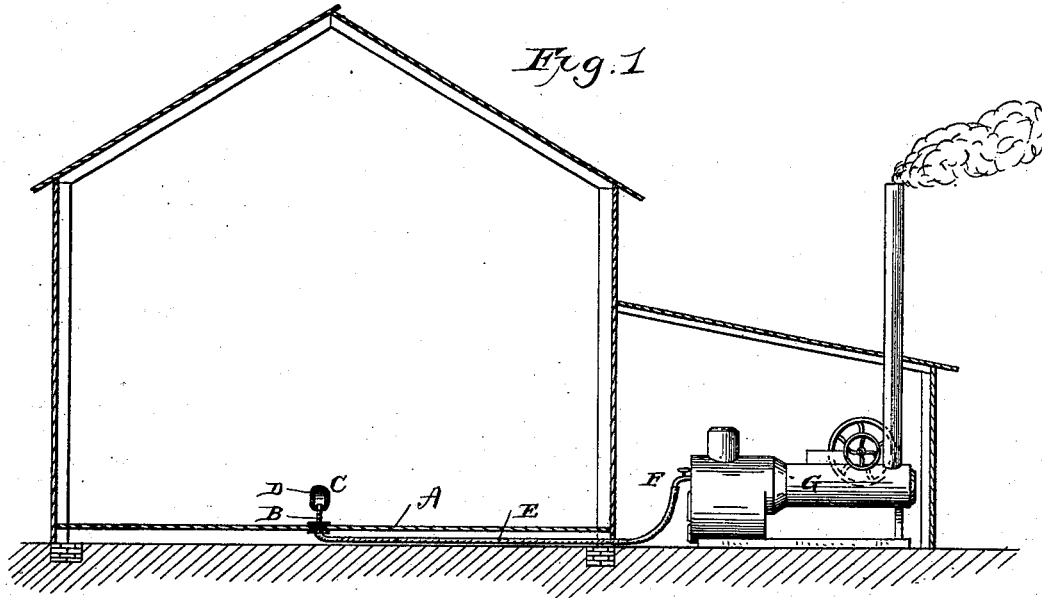


Fig. 2.

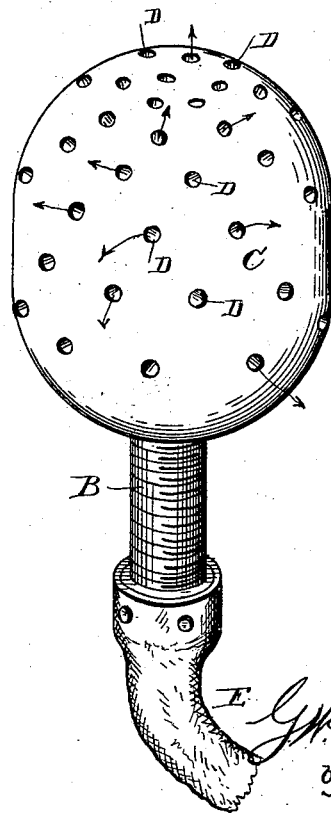
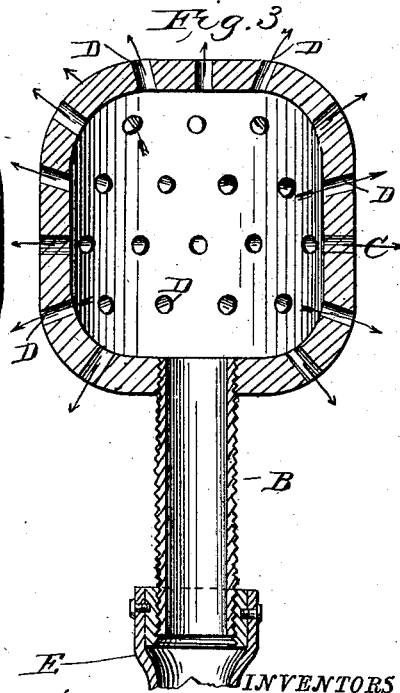


Fig. 3.



WITNESSES
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UNITED STATES PATENT OFFICE.

GEORGE W. TAYLOR AND ABNER R. COX, OF BELTON, SOUTH CAROLINA.

FIRE-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 275,731, dated April 10, 1883.

Application filed January 13, 1883. (No model.)

To all whom it may concern:

Be it known that we, GEORGE W. TAYLOR and ABNER R. COX, citizens of the United States, residing at Belton, in the county of Anderson and State of South Carolina, have invented a new and useful Fire-Extinguisher for Gin-Houses, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to fire-extinguishers, and is especially adapted to application to a gin-house. The invention has for its object to provide a simple, inexpensive, and efficient mechanism by which the water and steam from the boiler of the gin-house engine may be, in case of fire, instantly conveyed to the interior of the house and utilized for extinguishing purposes.

In the drawings, Figure 1 is a transverse sectional view of a gin-house provided with my improved fire-extinguishing apparatus. Fig. 2 is a perspective detail view of the extinguishing attachment to the engine. Fig. 3 is a detail sectional view of the same.

Referring to the drawings, A designates the floor of the gin-house, through which passes a short pipe, B, on the end of which, inside, is screwed a hollow ball, C, having perforations D, opening from the inside to different parts of the exterior surface of the said ball. These perforations are preferably formed radially through the shell of the ball, so that the steam and hot water will be thrown therefrom in all direc-

tions, as hereinafter set forth. To the other end of the pipe B is attached a conducting-pipe, E, that is preferably flexible, and extends to the blow-off cock F of the gin-house engine G. In case of fire, it is only necessary to operate the said cock so that all the steam and hot water in the boiler will be let out into the conducting-pipe E, from which it instantly passes through pipe B into the distributing-ball C, and escapes with great power through the radial perforations therein in all directions, so that the fire is quickly extinguished.

We claim as our invention—

The combination of the screw-threaded pipe B, extending through and projecting above and below an opening in the floor of the gin-house or other structure, the ball C, screwed onto the top projecting end of the said pipe, and provided with perforations D through its shell, and the conducting-pipe E, secured to the bottom projecting end of the pipe under the floor and extending to a blow-off cock on the boiler of the engine, as set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

GEORGE WASHINGTON TAYLOR.
ABNER ROLIN COX.

Witnesses:

JOE. B. MCGEE,
O. E. HORTON,
JOHN W. DANIELS.