B. F. MOODY.

FIRE EXTINGUISHING APPARATUS.

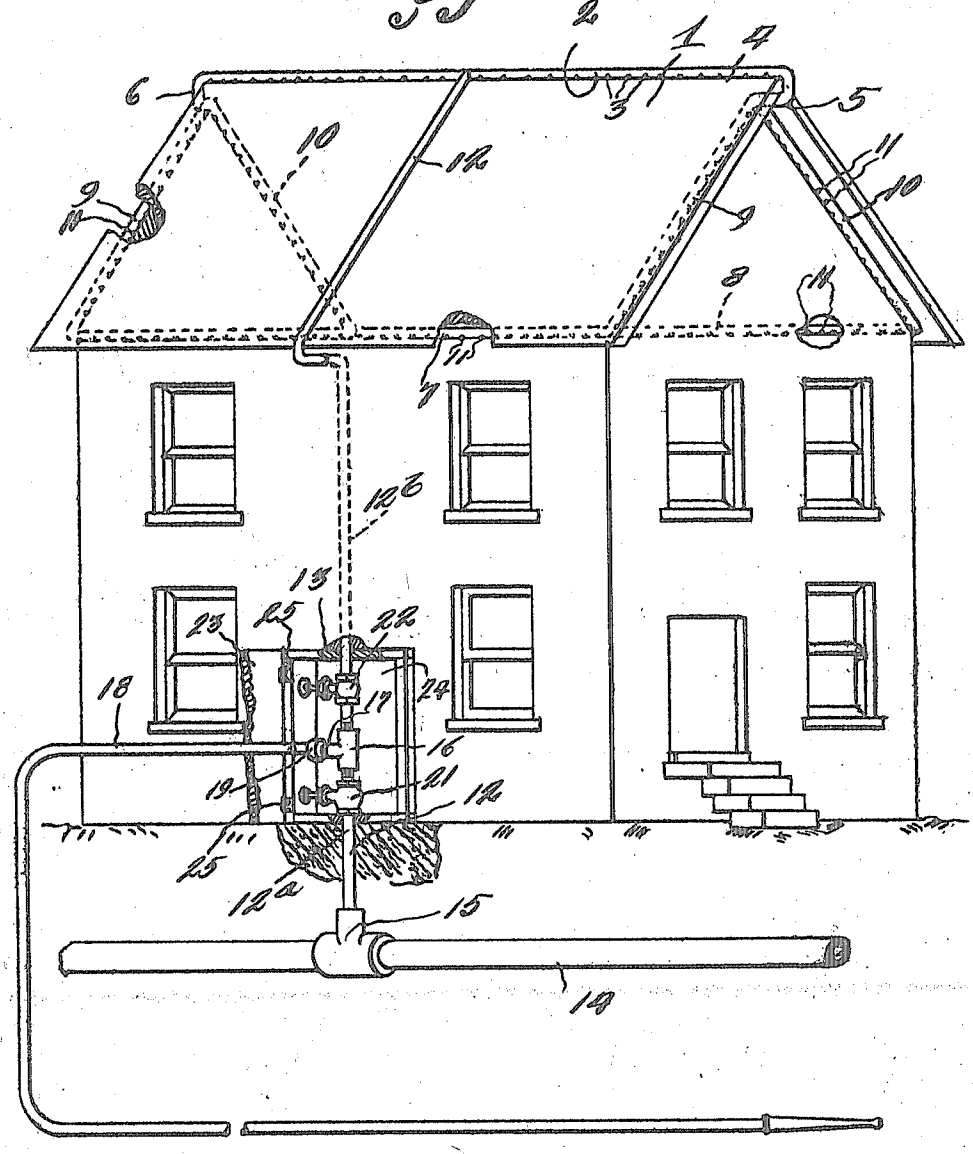
APPLICATION FILED AUG. 17, 1916.

1,208,349.

Patented Dec. 12, 1916.

2 SHEETS—SHEET 1.

Fig. 1.




Witnesses

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2 SHEETS—SHEET 2.

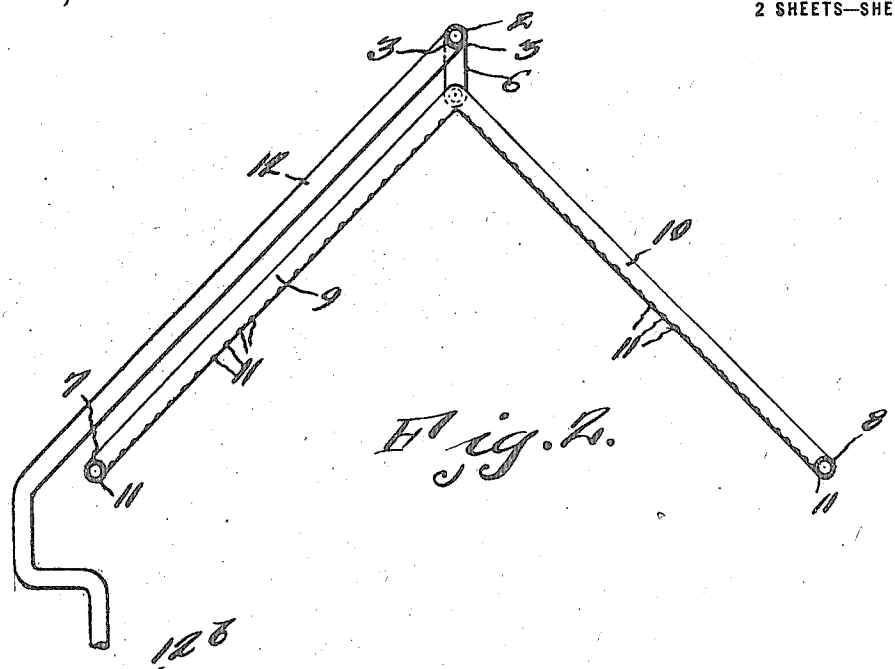
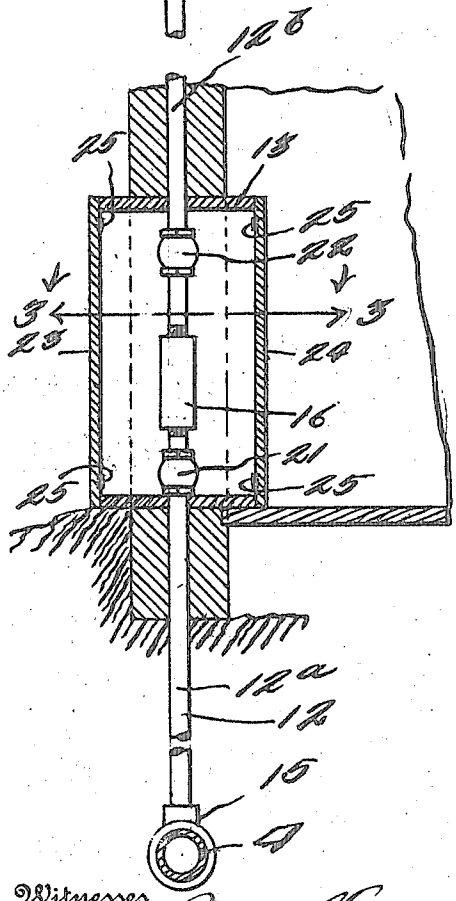



Fig. 2.



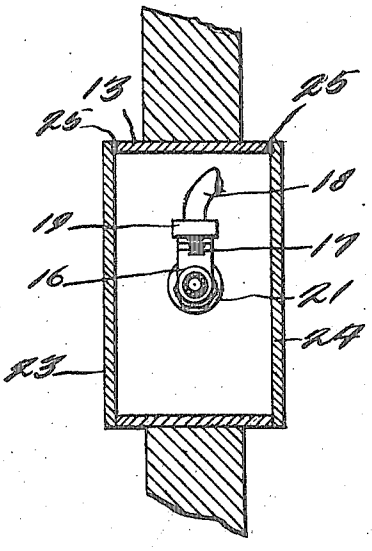




Fig. 3.

Witnesses

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# UNITED STATES PATENT OFFICE.

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## FIRE-EXTINGUISHING APPARATUS.

1,208,349. Specification of Letters Patent. Patented Dec. 12, 1916.

Application filed August 17, 1916. Serial No. 115,428.

*To all whom it may concern:*

Be it known that I, BENJAMIN F. MOODY, a citizen of the United States, residing at Huttig, in the county of Union, State of Arkansas, have invented a new and useful Fire-Extinguishing Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improved fire extinguishing apparatus for buildings.

The greatest destruction of property by fire is caused by the spreading of the fire from one building to another, and it is obvious that should a building be provided with a water distributing system, to flood the roof and the sides of the building, the spreading of a fire from one building to another would be considerably lessened, if not entirely overcome.

Therefore, one of the objects of the present invention is the provision of a system consisting of water distributing pipes and controlling devices, so arranged adjacent the roof of the building, so that the roof, the sides, the rear and the front of the building may be flooded with a continuous sheet of water, or the water directed into the building, thereby preventing the flames of the fire from spreading to adjacent buildings.

A further object of the invention is to provide means whereby the flood of water may be turned on from the interior or the exterior of the building.

In practical fields, the details of construction may necessitate alterations falling within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings, and claimed.

In the drawings, Figure 1 is a perspective view of the building showing the water distributing system as applied thereto, for extinguishing fires. Fig. 2 is a view partly in elevation and partly in section, showing the inclined pipes that are arranged adjacent the roof, and the means for controlling the distribution of the water, whereby the water may be turned on from the exterior or the interior of the building. Fig. 3 is a sectional view on line 3—3 of Fig. 2.

Referring more especially to the drawings, 1 designates the roof of a building, and 2 a pipe or conduit having perforations 3 arranged adjacent the apex 4 of the roof. This pipe or conduit 2 has U-shaped ends 5 and 6, which extend under the eaves of the roof adjacent the apex. Arranged under the eaves of the roof, adjacent the upper portions of the sides of the building are the pipes or conduits 7 and 8, which terminate in the inclined parts 9 and 10, arranged under the inclined eaves of the roof, and have their adjacent upper end connected to the ends of the U-shaped portions 5 and 6. The pipes 7 and 8 and their parts 9 and 10 are provided with perforations 11. Connected to the pipe 2 is a pipe or conduit 12, which extends down on the roof, and embedded in one side of the building, and through a suitable housing or casing or box 13, (which is constructed in the side of the building) and the lower extremity of this pipe 12 is connected to the water main 14 by means of a T union 15, whereby the water from the main may be used to supply the system. The pipe 12 consists of two sections $12^a$ and $12^b$, the adjacent ends of which are threaded into the T union 16, and to the lateral extension 17 of which the usual form of hose 18 may be connected. The section $12^a$ of the pipe 12 has a valve 21, whereby the water may be cut off from the entire system. The section $12^b$ of the pipe 12 is provided with a valve 22, whereby the water may be cut off from the system of piping adjacent the roof of the building, and when the water is so cut off by the valve 22, and the valve 21 is open, the water will pass through the hose 18, which may be used from the exterior or the interior of the building. The hose 18 has a coupling cap 19, which threads to the extension 17. The housing or boxing 13 is provided with exterior and interior doors or closures, which doors or closures 23 and 24 are connected by the hinges 25 to the boxing or housing. When it is desired to use the hose from the exterior, the door 23 may be opened, and the union 16 turned slightly, so that the extension 17 may extend toward the exterior door, whereby the hose may be conveniently attached to the extension. However, should it be desired to use the hose on the interior of the building, the interior door 24 may be thrown open, in which case the union 16 is turned so that

the extension 17 will extend toward the interior, whereby the hose may be conveniently attached thereto.

The invention having been set forth, what is claimed as new and useful, is:—

1. In a fire extinguishing apparatus, the combination of a series of water distributing pipes and a water supply main, of a pipe connecting said distributing pipes and the main, said connecting pipe consisting of two sections, a union having a lateral extension connecting the adjacent ends of said sections, and designed to be given a half turn in one direction or the other, whereby a hose may be conveniently attached to the lateral extension.

2. In a fire extinguishing apparatus for buildings, the combination of a series of water distributing pipes disposed adjacent the eaves of the roof of the building and having a distributing pipe adjacent the top of the roof at its central portion and a pipe connected to the pipe on the top of the building and extending laterally of the roof and downwardly and being embedded in the side of the building, said last named pipe consisting of two sections, of a boxing in the wall of the building having exterior and interior doors, and into which boxing the adjacent ends of said sections extend, a union connecting the adjacent ends of said sections and having a lateral extension, to which a half turn may be imparted, so that the extension will extend toward the exterior or interior doors, whereby a hose may be conveniently attached to the extension, and valves carried by the sections of said last named pipe controlling the water through the system.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BENJAMIN F. MOODY.

Witnesses:

JNO. C. PHILLIPS,

JNO. W. BERSHEN.