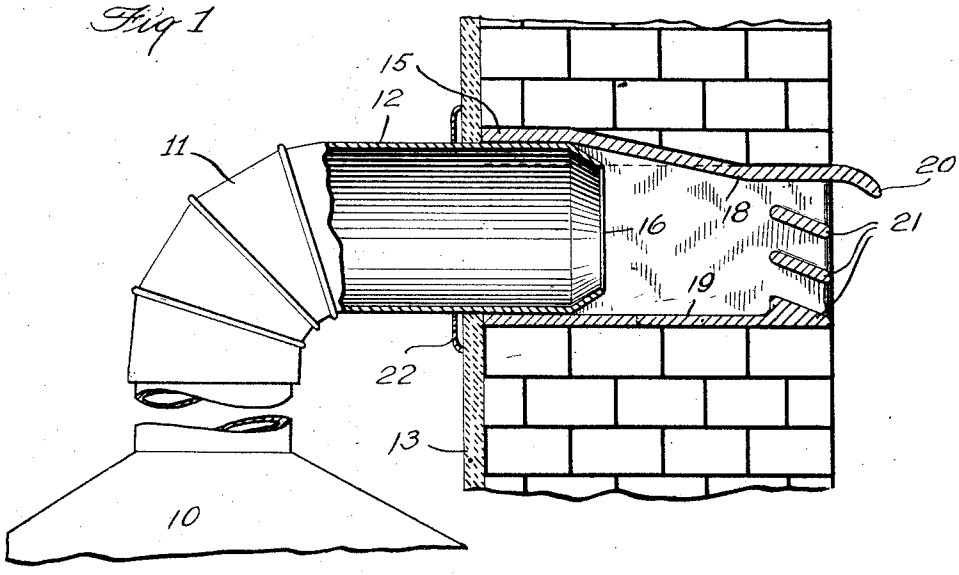
Jan. 5, 1926. 1,568,532

B. RIESNER

HOOD FOR COOKING RANGES

Filed May 31, 1924

Fig. 1



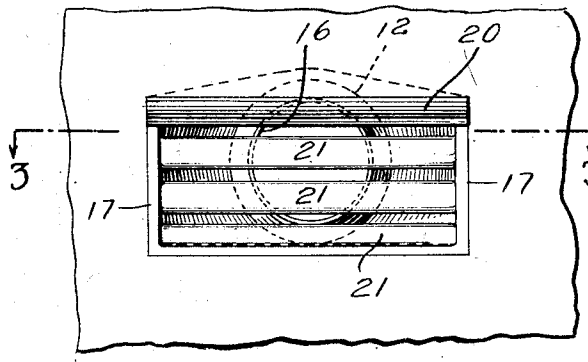
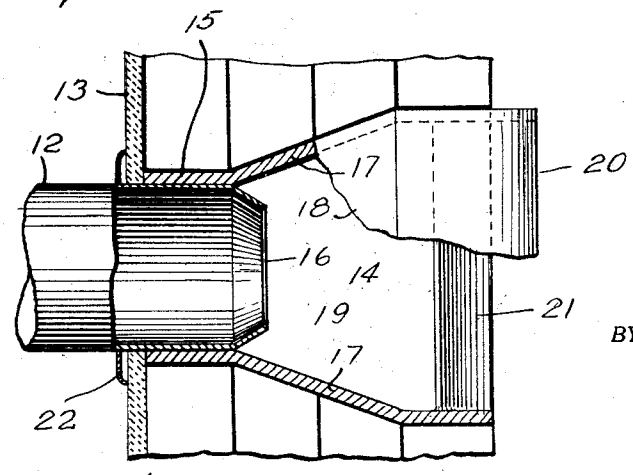


Fig. 2.

Fig. 3.



INVENTOR
Benjamin Riesner

BY

ATTORNEY

Patented Jan. 5, 1926. 1,568,532

UNITED STATES PATENT OFFICE.

BENJAMIN RIESNER, OF NEW YORK, N. Y.

HOOD FOR COOKING RANGES.

Application filed May 31, 1924. Serial No. 716,924.

To all whom it may concern:

Be it known that I, BENJAMIN RIESNER, a citizen of the United States, and resident of New York, county and State of New York, have invented certain new and useful Improvements in Hoods for Cooking Ranges, of which the following is a full, clear, and exact description.

The objects of the present invention are to provide a hood for drawing off air and fumes collecting above cooking ranges, and carrying the same to the outside of the building; to provide an improved form of hood constructed and arranged to be mounted as a unit in a wall of a building; to provide in a construction of this character means to prevent moisture and draft from entering at the outside of the building.

Drawings.

Figure 1, is a vertical section through the wall of a building illustrating a manner of mounting or the disposition of a hood constructed in accordance with the principles of the invention;

Figure 2, is an exterior elevation of the outer end of the hood outlet; and

Figure 3, is a horizontal section substantially on the line 3—3 of Figure 2.

Description.

The invention in detail comprises a flared hood 10 of an inverted funnel shaped formation, adapted for disposition above the cooking range and connected by means of an elbow 11 with the wall pipe 12. Disposed through the wall 13 of the building is a metal box 14 having a neck 15 adapted to receive therethrough the end of the pipe 12 in close fitting relation. The projecting end of the pipe 12 is constricted as at 16 and discharges into the chamber formed by outwardly flared side walls 17 of the box 14 and the inclined top wall 18. The outer ends of the flared side walls 17 are extended transversely of the wall, and, in conjunction with the inclined top 18 and bottom 19 of the box, at the outer face of the building wall, are arranged in relation to the courses of brick used in the construction of the wall. The shape of the box thus anchors the same in the wall. The top wall 18 of the box 14 is provided with an outwardly projecting downwardly inclined hood 20 which extends beyond the outer face of the building wall and serves to prevent rain and snow from entering the chamber of the box 14.

The discharge end of the chamber 14 is provided with downwardly inclined baffles 21, preferably not over three in number. A pipe collar 22 is disposed over the pipe 12 at its point of entry through the wall of the building to provide for a neat appearance and positioning of the pipe. The bottom baffle 21 is formed integral with the bottom 19 of the box 14, and the inner end of the baffle is raised above the bottom of the box forming a guard ridge, effectively preventing any ingress of water or moisture to the interior of the chamber formed within the box.

While I have illustrated and described certain details entering into the construction and operation of the invention, I desire it to be understood that the invention is not to be limited thereto or thereby, but that any desired changes and modifications may be made as will fall within the scope of the invention as claimed.

Claim.

A ventilator comprising a metal box adapted to be positioned in a building wall in brick supporting relation thereto, the top wall of said box being inclined, the side walls of said box being outwardly flared to provide a chamber therein, one end of said box having a constricted neck portion, a ventilator pipe extending through said neck portion to the interior of said box, the opposite end of said box being open at the outer face of the building wall and provided with a series of downwardly inclined vertically spaced baffles extending between the side walls thereof, the lowermost baffle being formed integrally on the box bottom to provide a guard ridge, and a water shed member formed on the top of said box and extending outwardly therefrom over the open end thereof.

BENJAMIN RIESNER.