

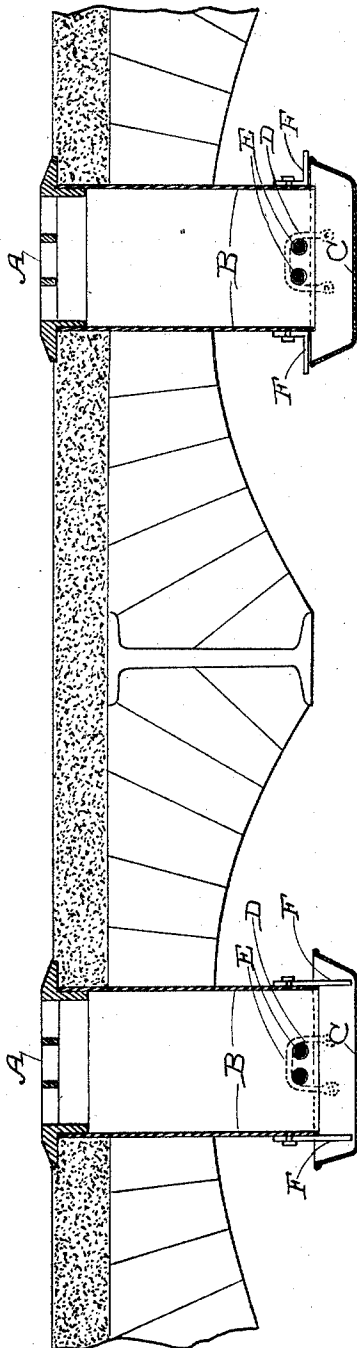
(No Model.)

P. H. JACKSON.
BASEMENT VENTILATOR.

No. 503,484.

Patented Aug. 15, 1893.

Fig. 1



Witnesses,
G. A. Morse
J. A. Bayless

Fig. 3

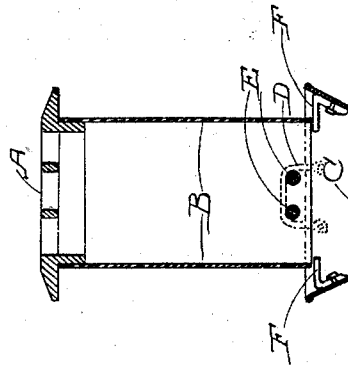
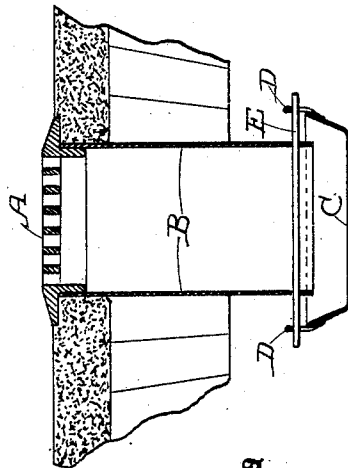


Fig. 2



Inventor,
Peter H. Jackson
By Dewey & Co. attys

UNITED STATES PATENT OFFICE.

PETER H. JACKSON, OF SAN FRANCISCO, CALIFORNIA.

BASEMENT-VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 503,484, dated August 15, 1893.

Application filed March 25, 1893. Serial No. 467,626. (No model.)

To all whom it may concern:

Be it known that I, PETER H. JACKSON, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Basement-Ventilators; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a basement ventilator.

It consists of a ventilator and drip pan, and certain details of construction which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a sectional elevation showing the position of my ventilator in the sidewalk or basement extension. Fig. 2 is a view taken at right angles with Fig. 1. Fig. 3 shows the strip F secured to the pan.

The object of my invention is to provide an inexpensive device for ventilating basement extensions or spaces under sidewalks, and other apartments of which the top surface above the ceiling serves as a floor or walking surface. It consists of an open metal grating A with slots, perforations or other openings made through it, and a metal tube B fitted and secured thereto and extending downward through the material, of which the ceiling and surface are composed. In the present case I have shown a brick or concrete arch, such as is usually employed in basement extensions, and which is of considerable thickness, and above this is the sidewalk, which is made of artificial or natural stone or other suitable material. In or upon this the grating A is fixed, and the cylindrically shaped tube B extends down through the thickness of the ceiling and surface to a point slightly below in the interior. Below this tube is suspended a dripping pan, which is practically made as shown at C, with upwardly projecting handles D, through which and through corresponding holes in the bottom of the tube, are passed the rod or rods E which, being held in place, by the holes in the tube, in turn pass through the handles and thus suspend the pan. This pan is of larger area than the base of the tube and when

suspended from the latter, leaves an open space all round the bottom which allows the air to pass into the bottom of the tube and thence up through the open grating at the top. At the same time, any water arising from rainy weather, or any other dirt which may from time to time fall through the open grating, will be caught by the pan, and the latter can be removed from time to time to empty it of its contents. While the pan is in place, it protects the interior of the basement or other space from the ill effects of the water and dirt.

In order to protect the pan from being tilted to one side or the other, so that its contents would be unexpectedly discharged, I have shown the extension strips F which may be secured preferably to the bottom of the tube, and be of sufficient length so that when the pan is in place, these strips rest on the bottom or sides of the pan, but it is equally competent to fix the strips to the bottom or sides of the pan, and have the upper ends shaped to form stops against the lower edges of the tube. With either construction the pan is prevented from tilting and will be retained in an approximately level position, and prevented from spilling its contents.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A ventilating device consisting of the metal grating fixed in the surface above the chamber to be ventilated, a metal tube secured thereto and extending downwardly into the upper part of the chamber, a pan with upturned sides having larger area than the bottom of the tube, and upwardly projecting lugs or handles on opposite sides, and rods passing through the handles and through holes in the bottom of the tube whereby the pan is suspended therefrom, and a space provided for the ingress of air to the tube, substantially as herein described.

2. A ventilating device for apartments consisting of a metal grating fixed in the surface above the apartment, a tube extending downwardly from said grating into the upper part of the apartment beneath, a pan with

upturned sides of larger area than the bottom
of the tube, removably suspended from the
bottom of the tube and inclosing the same,
and stops extending between the tube and
5 the pan whereby the latter is prevented from
tilting or upsetting, substantially as herein
described.

In witness whereof I have hereunto set my
hand.

PETER H. JACKSON.

Witnesses:

S. H. NOURSE,
J. A. BAYLESS.