Nov. 11, 1952 M. W. FENNELL 2,617,701

ANTIFOGGING ATTACHMENT FOR BATHROOM MIRRORS

Filed March 8, 1950

Fig. 3

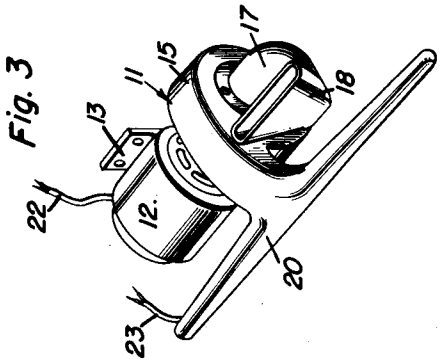


Fig. 2

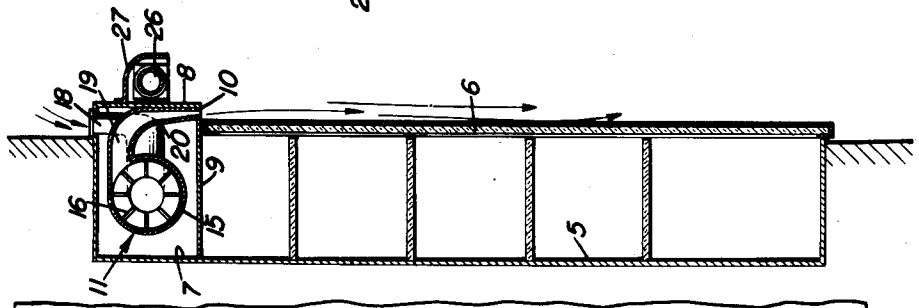
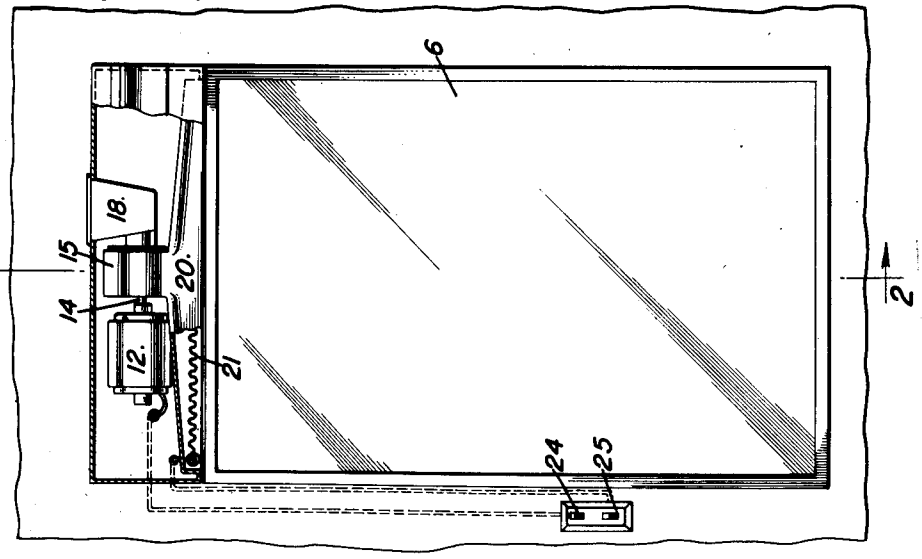


Fig. 1



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ANTIFOGGING ATTACHMENT FOR BATHROOM MIRRORS

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1 Claim. (Cl. 312—227)

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The present invention relates to new and useful improvements in anti-fogging devices and more particularly to an attachment for use with the mirror of a bathroom cabinet to prevent moisture collecting on the mirror and thus avoid fogging or obscuring the surface of the mirror.

An important object of the invention is to provide an anti-fogging attachment including a blower mounted in a housing at the top of the cabinet constructed for blowing air downwardly across the face of the cabinet door.

Another object of the invention is to provide a heater positioned in the outlet for the blower for blowing warm air across the face of the cabinet door to effectively dry the moisture.

A still further object is to provide a device of this character of simple and practical construction, which is neat and attractive in appearance, efficient and reliable in operation, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a front elevational view with parts broken away and shown in section;

Figure 2 is a vertical sectional view taken on a line 2—2 of Figure 1; and

Figure 3 is a perspective view of the blower unit.

Referring now to the drawings in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention, the numeral 5 designates a medicine cabinet of a type usually recessed in the wall of a bathroom and including a door 6 having a mirrored surface.

A housing 7 is formed in the top of the cabinet above the door 6 and with the front wall 8 of the housing positioned forwardly of the door and the bottom 9 of the housing forwardly of the door is formed with a narrow slot or elongated opening 10 which is substantially coextensive with the width of the cabinet.

A blower unit is designated generally at 11 and comprises a motor 12 provided at one side with an attaching plate 13 for attaching to the rear wall

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of the housing 7. The shaft 14 of the motor extends into a fan housing 15 for driving a fan 16, the fan housing having an inlet pipe 17 attached to one side leading to an upwardly extending throat 18 positioned in the top of the housing 7, forwardly of the bathroom wall, as shown in Figure 2 of the drawings.

The outlet for the fan housing is shown at 19 and leads to an elongated narrow outlet throat 20 positioned in the opening 10 in the bottom of housing 7.

A heating element 21 is positioned in the outlet throat 20 and the wires 22 for the motor and the wire 23 for the heating element lead to switches 24 and 25 for selectively cutting on and off the motor 12 and for energizing heating element 21.

A lamp 26 is mounted under a reflector 27 suitably secured to the front of housing 7 to illuminate the face of door 6.

In the operation of the device the fan 16 driven by motor 12 draws air in through the inlet throat 18 and discharges the same through the outlet throat 20 downwardly across the front of the door 6 of the medicine cabinet to thus prevent accumulation of moisture on the mirrored surface of the door and avoid fogging thereof. The air may be heated by energizing heating element 21 to dry the air.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claim.

Having described the invention, what is claimed as new is:

A cabinet recessed into a wall and having a mirrored front door, said cabinet including a closed housing therein above said door having a bottom with a portion exending out of said cabinet forwardly of said door beyond said mirrored front, said housing having a top with a portion projecting forwardly out of said wall, the pro-

jecting portion of the bottom of the housing being provided with a narrow slot in front of and parallel with the top of said door when the door is closed, a blower fixed in said housing and having a discharge throat extending downwardly into said slot and fitted therein for discharging air downwardly over said mirrored front of the door when the door is closed, and an air inlet for said blower extending therefrom through the projecting portion of said top and in front of said wall for admitting atmospheric air into said blower.

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