April 15, 1941. H. L. MONTEITH 2,238,476

MEANS FOR RELEASING AND DIFFUSING FRAGRANT ODORS TO THE ATMOSPHERE

Filed Jan. 3, 1940

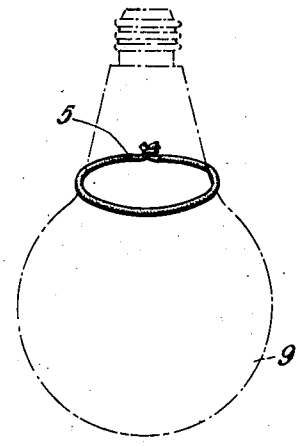


Fig. 1.

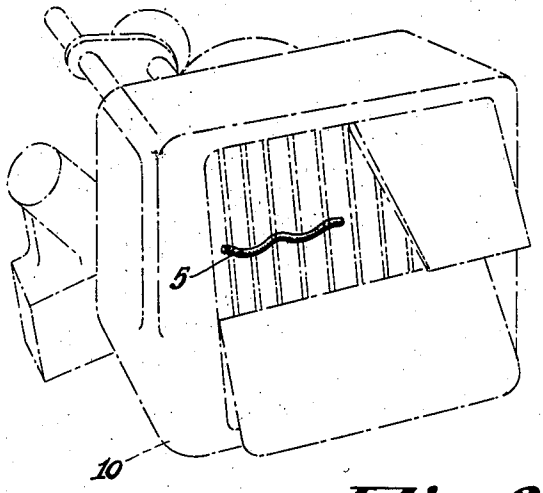


Fig. 2.

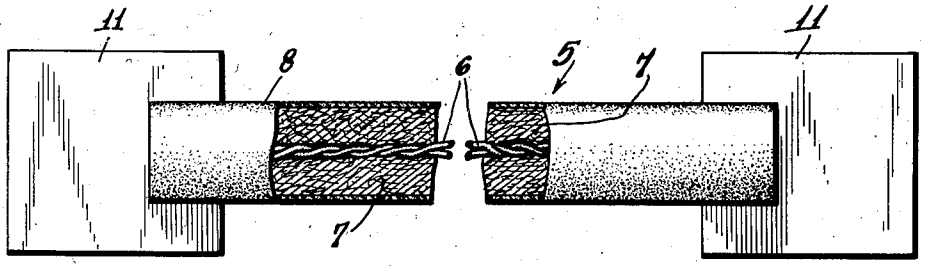


Fig. 4.

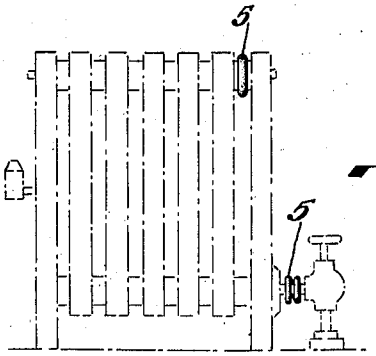


Fig. 3.

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2,238,476

MEANS FOR RELEASING AND DIFFUSING FRAGRANT ODORS TO THE ATMOSPHERE

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Application January 3, 1940, Serial No. 312,234

2 Claims. (Cl. 299—24)

This invention relates to means for releasing and diffusing perfumed vapors or odors of floral or other fragrant character to the atmosphere.

It is an object of this invention to provide an article of the above type which is flexible and readily attached to and detached from various heat emitting sources in a simple and expeditious manner.

Another object is to provide for this article, impregnated with the pleasant smelling substance, a coating which is substantially impervious to the passage of odors at normal temperatures, but which permits the controlled escape of the odors when subjected to a mild heat, and again restores the impervious condition upon the discontinuance of the heat.

These and further objects of the invention will be apparent from the following description, when considered in connection with the accompanying drawing, in which certain forms of the invention are illustrated. One of the forms is shown as being applied to various sources of the heat.

Referring to the drawing,

Figure 1 illustrates a form of the improved article encircling an electric light bulb and having its extremities twisted together;

Fig. 2 shows the same form of the article applied to the heater of an automobile;

Fig. 3 shows a form of the article similar to that illustrated in Figs. 1 and 2 applied to a steam radiator at two points; and

Fig. 4 shows an enlarged view of another form of the article which is slightly modified from the form illustrated in previous figures.

In the drawing, the reference **5** designates a flexible element which is provided with a core comprising a plurality of longitudinally extending wires **6** having a covering of absorbent material **7**. This covering may be also made from fiber or the like. The flexible element **5** may be cord-like or of cylindrical formation and of any desired length and diameter.

The absorbent or fibrous material is impregnated with a substance of pleasant and fragrant character such as suitably prepared essential oils or the like, and is then subjected to a proper drying process. The odor of the substance with which the absorbent or fibrous material is treated may be of the fragrance of the woods or garden, and the fragrance is of such strength that it has lasting results for a number of days while the article is being subjected to actual use. After the absorbent or fibrous material has been suitably treated and the applied fragrant substance has dried, the assembly is dipped in a paraffin or wax-like substance which forms an outer coating or seal therefor. This outer coating or seal **8** is of such character and thickness that it is substantially impervious, at normal temperatures, to the passage of the fragrant odors with which the absorbent or fibrous material has been impregnated. When the coating is subjected to a source of mild heat it softens slightly and becomes somewhat porous, thus permitting the controlled escape of the fragrant odor of the substance with which the absorbent or fibrous material has been saturated. The coating **8** again hardens to its normal state when the applied mild heat has been discontinued, and forms a seal which prevents the escape of the fragrant odors, as previously described.

In Fig. 1 the flexible material **5** and its components are shown as applied about the neck of a lamp bulb **9** and with the ends of the material twisted together. The improved device, as shown in Fig. 2, is applied between the grill work of the heating elements of an automobile heater. In Fig. 3 the improved article, as shown, is applied to a steam radiator at a point near the top of the radiator and also at a point near the valve. In this connection the improved device may be simply laid upon the radiator or bent about it at any desired point.

In Fig. 4 an adhesive strip **11** is shown as applied at the ends of the improved article. These strips may be attached so that the improved arrangement may be suspended in a vertical position from a riser or the like, or may be attached in a horizontal position to any source of heat.

While there is shown and described herein certain forms of the invention by way of illustration, it is to be understood that it is not limited or confined to the precise details of construction herein described and delineated, as modification and variation may be made within the scope of the appended claims without departing from the spirit of the invention.

What is claimed is:

1. The combination of an absorbent material, an essential oil scented to a desired odor for impregnating said material, a wax-like coating substantially impervious to the passage of odors at normal temperatures applied to the absorbent material to retain the odors, but pervious to the application of heat thereto and becoming again impervious upon the discontinuance of heat.

2. The combination of a flexible cord-like material comprising a core of longitudinally extending wires, a fibrous absorbent material covering the wires, a substance having odors of fragrant character impregnating the material, a coating substantially impervious to the passage of the odors at normal temperatures applied to the absorbent material to retain the odors, but returning to its impervious condition upon the discontinuance of heat.

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