

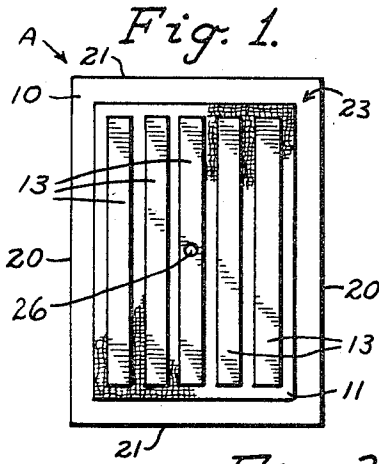
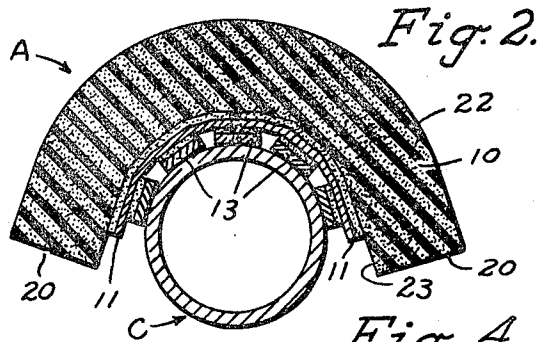
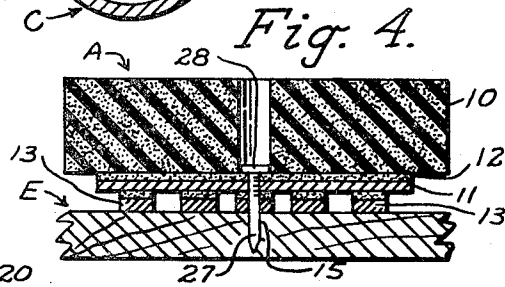
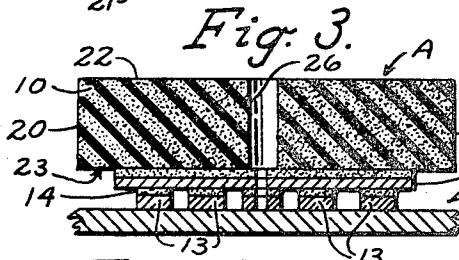
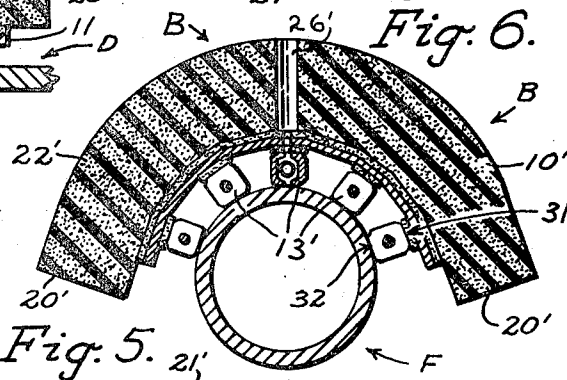
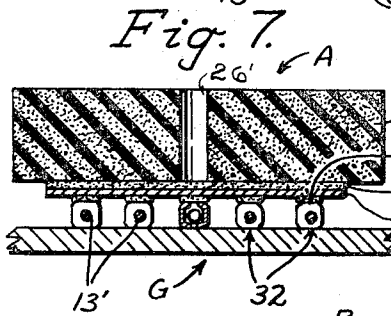
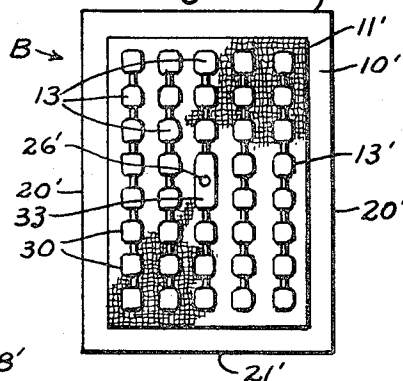
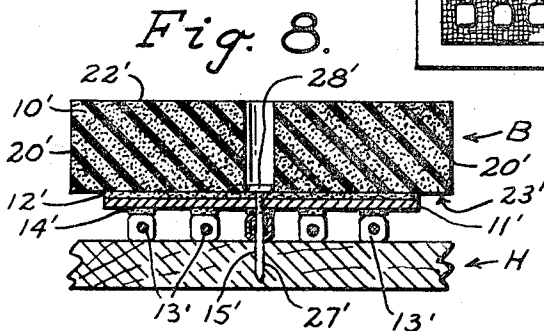
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MAGNETIC DEODORANT FIXTURE

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MAGNETIC DEODORANT FIXTURE

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5 Claims

ABSTRACT OF THE DISCLOSURE

This invention relates to pliable fixtures or carriers for disinfectants, deodorants, perfumes and like media to be removably attached to supports having flat, curved or angular faces so that the media may gradually evaporate or vaporize. Each fixture or carrier includes a plurality of spaced-apart magnets and accommodations for a driven attaching means.

An important object of this invention is to provide magnetic fixtures or carriers for disinfectants, deodorants and like media, which fixtures or carriers may be detachably secured, in face-to-face relationship to flat, curved or angular surfaces of supports.

Another important object of this invention is to provide fixtures or carriers for media as above which fixtures or carriers may be magnetically attached to metallic supports, or may be secured to non-metallic supports, such as of wood.

A further object of this invention is to provide a fixture or carrier as described above which is of pliable materials so that, when impregnated with suitable media, it may be squeezed in order to rid it of excess media so as to obviate drip thereof when the fixture or carrier is in contact with a support.

Other objects and advantages of this invention will be apparent during the course of the following detailed description thereof, taken in connection with the accompanying drawing, forming a portion of this disclosure, and in which drawing:

FIG. 1 is a plan view example of a form of the fixtures or carriers of this invention with the exposed face thereof disclosing a plurality of units of magnetic material.

FIG. 2 is a transverse sectional view of the carrier of FIG. 1 wrapped partly around and in face contact with a portion of a curved face of a metallic support.

FIG. 3 is a transverse sectional view of the carrier of FIGS. 1 and 2 in face contact with a substantially flat face of a metallic support.

FIG. 4 is a transverse sectional view of the carrier of FIGS. 1, 2 and 3, in face-to-face contact with a non-metallic support.

FIG. 5 is a plan view of another example of the carrier of this invention with the magnetic units of material thereof uppermost.

FIG. 6 is a sectional view, along the lines of FIG. 2, of the carrier of FIG. 5.

FIG. 7 is a sectional view, along the lines of FIG. 3, of the carrier of FIG. 5.

FIG. 8 is a sectional view, along the lines of FIG. 4, of the carrier of FIG. 5.

In the drawing, wherein the two forms of the carrier of this invention are shown by way of example, and wherein similar reference characters designate like parts throughout the several views, the letter A designates the form of carrier of FIGS. 1 to 4, and B the form of carrier of FIGS. 5 to 8, and the letters C, D, E, F, G and H supports for the carriers A or B.

In both forms of the carriers, each includes, as the case may be, receiving means 10 or 10' for the media to be carried thereby; backing means 11 or 11'; first attaching

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means 12 or 12'; a plurality of units of magnetic material 13 or 13'; second attaching means 14 or 14'; and auxiliary non-magnetic means 15 or 15' to take the place, in some instances, of the units of magnetic material.

The receiving means 10 and 10' may be substantially alike and comprises bodies or lengths of pliable material having pluralities of pores, openings, interstices or the like. Such material may be sponge rubber, thick cloth, cotton batting, the modern plastic foams and the like. The material must be such as not to be attacked by any ingredient of the media. As one example of the size of a pliable material to form the receiving means, it may have a thickness of about one inch, longitudinal side faces 20 or 20' of about two-and-three-quarters inches and transverse end faces 21 or 21' of about two inches in length. Obviously, the material may have a round, oval or more angular shape or may be in strip form. The material will have a front face 22 or 22' and a back or rear face 23 or 23'.

The backing means 11 and 11' for the carriers A and B respectively, may be of canvas, leather, tough paper and other like pliable material. Preferably, it is of less dimensions than the length of material constituting the receiving means 10 or 10' as may be seen in FIGS. 1 to 8 inclusive, so that, when the material of the backing means is centered on the material of the receiving means, there will be an overhang of the edge portions of the latter, as may be seen in the drawing. Thus the surface areas of the receiving means material has more than the faces 22 or 22', side faces 20 or 20' and end faces 21 or 21' exposed for evaporation of the media thereon.

The first and second attaching means 12 and 14 or 12' and 14' may be an epoxy adhesive, applied to the backing means 11 or 11' and to the back faces 23 or 23' of the receiving means 10 or 10' in order to secure the means 10 or 10' and 11 or 11' together. The attaching means 14 or 14' is employed to secure the unit of magnetic material 13 or 13' to the other faces on the respective backing means.

The units of magnetic material 13, of the carrier A of FIGS. 1 to 4 inclusive, are preferably elongate narrow strips arranged substantially in parallelism and spaced apart, one from the other. The spacing is such that the carrier A may be bent or curved from its normal flat condition and will adhere to surfaces of various contours, such as the curved surface of the support C, which may be a pipe.

Another example of units of magnetic material is shown in FIGS. 5 to 8 inclusive, illustrating the second form B of the invention. Here, the units 13' are sections of conventional bead chains, wherein the beads are joined to links in a universal joint connection as is well known in the art. The beads 30 are of magnetic material and have at least two opposite, substantially flat faces 31 and 32, with the faces 31 secured to the backing means 11' by the second attaching means 14'. This arrangement permits longitudinal and transverse curving or folding of the carrier B.

So that the carriers A and B may be attached to non-metallic surfaces (as in FIGS. 4 and 8), I prefer to provide a perforation or opening 26 or 26' as may be seen in FIGS. 4 and 8, including the central unit of magnetic material 13 and the enlarged link 33 of the central unit of magnetic material 13' of the carrier B. These openings or perforations 26 and 26' are adapted to receive the heads 28 or 28' and portions of the shanks of the auxiliary non-magnetic means 15 or 15' as the case may be, with the leading portions 27 or 27' of the shanks extending into the supports E or H.

In the use of the carriers A or B the receiving means 10 or 10' may be introduced (as dipped) into a volume of

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the disinfectant, deodorant or other media, then squeezed in order to rid the receiving means of excess media. The carriers may then be applied to flat metallic supports as the supports D or G, or to the curved supports C or F, by way of example.

If the supports are non-metallic, the auxiliary means 15 or 15' may be used, as in FIGS. 4 or 8.

The sizes of the carriers A and B may be varied to suit conditions, such as the area available for application. They may be applied to inconspicuous portions of pipes, the underside of the overhang of table and desk tops, corner portions of drawers, and the raised bottoms of furniture, cabinets and the like, by way of example. In fact, they may be spaced apart slightly on a long length of the backing means of this invention, so as to be severed into suitable lengths for use, and marketed in the long lengths, if desirable.

Various changes may be made to the form of the invention herein shown and described without departing from the spirit of the invention or scope of the claims.

What is claimed is:

1. A carrier for disinfectants, deodorants and like media, said carrier comprising:

backing means comprising a length of pliable material having front and back faces;

receiving means for said media, comprising a length of pliable material having front and back faces and openings to receive said media;

a plurality of units of magnetic material, each unit having front and back faces;

first pliable means for attaching said receiving means to said backing means at a face of each;

second pliable means for attaching said units to the other face of said backing means, with said units spaced apart and with a similar face of each unit exposed; and

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the spacing apart of said units being such that said carrier may be folded or curved in order to permit said units of magnetic material to retain said carrier in flat, curved or angular positions on supports therefor having flat, curved or angular facial contours.

2. A carrier according to claim 1 characterized in that: at least one of said units of magnetic material has a fastener-receiving opening therethrough and said pliable means have a fastener-receiving opening axially aligned with the first-named fastener-receiving opening,

whereby the shank of a fastener may be inserted through said openings and into a support for said carrier.

3. A carrier according to claim 1 characterized in that: said units are narrow elongate units disposed substantially in parallelism.

4. A carrier according to claim 3 characterized in that: said units are each a continuous length of magnetic material.

5. A carrier according to claim 3 characterized in that: said units are bead chains, with the beads thereof having at least two opposite substantially flat faces, with said second pliable means in adhesive contact with one of each of said flat faces of said beads.

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U.S. Cl. X.R.

239—57