

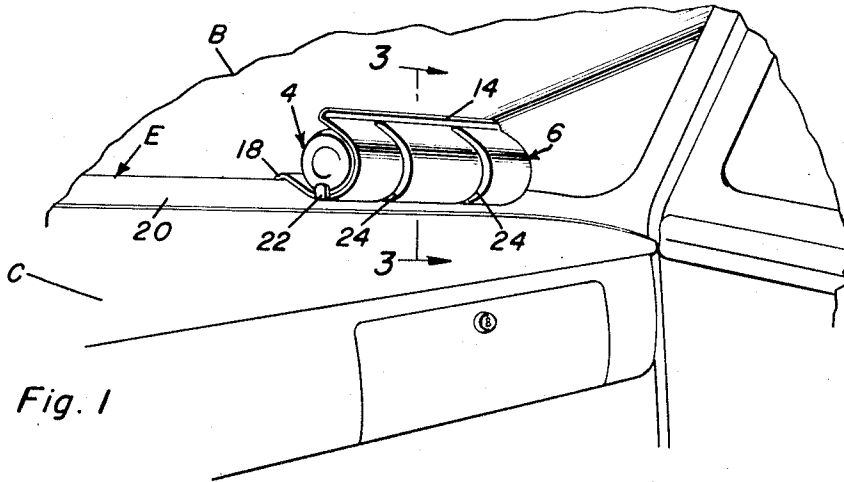
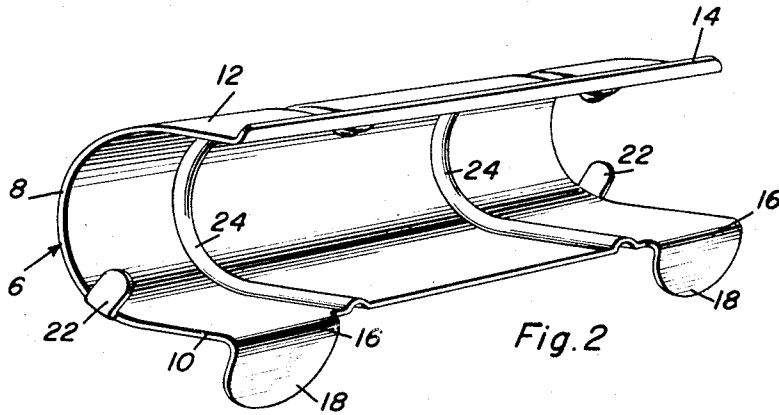
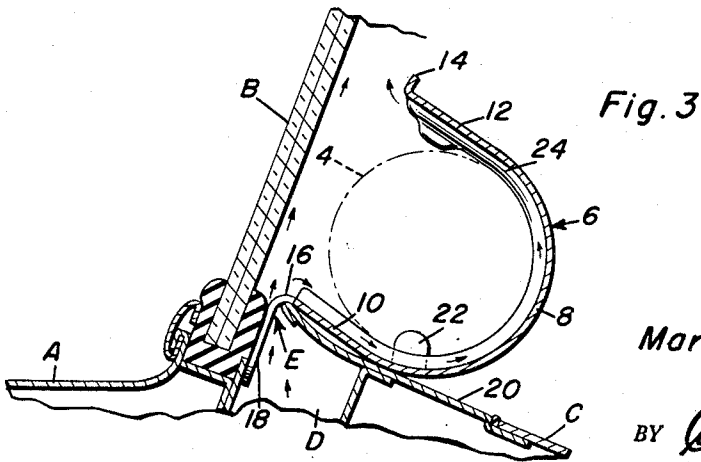
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BABY BOTTLE WARMER

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BABY BOTTLE WARMER

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1 Claim. (Cl. 248—103)

The present invention relates to a specially designed and performing holder for a nursing bottle through the medium of which a user thereof may employ the same within the confines of an automobile or the like, this in a manner to heat a formula-filled bottle for use by an infant.

It is a matter of common knowledge that the field of invention having to do with bottle holders, generally speaking, is highly and well developed and that holders of all descriptions and for many and varied purposes are in use or proposed for use. The instant invention relates to this broad field of endeavor but has specific reference to a simple, practicable and economical holder which removably supports the bottle and which is specially designed so that it may be supported in association with a cowl, windshield, and associated portion of an instrument panel so that it will be in a position to utilize heat waves from commonly used defroster slots, whereby the bottle may be handily heated for the baby while taking an automobile trip.

More specifically the invention has to do with a sheet material holder, preferably one which is constructed of appropriate resilient aluminum, and which is of general U-shaped form in cross section, is capable of being carried in an out-of-the-way position in the glove compartment when not in use, and is susceptible of being attached to the frame of the windshield, when it is in use, in line, of course, with the aforementioned heated air defroster slot.

More explicitly novelty is predicated on the construction stated wherein the holder is adapted for the stated purpose by merely providing the same with the simple ear-like attaching and retaining lugs.

Another feature of the invention has to do with the lug-equipped U-shaped sheath-like holder wherein the latter is provided with at least a pair of spaced extruded or similarly formed ribs which serve to space the surface of the bottle in a manner to facilitate the circulation of air and uniform heating of the bottle.

Other objects, features and advantages will become more readily apparent from the following description and the accompanying sheet of illustrative drawings.

In the drawings, wherein like numerals are employed to designate like parts throughout the same:

Figure 1 is a fragmentary perspective view showing a portion of an automobile, the nursing bottle holder and the manner in which the same is utilized;

Figure 2 is an enlarged perspective view of the holder by itself; and

Figure 3 is a section on the vertical line 3—3 of Figure 1 looking in the direction of the arrows.

Referring now to the drawings by way of reference character and with reference to Figures 1 and 2 the cowl is denoted at A, windshield at B, the shell or shelf-like portion of the instrument panel at C, the defroster duct at D and the heated air discharge slot at E.

With reference to Figures 1 and 3 the numeral 4 designates a conventional nursing bottle. The holder, the subject matter of the invention, is conformable in shape and

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size to the bottle. The holder is preferably of an appropriate grade of resilient sheet-material. In actual practice aluminum has been employed. To this end the holder is a sheath-like clamp for the bottle and it is denoted generally by the numeral 6. It is U-shaped or channel-shaped in cross-section and comprises a curvate bight portion 8, a lower wall or flange 10 and an upper wall or flange 12. The longitudinal edge of the latter is bent laterally as at 14 to facilitate inserting and removing the bottle and also to reinforce the holder. Suitably stamped extensions or tongues are provided and these are bent, as at 16—16 to form ear-like lugs. These lugs are for attaching and anchoring purposes and they are of general semi-circular form and are denoted by the numerals 18—18 and in practice they are slipped into the defroster slot E and clamped in place between the molding 20 and the windshield (see Fig. 3) with the warmer 6 resting directly on the molding 20. The transverse ends are provided with laterally bent ears 22—22 which prevent endwise displacement of the bottle once it is fitted into the sheath. As before mentioned the sheet material is also formed with a pair of transverse longitudinally spaced indentations 24—24 which constitute beads. The beads are so arranged and related with the seating side of the channel in the sheath to abut the wall of the bottle and to space the bottle so that heated air may circulate around the bottle in the manner shown in Figure 3 for purposes of more effectively heating the bottle.

In practice the open side of the channel is placed toward the windshield and the anchoring lugs 18 are forced into place between the windshield frame and molding and the position of anchorage is such that the holder and bottle therein takes a position in line with the discharge slot E and, obviously, the impinging of heat against the holder and the bottle will serve to heat both. Here, then, is an innovation in a nursing bottle holder which has a special purpose and which makes it possible to utilize heat waves issuing from defroster slots to come into play in heating a nursing bottle very handily indeed.

From the foregoing, the construction and operation of the device will be readily understood and further explanation is believed to be unnecessary. However, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claim.

What is claimed as new is as follows:

For use in an automobile having the usual instrument panel including a structural portion having a defroster slot; a nursing bottle holder and warmer comprising a sheath-like holder in which a nursing bottle is to be removably held, said holder comprising an elongate one-piece expansible and contractible resilient clamp constructed of imperforate sheet material, said clamp being channel-shaped in cross-section, open at its opposite ends, provided along a lengthwise edge with laterally bent outstanding ear-like anchoring lugs which are adapted to be removably fitted and thus anchored in a defroster slot, said lugs being spaced from each other and located at the respective outer transverse end portions of said holder, said sheet material being indented at longitudinally spaced transversely disposed places to provide transverse beads, the convex sides of the beads projecting into the channel portion of said holder and providing bottle contacting and spacing elements, said beads being situated inwardly of and between the respective anchoring lugs, and laterally bent ears provided on the intermediate portions of the respective transverse ends of said holder and providing stops and serving to assist in preventing endwise displacement of the bottle.

ment of the bottle once it is put in its intended position in the channel portion of said holder.

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