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REFRIGERATED BABY KIT

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Fig. 1

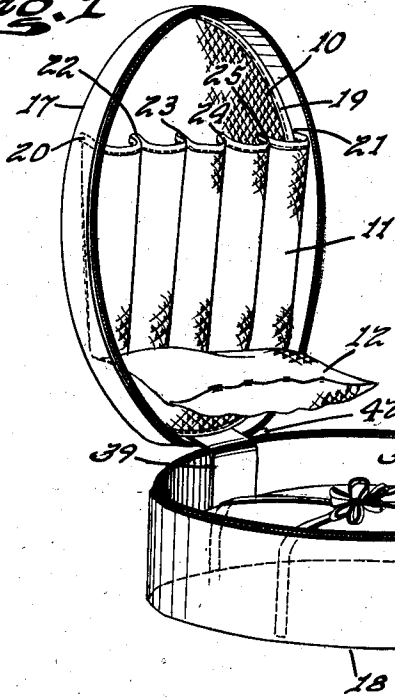
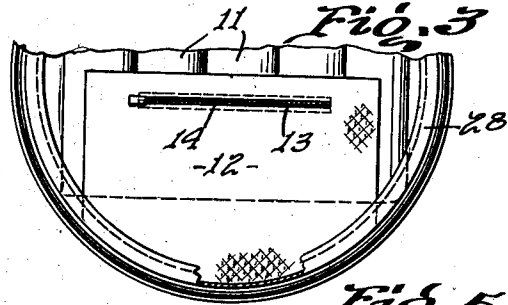


Fig. 5

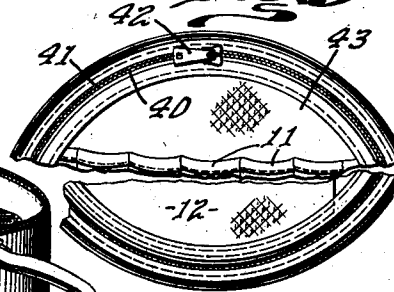


Fig. 2

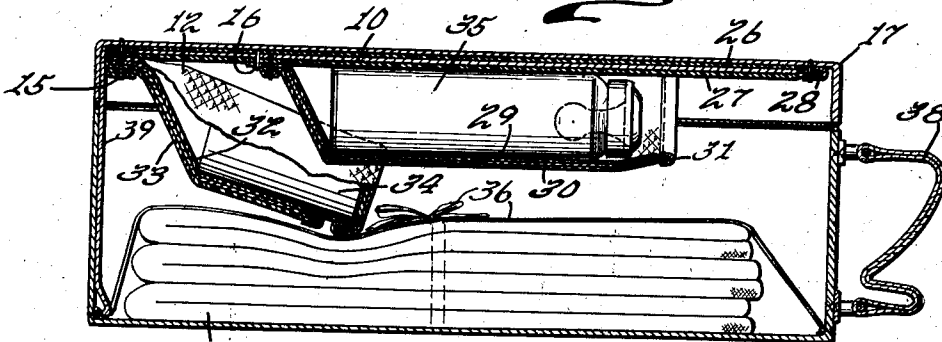
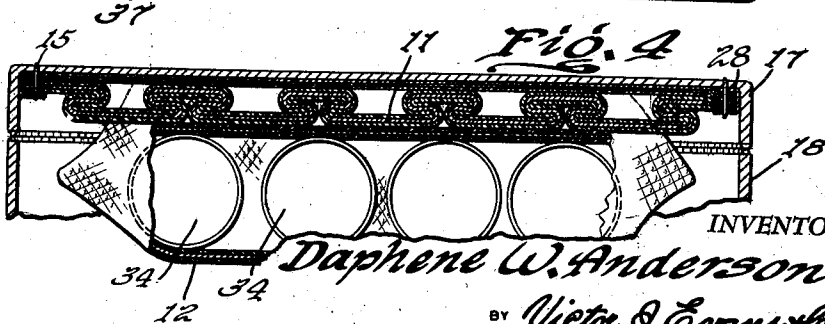


Fig. 4



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REFRIGERATED BABY KIT

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5 Claims. (Cl. 62—81)

This invention relates to portable refrigerating devices particularly of the type used for traveling, and in particular, a traveling bag having pockets or pouches for bottles of milk, baby food, formula, and the like, and a compartment for a refrigerant in combination with the bottle retaining pouches on the inner surface of the cover wherein with diapers, baby clothes, and the like in the body of the bag the device provides a complete kit so that a mother or nurse may be provided with substantially all articles required for use in traveling with a baby in one unit.

The purpose of this invention is to provide means for equipping a common carrier with articles including milk and food and refrigerating means therefor so that with a baby held with one arm substantially all articles required for the back may be carried by the hand of the other arm.

Various types of refrigerating and cooling devices have been provided for use in traveling, however, where individual elements, such as thermos bottles, are insulated for retaining products at cool temperatures, such devices are not adapted for maintaining a plurality of baby bottles at a constant temperature with each bottle or container containing milk, food or the like and with each bottle filled and ready for use.

With this thought in mind, this invention contemplates a handbag having a hinged cover with a plurality of elongated bottle retaining pouches or pockets in the under side of the cover and with a pouch for a refrigerant, such as small cans of a refrigerant positioned to coact with the pouches for retaining products in the pouches at a comparatively low temperature.

The object of this invention is, therefore, to provide means for incorporating a plurality of bottle retaining pouches and a pouch for a refrigerant in a handbag with the pouch for the refrigerant positioned to contact the pouches for the bottles whereby products in the bottles are retained at a comparatively low temperature.

Another object of the invention is to provide a refrigerating unit for a handbag in which the unit is adapted to be made integral with the handbag or detachably mounted therein.

Another important object of the invention is to provide a container having a cover in which a common refrigerating element is positioned to coact with a plurality of container retaining pockets to maintain products in all of the pockets at a relatively low temperature.

A further object of the invention is to provide a carrier having refrigerated pockets or compartments therein in which the device is of a simple and economical construction.

With these and other objects and advantages in view, the invention embodies a panel adapted to be positioned on the inner surface of a cover or other part of a carrier or container, a plurality of container retaining pockets positioned in parallel relation on said panel and a pouch having a separable fastener therein connected to the panel

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and mounted whereby a plurality of refrigerant containers positioned therein are adapted to maintain products in containers in the pockets or pouches at a relatively low temperature.

Other features and advantages of the invention will appear from the following description, taken in connection with the drawing, wherein:

Figure 1 is a perspective view illustrating the use of the refrigerated pouches on the inner surface of a cover of a handbag of the drum or hatbox type.

Figure 2 is a longitudinal section through the container with the cover in the closed position and showing the parts on an enlarged scale.

Figure 3 is a front elevational view looking toward the lower portion of the cover of the container showing the refrigerant retaining pouch, the upper portion of the device and also the body of the container being broken away.

Figure 4 is a sectional plan through the lower portion of the cover of the container, with the parts as shown in Figure 1, illustrating a plurality of cans for holding a refrigerant and showing lower portions of the pockets or pouches, the parts being shown on a still further enlarged scale.

Figure 5 is a view showing a modification wherein a panel on which the pockets and refrigerant pouch are positioned is connected to the interior of the handbag with a separable fastener so that the entire panel is adapted to be removed and replaced as desired.

Referring now to the drawing, wherein like reference characters denote corresponding parts, the refrigerated baby kit of this invention includes a panel 10, a plurality of parallel pouches 11 and a refrigerant pouch 12 in which an opening 13, which is closed by a separable fastener 14 is provided. As illustrated in Figures 1 and 2, the pouch 12 is secured to the panel 10 with a row of stitches 15, the lower edges of the pouches 11 are secured to the panel with a row of stitches 16 and the panel is secured to the inner surface of a cover 17 of a carrying case 18 with a continuous row of stitches 19. The ends of a sheet of material of which the pouches 11 are formed are secured to the panel 10 at points 20 and 21 and the material is also secured to the panel 10 at points 22, 23, 24 and 25, such as by stitching.

As illustrated in Figures 1 and 2, the panel 10 comprises two layers of material with filling material between the layers and the layers, which are indicated by the numerals 26 and 27, are secured together at the edges with binding 28. The material of the pouches 11 also includes an inner layer 29, an outer layer 30 and a filling material between the layers and extended edges of the pouches are provided with binding 31. The pouch 12 is also provided with an inner layer 32 and an outer layer 33 and the edges of the layers are sealed whereby with the separable fastener 14 in the closed position the pouch 12 is substantially sealed. The walls of the pouch 12 are also provided with a layer of filling material.

The pouch 12 is designed to carry a plurality of refrigerant containers, as indicated by the numeral 34, and the containers illustrated in the drawing are adapted to be positioned in a refrigerator for recharging whereby the containers are adapted to be used for relatively long periods of time and recooled for reuse.

In Figure 2, a bottle 35 is positioned in one of the pouches 11 and it will be understood that one or a plurality of bottles may be used in each pouch and pouches of different sizes may be provided.

The carrier 18 may be provided with straps or ties 36 for retaining clean garments in position and plastic bags or the like, as indicated by the numeral 37, may be provided for soiled diapers and the like. The carrier

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is also provided with a handle 38 and a strap 39, forming a hinge.

In the design illustrated in Figure 5, the periphery of the panel 10 is provided with a stringer 40 of a separable fastener and a complementary stringer 41 is provided in the carrier whereby upon actuating a slider 42 an entire panel 43, similar to the panel 10 and having the bottle and refrigerant pouches thereon, may be removed.

With the parts assembled as illustrated and described, small vessels, such as the cans or containers 34 and containing a refrigerant, are placed in the pouch 12, as shown in Figure 4, and with the pouch 12 mounted to be positioned against outer surfaces of the pouches 11 milk, food, and other products positioned in the pouches 11 are cooled by the refrigerant in the pouch 12.

The pouches may be formed of various sizes and designs and the diameter and also the shape of the panel 10 may be made to conform to the size and shape of a carrier or container whereby the pouches for products and refrigerant are adapted to be positioned at a suitable point or at points in the container.

The panel 10 and pouches 11 and 12 have been described as being formed of material having double thickness with filling material between and it will be understood that these parts may be made of other suitable material.

It will be understood that other modifications, within the scope of the appended claims, may be made in the design and arrangement of the parts without departing from the spirit of the invention.

What is claimed is:

1. A refrigerated carrier comprising a panel, a plurality of pouches positioned on said panel, one of said pouches having an opening therein, a separable fastener mounted in the pouch having the opening therein and positioned to close said opening, said pouch having the opening therein being adapted to retain a refrigerant and being positioned to contact the other pouches on the panel whereby the temperature of products in the other pouches is lowered, and means for mounting the panel in a handbag or other container.

2. A refrigerated carrier comprising a panel, a plurality of pouches positioned on said panel, said pouches having openings therein, and a separable fastener mounted in one of the pouches and positioned to close the opening, said pouch having the separable fastener therein being adapted to retain a refrigerant and being positioned to contact the other pouches on the panel whereby the temperature of products in the other pouches is lowered, the pouches other than the pouch for the refrigerant being adapted to retain containers of products.

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3. In a carrier, the combination which comprises a substantially hollow body portion, one side of which is open and the other closed, a handle extended from said body portion, a cover hinged to the body portion and positioned to close the body portion, a separable fastener, stringers of which are positioned on the cover and body portion for retaining the cover in a closed position upon said body portion, a panel positioned in the cover, a plurality of parallel pouches carried by the panel, and a refrigerant pouch having an opening with a closure member therein also mounted on the panel and positioned to contact outer surfaces of the pouches.

4. In a carrier, the combination which comprises a substantially hollow body portion, one side of which is open and the other closed, a handle extended from said body portion, a cover hinged to the body portion and positioned to close the body portion, a separable fastener, stringers of which are positioned on the cover and body portion for retaining the cover in a closed position upon said body portion, a panel positioned in the cover, a plurality of parallel pouches carried by the panel, and a refrigerant pouch having an opening with a closure member therein also mounted on the panel and positioned to contact outer surfaces of the pouches whereby the temperature of products in the pouches is reduced by a refrigerant in the closed pouch.

5. In a carrier, the combination which comprises a substantially hollow body portion, one side of which is open and the other closed, a handle extended from said body portion, a cover hinged to the body portion and positioned to close the body portion, a separable fastener, stringers of which are positioned on the cover and body portion for retaining the cover in a closed position upon said body portion, a panel positioned in the cover, a plurality of parallel pouches carried by the panel, a refrigerant pouch having an opening with a closure member therein also mounted on the panel and positioned to contact outer surfaces of the pouches whereby the temperature of products in the pouches is reduced by a refrigerant in the closed pouch, and means for temporarily securing the panel with the pouches thereon in the cover of the carrier.

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