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INFANTS' REFLECTIVE TOY TEETHING RING

Filed April 19, 1954

Fig. 1

Fig. 2

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Application April 19, 1954, Serial No. 424,045

4 Claims. (Cl. 128—359)

My invention relates to infants' reflective toy teething rings, and its objects are to provide not only a new and improved form of toy, but also serving as a teething ring, and enabling the use thereof will be each of the foregoing generally used for teething rings and to use in place thereof soft, flexible, plastic material uninjurious to the sensitive gums of a baby; to furnish a teething ring of soft, plastic plastic material in the form of doughnut-shaped annulus divided circumferentially into separate fluid pockets, hermetically sealed and enclosing a central pocket formed between discs with exposed mirror-like reflective faces; to provide a device wherein the reflective faces thereof will be each of the eye and sense of touch of the infant and furnishing him with an endless source of interest and amuse- ment, and in general to provide a device of this character which is simple and economical of construction, serviceable and entertaining to infants, and of long life and durability. My invention further consists of other features, combinations and arrangements of elements and parts illustrated in the drawings, and as hereinafter more particularly described and claimed.

Attention is hereby directed to the accompanying drawing illustrating a preferred form of my invention in which similar numeral designations refer to similar parts throughout the several views, and in which—

Figure 1 is a plan view of a transparent teething ring embodying my invention, showing the circumferential division thereof into fluid containing pockets with amusing objects floating therein, and the provision of a disc or disc-like body with reflective faces interposed between the holes of said ring and closing the same; and

Fig. 2 is a sectional view on line 2—2 of Fig. 1 looking in the direction indicated by the arrows.

Referring to the drawings, my improved teething ring 3 comprises (1) the doughnut-shaped hollow annulus 4, circular in cross section, and partitioned into a continuous sequence of hermetically sealed segmental pockets 5, 6, 7, 8, and 9; and (2) the reflective disc 11, interposed within the opening 10 of said annulus, and affixed to the wall thereof, serving completely to close the same.

The annulus 4 is preferably made of soft, flexible, transparent poreless plastic material, rubber-like in character and having great resistance to wear and abrasion, changes of temperature, and providing outside a soothing and non-irritating teething surface free to contact with the gums and gums of the infant. Filling each of the said pockets and hermetically sealed therein, is the limpid fluid 12, preferably water; and floating therein and observable through the walls of said pockets are the bright-ly colored miniature figures 13 of animals, or other objects attractive to infants.

The disc 11, is composed of the central disc 14 made preferably of flexible sheet material and having its top and bottom 15 and 16 each having a polished reflective surface made by the application of the well-known vacuum metallizing process or other means to serve as a mirror, and covering the reflective surfaces top and bottom are thin transparent layers 17 and 18 preferably of the same material as that of the annulus and integral therewith, and thereby protected from damage by the teeth of the child or other external injury.

The water-filled pockets, 5 to 9, provide excellent teething cushions, and when the teething ring 3 is chilled, may be employed on occasion to apply a cold compress to the inflamed gums of the teething baby, and serve to soothe and quiet him, when nervous and fractious. Furthermore, the device as a whole is of a construction which is easily washed and cleaned, is light in weight, non-injurious to the infant because it is soft and flexible in character, and amusing as a toy because of the mirror and the presence of the miniature floating figures in constant motion.

My invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof. The present embodiment as above set forth is therefore to be considered in all respects as illustrative and not restrictive, the scope of my invention being indicated by the appended claims rather than by the foregoing description, and all changes which may come within the scope hereof and be made without departing from the spirit of the claims are therefore intended to be embraced therein.

What I claim and desire to secure by Letters Pat- ent is:

1. In an infant's teething ring, the combination of a flexible transparent hollow annulus, divided into a number of pockets, said pockets containing clear and limpid fluid hermetically sealed therein; miniature objects attrac- tive to infants inserted within said pockets and freely floating in the liquid thereof and observable through the walls of said annulus; and a disc having a mirror-like face inserted within the opening of said annulus and secured to the wall thereof.

2. In an infant's teething ring, the combination of a flexible transparent doughnut-shaped hollow annulus, di- vided into a number of pockets, said pockets containing clear and limpid fluid hermetically sealed therein; miniature figures attractive to infants inserted within said pockets and freely floating in the liquid thereof and observable through the walls of said annulus; and a disc having a mirror-like face inserted within the opening of said annulus and secured to the wall thereof.

3. In an infant's teething ring, the combination of a flexible transparent doughnut-shaped hollow annulus, di- vided into a series of segmental pockets, the same being covered with a thin layer of the same material as that of the annulus and integral therewith, and a disc having mirror-like faces, top and bottom, inserted within the opening of said annulus and secured to the wall thereof; said annulus being of material having the elastic property of rubber but resistant to wear, abrasion and changes of temperature and soothing to the touch of an infant.

4. In an infant's teething ring, the combination of a flexible transparent doughnut-shaped hollow annulus, di- vided into a series of segmental pockets, the same being covered with a thin layer of the same material as that of the annulus and integral therewith, and a disc having mirror-like faces, top and bottom, inserted within the opening of said annulus and secured to the wall thereof; said annulus being of material having the elastic property of rubber but resistant to wear, abrasion and changes of temperature and soothing to the touch of an infant; and the faces of said disc being covered with a transparent layer of rubber-like material.

5. In an infant's teething ring, the combination of a flexible transparent doughnut-shaped hollow annulus, di- vided into a series of segmental pockets, the same being covered with a thin layer of the same material as that of the annulus and integral therewith, and a disc having mirror-like faces, top and bottom, inserted within the opening of said annulus and secured to the wall thereof; said annulus being of material having the elastic property of rubber but resistant to wear, abrasion and changes of temperature and soothing to the touch of an infant; and the faces of said disc being covered with a thin layer of the same material as that of the annulus and integral therewith.

No references cited.