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(71)Name of Applicant :

1)DR, MUKTAI ABHAY DESHPANDE

Address of Applicant :DEPARTMENT OF PEDODONTICS
AND PREVENTIVE DENTISTRY. KLE ACADEMY OF
HIGHER EDUCATION AND RESEARCHS KLE V.K.
INSTITUTE OF DENTAL SCIENCES, NEHRU NAGAR,
JNMC CAMPUS BELAGAVI 590010 Karnataka India

2)DR.SHIVAYOGI M.HUGAR

3)MS.RADHIKA NAIK

4)DR. MADHURA V.MUNDADA

5)DR.SANJANA SONETA

6)DR.SHREY G.MEHTA

7)DR.ANUSHKA A.PARAKH

(72)Name of Inventor :

1)DR, MUKTAI ABHAY DESHPANDE

2)DR.SHIVAYOGI M.HUGAR

3)MS.RADHIKA NAIK

4)DR. MADHURA V.MUNDADA

5)DR.SANJANA SONETA

6)DR.SHREY G.MEHTA

7)DR.ANUSHKA A.PARAKH

(57) Abstract :

The present invention relates to the development of the device or appliance to aid the caregivers for maintaining the oral hygiene of the infant. It particularly relates to the development of multipurpose or multifunctional pacifier to aid the caregivers for maintaining the oral hygiene of the infant. It specifically relates to development of a self-medicated pacifier to be used independently by the infants that will provide soothing effect to the gum pads by the silicone in the pacifier along with the pores in the membranes which slowly releases a gel that may be of medicinal value, oral hygiene enhancing or bitter to reduce digit sucking habit. The present also relates to the method of preparation of the multipurpose pacifier and method for using of the developed pacifier for oral hygiene of the infant. This invention has many advantages as pacifier can be used to reduce the digit sucking habit in infants, to administer medicines, it is Cost effective for mass distribution, can be used for maintenance of oral hygiene, effectively soothes the inflamed gingival during teething. We recommend that this pacifier is boon for managing oral diseases in children due to its multiple uses.

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