

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011049517 A

(19) INDIA

(22) Date of filing of Application :12/11/2020

(43) Publication Date : 13/05/2022

(54) Title of the invention : SMART CRADLE FOR MONITORING INFANT

(51) International classification	:A47D0009020000, A47D0009000000, G10L0015020000, A47D0007040000, H04N0005232000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a smart cradle 100 for monitoring infant, wherein the cradle 100 includes a bassinet 102 and a frame assembly 104, wherein the frame assembly 104 provides support to the bassinet 102 which holds the infant. The cradle 100 includes first set of sensors 106, at least one imaging unit 108, and microphones 110 to detect the various parameters associated with the infant, and a processing unit 206 configured to receive, extract and compare the extracted parameters with the predefined limit ranges. The first set sensors 106 detect sound parameter of the infant and actuate one or more operations to assist the infant automatically, such as rocking of bassinet, playing music, patting, and rotating rattles. The cradle 100 establishes communication with the one or more mobile computing devices associated with the parents to transmit real time images and videos of the infant.

No. of Pages : 38 No. of Claims : 10