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(71)Name of Applicant :

**1)Chitkara University**

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

**2)Chitkara Innovation Incubator Foundation**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)AGRAWAL, Satyam Kumar**

Address of Applicant :Professor (Research), Chitkara University Research and Innovation Network, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

**2)AGRAWAL, Madhunika**

Address of Applicant :H. No. 1987, Sector 79, SAS Nagar, Mohali, Punjab - 140308, India. Mohali -----

**3)KHULLAR, Vikas**

Address of Applicant :Associate Professor, Department of Computer Science and Engineering, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

A system 100 for monitoring of animals 106 includes a cage 102, a plurality of thermal cameras 112 for monitoring states of surgical wounds 122 and one or more behavioural parameters. A microprocessor-based control unit 124 with memory storing instructions executable by the processors with image processing algorithms to transmit data to a cloud server 208 from where they can be accessed using mobile 204, a laptop 206. A buzzer 126 and a coloured light 128 activated with one or more parameters transmitted by the control unit 124 is below or above the reference value to alert the laboratory 202.

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