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(54) Title of the invention : INTERNET OF THINGS BASED SYSTEM FOR CATTLE IDENTIFICATION AND METHOD THEREOF

(51) International classification	:G06N0020000000, G06Q0050020000, G06T0007000000, H04L0067630000, H04W0004330000	(71)Name of Applicant : 1)CHITKARA INNOVATION INCUBATOR FOUNDATION Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA (IN) Chandigarh Chandigarh India
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(57) Abstract :

An Internet of Things (IoT) based system (100) for cattle identification, the system (100) receives captured image of a muzzle of the cattle from an image capturing unit (102) and analyses the received image of the muzzle of the cattle for identifying cattle details using machine learning techniques and computer vision-based techniques. The system (100) further stores the identified cattle details remotely in a database (108) and enables a user to view the identified cattle details remotely through a cattle identification application (114). Claims: 10, Figures: 3 Figure 1 is selected.

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