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(71)**Name of Applicant :**  
**1)Chitkara Innovation Incubator Foundation**  
 Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. -----

**Name of Applicant : NA**  
**Address of Applicant : NA**

(72)**Name of Inventor :**  
**1)ANNAM, Sangeetha**  
 Address of Applicant :Assistant 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. -----

**2)KHULLAR, Vikas**  
 Address of Applicant :Assistant 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. -----

**3)CHHABRA, Rishu**  
 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. -----

(57) Abstract :  
 An agricultural residues burning detection and reporting system 100 is disclosed. Images of agricultural field may be acquired by sensors 102 such as by camera installing in the field or by installing the camera in an unmanned aerial vehicle (UAV). When the UAV moves over the field, images may be acquired that may be processed by applying machine learning techniques, and upon detection of burning stubble or burnt stubble, concerned authorities such as agricultural department of the area may be notified by transmitting a notification through a communication unit 110 such as Wi-Fi. Also, acquired images may be stored to a sever 108, and concerned authorities may access the stored images anytime to get live information of the field where the UAV is operating.

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