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(54) Title of the invention : SURVEILLANCE SYSTEM TO MONITOR UNAUTHORIZED ACTIVITIES AT DOOR

<p>(51) International classification :G08B0013196000, H04L0029060000, G06K0009000000, G01S0013560000, G06Q0010060000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)GUPTA, Rupesh Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SHARMA, Sarang Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>3)PRERNA Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)KAUR, Simret Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>5)AAKASH Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>6)GUPTA, Sheifali Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

The present disclosure provides a surveillance system (100) to monitor unauthorized activities at a door of premises. The surveillance system has a sensor (102) attached at an entrance to detect one or more activities in an area of interest, and an image acquisition unit (104) attached at the door to acquire one or more images, and determine from the detected one or more activities if at least one of the activity is unauthorized activity, and upon detection of the unauthorized activity, images are analysed to detect whether the person is known or an intruder. Further, in order to detain the intruder at the entrance until the person in charge arrived, a shock is given to the intruder, pepper powder is sprayed on the intruder, and hand of the intruder is locked to the door.

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