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(54) Title of the invention : SYSTEM AND METHOD TO IDENTIFY AN INDIVIDUAL BASED ON MOVEMENT PATTERNS

(51) International classification	:H04W0004021000, H04N0005232000, G06F0021320000, G06N0003080000, G06N0020000000	(71)**Name of Applicant :** 1)**Chitkara University** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- ----------- **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 1)**BEHL, Arsh** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
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(57) Abstract :
A system and a method to identify an individual based on movement patterns includes one or more image acquisition units (102) and a controller (104). The controller (104) is in communication with the image acquisition units (102) is coupled to a memory (106) storing instructions executable by the controller (104) to capture the visual data of one or more individual within a predetermined area using the image acquisition unit (102). The controller (104) detects a plurality of movements of the individual from the captured visual data using a learning engine (106). The controller (104) analyzes the detected movements with a pre-stored data within a dataset using the learning engine (106) The controller (104) identify authorized or unauthorized individuals upon analyzing the detected movements and record the movements of the unauthorized individuals upon identifying unauthorized individual.

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