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<p>(51) International classification :G06N 030800, G06N 050400, G06N 200000, H04L 675200, H04W 047000</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 : 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 : 1)KUMAR, Atul Address of Applicant :Research Assistant, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SHARMA, Ishu Address of Applicant :Assistant Professor - Research, Chitkara University Institute of Engineering and Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>--</p>
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(57) Abstract :

The present invention relates to a name plate comprising a display unit configured to display profile information of an employee, a sensor to detect entities in proximity of the name plate, an image acquisition unit to capture video streaming, and a processing unit operatively coupled to the display unit, sensor, and image acquisition unit. The processing unit is configured to receive video streaming, extract faces of entities using an artificial engine, compare the extracted faces with a dataset of authenticated entities, and display the profile information of the associated employee or the name and designation of the employee for unauthenticated entities. The name plate may also have features such as customization of profile information through a user interface, real-time updates of employee information, integration with blockchain for data storage, and machine learning for continuous improvement of face recognition.

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