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<p>(51) International classification :G06K 096200, G06T 070000, G08B 131960, H04N 052250, H04N 071800</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)Ms. Neetu Gupta Address of Applicant :Assistant Professor, K. R. Mangalam University, Sohna, Gurgaon, Haryana - 122103 -----</p> <p>2)Mr. Prateek Garg 3)Dr Puja Acharya 4)Ms. Smriti Dwivedi 5)Ms. Aikta Arya 6)Ms. Shweta Arya 7)Mr. Saurav Sagar Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Ms. Neetu Gupta Address of Applicant :Assistant Professor, K. R. Mangalam University, Sohna, Gurgaon, Haryana - 122103 -----</p> <p>2)Mr. Prateek Garg Address of Applicant :Opposite Baba Prasad Giri Mandir Near Mata Gate Jhajjar Haryana - 124103 -----</p> <p>3)Mr. Saurav Sagar Address of Applicant :Software Developer, A 121/3-4, Lions Enclave, Vikas Nagar, South West Delhi -110059 -----</p> <p>---</p>
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(57) Abstract :

The present invention relates to an AI enabled security camera device (100) to prevent initial level health issues from different kind viruses. The device (100) comprises of a plurality of camera sensors, a deep learning algorithm unit, a computational unit, an internet of things, an alert unit, and a web application. The plurality of camera sensors are used to capture images or video footage of individuals' faces. The deep learning algorithm unit is used to analyze the visual data to determine whether a person is wearing a face mask or not. The computational unit is used to perform processing operations for decision making and real time detection. The internet of things is configured to operate as a database of individuals wearing mask information. The alert unit is configured to provide alert to people and authorities about mask. The web application is used to remotely monitor people wearing face masks.

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