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<p>(51) International classification :A61B0005000000, G06T0007000000, G06K0009460000, G16H0050200000, G06K0009000000</p> <p>(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)Dr.P.Nagaraja Address of Applicant :Guest Faculty, Department of Computer Science and Applications, The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Dindigul (Dt). Mobile No : 8940163424 E-mail: pnagaraja02@gmail.com Tamil Nadu India</p> <p>2)J .NAGARAJAN 3)Dr.D. Sharmila 4)Shaik Rahamat Basha 5)Gowtham S 6)Dr.Udayakumar Durairaj 7)Rohan J 8)Mrs.Devi.T 9)Dr.Sourabh Kumar Jain 10)Dr.Ruchi Pandey 11)Dr. Mrs. Sarita D. Deshpande 12)Aswathy Devaraj. P.V. 13)Mr.M.Sivaramkrishnan 14)Dr.M.Siva Ramkumar</p> <p>(72)Name of Inventor :</p> <p>1)Dr.P.Nagaraja 2)J .NAGARAJAN 3)Dr.D. Sharmila 4)Shaik Rahamat Basha 5)Gowtham S 6)Dr.Udayakumar Durairaj 7)Rohan J 8)Mrs.Devi.T 9)Dr.Sourabh Kumar Jain 10)Dr.Ruchi Pandey 11)Dr. Mrs. Sarita D. Deshpande 12)Aswathy Devaraj. P.V. 13)Mr.M.Sivaramkrishnan 14)Dr.M.Siva Ramkumar</p>
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(57) Abstract :

The invention MACHINE LEARNING BASED IMAGE PROCESSING SYSTEM TO ANALYSE HUMAN SKIN QUALITY• is a device for capturing and processing of images of human skin, and more predominantly to pursuing variations in skin over time. The human skin is the major organ on the human body. And in recent years, cancer of the skin, precisely melanoma, is on the growth. The challenge of rebellious skin cancer in patients is not the lack of a remedy, but the lack of early recognition. Examination skin frequently through skin cancer screening and skin health monitoring, either at a patient's home or at a physician's office, can be vital for noticing skin cancer early enough to effectively treat a tumor. Recognition and diagnosis of melanoma naturally has trusted on visual inspection by a patient or his/her physician or dermatologist, biopsy of anomalous moles or sections of the skin, and surgery to eradicate tumors found to be cancerous, tailed in some cases by radiation treatment, immunotherapy, chemotherapy or the like. This invention normally for assessing image quality metrics comprises the steps of receiving image data from an image capture device, more specifically image data of a skin portion extracted through a machine learning system with the help of threshold score to accept image quality metrics.

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