

(54) Title of the invention : SKIN CANCER DETECTION USING DEEP LEARNING

<p>(51) International classification :A61B0005000000, C12Q0001688600, A61B0005010000, G16H0015000000, G01N0033574000</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)Anil Sharma Address of Applicant :College of Computing Sciences & IT, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p>2)Dr. Bhupesh Goyal</p> <p>3)N. Hemalatha</p> <p>4)Dr. Madasamy Raja.G</p> <p>5)Dr. Harishchander Anandaram</p> <p>6)Snigdha Rani Behera</p> <p>7)Gowri Sankar Chintapalli</p> <p>8)Dr. Kirtimaya Mishra</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)Anil Sharma Address of Applicant :College of Computing Sciences & IT, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, Pin Code: 244102 -----</p> <p>2)Dr. Bhupesh Goyal Address of Applicant :Head of Department, Department of Allied Healthcare Sciences, Vivekananda Global university, Jaipur, Rajasthan - 303905 -----</p> <p>3)N. Hemalatha Address of Applicant :Assistant Professor, Department of IT, Paavai Engineering College, Namakkal, Tamilnadu - 637018 -----</p> <p>4)Dr. Madasamy Raja.G Address of Applicant :Associate Professor, Department of IT, Paavai Engineering College, Namakkal, Tamilnadu - 637018 -----</p> <p>5)Dr. Harishchander Anandaram Address of Applicant :Assistant professor, Department of centre for excellence in computational engineering and networking, Amrita vishwa vidyapeetham, Coimbatore, Tamil nadu - 641112 -----</p> <p>6)Snigdha Rani Behera Address of Applicant :Associate Professor, Department of Pharmacy, School of Pharmacy, ARKA JAIN University, Jamshedpur, Jharkhand - 832108 -----</p> <p>7)Gowri Sankar Chintapalli Address of Applicant :Assistant Professor, Department of Pharmacy, School of Pharmacy, ARKA JAIN University, Jamshedpur, Jharkhand - 832108 -----</p> <p>8)Dr. Kirtimaya Mishra Address of Applicant :Professor, Department of Pharmacy, School of Pharmacy, ARKA JAIN University, Jamshedpur, Jharkhand - 832108 ----</p>
---	---

(57) Abstract :

Skin cancer is serious. Unrepaired DNA in skin cells causes mutations and skin cancer. Skin cancer spreads gradually to other body areas. Therefore, early detection is key. Rising skin cancer rates, high mortality, and costly treatment demand early diagnosis. Researchers have discovered early detection methods for skin cancer. Symmetry, color, size, form, etc., are utilized to diagnose and differentiate skin cancers. This research reviews deep learning for early skin cancer diagnosis. We evaluated well-respected skin cancer research articles. Tools, graphs, tables, methodologies, and frameworks help interpret research results.

No. of Pages : 13 No. of Claims : 7