

(54) Title of the invention : NON-INVASIVE TARGETTED DELIVERY OF DRUG MOLECULES FOR BREAST CANCER USING CARBON NANOTUBES AND ARTIFICIAL INTELLIGENCE

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| <p>(51) International classification :B82Y0005000000, A61K0047690000, C12N0015740000, A61K0049000000, A61K0031506000</p> <p>(86) International Application No :PCT// Filing Date :01/01/1900</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)DR.M.K.VALSAKUMARI Address of Applicant :PROFESSOR, DEPARTMENT OF CHEMISTRY, MOOKAMBIGAI COLLEGE OF ENGINEERING, KALAMAVUR,KEERANUR, PUDUKKOTTAI 622 502, TAMIL NADU, INDIA. -----</p> <p>-----</p> <p>2)INJAMAMUL HAQUE 3)DR. N. SRINIVASAN ARUNSANKAR 4)DR. JIWAN PREMCHAND LAVANDE 5)DR. P. THILLAI ARASU 6)DR.S.ELANGO VAN 7)DR. PALLAB KALITA 8)DR. P. KAVITHA 9)DR. P. SUMITHRA 10)DR. S. VIDYA Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)DR.M.K.VALSAKUMARI Address of Applicant :PROFESSOR, DEPARTMENT OF CHEMISTRY, MOOKAMBIGAI COLLEGE OF ENGINEERING, KALAMAVUR,KEERANUR, PUDUKKOTTAI 622 502, TAMIL NADU, INDIA. -----</p> <p>-----</p> <p>2)INJAMAMUL HAQUE Address of Applicant :ASST. PROFESSOR, ALLAMA TR COLLEGE OF PHARMACY, BADARPUR, SRIGOURI, ASSAM 788806. -----</p> <p>3)DR. N. SRINIVASAN ARUNSANKAR Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS, SRI SAI RAM ENGINEERING COLLEGE, WEST TAMBARAM, CHENNAI - 44. TAMIL NADU, INDIA. -----</p> <p>4)DR. JIWAN PREMCHAND LAVANDE Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACEUTICS, SHIVLINGESHWAR COLLEGE OF PHARMACY, ALMALA. TQ: AUSA, DIST: LATUR -----</p> <p>5)DR. P. THILLAI ARASU Address of Applicant :PROFESSOR OF CHEMISTRY , DEPARTMENT OF CHEMISTRY , COLLEGE OF NATURAL AND COMPUTATIONAL SCIENCE, WOLLEGA UNIVERSITY, POST BOX NO 395, NEKEMTE , ETHIOPIA. --</p> <p>-----</p> <p>6)DR.S.ELANGO VAN Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS, COLLEGE OF NATURAL AND COMPUTATIONAL SCIENCE, WOLLEGA UNIVERSITY, POST BOX NO 395, NEKEMTE , ETHIOPIA . -----</p> <p>--</p> |
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(57) Abstract :

Non-invasive targetted delivery of drug molecules for Breast cancer using carbon nanotubes and artificial intelligence are the proposed invention. The proposed invention focuses on delivering the drug molecules directly to the cancerous cells. The lymph nodes in the breast cancer cells are treated with carbon nanotubes that is achieved with targetted delivery of drug molecules.

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