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APPLICANT NAME	VNR Vignana Jyothi Institute of Engineering and Technology
TITLE OF INVENTION	MULTI-TASKING HORTICULTURE VEHICLE
FIELD OF INVENTION	MECHANICAL ENGINEERING
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(54) Title of the invention : MULTI-TASKING HORTICULTURE VEHICLE

<p>(51) International classification :G06F0009451000, B60W0020000000, B60L0053800000, H04J0013000000, A61H0003060000</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)VNR Vignana Jyothi Institute of Engineering and Technology Address of Applicant :Vigana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad, Telangana, India-500090 -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)KAMBHAMPATI RAJESH Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p> <p>2)SANDA KEERTHAN Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p> <p>3)YANDRATHI TARUN Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p> <p>4)Dr. M. VENKATA RAMANA Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p> <p>5)Dr. T. SRINIVASA RAO Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p> <p>6)Dr. B. V. RAJA RAVI KUMAR Address of Applicant :VNR Vignana Jyothi Institute of Engineering and Technology, Vignana Jyothi Nagar, Pragathi Nagar, Nizampet(S.O), Hyderabad, Telangana, India-500090 -----</p>
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(57) Abstract :

The present invention relates to a multi-tasking horticulture vehicle(100) that is powered by a battery and a DC motor and prefers to create systems such as ploughing the field, spreading seeds, and navigating vehicle movements. Based on the movement of this robot on the land, the surface makes a level with a metal sheet, ploughs the land, and drops the seeds parallel with the help of this system. A microcontroller is coupled to input and output modules to create the system. The controller serves as a link between these two modules termed a control unit. The input module consists of a switchboard to which the mobile transmitter is interfaced. The Bluetooth receiver obtains the data and feeds it to the controller. The Microcontroller responds by programming and switching the relays attached to the electrical devices to be controlled.

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