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(54) Title of the invention : HAND OPERATED MULTI-FEATURED AGRICULTURAL DEVICE

<p>(51) International classification :G01S0013880000, G06F0003041000, G06F0003048800, G01V0003120000, G01N0033240000</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)Jaipur National University Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. Ajeet Singh Address of Applicant :School of Agriculture Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>2)Dr. Lakhan Bharti Saini Address of Applicant :School of Agriculture Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>3)Dr. Lalita Nargawe Address of Applicant :School of Agriculture Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>4)Dr. Deepak Sharma Address of Applicant :School of Agriculture Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p>5)Dr. Deepika Sharma Address of Applicant :School of Agriculture Sciences, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p>
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(57) Abstract :

A hand operated multi-featured agricultural device comprises of an elongated body 1 possessing a proximal end 2 to enable gripping to a user, a cuboidal box 4 assembled on a distal end 3 to accommodate various components, a touch interactive display panel 5 to input type of agricultural operation desired by the user, multiple telescopic rods 6 to elongate/contract to produce an orientations of a fork/spade, a ground-penetrating radar (GPR) mapped in each of the rods 6 to detect the presence of stones inside the soil and a specific rod 6 for receding back towards the box 4 for avoiding the breakage of the rods 6.

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