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(54) Title of the invention : SYSTEM AND METHOD FOR ARDUINO BASED SEED SPRINKLER

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(57) Abstract :  
 Exemplary embodiments of the present disclosure are directed towards a system and method for Arduino based seed sprinkler. A system and method for Arduino based seed sprinkler comprises of a soil sensor utilizing Arduino UNO microcontroller detects the soil and displays the information on the LCD screen connected to the soil sensor. Furthermore, the Arduino UNO microcontroller holds commands, receives parameters from the sensors and sends output signals accordingly to the DC motor connected to the Arduino UNO microcontroller. Furthermore, a DC motor receives information from the Arduino UNO thereby activating the servomotor connected to the DC motor. Finally, the servomotor connected to the seeds holding bottle and sheet with holes, allows the seeds to flow through the sheet holes and seed sowing can be observed in the field. FIG. 1

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