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(54) Title of the invention : MOVABLE IRRIGATION SYSTEM

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(57) Abstract :

A body having a telescopic shaft 1 with multiple expandable pipes 2 at an upper end to cover maximum area, multiple wheels 3 associated with the body through axles for moving the body, a storage tank 4 connected at a lower end of the shaft 1 for containing liquid, a moisture sensor associated with the body for determining amount of moisture content present in soil, a controller connected with the sensor that enables expansion and retraction of the shaft and pipes (1, 2) to spray the liquid based on the amount, wherein the liquid is sprinkled via a sprinkler nozzle 5 mounted on each of the pipes 2 and a control arm 6 having a trowel 7 pivotally attached to the body, wherein the arm 6 is actuated for enabling multidirectional movement of the trowel 7 for digging soil around the plants in order to provide efficient irrigation. Ref. to Figure 1 and 2

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