

(54) Title of the invention : AUTOMATED BIRDS SCARING DEVICE FOR CROP FIELD

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(57) Abstract :

An automated birds scaring device for crop field comprising a platform 1 having a first and second portion, multiple rods 2 configured on first portion to support platform 1 on field, an extendible U-shaped frame 12 positioned on second portion, a telescopic bar 3 arranged with frame 12 and apex of frame 12 mounted with circular body 4 to form a decoy of human, an ultrasonic sensor installed on platform 1 for detecting length of crops, an image capturing unit 5 installed on platform 1 to detect number of bird/animal, a motorized ball and socket joint 6 embedded between frame 12 and platform 1 to rotate frame 12, multiple nozzles 7 configured with chamber 8 to dispense water over birds/animal, a LDR installed on platform 1 for detecting intensity of light, multiple LEDs 9 installed on frame 12, bar 3 and body 4 to scare birds/animal.

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