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(54) Title of the invention : MULTIFUNCTIONAL GRAIN COLLECTING APPARATUS

(51) International classification	:B65B0039000000, G01G0017000000, A24C0005356000, E01H0001080000, G01G0019000000	(71)Name of Applicant : 1)CHITKARA INNOVATION INCUBATOR FOUNDATION Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA Email- sachin.ahuja@chitkara.edu.in Mobile No. – 9217730035 Chandigarh Chandigarh India
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(57) Abstract :

A multifunctional grain collecting apparatus (100), comprising: a frame (102) to provide a rigid support to components of the apparatus (100); a handle grip (108) provided at a top backside of the frame (102), to move the apparatus (100) in a forward direction; a hopper (110) provided at a front side of the apparatus (100), to collect grains spread on a floor; a lifter (114) adapted to be lifted in an upward direction to move the hopper (110) in a downward direction to collect the grains and pushed in a downward direction to move the hopper (110) in an upward direction to transfer the collected grains from the hopper (110) into a container (116); and a weighing unit (118) placed on a bottom plate (104) of the frame (102), to measure a weight of the container (116) filled with the grains.

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