

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111016783 A

(19) INDIA

(22) Date of filing of Application :09/04/2021

(43) Publication Date : 24/02/2023

(54) Title of the invention : APPARATUS FOR COLLECTING TRASH

(51) International classification	:G06K0009000000, H04N0007180000, A61M0001000000, G06K0009620000, B60W0050140000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to an apparatus (100) for collecting undesired particles, the apparatus includes a suction unit (118) coupled to an elongated tube, the suction unit adapted to capture the undesired particles in a predefined area, an image acquisition unit captures one or more images of the undesired particles. A processor (122) coupled to the image acquisition unit, processor configured to receive, from the image acquisition unit, the one or more images of the undesired particles, compare, the received one or more images of the undesired particles with reference images to detect valuable items from the received one or more images; wherein, based on the detection of the valuable items from the received one or more images, the processor configured to operate the alert unit to generate an alert signal to notify the user, and operate the display unit to display the valuable items.

No. of Pages : 18 No. of Claims : 9