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## (54) Title of the invention: SENSOR ENABLED SMART TRASH COLLECTION SYSTEM

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## (57) Abstract:

ABSTRACT Light weight dust and litter collector device The present disclosure describes light weight dust and litter collector device for efficient collection and managing of dust and litter. It comprises of frame 102, collection container 104, handle 106, lever with pulley 108, electric motor 110, wheel 112, plastic flap 114, rotary brushes 116. It supports efficient dust collection and proper disposal of dust, litter, and garbage. It revolutionizes the cleaning process by minimizing the physical effort required from individuals that ensures quick and thorough garbage collection with improved cleanliness.

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