United States Patent [19] Willis

- **REFUSE COLLECTING DEVICE** [54]
- J. Don Willis, 301 E. Lawrence Rd., [76] Inventor: Phoenix, Ariz. 85012
- 14 Years Term: [**]
- [21] Appl. No.: 527,031

[22]	Filed:	Aug. 29	, 1983								
[52]	U.S. Cl.				 • • • •	• • • •	•••	D.	30 ,	/99	
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Des. 285,012 Patent Number: [11] Date of Patent: ** Aug. 5, 1986 [45]

CLAIM [57]

The ornamental design for a refuse collecting device, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a refuse collecting device, showing my new design; FIG. 2 is a left side elevational view; the right side elevational view being a mirror image thereof; FIG. 3 is a rear elevational view; FIG. 4 is a front elevational view;

[58] D30/99; D32/74

References Cited [56] U.S. PATENT DOCUMENTS

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4,149,745	4/1979	Willis	294/1.4
4,222,597	9/1980	Willis	294/1.4

Primary Examiner—Catherine E. Kemper Attorney, Agent, or Firm-Cahill, Sutton & Thomas FIG. 5 is a top view;

FIG. 6 is a bottom view;

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FIG. 7 is a perspective view of the refuse collecting device shown with a detachable handle and shovel; FIG. 8 is a side elevational view of the handle and detachably attachable shovel;

FIG. 9 is a bottom view of the shovel; and

FIG. 10 is a top view of the handle absent the shovel. The broken line disclosure of a bag in FIGS. 1 and 7 is for illustrative purposes only and forms no part of the claimed design.



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Fig. 2

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Fig. 10

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