United States Patent [19]

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- [54] VACUUM CLEANER
- [75] Inventor: Niklaus Hug, Romanshorn, Switzerland
- [73] Assignee: Rommag P. Wörwag & Co., Romanshorn, Switzerland
- [**] Term: 14 Years

[56]

[57]

References Cited

[11]

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U.S. PATENT DOCUMENTS

D. 189,288	11/1960	Smithson	D15/54
D. 224,624	8/1972	Walz et al.	D15/54
D. 243,574	3/1977	Bartlett	
2,456,639	12/1948	Lanter	15/327 R
2,892,511	6/1959	Gall et al.	D15/54 X
3,046,718	7/1962	Ide et al	15/347 X
4,222,753	9/1980	Mills	15/327 D X

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[21] Appl. No.: 81,214

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[30] Foreign Application Priority Data

Apr. 3, 1979 [DE] Fed. Rep. of Germany URA 373

[51]	Int. Cl.	D1505
[52]	U.S. Cl.	D32/23
[58]	Field of Search	D15/52-55,
	D15/62-64; 15/320, 321,	324, 325, 327, 347

Attorney, Agent, or Firm-Becker & Becker, Inc.

CLAIM

The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a top side perspective view of a vacuum cleaner, showing my new design;
FIG. 2 is a top rear perspective view thereof;
FIG. 3 is a bottom perspective view thereof; and
FIG. 4 is a top side perspective view thereof showing the side opposite that shown in FIG. 2.
The conventional electric cord has been shown fragmentarily in FIGS. 1 and 2 for ease of illustration.



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