



US00D455876S

(12) **United States Design Patent**  
**Arney et al.**

(10) **Patent No.:** **US D455,876 S**

(45) **Date of Patent:** **\*\* Apr. 16, 2002**

(54) **VACUUM CLEANER**

75186 11/1994 (CA) .  
84804 9/1998 (CA) .

(75) Inventors: **Mike Arney**, Wellesley; **David Malina**, Boston; **Alan Mudd**, Salem, all of MA (US); **Yongmihn Kim**, Seoul (KR)

\* cited by examiner

(73) Assignee: **Fantom Technologies, Inc.**, Welland (CA)

*Primary Examiner*—Ruth McInroy

(74) *Attorney, Agent, or Firm*—Roberts & Mercanti, LLP

(\*\*) Term: **14 Years**

(57) **CLAIM**

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

(21) Appl. No.: **29/123,835**

**DESCRIPTION**

(22) Filed: **May 25, 2000**

(51) **LOC (7) Cl.** ..... **15-05**

(52) **U.S. Cl.** ..... **D32/22**

(58) **Field of Search** ..... D32/22, 31, 25;  
D21/526; 15/329, 344, 353, 320–321, 310,  
312.1, 347, 350, 352, 337

FIG. 1 is a perspective view from the front and one side of the upright vacuum cleaner. The upper body portion extends generally upwardly from the cleaning head.

FIG. 2 is a perspective view from the front and the other side to that shown in FIG. 1 of the upright vacuum cleaner of FIG. 1.

FIG. 3 is a perspective view from the rear and the other side to that shown in FIG. 1 of the upright vacuum cleaner of FIG. 1.

FIG. 4 is a perspective view from the rear and the other side to that shown in FIG. 1 of the upright vacuum cleaner of FIG. 1.

FIG. 5 is a side elevation view of the side shown in FIG. 1 of the upright vacuum cleaner of FIG. 1.

FIG. 6 is a side elevation view of the other side to that shown in FIG. 5 of the upright vacuum cleaner of FIG. 1.

FIG. 7 is a top plan view of the of the upright vacuum cleaner of FIG. 1.

FIG. 8 is a front elevation view of the upright vacuum cleaner of FIG. 1; and,

FIG. 9 is a rear elevation view of the upright vacuum cleaner of FIG. 1.

(56) **References Cited**

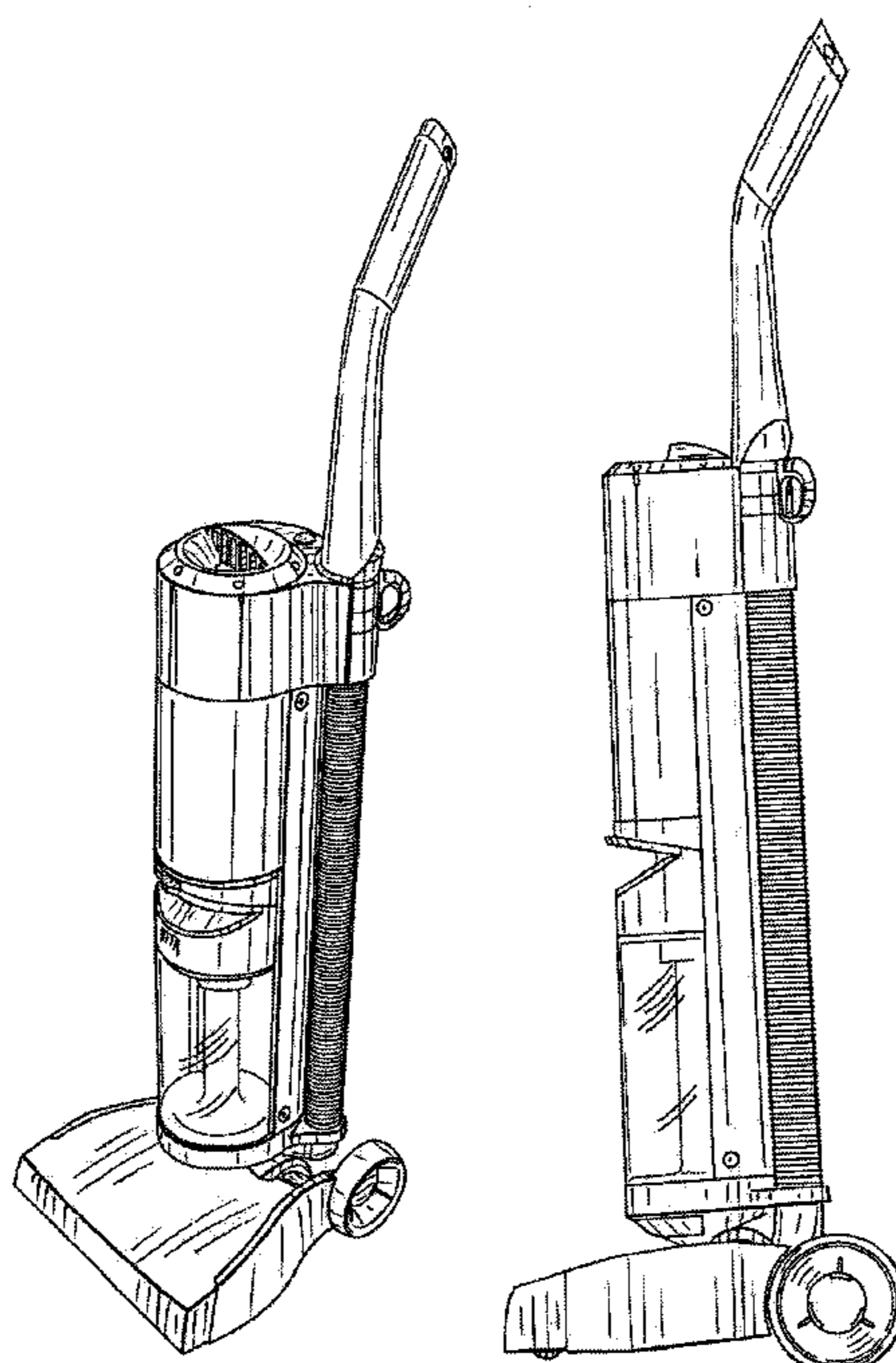
**U.S. PATENT DOCUMENTS**

D. 305,269	*	12/1989	Dyson	.....	D32/22
D. 309,203	*	7/1990	Goodrich	.....	D32/22
D. 343,707		1/1994	Dyson	.....	D32/22
D. 375,820	*	11/1996	Piccaluga et al.	.....	D32/22
D. 407,873		4/1999	Burchard et al.	.....	D32/31
D. 407,874		4/1999	Burchard et al.	.....	D32/31
D. 407,875		4/1999	Burchard et al.	.....	D32/31
D. 417,533	*	12/1999	Burchard et al.	.....	D32/22
D. 439,379	*	3/2001	Gammack et al.	.....	D32/22
6,141,826	*	11/2000	Conrad et al.	.....	15/347

**FOREIGN PATENT DOCUMENTS**

63719		7/1989	(CA) .
72278		3/1993	(CA) .
73765		1/1994	(CA) .

**1 Claim, 8 Drawing Sheets**



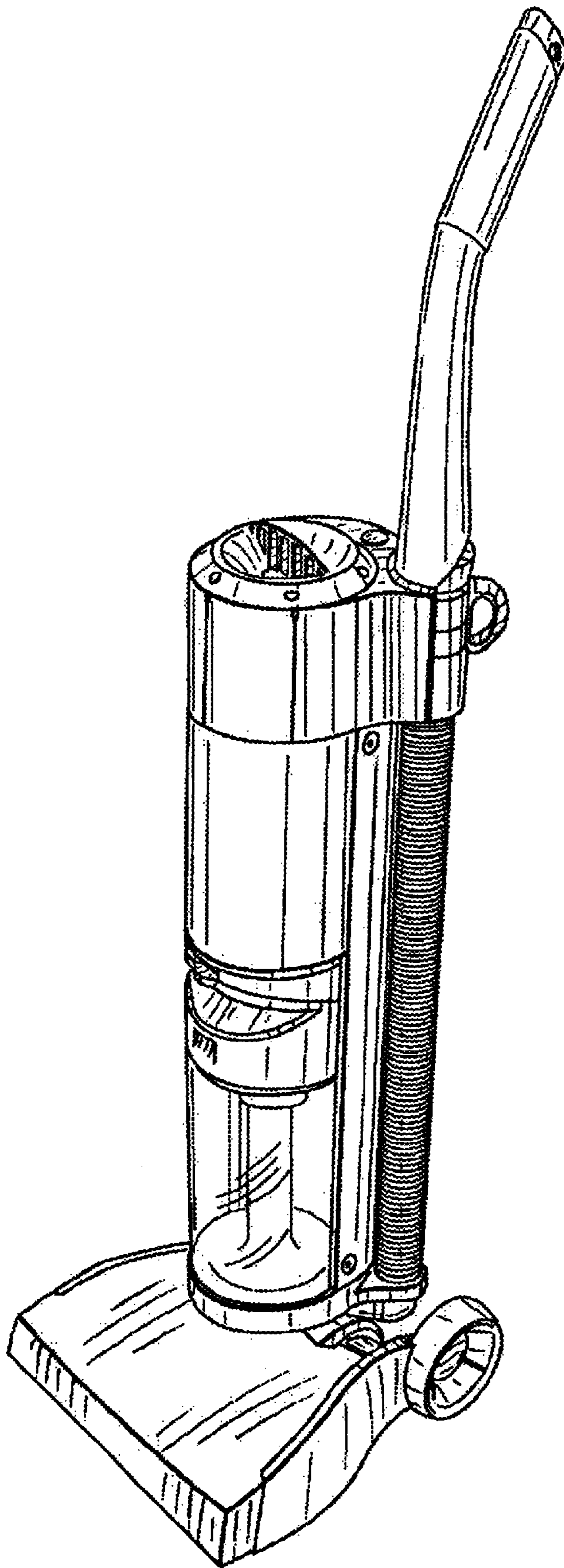


FIG. 1

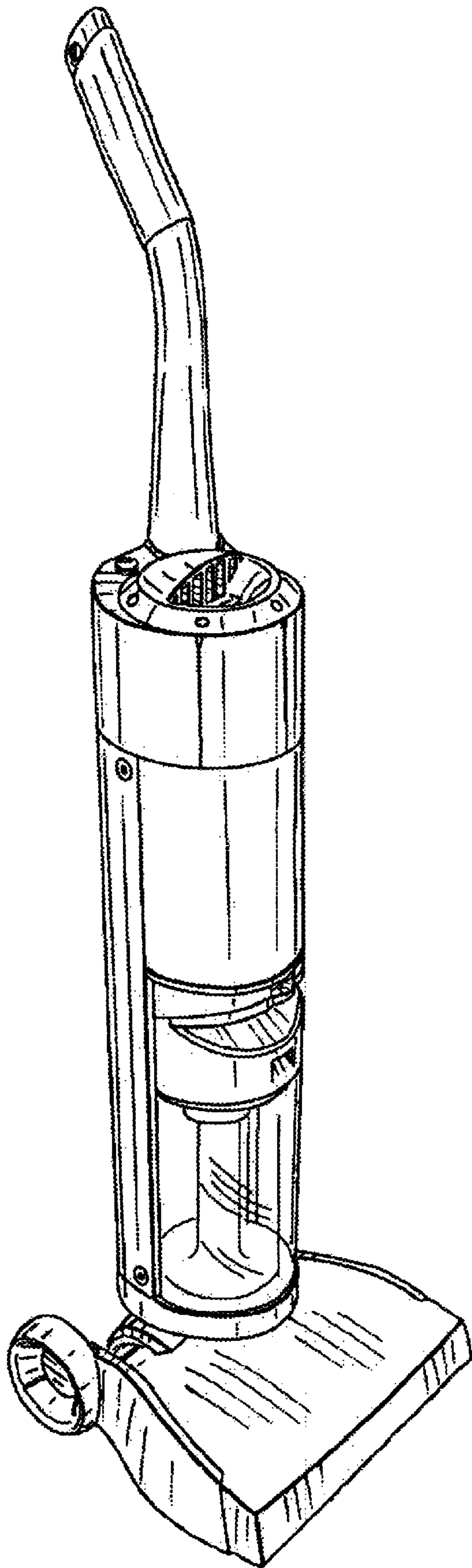


FIG. 2

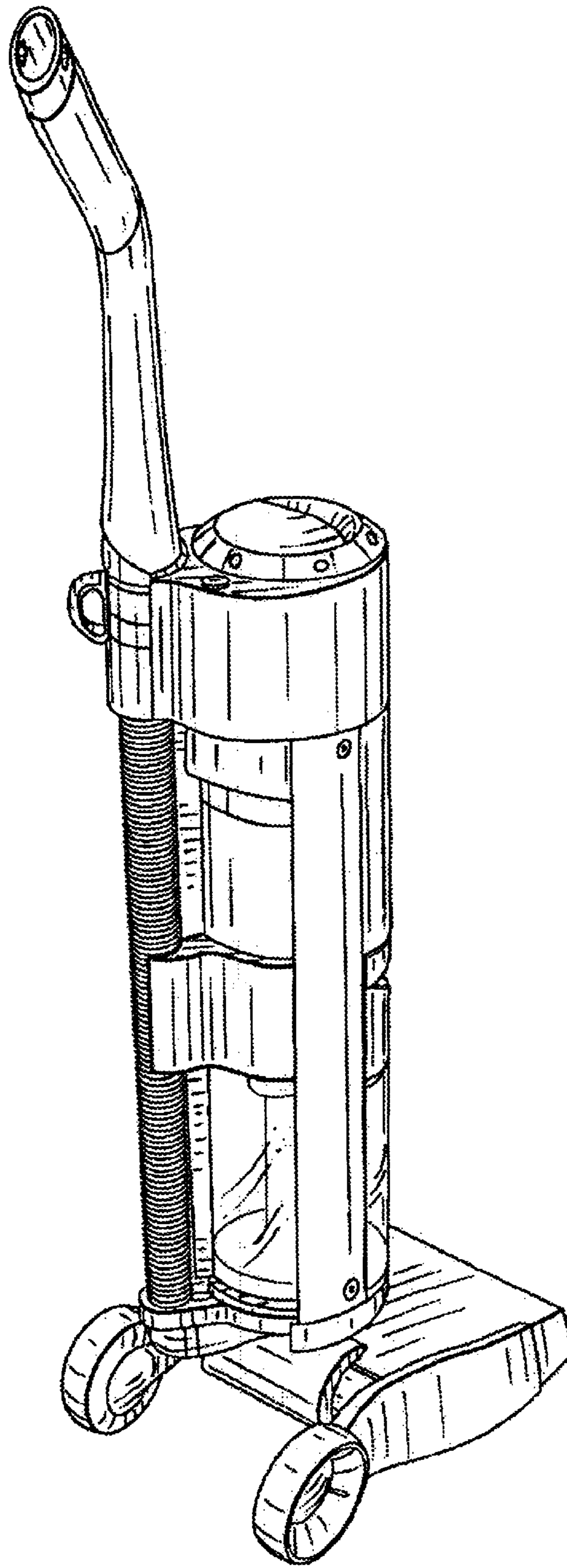


FIG. 3

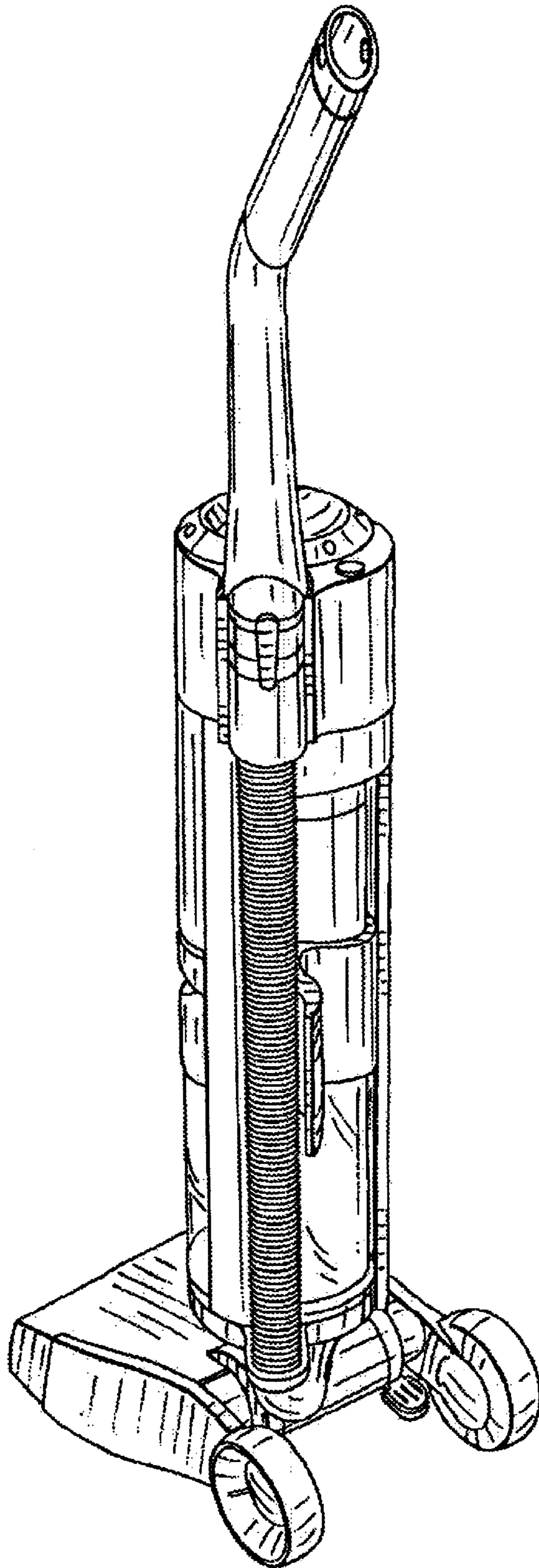


FIG. 4

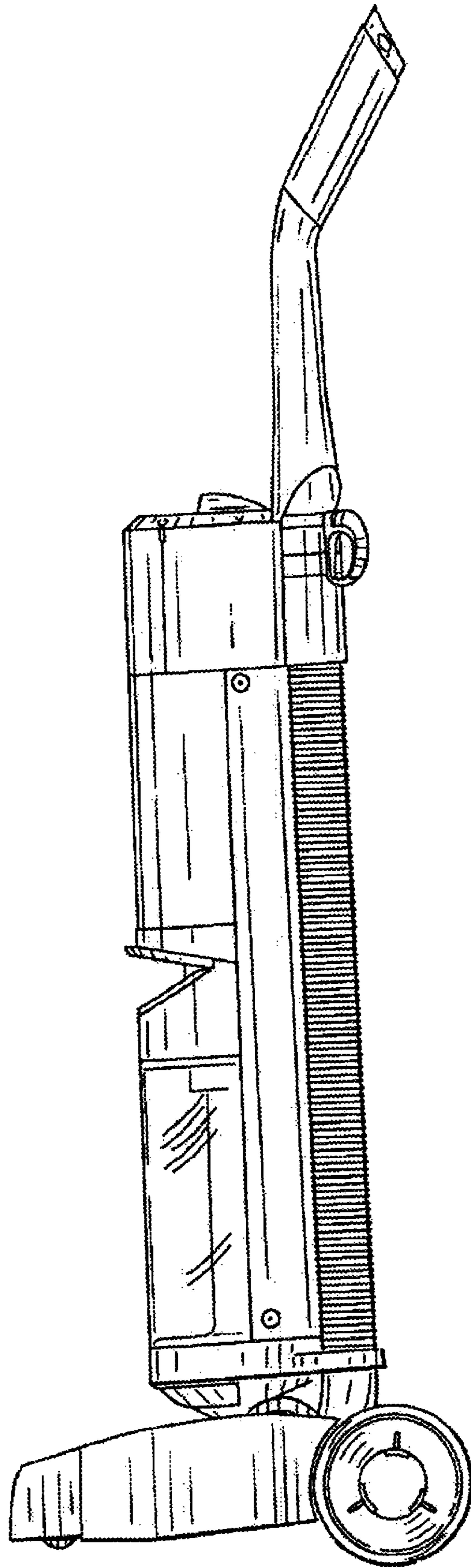


FIG. 5

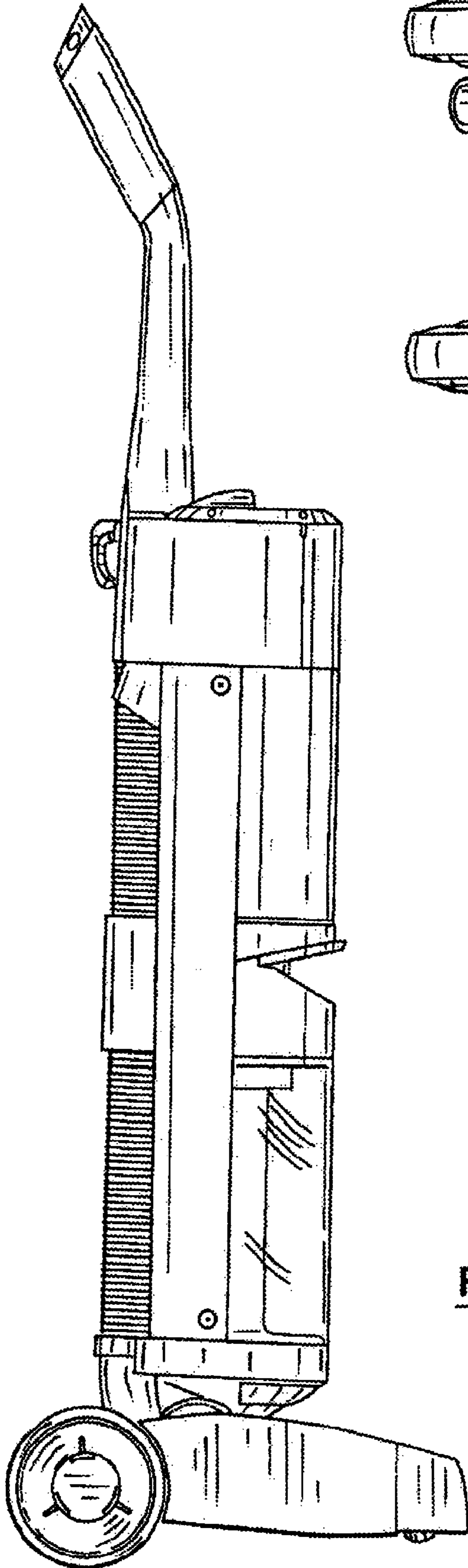


FIG. 6

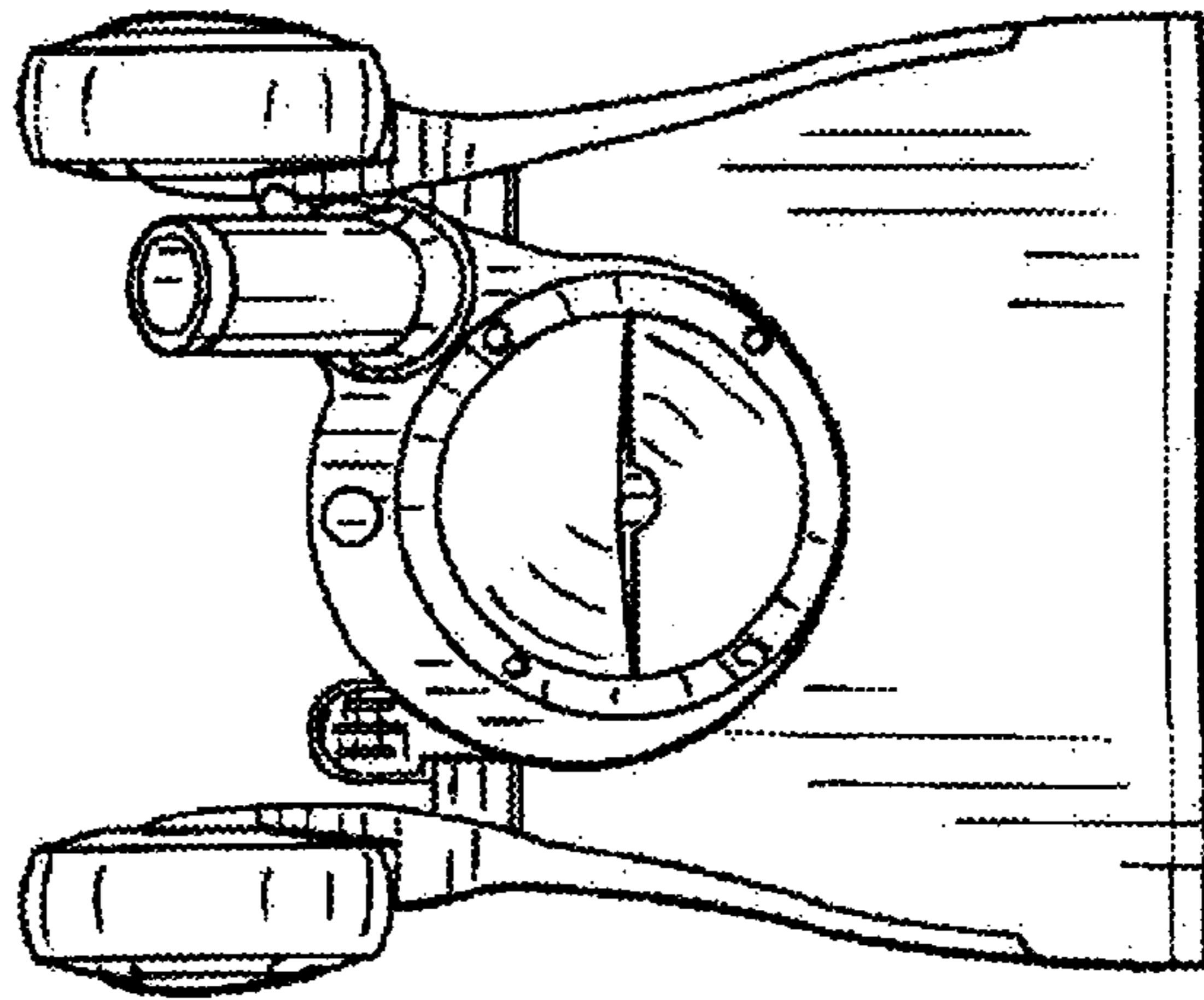


FIG. 7

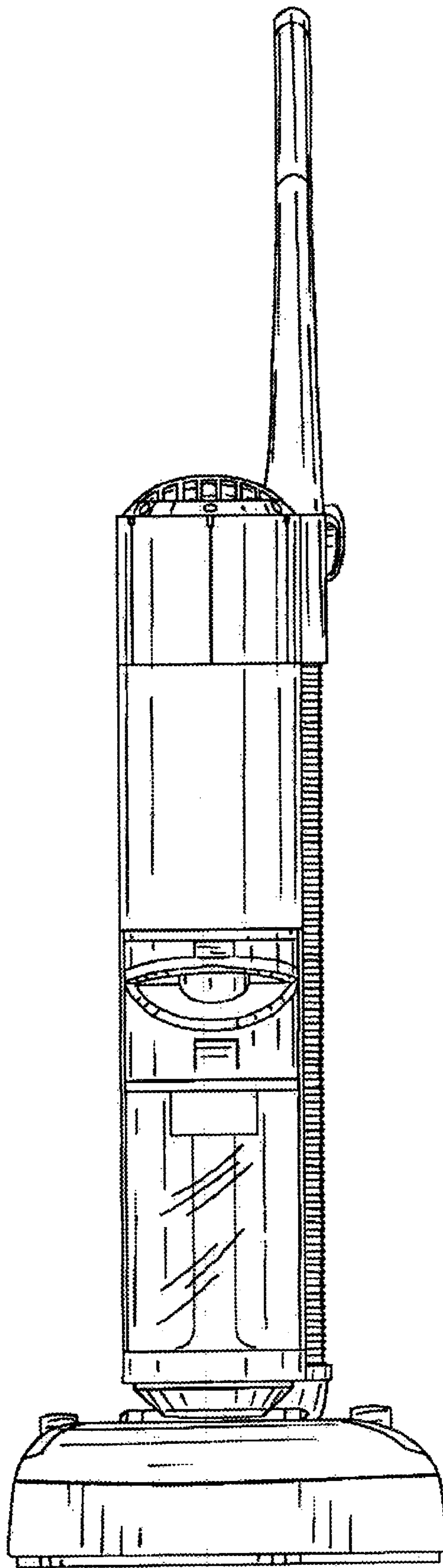


FIG. 8



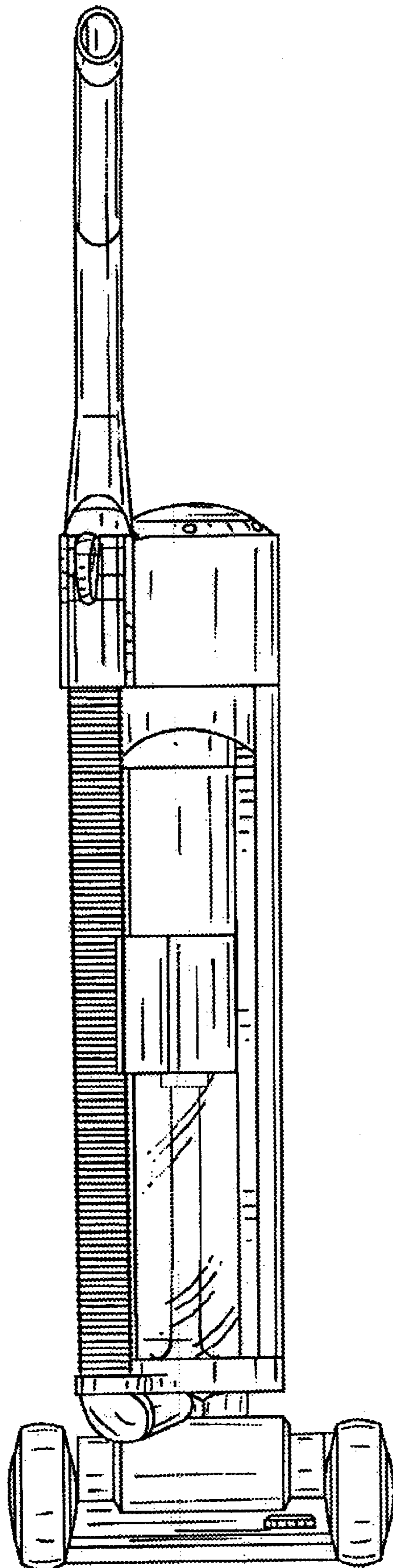


FIG. 9

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des 455,876 S  
DATED : April 16, 2002  
INVENTOR(S) : Arney, Mike et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Please insert the following **Foreign Application Priority Data**


-- [30] **Foreign Application Priority Data**

November 25, 1999 [CA] Canada ..... 1999-2856 --

Signed and Sealed this

Eighteenth Day of June, 2002

*Attest:*



*Attesting Officer*

JAMES E. ROGAN  
*Director of the United States Patent and Trademark Office*