



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

Primary Examiner—Ruth McInroy

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

(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**

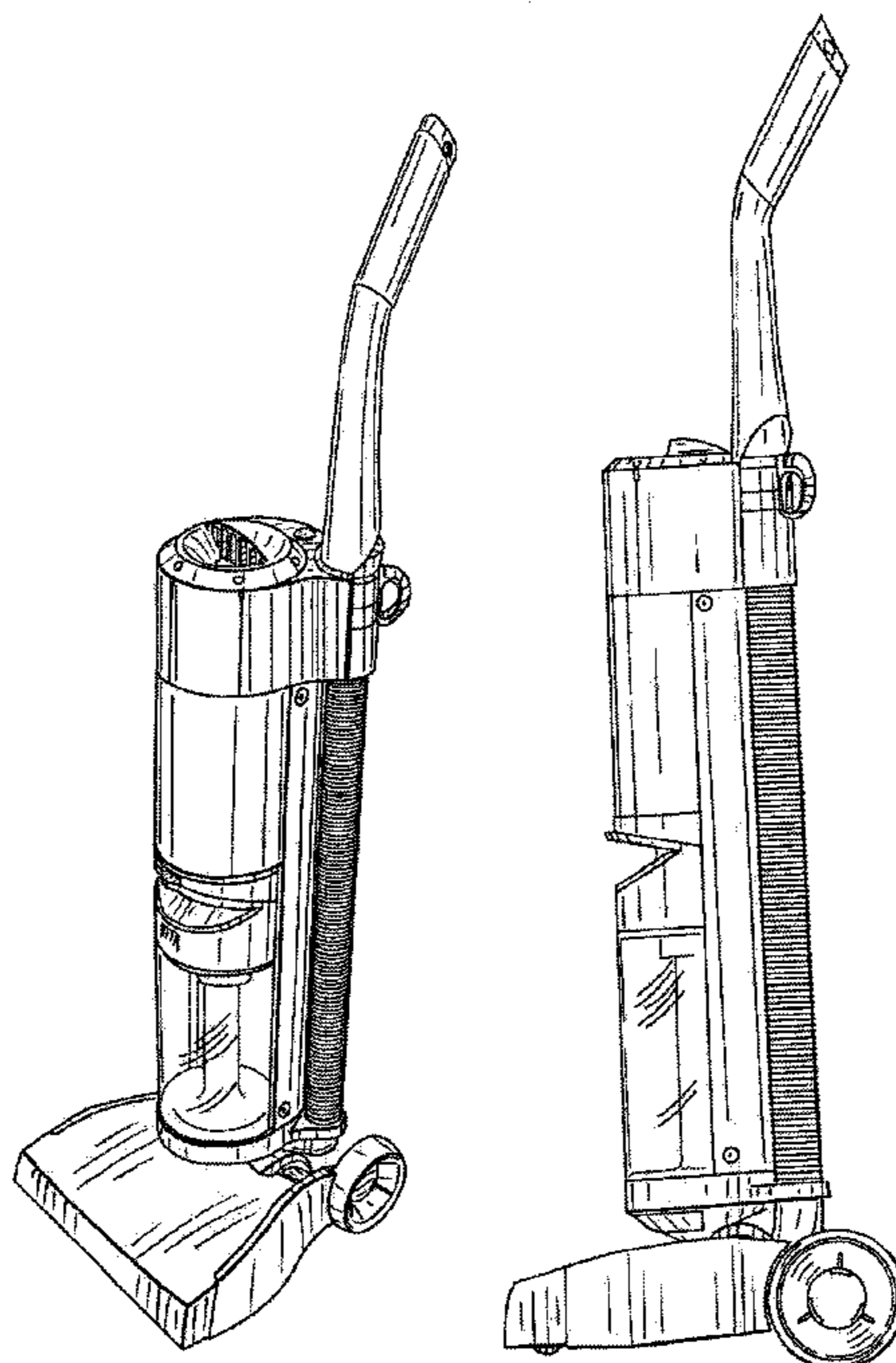
U.S. PATENT DOCUMENTS

- 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



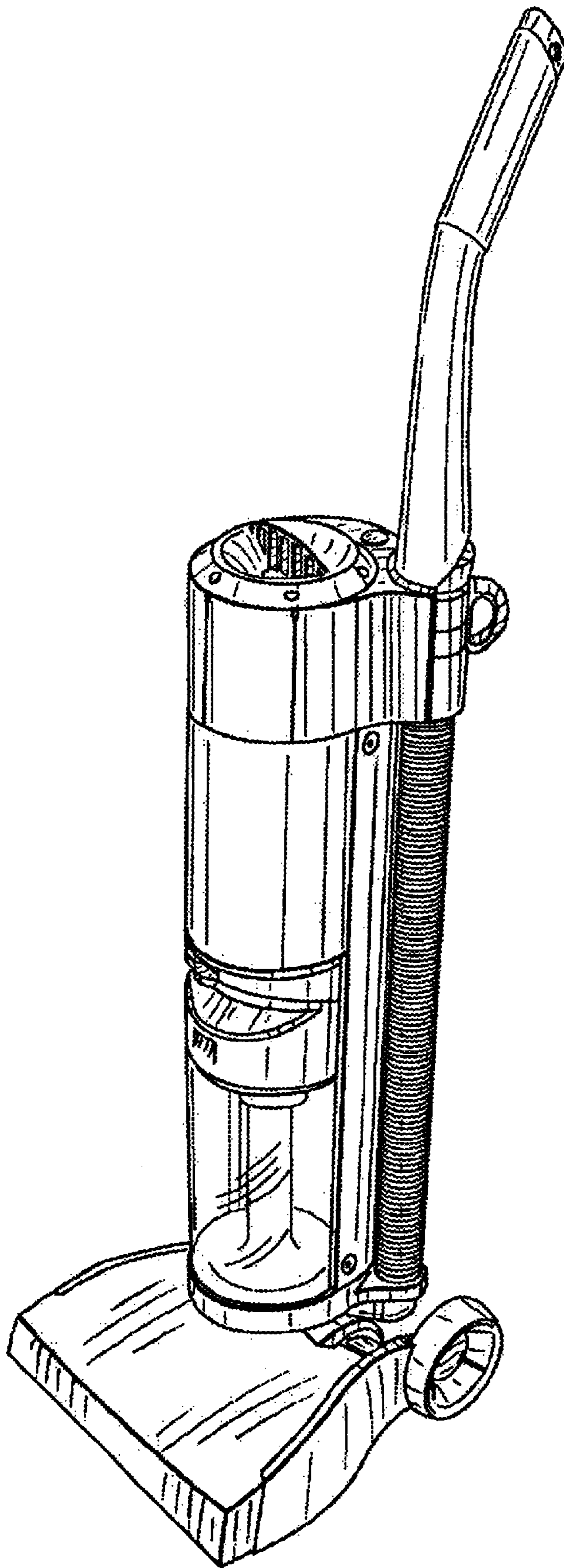


FIG. 1

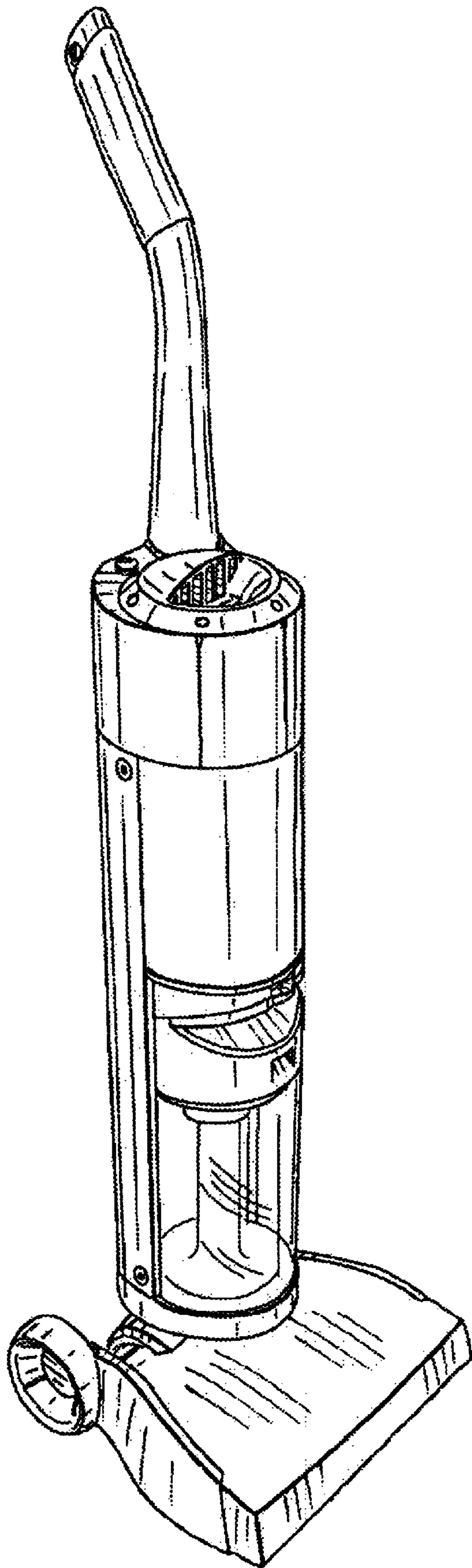


FIG. 2

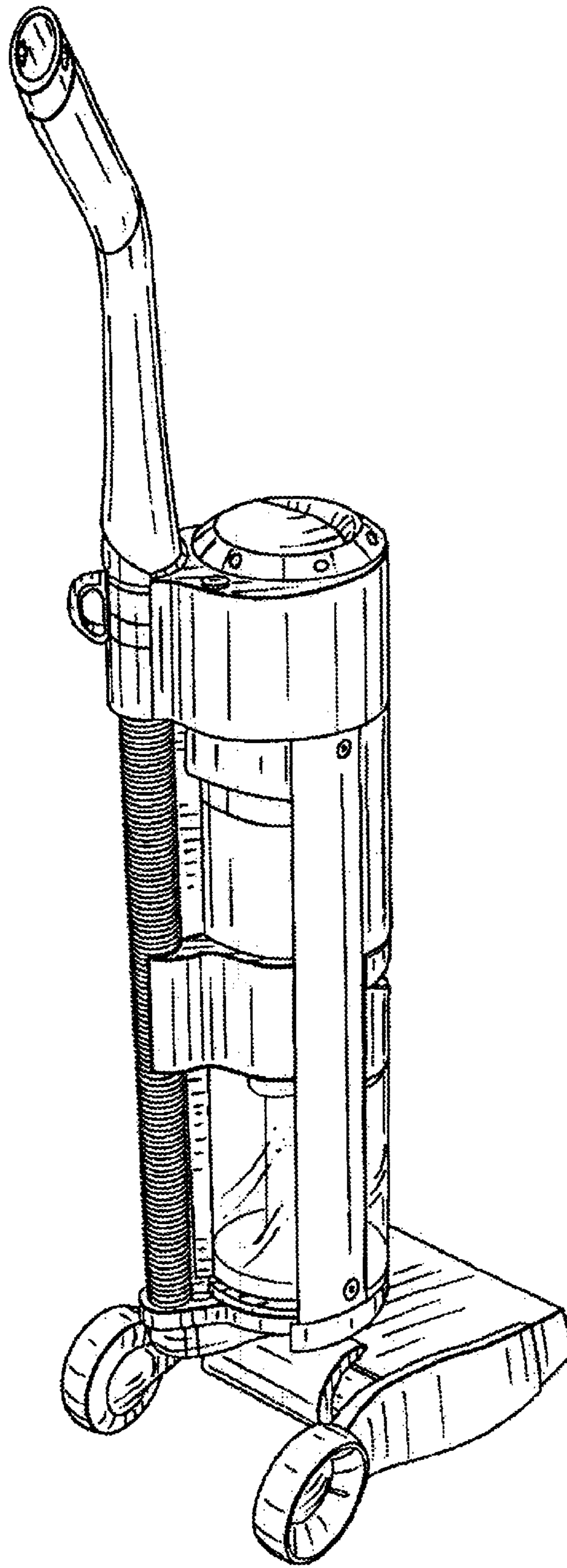


FIG. 3

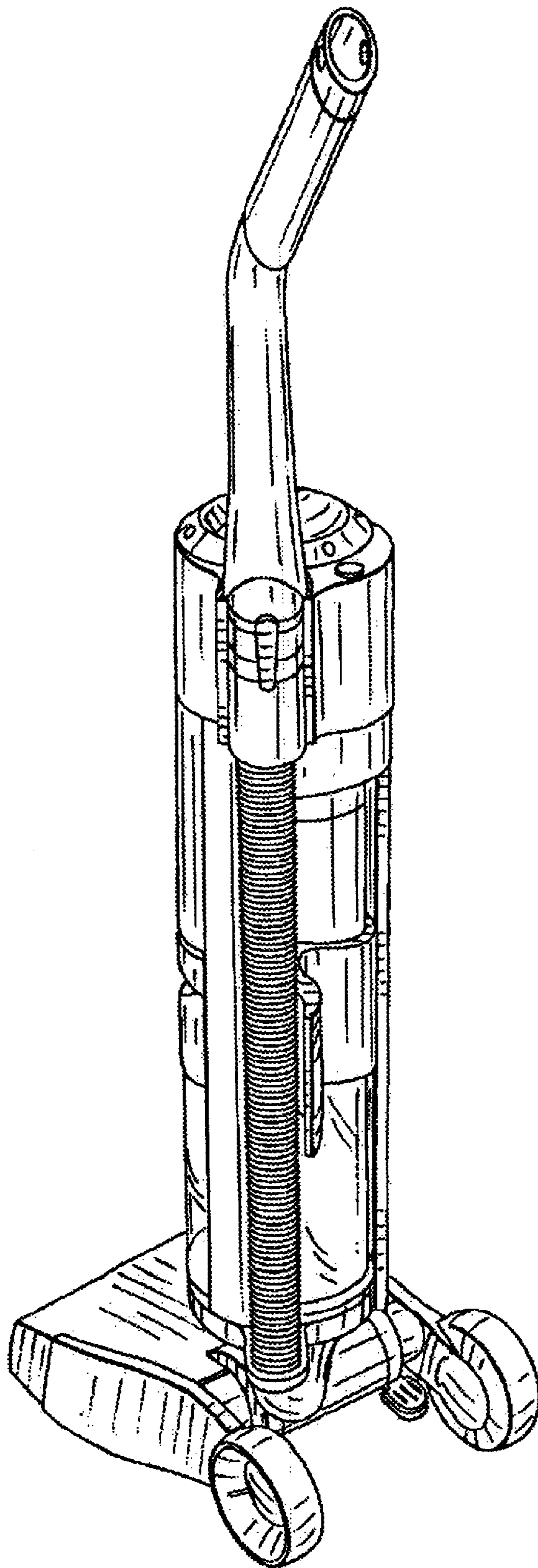


FIG. 4

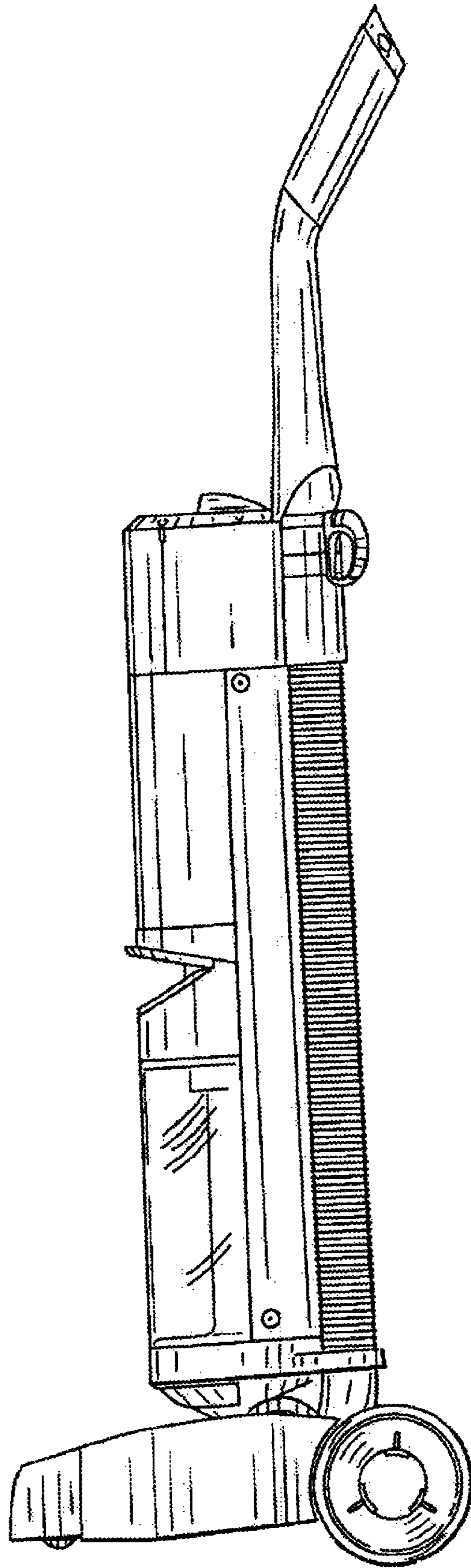


FIG. 5

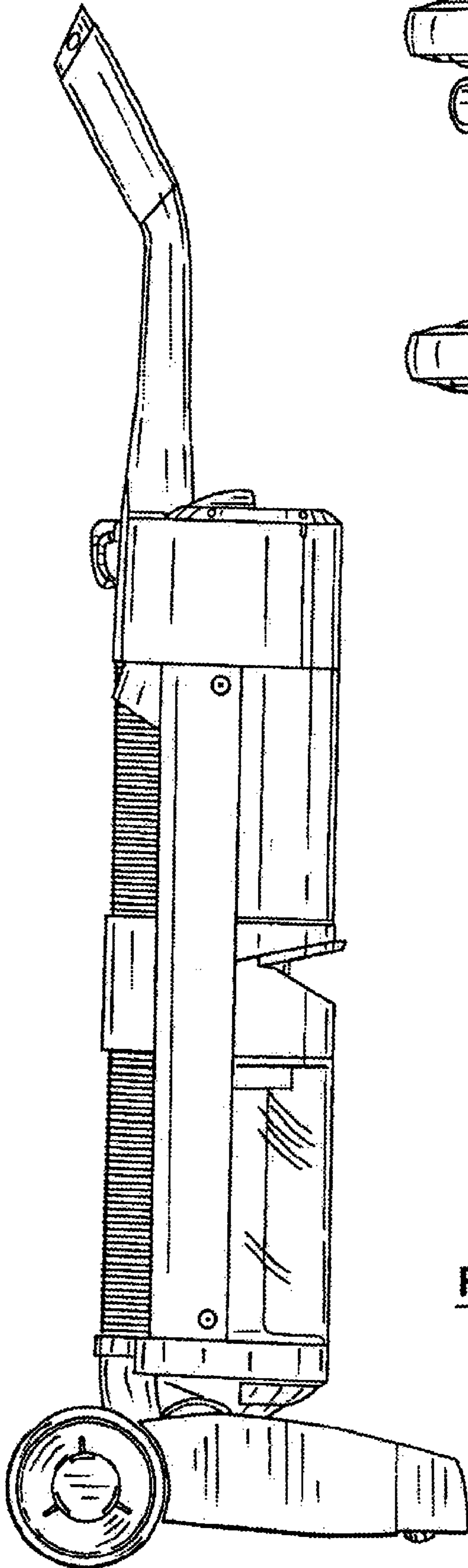


FIG. 6

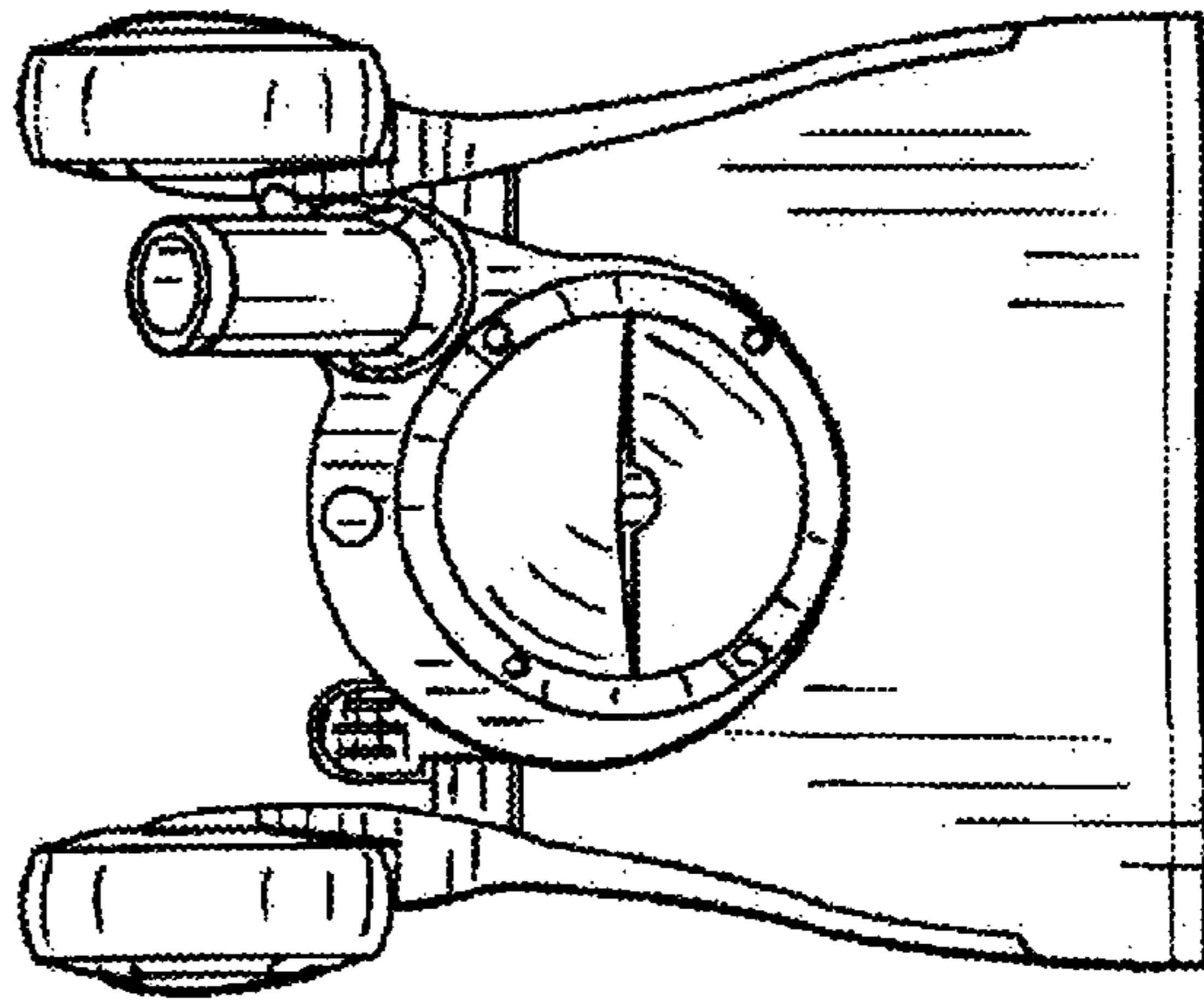


FIG. 7

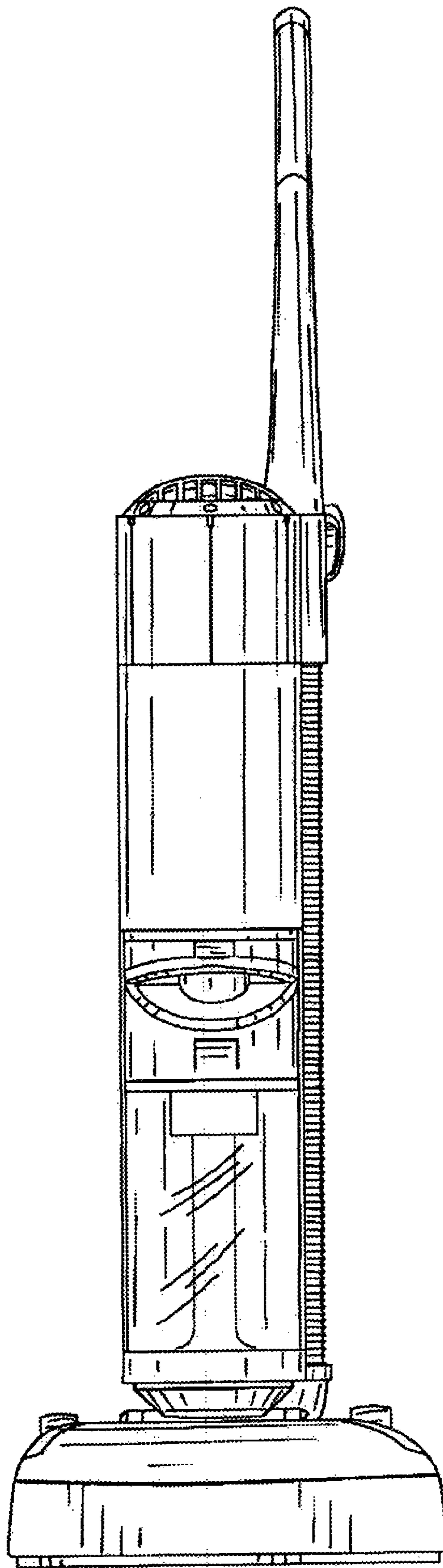


FIG. 8

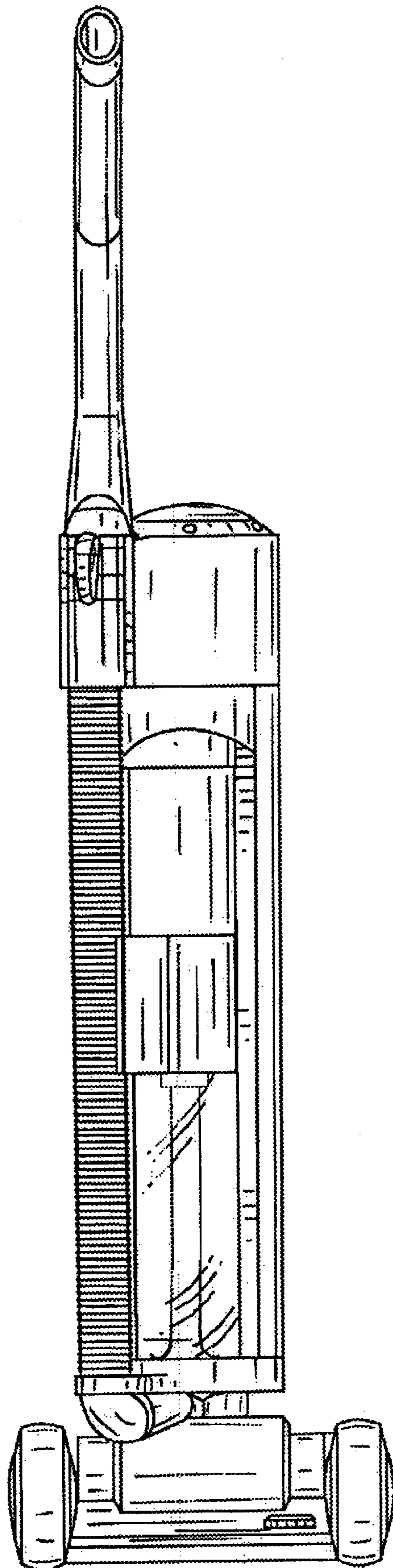


FIG. 9

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