



US00D516760S

(12) **United States Design Patent**  
**Choi**

(10) **Patent No.:** **US D516,760 S**  
(45) **Date of Patent:** **\*\* Mar. 7, 2006**

(54) **VACUUM CLEANER**  
(75) **Inventor:** **Kyu Kwan Choi, Anyang-shi (KR)**  
(73) **Assignee:** **LG Electronics Inc., Seoul (KR)**  
(\*\*) **Term:** **14 Years**

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(21) **Appl. No.:** **29/217,849**  
(22) **Filed:** **Nov. 24, 2004**  
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Jun. 9, 2004 (KR) ..... 30-2004-0017184

(51) **LOC (8) Cl.** ..... **15-05**  
(52) **U.S. Cl.** ..... **D32/22**  
(58) **Field of Classification Search** ..... D32/17-18,  
D32/21-22, 25, 30-34; 15/320-321, 323,  
15/327.1, 335, 347, 350-353, 361, 329, 410,  
15/412; 56/459.1-459.2, 449, DIG. 3, 426,  
56/337, 345, 429, 467, 472; 95/271; 210/787,  
210/806, 512.1, 512.2

See application file for complete search history.

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(57) **CLAIM**

I claim the ornamental design for a vacuum cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a vacuum cleaner showing my new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left-side elevation view thereof;  
FIG. 5 is a right-side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 4 Drawing Sheets**

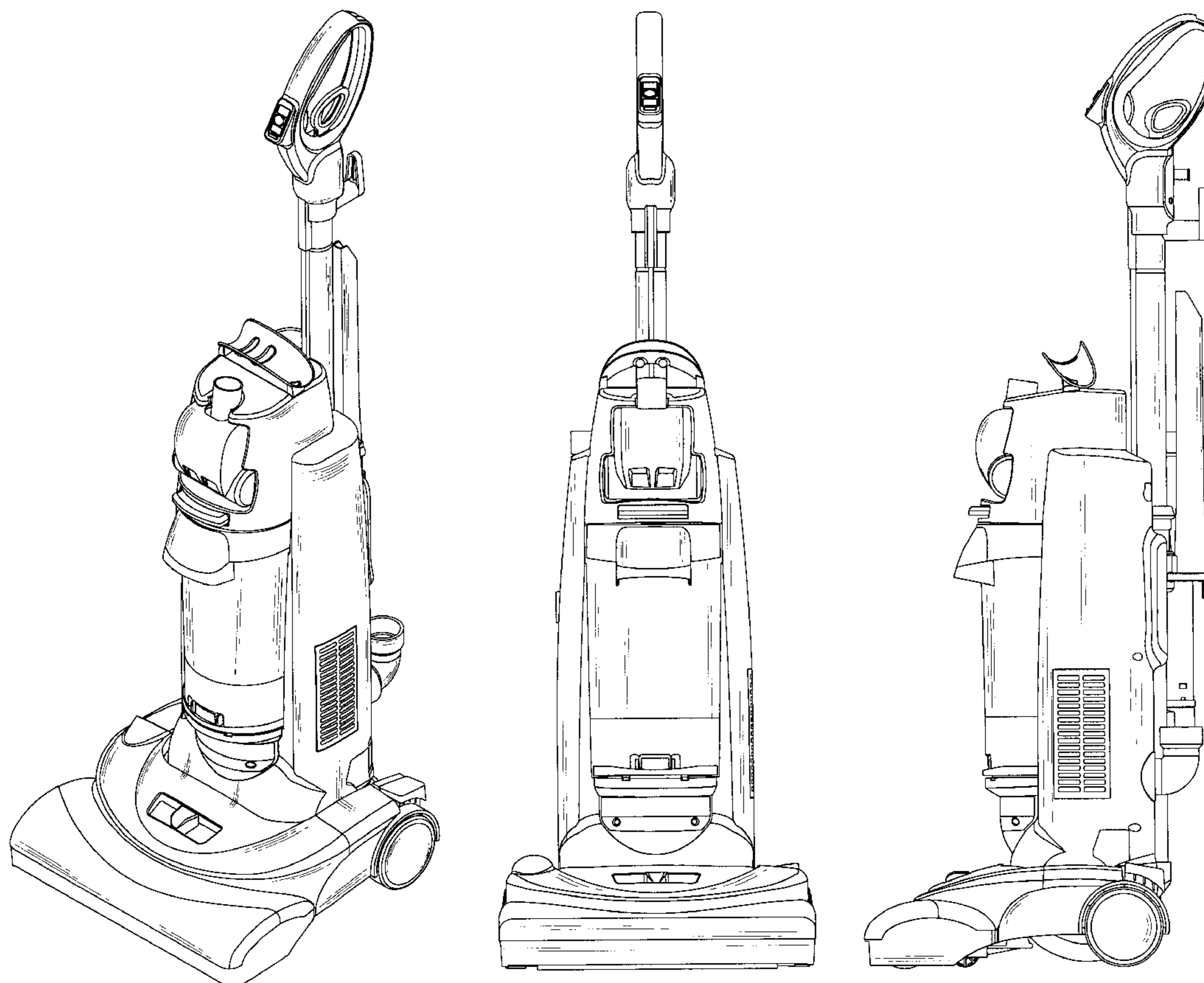


FIG. 1

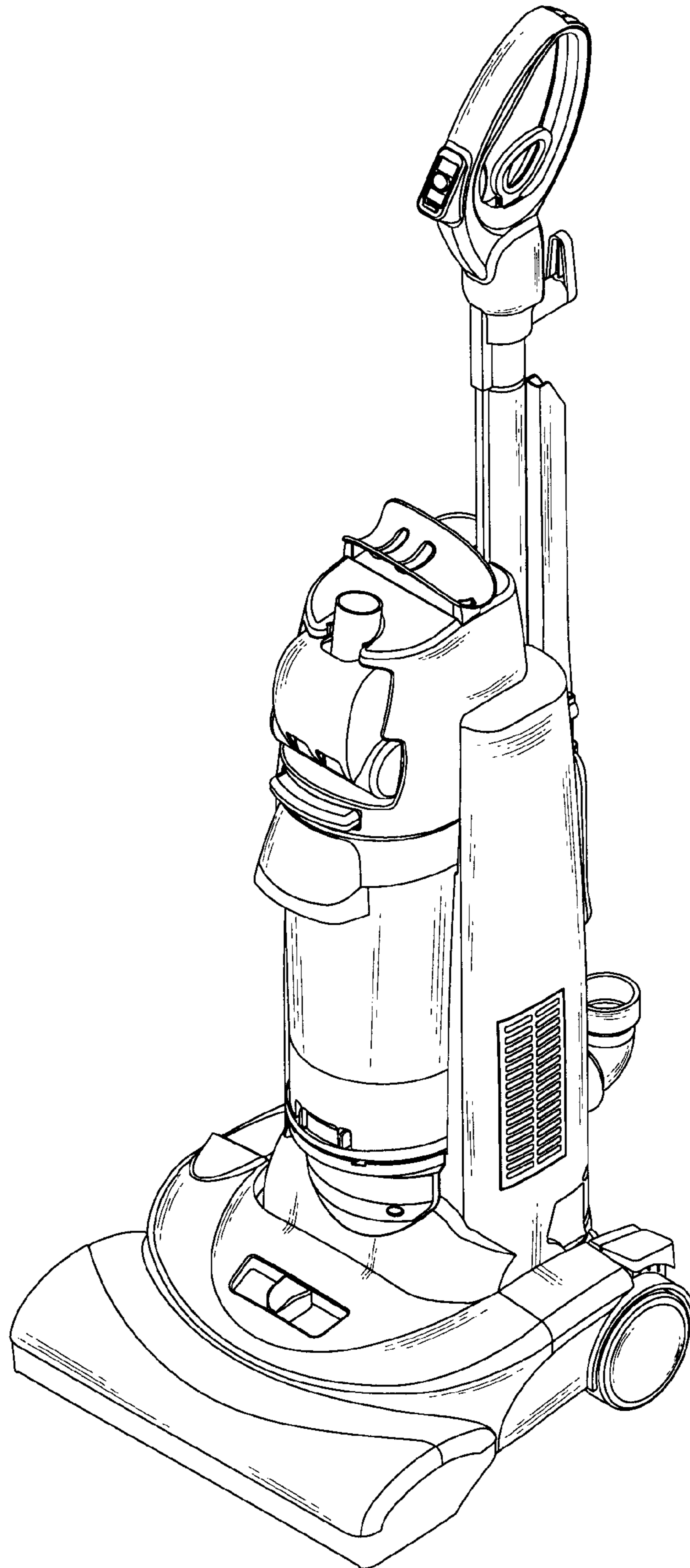


FIG. 2

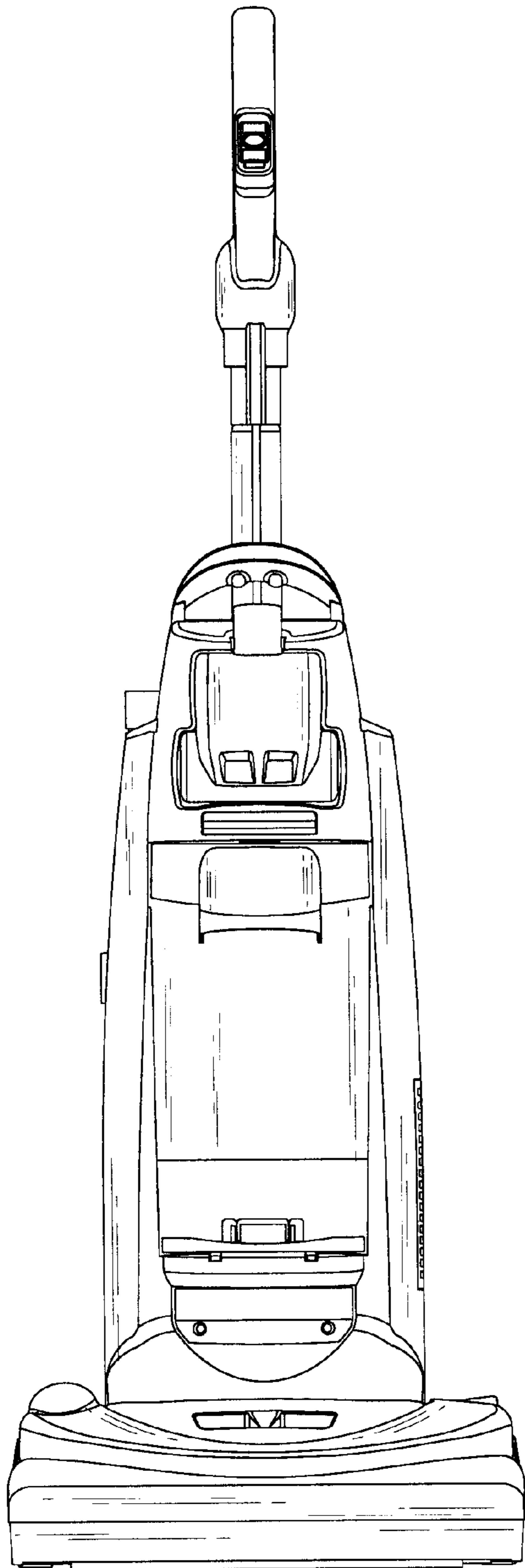


FIG. 3

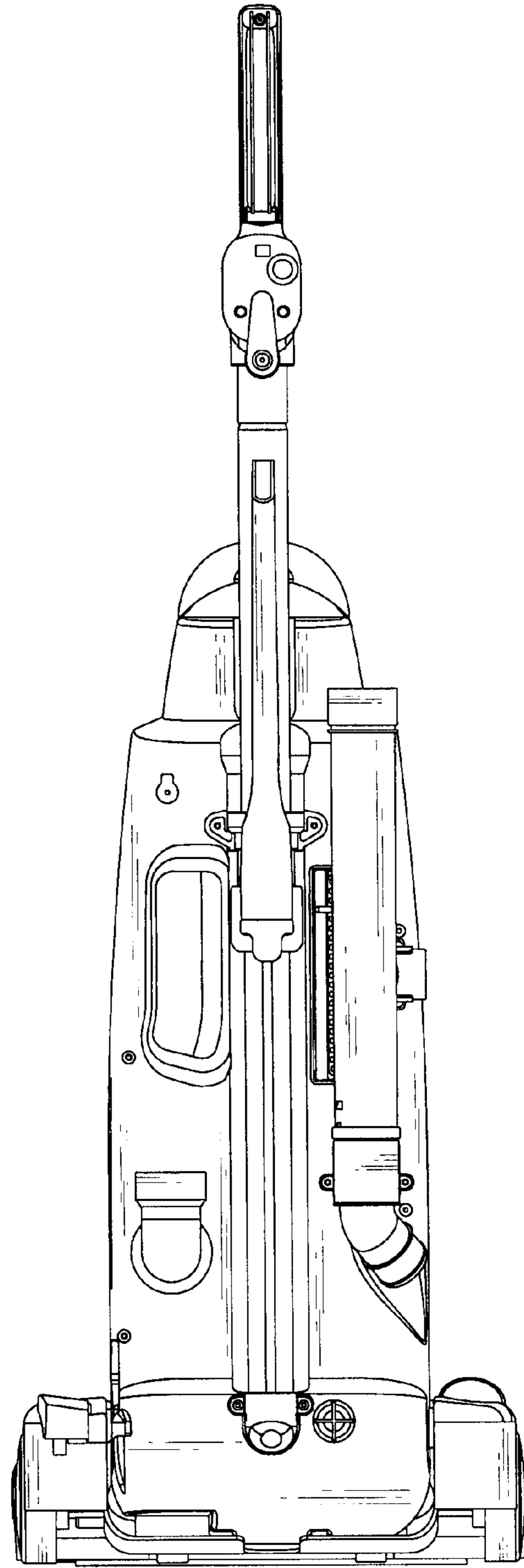


FIG. 4

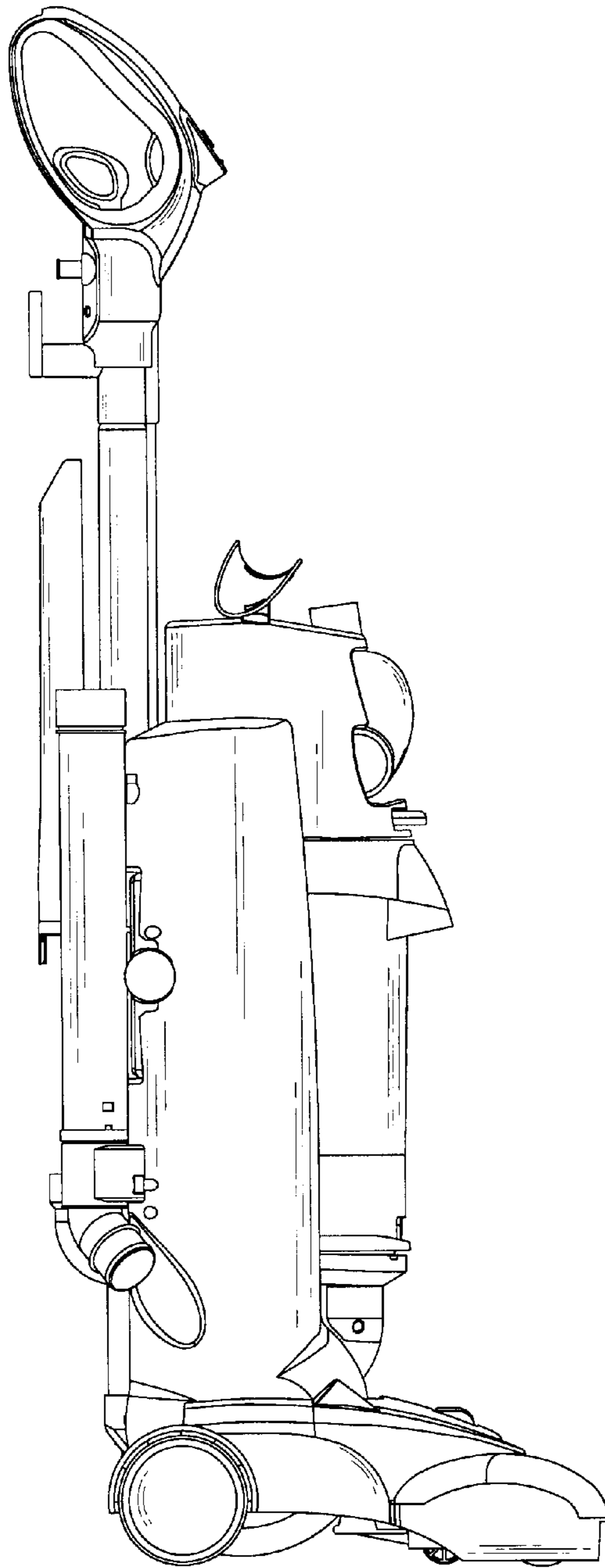


FIG. 5

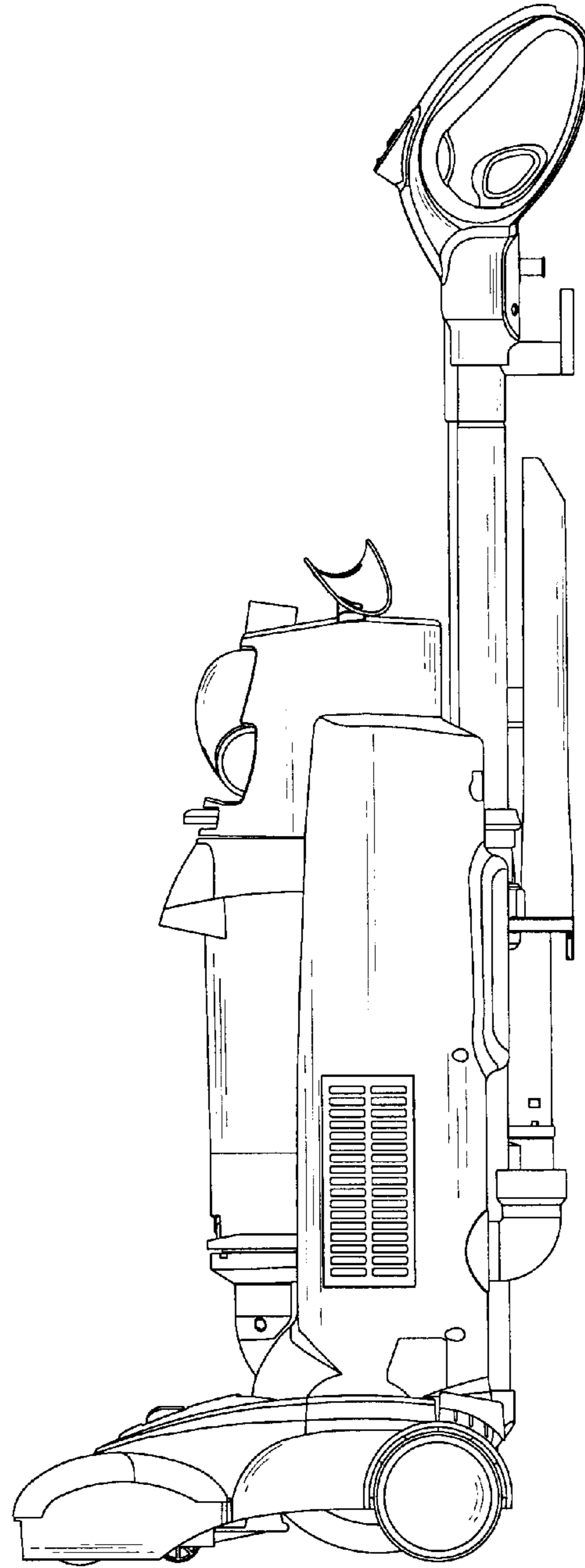


FIG. 6

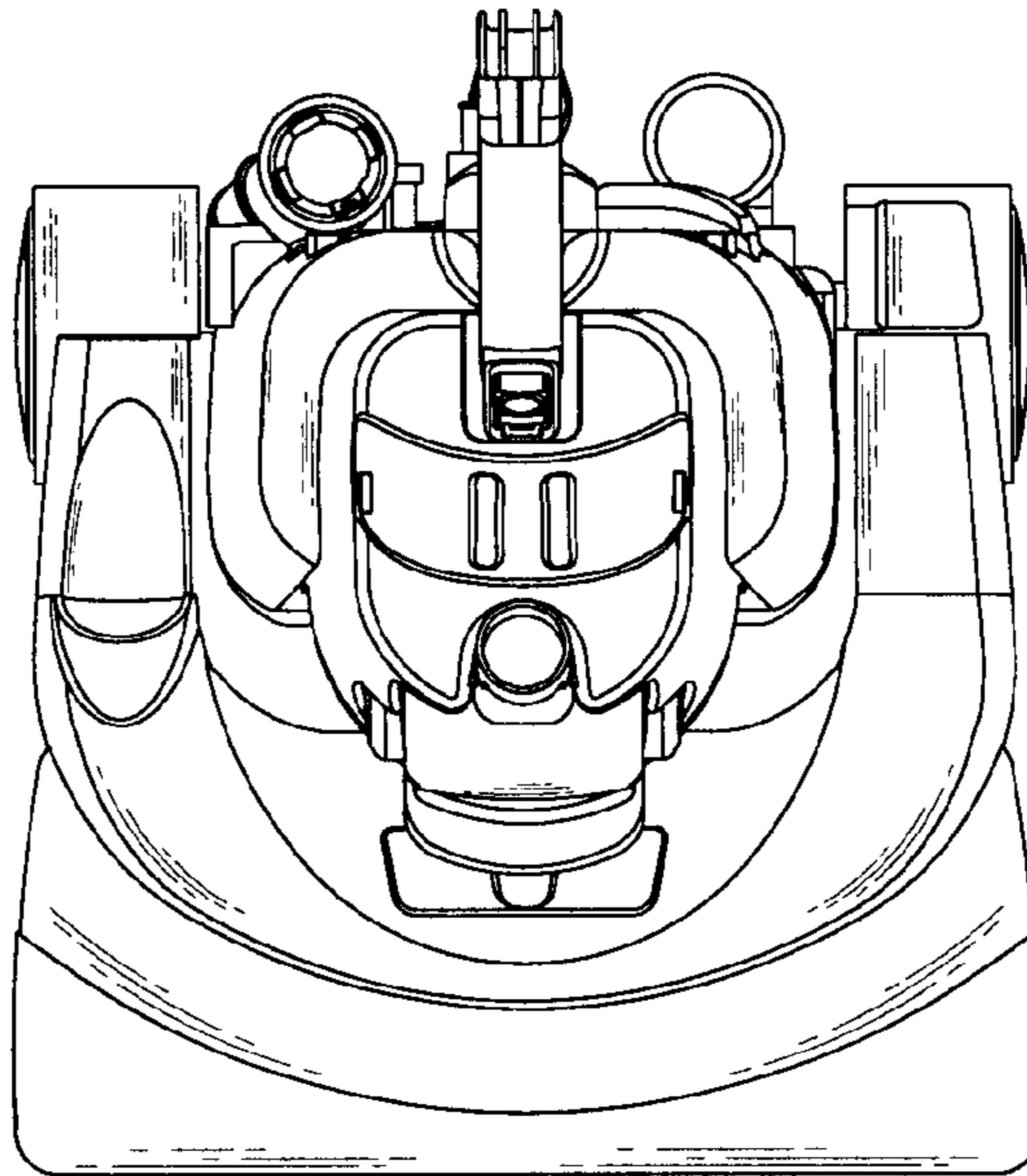


FIG. 7

