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

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(54) **VACUUM CLEANER**

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(73) Assignee: **LG Electronics Inc.**, Seoul (KR)

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

(21) Appl. No.: **29/229,785**

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** ..... **15-05**

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

(58) **Field of Classification Search** ..... D32/22,  
D32/31; 15/222, 320-322, 326, 329, 347,  
15/350, 352-354, 361, 410, 412, 415.1; 55/337,  
55/345, 459.1, 429, DIG. 3

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown.

**DESCRIPTION**

FIG. 1 is a front, left perspective view of the vacuum cleaner showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

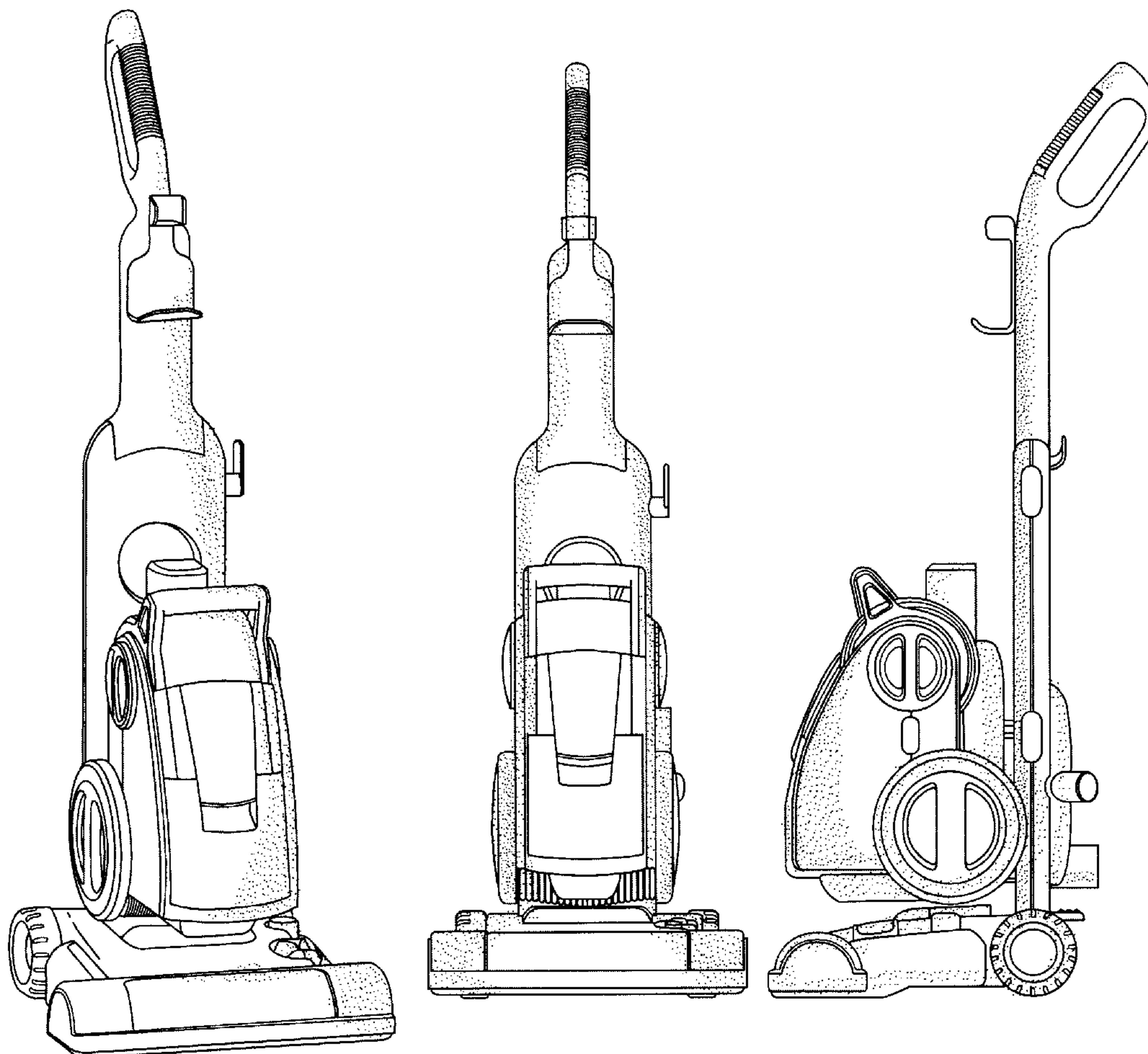
FIG. 4 is a left side view thereof;

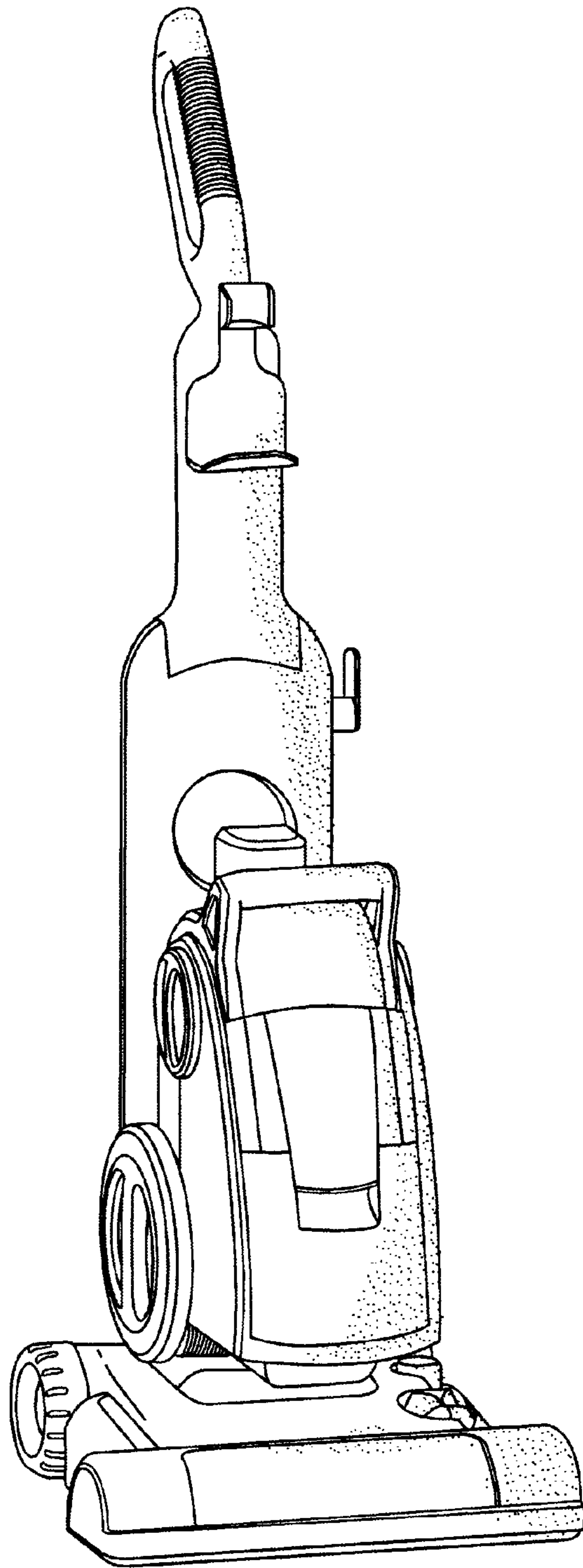
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

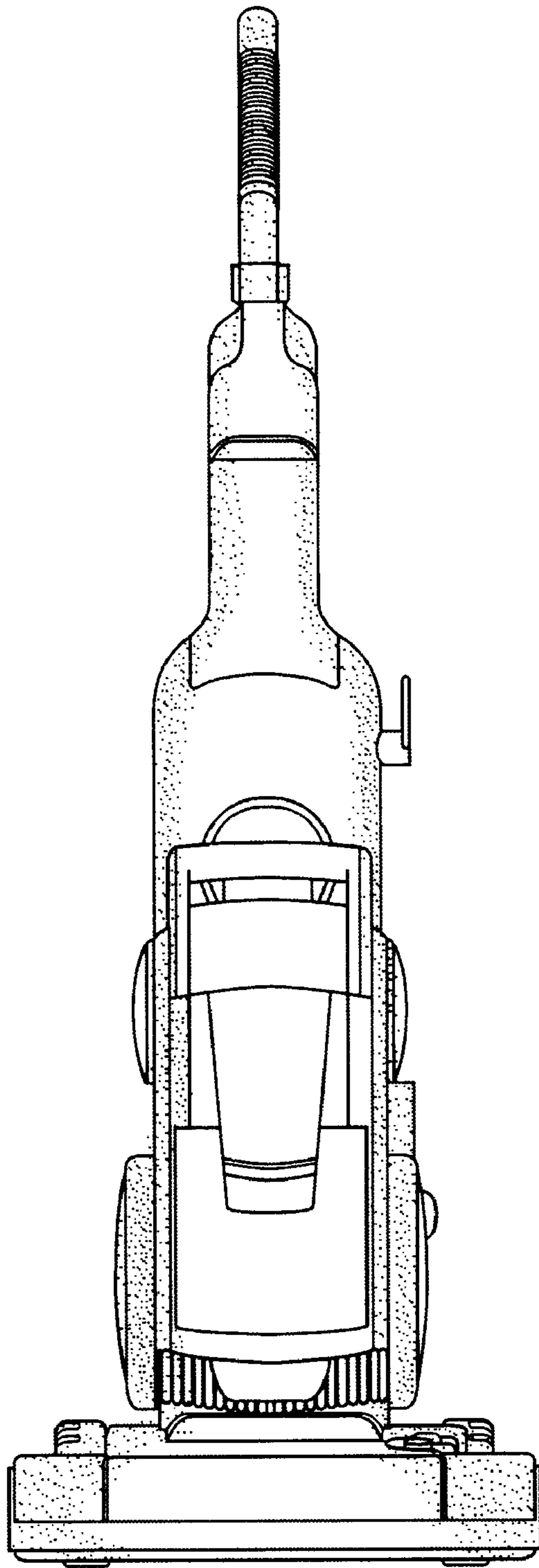
FIG. 7 is a bottom view thereof.

**1 Claim, 6 Drawing Sheets**

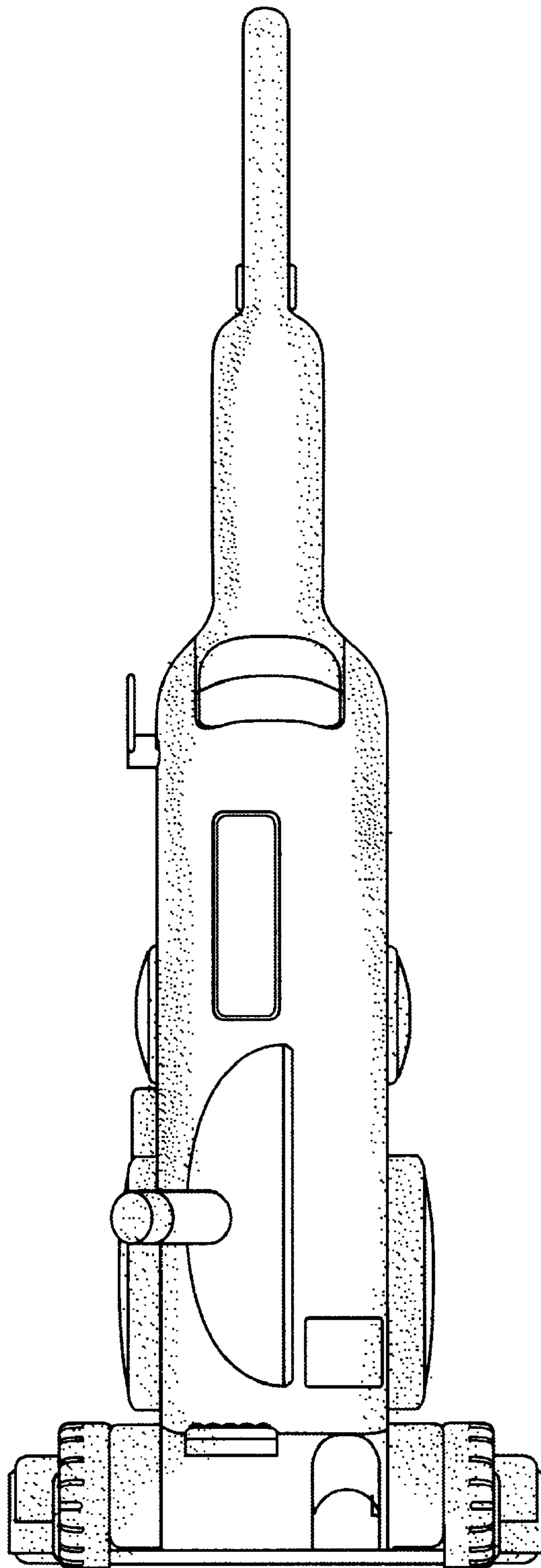




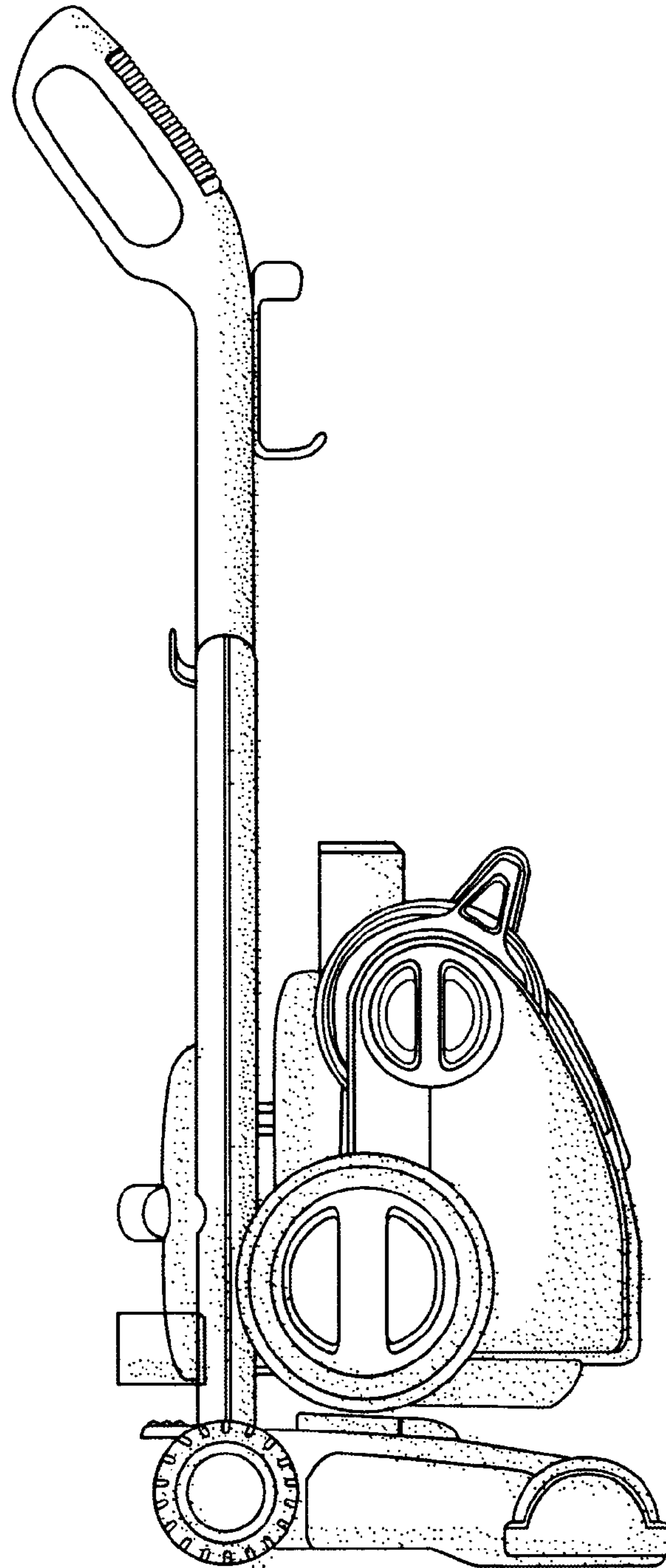
**FIG. 1**



**FIG. 2**

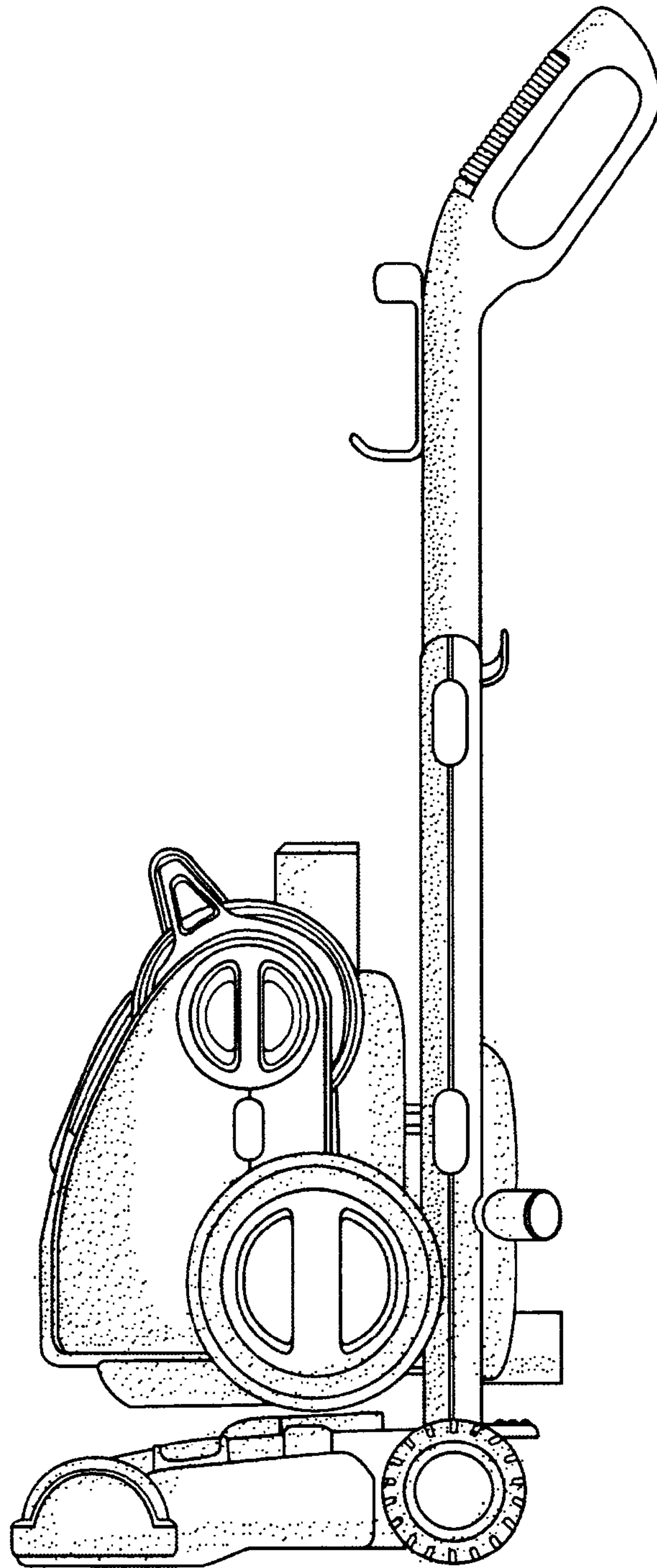


**FIG. 3**

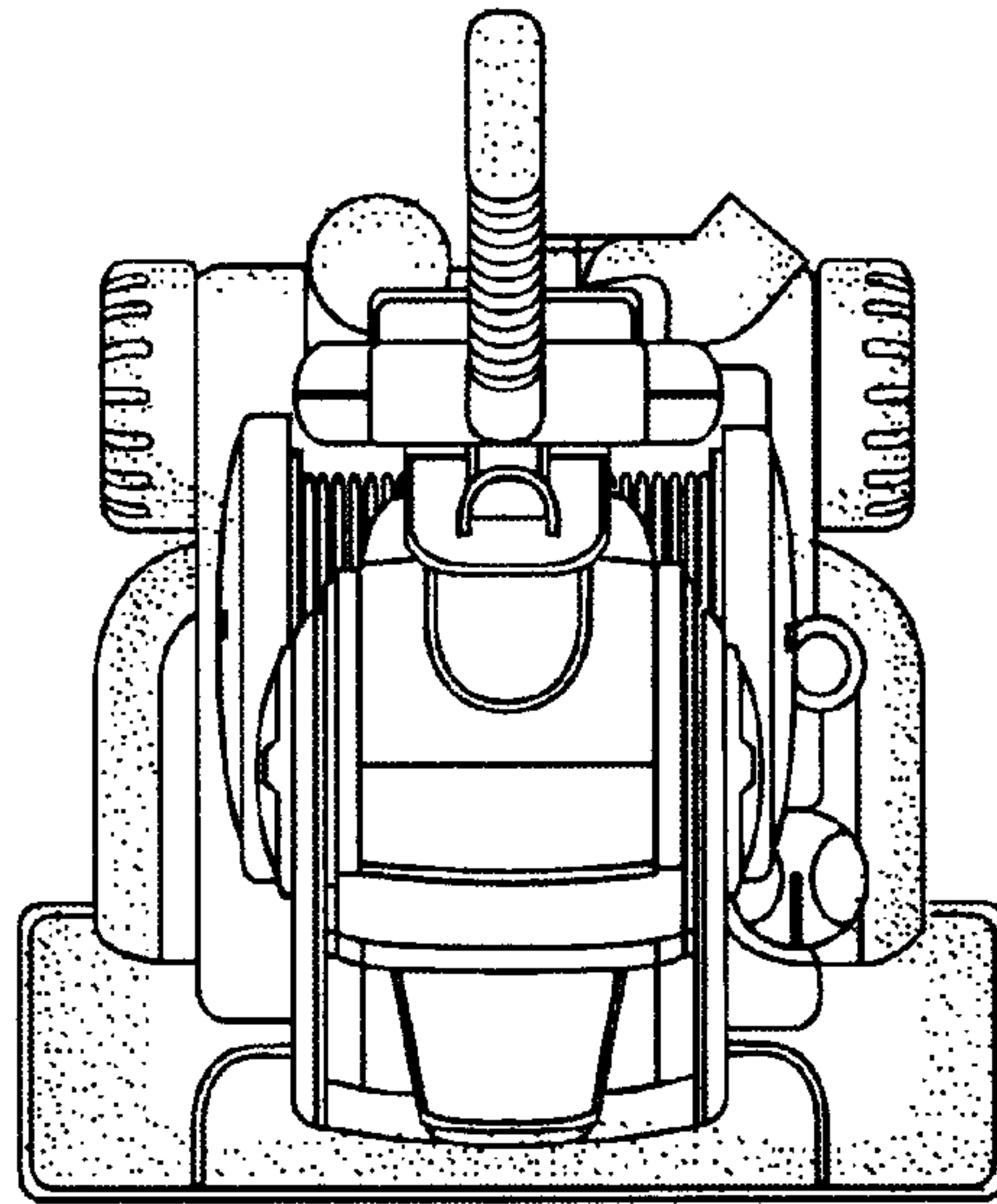


**FIG. 4**

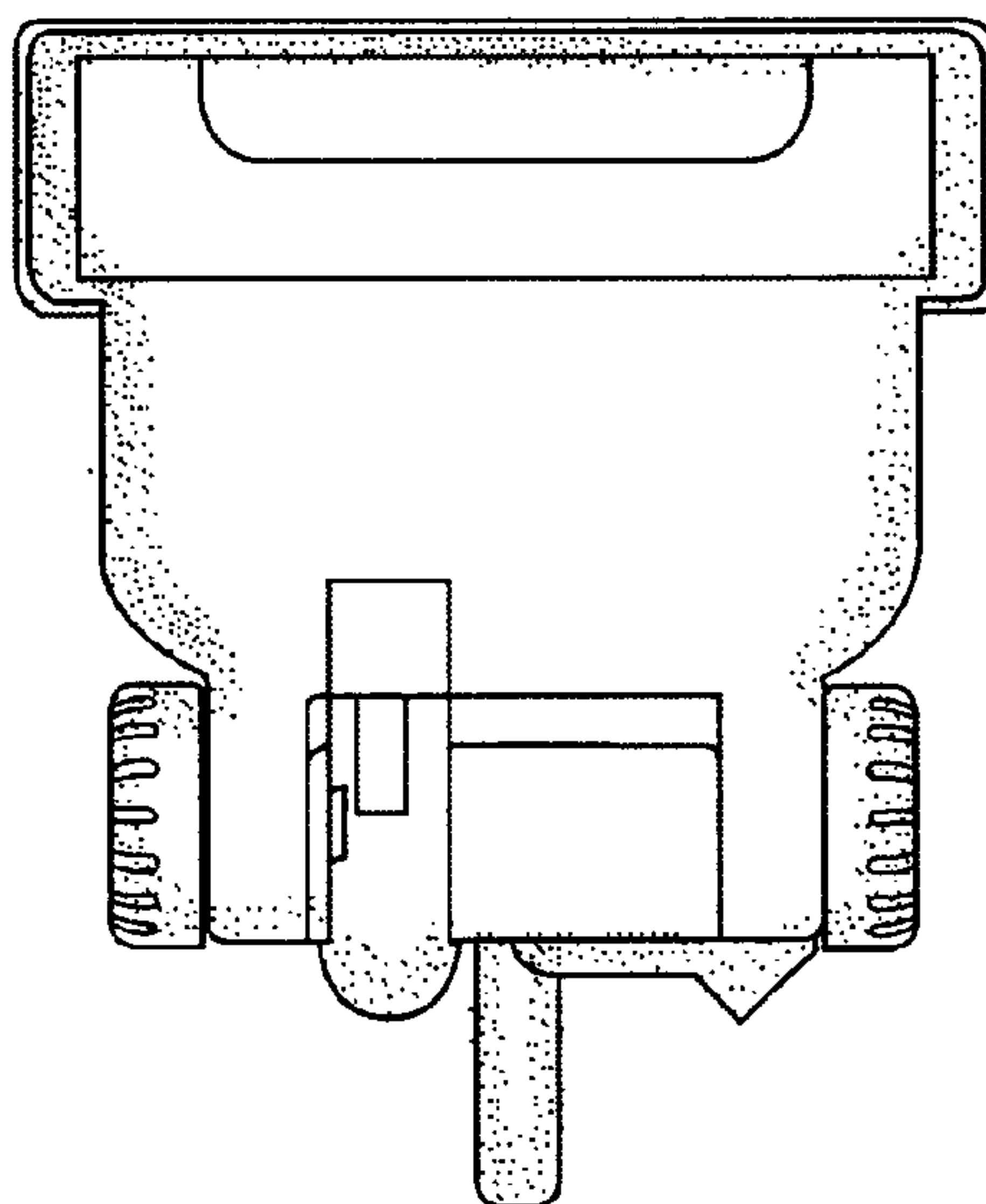




**FIG. 5**



**FIG. 6**



**FIG. 7**