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

(10) **Patent No.:** **US D463,077 S**

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(54) **VACUUM CLEANER**

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Kyungsangnam-Do (KR)

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

(21) Appl. No.: **29/150,348**

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

(52) **U.S. Cl.** **D32/21**

(58) **Field of Search** D32/17-18, 21-22,
D32/25, 31, 34; 15/320-322, 329, 341,
344, 347, 350-353, 361, 410-411, 377,
323, DIG. 10, 414-422.1

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Primary Examiner—Ruth McInroy

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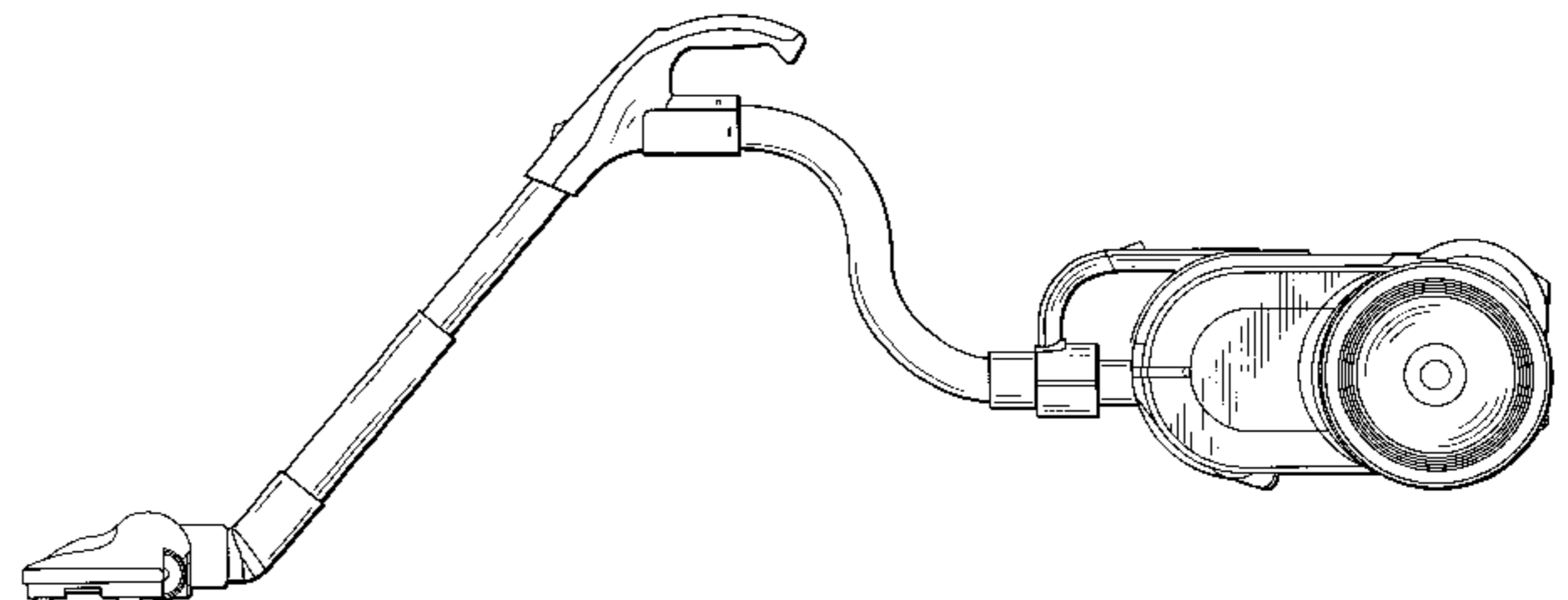
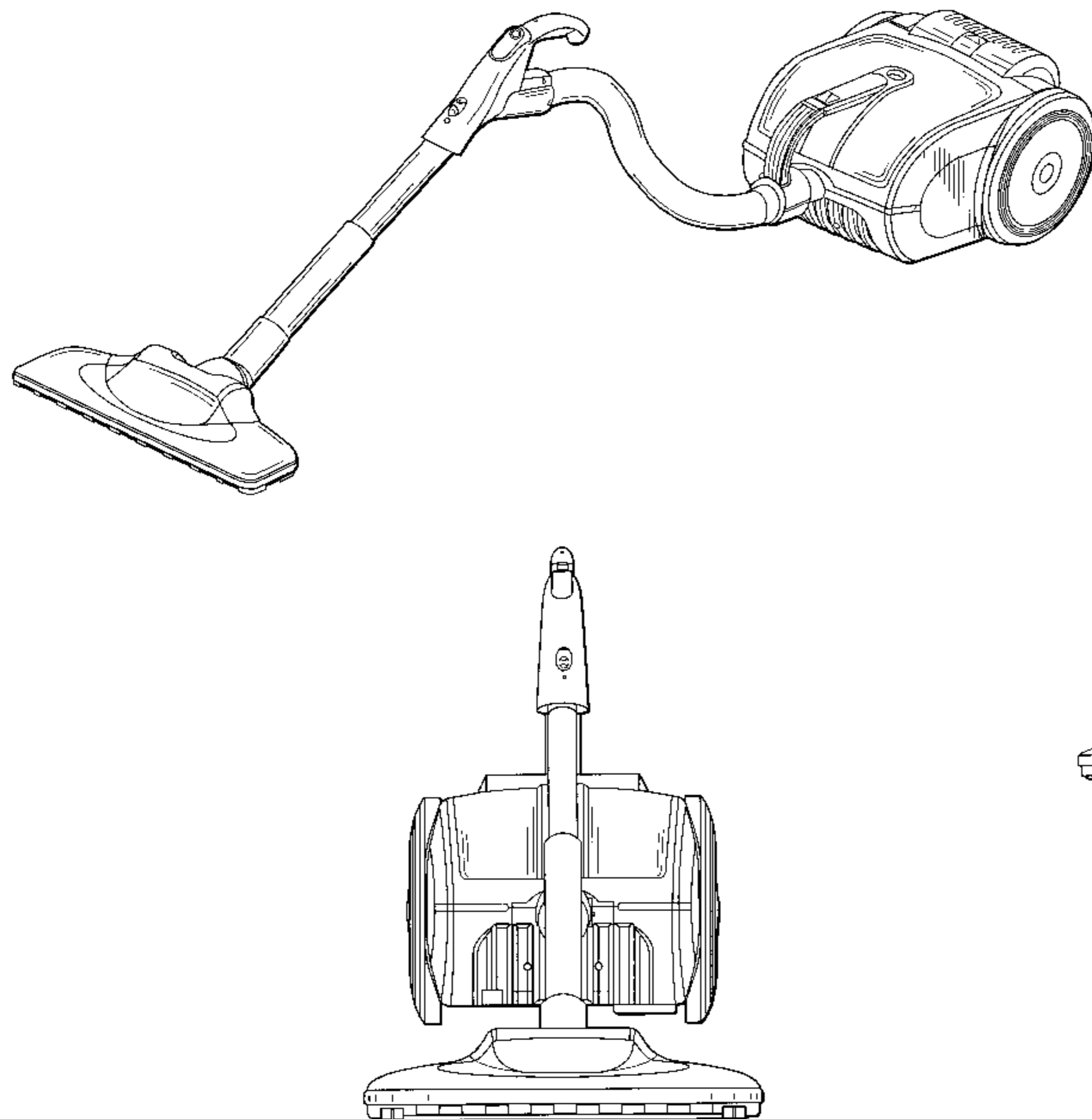
(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown.

DESCRIPTION

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

1 Claim, 7 Drawing Sheets



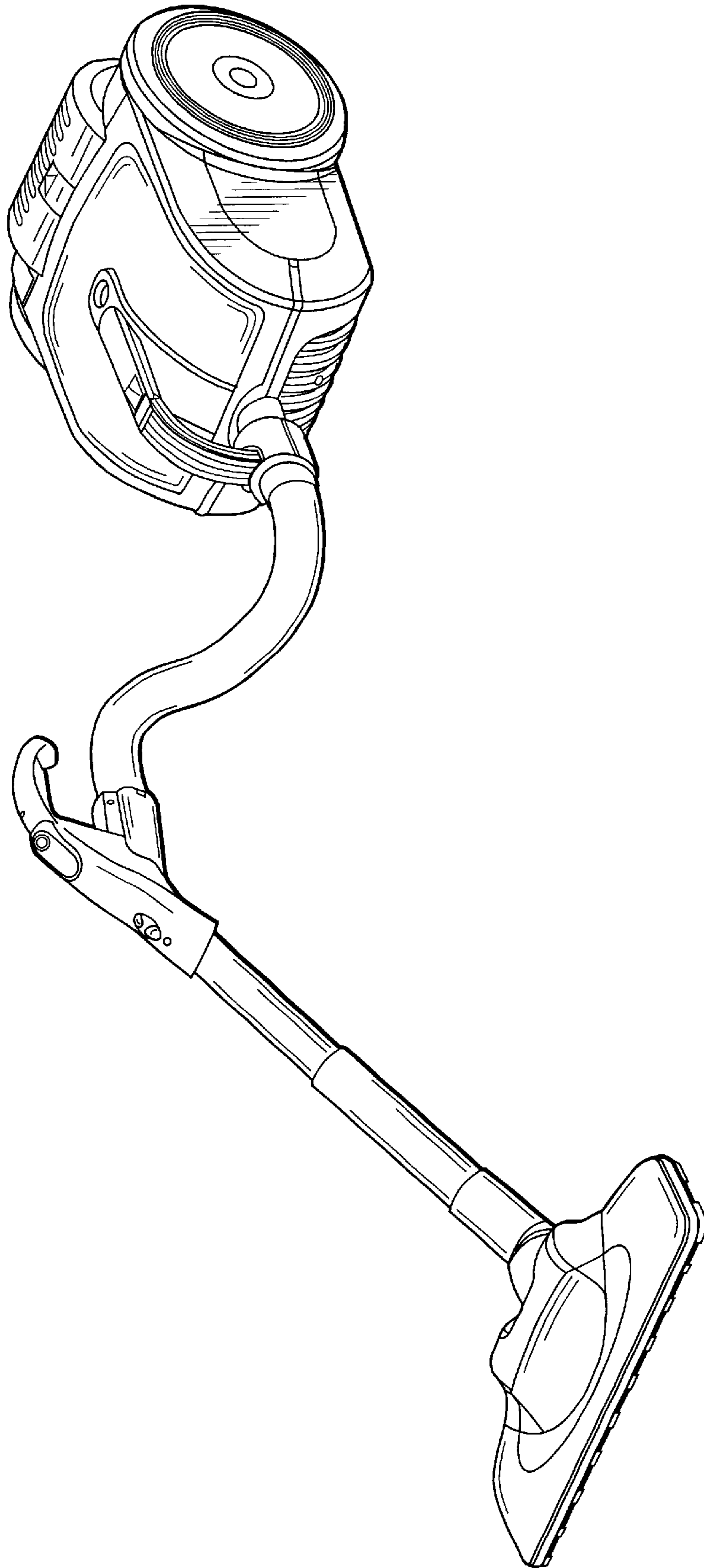


FIG. 1

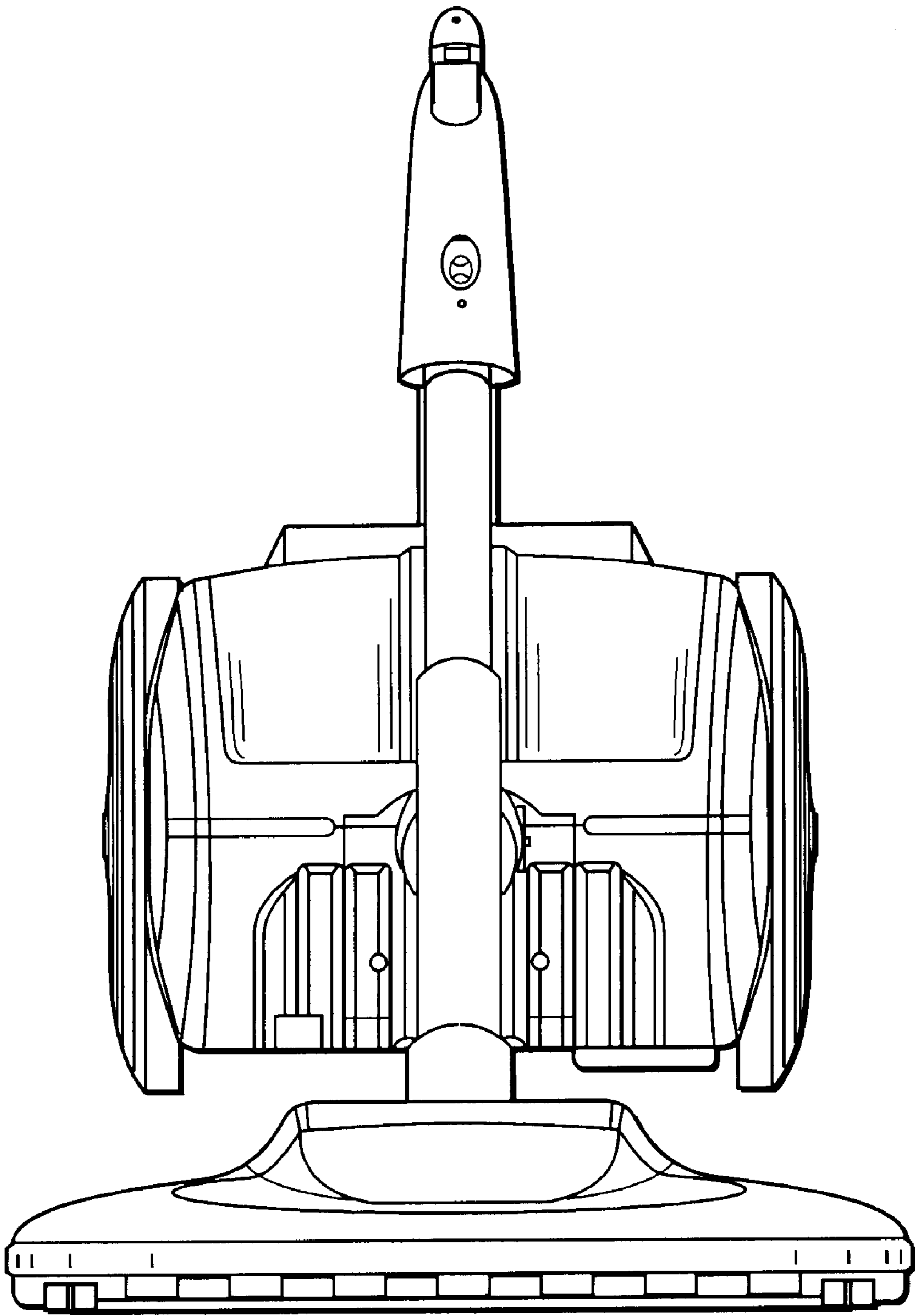


FIG. 2

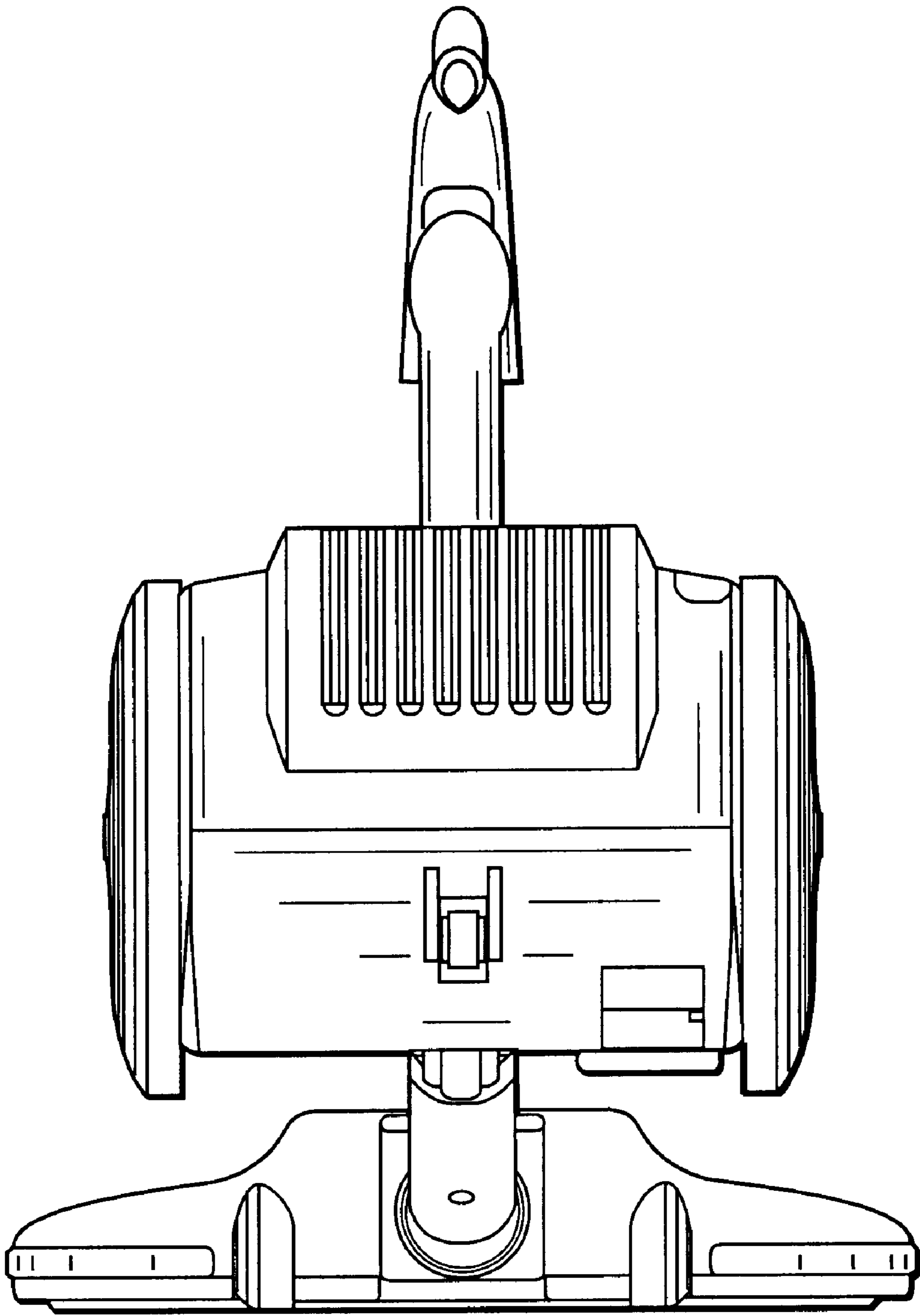


FIG. 3

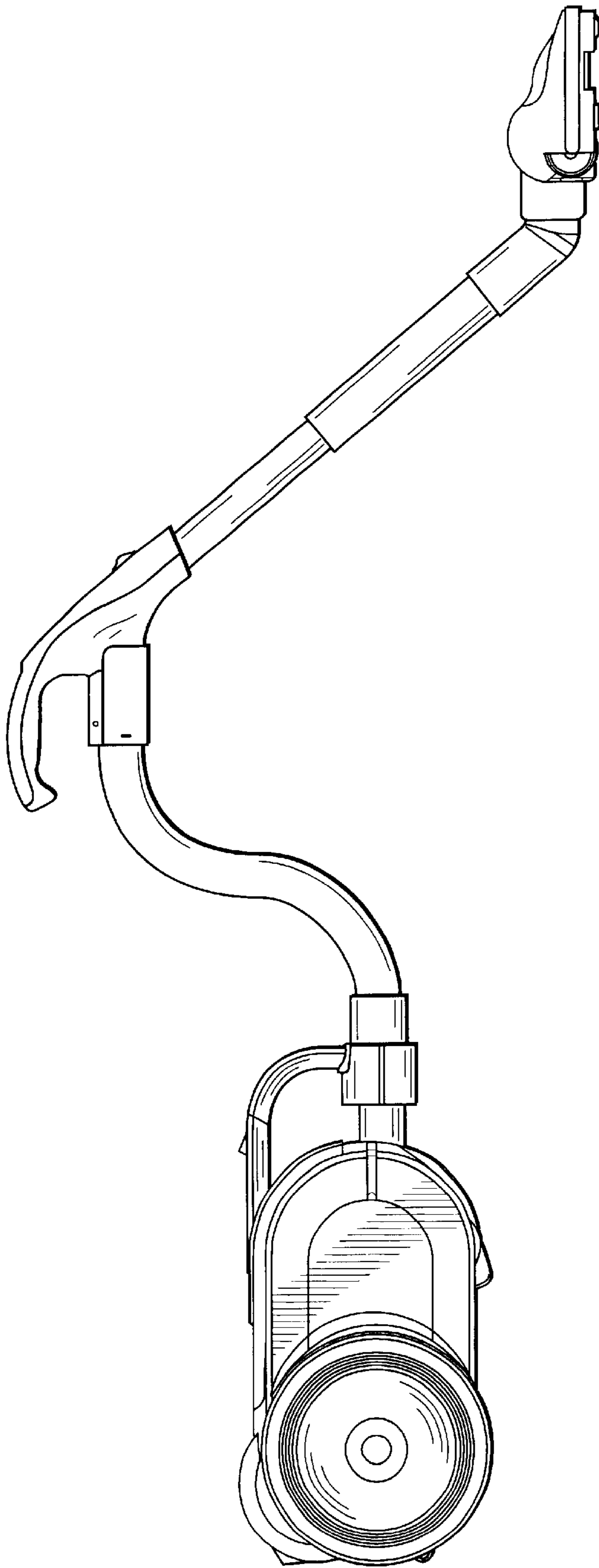


FIG. 4

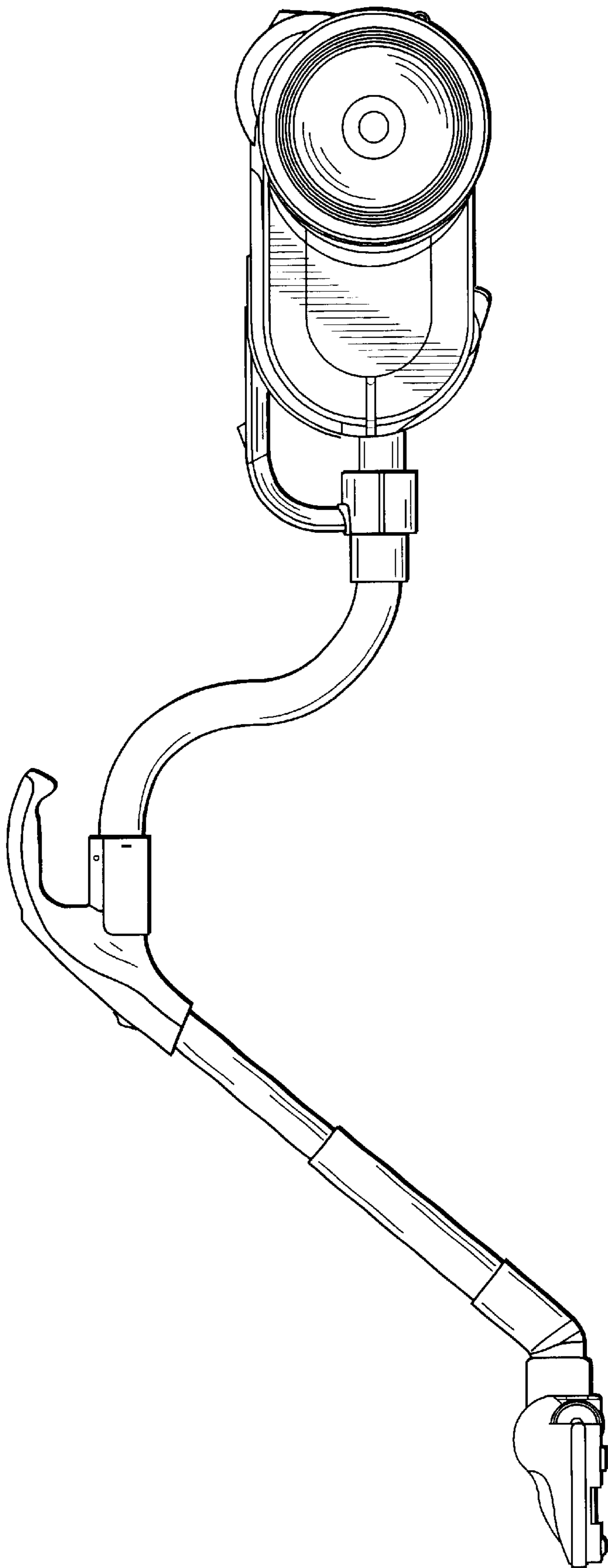


FIG. 5

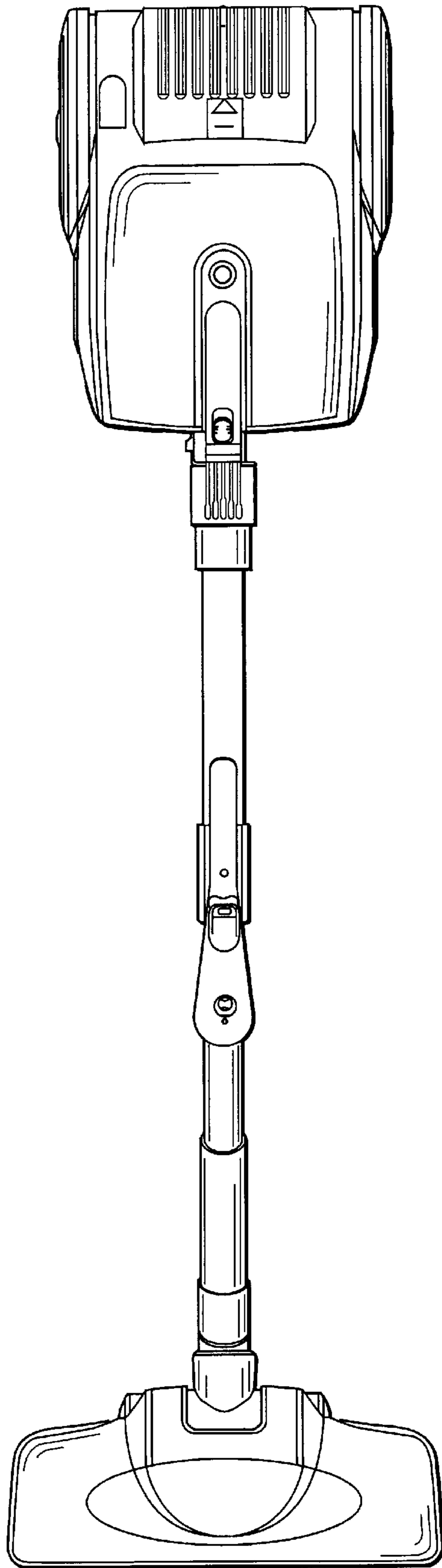


FIG. 6

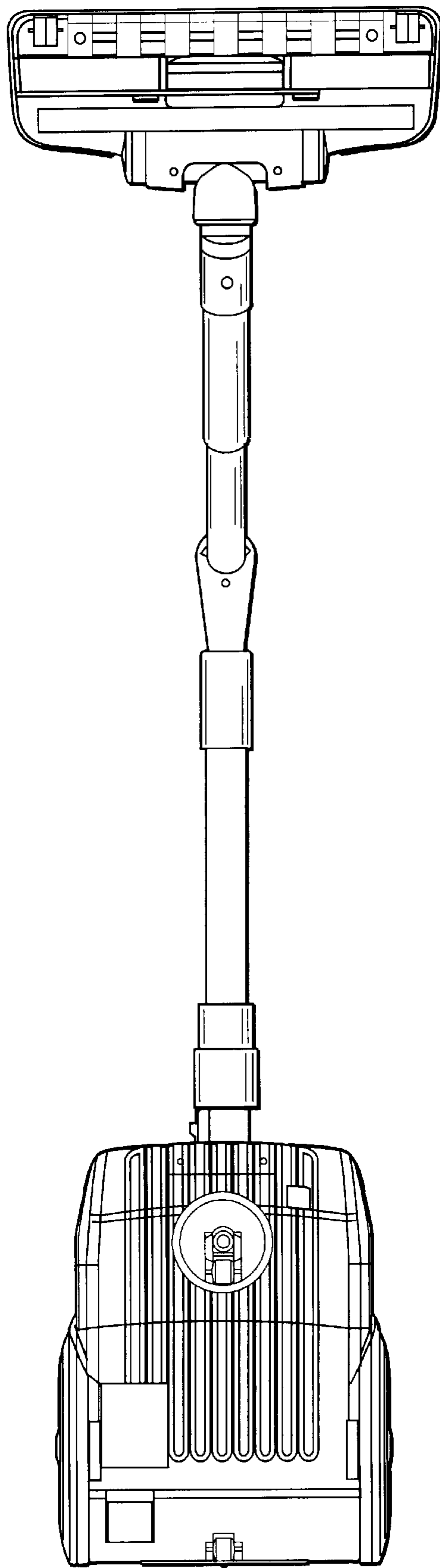


FIG. 7