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(12) **United States Design Patent** (10) **Patent No.:** **US D843,071 S**
Hooley et al. (45) **Date of Patent:** **** Mar. 12, 2019**

(54) **VACUUM CLEANER**

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(**) Term: **15 Years**

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(51) **LOC (11) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/32**

(58) **Field of Classification Search**
USPC D32/17, 22, 31
CPC A47L 11/20; A47L 11/30; A47L 11/34;
A47L 7/0004; A47L 5/28; A47L 5/30;
A47L 5/32
See application file for complete search history.

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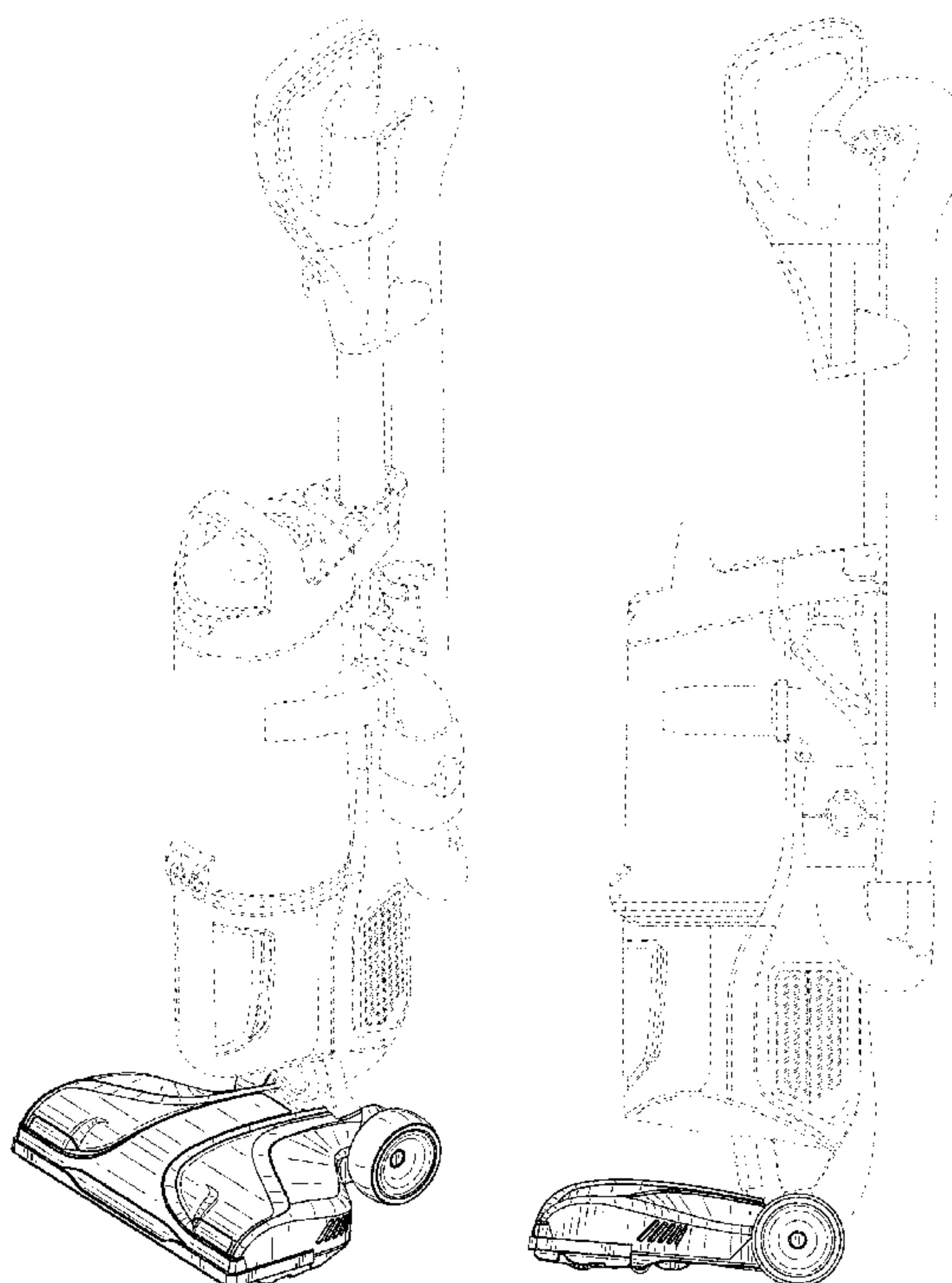
(57) **CLAIM**

We claim the ornamental design for a vacuum cleaner, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner showing our new design;
FIG. 2 is a right side view of the vacuum cleaner of FIG. 1.
FIG. 3 is a left side view of the vacuum cleaner of FIG. 1.
FIG. 4 is a front view of the vacuum cleaner of FIG. 1.
FIG. 5 is a back view of the vacuum cleaner of FIG. 1; and,
FIG. 6 is a top view of the vacuum cleaner of FIG. 1.
The elements shown in broken lines indicate environmental structure that forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



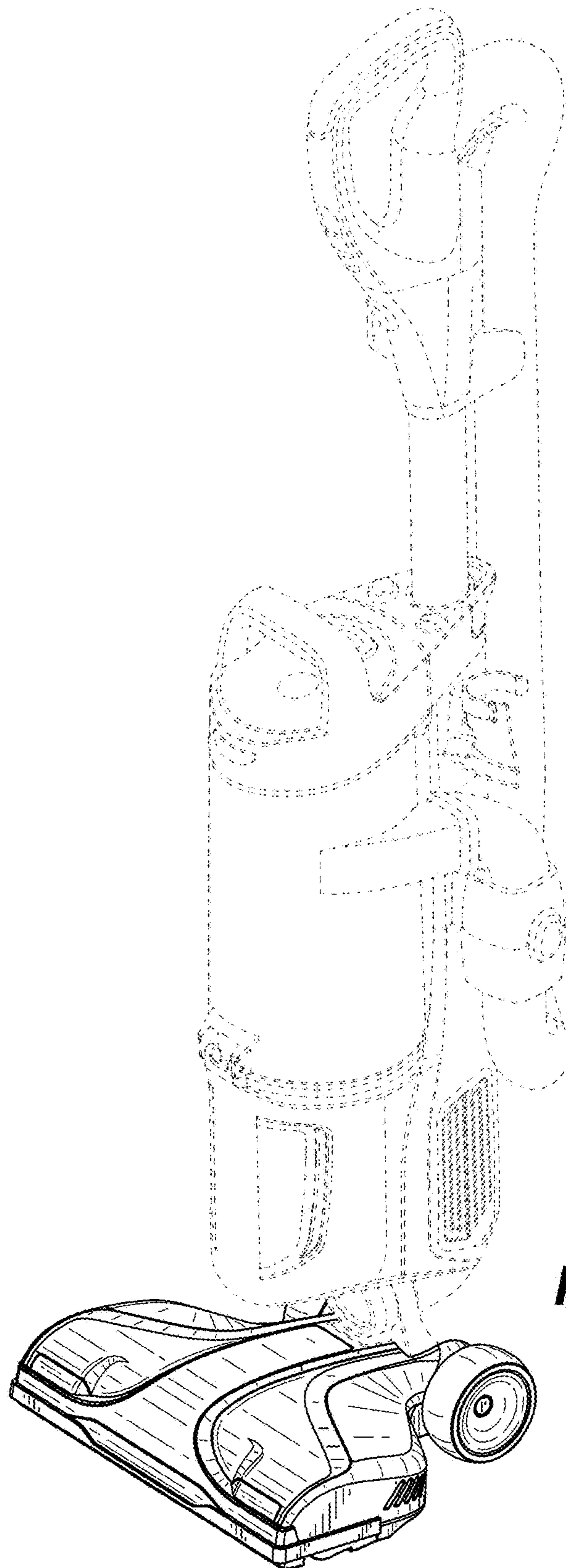


FIG. 1

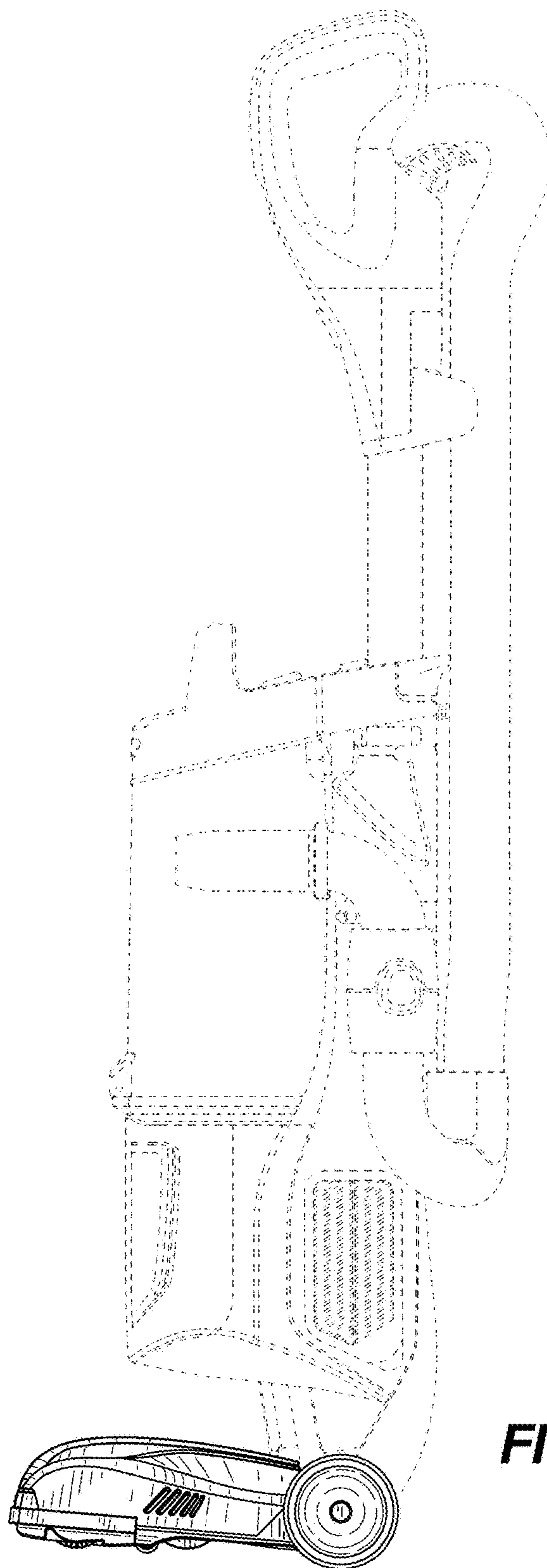
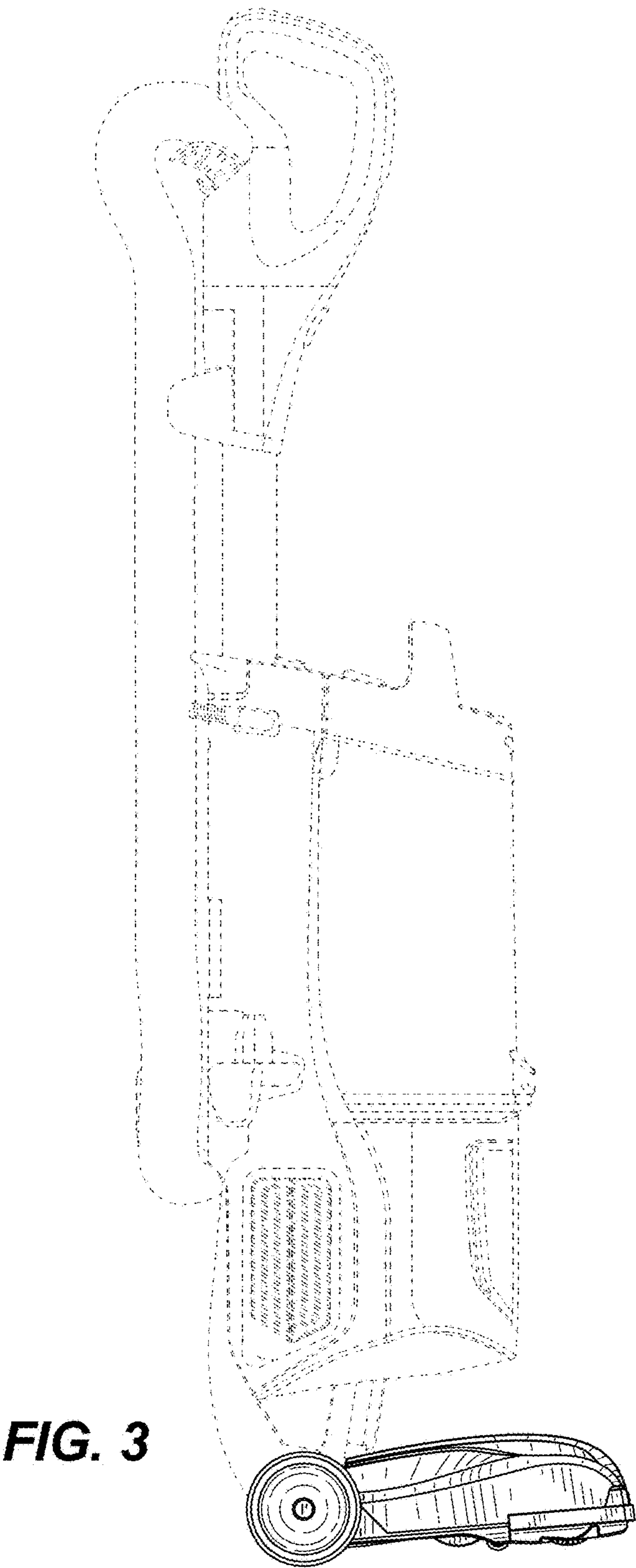


FIG. 2



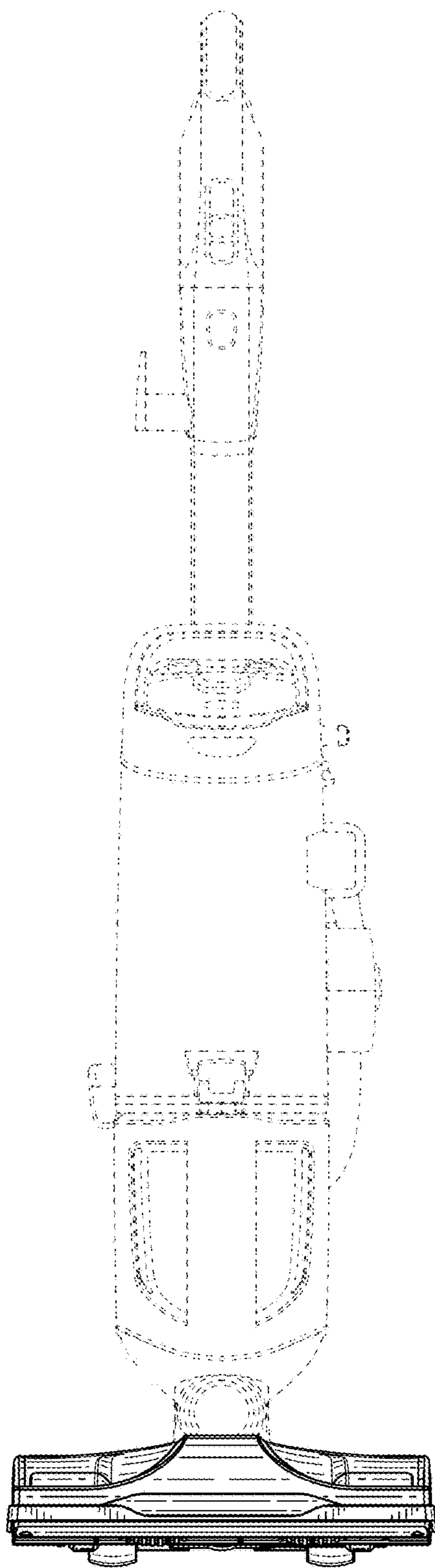


FIG. 4

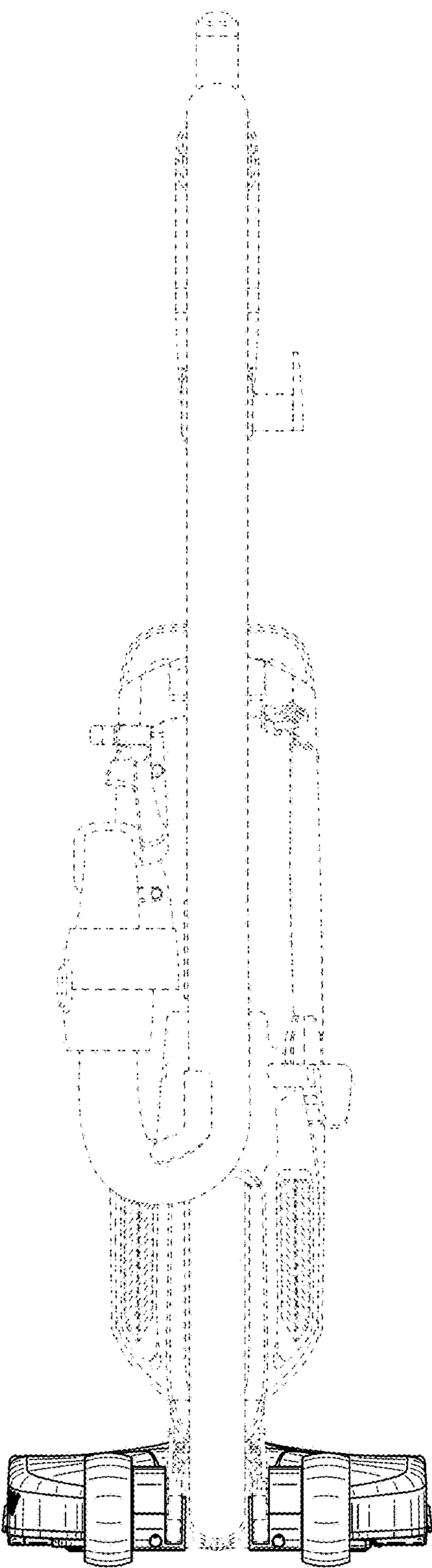


FIG. 5

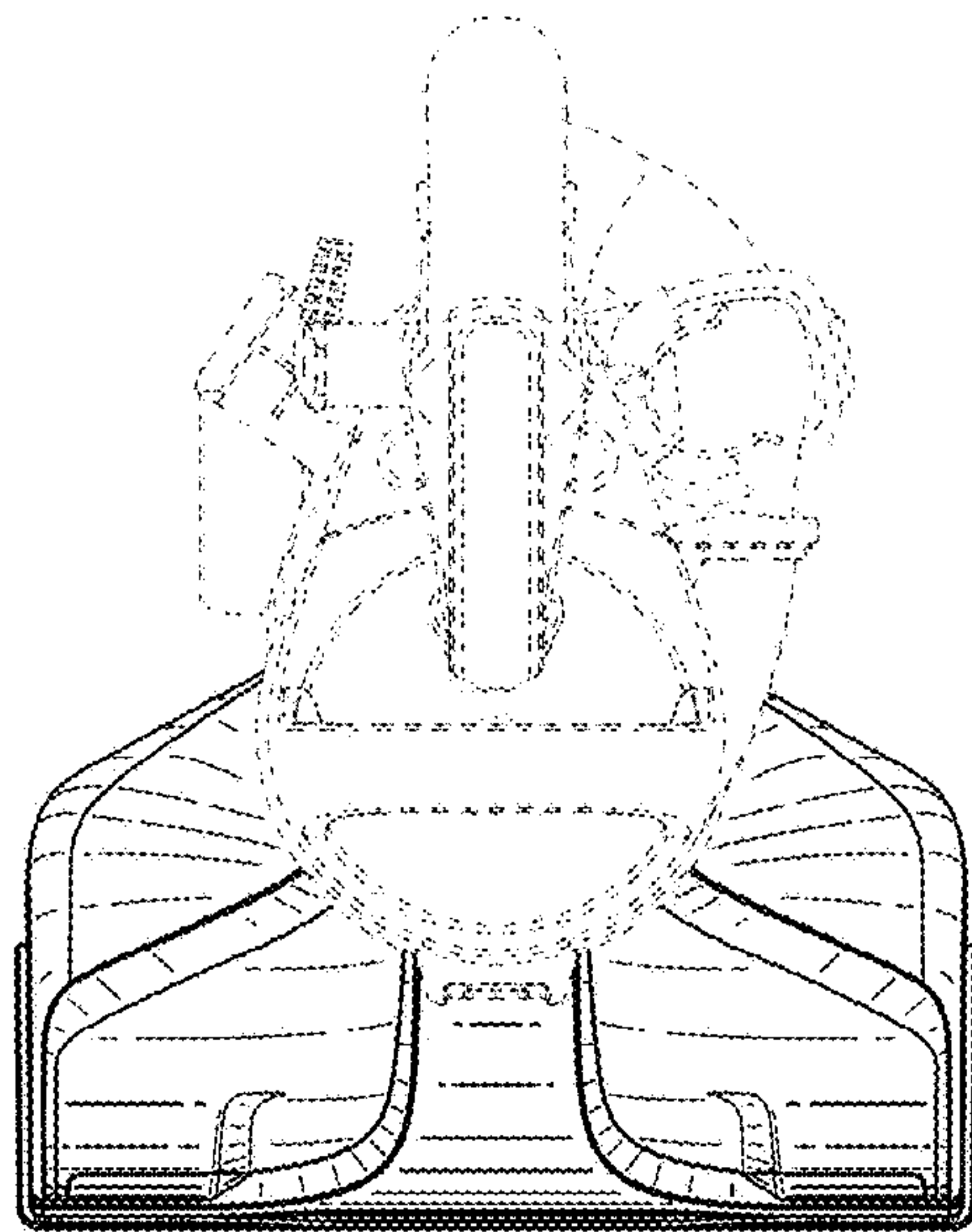


FIG. 6