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(12) **United States Design Patent**
Cheon et al.

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(54) **VACUUM CLEANER**

(71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-Si, Gyeonggi-Do (KR)

(72) Inventors: **Dongwon Cheon**, Seoul (KR); **Eui-ju Lee**, Guri-si (KR); **Tae-hoon Lee**, Seoul (KR); **Sang-hwi Choi**, Changwon-si (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Gyeonggi-do (KR)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **15-05**

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

(58) **Field of Classification Search**

CPC . A47L 7/004; A47L 11/4036; A47L 11/4041;
A47L 7/0023; A47L 7/009; A47L 11/30
USPC D32/21-24, 32-34; 15/353, 320-321,
15/323, 340.2, 412, 339, 327.1-327.7

See application file for complete search history.

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Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and right-side perspective view of a vacuum cleaner showing our new design; FIG. 2 is the front elevational view thereof; FIG. 3 is the rear elevational view thereof; FIG. 4 is the left-side elevational view thereof; FIG. 5 is the right-side elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof. The broken lines in the drawings represent unclaimed portions that form no part of the claimed design.

1 Claim, 6 Drawing Sheets

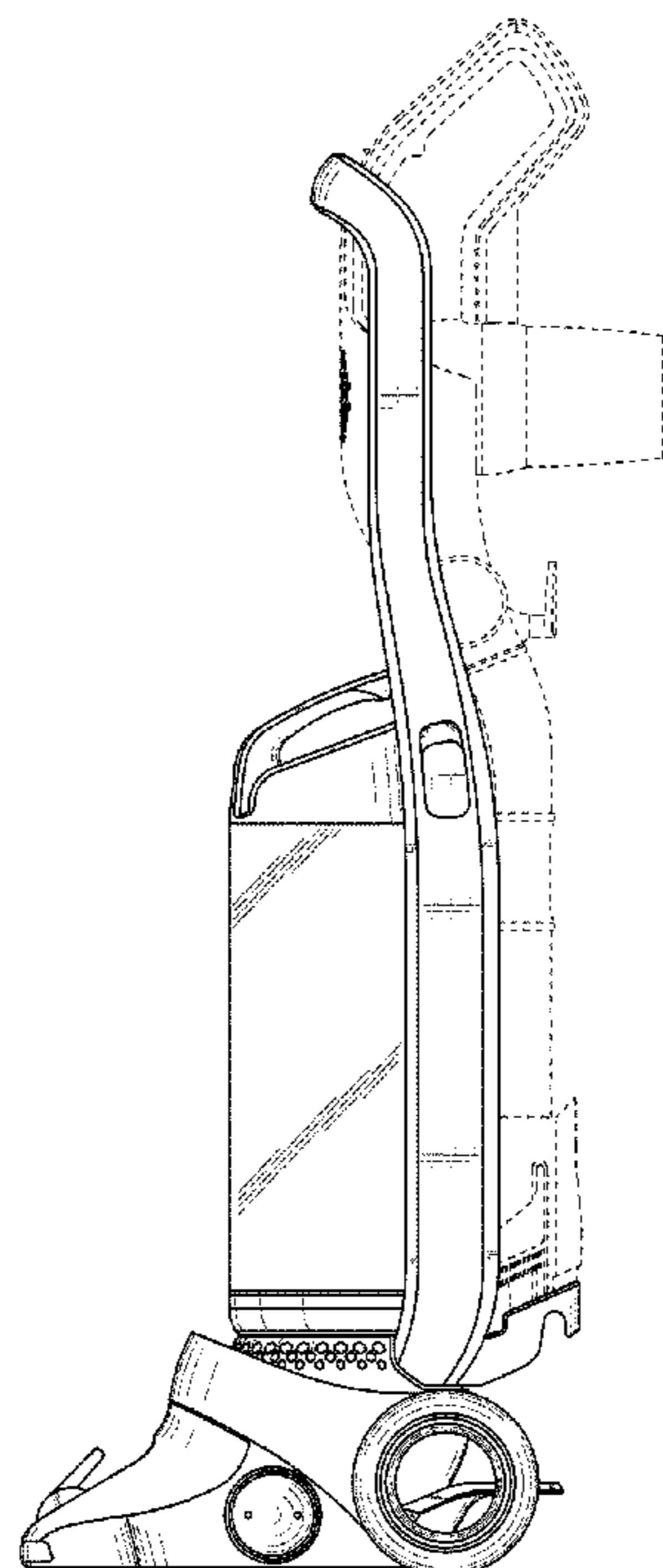
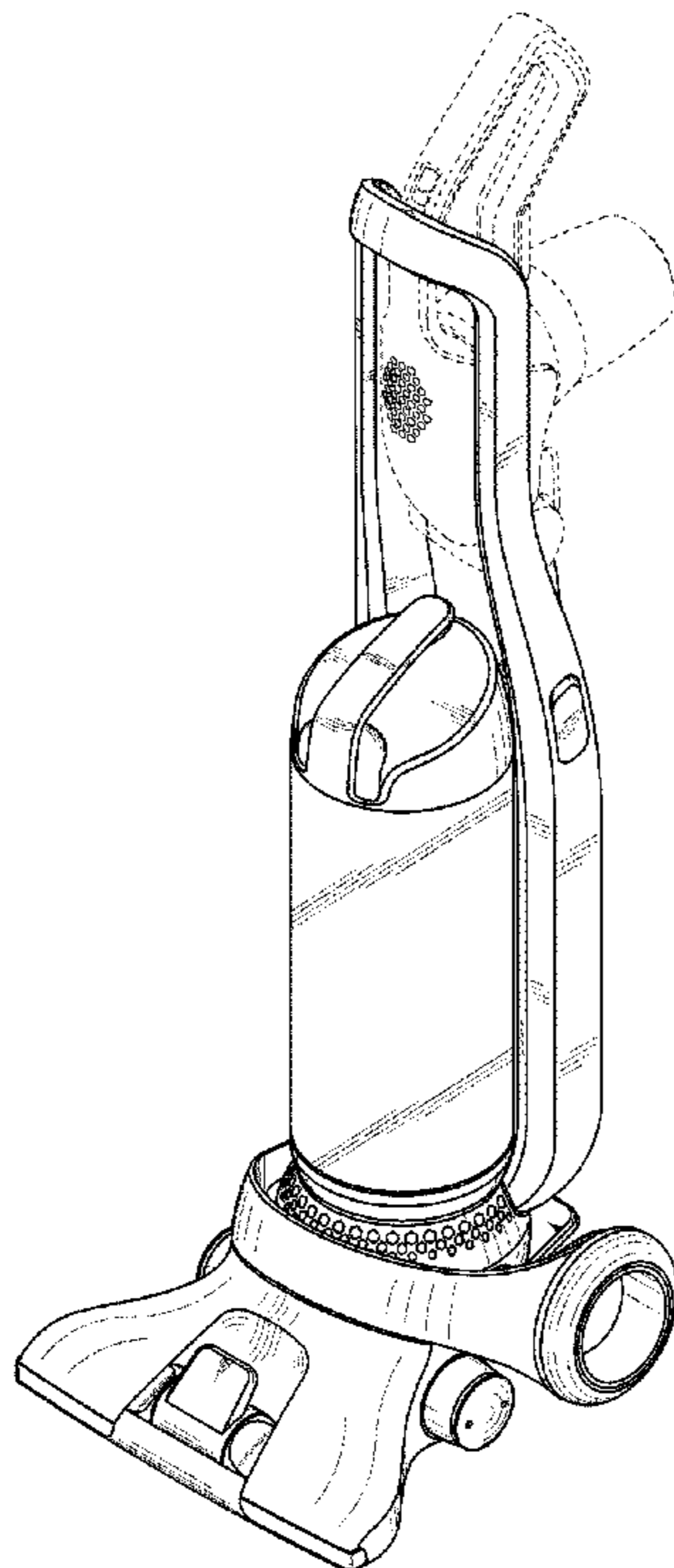


FIG. 1

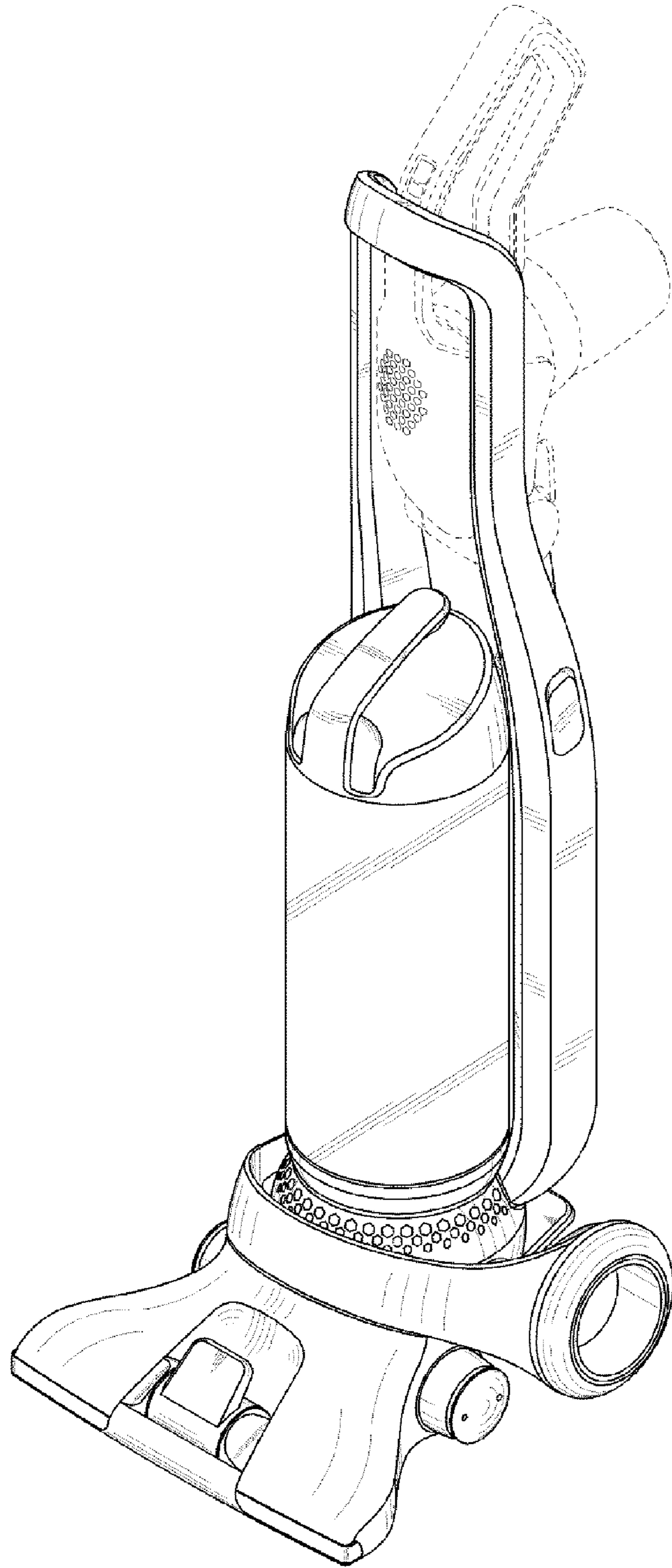


FIG.2

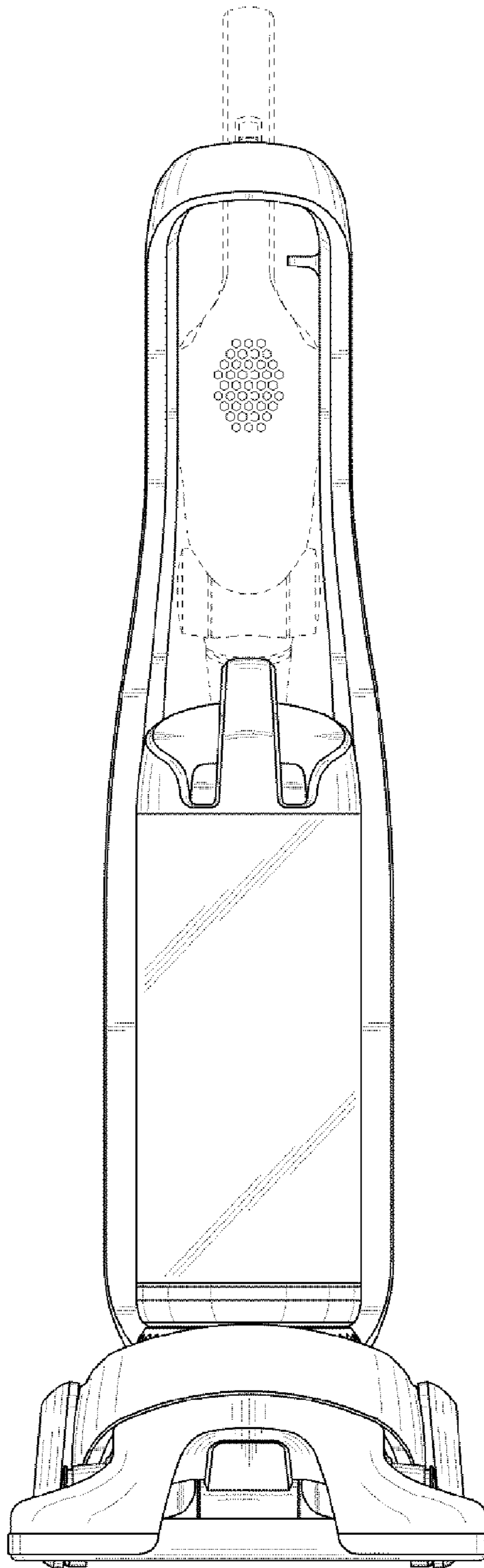


FIG.3

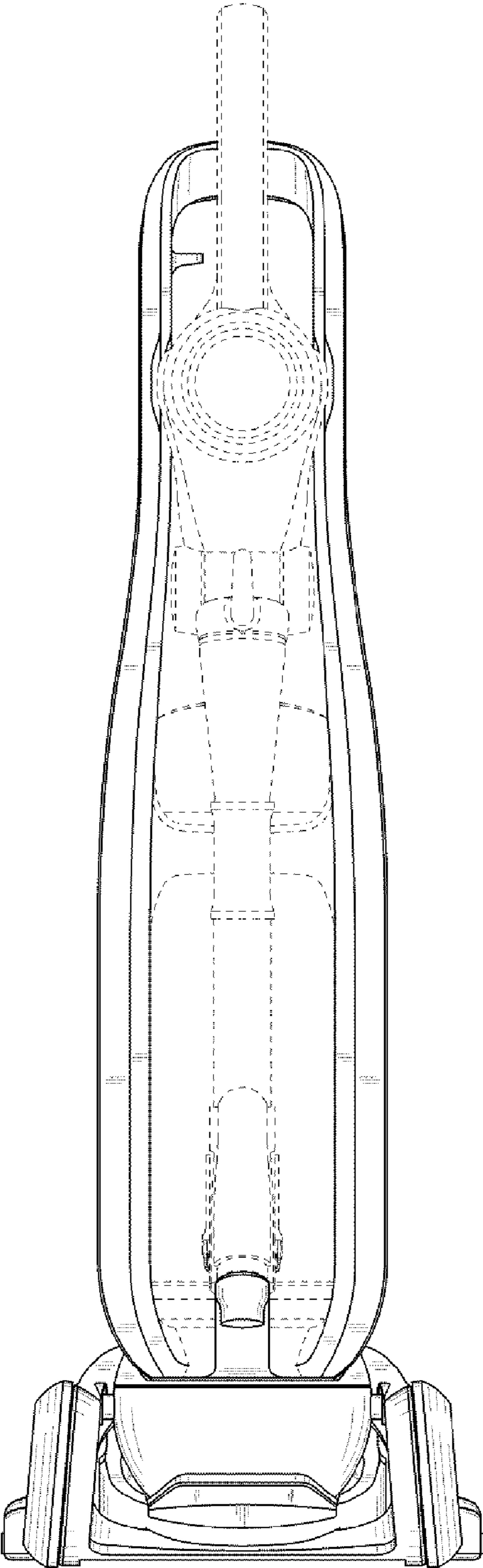


FIG.4

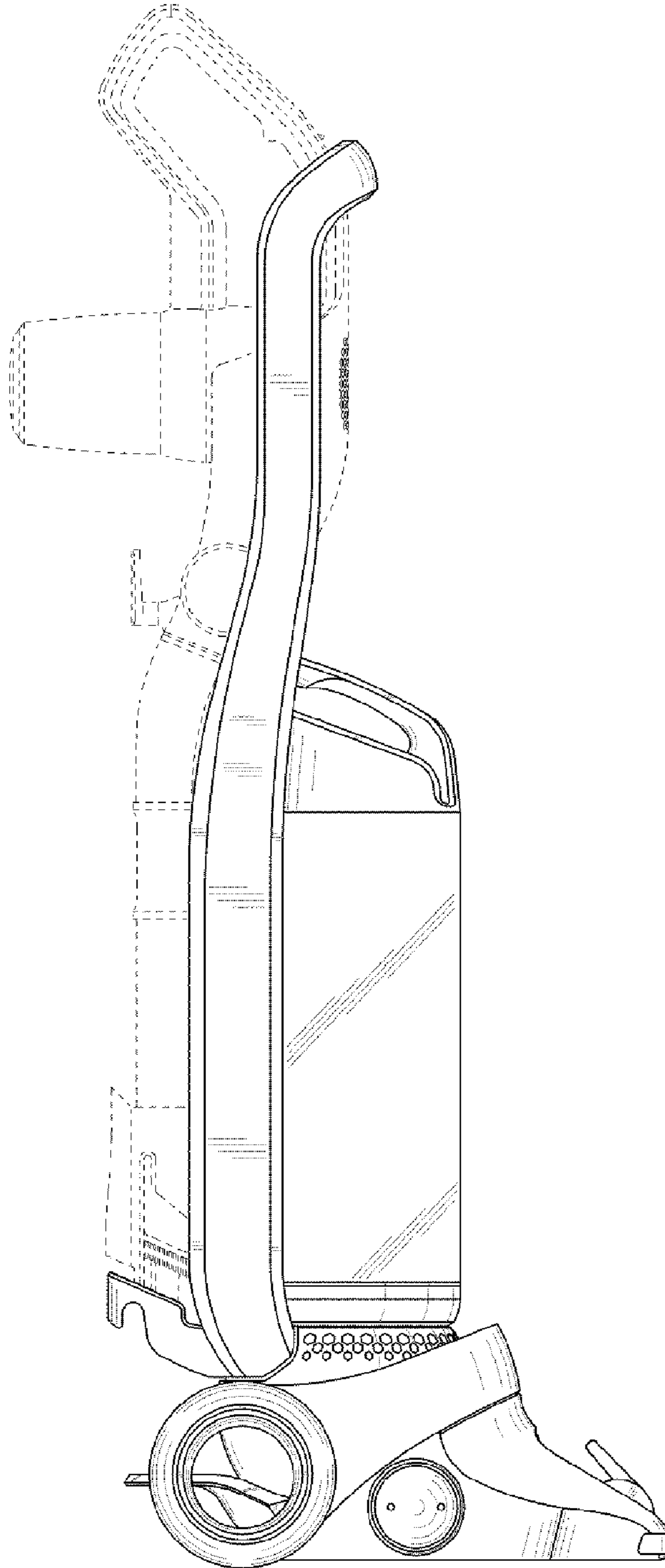


FIG.5

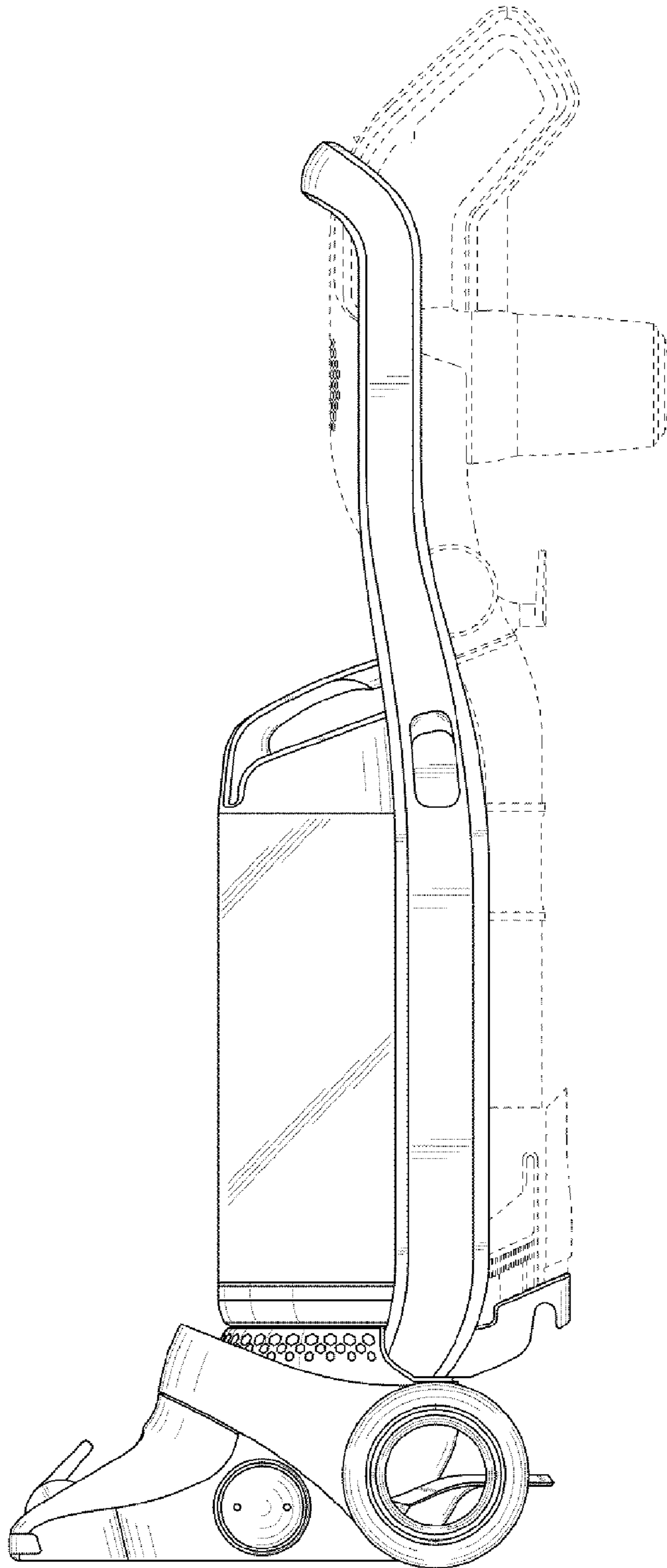


FIG.6

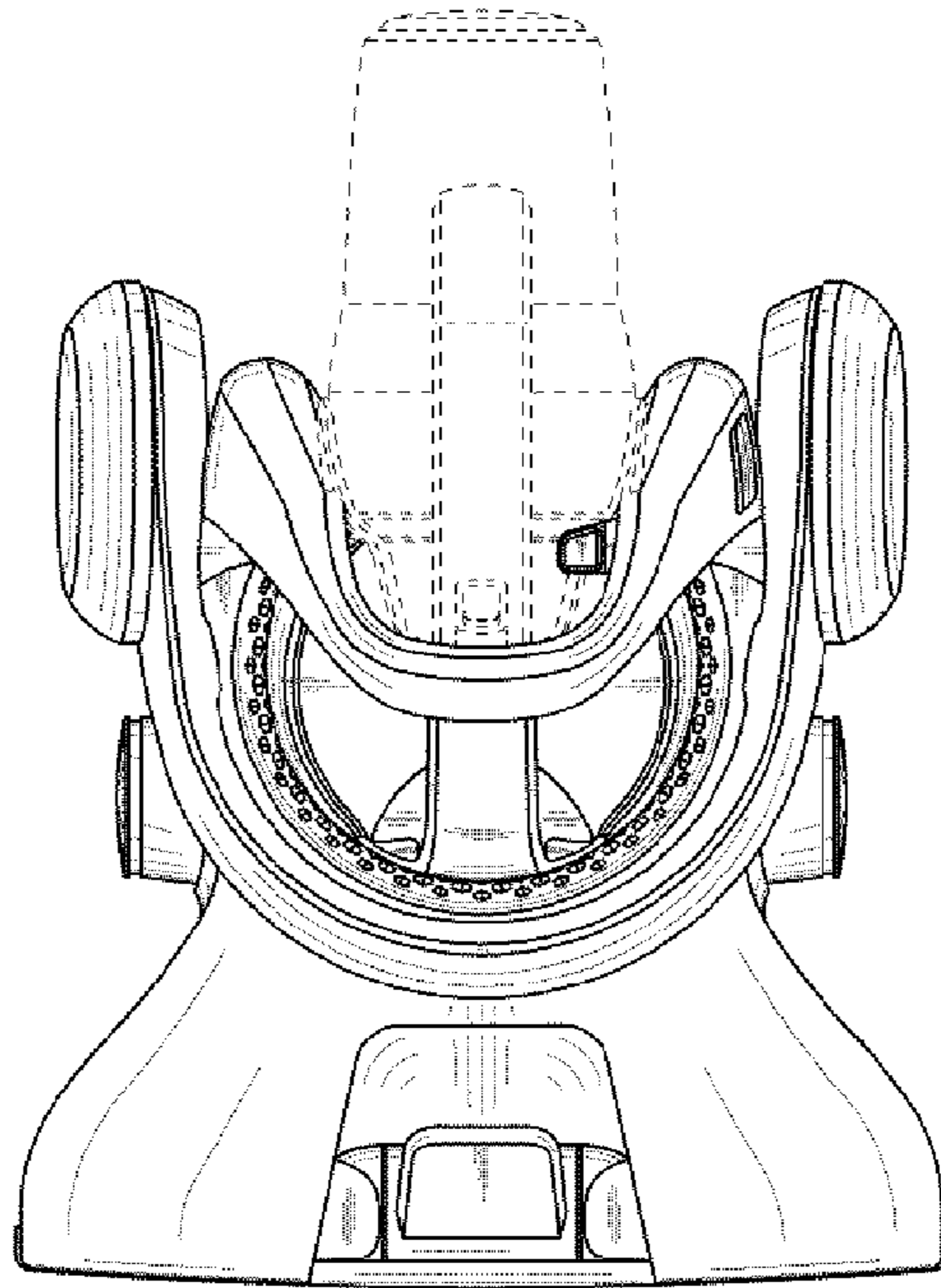


FIG.7

