



US00D932122S

(12) **United States Design Patent** (10) **Patent No.:** **US D932,122 S**
Xu (45) **Date of Patent:** **** Sep. 28, 2021**

(54) **VACUUM CLEANER**

(71) Applicant: **Suzhou Sweep Electric Appliance Co., Ltd., Suzhou (CN)**

(72) Inventor: **Dongliang Xu, Shenzhen (CN)**

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

(21) Appl. No.: **29/773,294**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/18**

(58) **Field of Classification Search**

USPC D32/17, 18, 21, 22, 23, 24, 31; D21/526

CPC A46B 9/06; A47L 5/24; A47L 5/28; A47L 5/30; A47L 5/34; A47L 7/0004; A47L 9/04; A47L 9/325; A47L 9/1683; A47L 11/302; A47L 11/34; A47L 11/4005; A47L 11/4008; A47L 11/4016; A47L 11/4041; A47L 11/4044; A47L 11/4088; A47L 13/225; B04C 5/185; B08B 3/04; B23Q 11/0046; B23Q 11/0071; E04H 4/1636

See application file for complete search history.

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(Continued)

Primary Examiner — Dana K Weiland
Assistant Examiner — Jennylou M Binas

(57) **CLAIM**

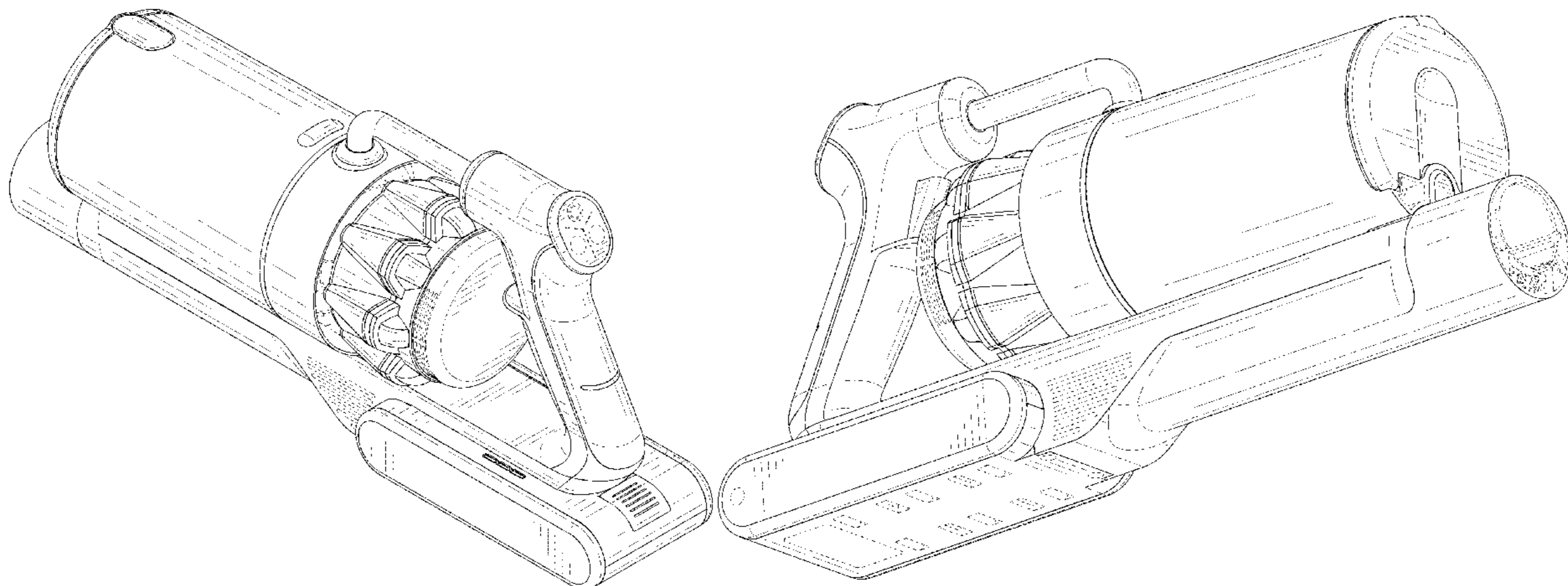
The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a first perspective view of a vacuum cleaner showing my new design;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

The broken lines shown in the drawings depict portions of the vacuum cleaner in which the design is embodied that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

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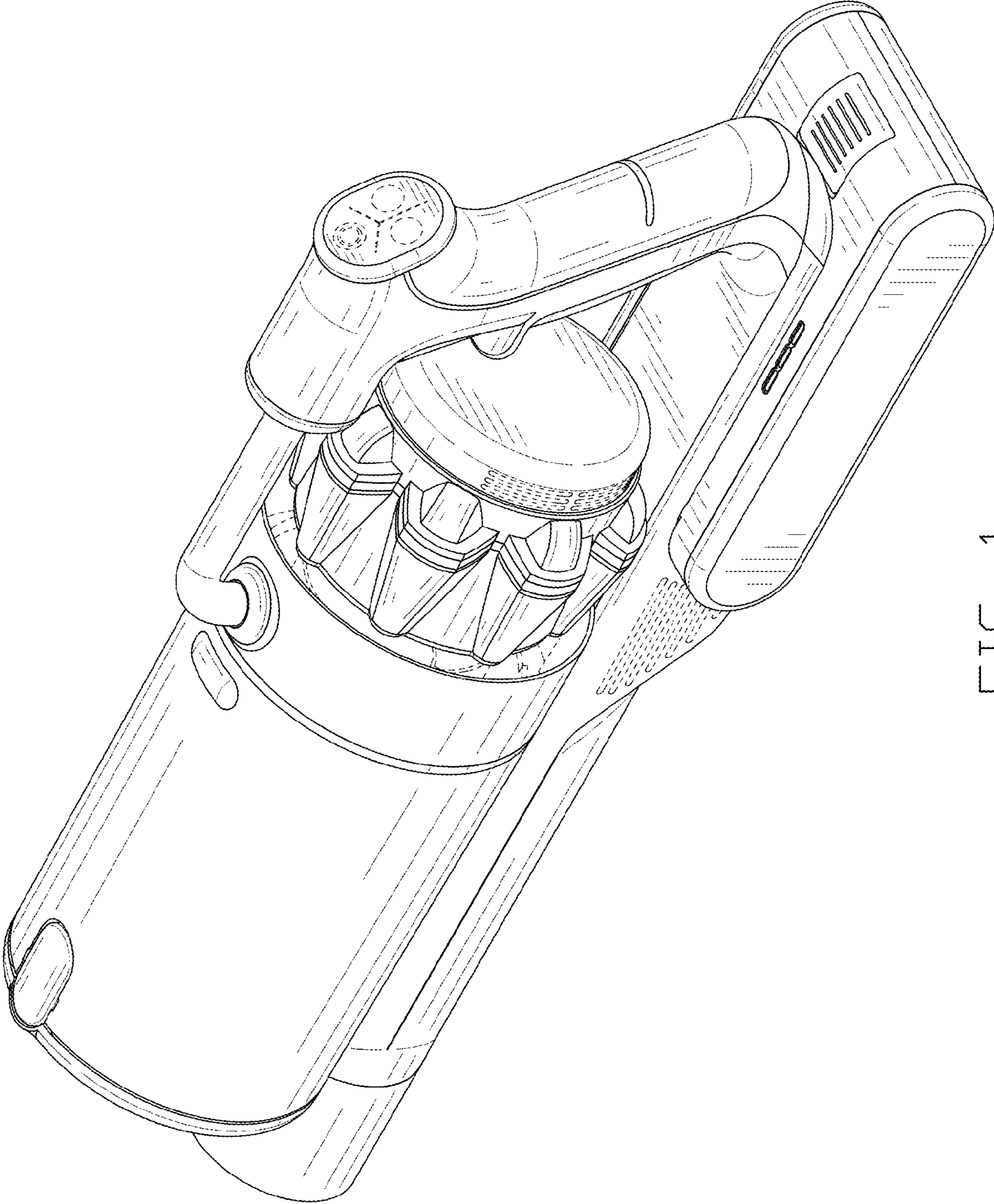


FIG. 1

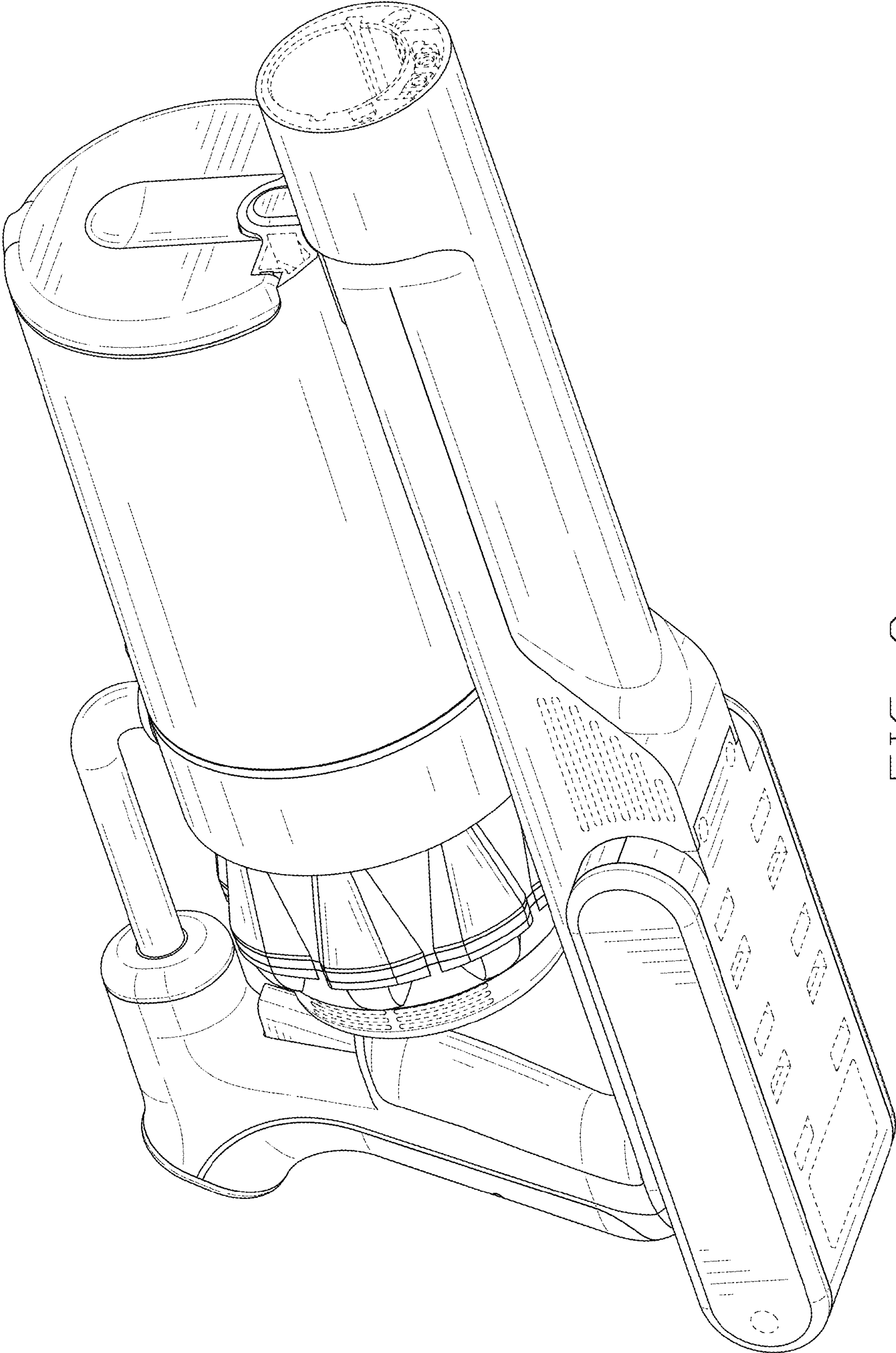


FIG. 2

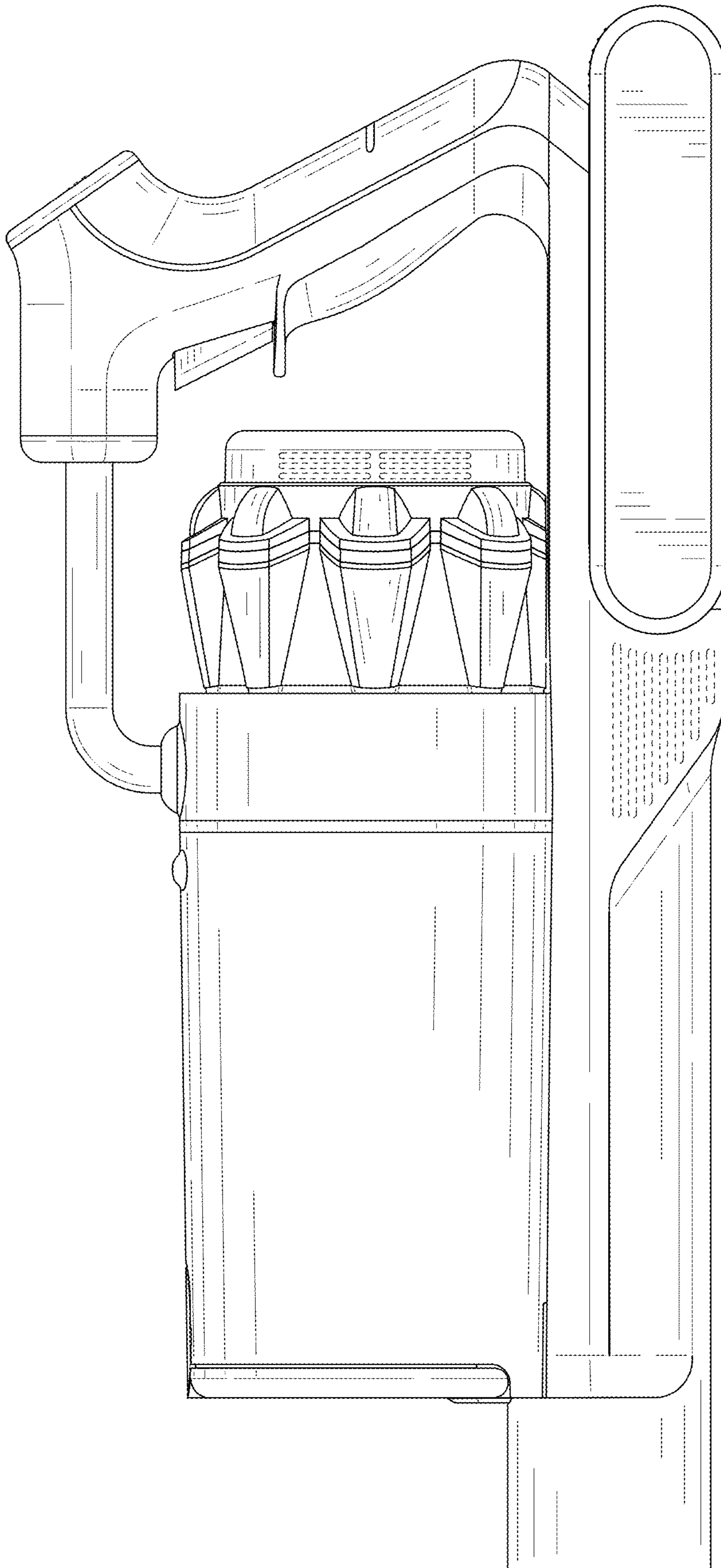


FIG. 3

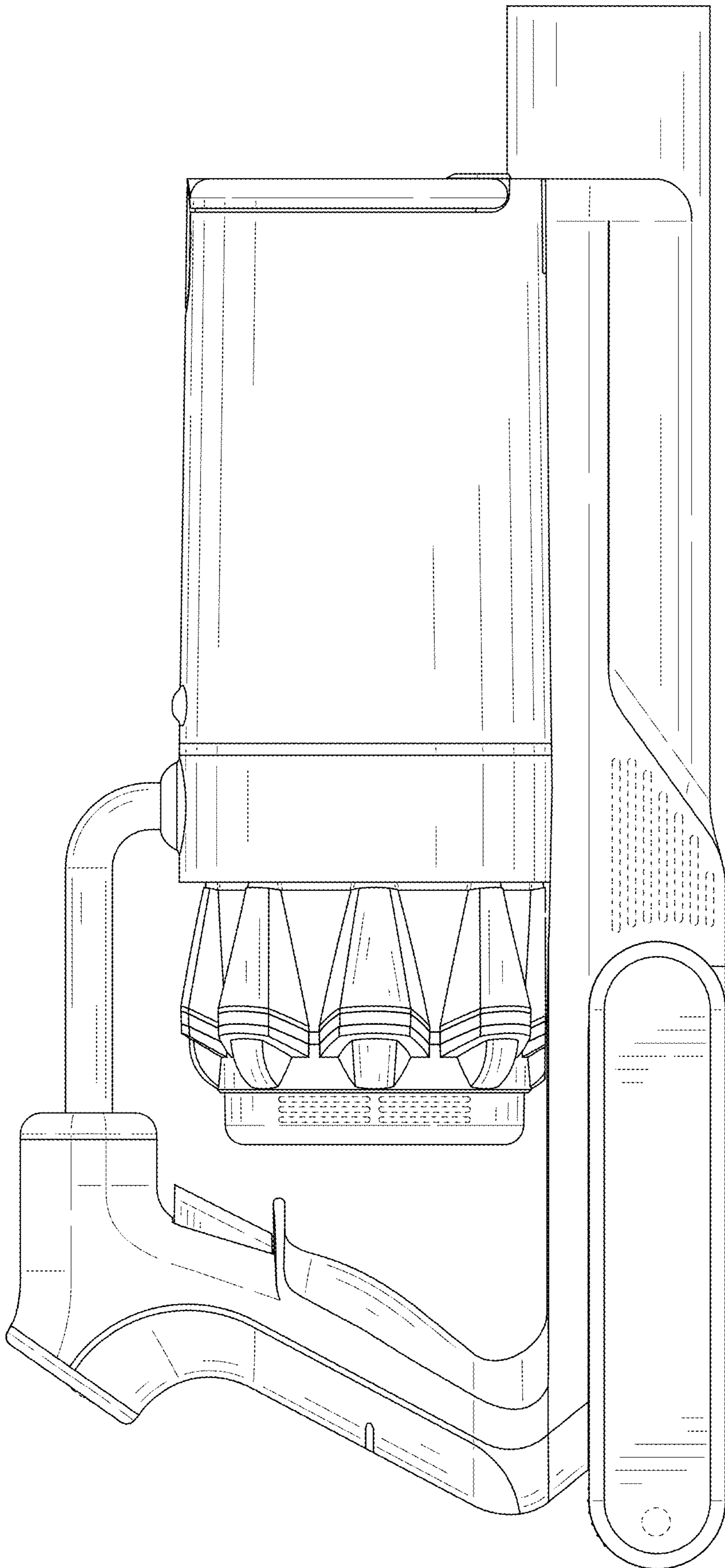


FIG. 4

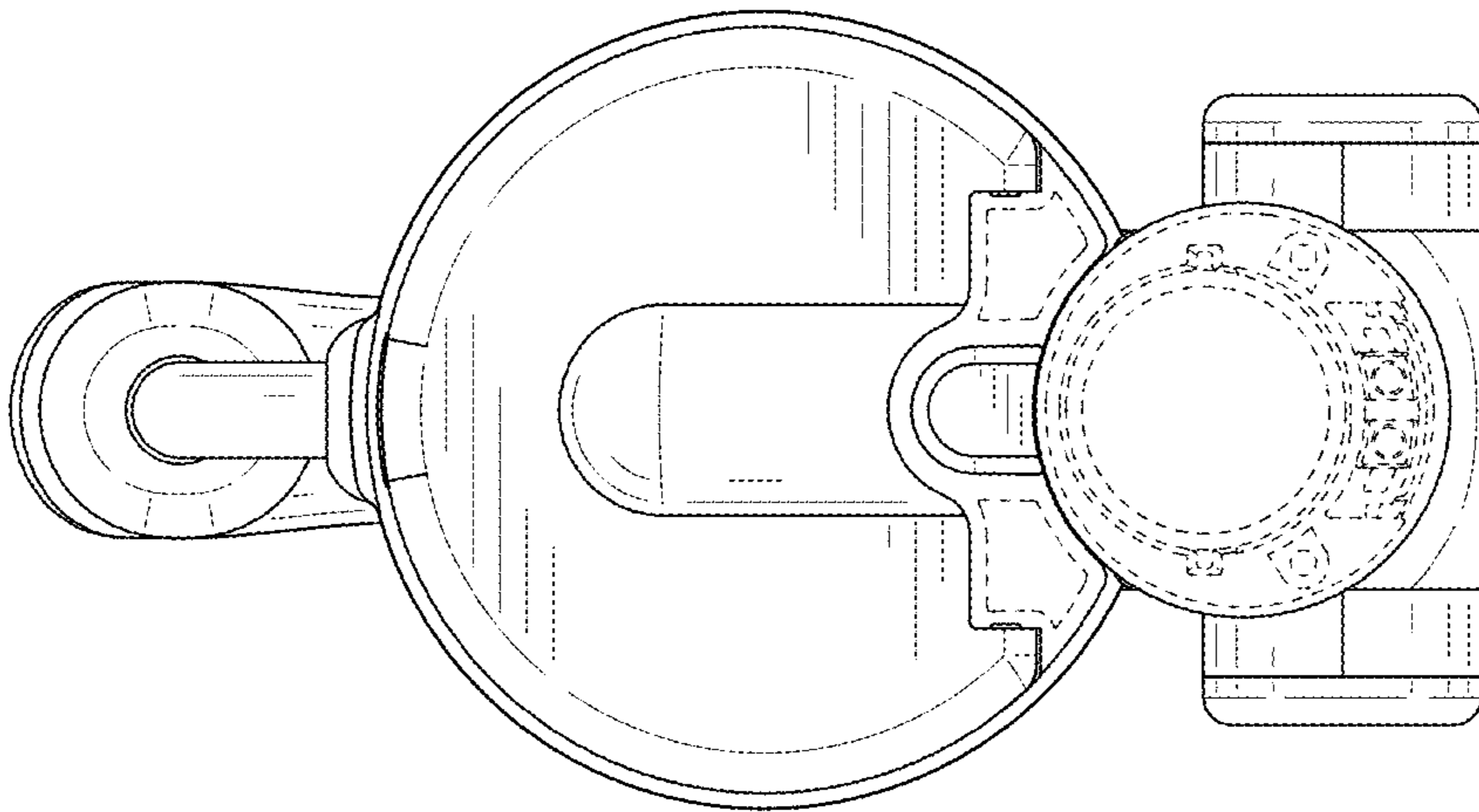


FIG. 5

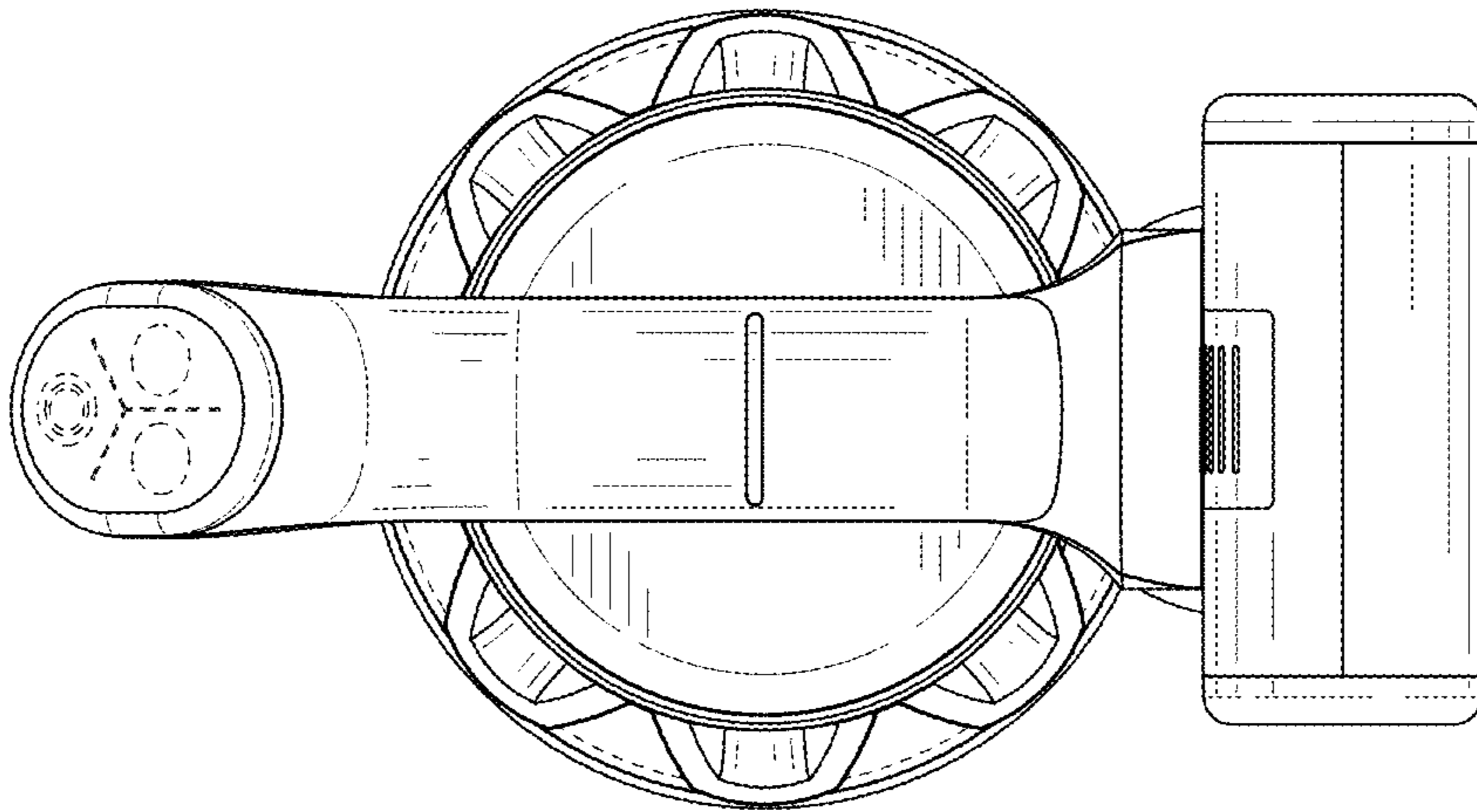


FIG. 6

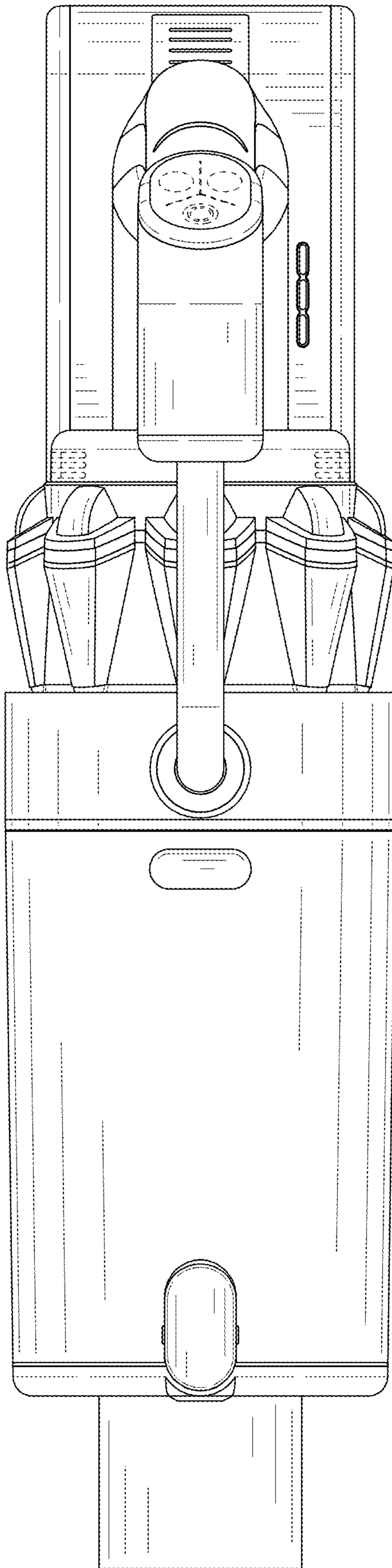


FIG. 7

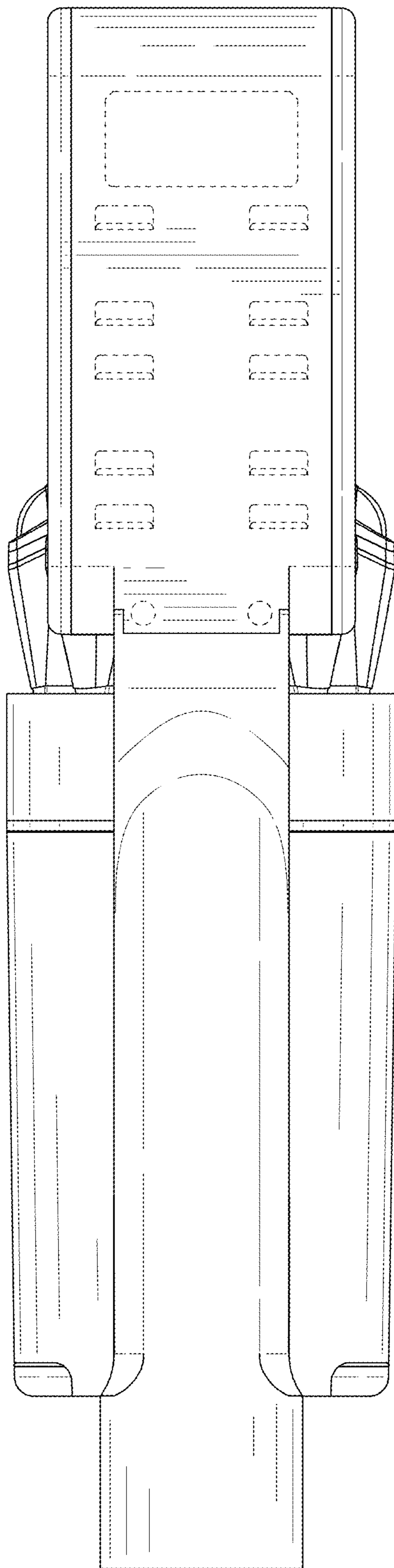


FIG. 8