



US0D1105662S

(12)

United States Design Patent

Zheng

(10)

Patent No.:

US D1,105,662 S

(45)

Date of Patent:

** Dec. 9, 2025

(54) VACUUM CLEANER MOTOR HOUSING

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(71) Applicant: SHENZHEN CHENBEI TECHNOLOGY CO., LTD., Shenzhen (CN)

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(**) Term: 15 Years

(74) Attorney, Agent, or Firm — Trojan Law Offices

(21) Appl. No.: 29/920,891

(57) CLAIM

(22) Filed: Dec. 13, 2023

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

(30) Foreign Application Priority Data

Jun. 30, 2023 (CN) 202330409088.2

DESCRIPTION

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

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

(58) Field of Classification Search
USPC D15/199; D21/526, 578; D32/15, 17, D32/18, 21, 24, 25, 31, 32, 39
CPC A47L 5/00; A47L 5/12; A47L 5/22; A47L 5/24; A47L 7/00; A47L 7/0076; A47L 9/00;

(Continued)

FIG. 1 is a front view of an embodiment of the vacuum cleaner motor housing showing my new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a left view thereof;
FIG. 4 is a right view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a top-left perspective view thereof;
FIG. 8 is a bottom-right perspective view thereof;
FIG. 9 is a front view of a second embodiment of the vacuum cleaner motor housing showing my new design;
FIG. 10 is a rear view thereof;
FIG. 11 is a left view thereof;
FIG. 12 is a right view thereof;
FIG. 13 is a top view thereof;
FIG. 14 is a bottom view thereof;
FIG. 15 is a top-left perspective view thereof; and,
FIG. 16 is a bottom-right perspective view thereof.
The broken lines in the figures are included for the purpose of illustrating portions of the vacuum cleaner motor housing and do not form any part of the claimed design.

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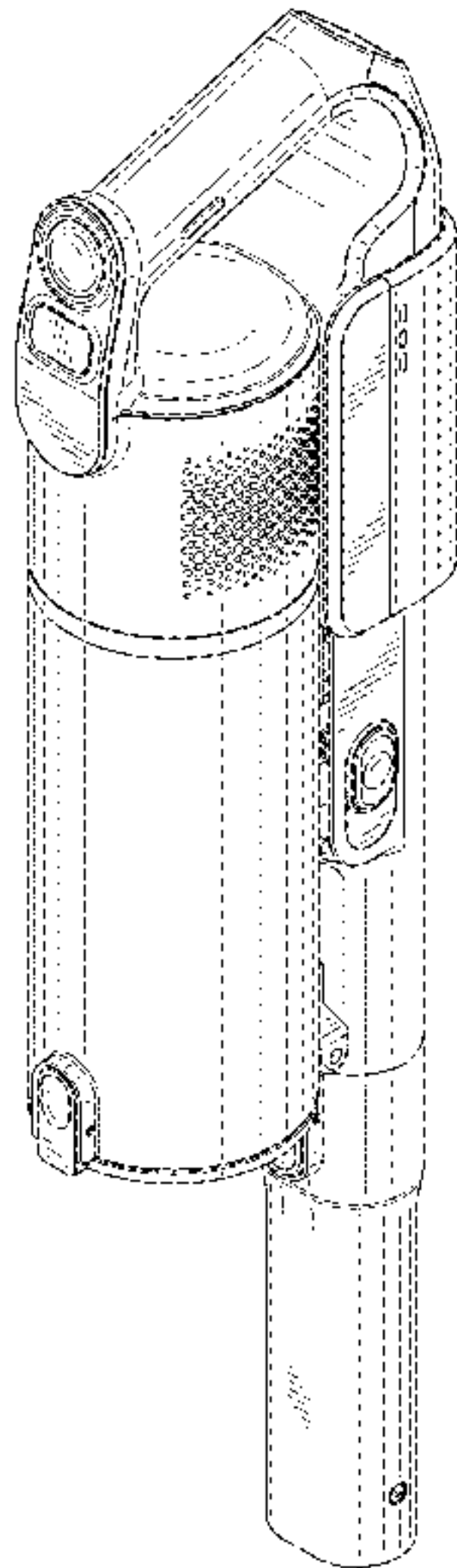
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1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**
CPC A47L 9/02; A47L 11/00; A47L 11/24;
A47L 11/32; A47L 11/40; A47L 11/4094
See application file for complete search history.

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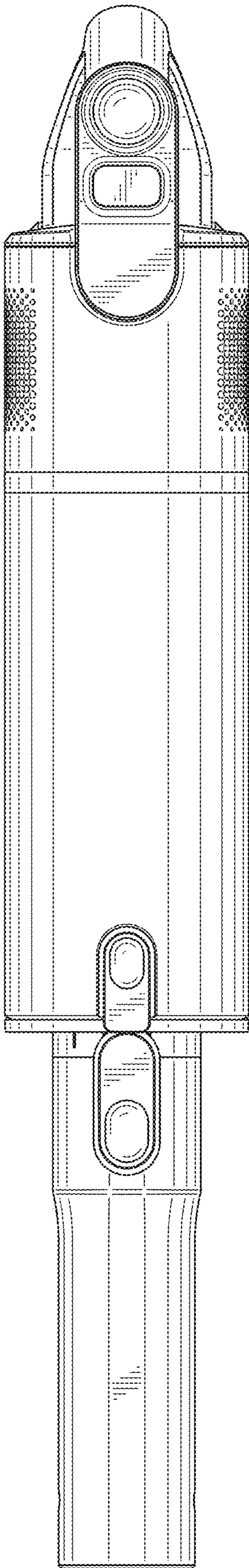


FIG. 1

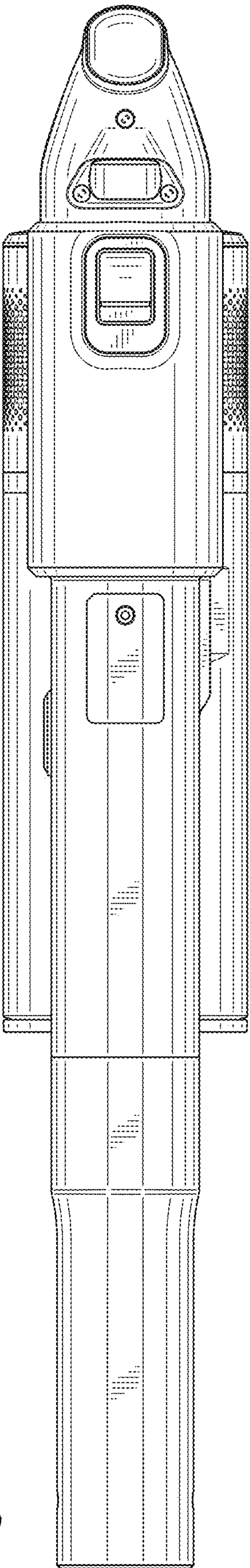


FIG. 2

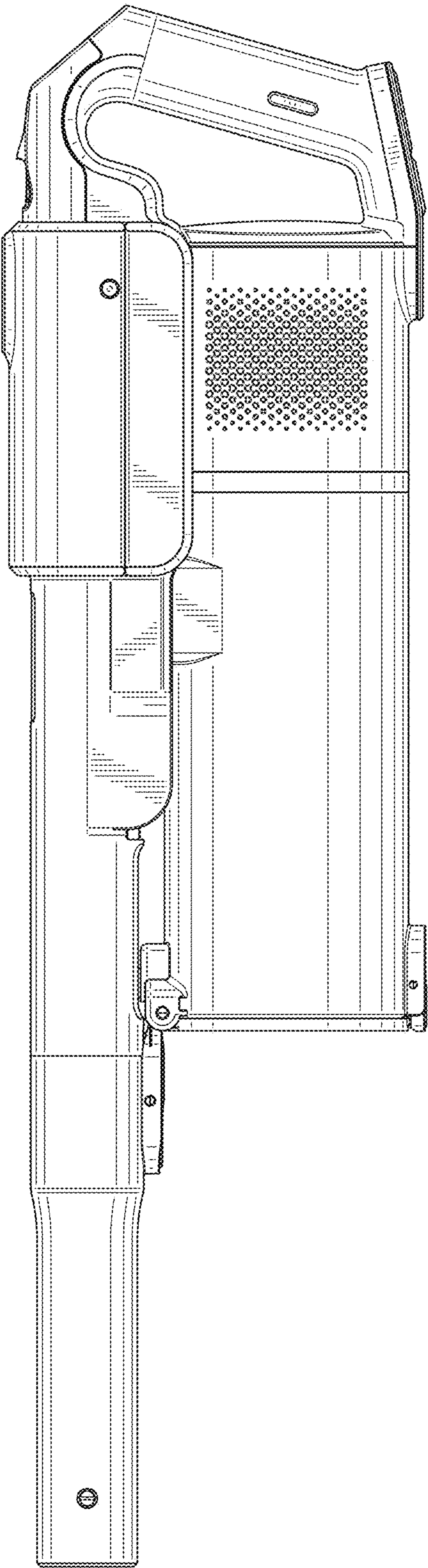


FIG. 3

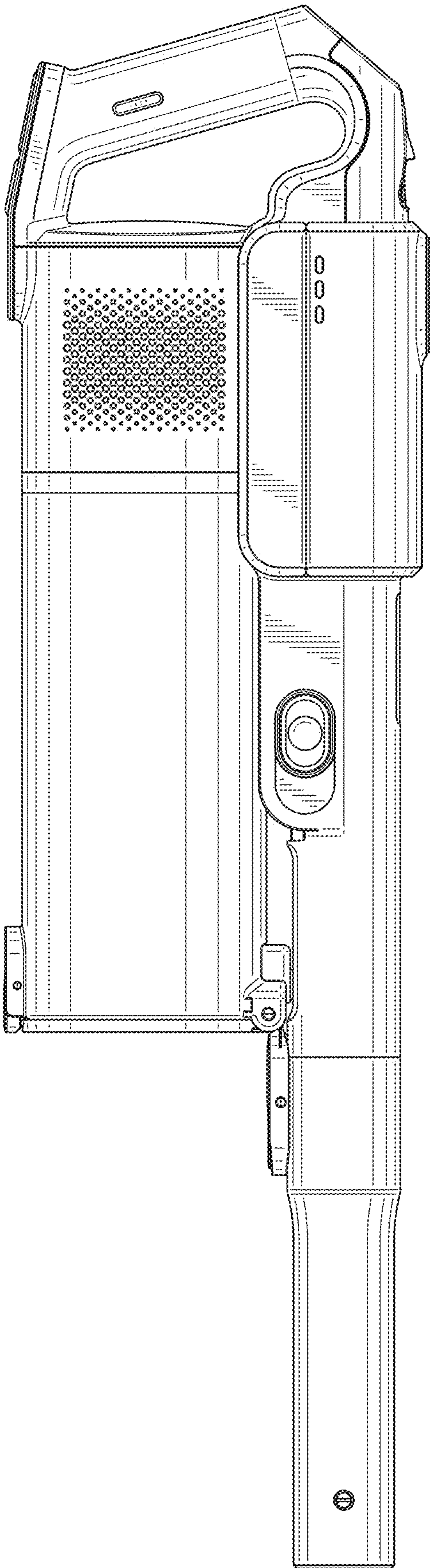


FIG. 4

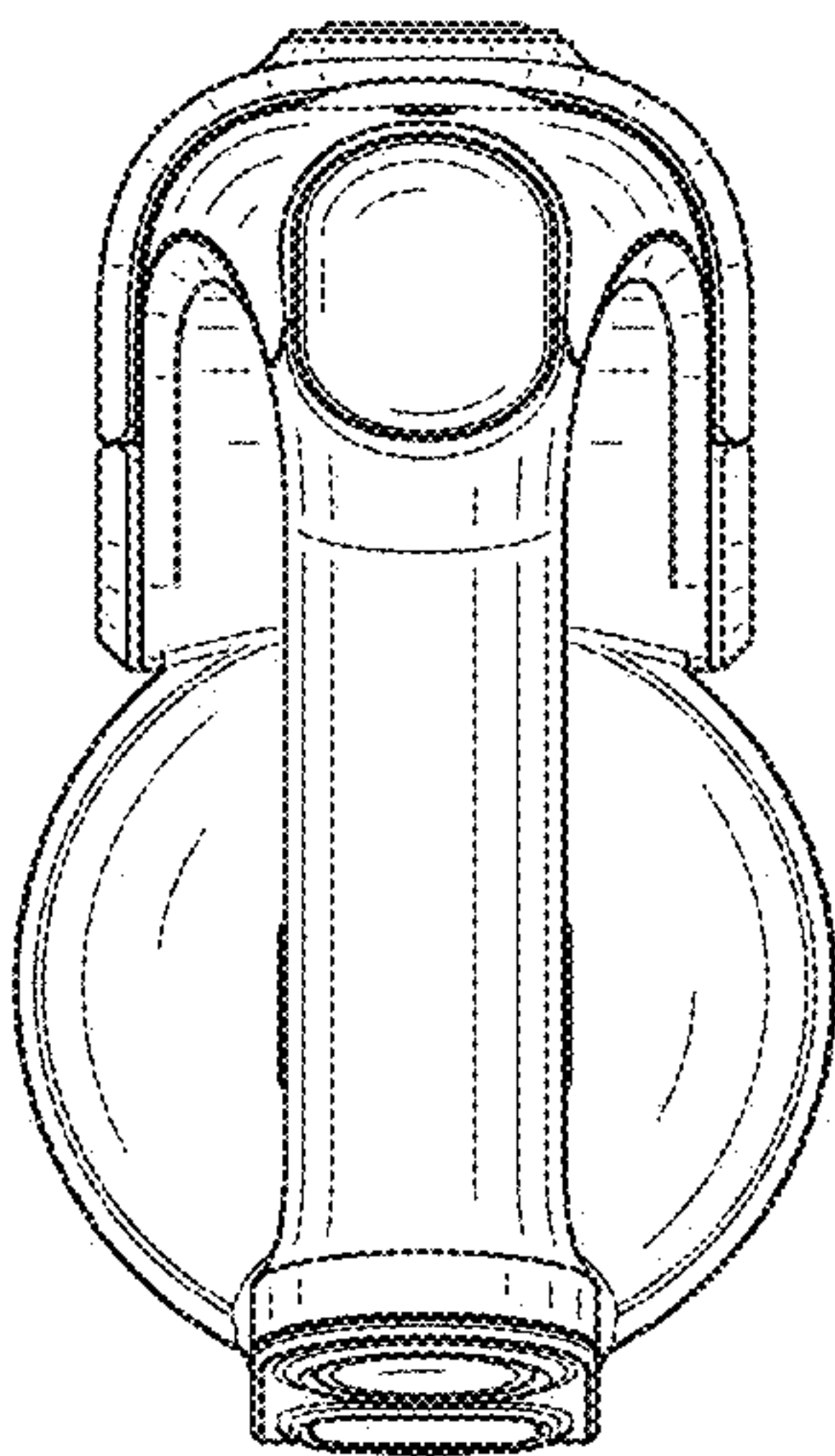


FIG. 5

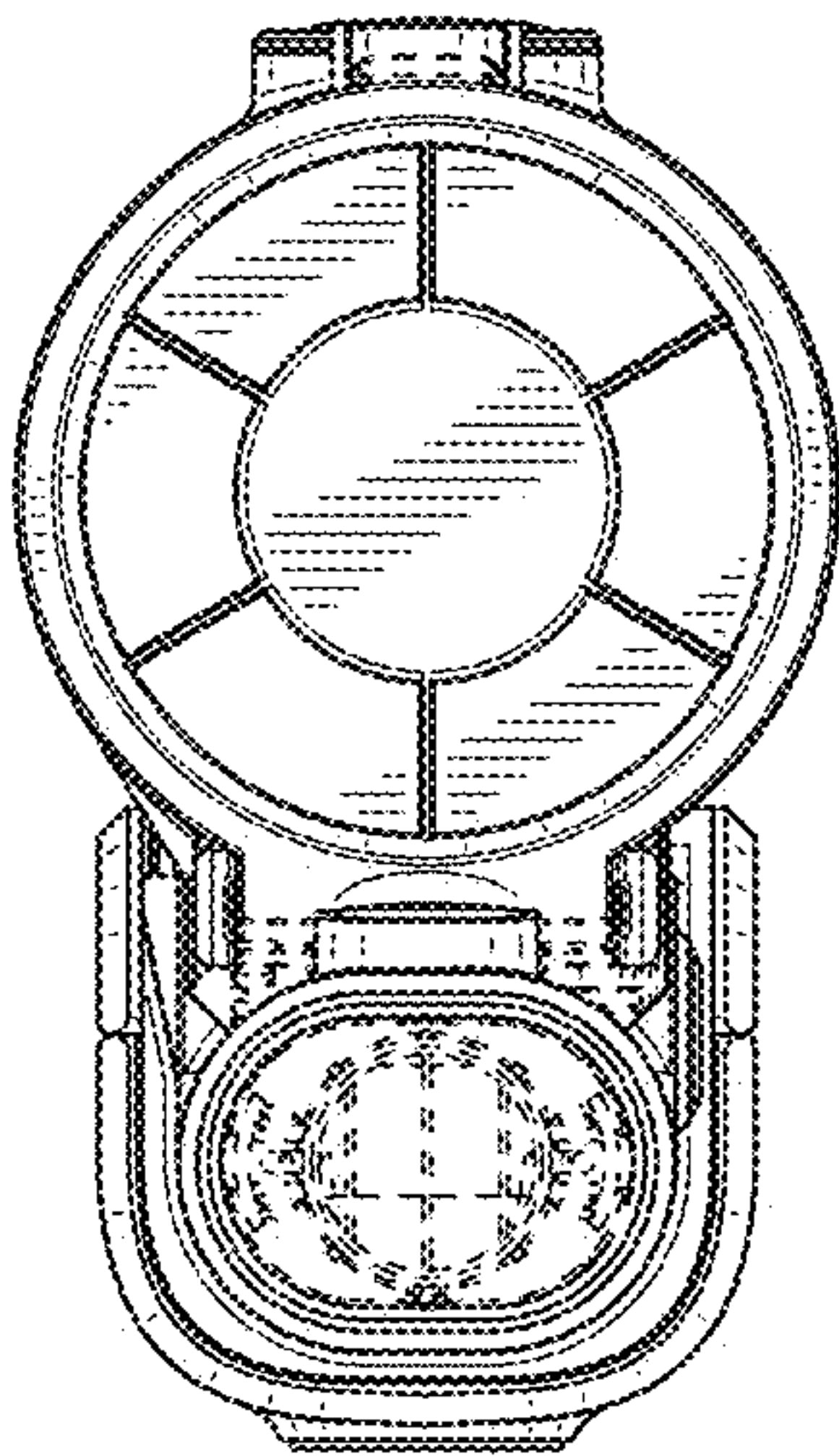


FIG. 6

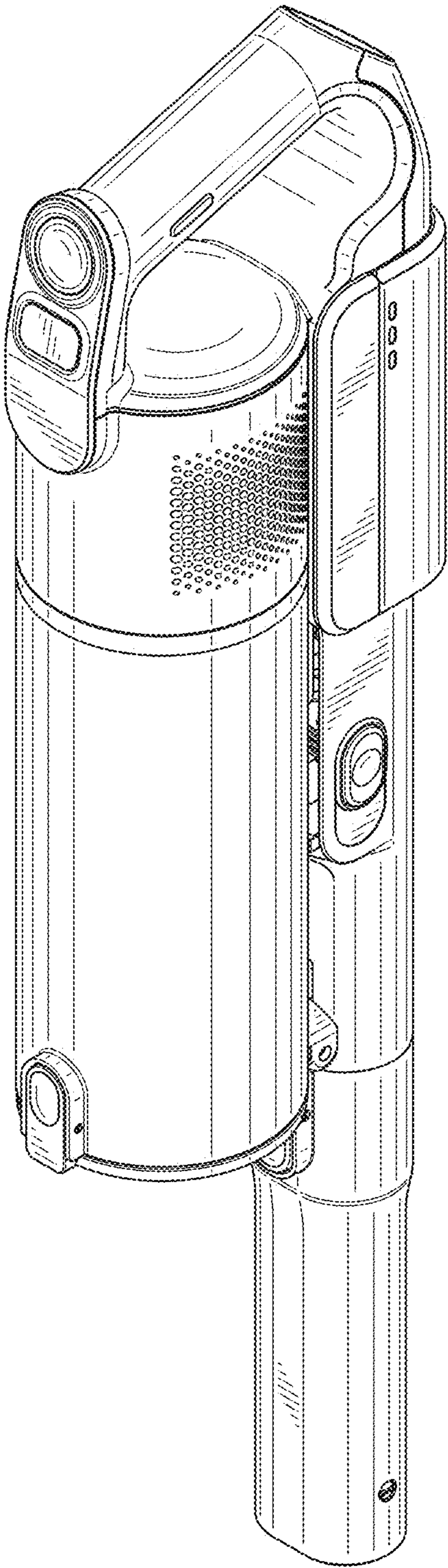


FIG. 7

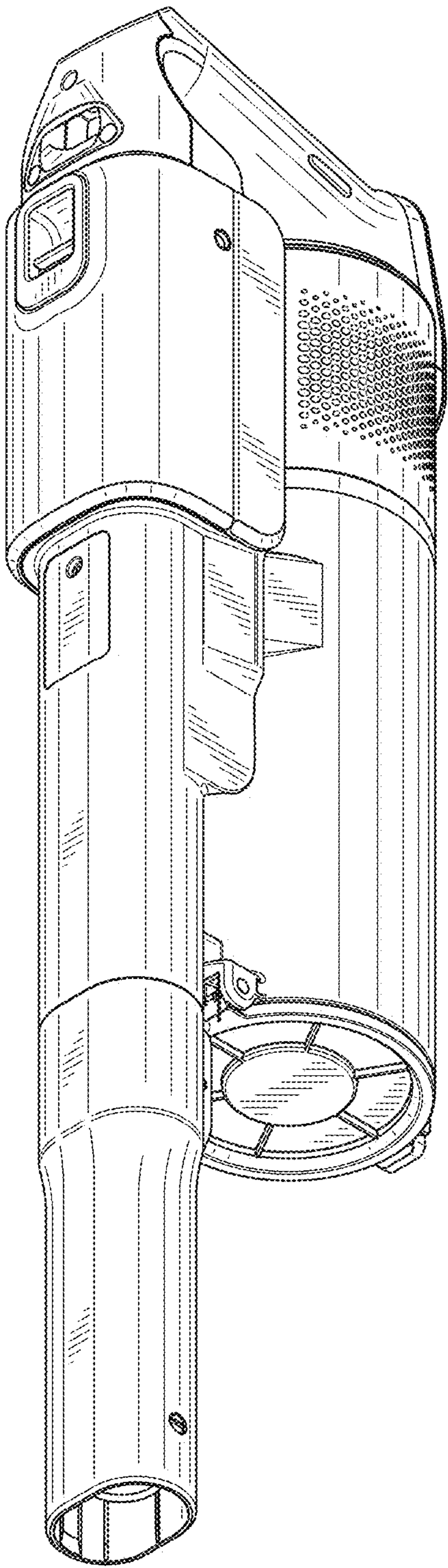


FIG. 8

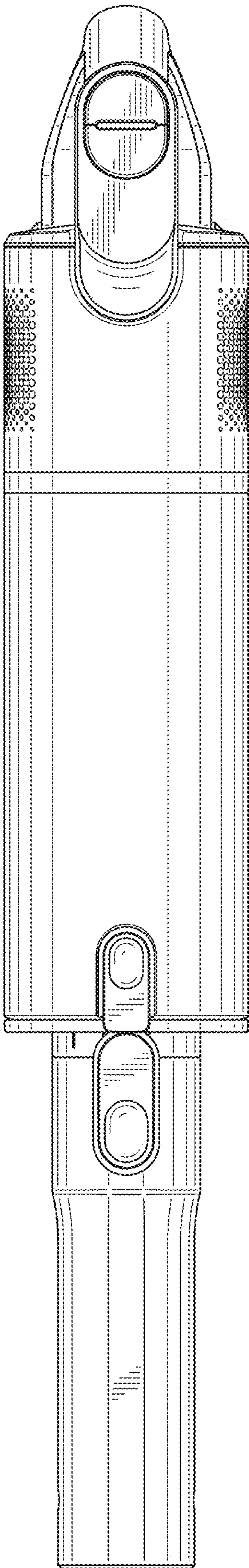


FIG. 9

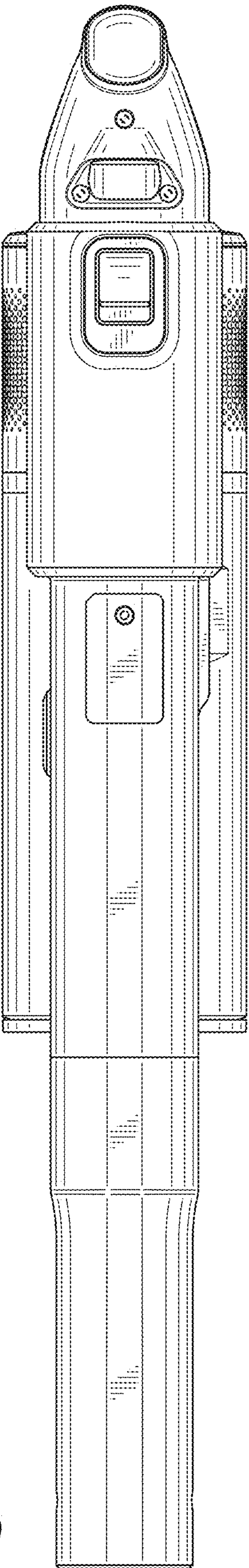


FIG. 10

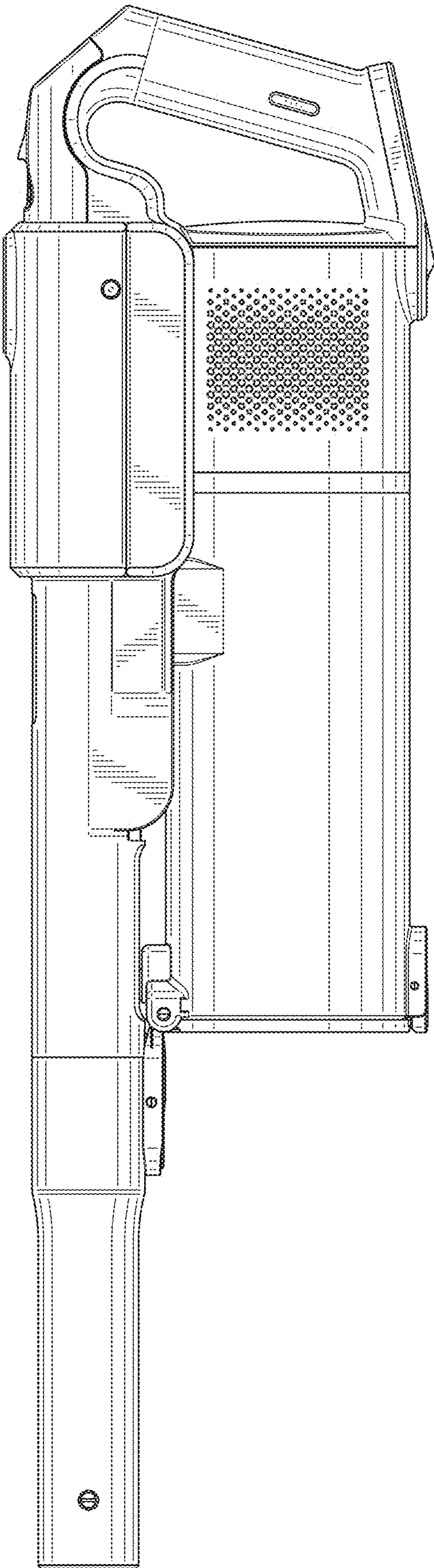


FIG. 11

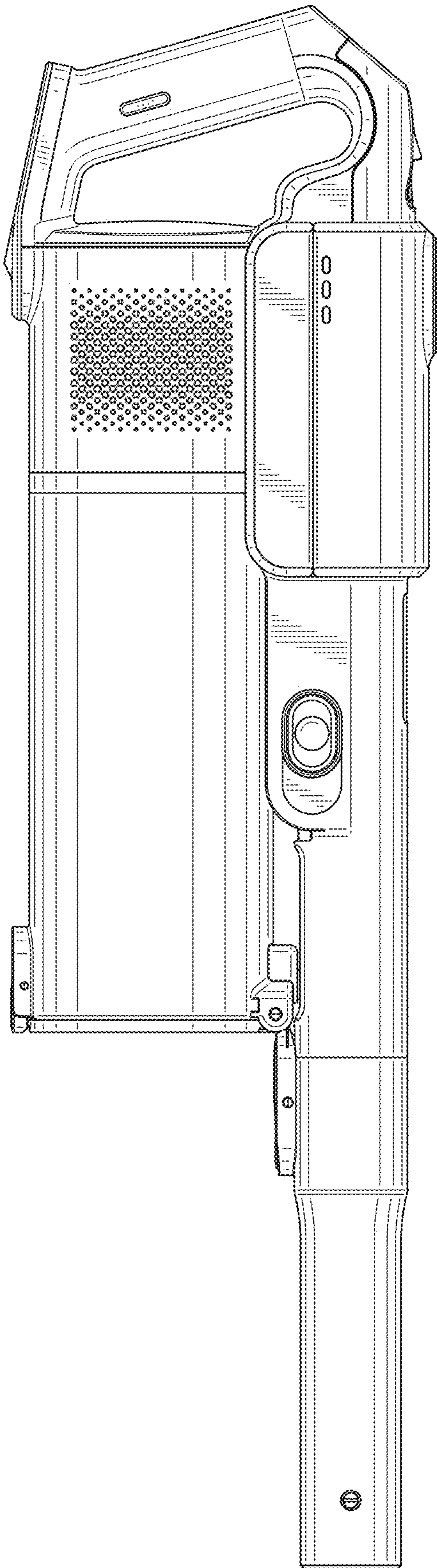


FIG. 12

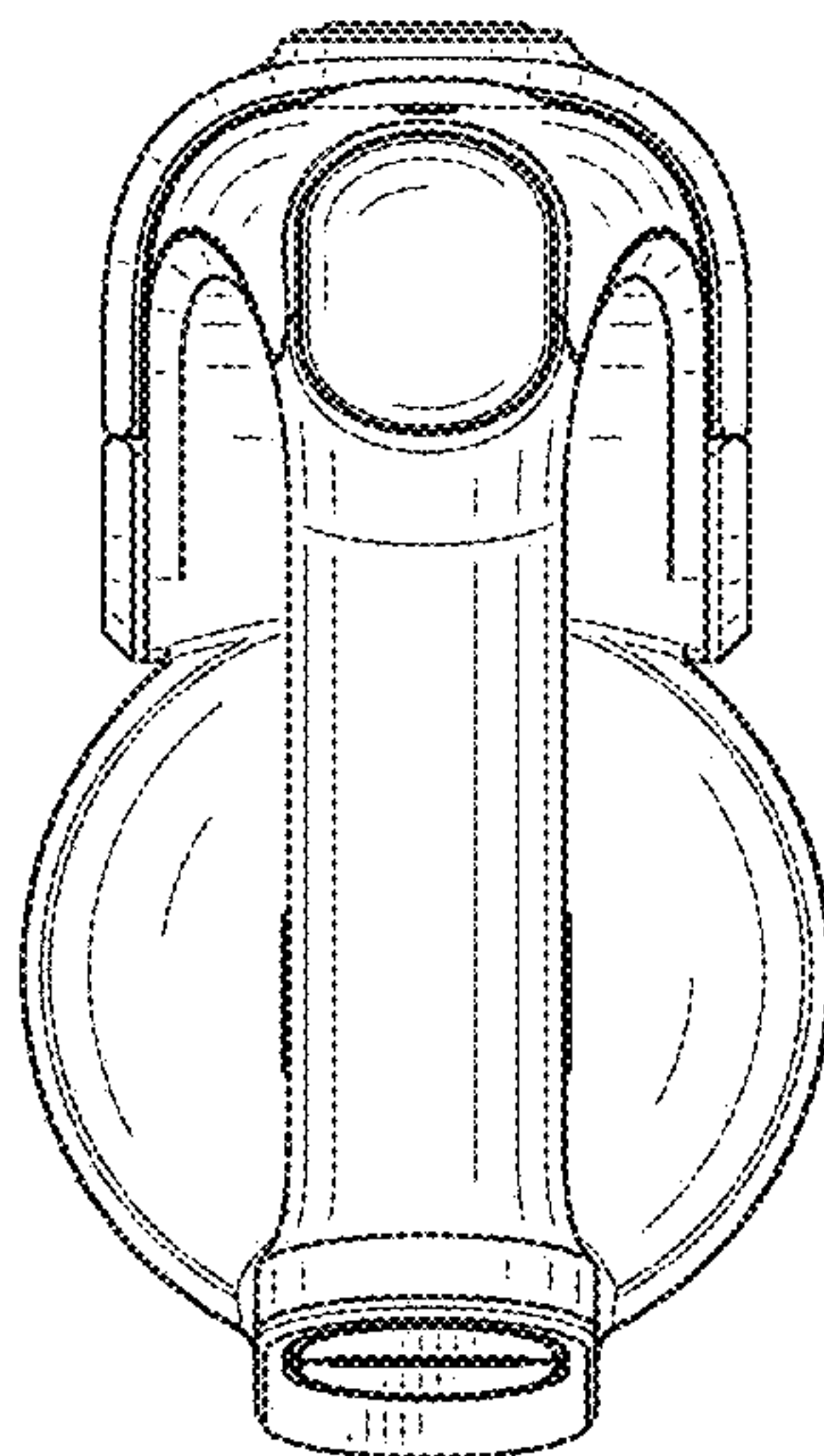


Fig. 13

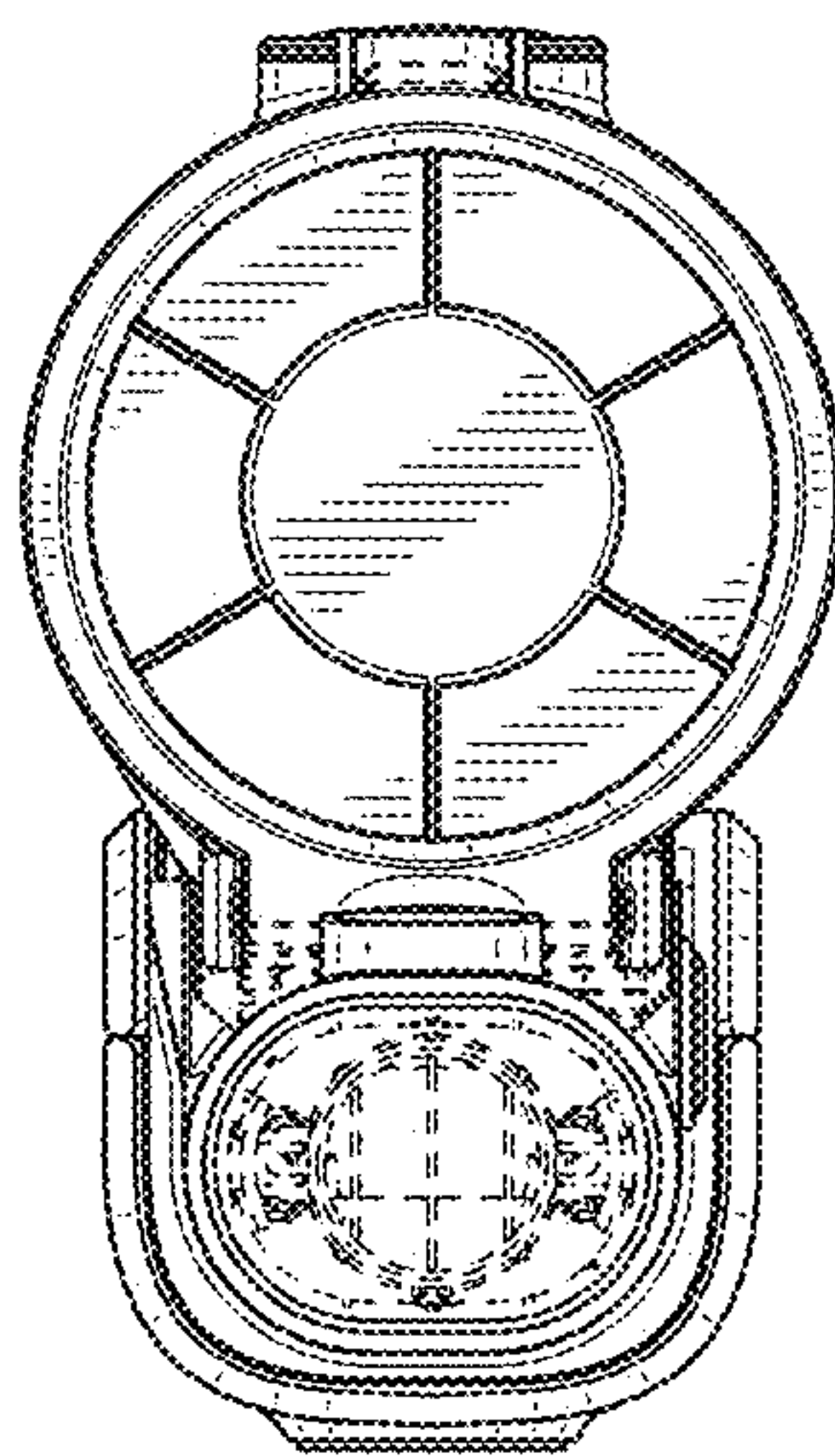


Fig. 14

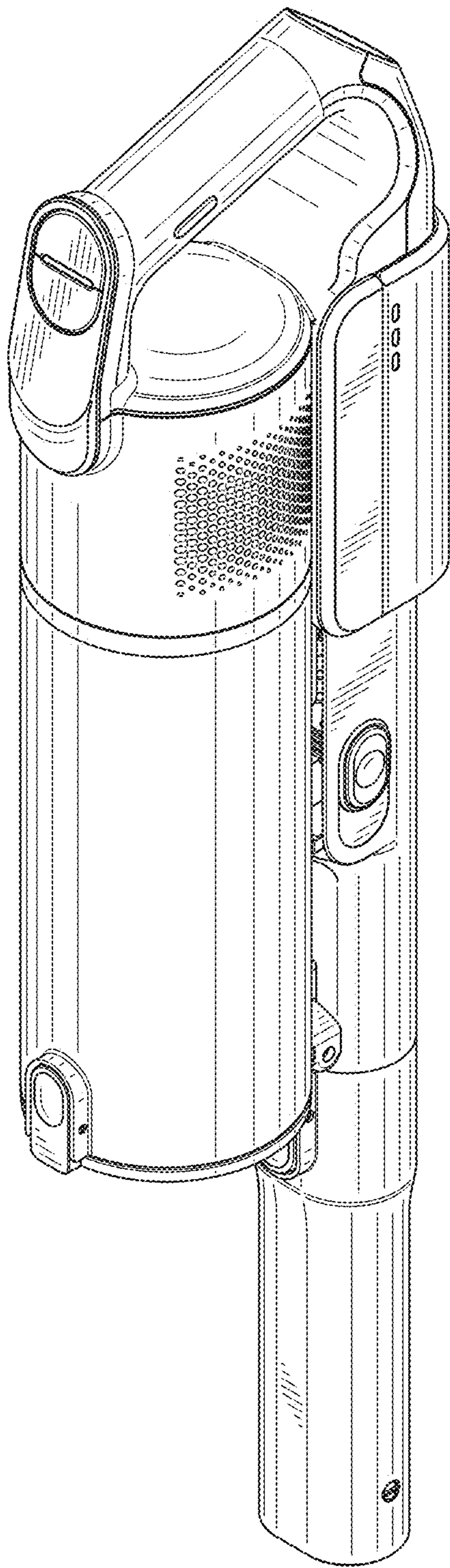


FIG. 15

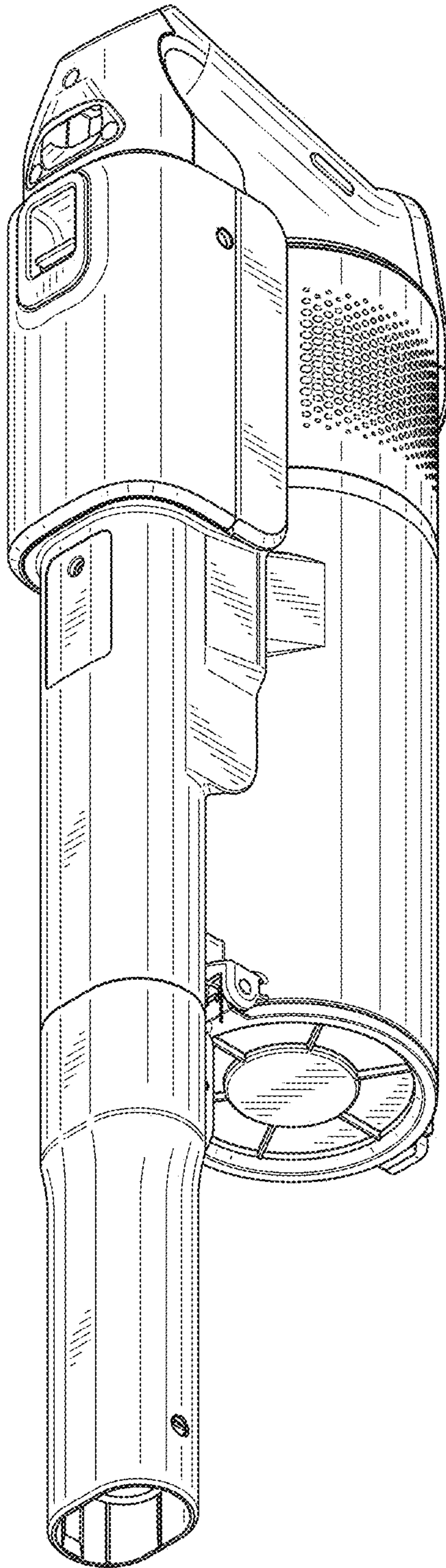


FIG. 10