

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

(10) **Patent No.:** **US D998,917 S**
(45) **Date of Patent:** **** Sep. 12, 2023**

(54) **VACUUM CLEANER**

(71) Applicant: **SHARKNINJA OPERATING LLC**,
Needham, MA (US)

(72) Inventors: **Kyu Seop Lee**, Bedford, MA (US);
Daniel Van Alphen, Lexington, MA
(US); **Monica Eguia**, Quincy, MA (US)

(73) Assignee: **SHARKNINJA OPERATING LLC**,
Needham, MA (US)

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

(21) Appl. No.: **29/726,016**

(22) Filed: **Feb. 28, 2020**

(51) **LOC (14) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/18; D32/22**

(58) **Field of Classification Search**
USPC **D32/15, 17, 18**
(Continued)

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Primary Examiner — Jennifer Rivard
Assistant Examiner — Jennylou M Binas
(74) *Attorney, Agent, or Firm* — Grossman, Tucker, Perreault & Pfleger, PLLC

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective rear, top, right view showing a first embodiment of a vacuum cleaner showing our new design; FIG. 2 is perspective rear, top, left view thereof; FIG. 3 is a perspective front, top, right view thereof; FIG. 4 is a perspective front, top, left view thereof; FIG. 5 is a perspective rear, bottom, right view thereof; FIG. 6 is perspective rear, bottom, left view thereof; FIG. 7 is a perspective front, bottom, left view thereof; FIG. 8 is a perspective front, bottom, right view thereof; FIG. 9 is a top view thereof; FIG. 10 is a bottom view thereof; FIG. 11 is a left side view thereof; FIG. 12 is a right side view thereof; FIG. 13 is a rear view thereof; FIG. 14 is a front view thereof; FIG. 15 is a perspective rear, top, right view showing a second embodiment of the vacuum cleaner showing our new design; FIG. 16 is perspective rear, top, left view thereof; FIG. 17 is a perspective front, top, right view thereof; FIG. 18 is a perspective front, top, left view thereof; FIG. 19 is a perspective rear, bottom, right view thereof; FIG. 20 is perspective rear, bottom, left view thereof;
(Continued)

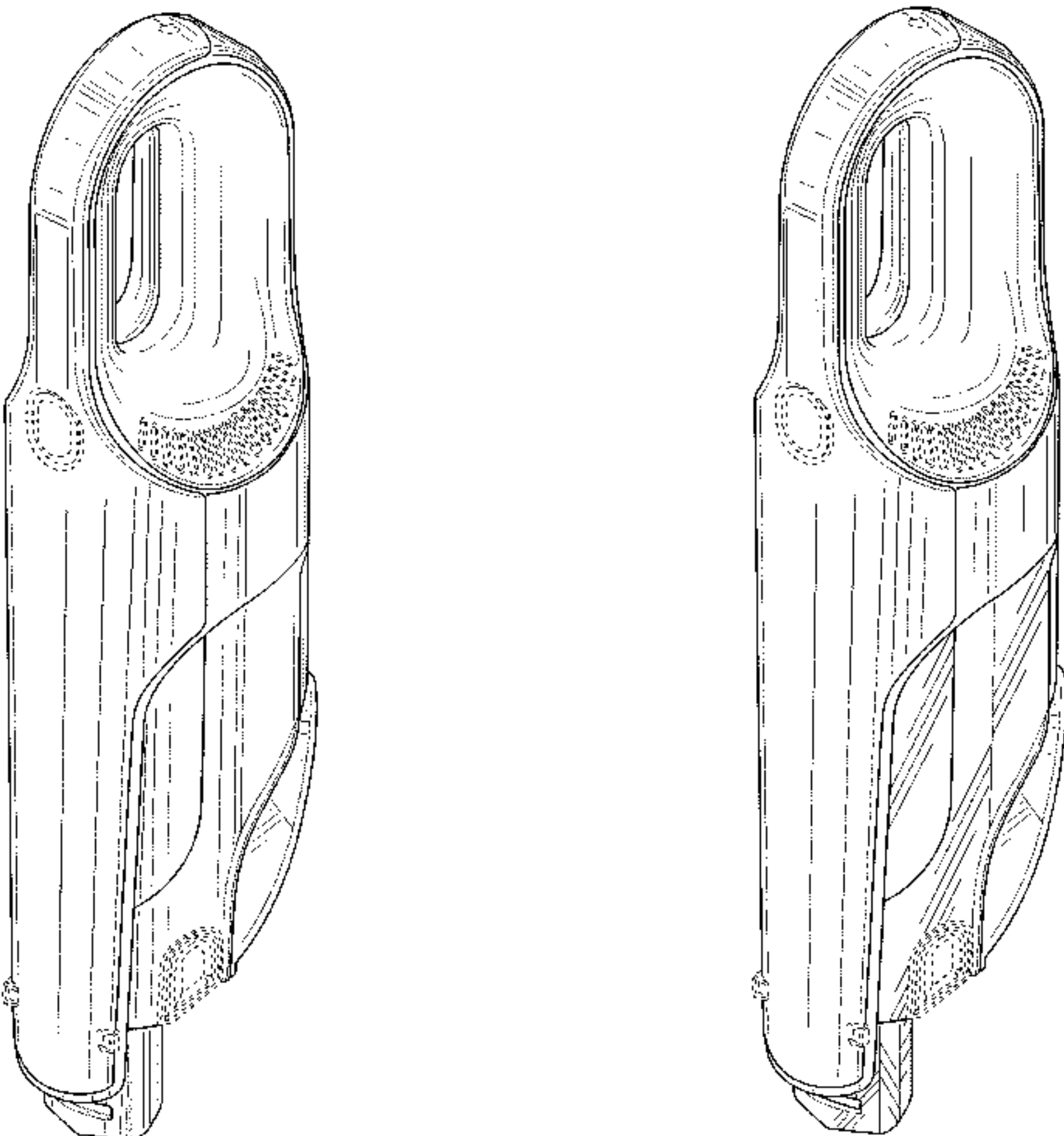


FIG. 21 is a perspective front, bottom, left view thereof;
FIG. 22 is a perspective front, bottom, right view thereof;
FIG. 23 is a top view thereof;
FIG. 24 is a bottom view thereof;
FIG. 25 is a left side view thereof;
FIG. 26 is a right side view thereof;
FIG. 27 is a rear view thereof, and;
FIG. 28 is a front view thereof.
The broken lines in the drawings depict portions of the vacuum cleaner that forms no part of the claimed design.

1 Claim, 22 Drawing Sheets

(58) **Field of Classification Search**
USPC D32/21, 22, 31; D21/526
CPC A47L 5/24; A47L 5/26; A47L 5/30; A47L 5/34; A47L 5/36; A47L 9/04; A47L 9/102; A47L 9/106; A47L 11/30; A47L 11/302; A47L 11/4005; A47L 11/4008; A47L 11/4044; B04C 5/185; B23Q 11/0046; B23Q 11/0071; E04H 4/1636
See application file for complete search history.

(56)

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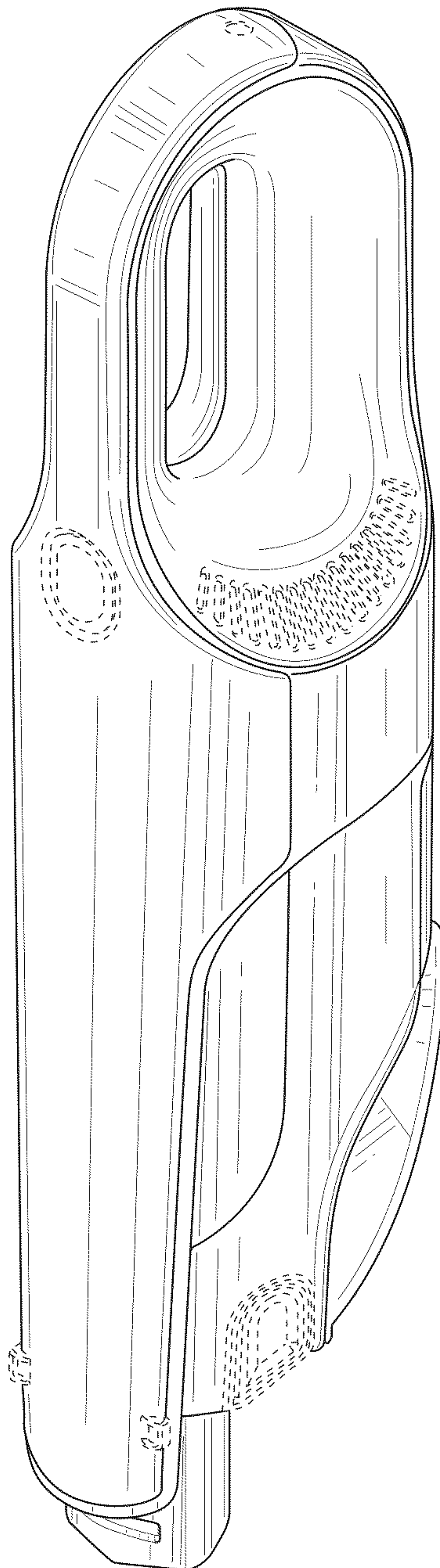


FIG. 1

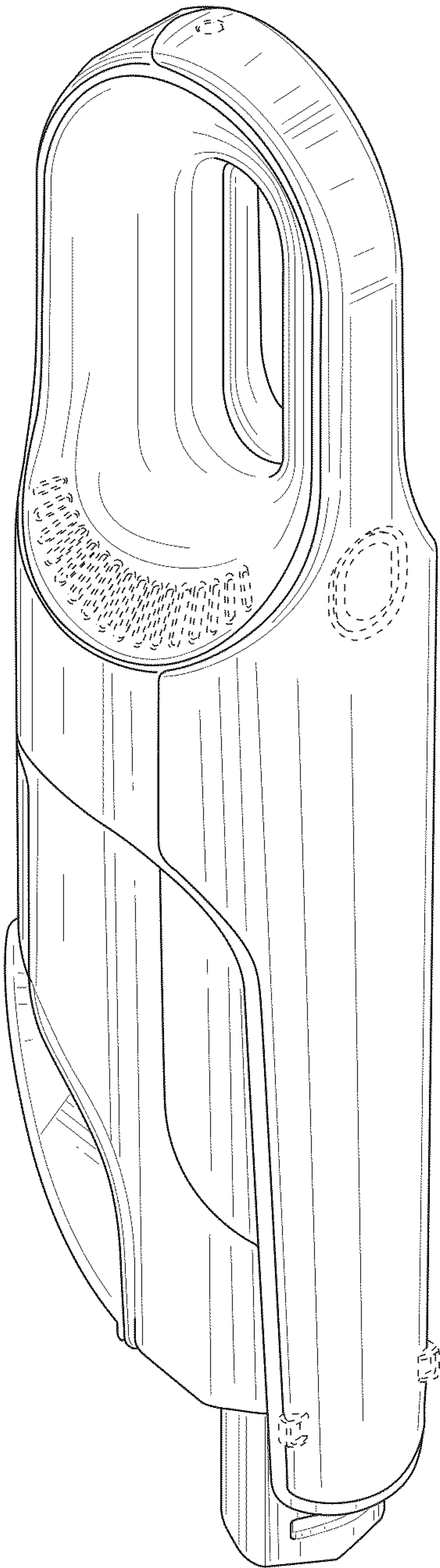


FIG. 2

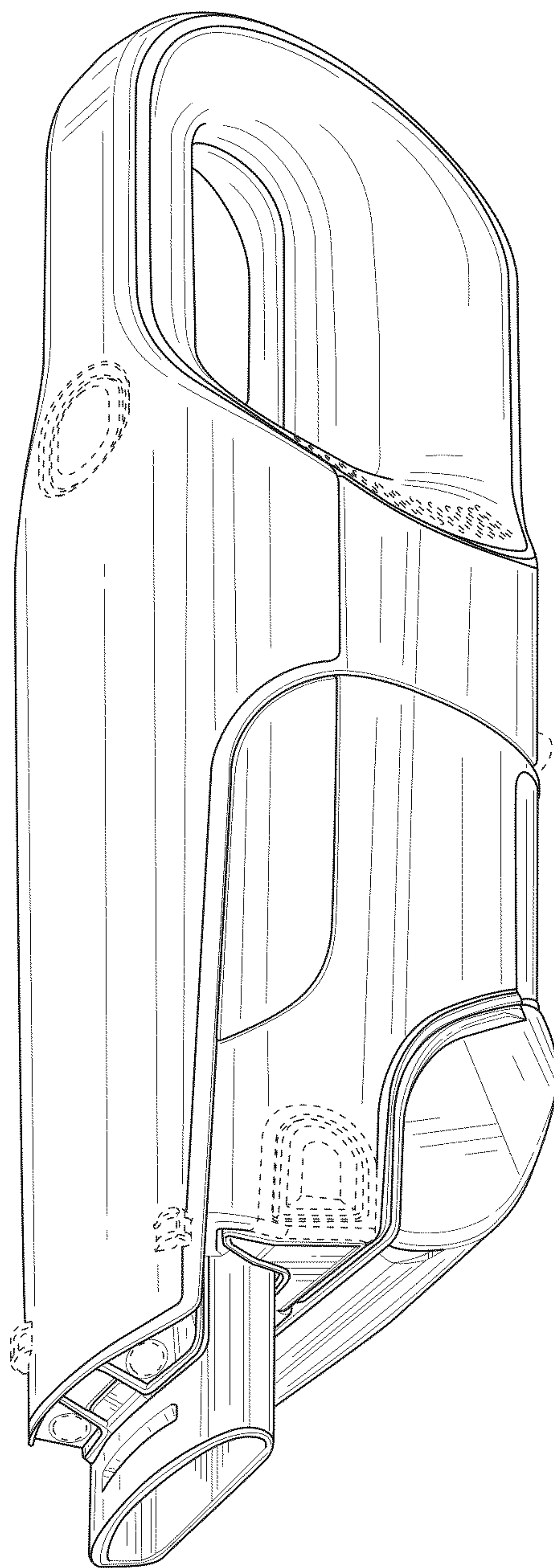


FIG. 3

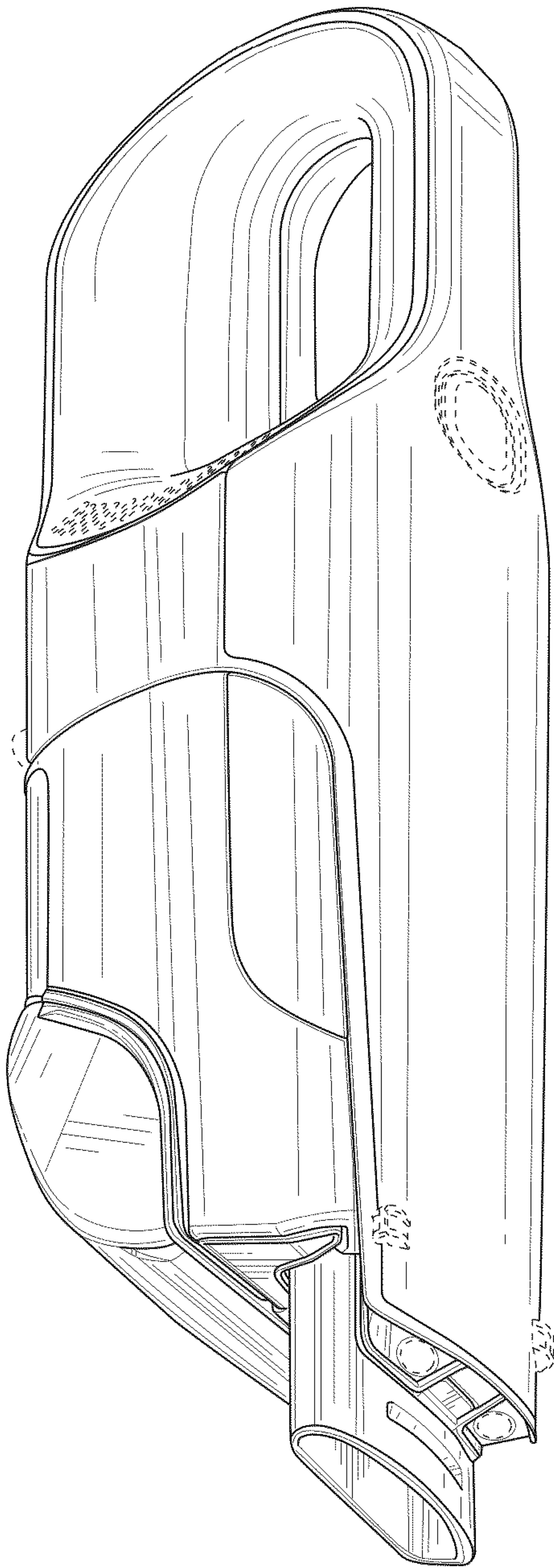


FIG. 4

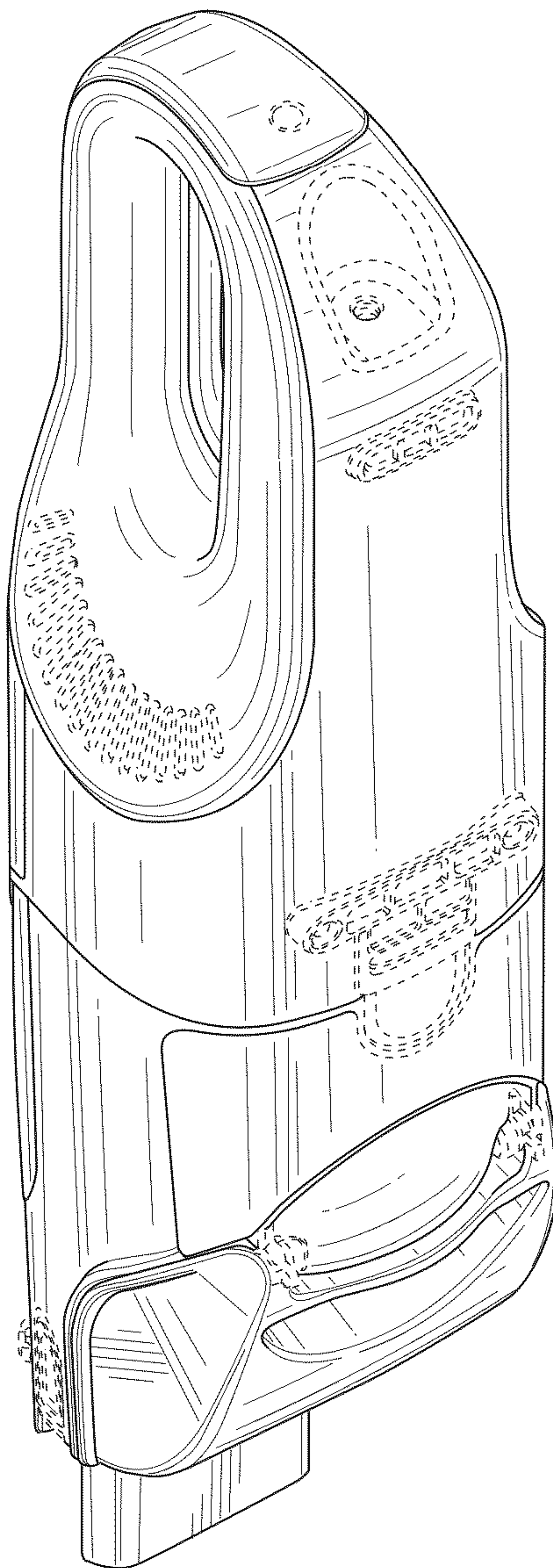


FIG. 5

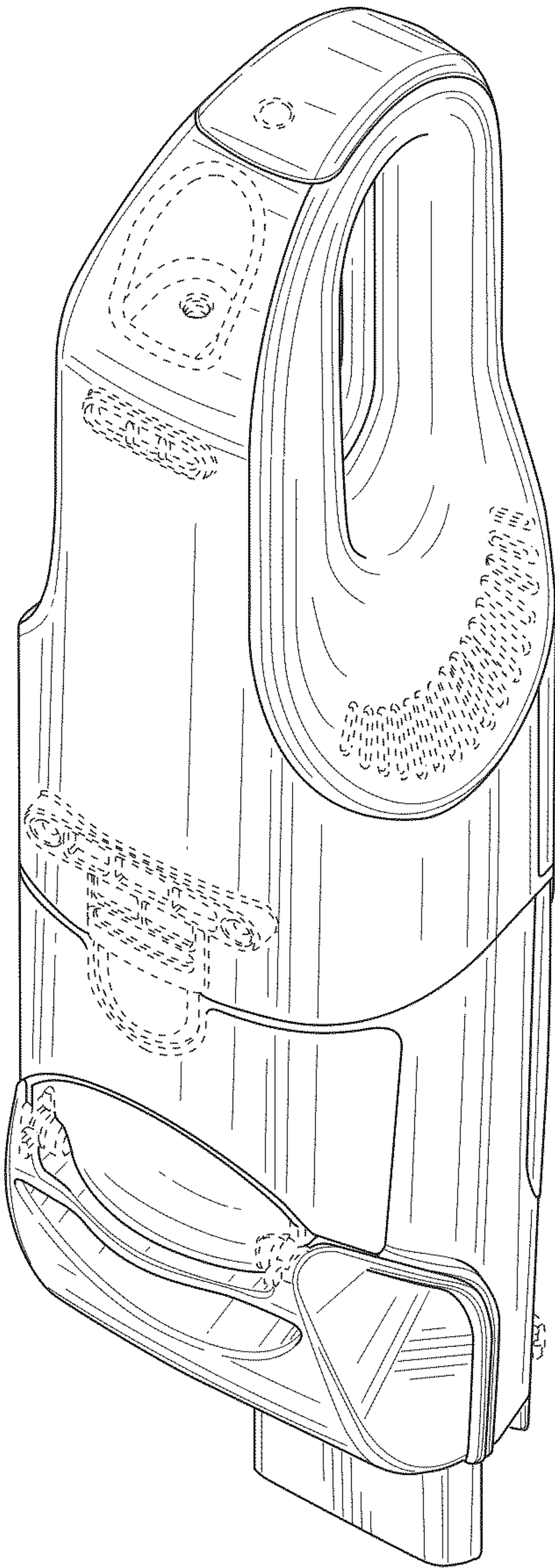


FIG. 6

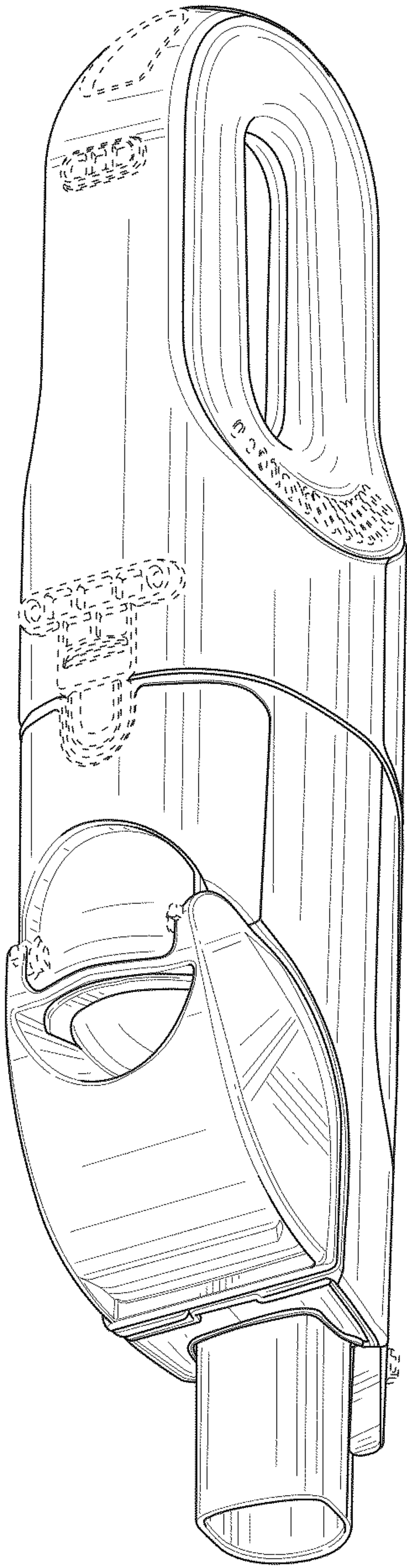


FIG. 7

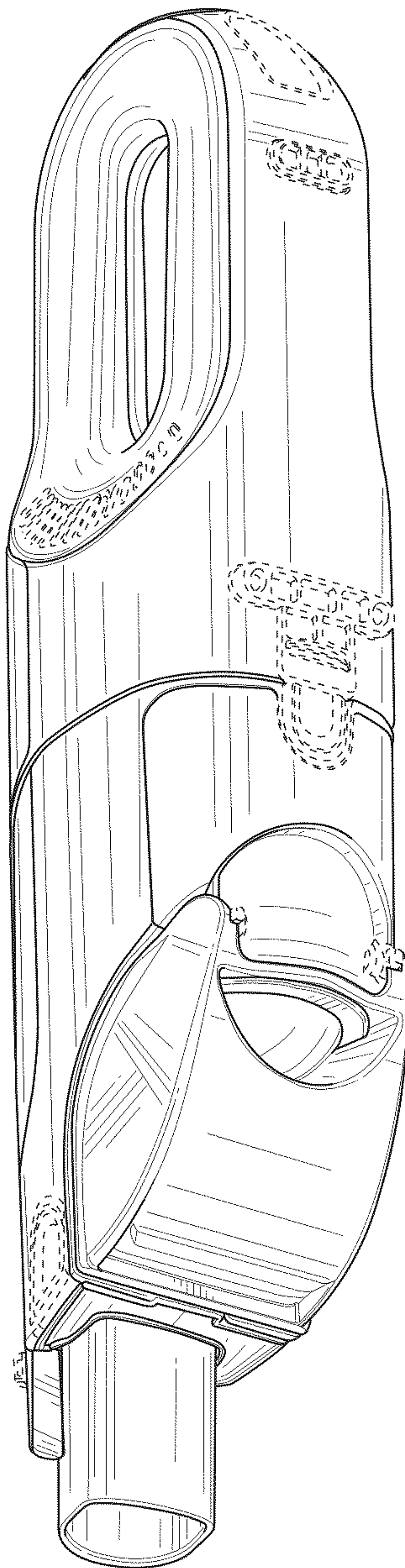


FIG. 8

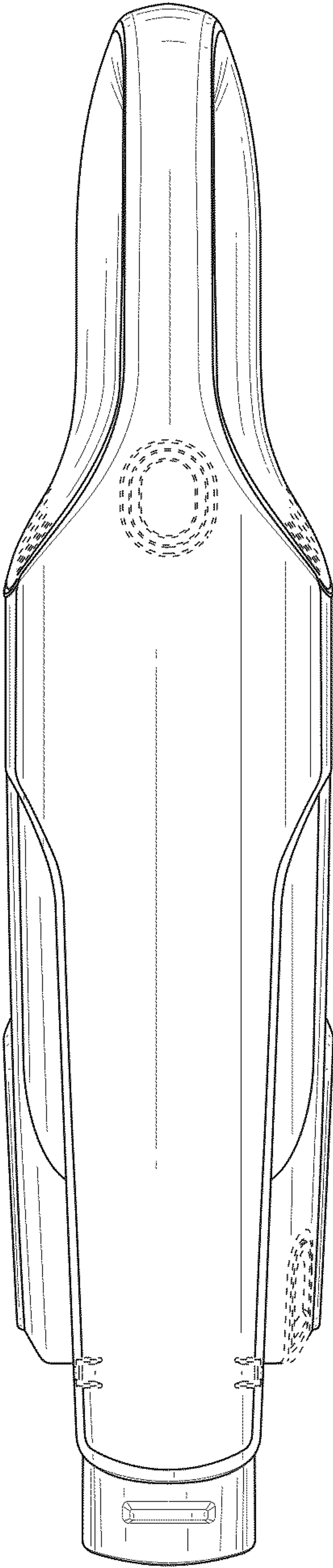


FIG. 9

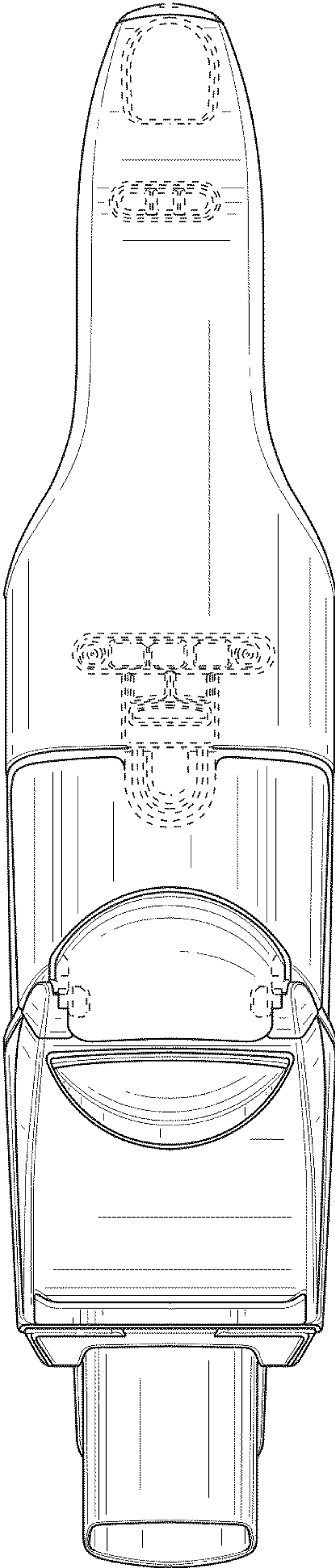


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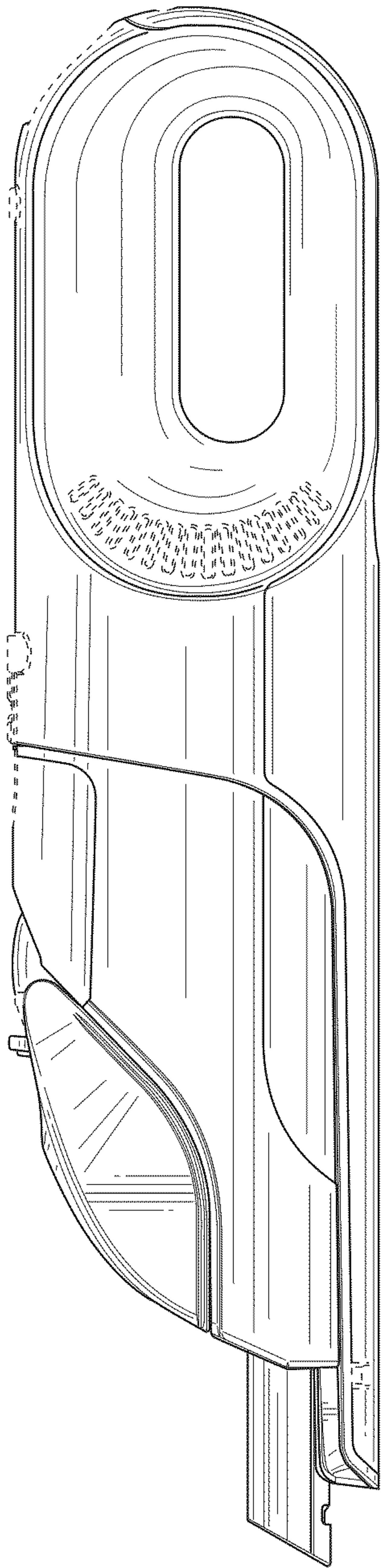


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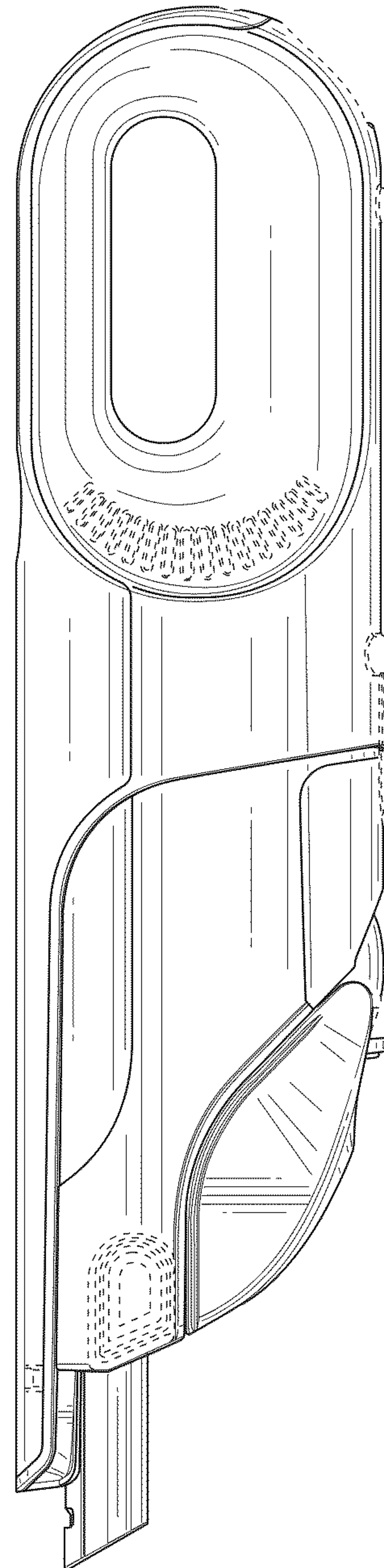


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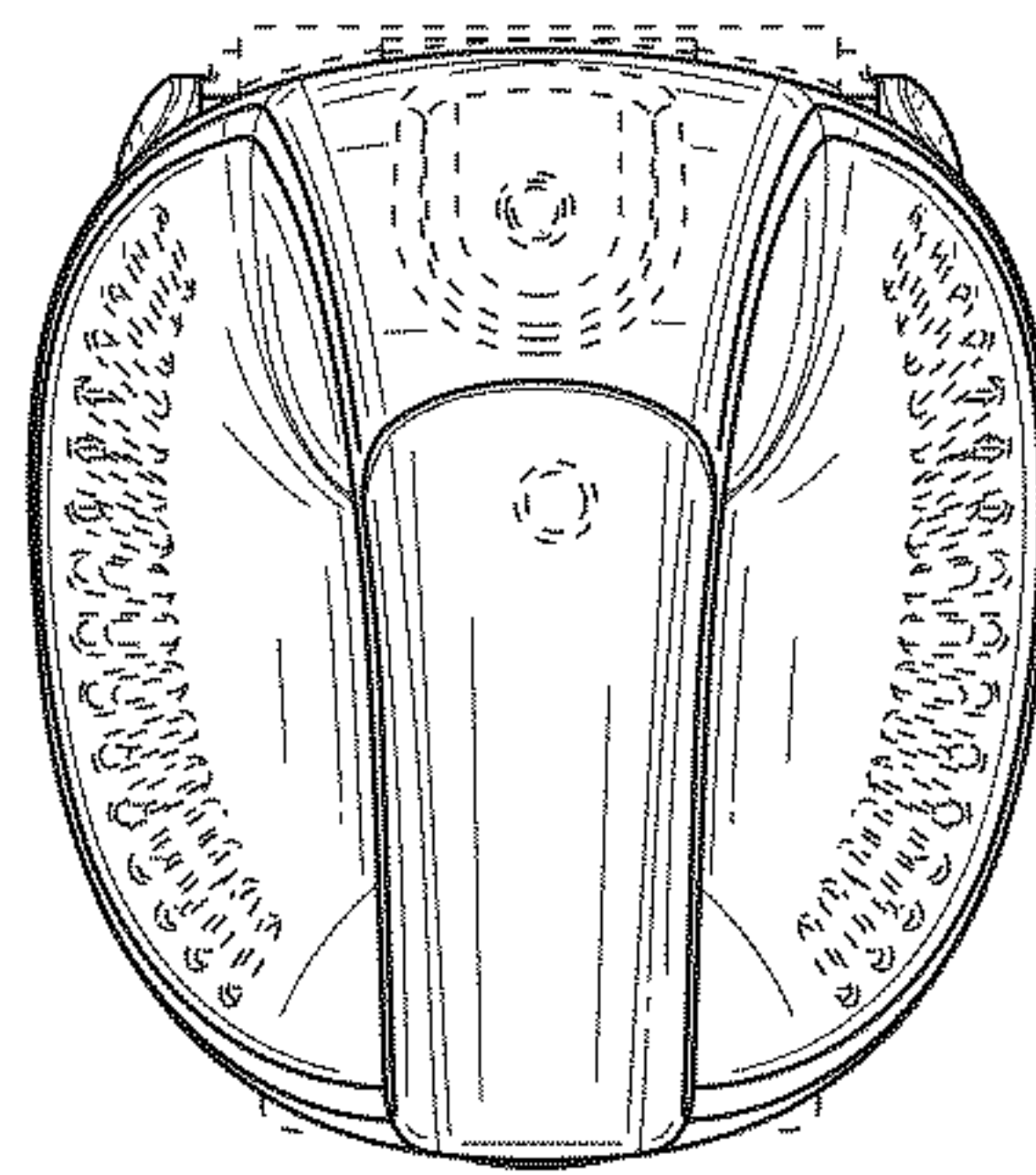


FIG. 13

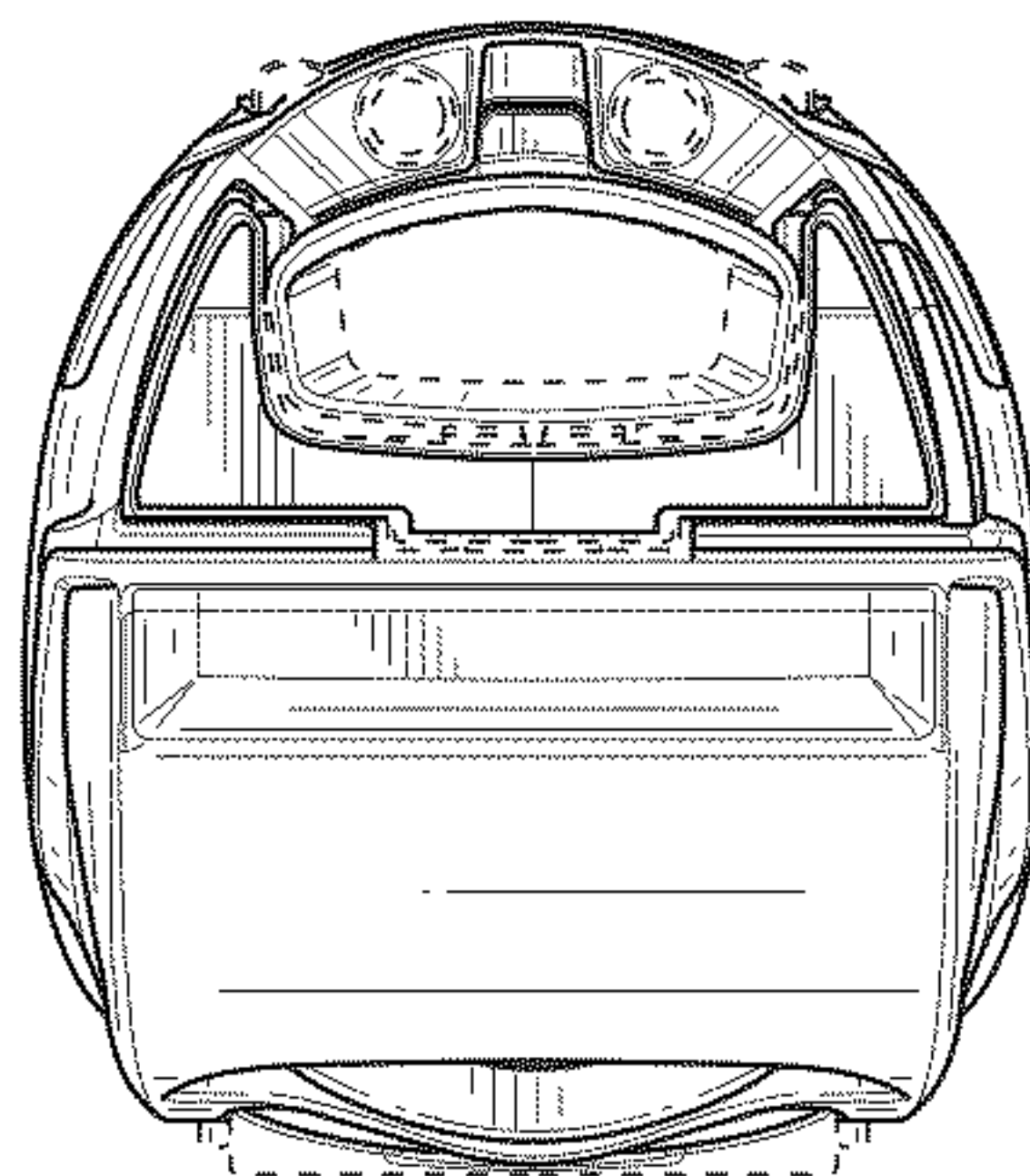


FIG. 14

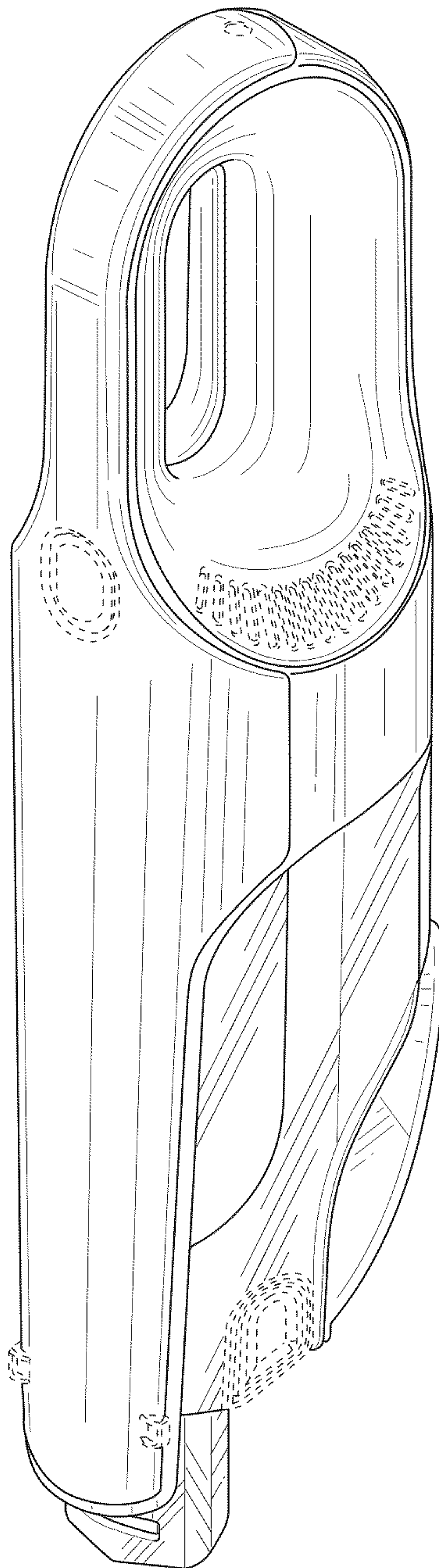


FIG. 15

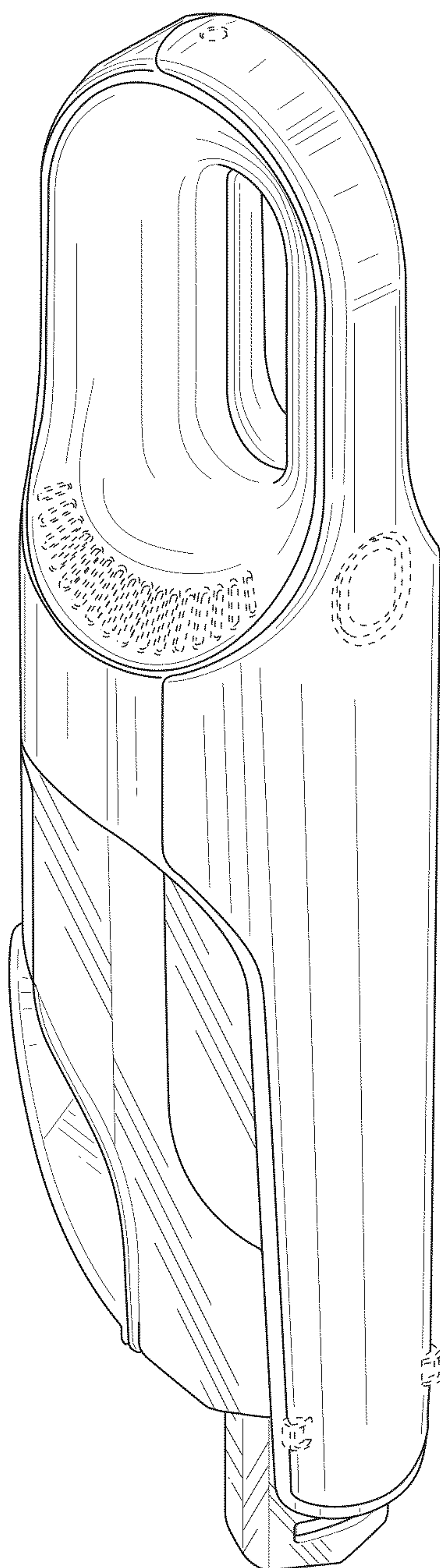


FIG. 16

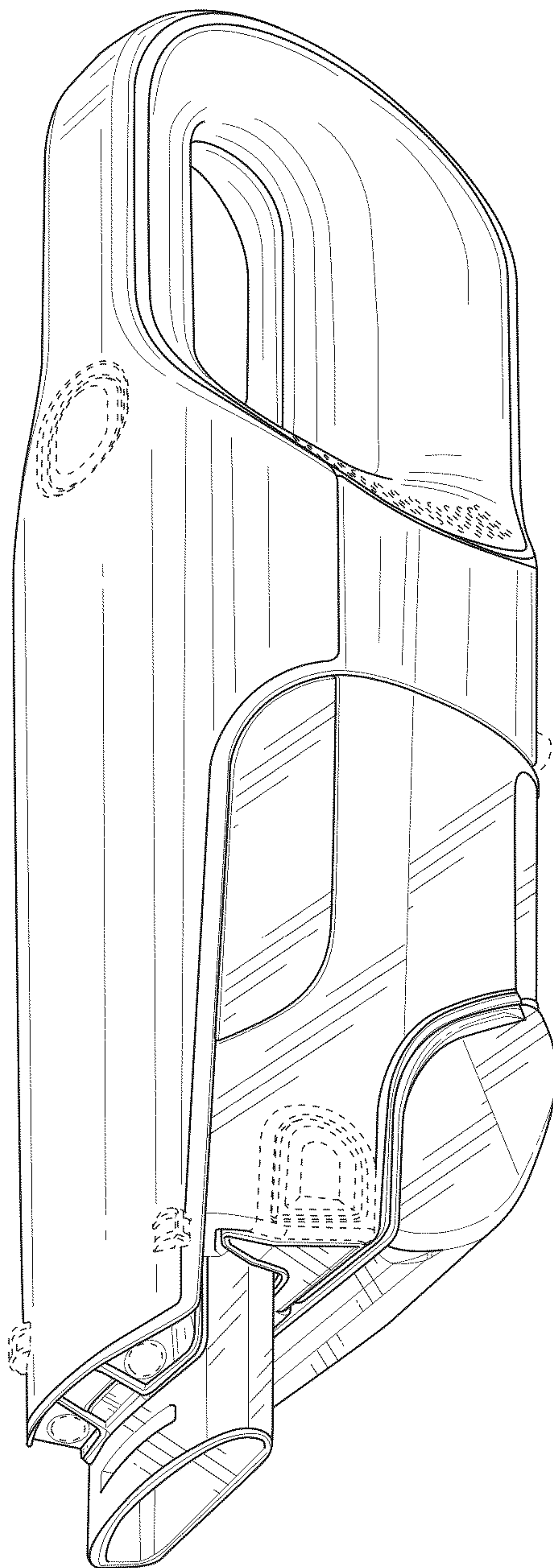


FIG. 17

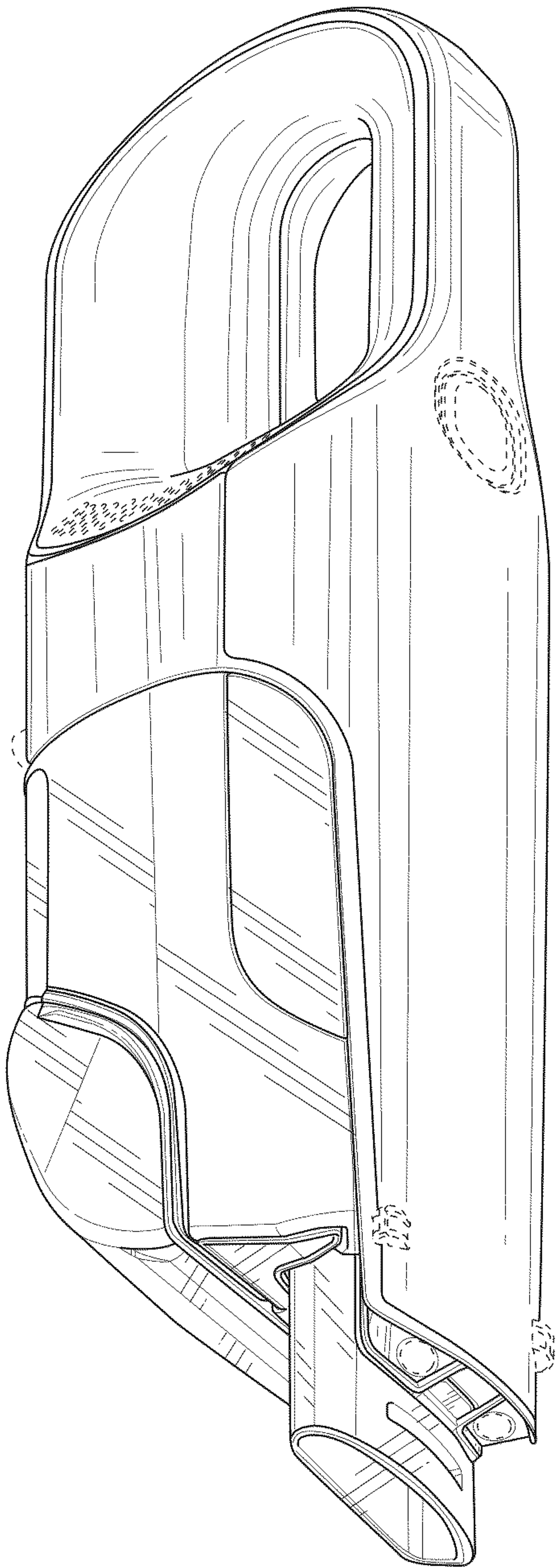


FIG. 18

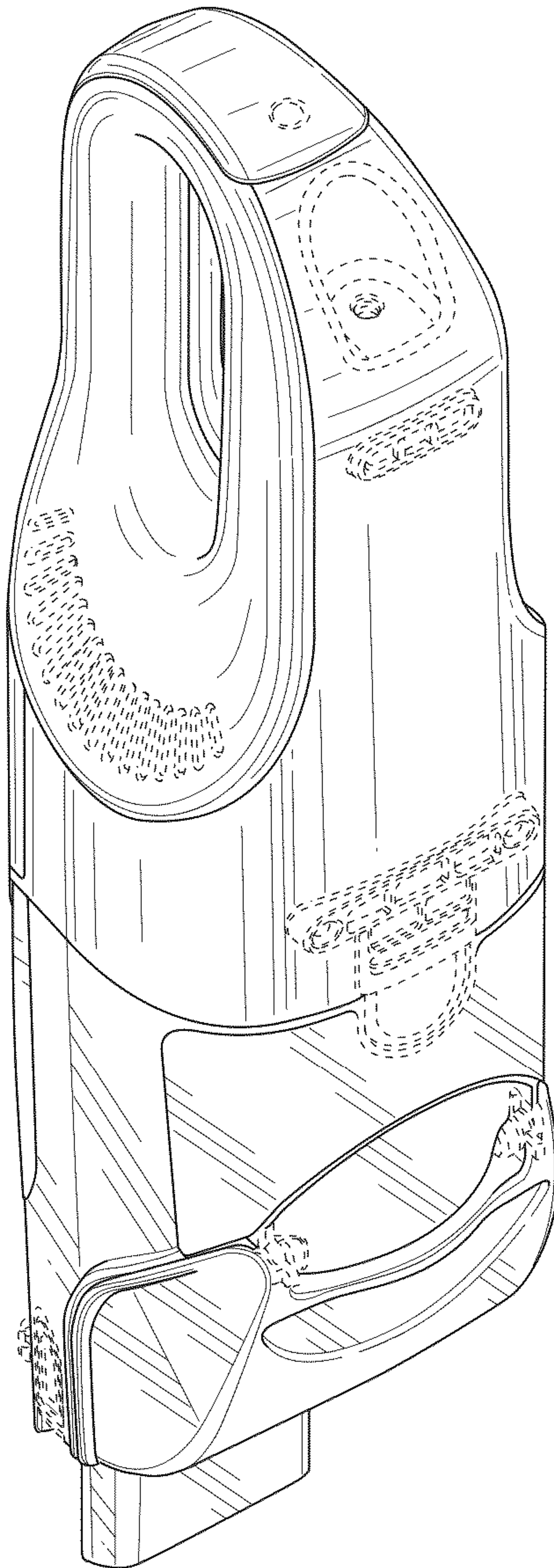


FIG. 19

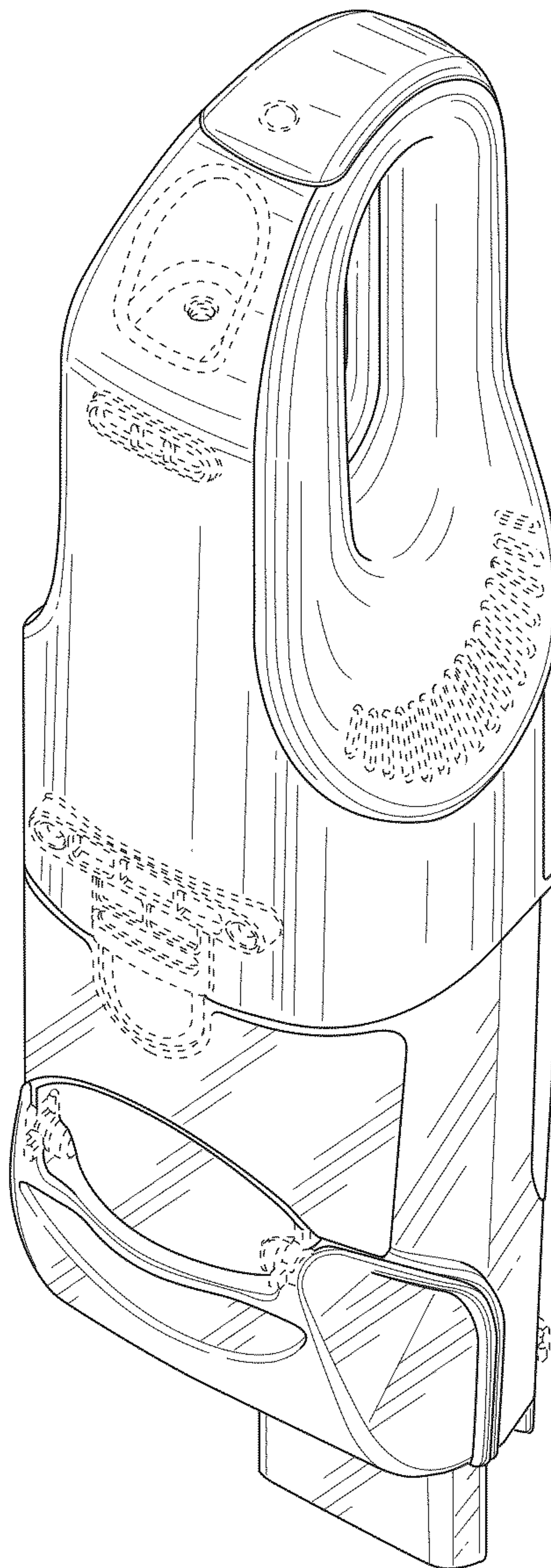


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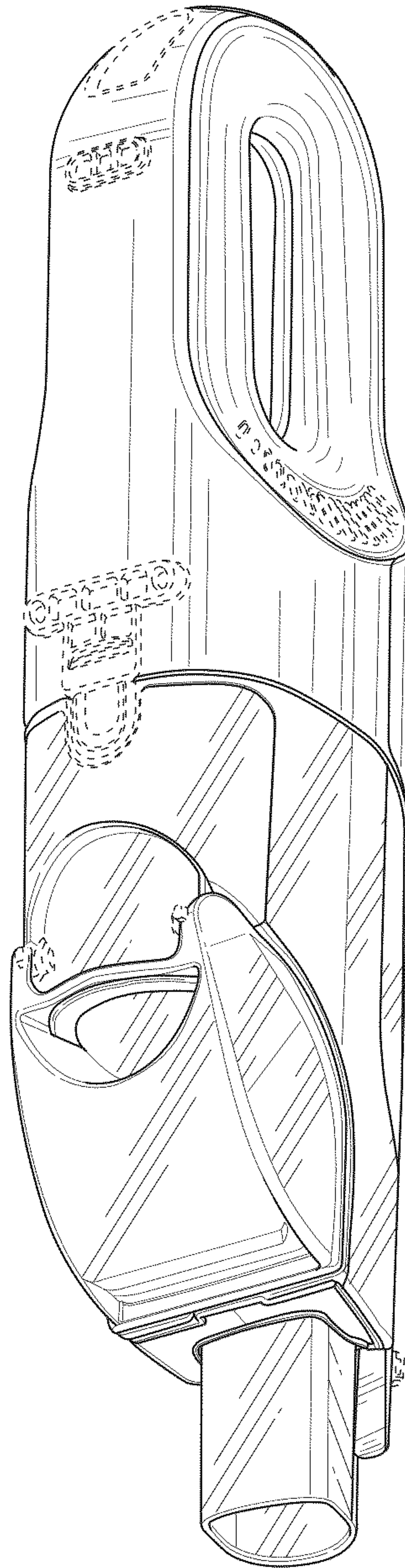


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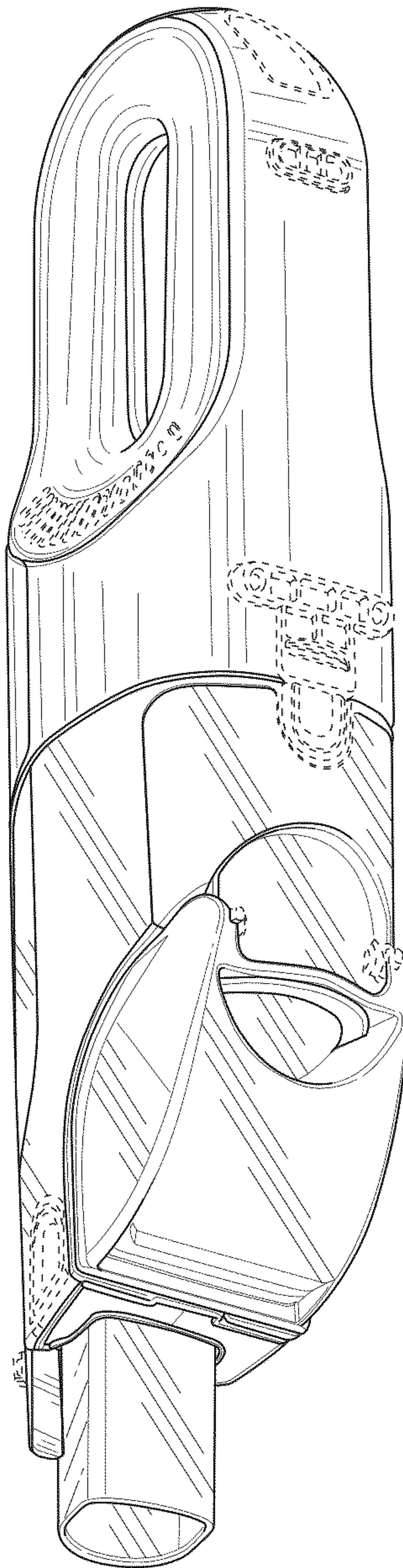


FIG. 22

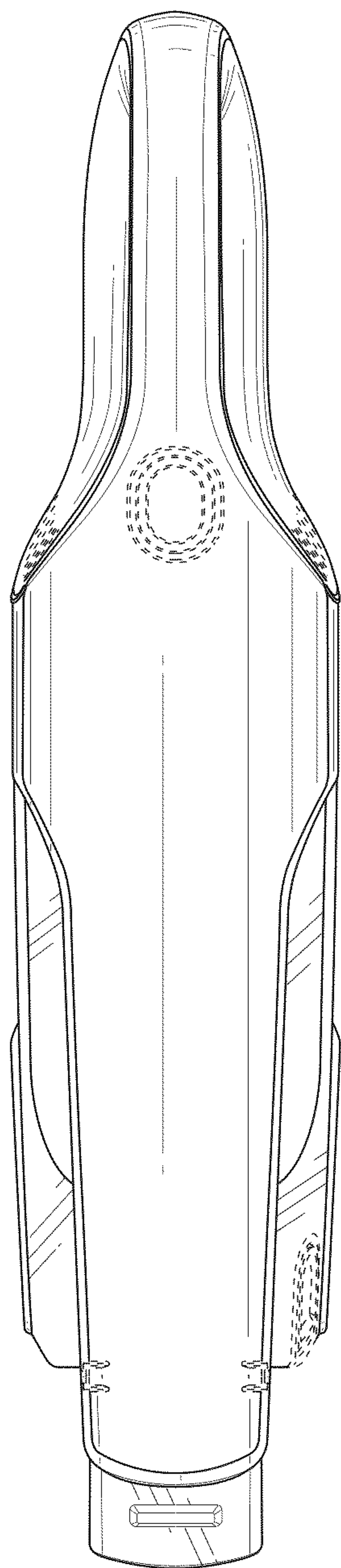


FIG. 23

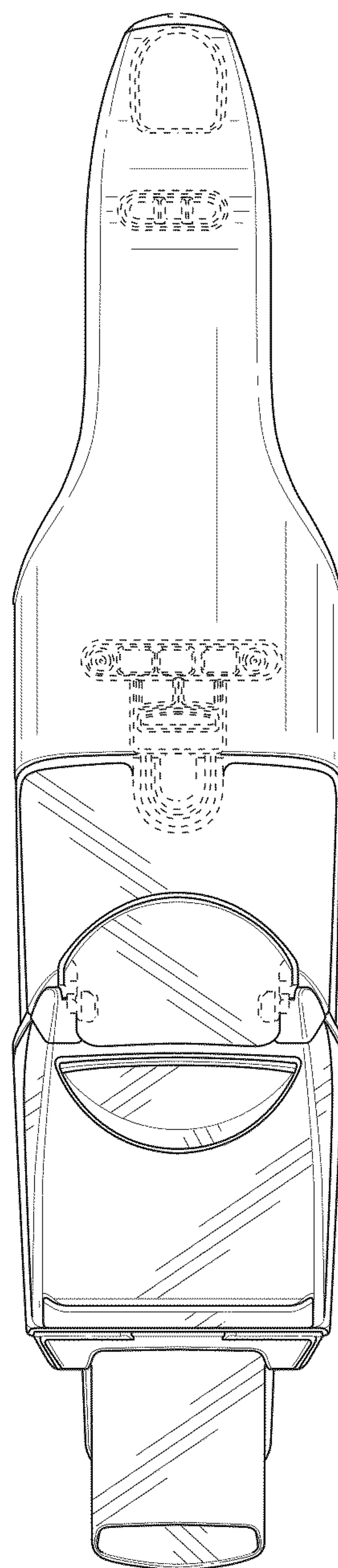


FIG. 24

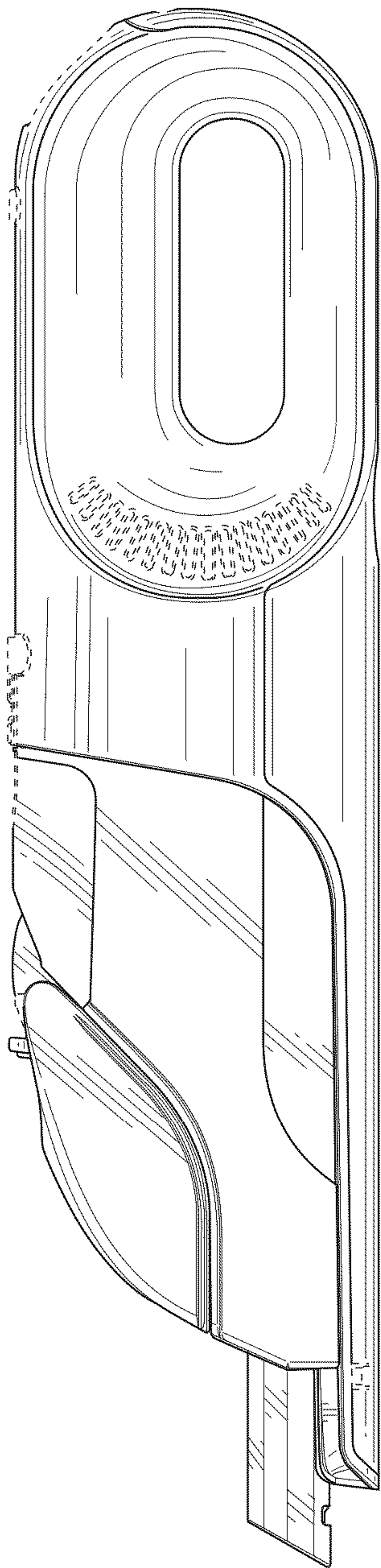


FIG. 25

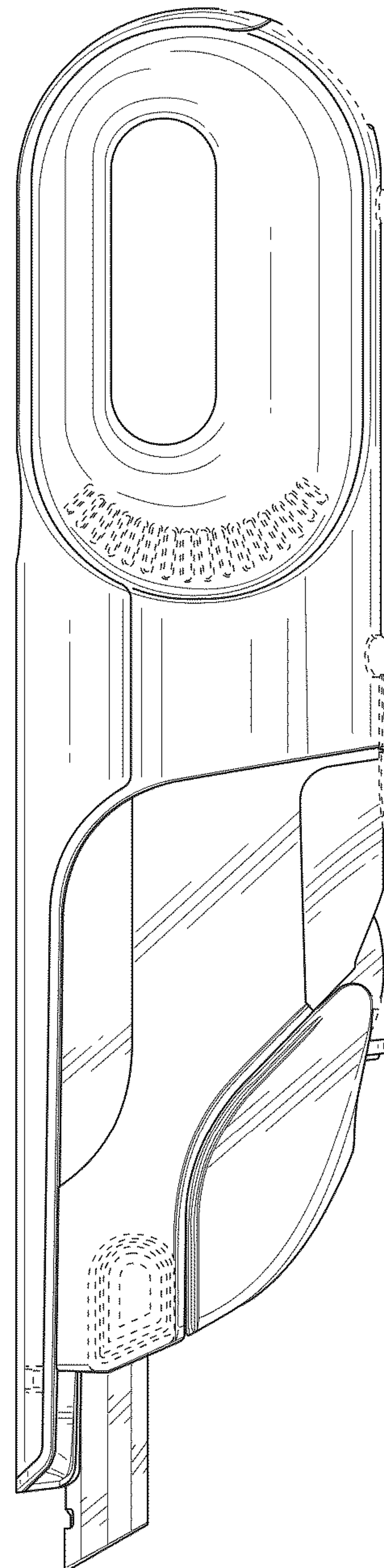


FIG. 26

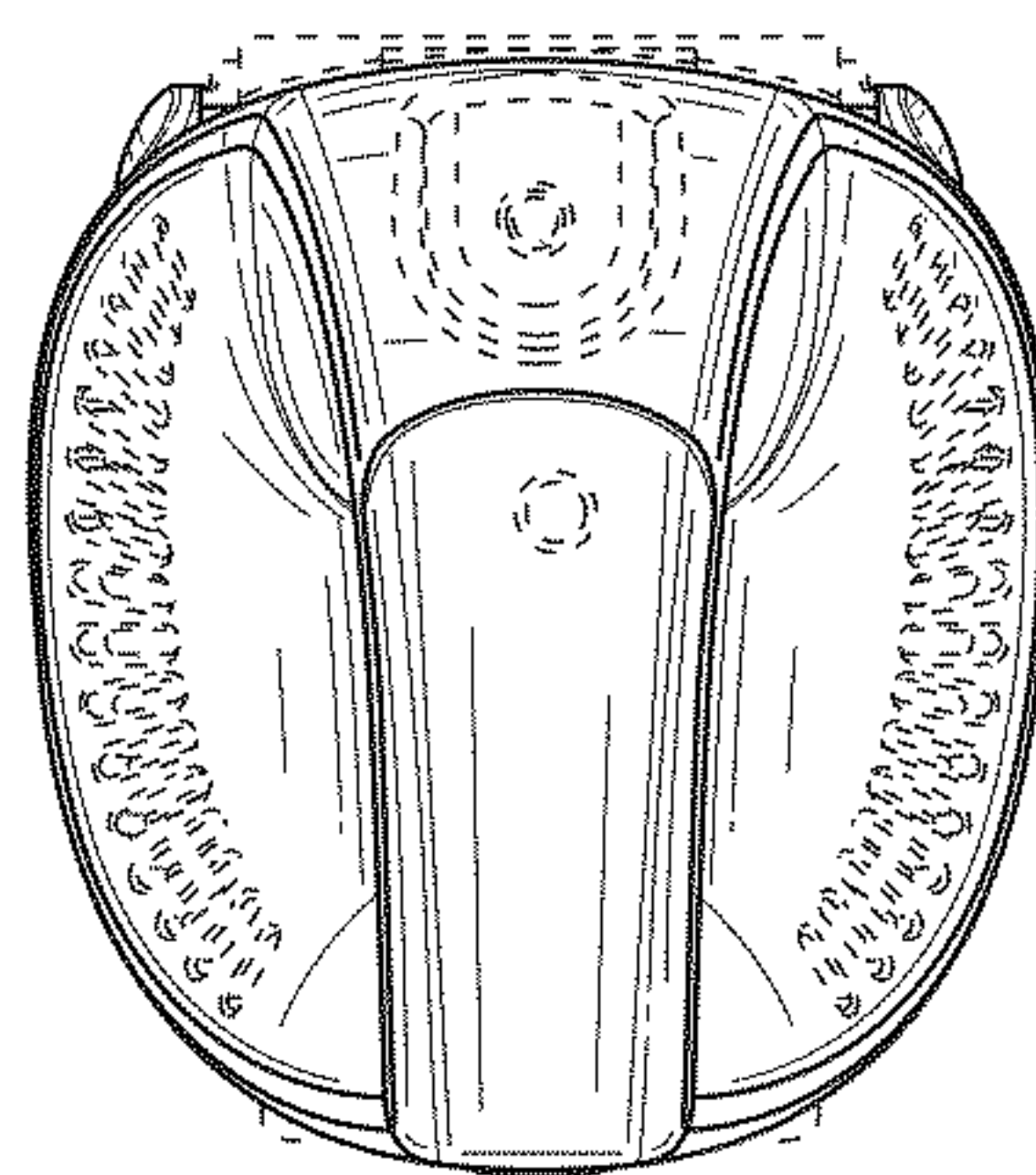


FIG. 27

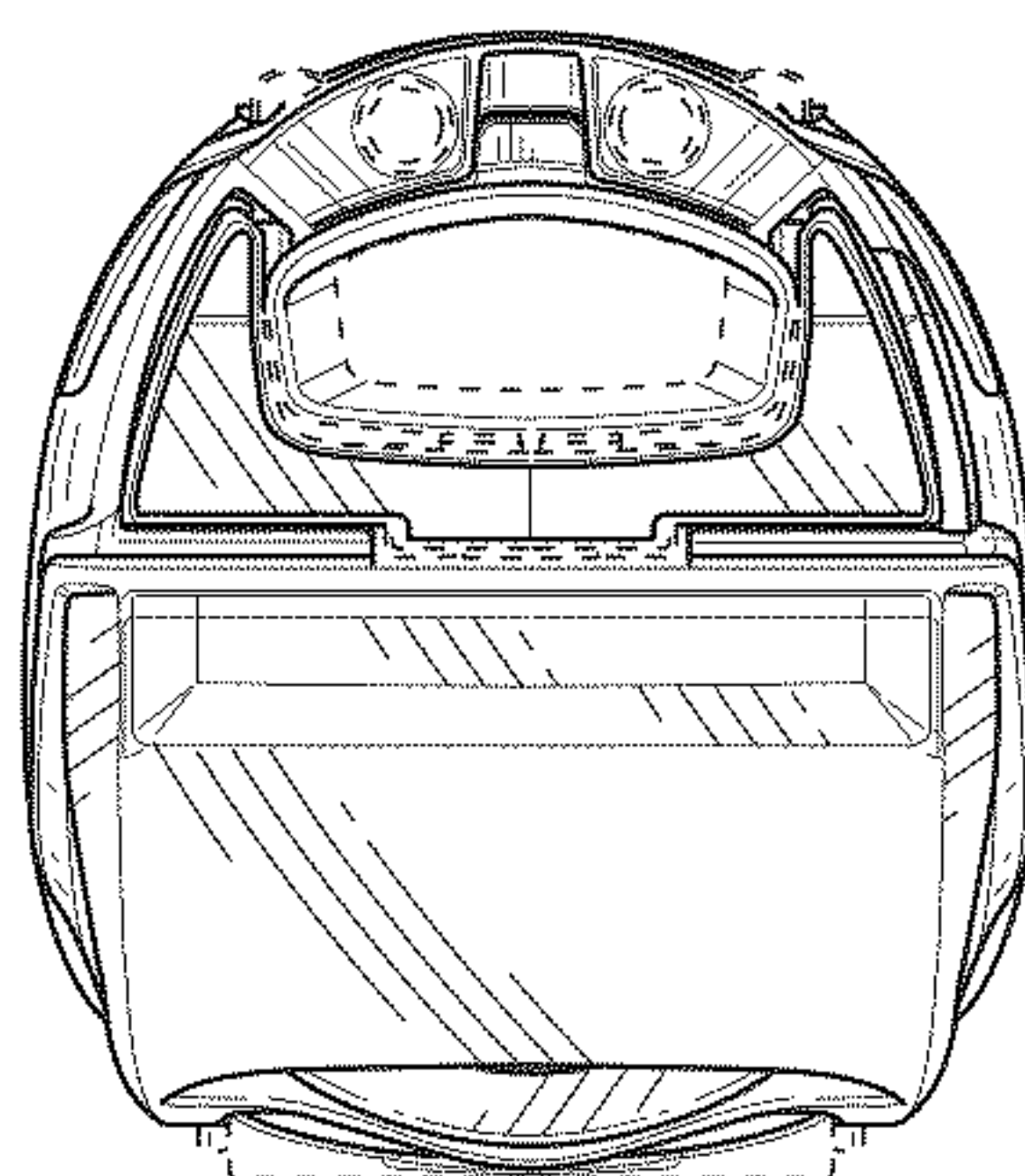


FIG. 28