



US00D977770S

(12) **United States Design Patent**
Johnson

(10) **Patent No.:** **US D977,770 S**

(45) **Date of Patent:** **** Feb. 7, 2023**

(54) **HAND VACUUM**

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

(21) Appl. No.: **29/695,073**

(22) Filed: **Jun. 14, 2019**

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

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

(58) **Field of Classification Search**
USPC D32/17, 18, 22, 31; D21/526
(Continued)

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Assistant Examiner — Jennylou M Binas

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Perreault & Pflieger, PLLC

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a rear, top right perspective view of a hand vacuum, showing the new design;

FIG. 2 is a rear, top left perspective view thereof;

FIG. 3 is a rear, bottom left perspective view thereof;

FIG. 4 is a rear, bottom right perspective view thereof;

FIG. 5 is a front, top right perspective view thereof;

FIG. 6 is a front, top left perspective view thereof;

FIG. 7 is a front, bottom left perspective view thereof;

FIG. 8 is a front, bottom right perspective view thereof;

FIG. 9 is a top view thereof;

FIG. 10 is a bottom view thereof;

FIG. 11 is a right view thereof;

FIG. 12 is a left view thereof;

FIG. 13 is a rear view thereof; and

FIG. 14 is a front view thereof;

FIG. 15 is a rear, top right perspective view of another hand vacuum, showing the new design;

FIG. 16 is a rear, top left perspective view thereof;

FIG. 17 is a rear, bottom left perspective view thereof;

FIG. 18 is a rear, bottom right perspective view thereof;

FIG. 19 is a front, top right perspective view thereof;

FIG. 20 is a front, top left perspective view thereof;

FIG. 21 is a front, bottom left perspective view thereof;

FIG. 22 is a front, bottom right perspective view thereof;

FIG. 23 is a top view thereof;

FIG. 24 is a bottom view thereof;

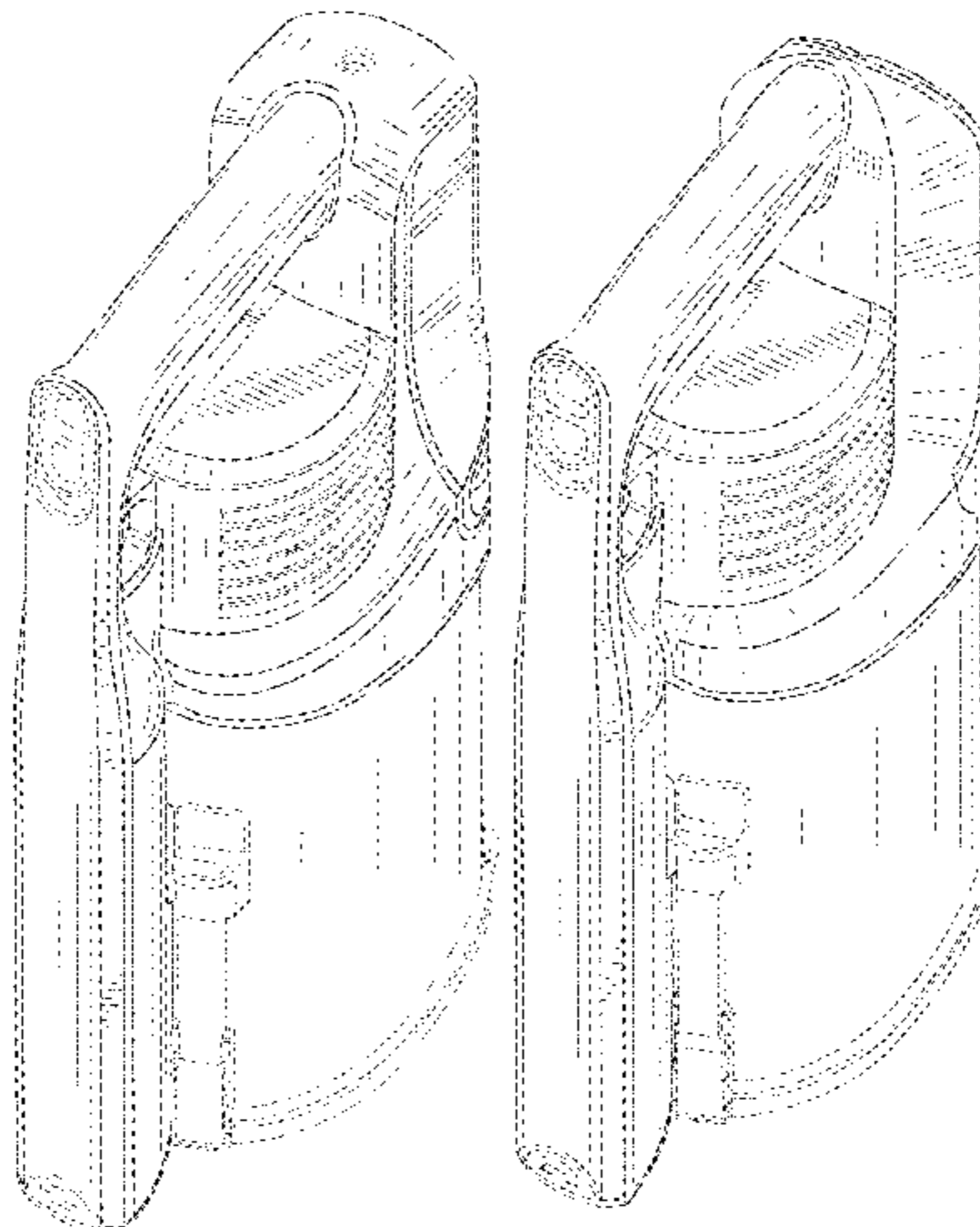
FIG. 25 is a right view thereof;

FIG. 26 is a left view thereof;

FIG. 27 is a right view thereof; and,

FIG. 28 is a left view thereof.

(Continued)



The broken lines in the figures show portions of the hand vacuum that form no part of the claimed design.

1 Claim, 28 Drawing Sheets

(58) Field of Classification Search

CPC A47L 5/24; A47L 5/28; 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.

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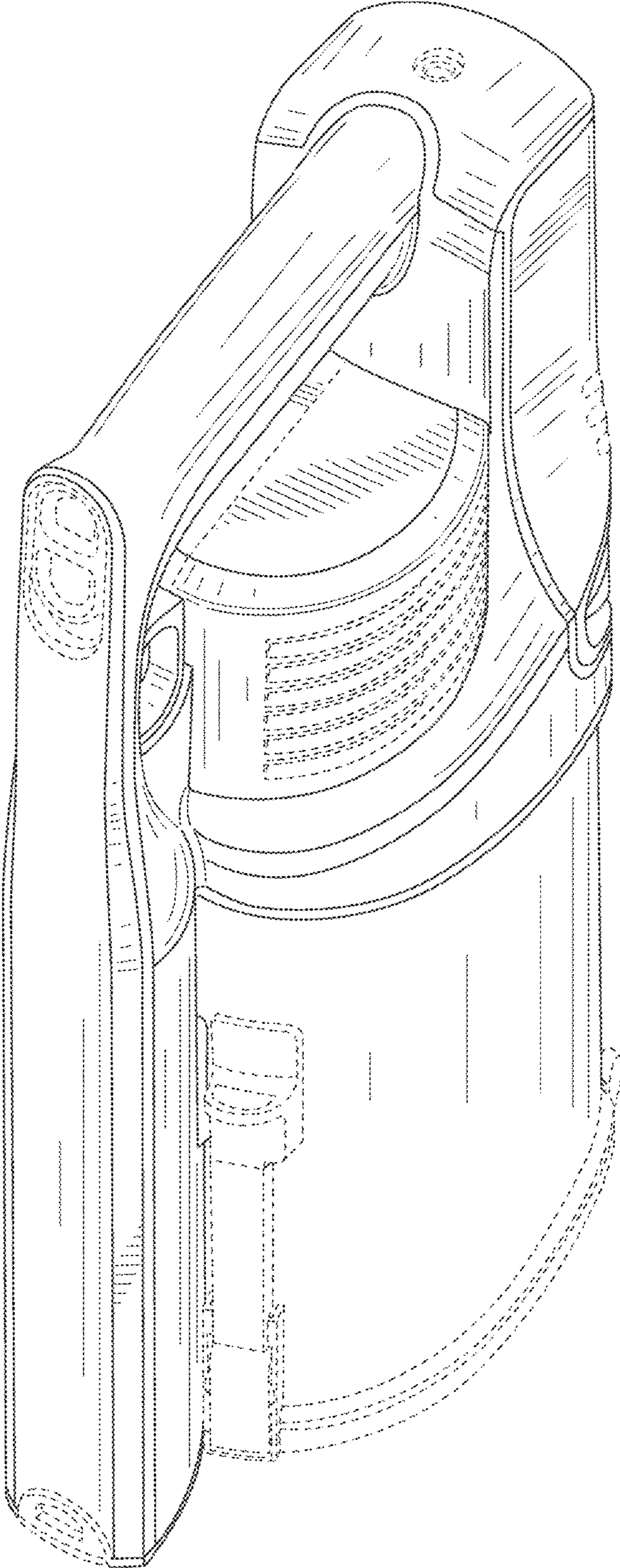


FIG. 1

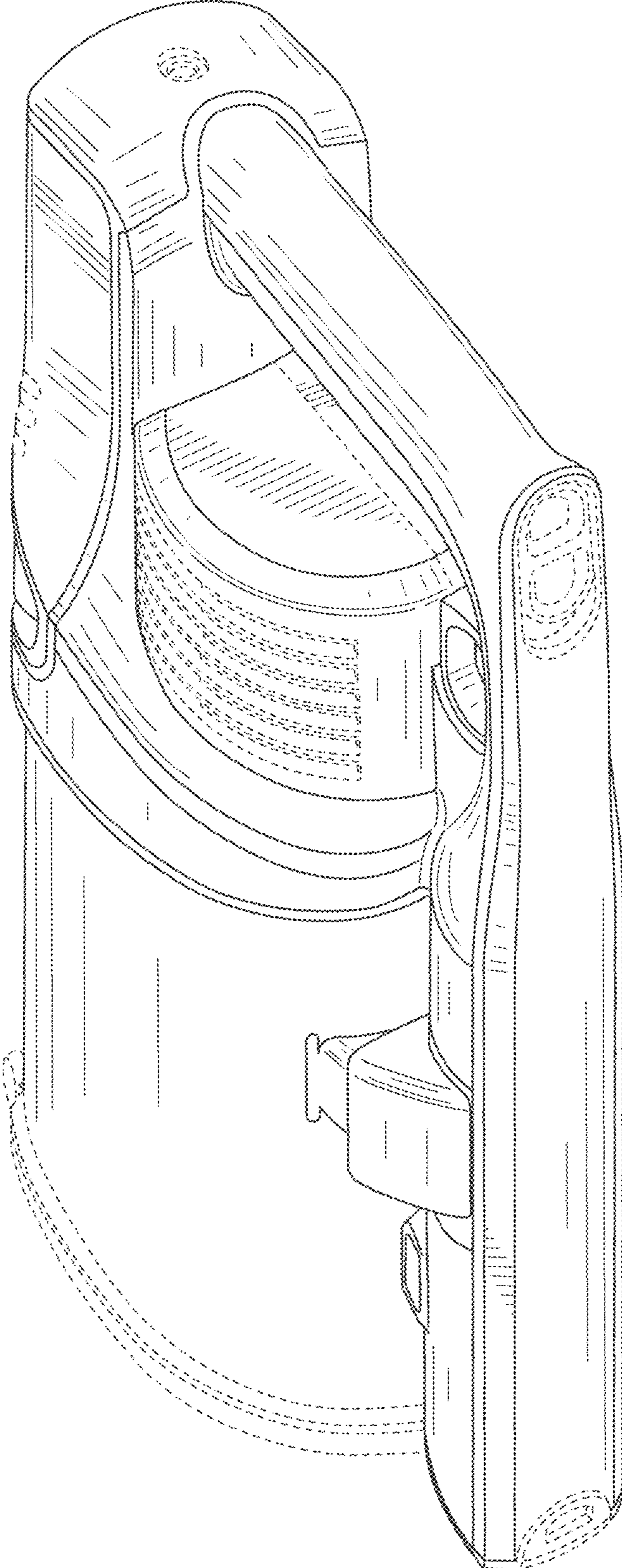


FIG. 2

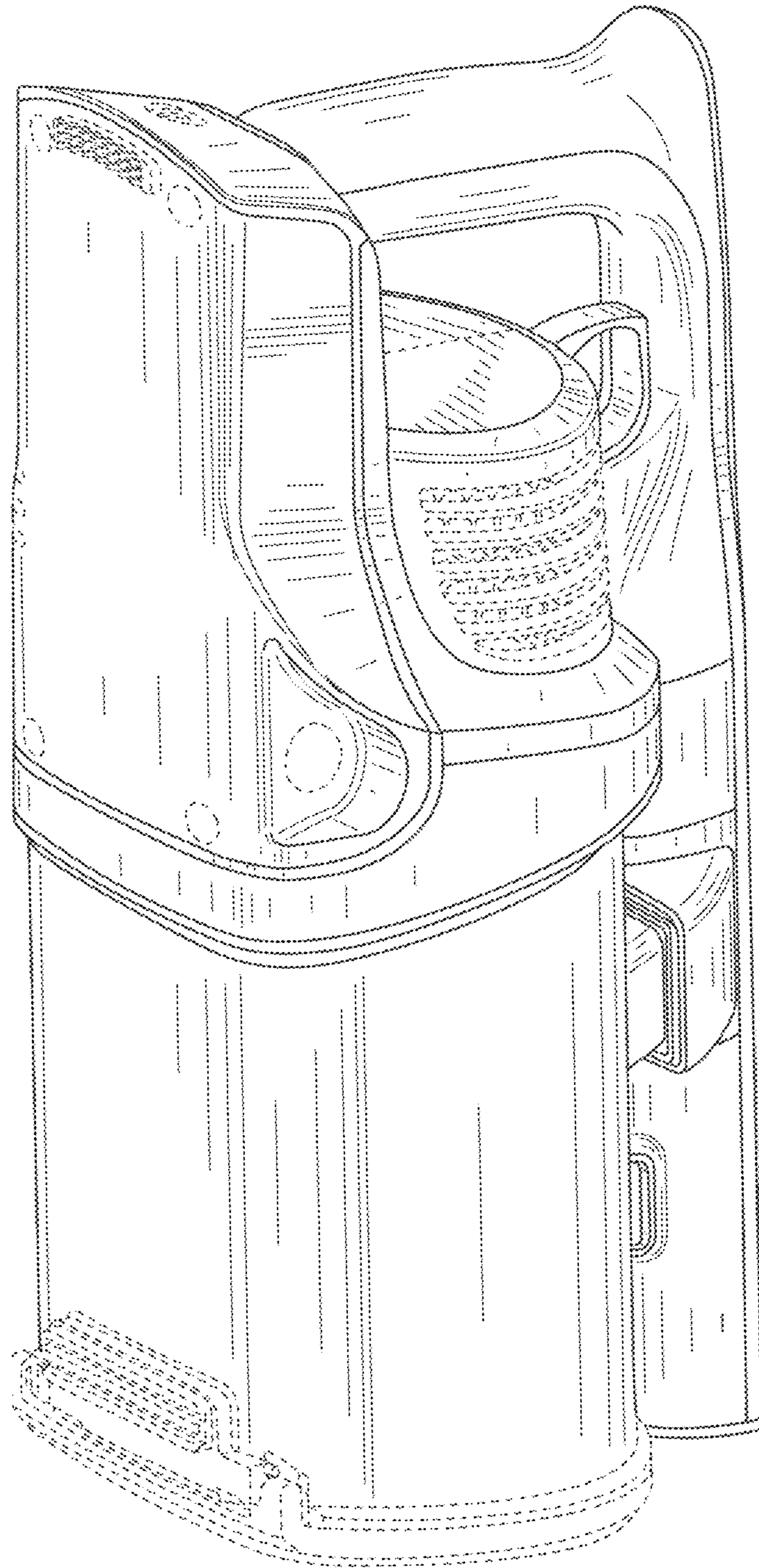


FIG. 3

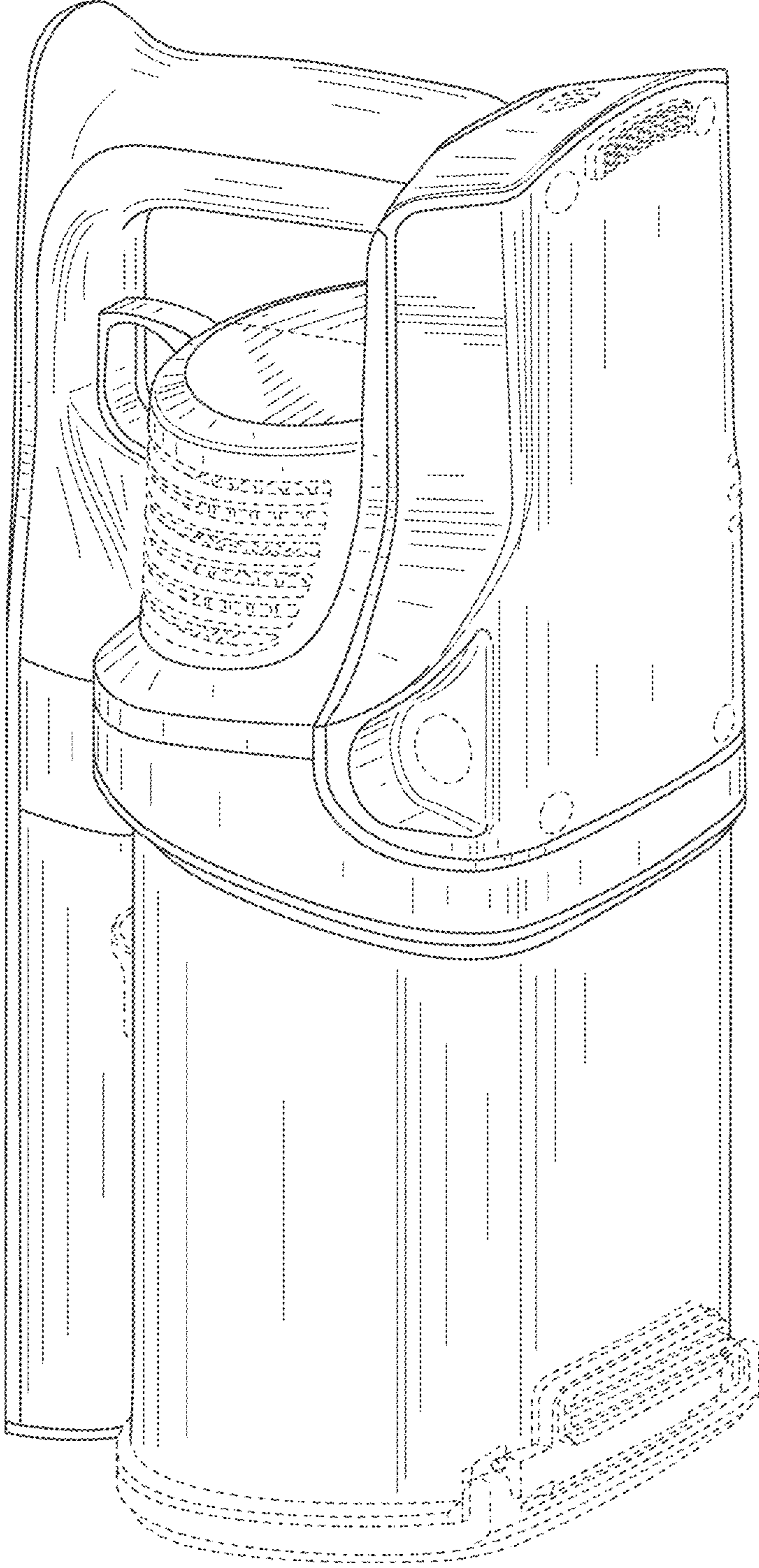


FIG. 4

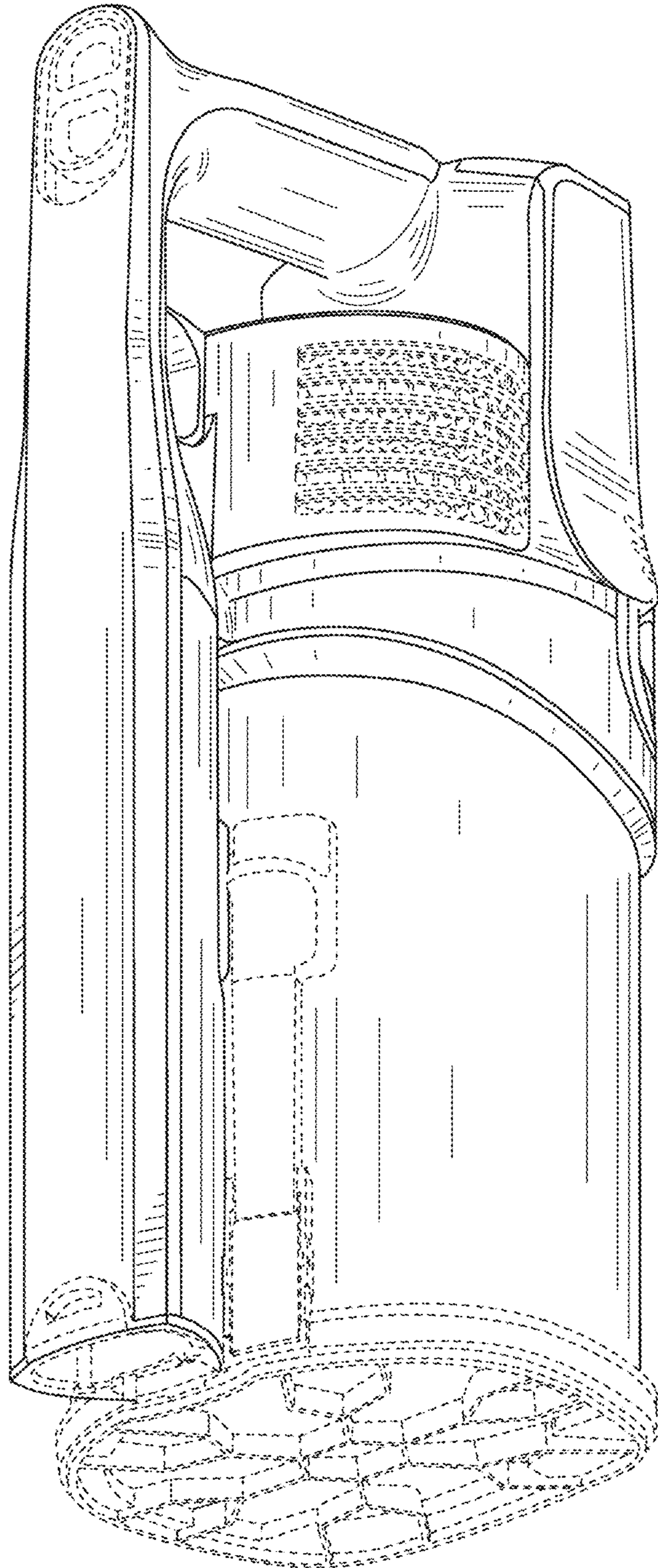


FIG. 5

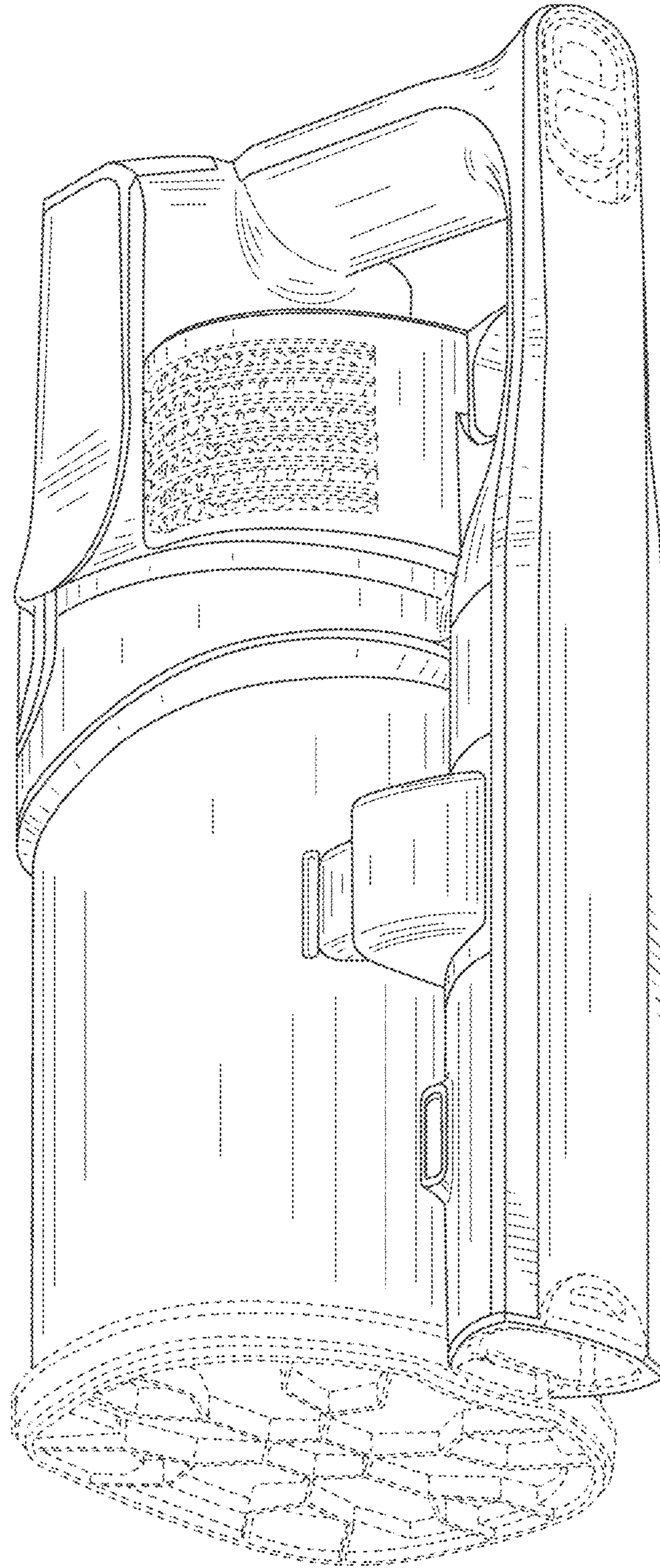


FIG. 6

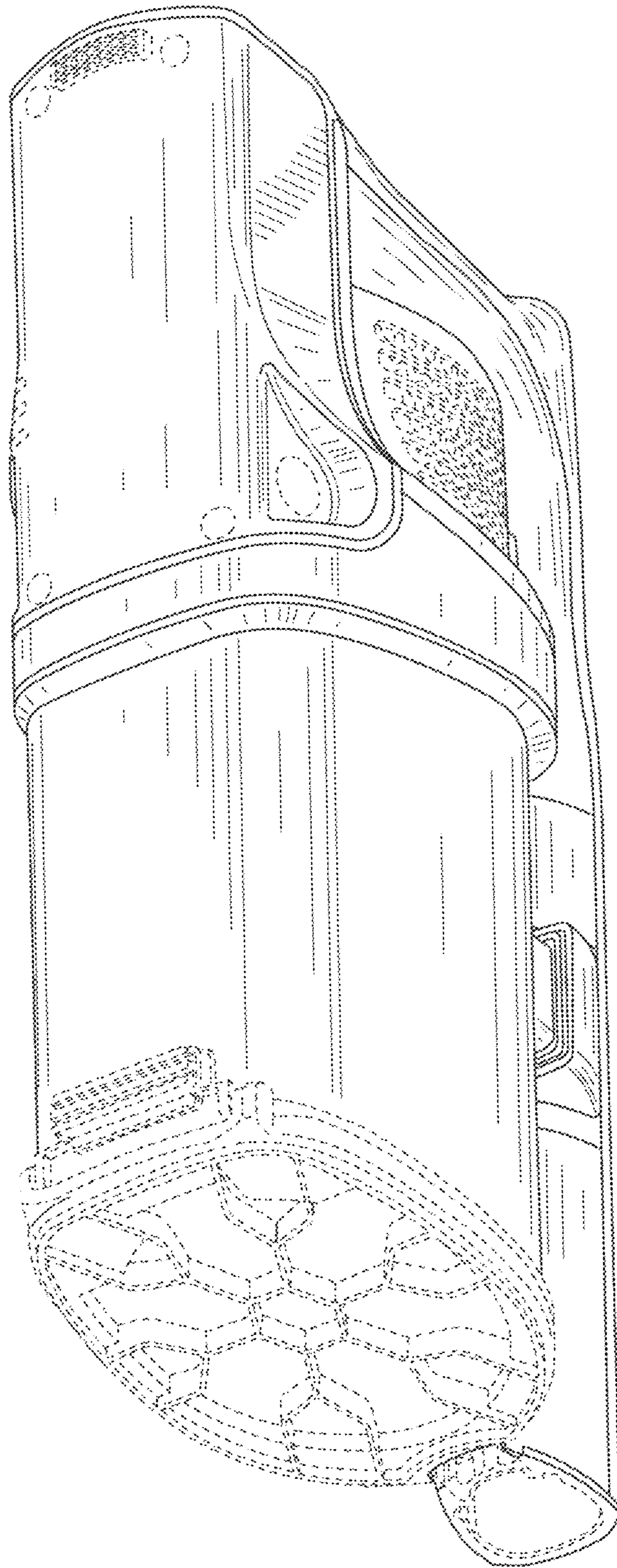


FIG. 7

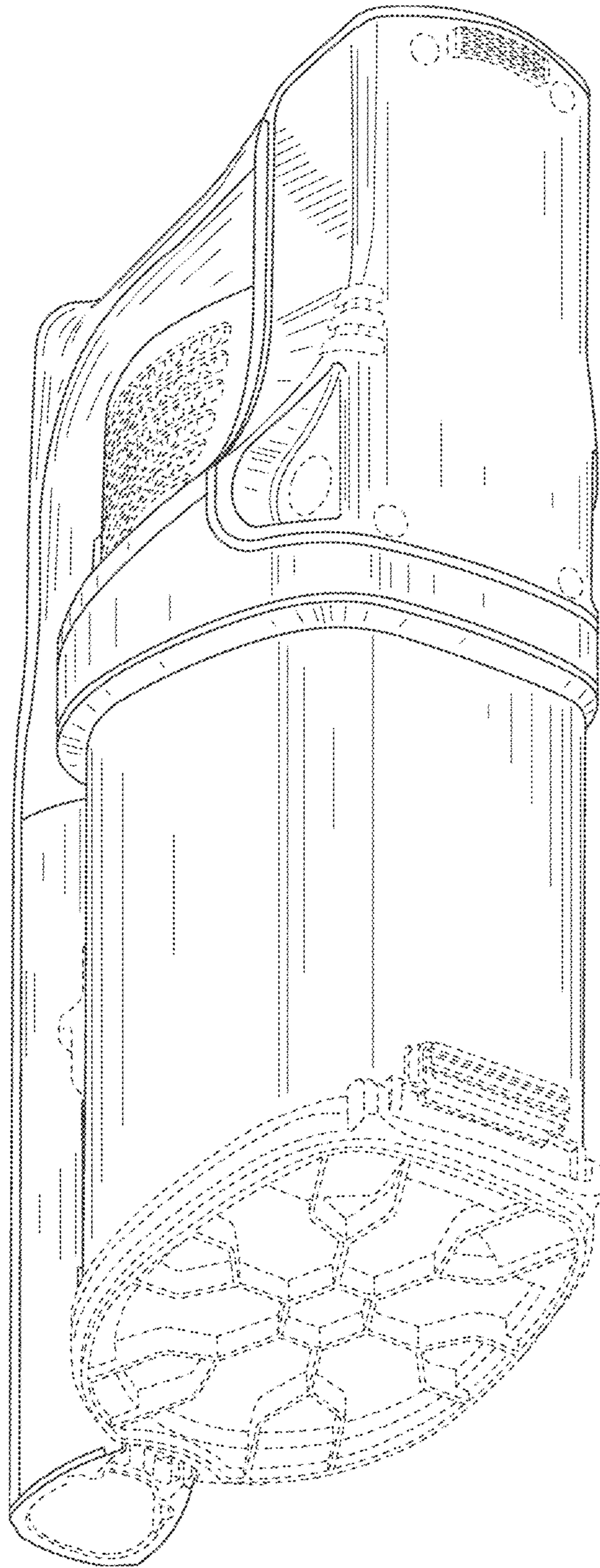


FIG. 8

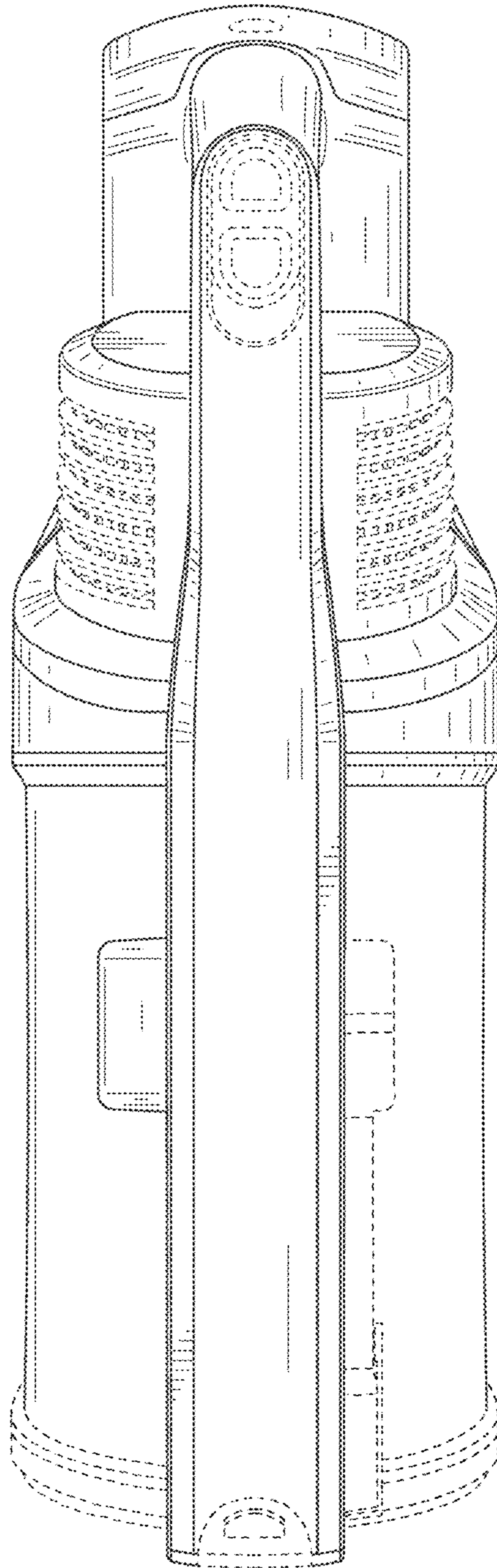


FIG. 9

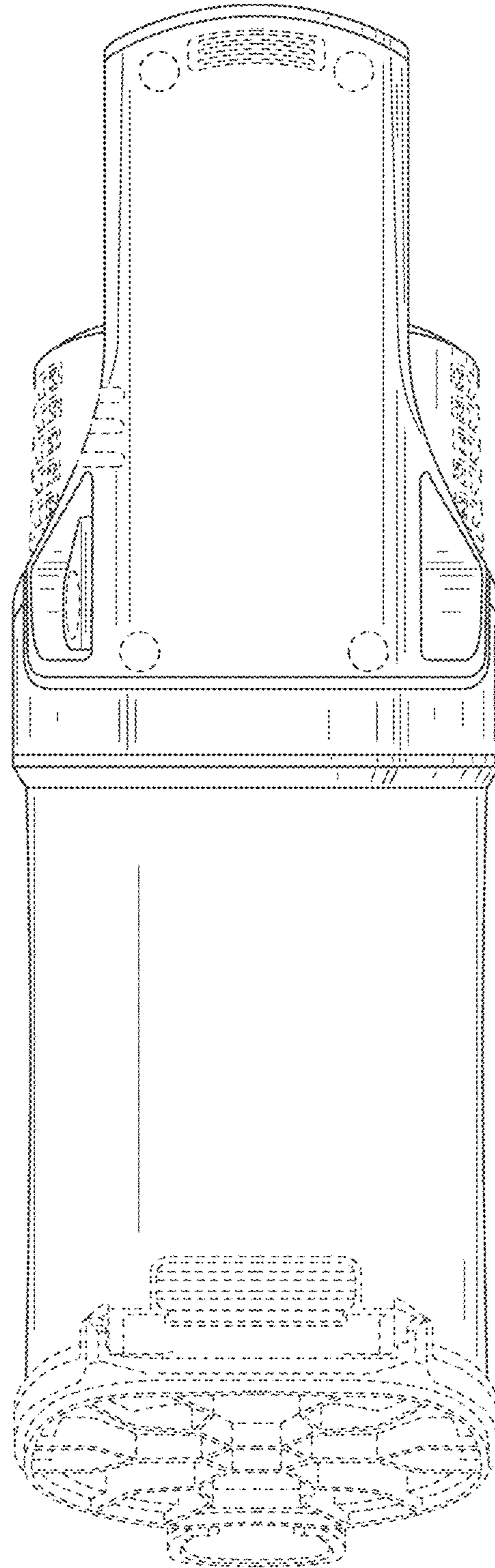


FIG. 10

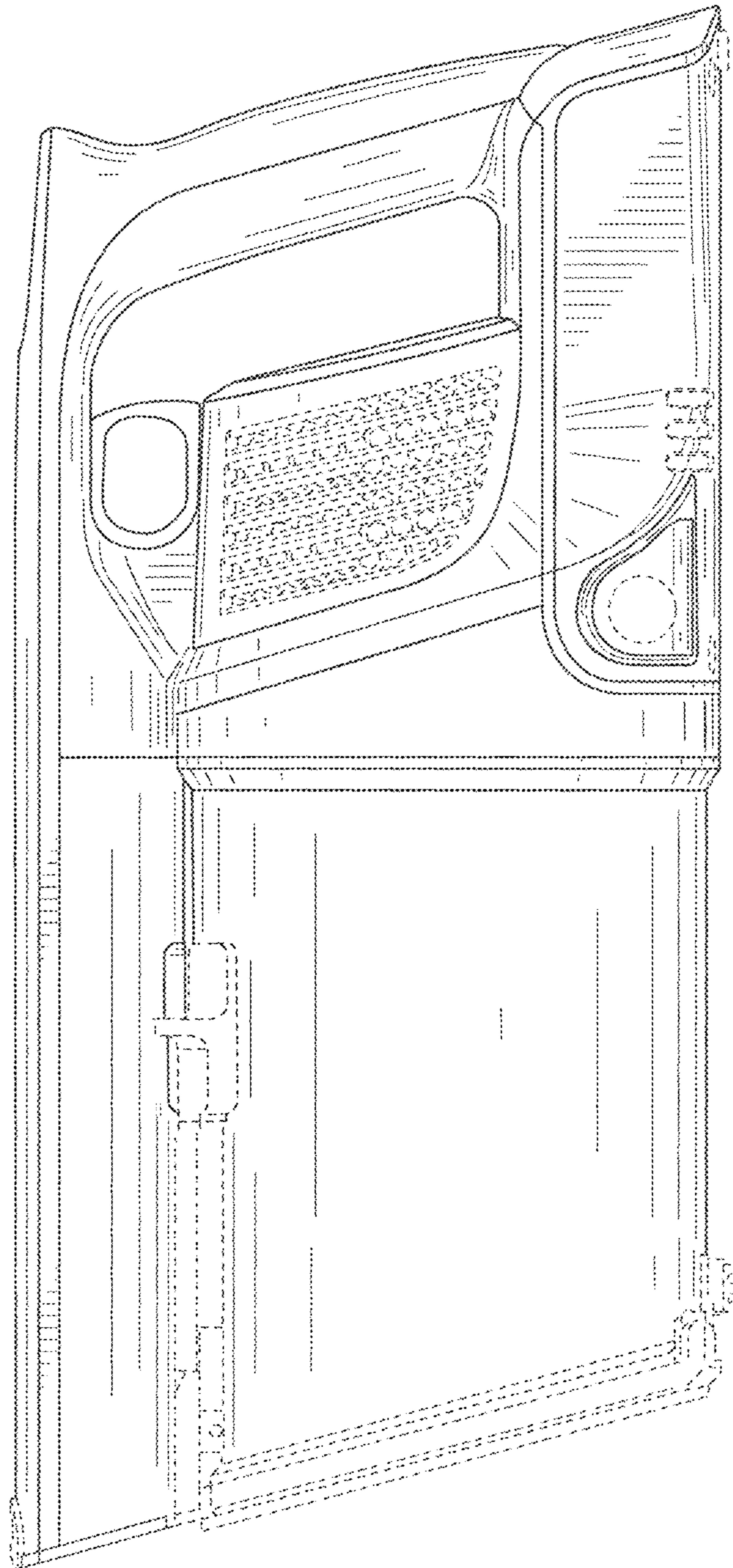


FIG. 11

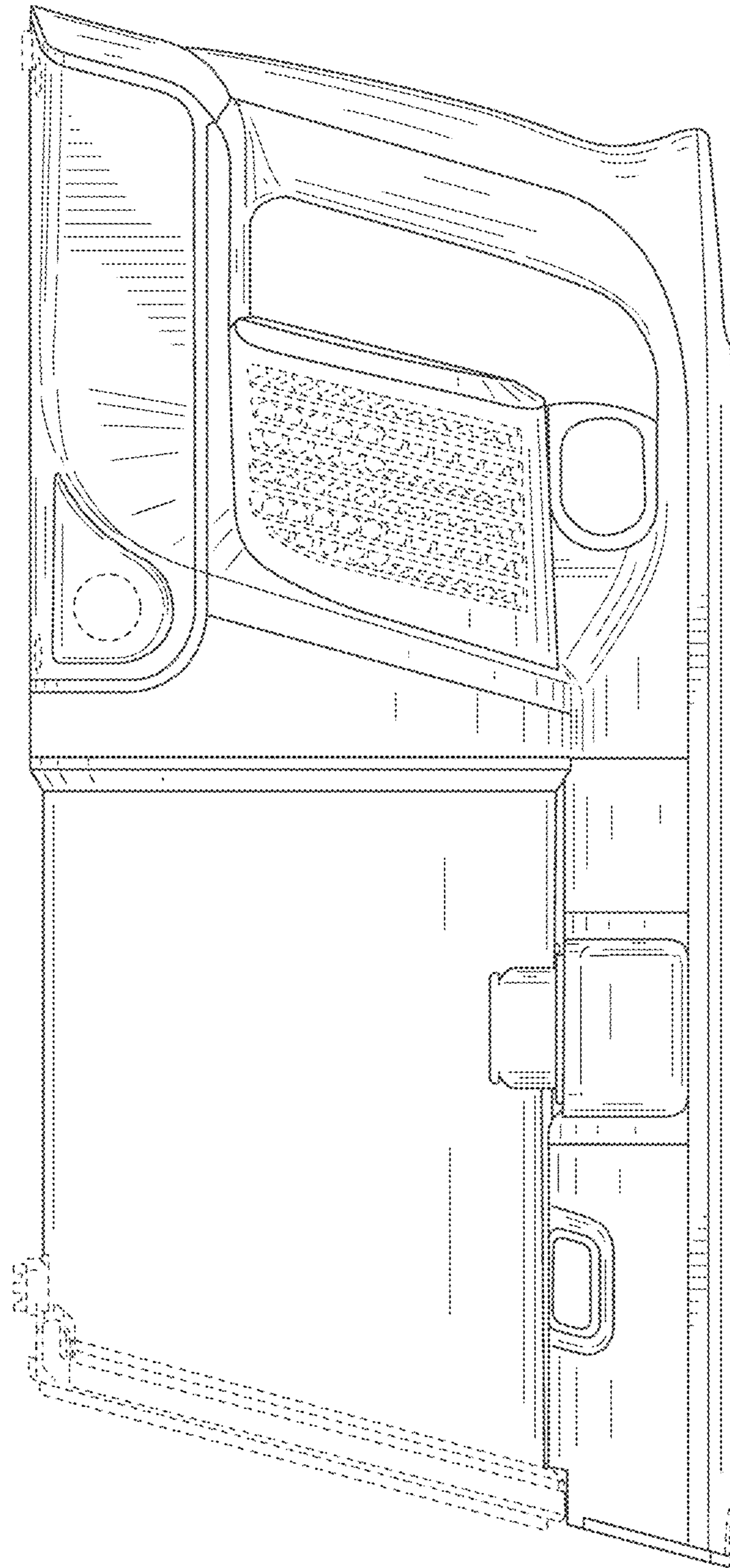


FIG. 12

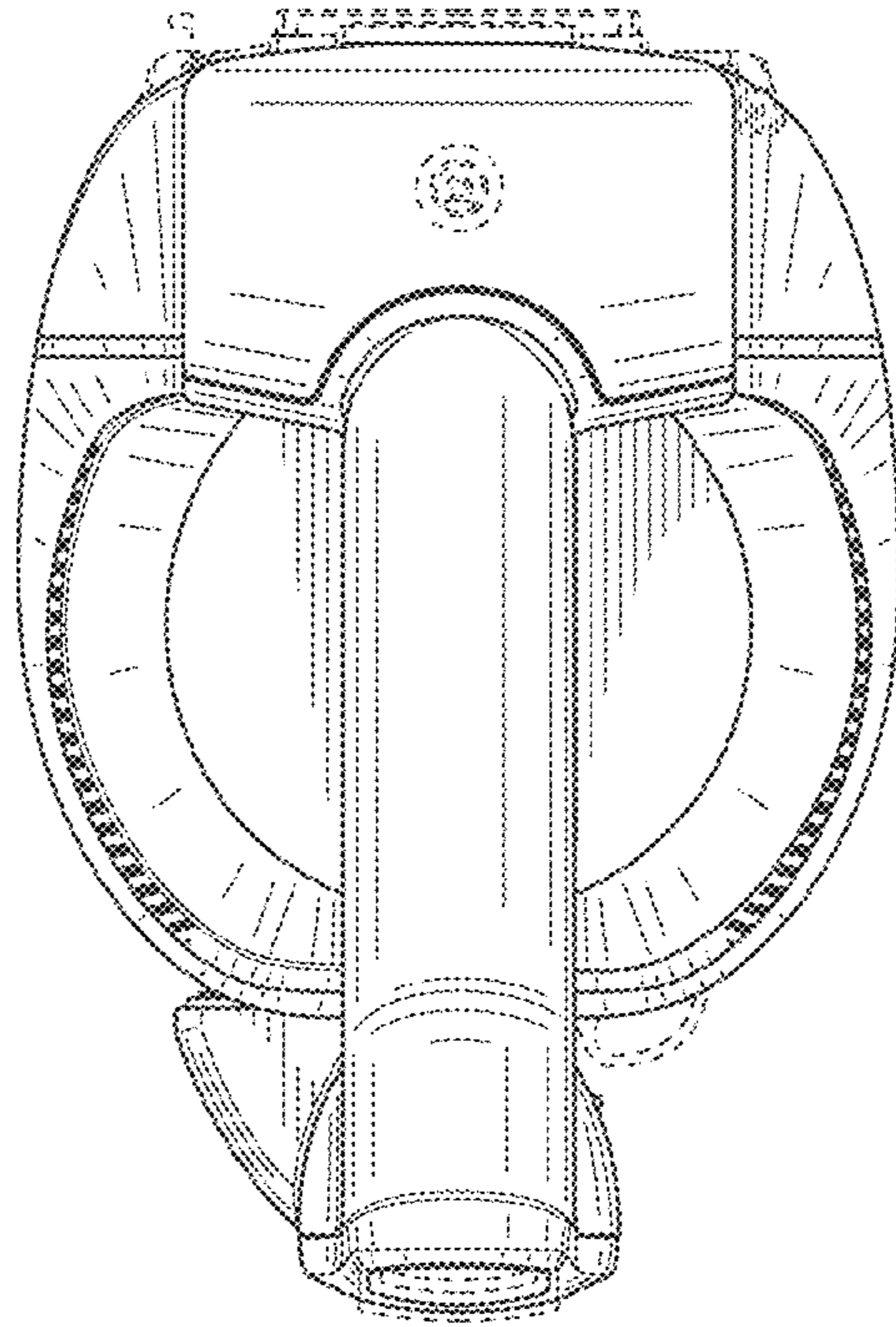


FIG. 13

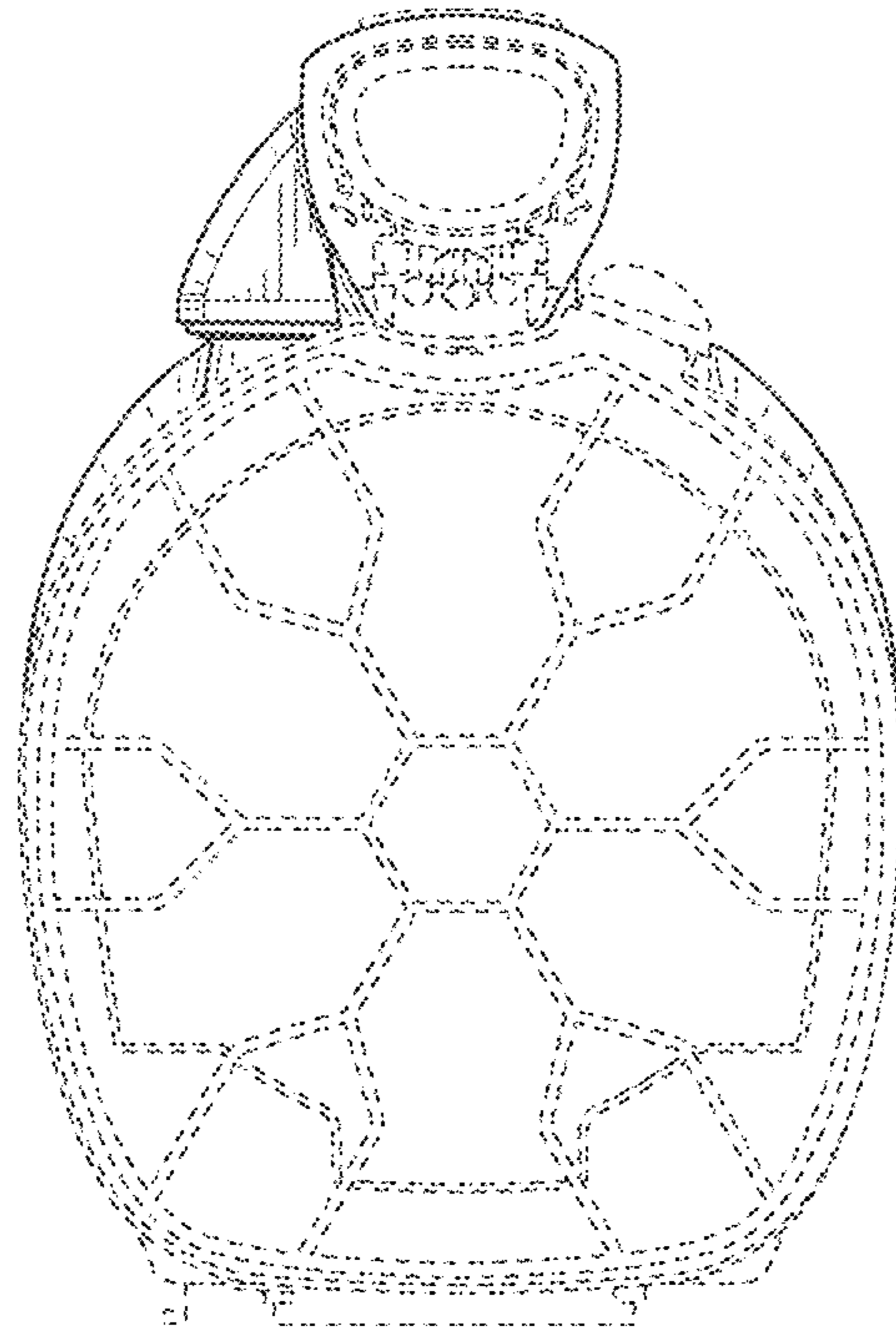


FIG. 14

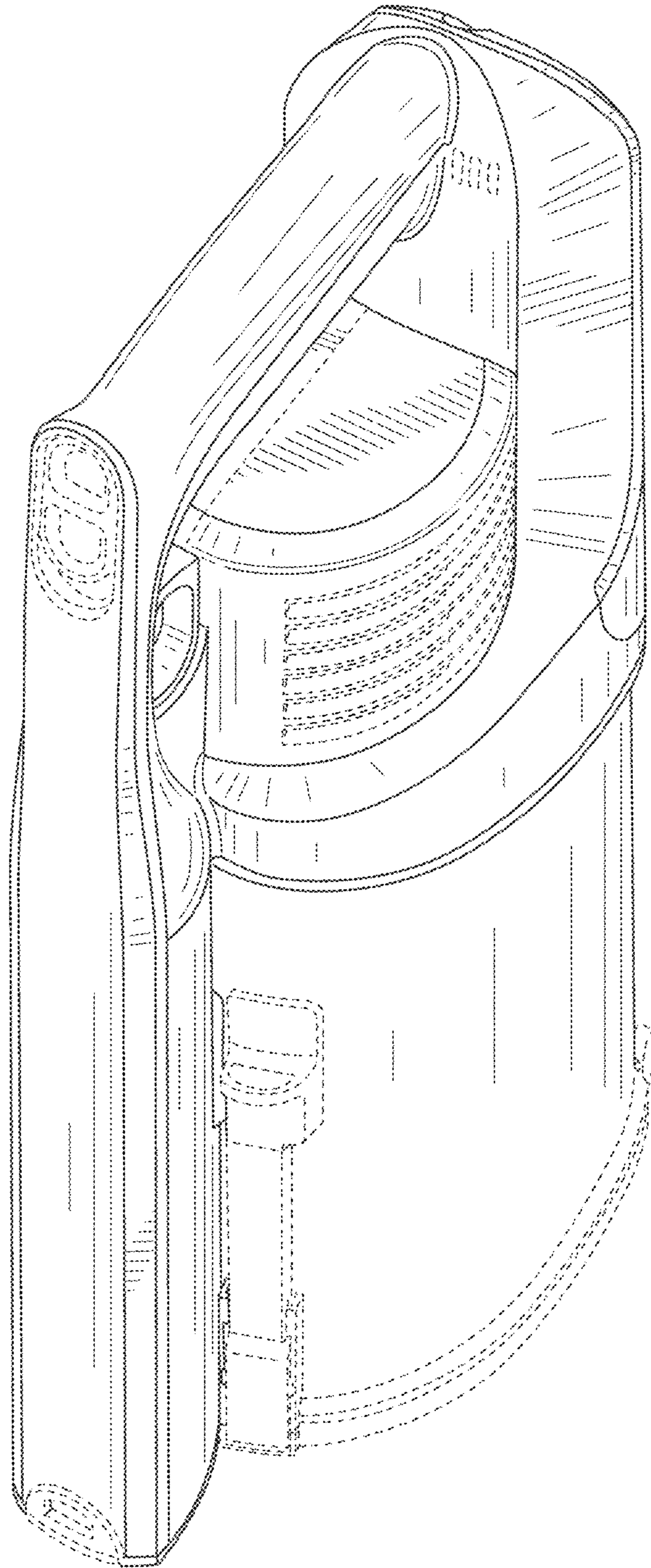


FIG. 15

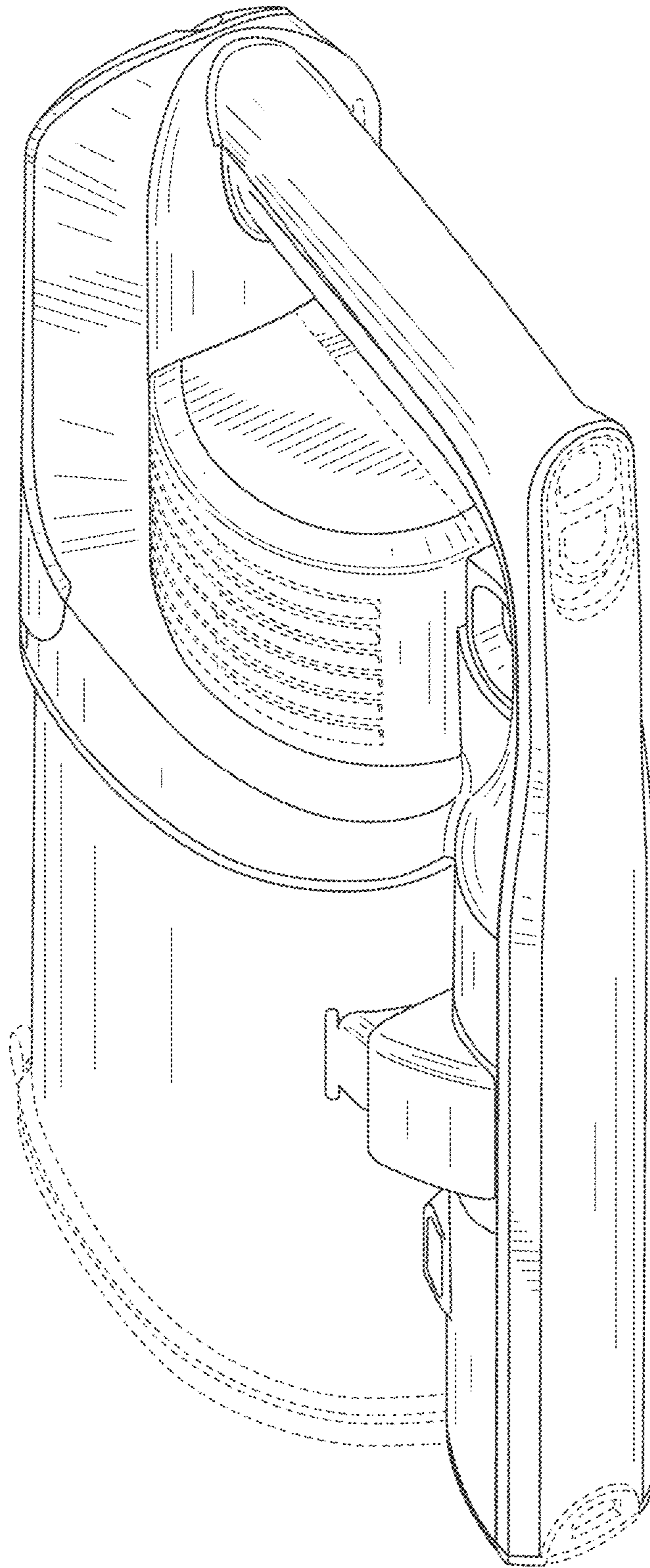


FIG. 16

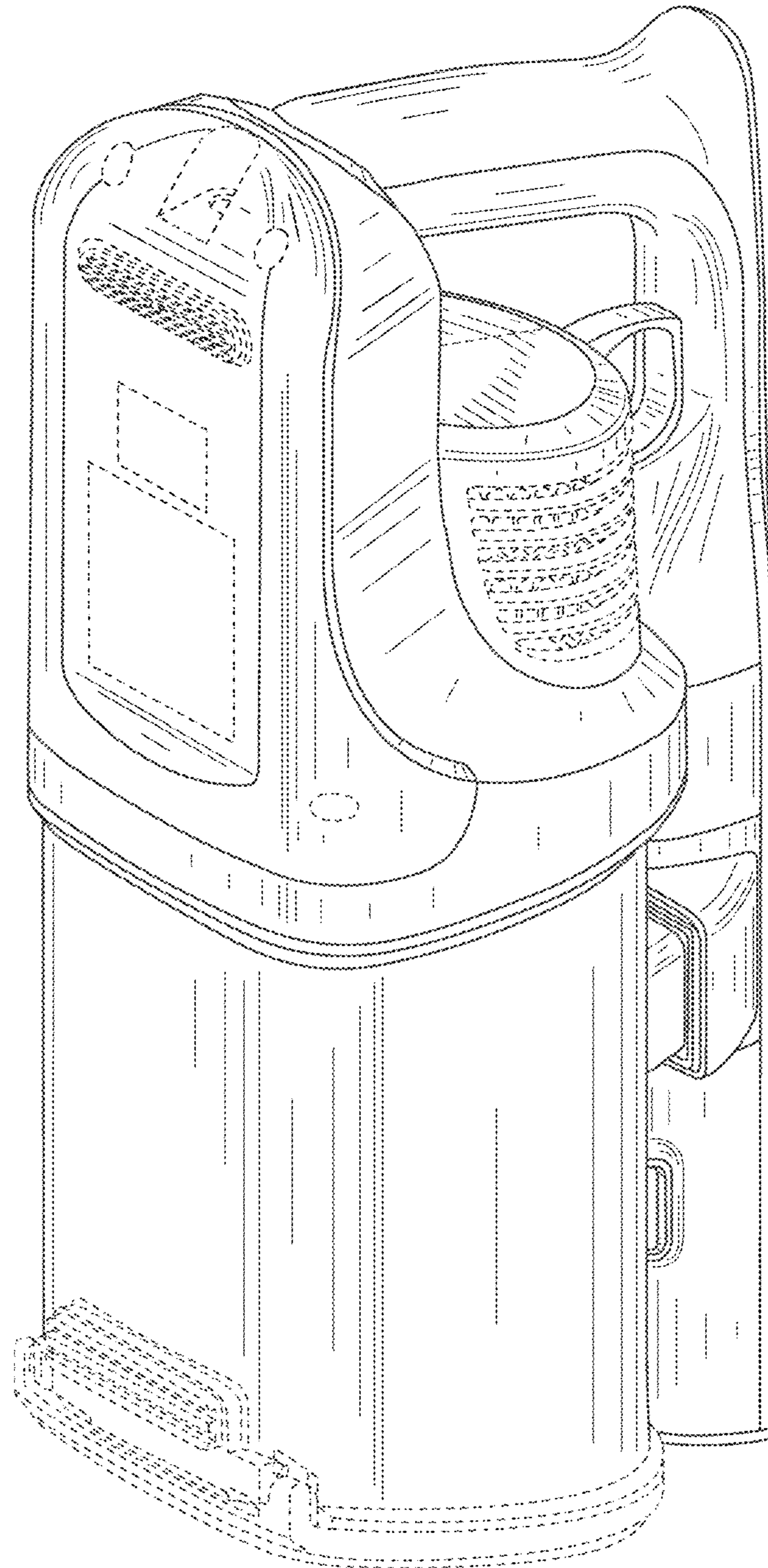


FIG. 17

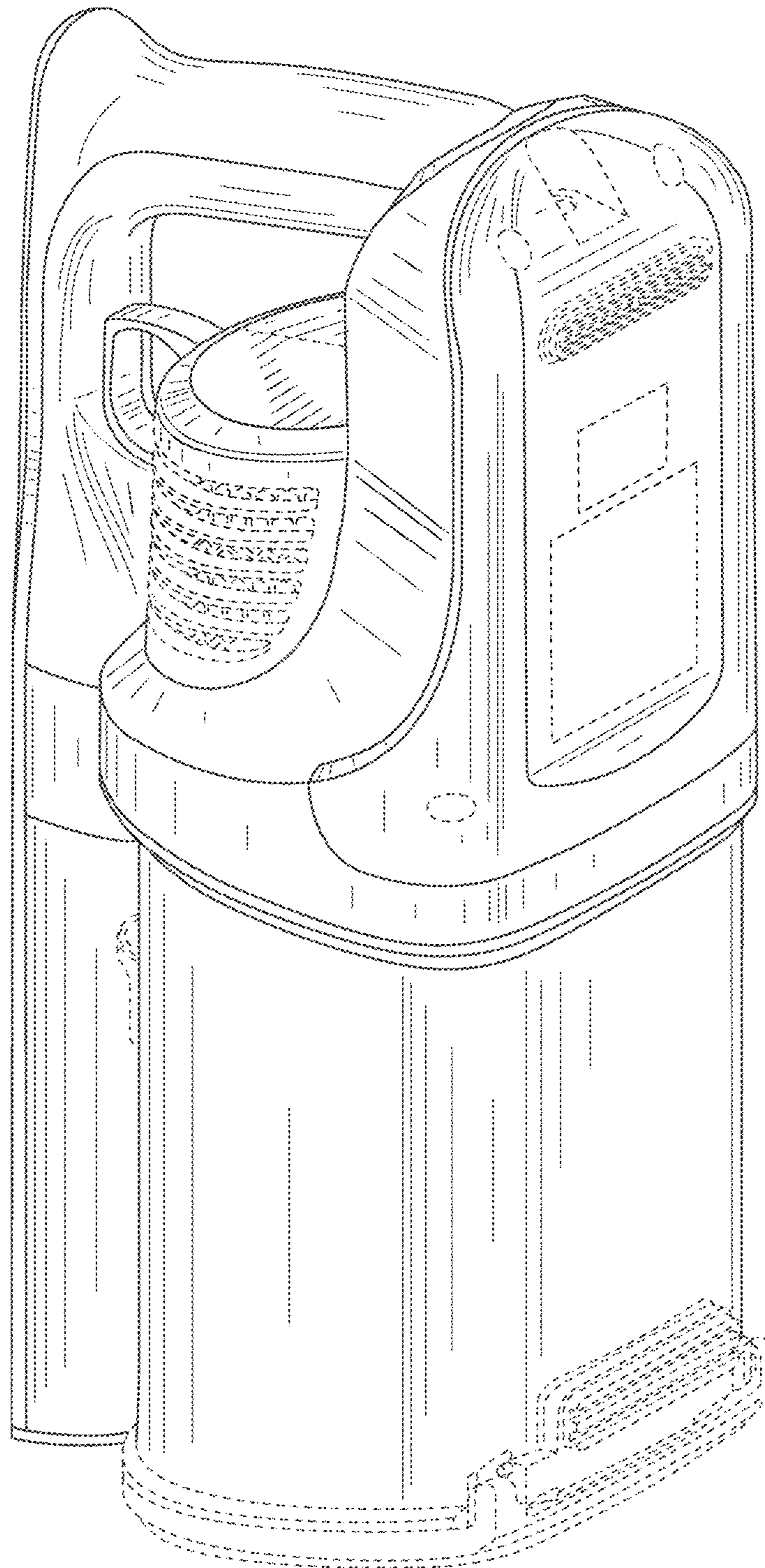


FIG. 18

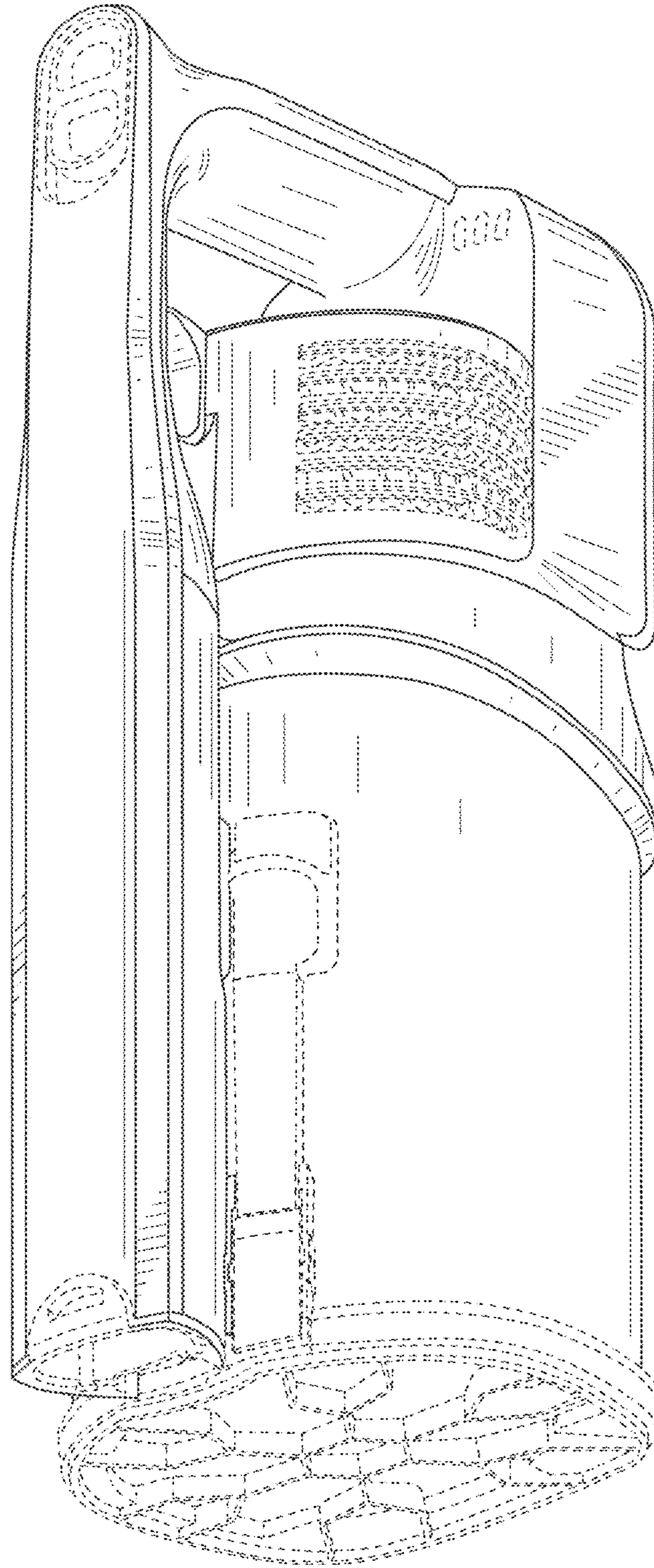


FIG. 19

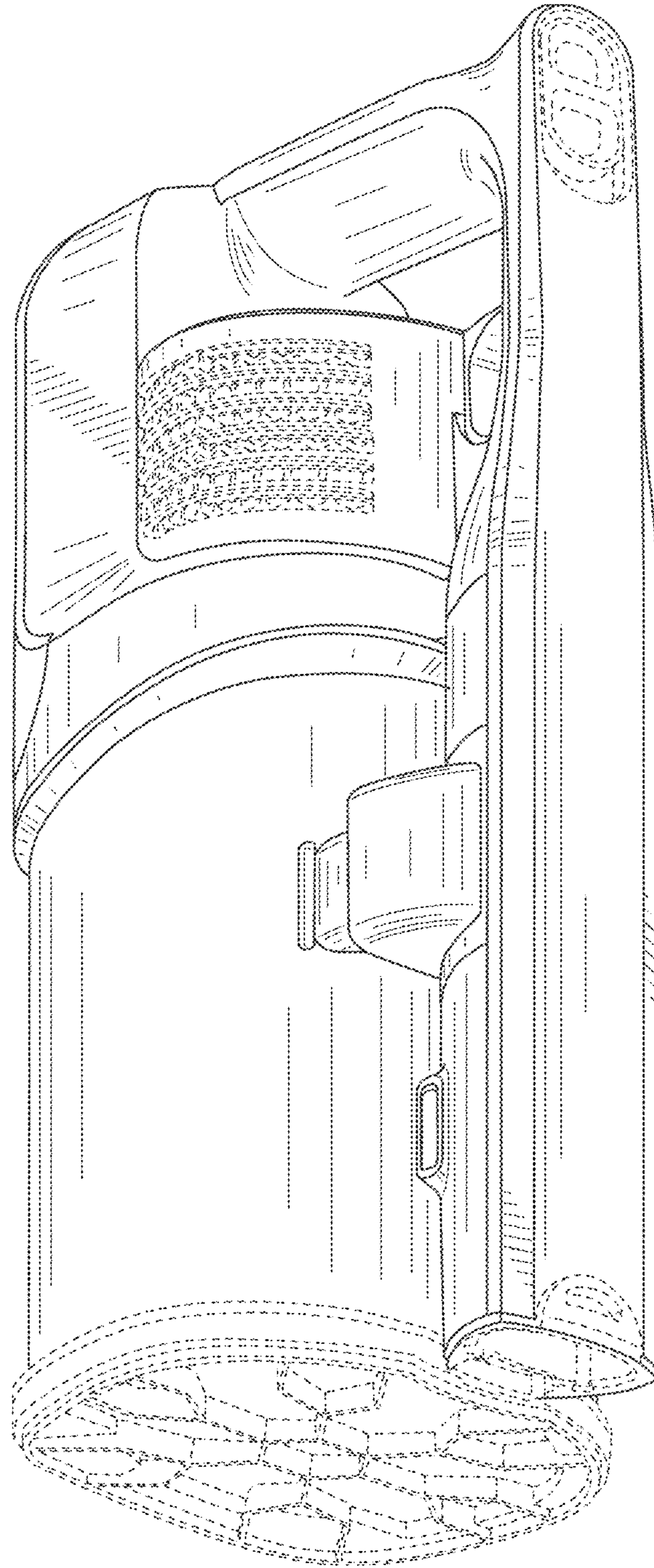


FIG. 20

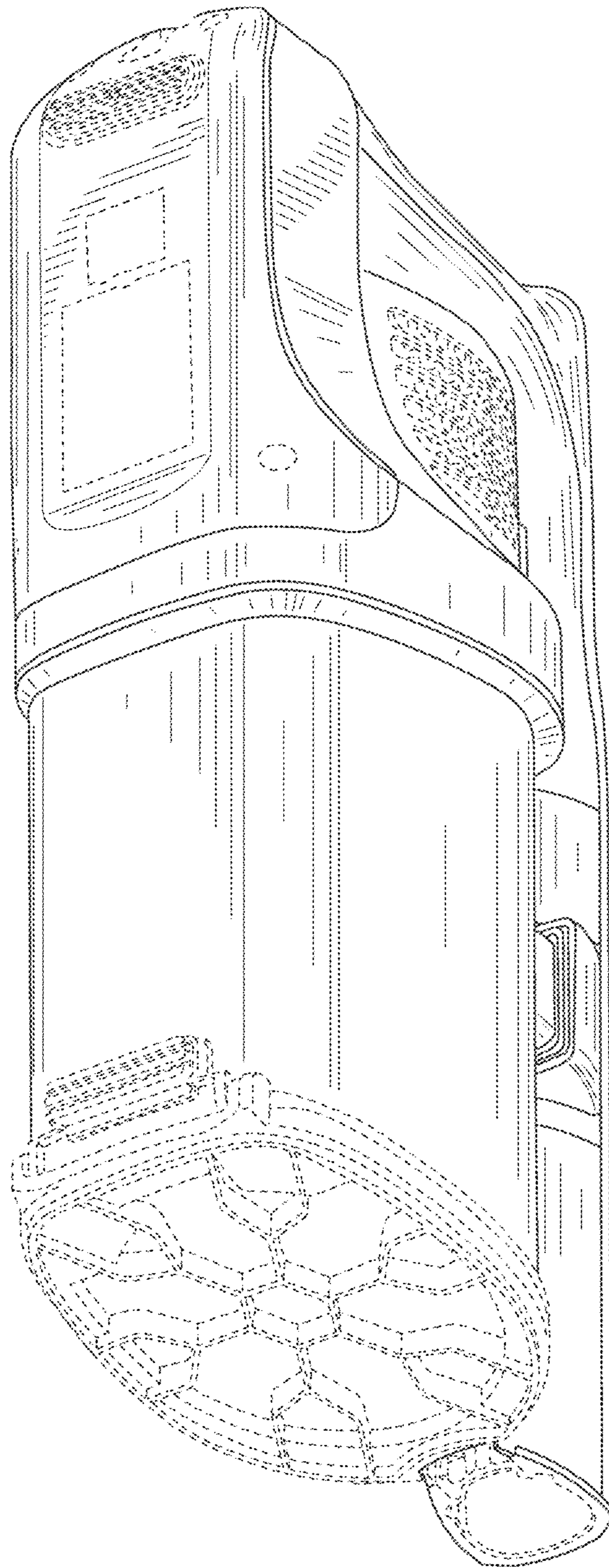


FIG. 21

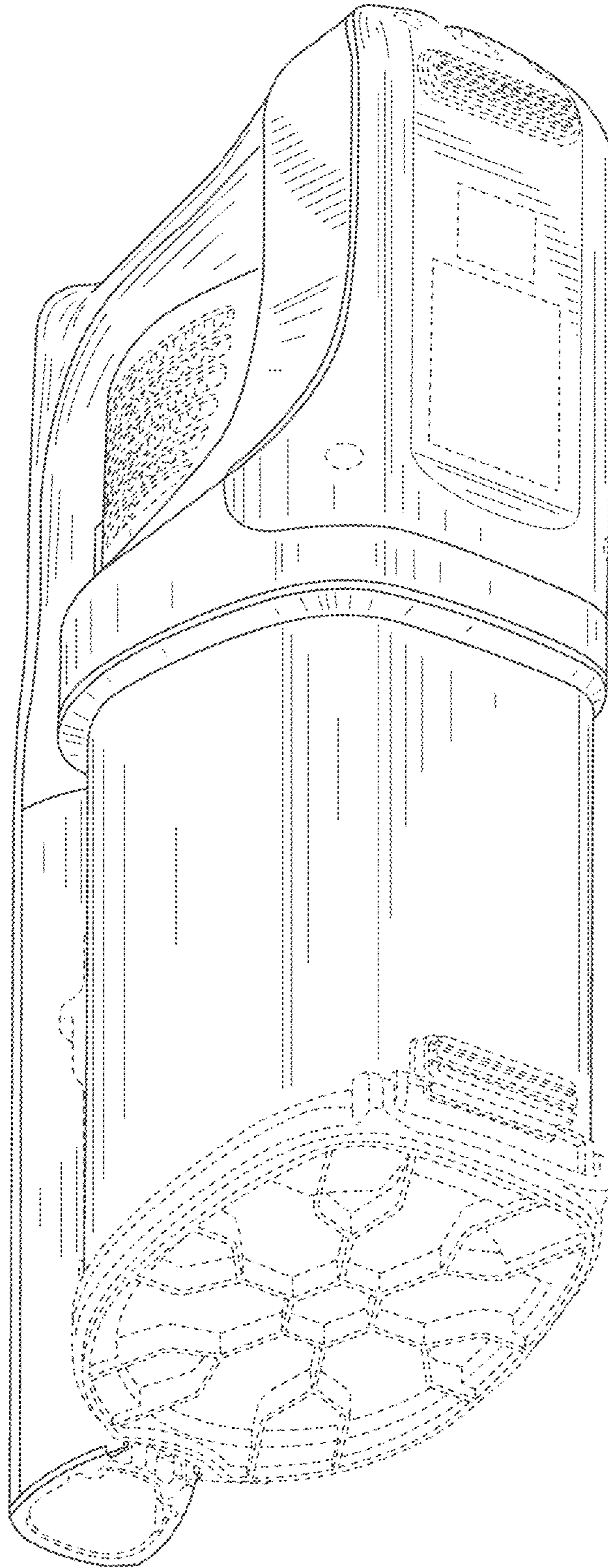


FIG. 22

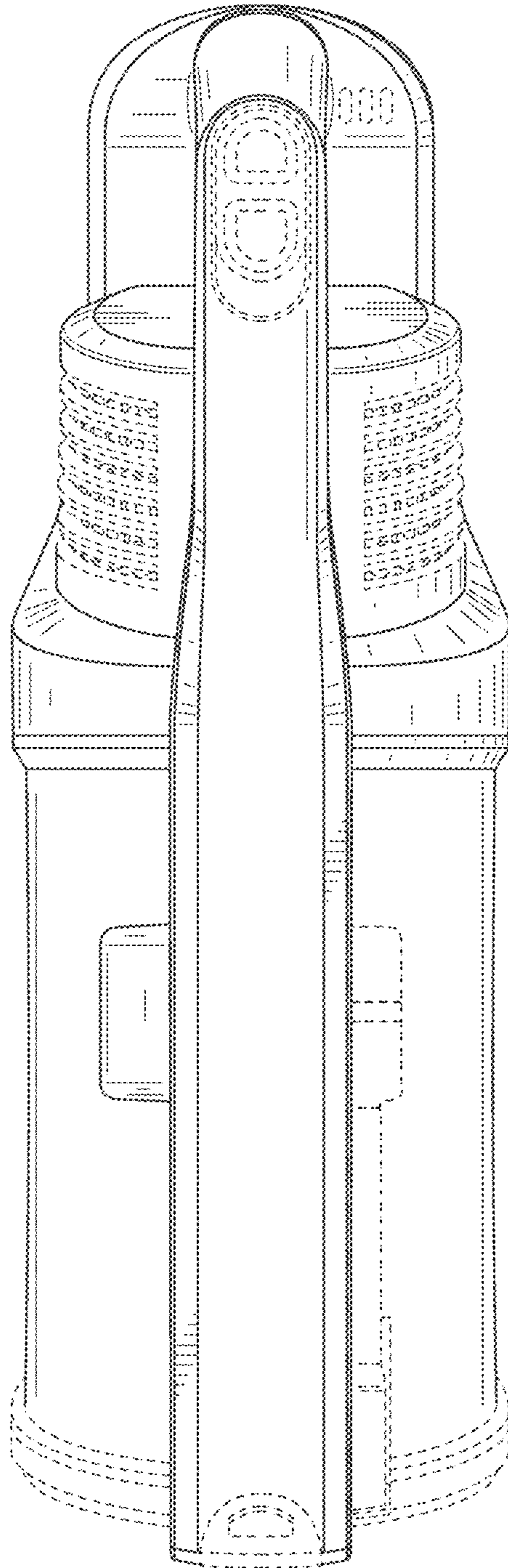


FIG. 23

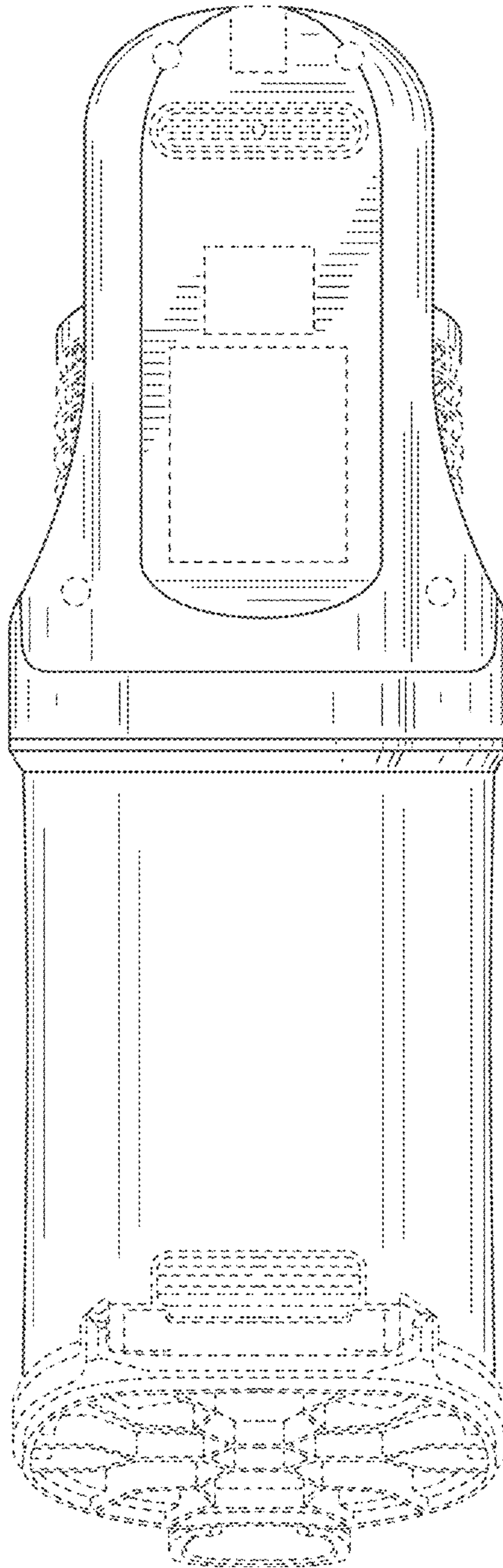


FIG. 24

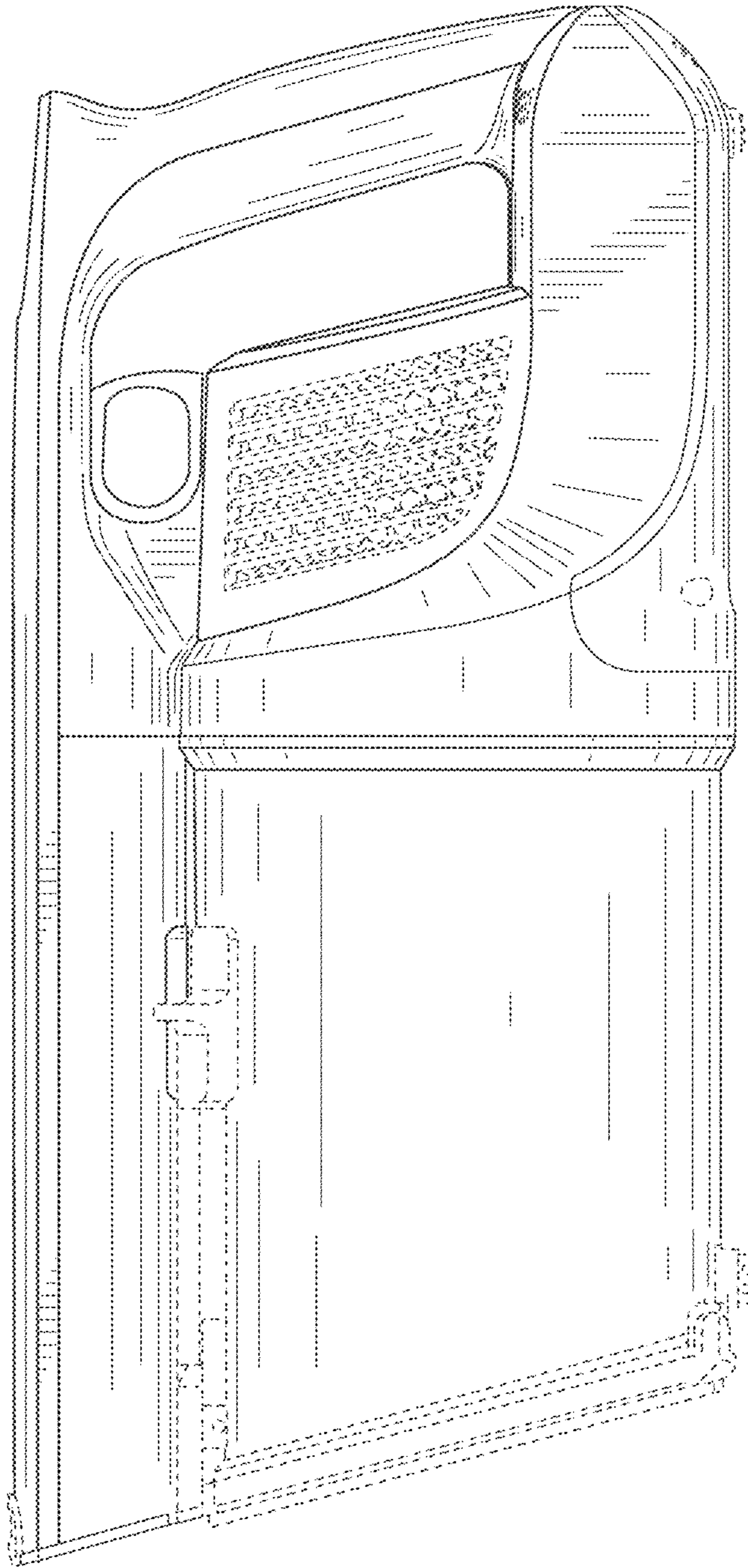


FIG. 25

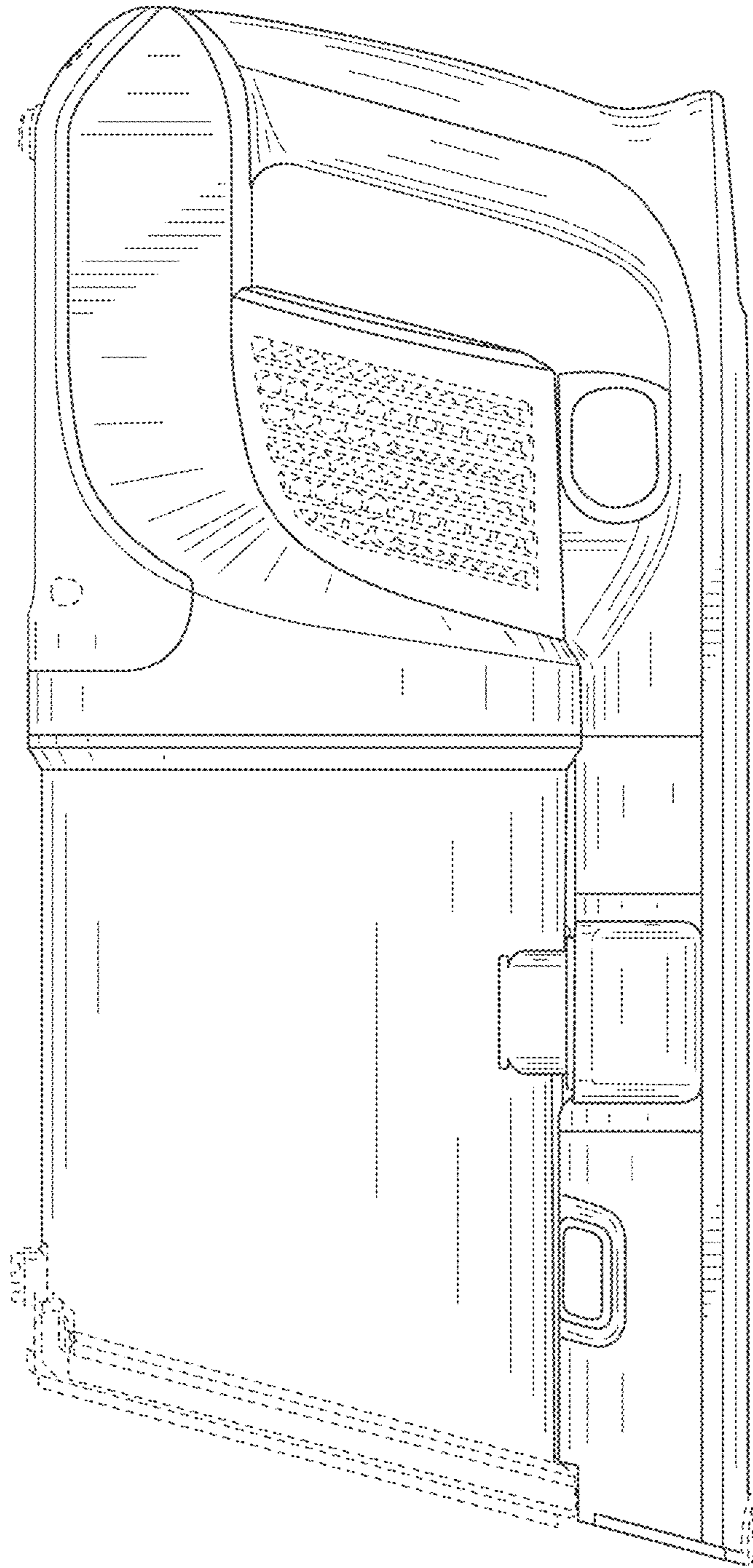


FIG. 26

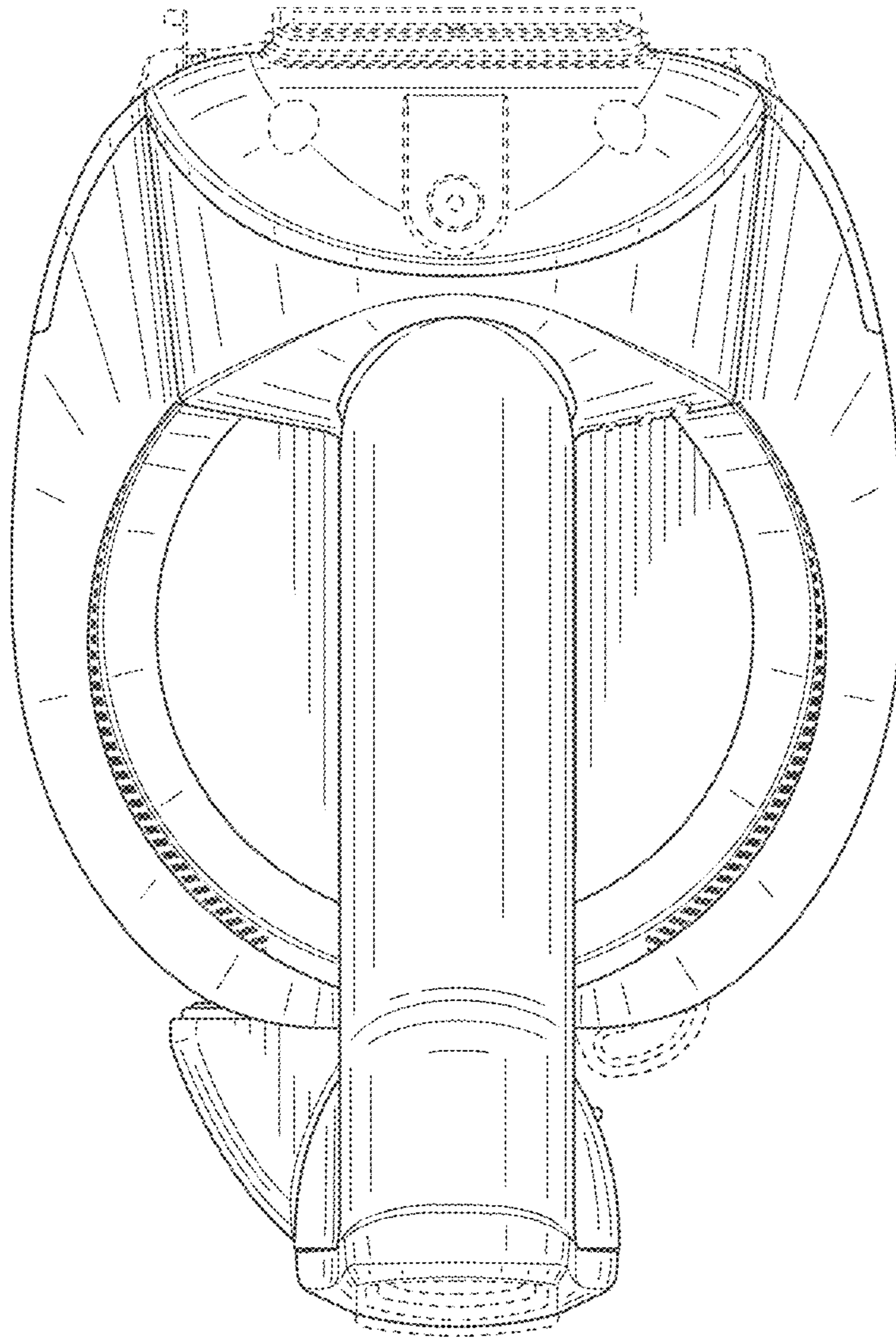


FIG. 27

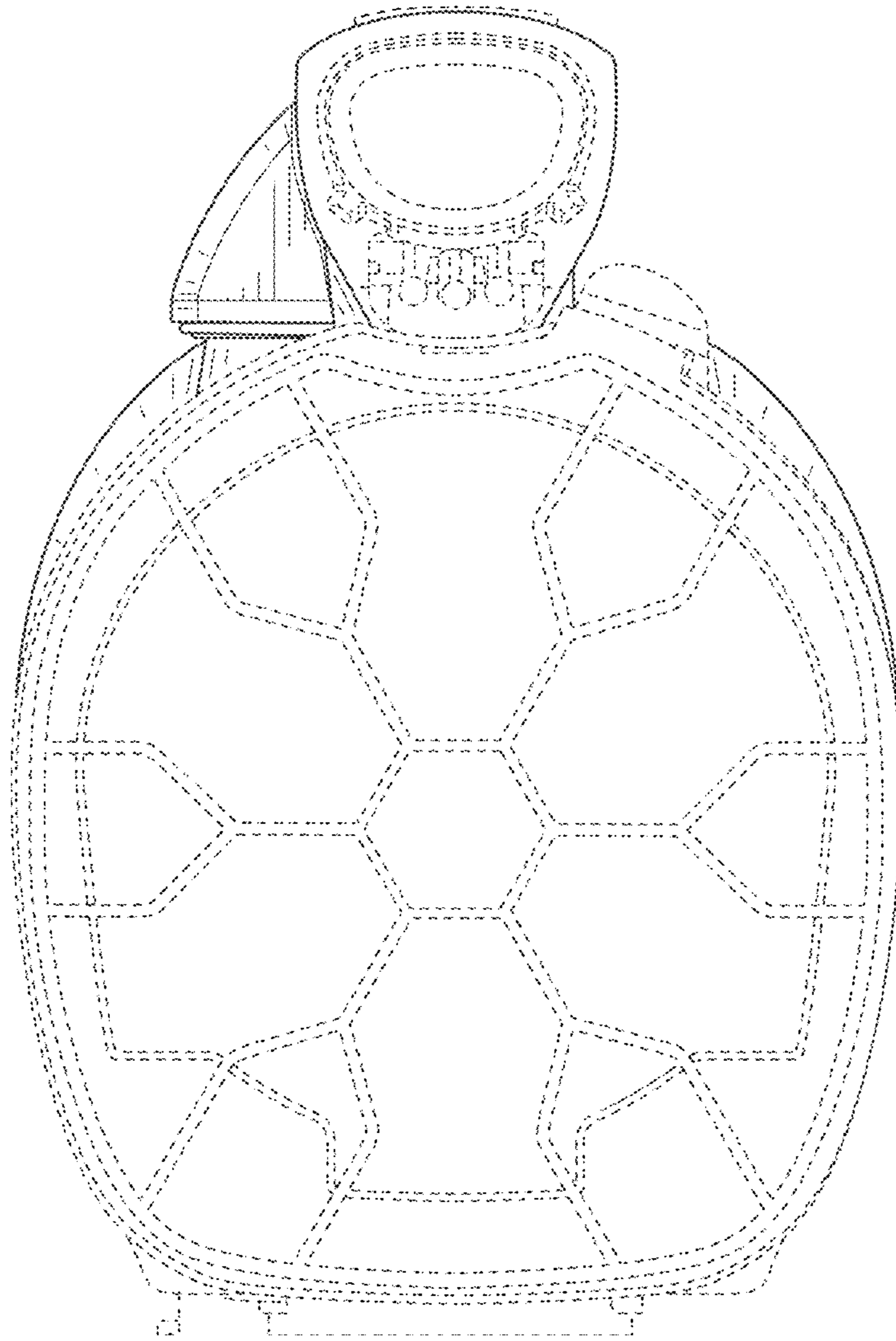


FIG. 28