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

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(45) **Date of Patent:** **** Mar. 1, 2022**

(54) **AUTOMATIC PET FEEDER**

A01K 5/0258; A01K 5/0142; A01K
5/0233; A01K 29/00; A01K 7/00; G01F
11/24; G01F 23/02;

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(Continued)

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Zeng,** Zhongshan (CN)

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

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(30) **Foreign Application Priority Data**

Primary Examiner — Susan Moon Lee

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(51) **LOC (13) Cl.** **30-07**

(52) **U.S. Cl.**
USPC **D30/122**

(58) **Field of Classification Search**

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119/61.5, 51.01, 61.56, 51.03, 59, 62, 63,
119/51.5, 57.8, 74, 61.54, 61.55, 53, 53.5,
119/75, 56.2, 51.02, 51.11, 51.12, 57.1,
119/52.1, 515; 312/204; 248/151, 188;
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220/737, 743, 9.4, 495.01, 574, 212, 255,
220/23.83; 206/515; D7/586, 543,
D7/550.1, 587, 505, 584, 545, 500,
D7/553.1–553.8, 546, 555, 556, 504, 565,
D7/562, 602, 605, 312, 313, 320, 307,
D7/306, 309, 354, 311, 399, 397, 323,
D7/332, 331, 347, 346, 322, 318, 317,
D7/316, 619.1; D9/429; 43/109;
D22/122; 99/430, DIG. 15, 280, 285,
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222/153.13, 401, 1, 146.5, 23, 54, 64, 51,
222/156, 399, 400.8; 219/438, 439, 441,
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210/474, 477

CPC A01K 5/02; A01K 5/0225; A01K 5/0114;
A01K 5/025; A01K 5/0266; A01K
5/0275; A01K 5/0283; A01K 5/0291;

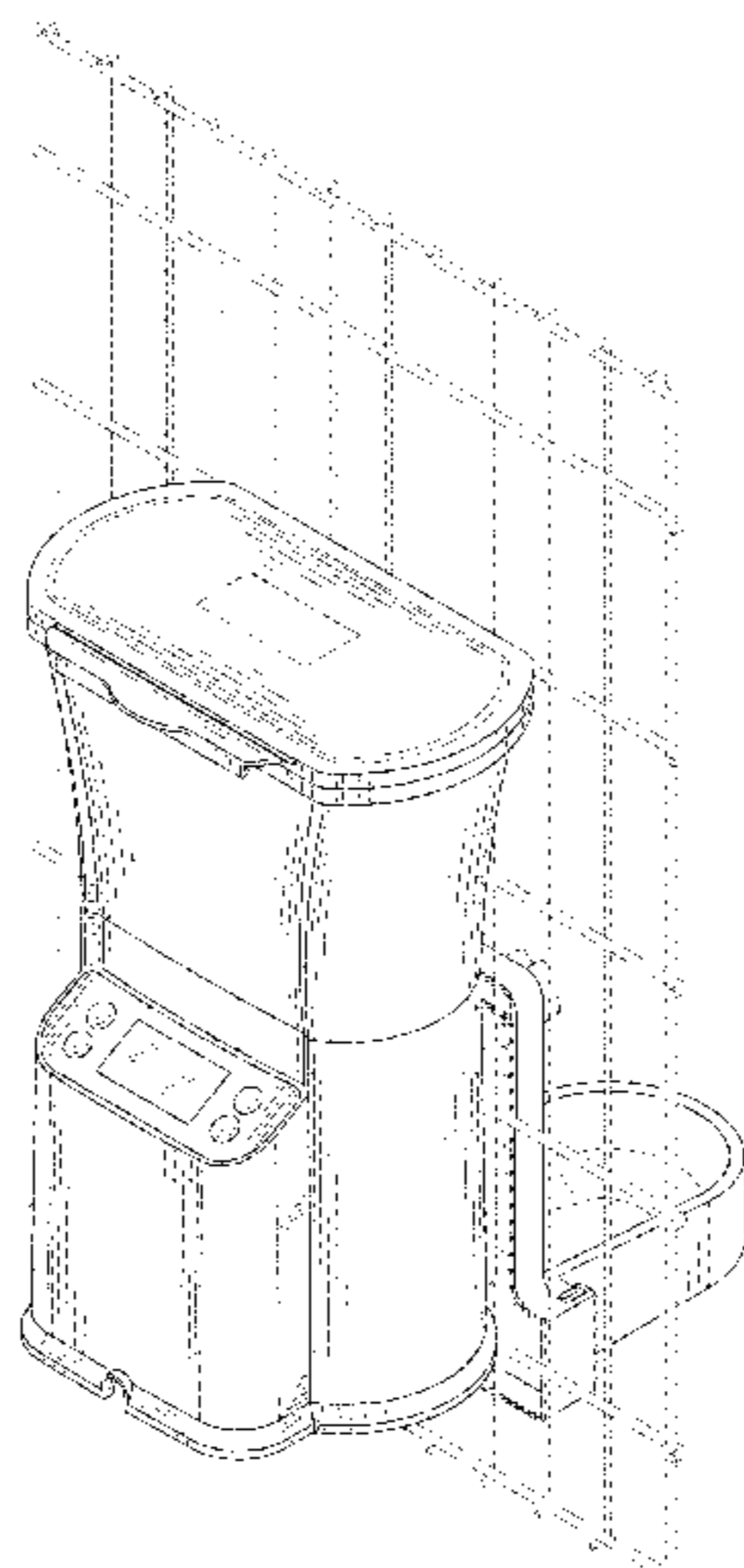
(57) **CLAIM**

The ornamental design for an automatic pet feeder, as shown
and described.

DESCRIPTION

FIG. 1 is a front and top perspective view of an automatic
pet feeder, showing an automatic pet feeder body connected
with a tray by a connector;
FIG. 2 is a rear and bottom perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an exploded view thereof;
FIG. 10 is a perspective view thereof, showing the automatic
pet feeder installed on a pet cage;
FIG. 11 is a front and top perspective view showing the
automatic pet feeder body only installed with the tray;
FIG. 12 is a front and bottom perspective view thereof; and,
FIG. 13 is a rear and top perspective view thereof.
The broken lines in the figures illustrate portions of the
article that form no part of the claimed design.

1 Claim, 13 Drawing Sheets



(58) **Field of Classification Search**
 CPC B67D 1/0425; B67D 1/04; B67D 1/00;
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 A47J 41/0033; A47J 41/005; A47J
 41/0088; A47J 41/0094; A47J 31/04;
 A47J 31/053; B05B 11/00; B05B
 11/0002; B05B 11/0005; B05B 11/001;
 C02F 1/003; C02F 1/283; C02F 2307/02
 See application file for complete search history.

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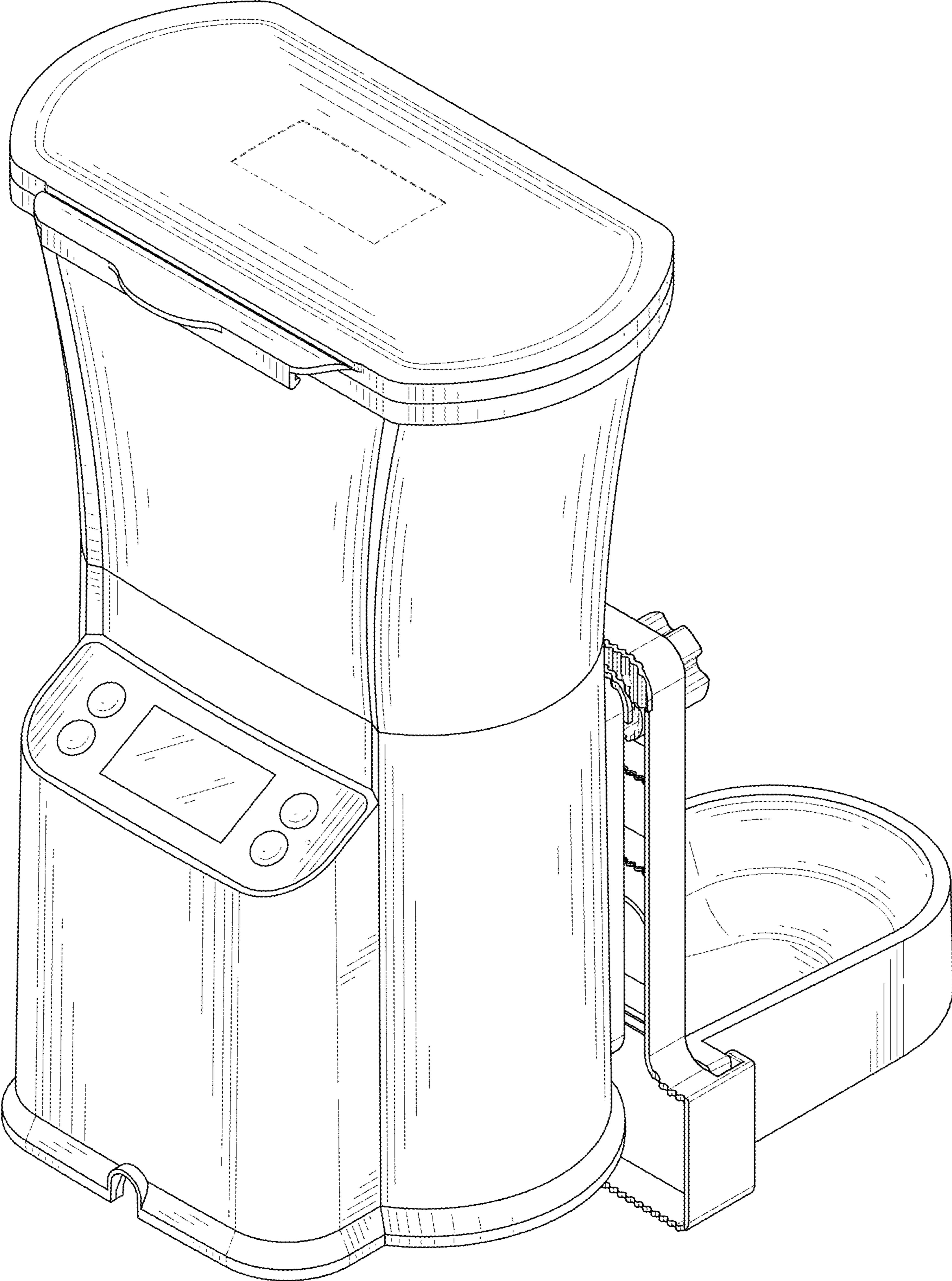


FIG. 1

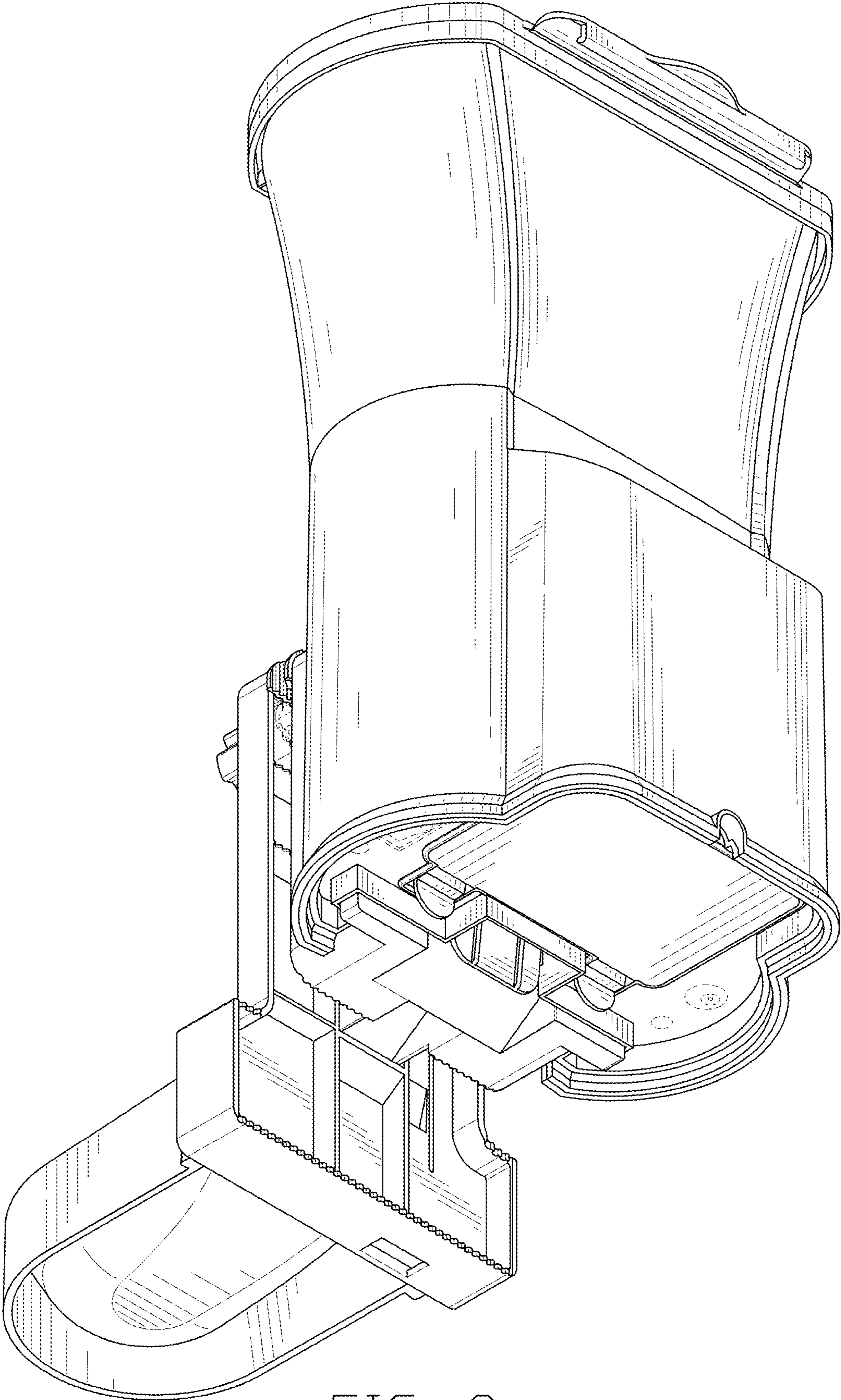


FIG. 2

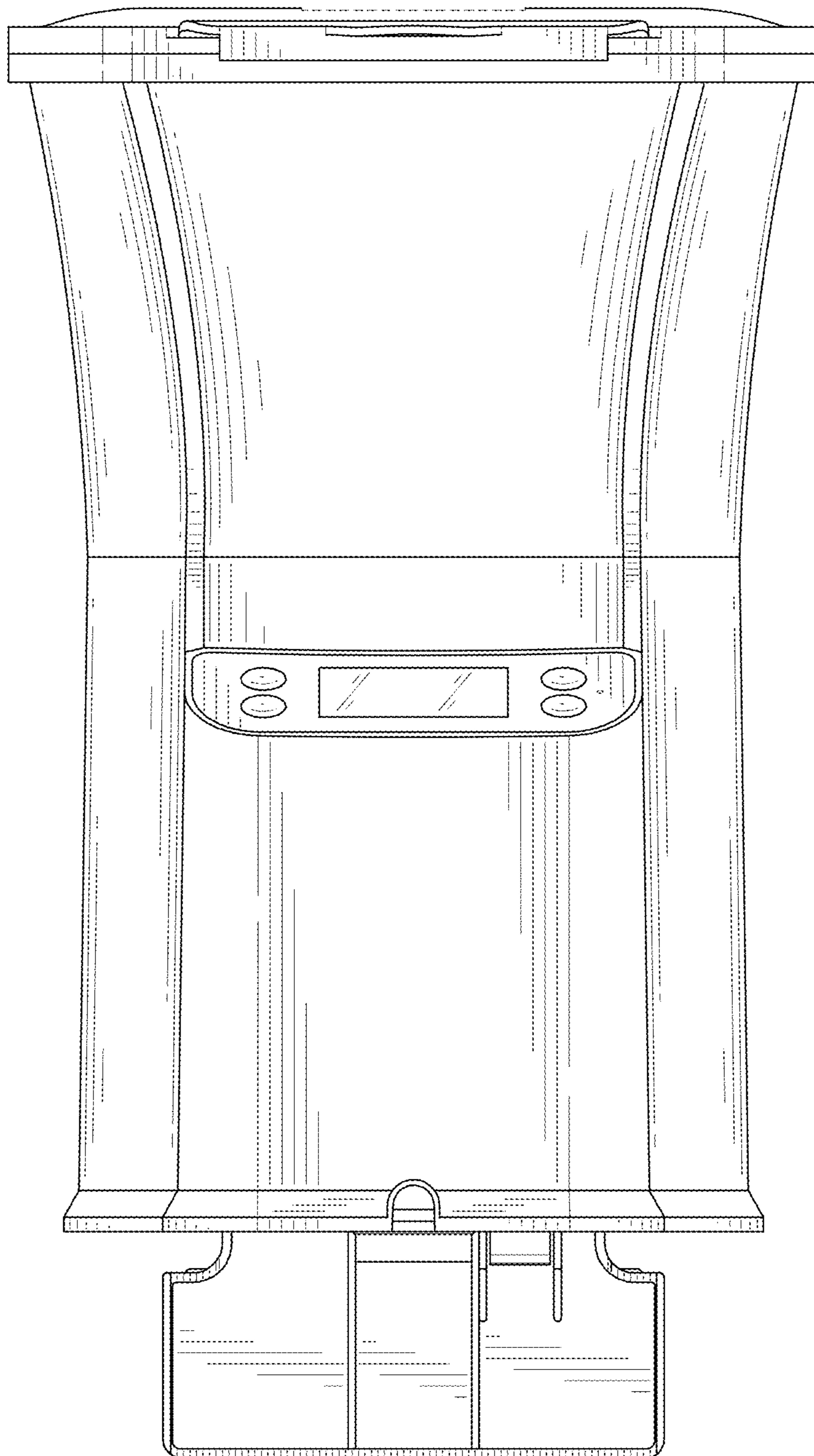


FIG. 3

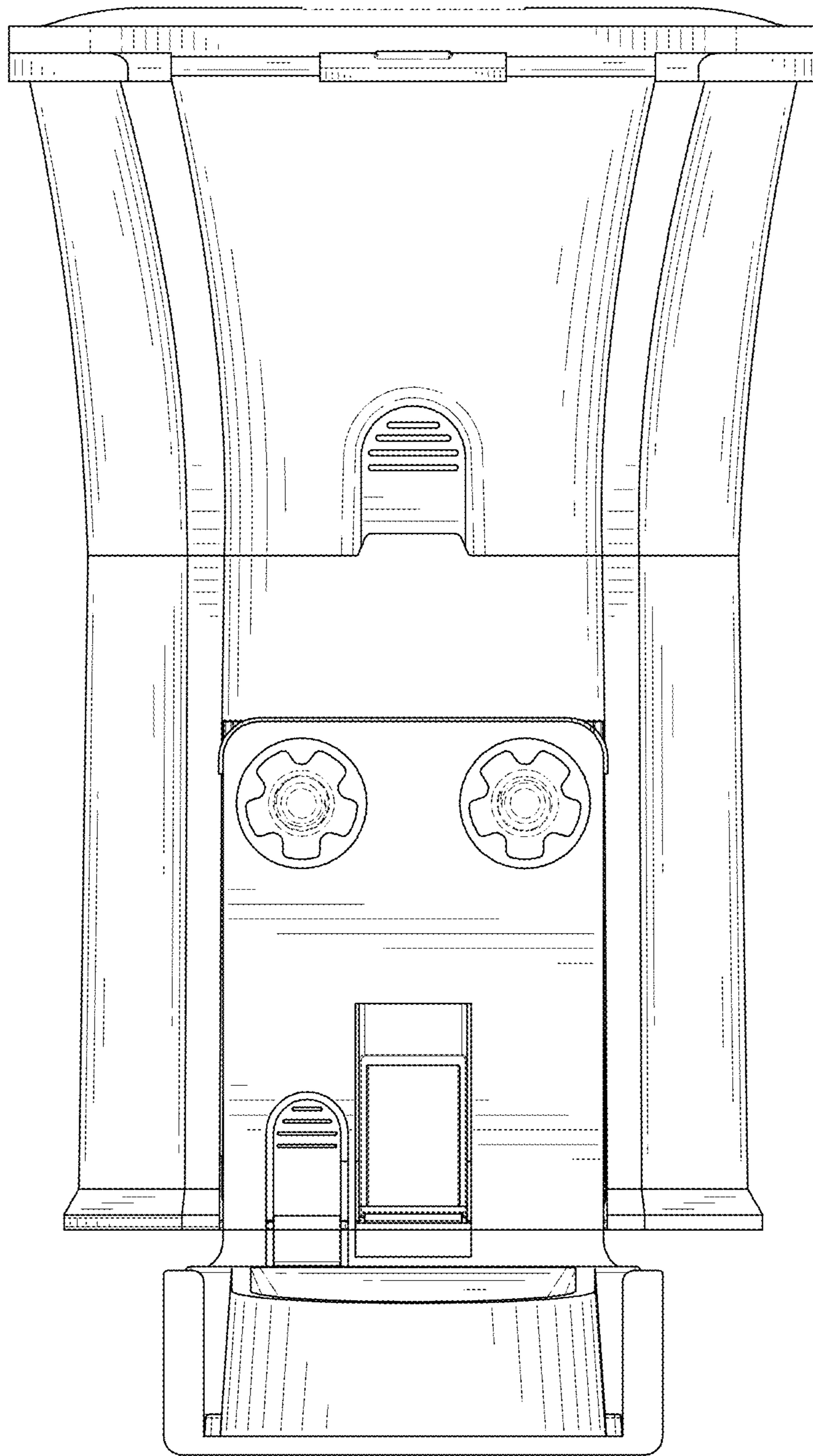


FIG. 4

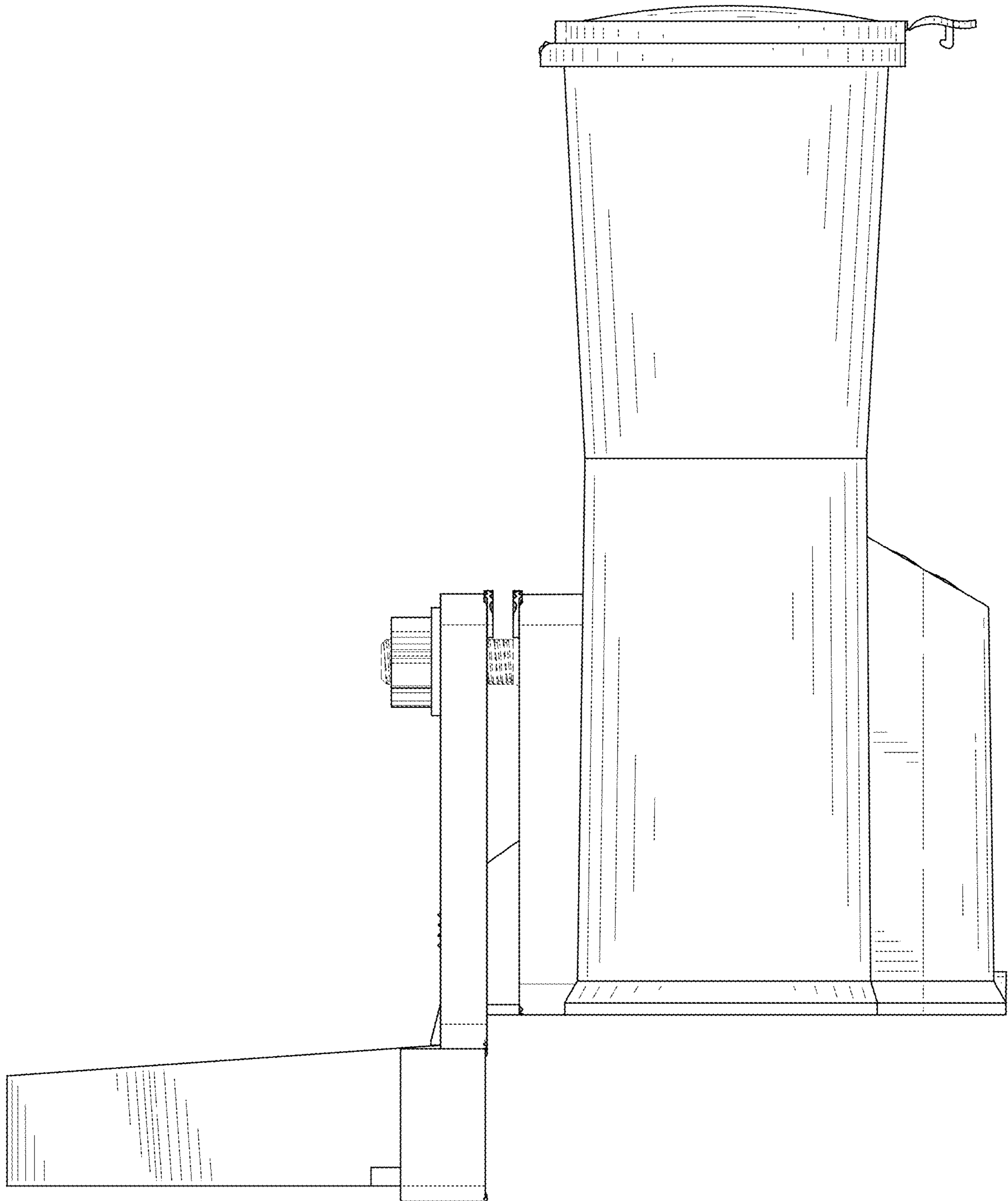


FIG. 5

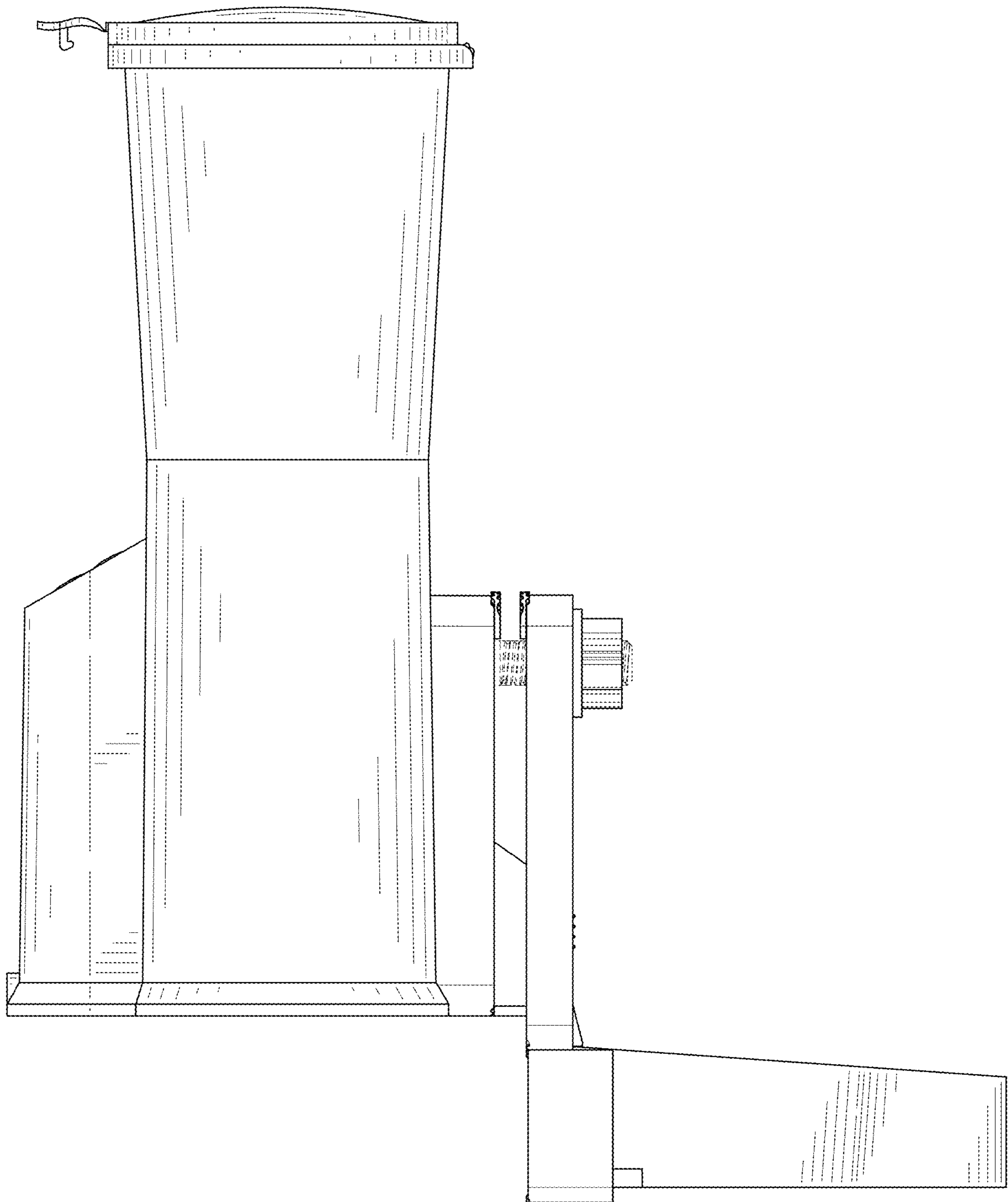


FIG. 6

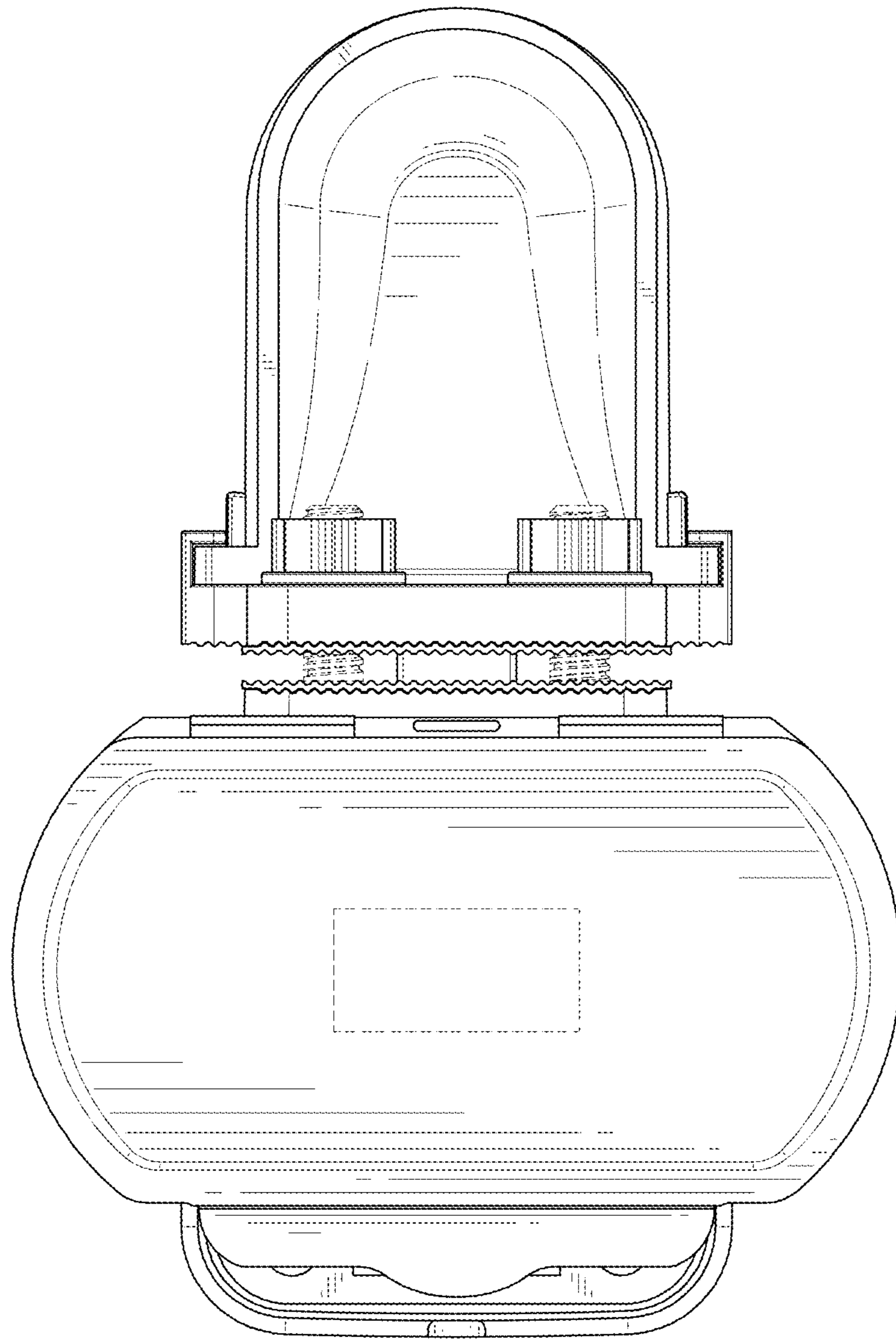


FIG. 7

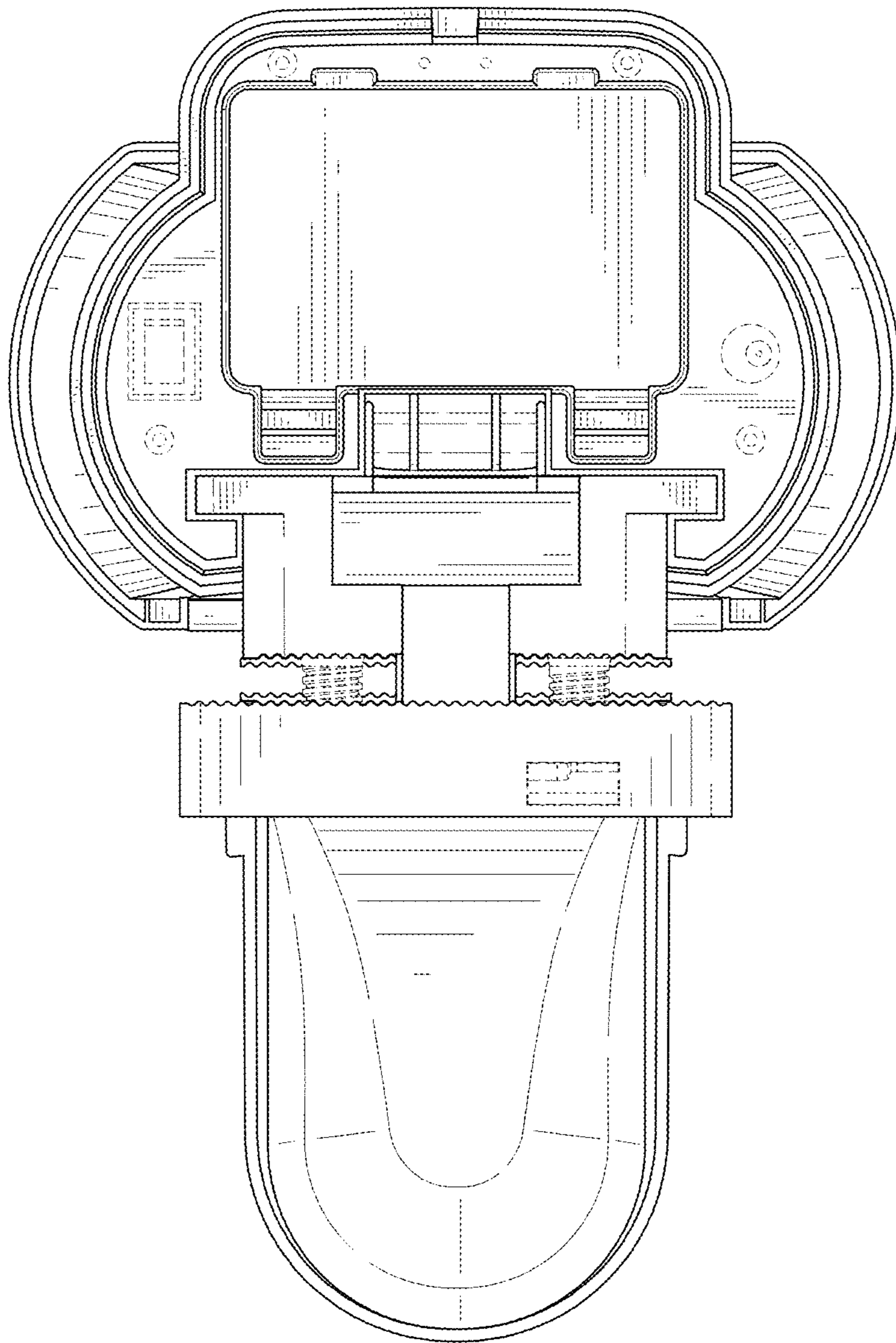


FIG. 8

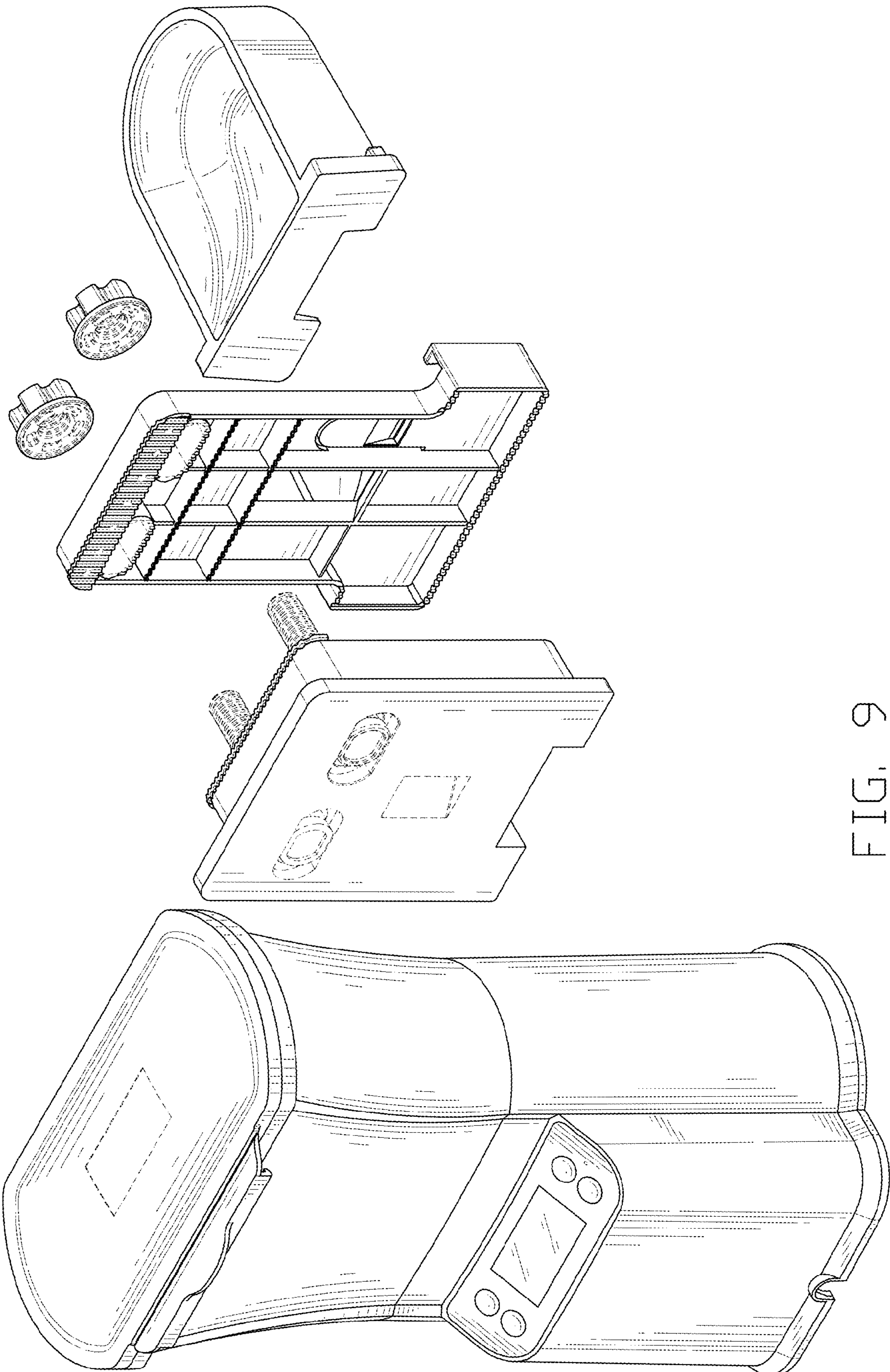


FIG. 9

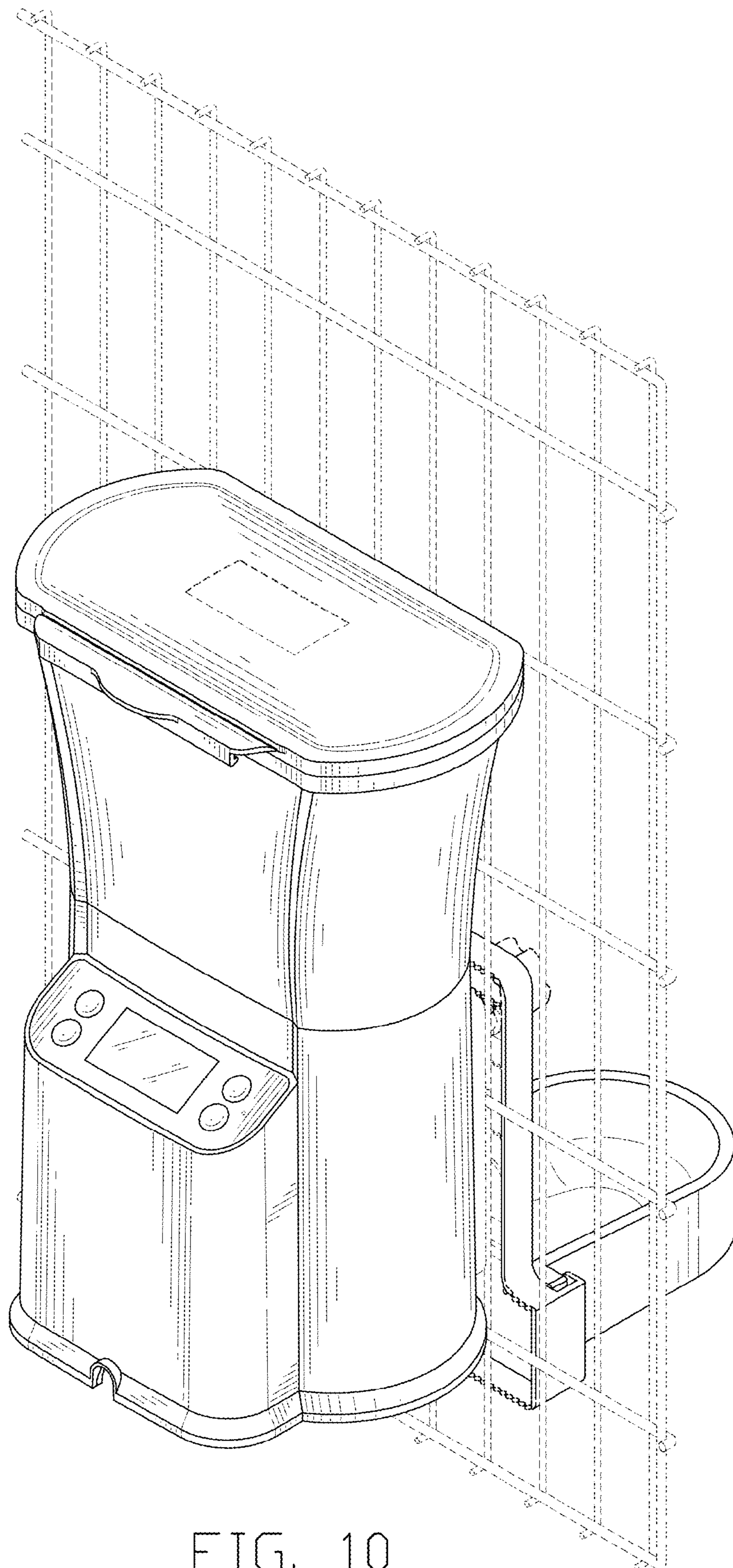


FIG. 10

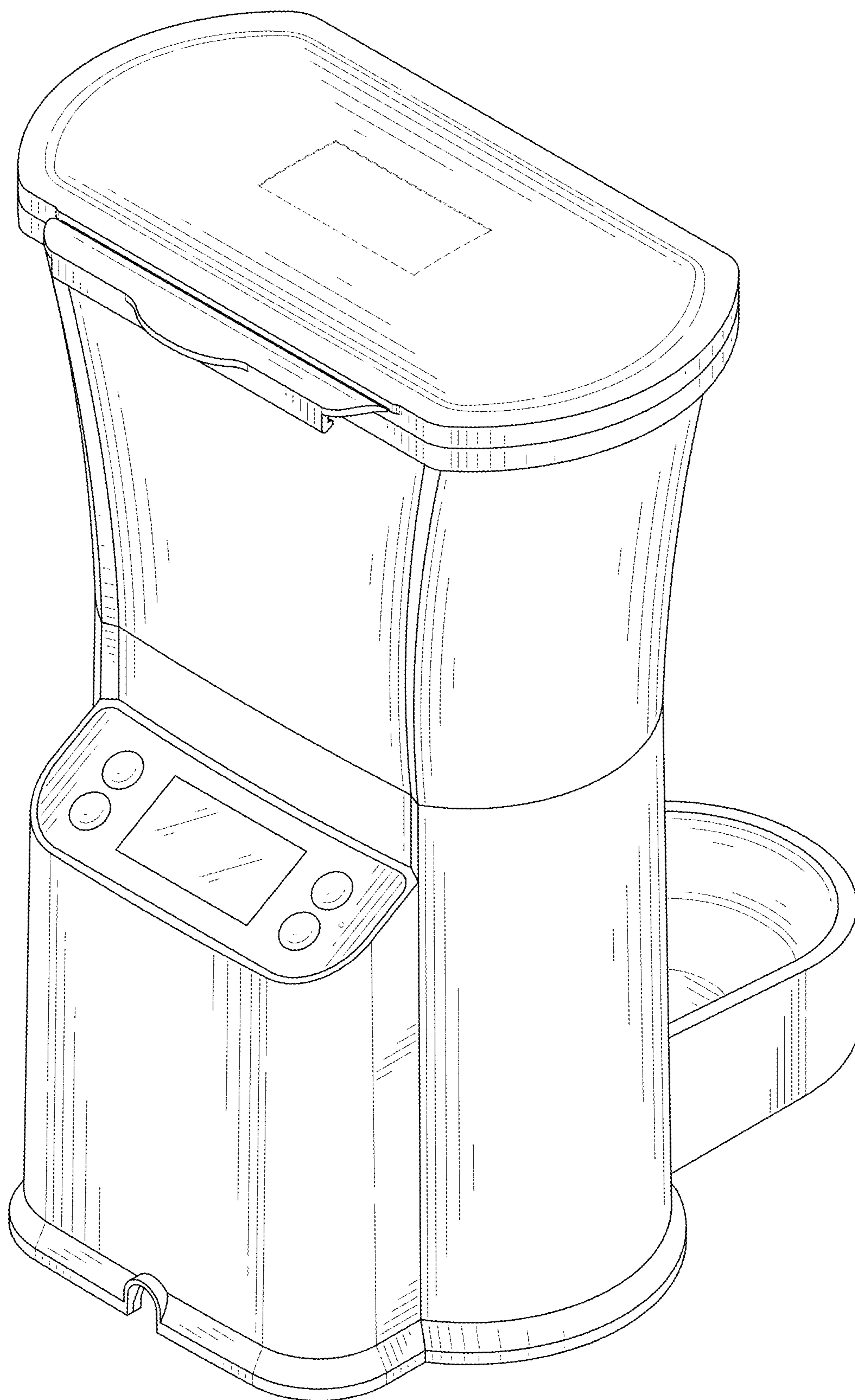


FIG. 11

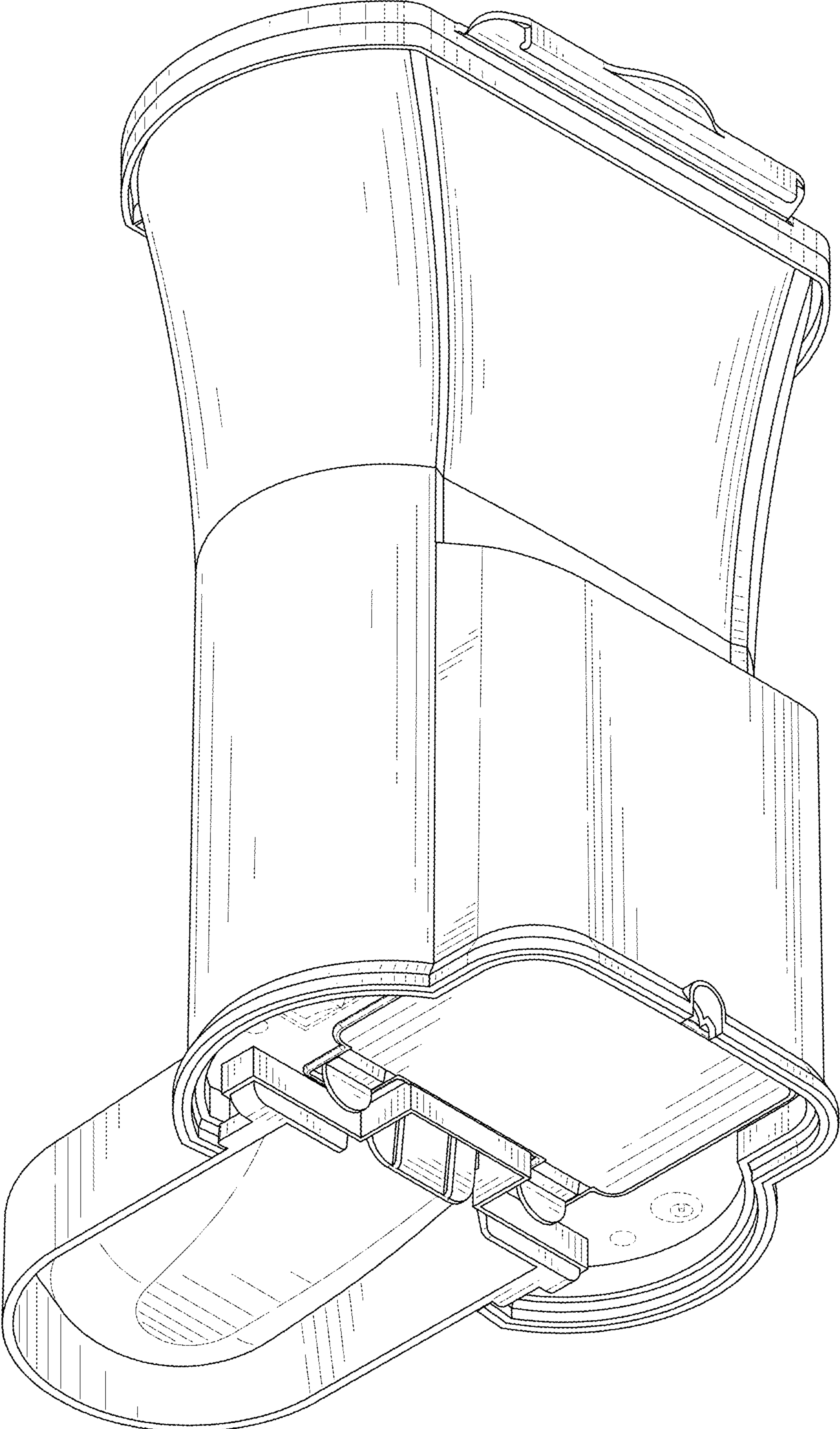


FIG. 12

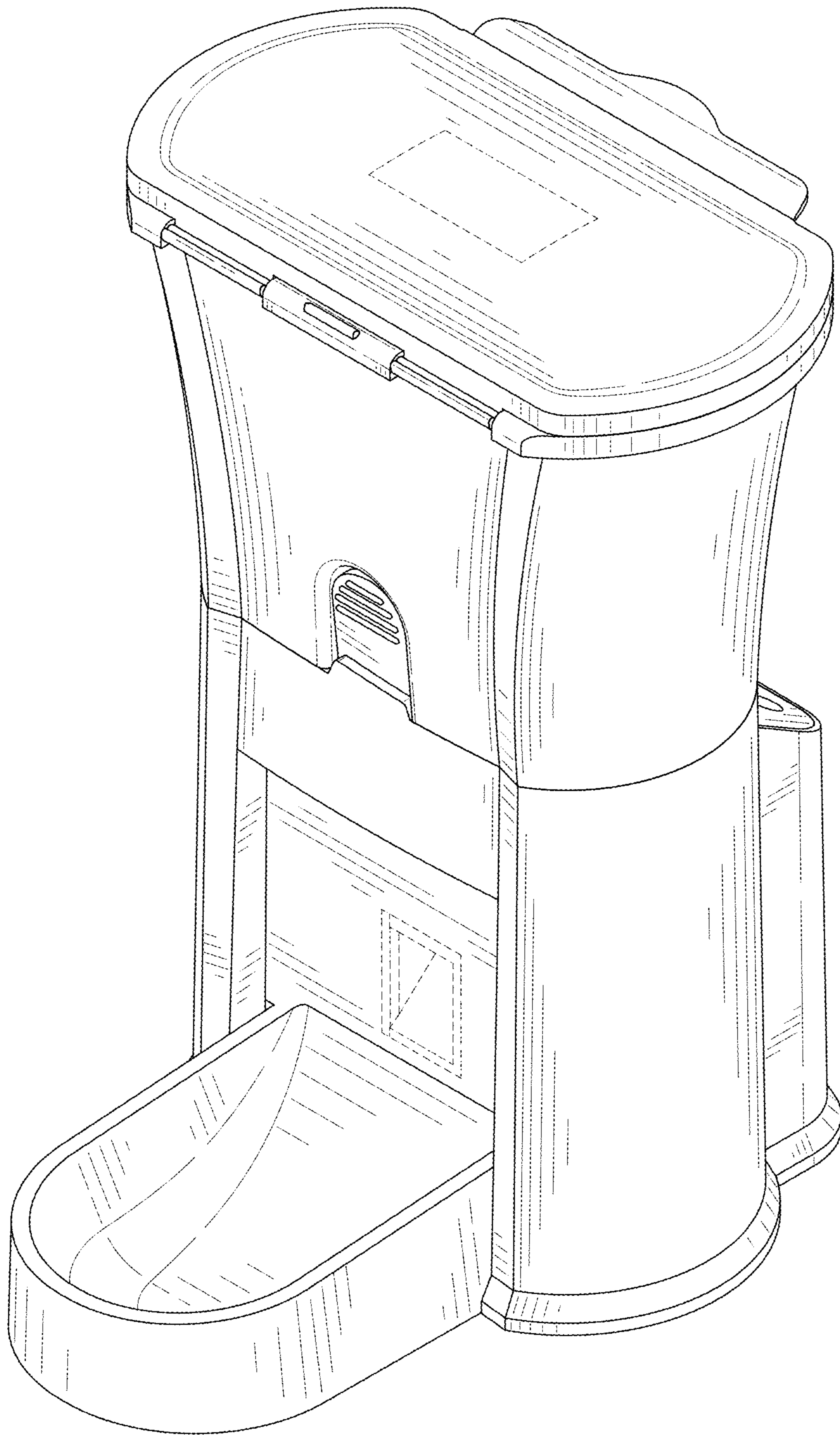


FIG. 13