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

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(54) **AUTOMATIC PET FEEDING SYSTEM**

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(73) Assignee: **Radio Systems Corporation**, Knoxville, TN (US)

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

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**Related U.S. Application Data**

(60) Division of application No. 29/518,688, filed on Feb. 26, 2015, now Pat. No. Des. 736,481, which is a continuation-in-part of application No. 14/308,191, filed on Jun. 18, 2014.

(51) **LOC (10) Cl.** ..... **30-07**

(52) **U.S. Cl.**

USPC ..... **D30/122**

(58) **Field of Classification Search**

USPC ..... D30/121, 122, 129–133; 119/61.5, 119/51.01, 61.56, 51.03, 59, 62, 63, 51.5, 119/57.8, 74, 61.54, 61.55, 53, 53.5, 75, 119/56.2, 51.02, 51.11, 51.12, 57.1, 52.1, 119/515; 312/204; 248/151, 188; 108/156, 108/153.1–157; 220/23.87, 630, 737, 743, 220/9.4, 495.01, 574, 212, 255, 23.83; 206/515; D7/586, 543, 550.1, 587, D7/505, 584, 545, 500, 553.1–553.8, 546, D7/555, 556, 504, 565, 562, 602, 605, 312, D7/313, 320, 307, 306, 309, 354, 311, 399, D7/397, 323, 332, 331, 347, 346, 322, 318, D7/317, 316, 619.1; D9/429; 43/109; D22/122; 99/430, DIG. 15, 280, 285, 99/312; 222/209, 131, 363, 349, 517, 222/153.13, 401, 1, 146.5, 23, 54, 64, 51, 222/156, 399, 400.8; 219/438, 439, 441, 219/385, 386, 402, 407; 210/94, 184, 474, 210/477

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; A01K 5/0258; A01K 7/00; G01F 11/24; G01F 23/02; B67D 1/0425; B67D 1/04; B67D 1/00; B67D 1/02; B67D 1/0871; B67D 1/0802; 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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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view showing our new design for an automatic pet feeding system. A food bowl is shown in phantom.

FIG. 2 is a front elevational view thereof;

FIG. 3 is a back elevational view thereof.

FIG. 4 is a right side elevational view thereof. A food bowl is shown as an environmental feature.

FIG. 5 is a left side elevational view thereof.

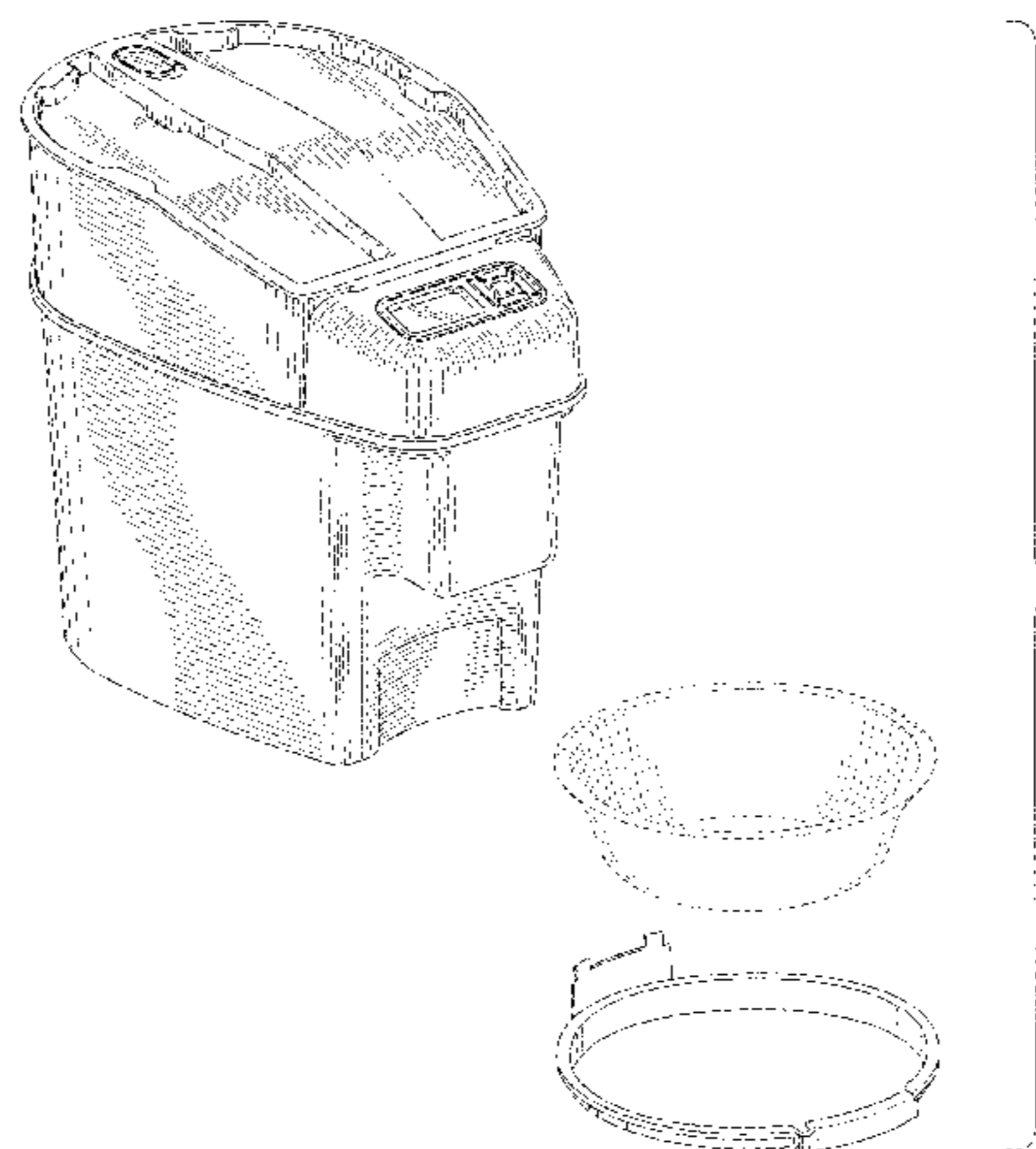
FIG. 6 is a top plan view thereof.

FIG. 7 is a bottom plan view thereof; and,

FIG. 8 is an exploded perspective view thereof.

Broken lines and unshaded portions contained within broken lines are not claimed.

**1 Claim, 6 Drawing Sheets**



(56)

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FIG. 1

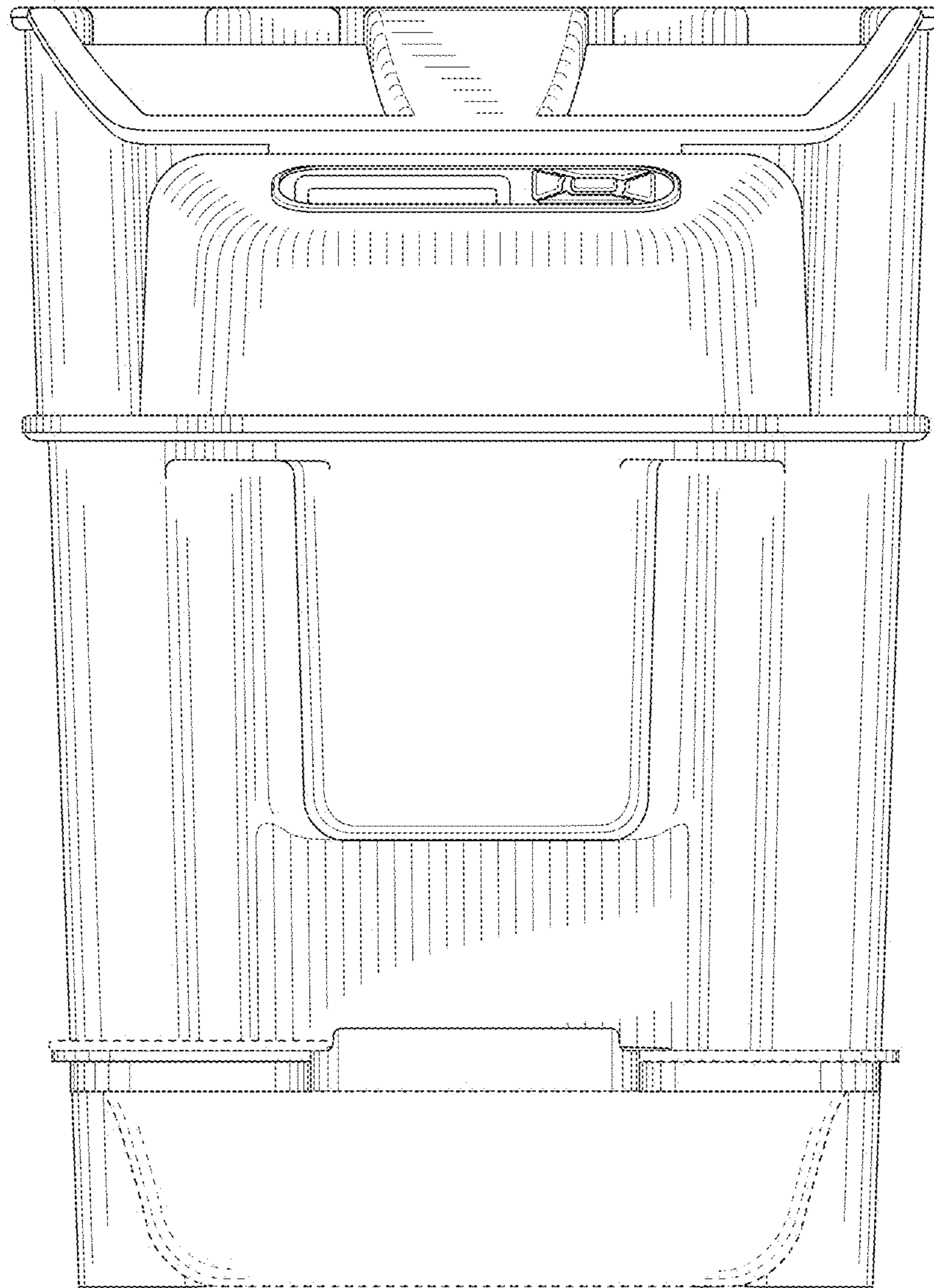


FIG. 2

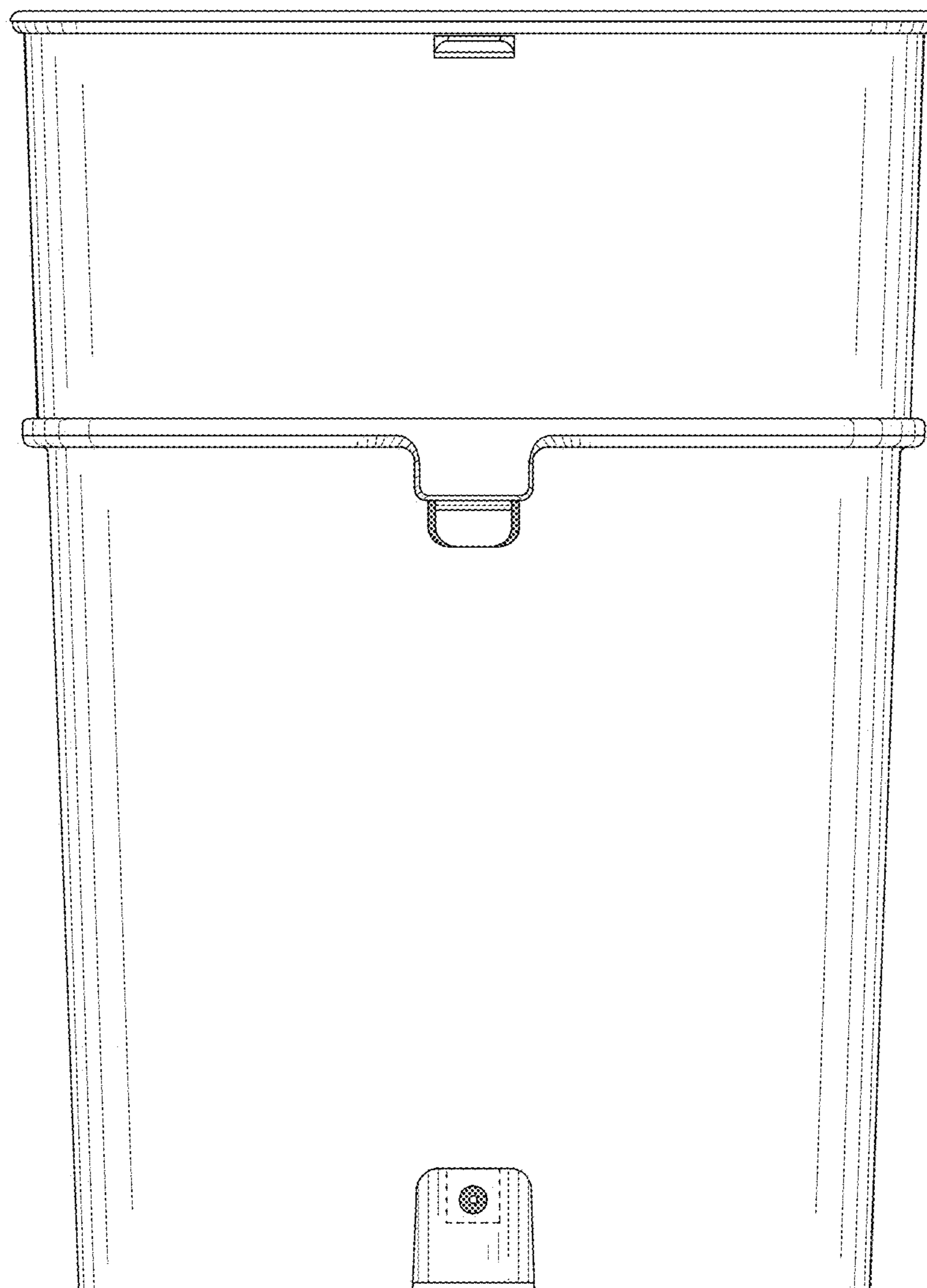


FIG. 3

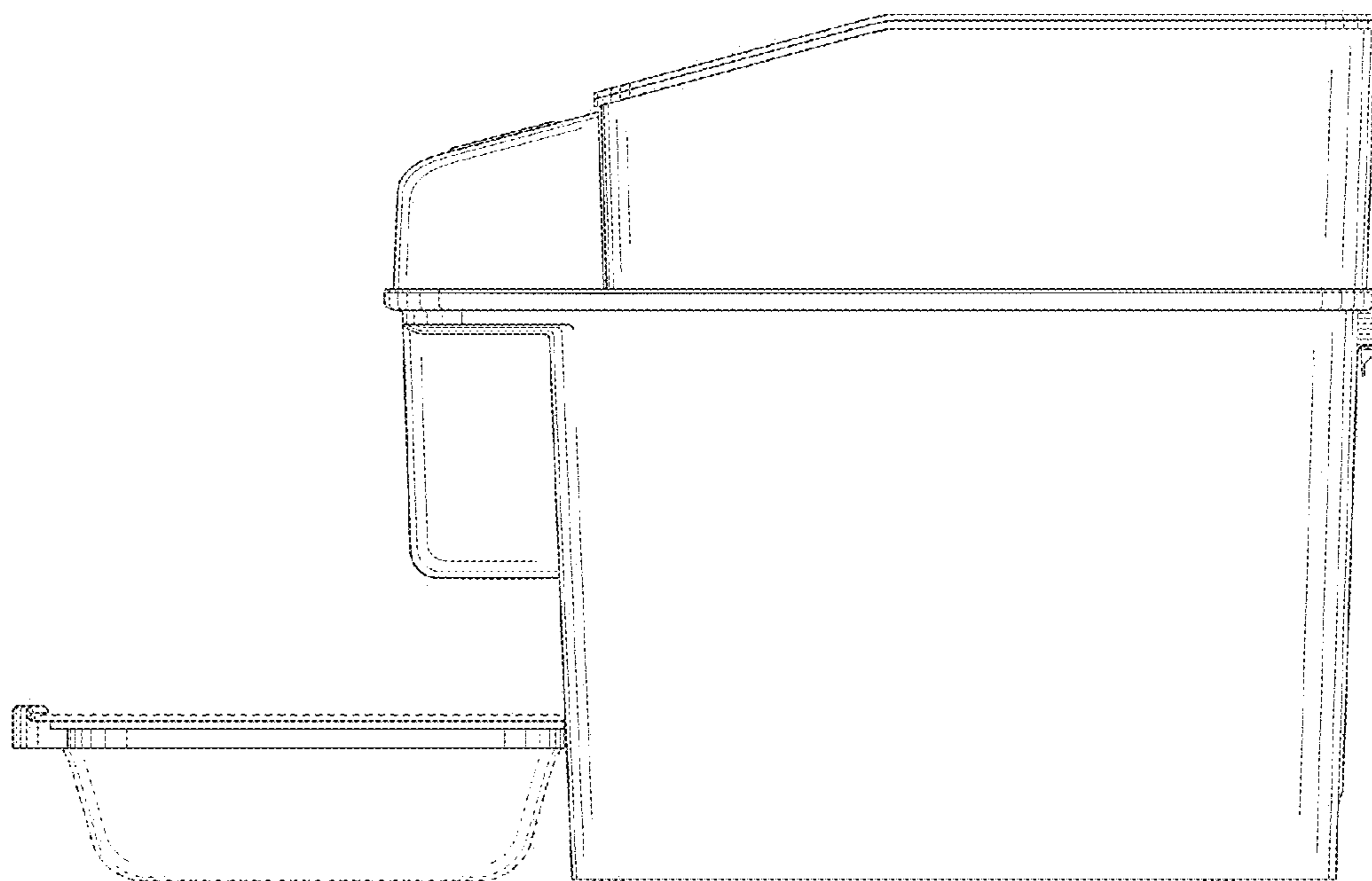


FIG. 4

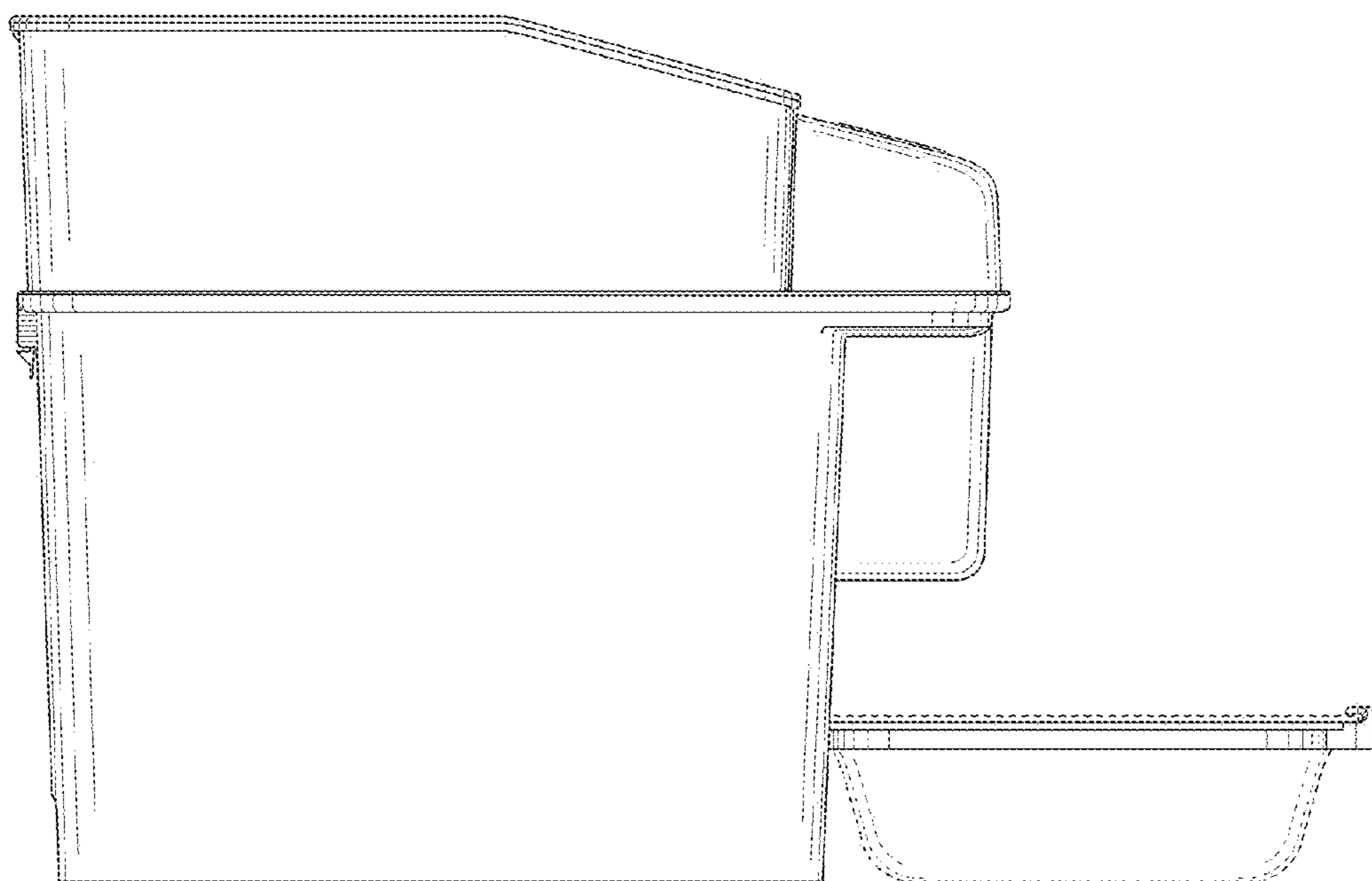


FIG. 5

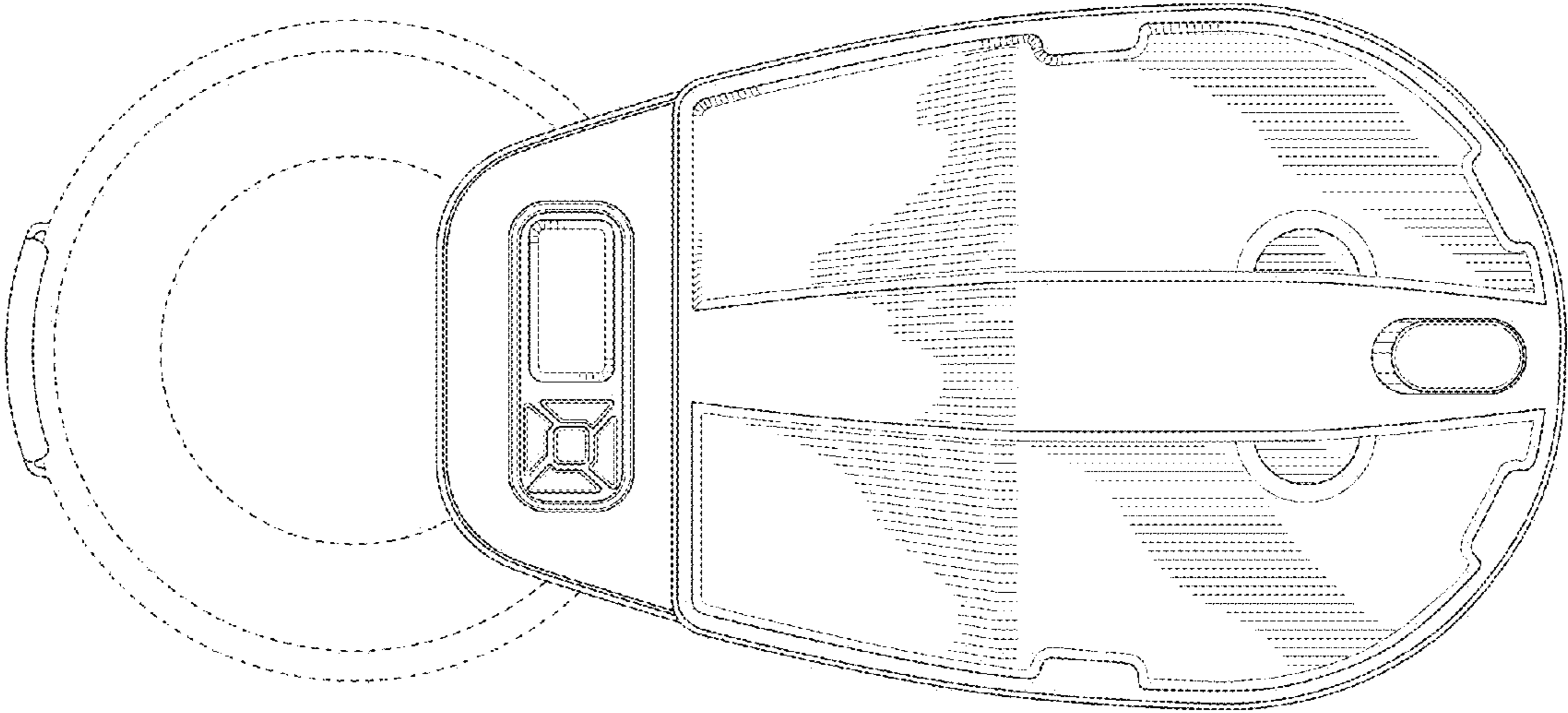


FIG. 6

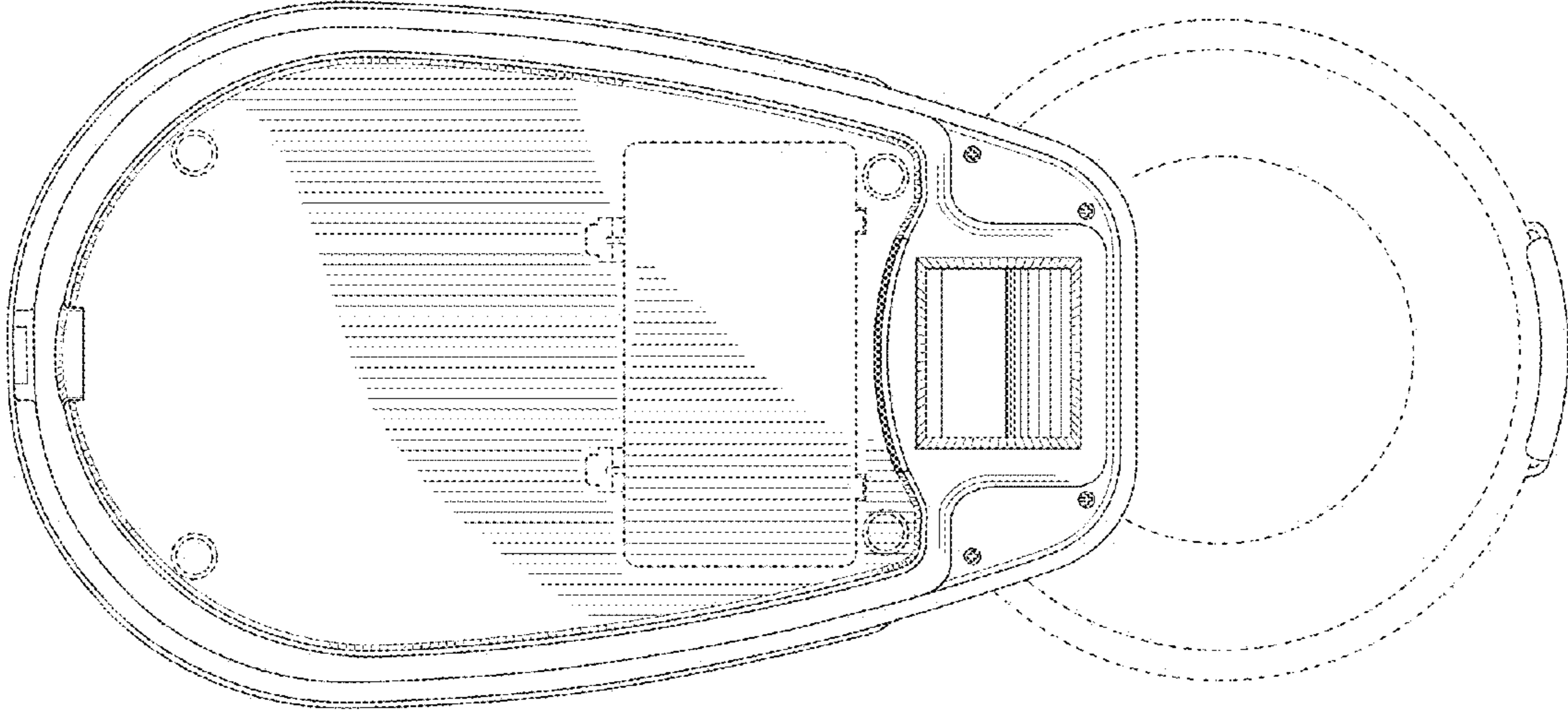


FIG. 7



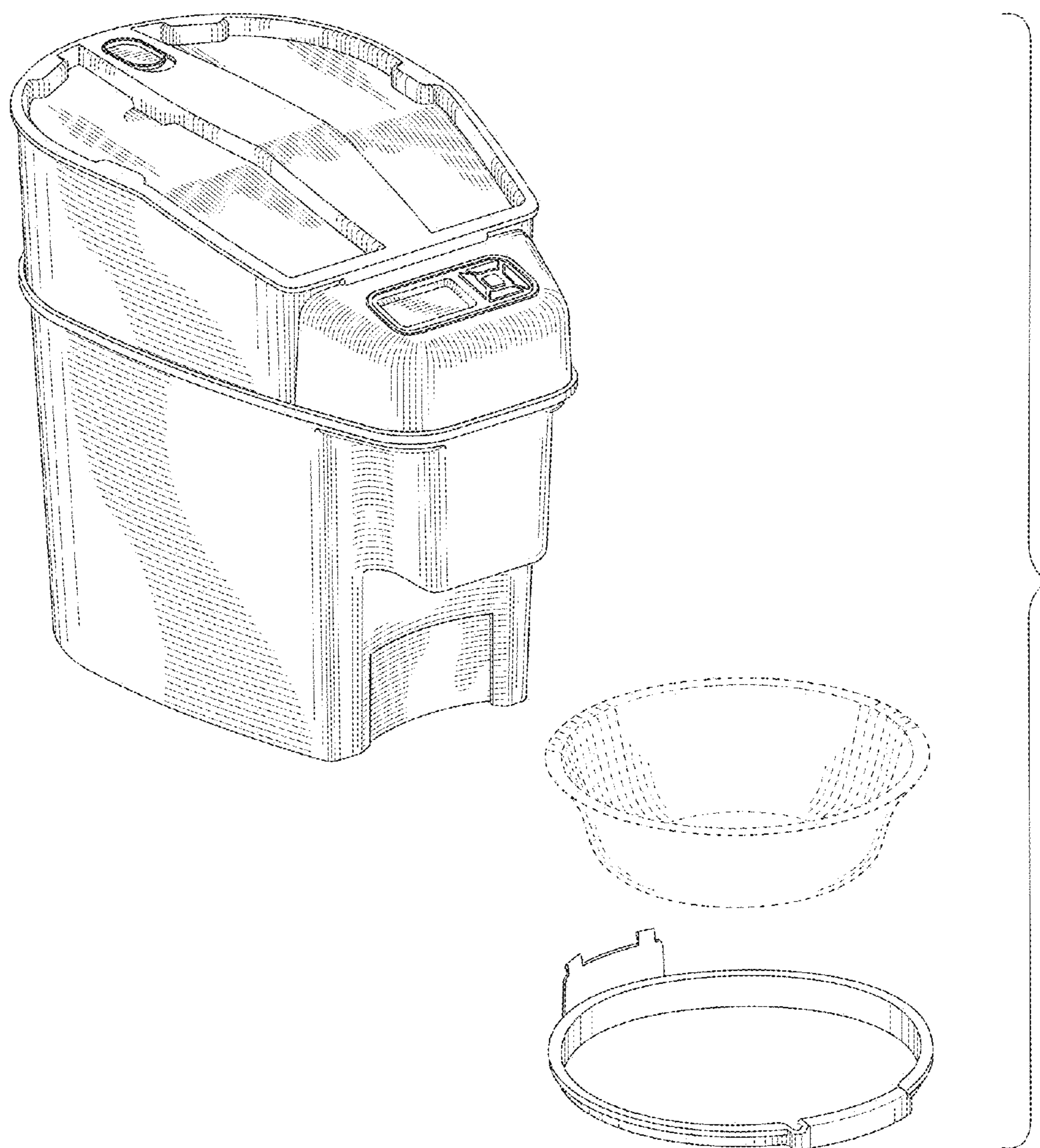


FIG. 8