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

(10) **Patent No.:** **US D540,501 S**

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(54) **SENSOR OPENING TRASH BIN WITH LID**

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(\*\*) **Term:** **14 Years**

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(51) **LOC (8) Cl.** ..... **09-09**

(52) **U.S. Cl.** ..... **D34/7**

(58) **Field of Classification Search** ..... D34/1,  
D34/5, 6, 7, 8, 9, 10, 11; 220/908-913, 262-264  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a sensor opening trash bin with lid, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a sensor opening trash bin with lid showing my new design.

FIG. 2 is a left side view of FIG. 1, the right side view being a mirror image of the left side view.

FIG. 3 is a top view of FIG. 1.

FIG. 4 is a rear view of FIG. 1.

FIG. 5 is a bottom view of FIG. 1.

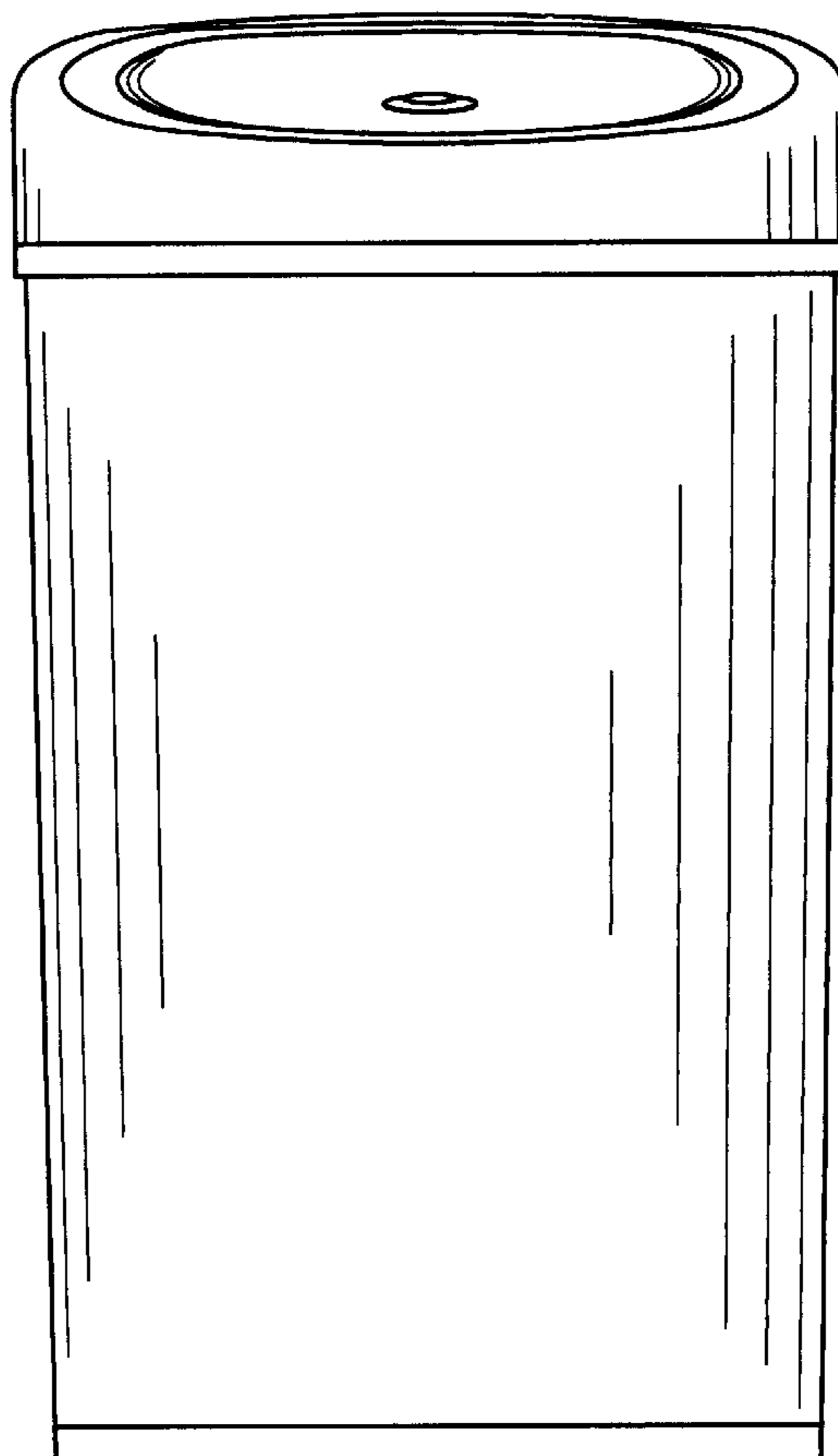
FIG. 6 is a side and top perspective view of FIG. 1.

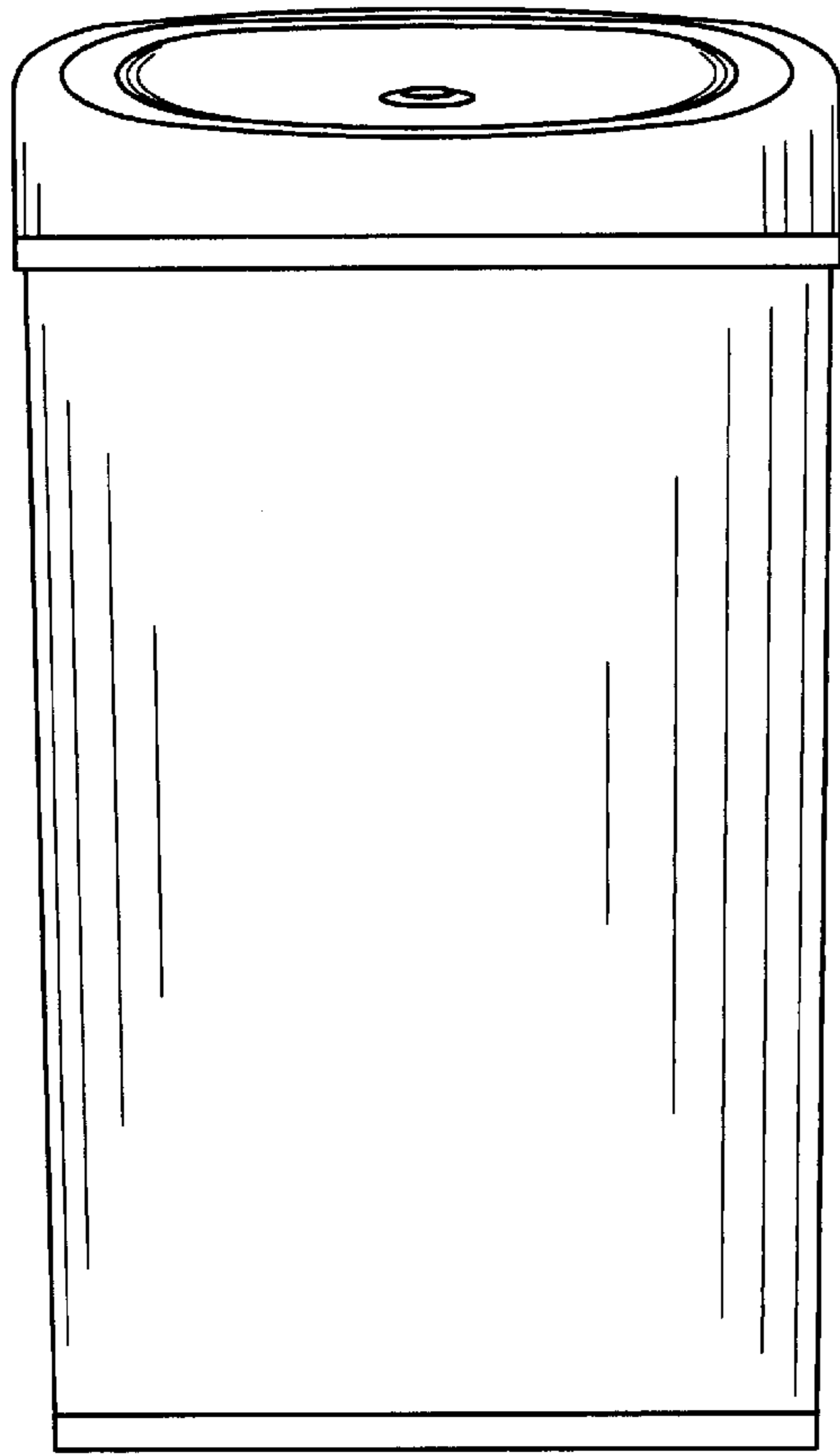
FIG. 7 is a side and top perspective view of the sensor opening trash bin of FIG. 1 shown without the lid; and,

FIG. 8 is a side and top perspective view of the lid of the sensor opening trash bin of FIG. 1.

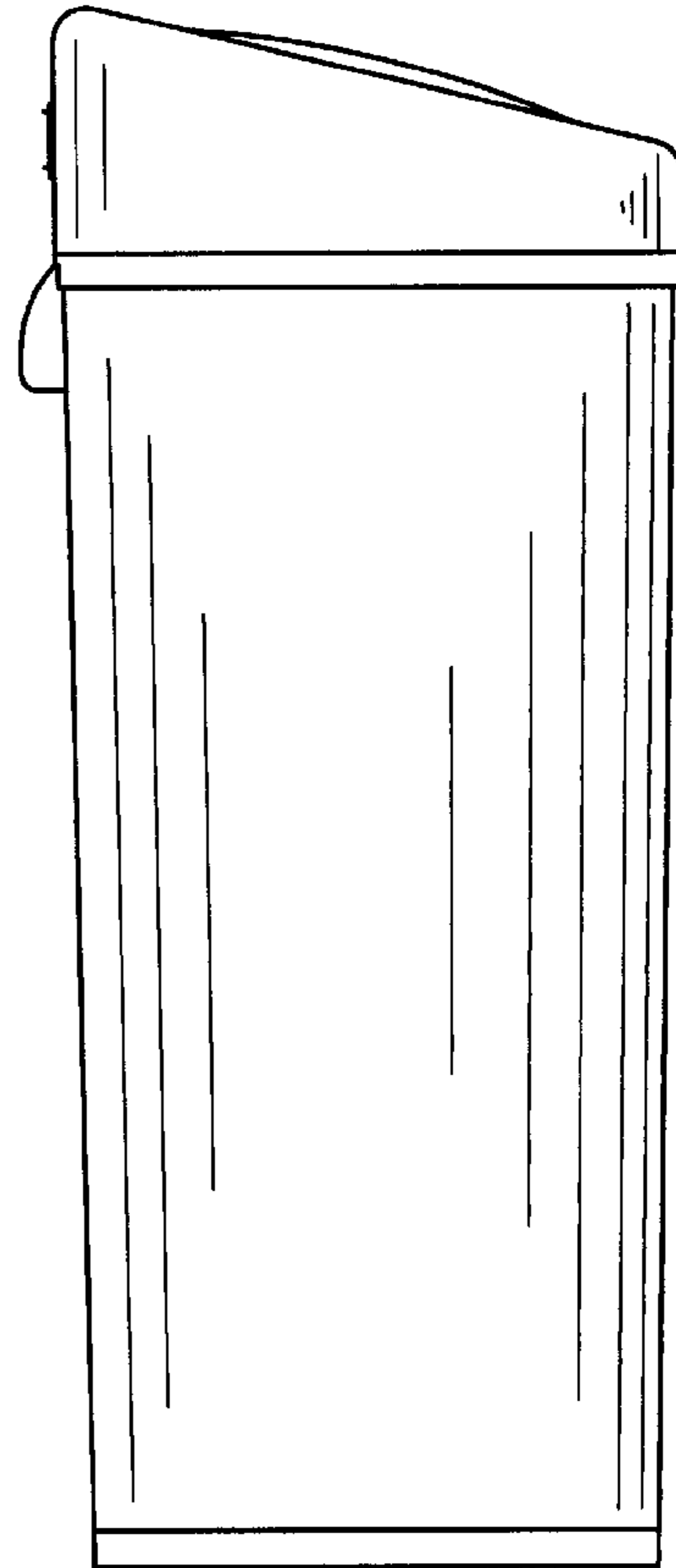
The trash bin and the lid are being shown separated in FIGS. 7 and 8 for convenience of illustration.

**1 Claim, 3 Drawing Sheets**

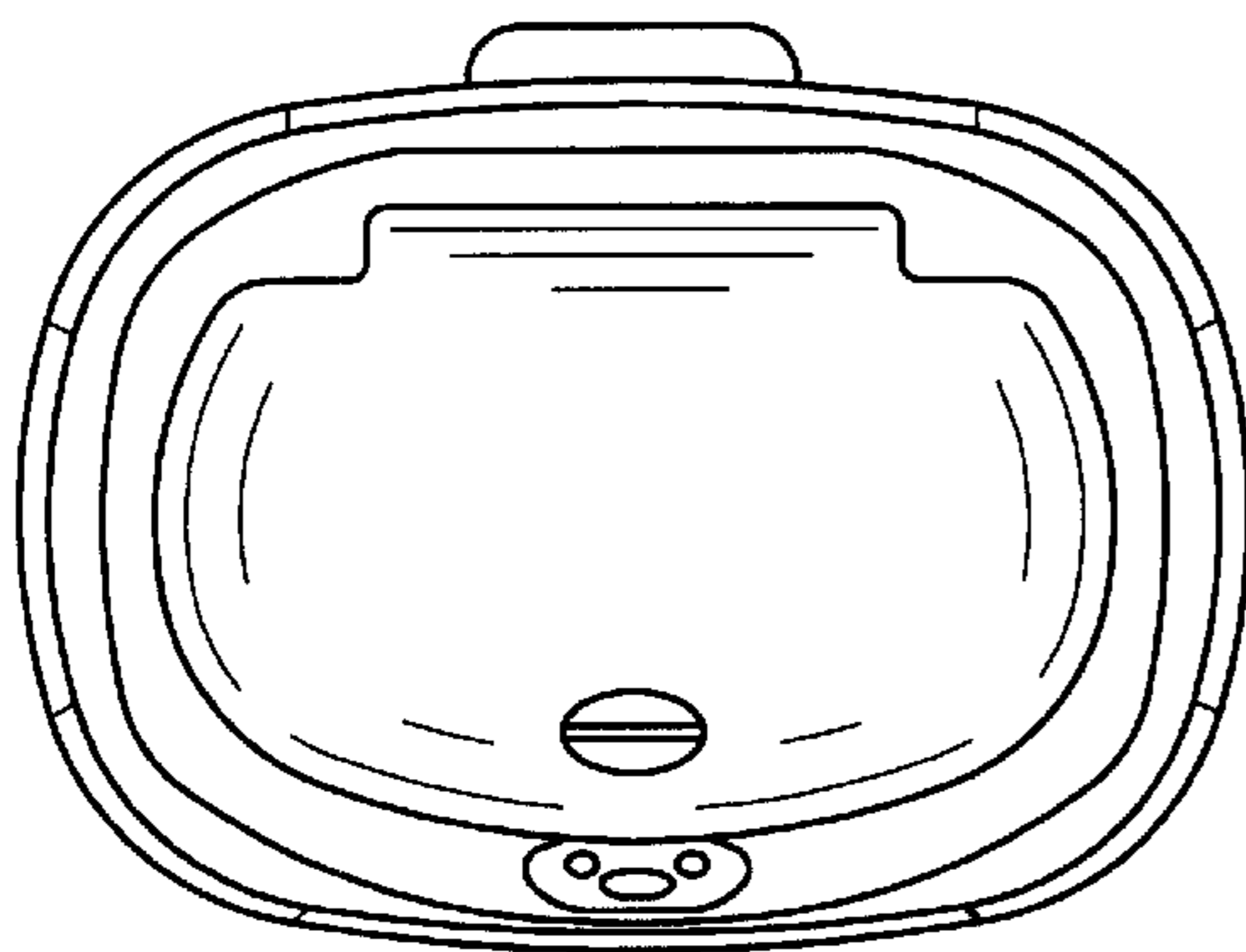




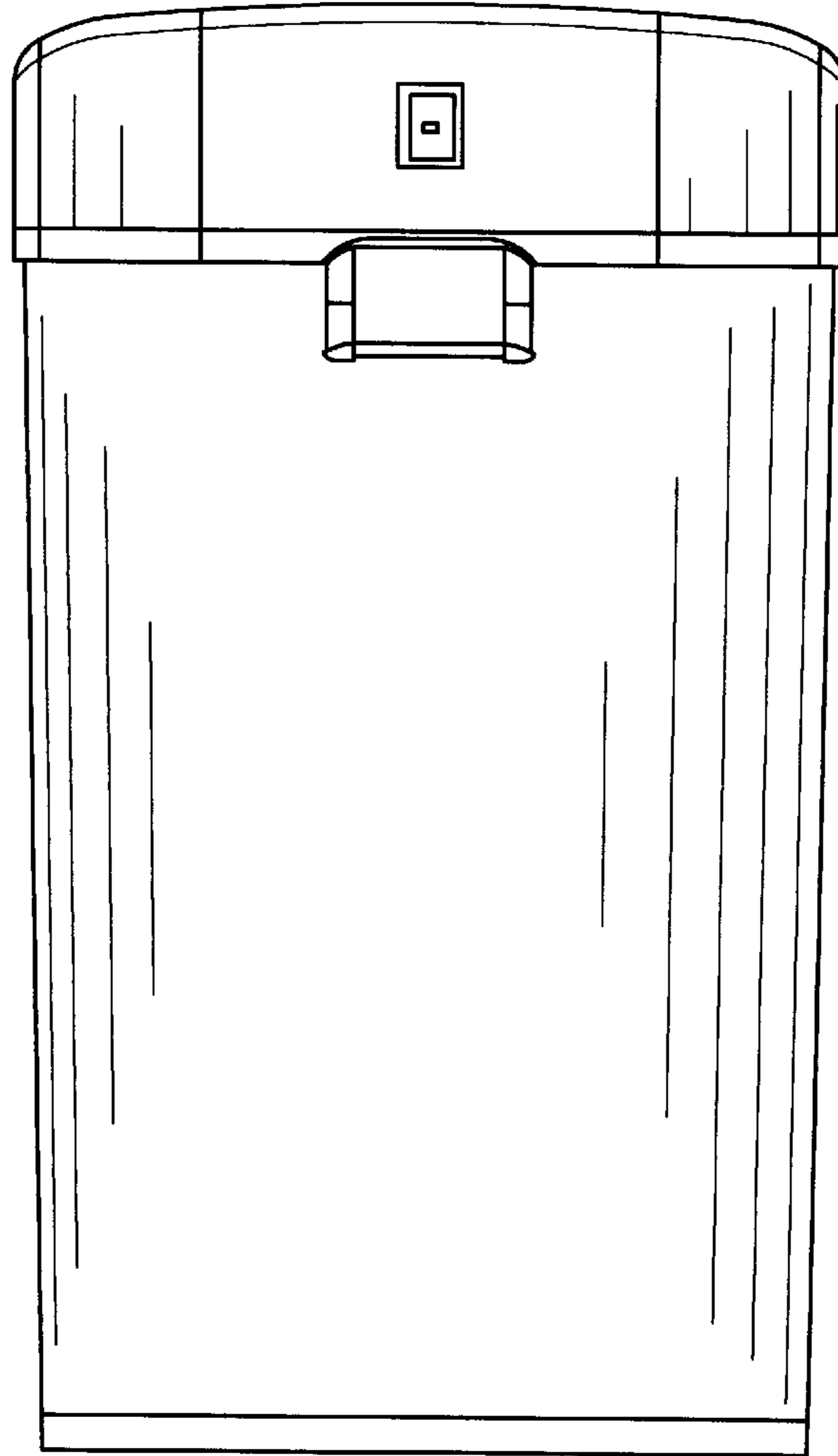
*FIG. 1*



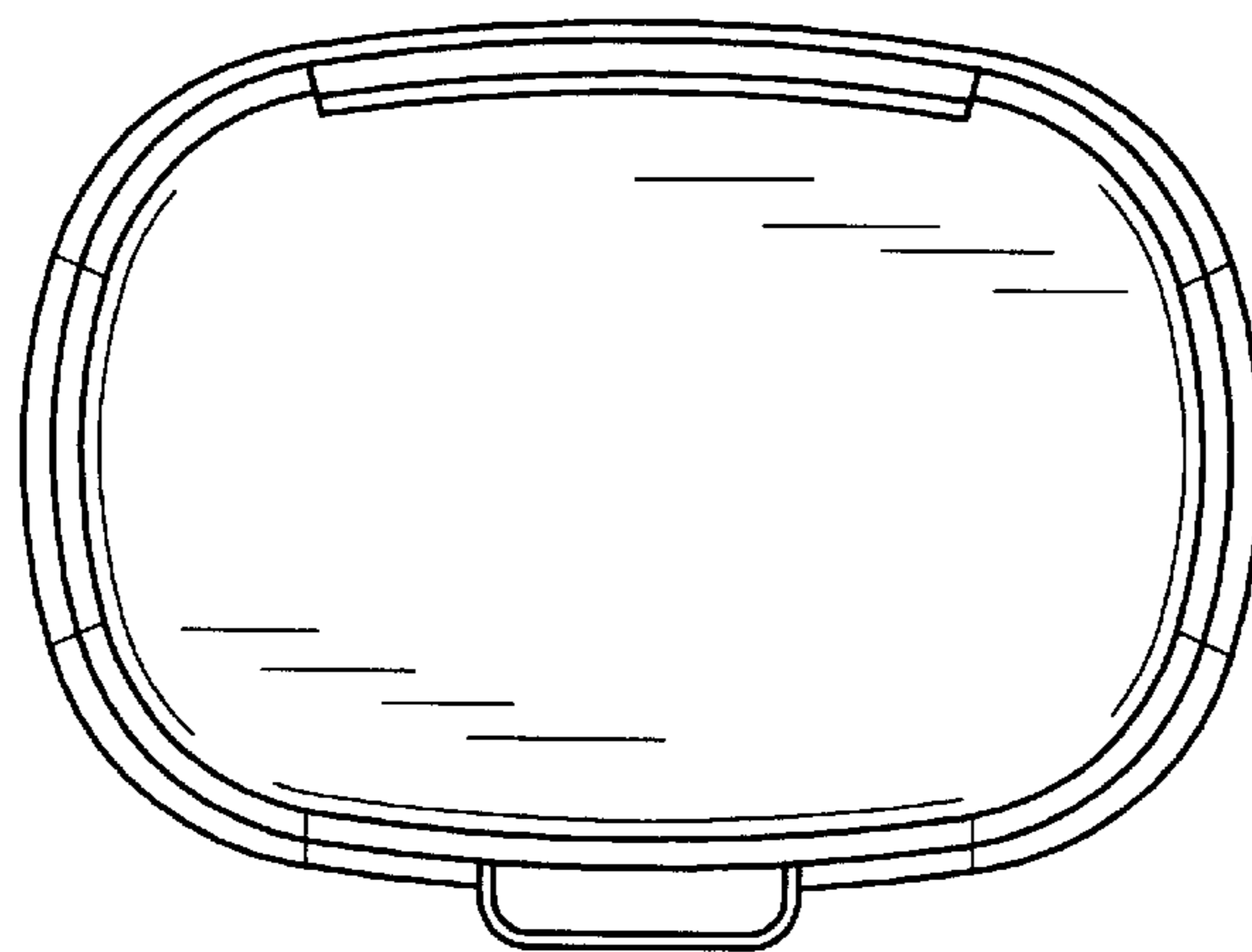
*FIG. 2*



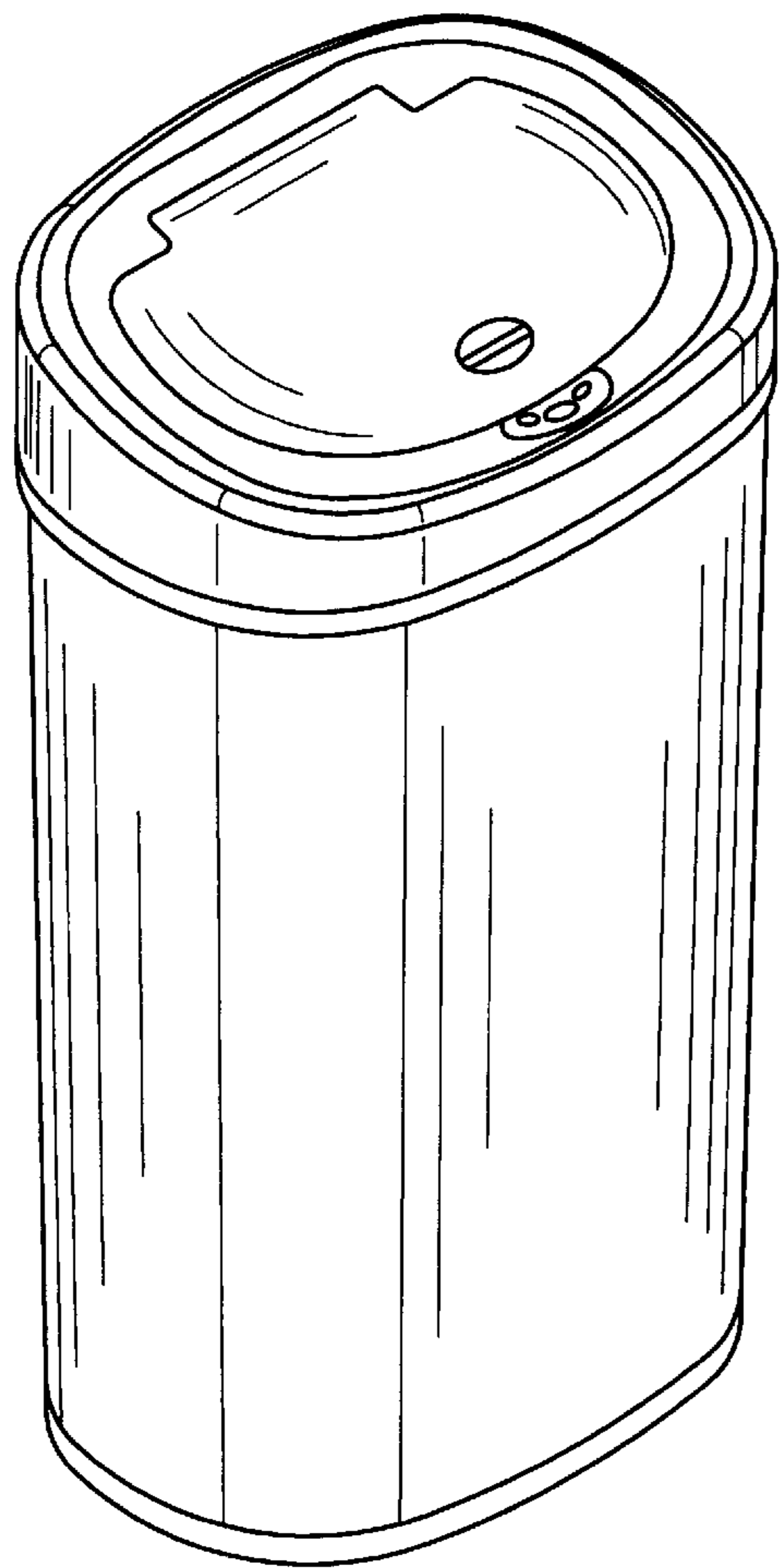
*FIG. 3*



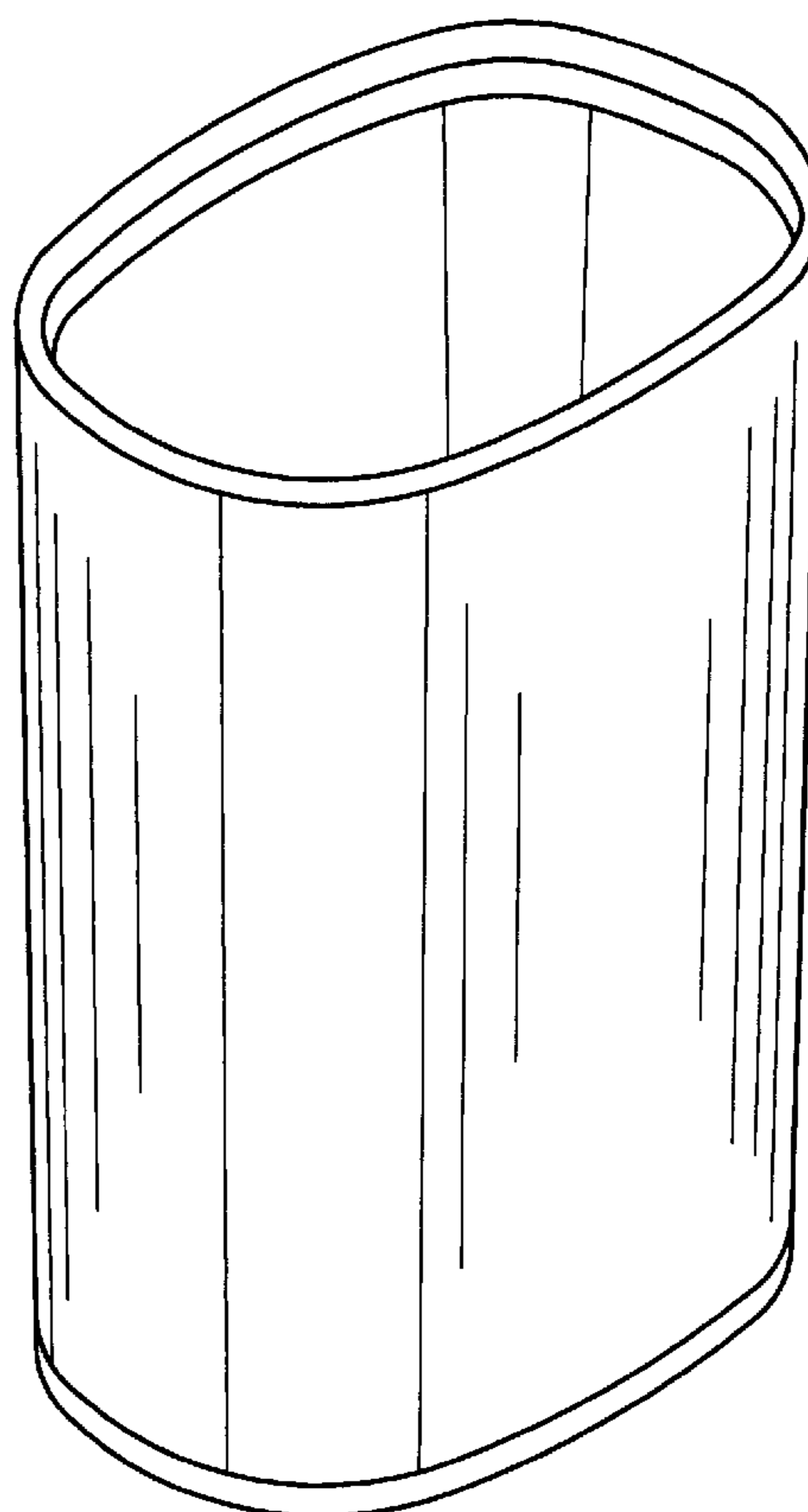
*FIG. 4*



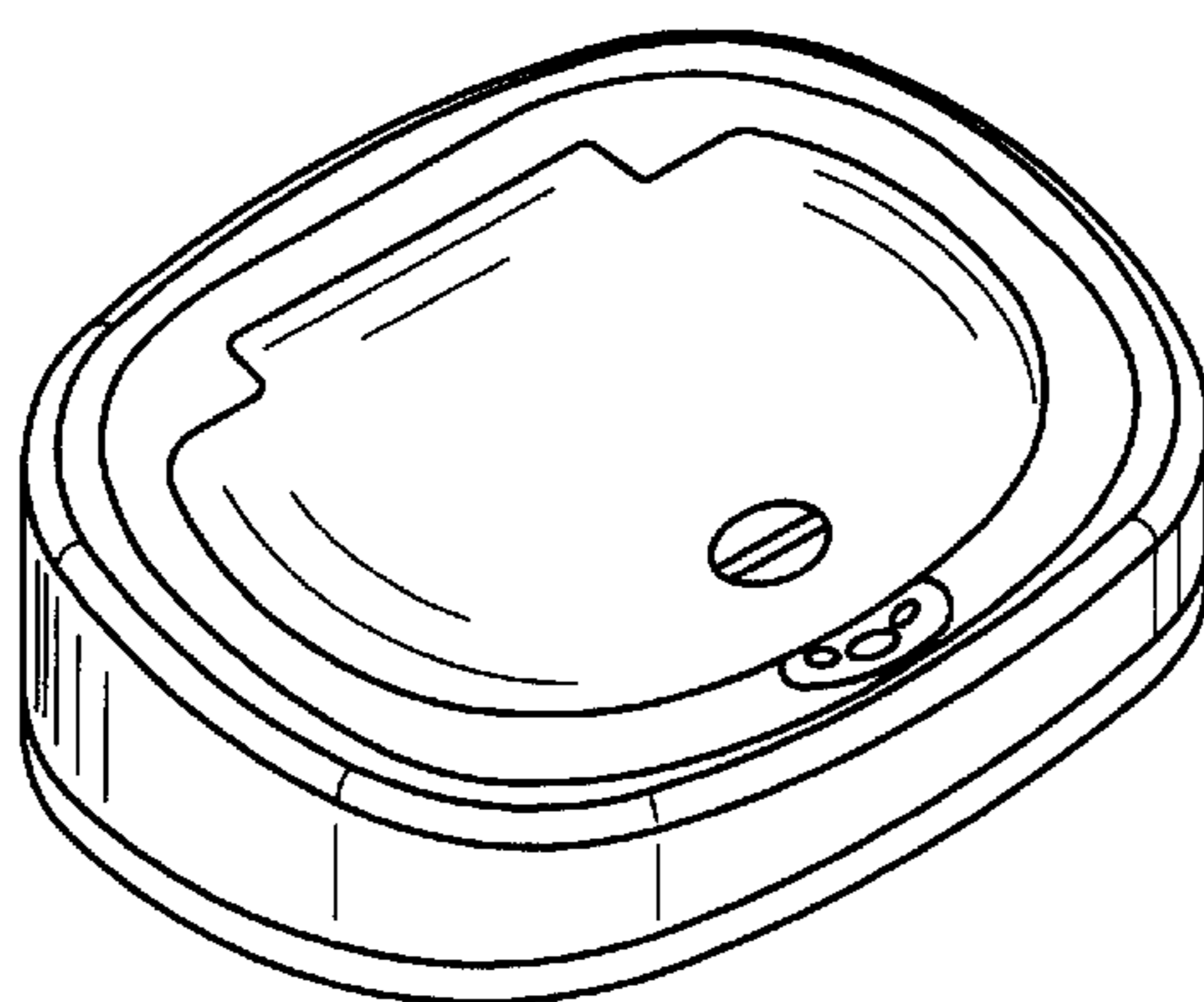
*FIG. 5*



*FIG. 6*



*FIG. 7*



*FIG. 8*