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

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(45) **Date of Patent:** **** Mar. 15, 2022**

(54) **CELL CULTURE HANGING INSERT**

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John Doyle, Burlington, MA (US)

(73) Assignee: **EMD Millipore Corporation**,
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(**) Term: **15 Years**

(21) Appl. No.: **29/755,024**

(22) Filed: **Oct. 16, 2020**

(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**
USPC D24/216, 219, 223–227, 231, 232, 233,
D24/234, 119, 121, 127, 129; D10/81
CPC C12M 25/04; C12M 23/06; C12M 23/10;
C12M 23/12; C12M 23/44; C12M 23/48;
C12M 35/08; B01L 2300/0609
See application file for complete search history.

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(Continued)

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Nields, Lemack &
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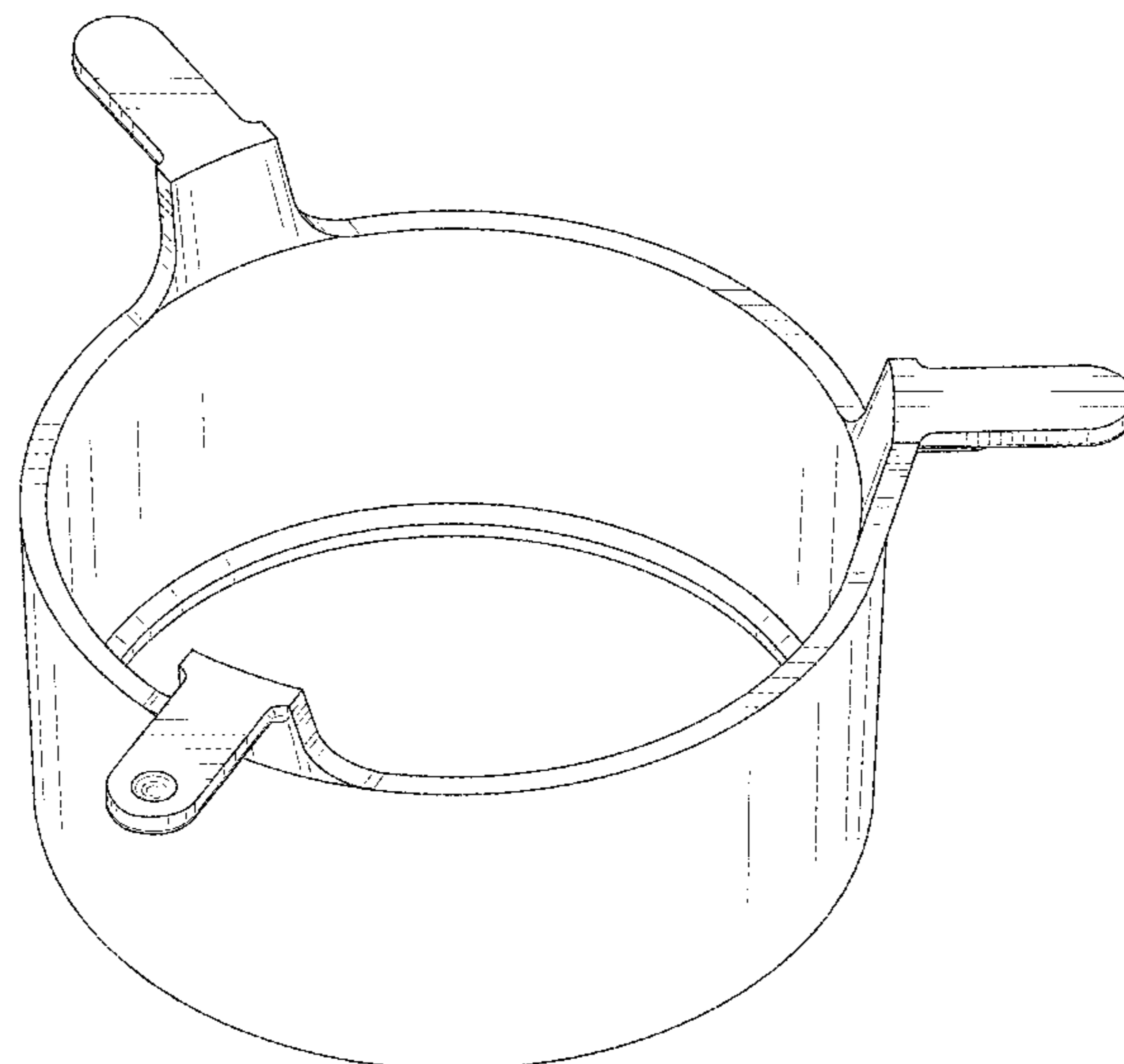
(57) **CLAIM**

The ornamental design for a cell culture hanging insert, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a cell culture hanging insert in accordance with a first embodiment; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; FIG. 8 is a bottom view thereof; FIG. 9 is a cross sectional view thereof taken along line 9-9 in FIG. 7; FIG. 10 is a top perspective view of a cell culture hanging insert in accordance with a second embodiment; FIG. 11 is a bottom perspective view thereof; FIG. 12 is a front view thereof; FIG. 13 is a rear view thereof; FIG. 14 is a left side view thereof; FIG. 15 is a right side view thereof; FIG. 16 is a top view thereof; FIG. 17 is a bottom view thereof; FIG. 18 is a cross sectional view thereof taken along line 18-18 in FIG. 16; FIG. 19 is a top perspective view of a cell culture hanging insert in accordance with a third embodiment; FIG. 20 is a bottom perspective view thereof; FIG. 21 is a front view thereof; FIG. 22 is a rear view thereof; FIG. 23 is a left side view thereof; FIG. 24 is a right side view thereof; FIG. 25 is a top view thereof; FIG. 26 is a bottom view thereof; and, FIG. 27 is a cross sectional view thereof taken along line 27-27 in FIG. 25.

1 Claim, 23 Drawing Sheets



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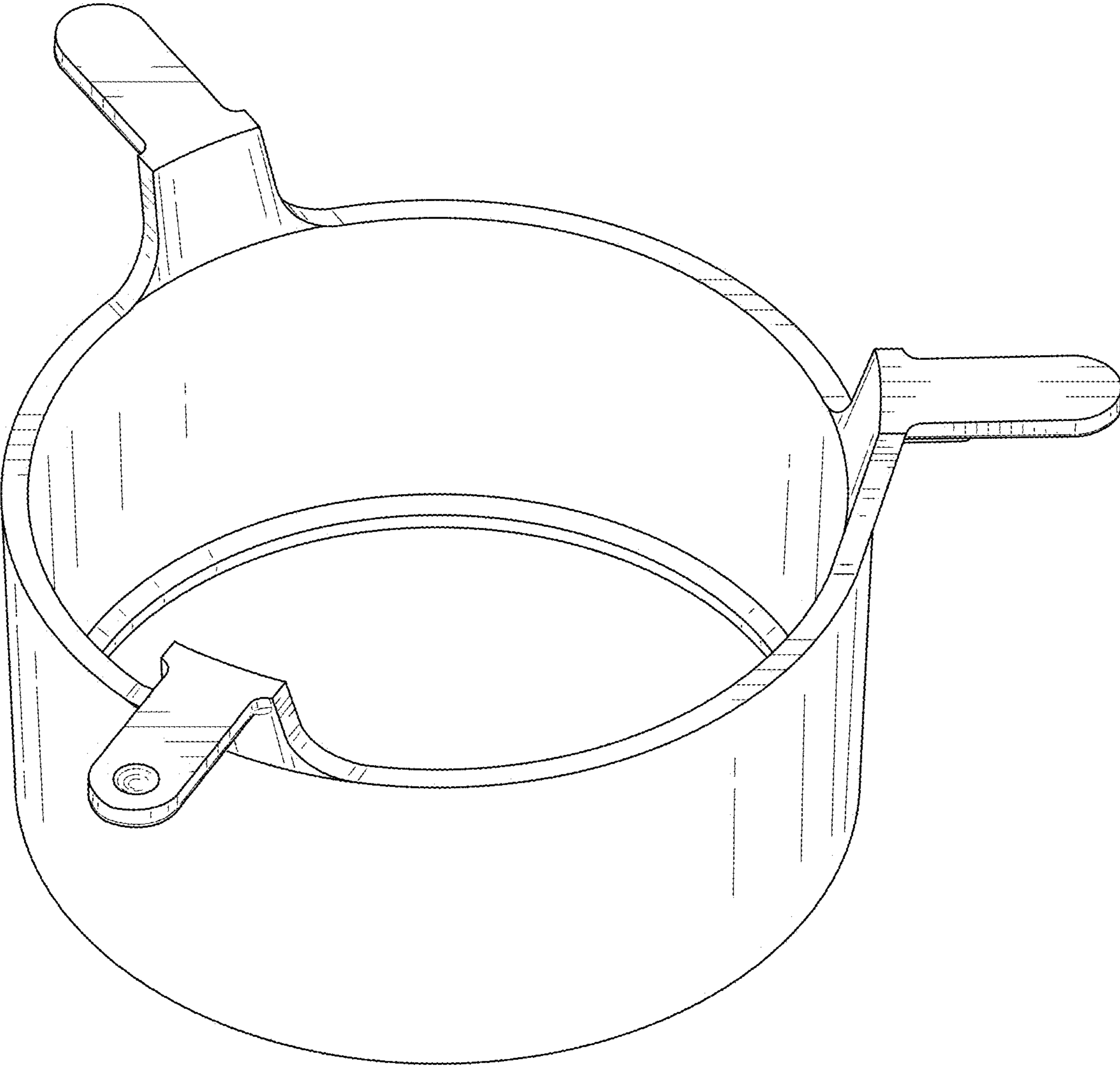


FIG. 1

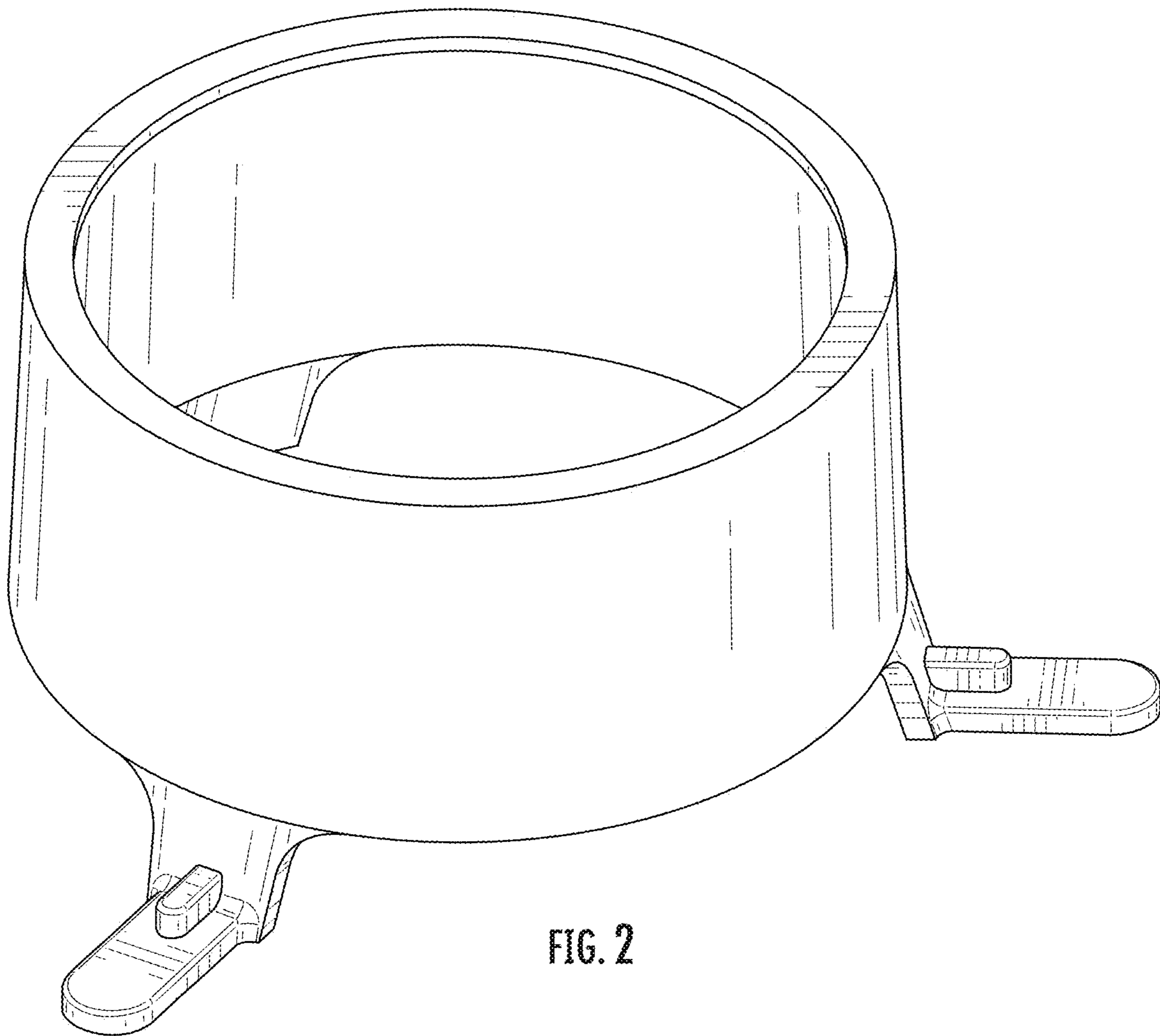


FIG. 2

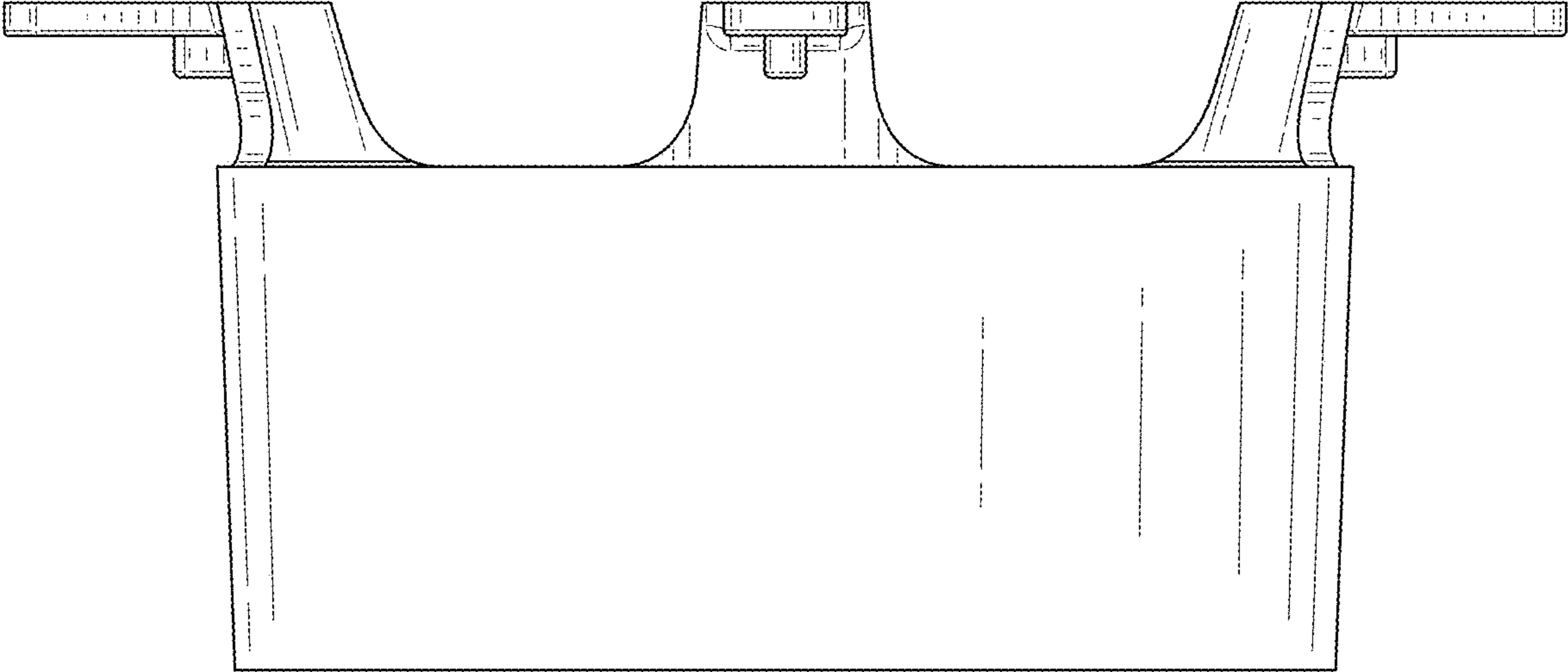


FIG. 3

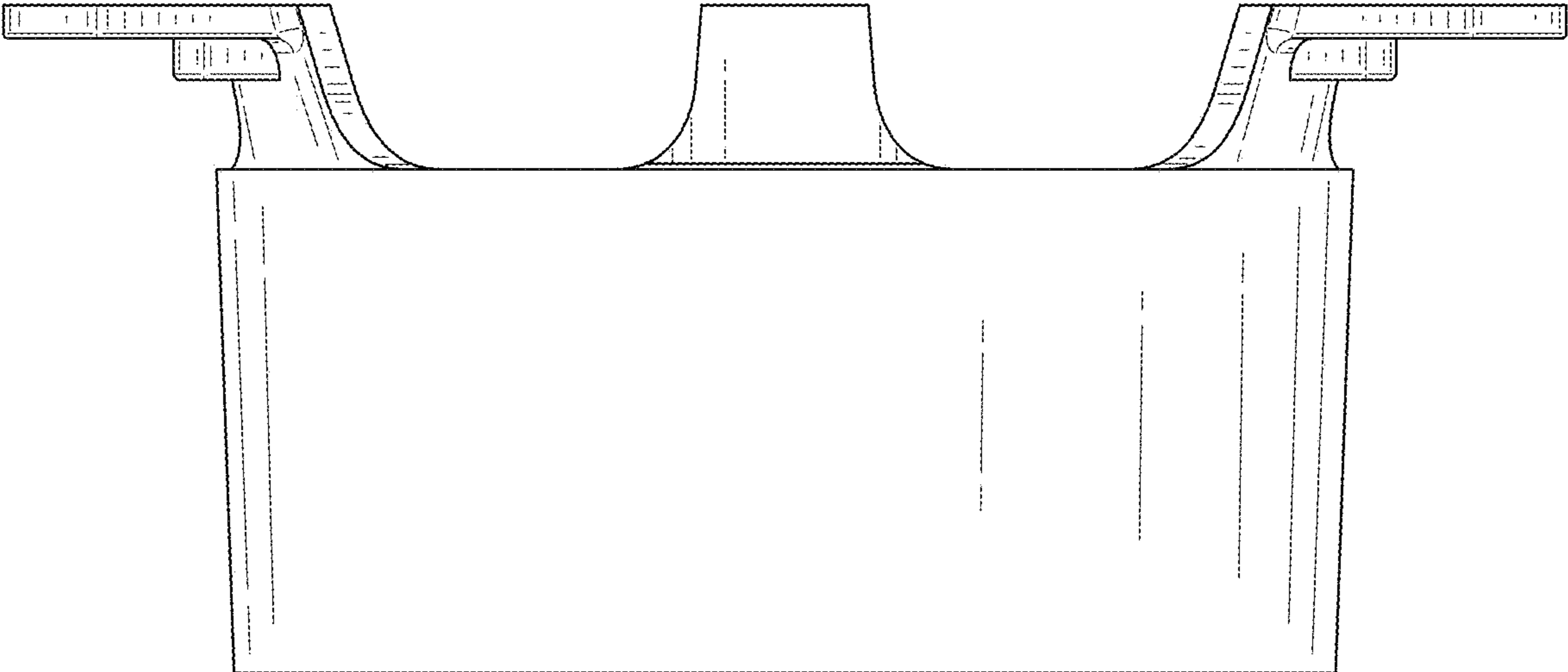


FIG. 4

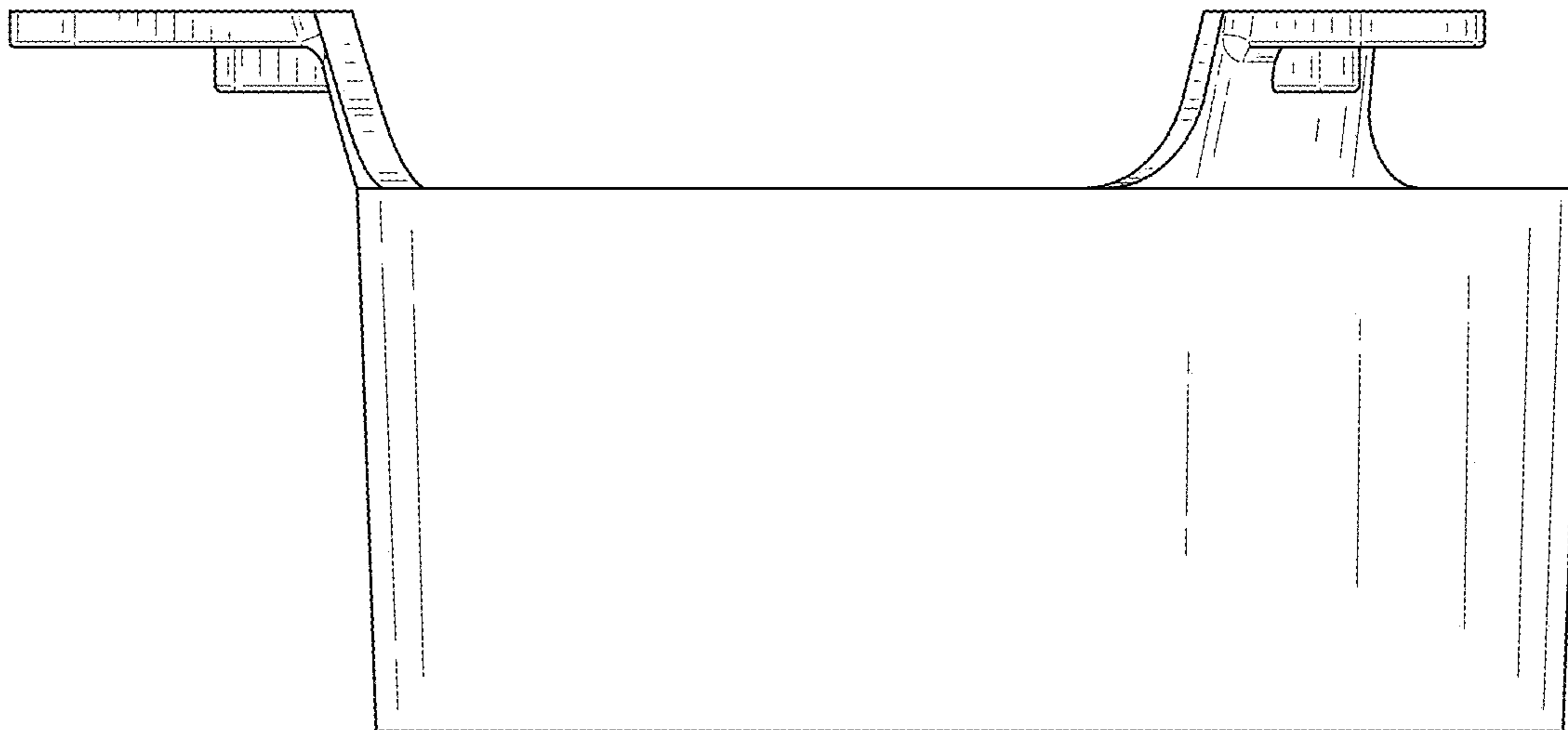


FIG. 5

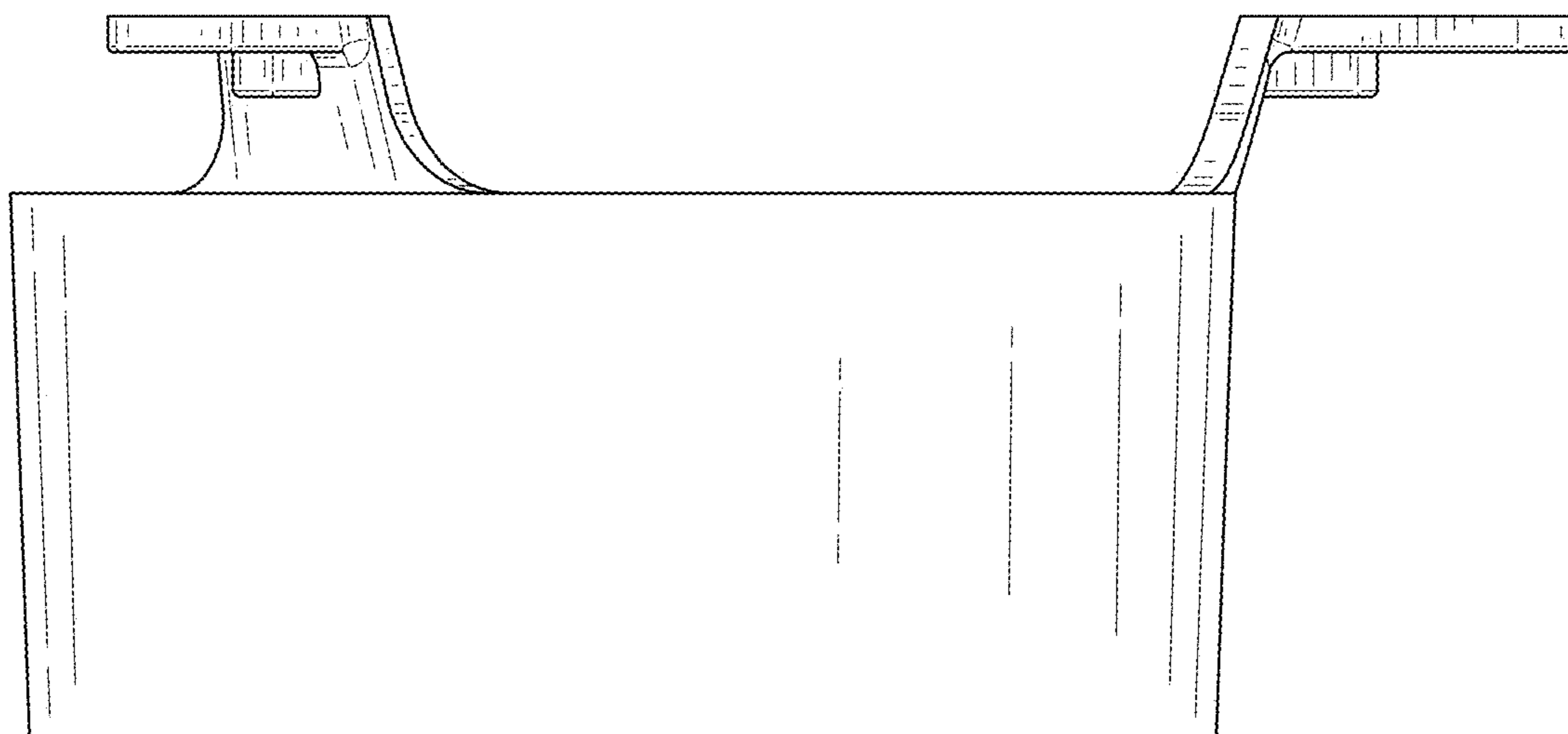


FIG. 6

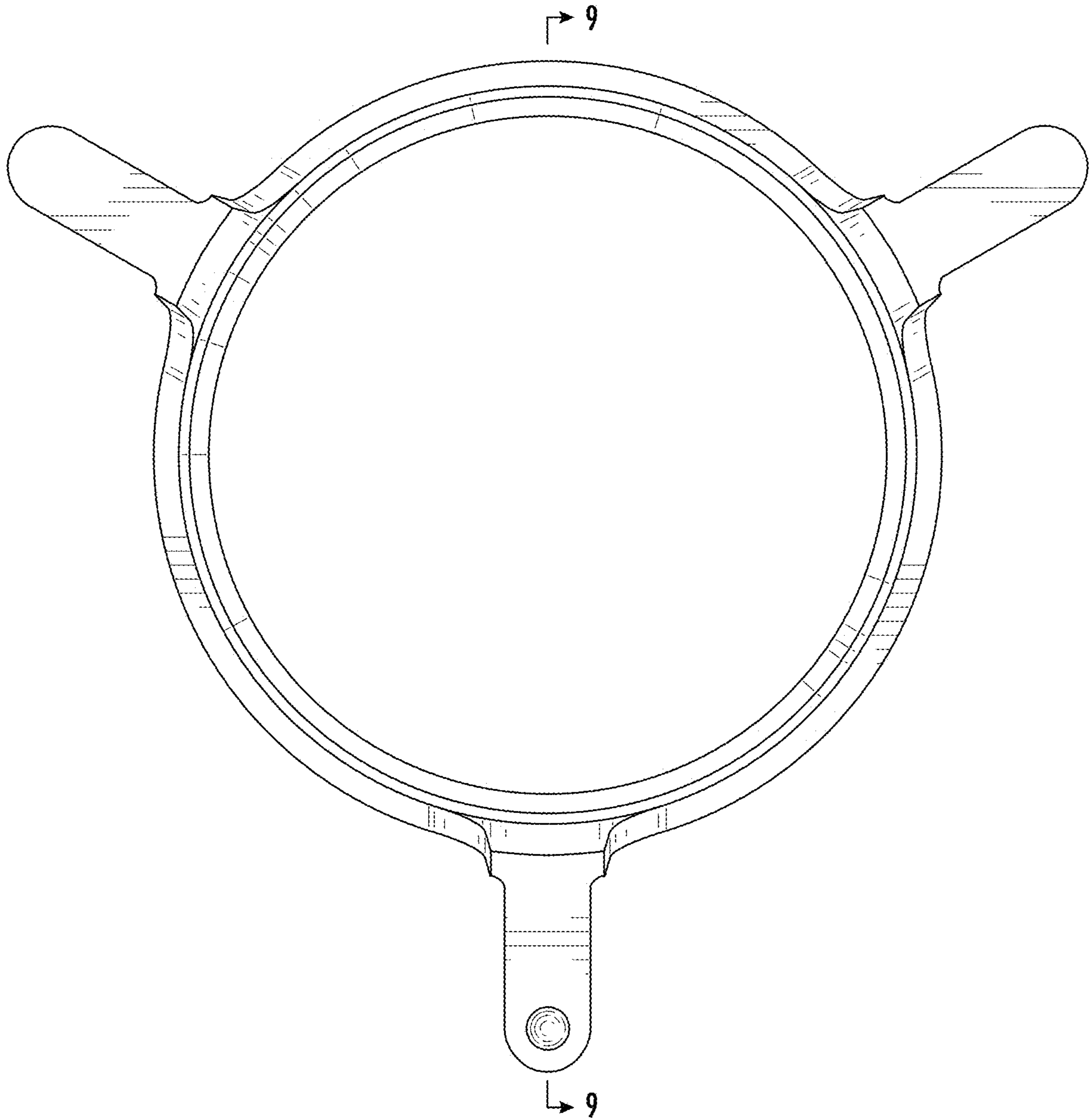


FIG. 7

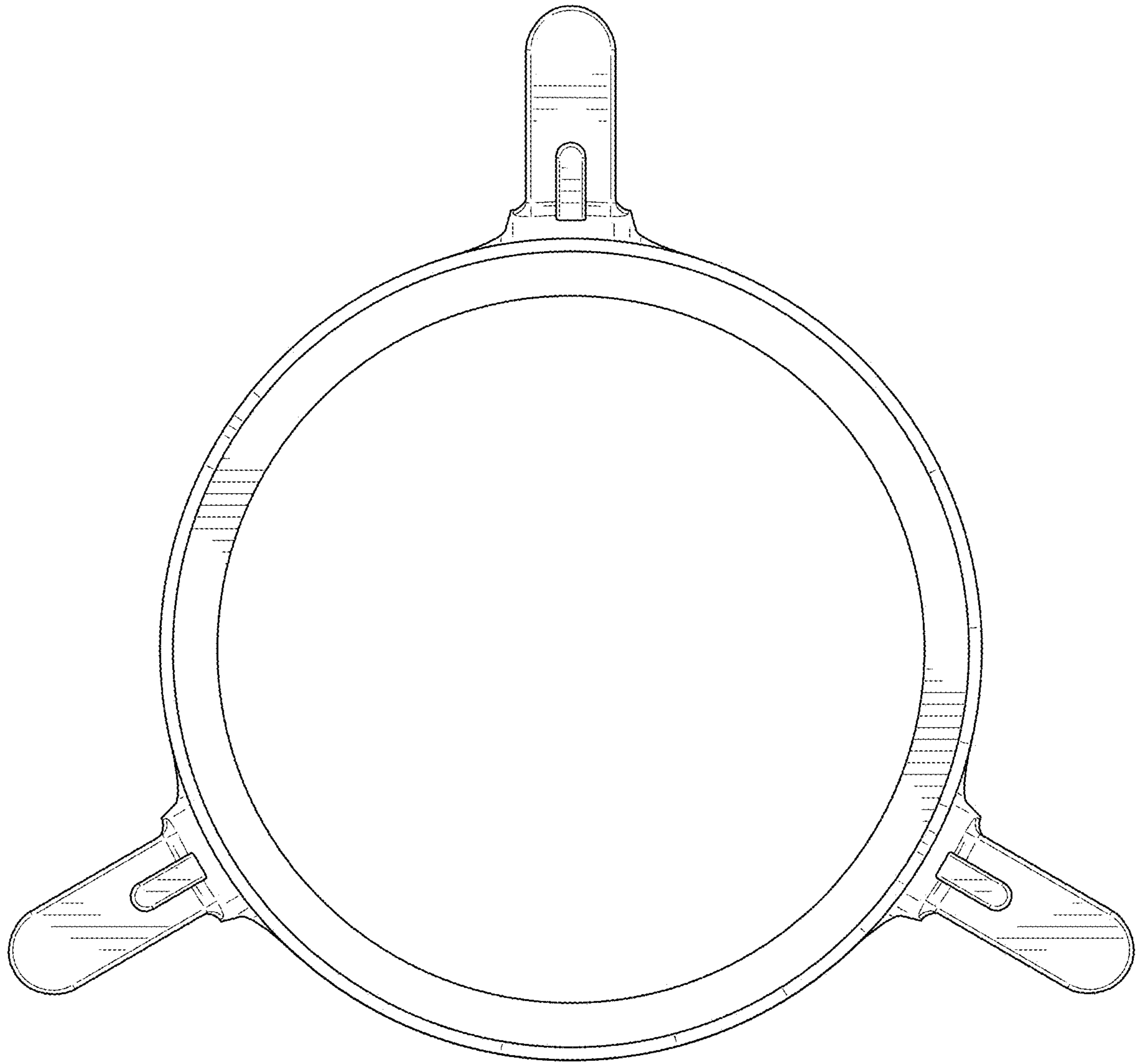


FIG. 8

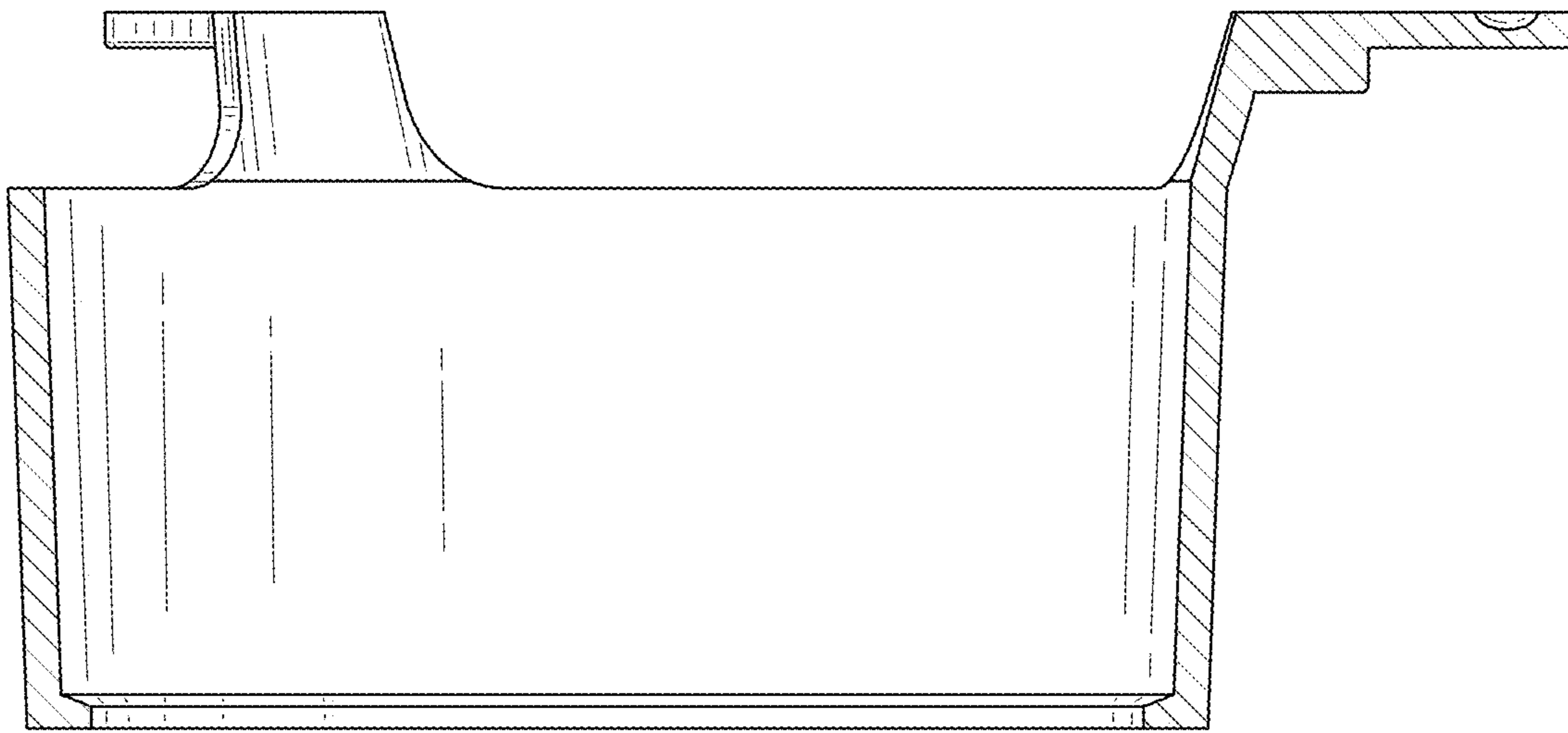


FIG. 9

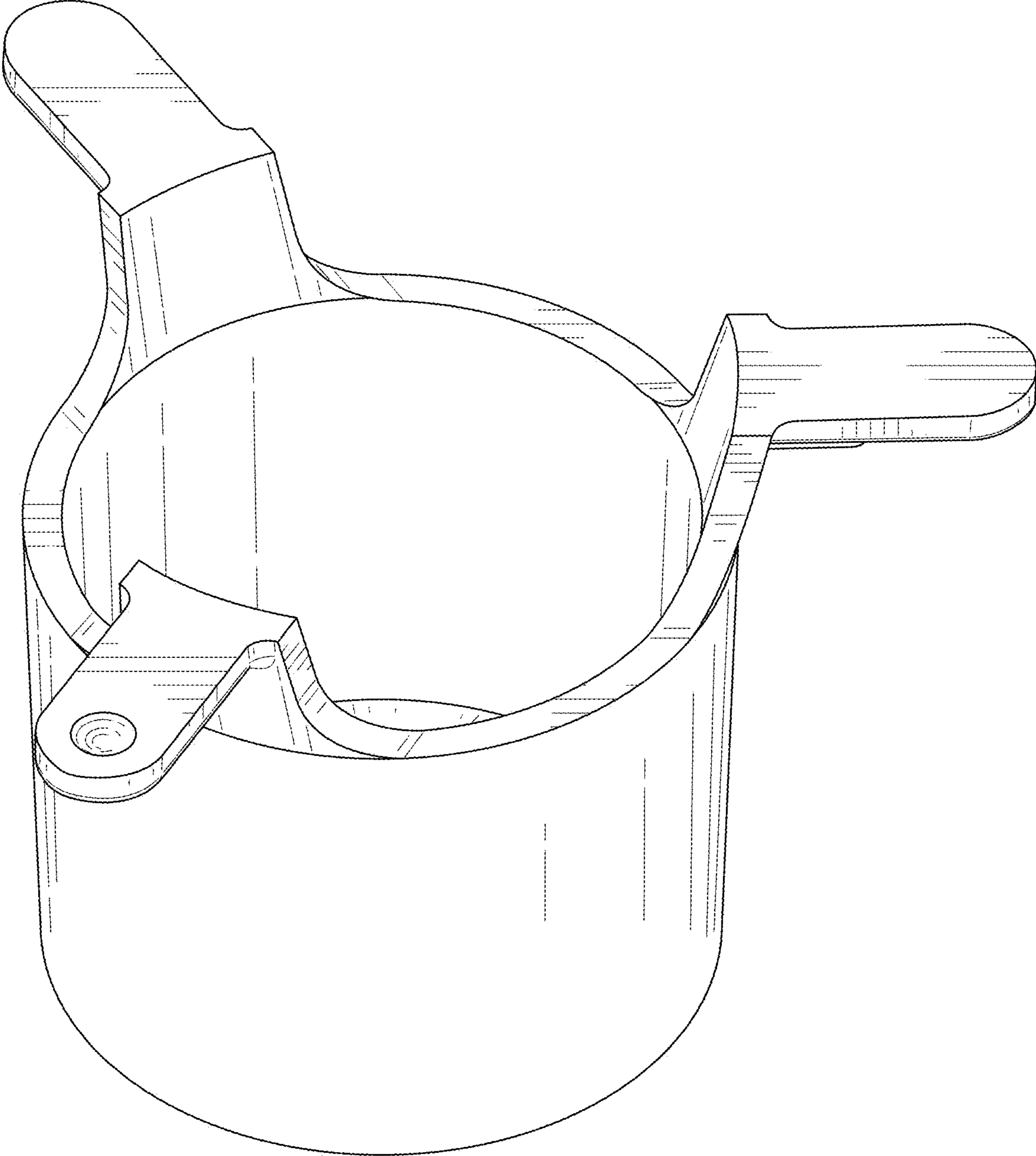


FIG. 10

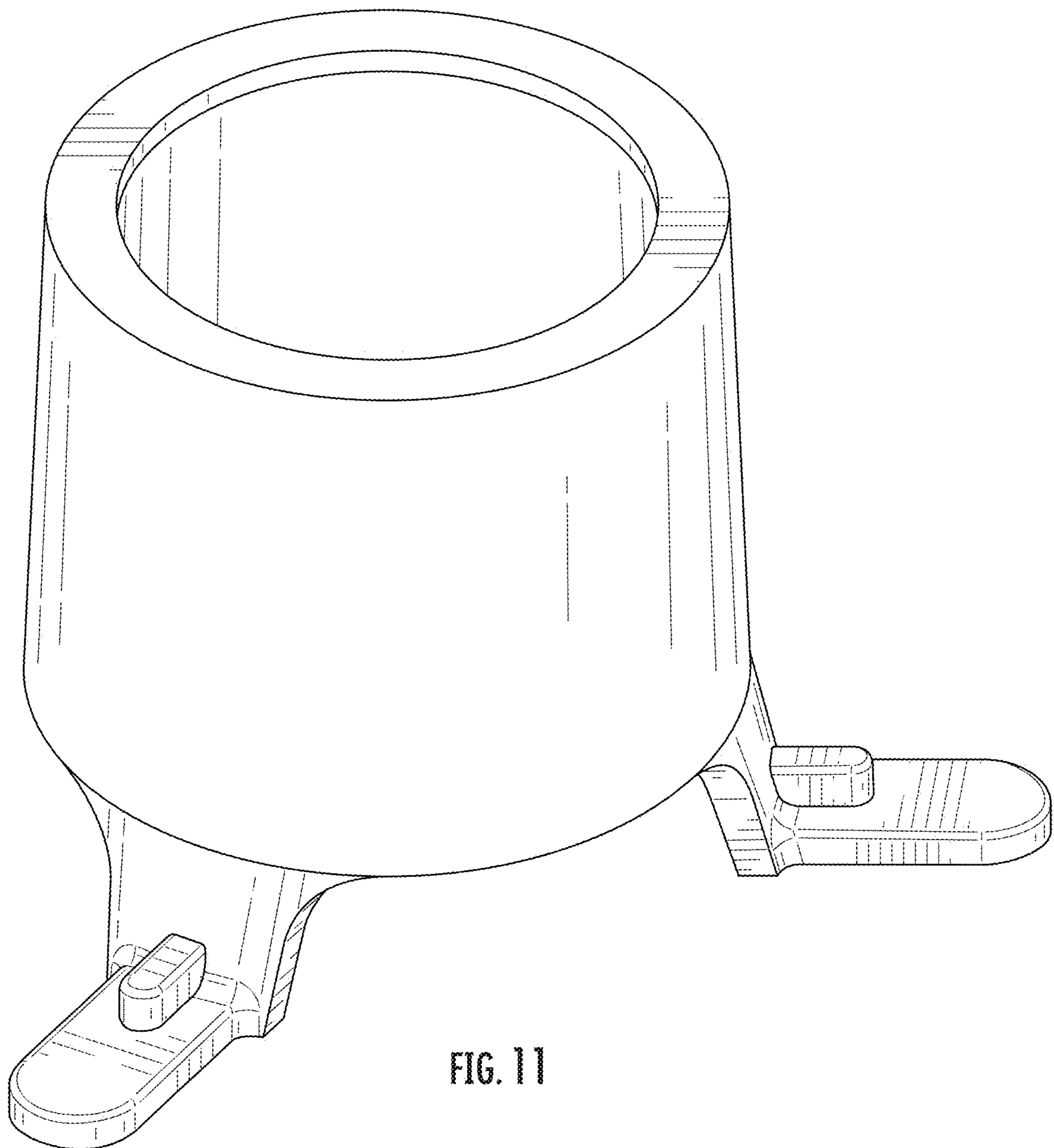


FIG. 11

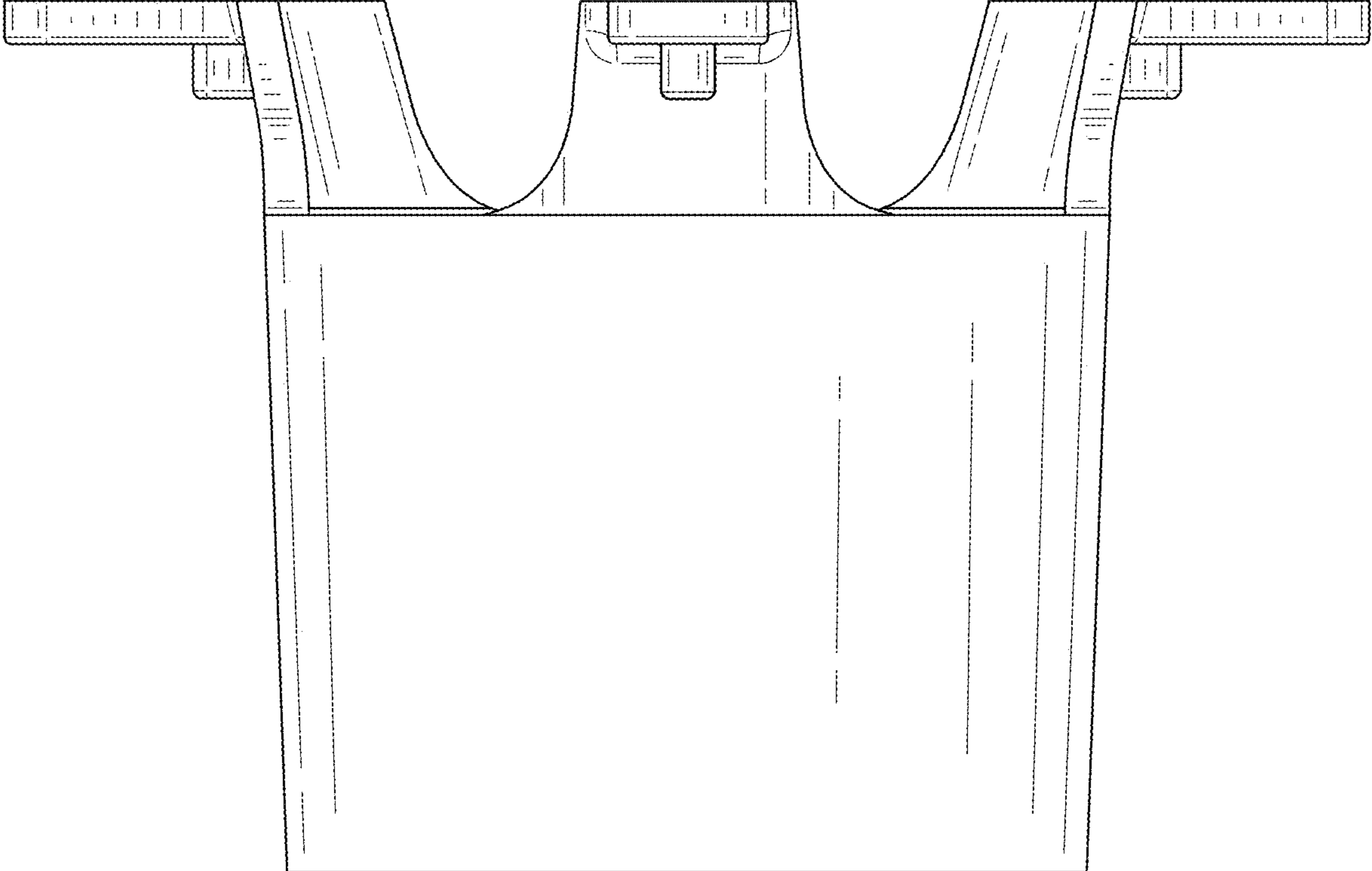


FIG. 12

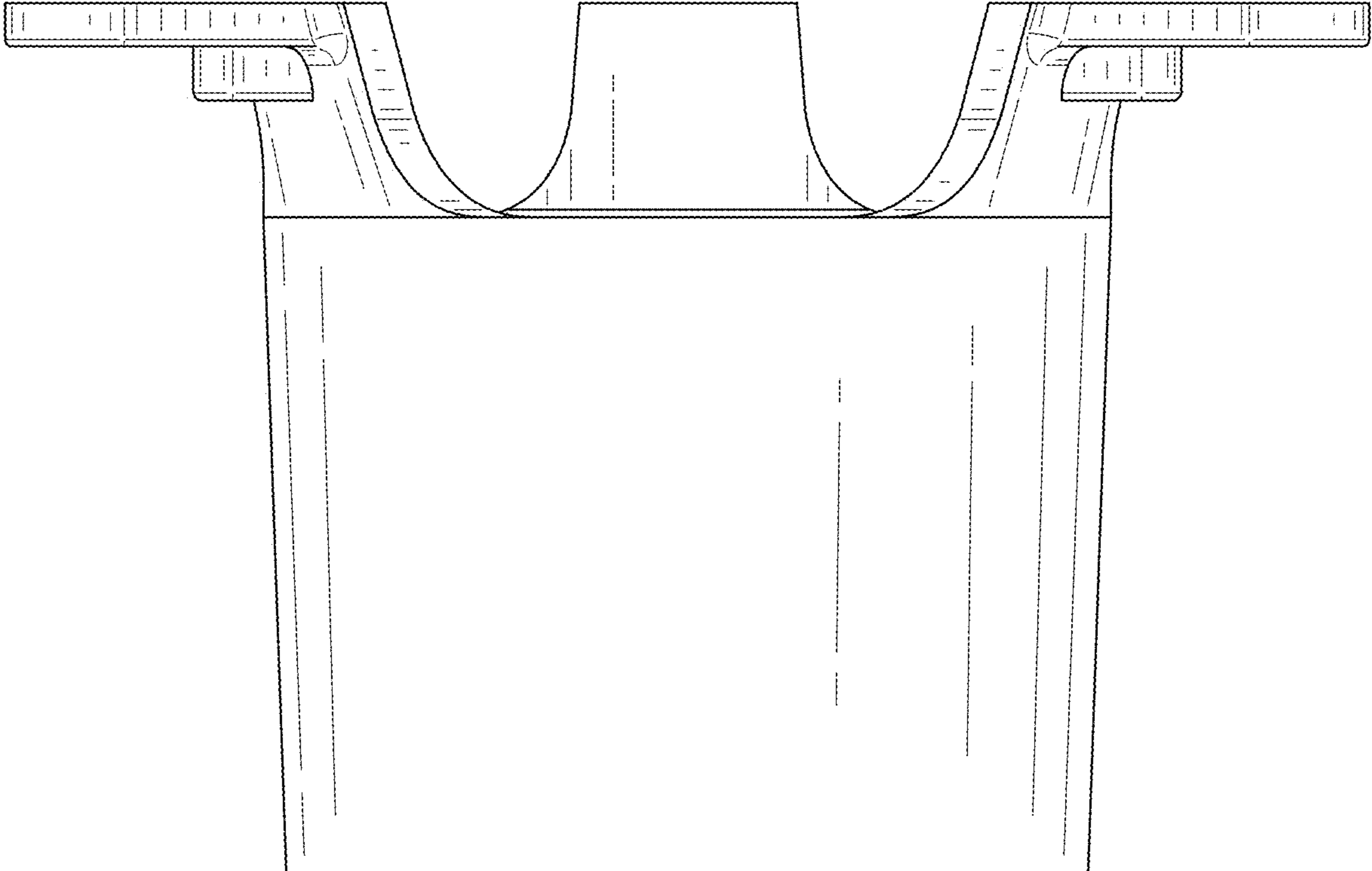


FIG. 13

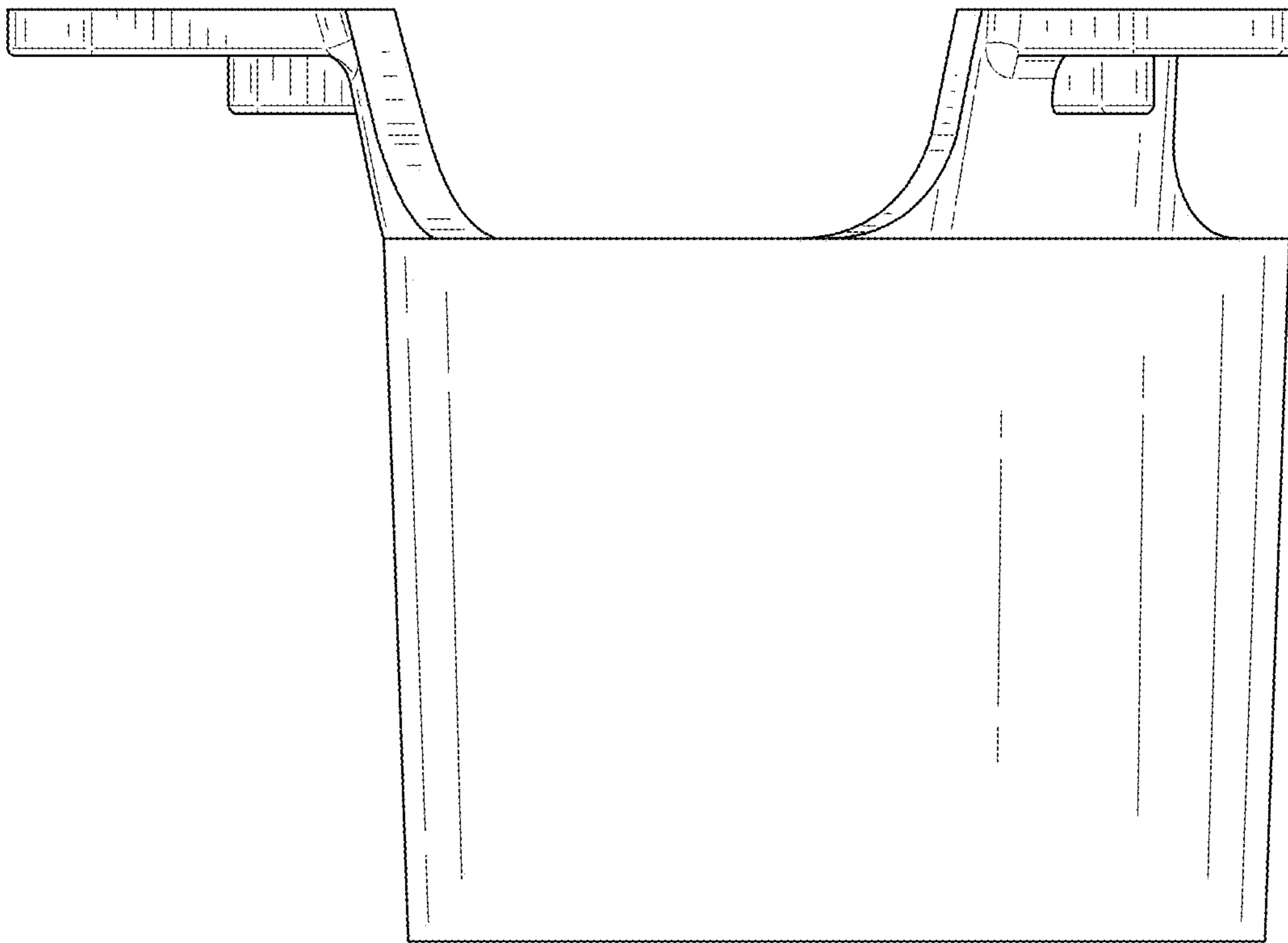


FIG. 14

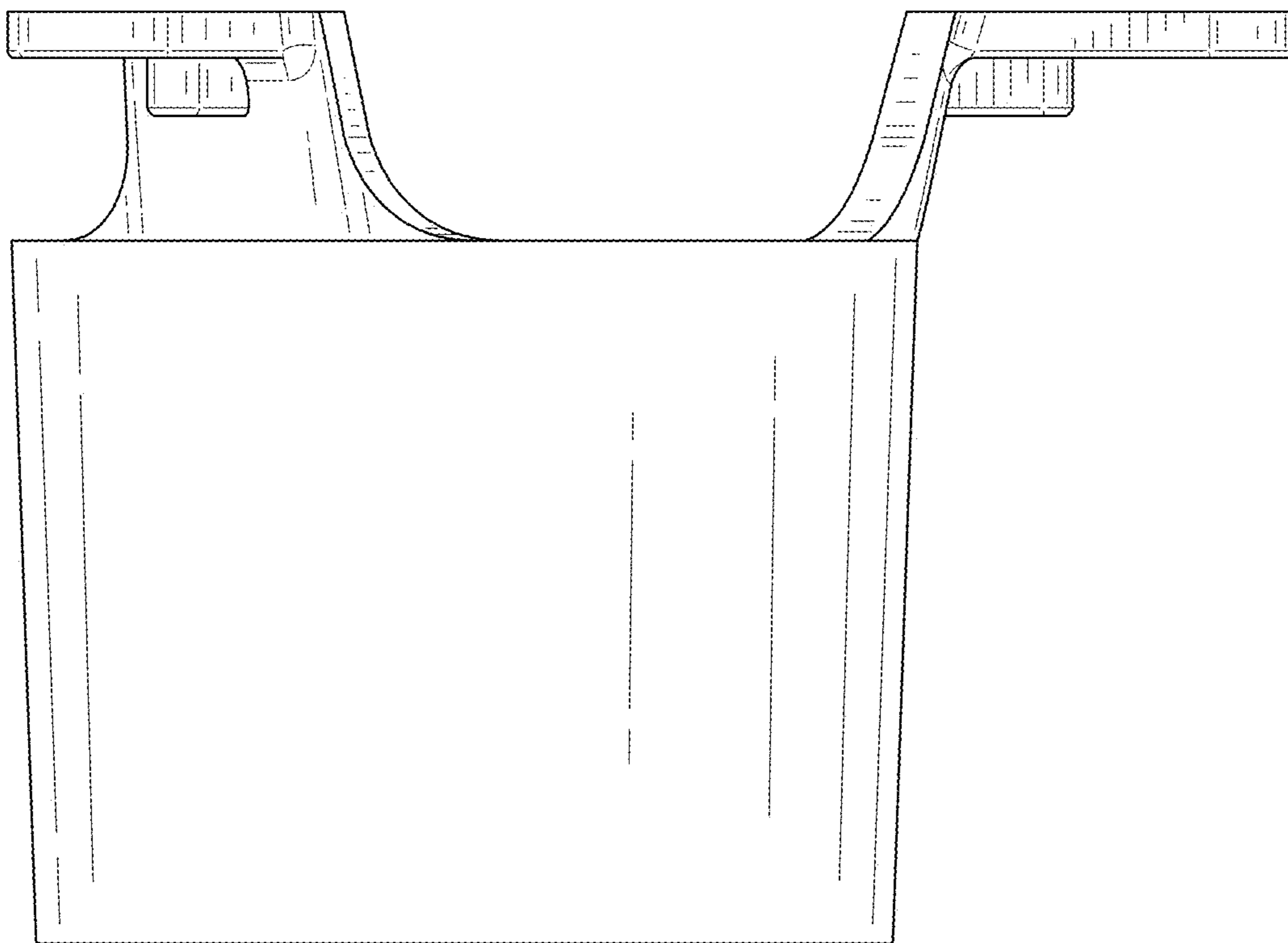


FIG. 15

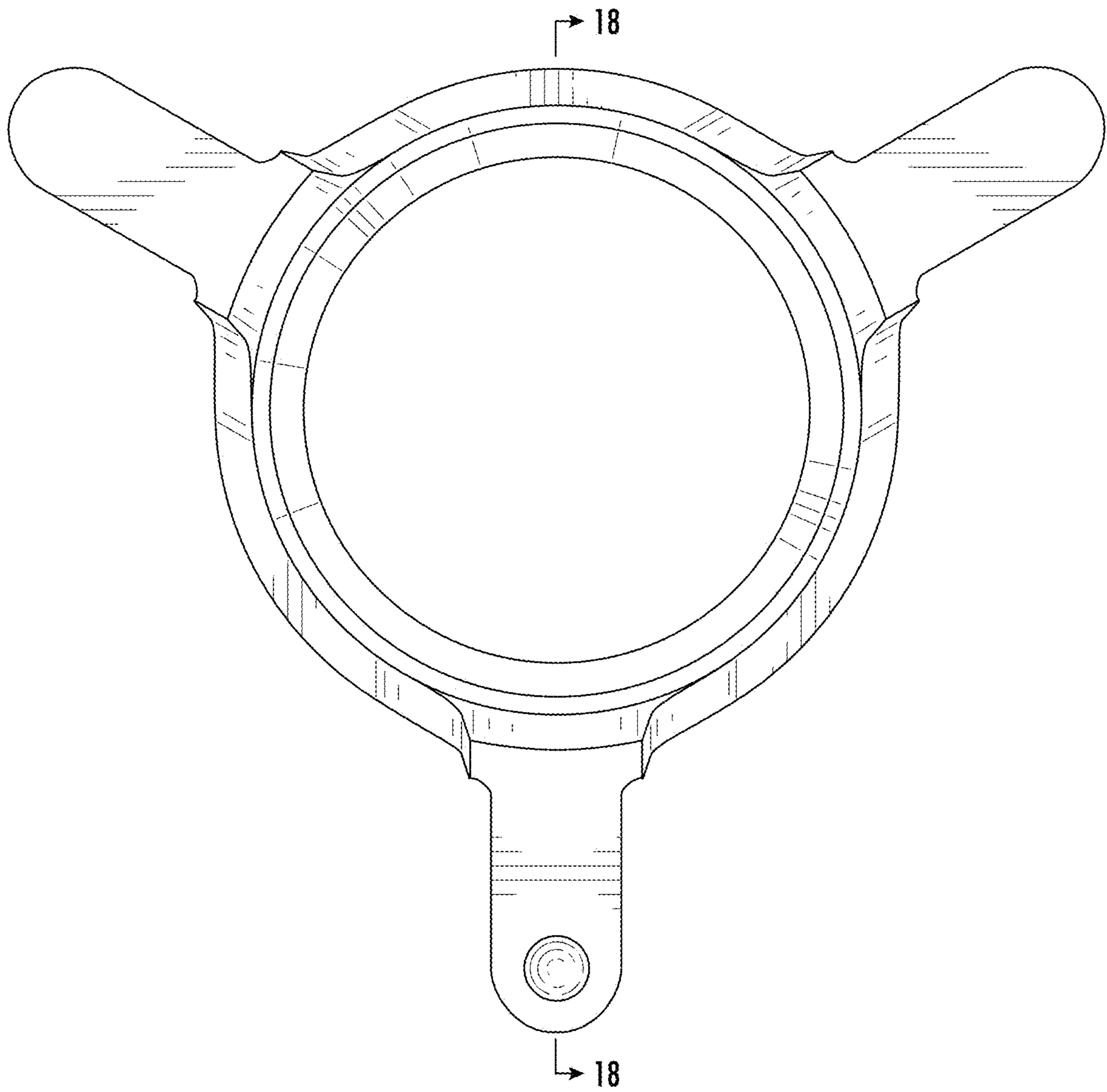


FIG. 16

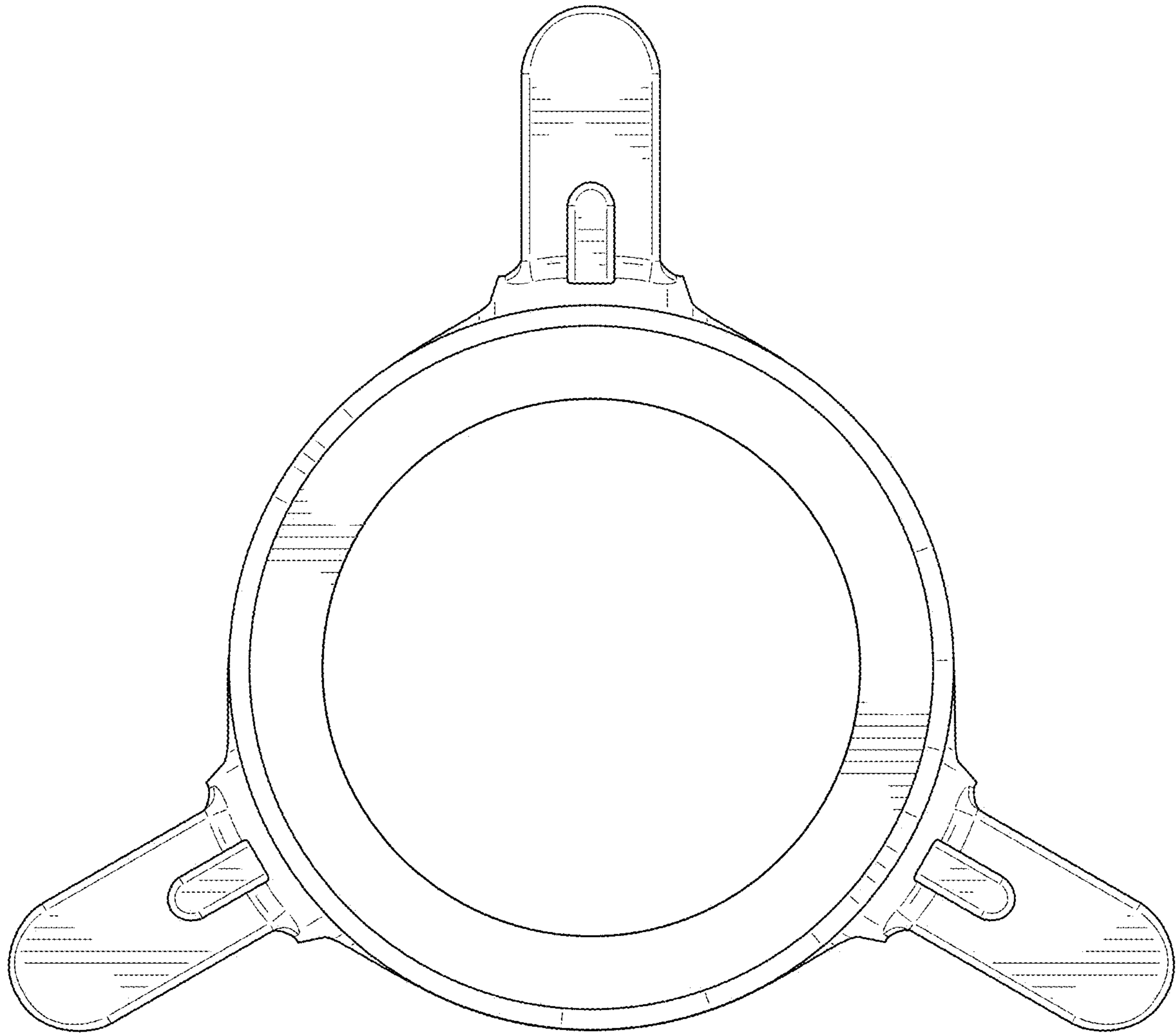


FIG. 17

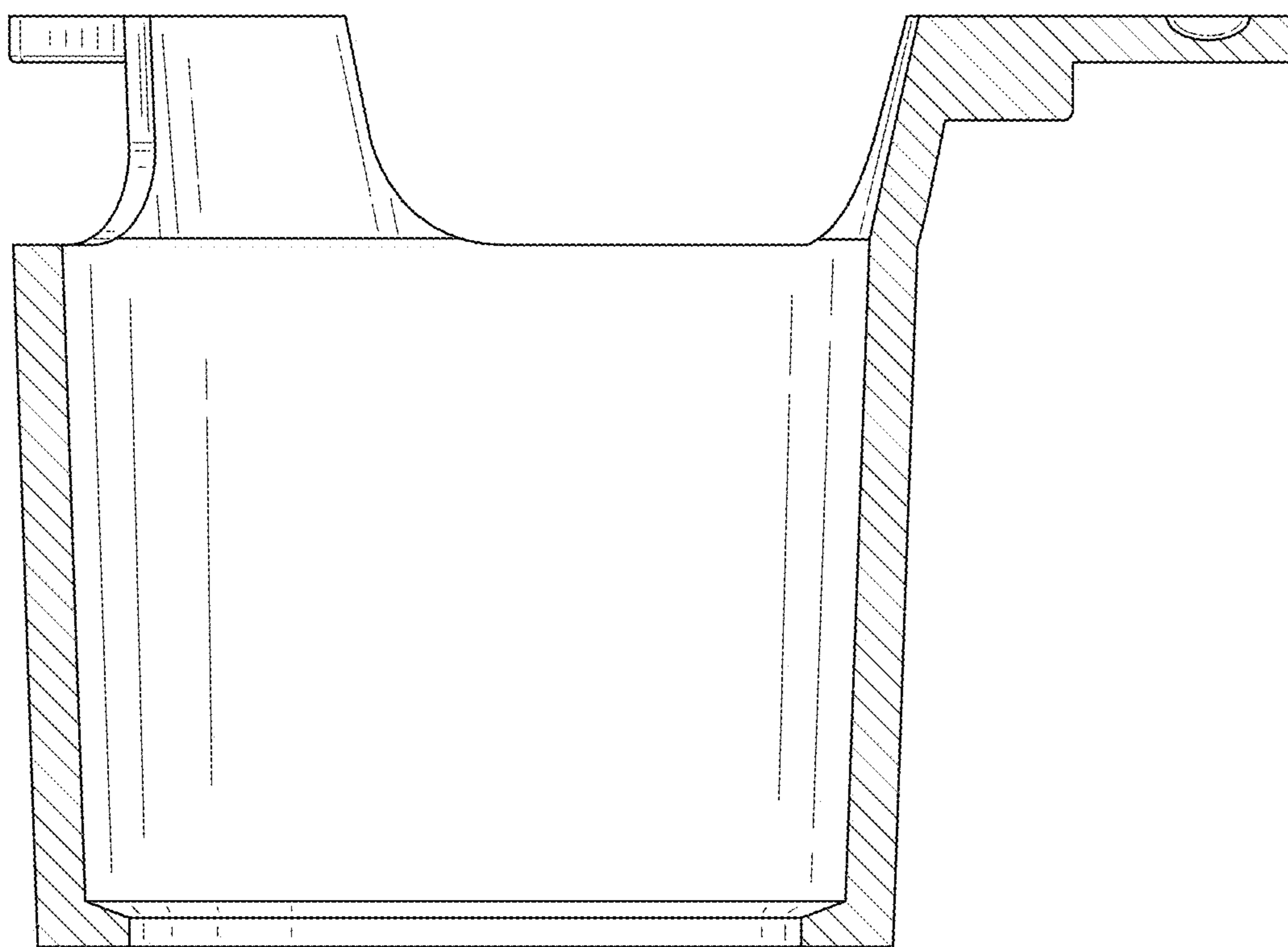


FIG. 18

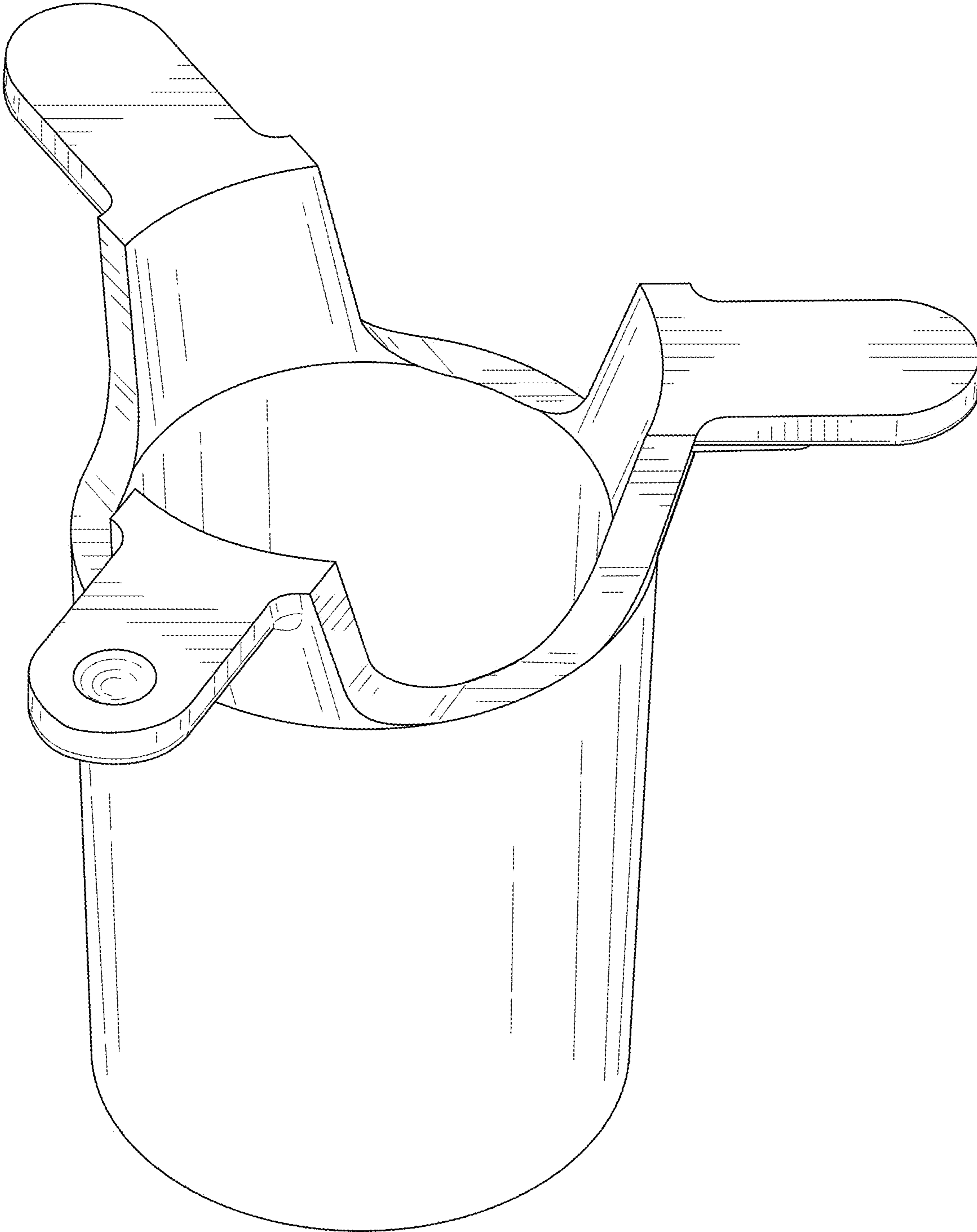


FIG. 19

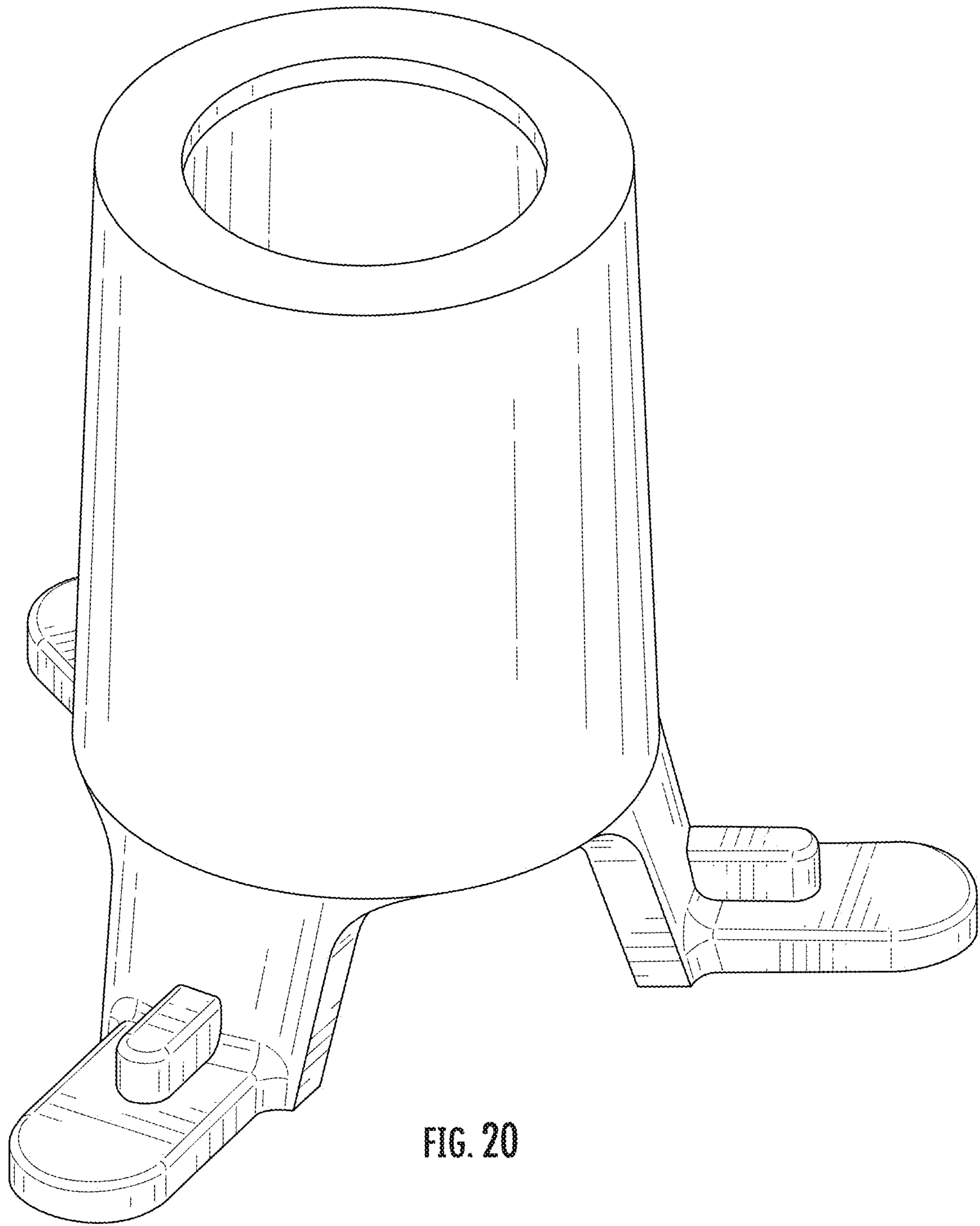


FIG. 20

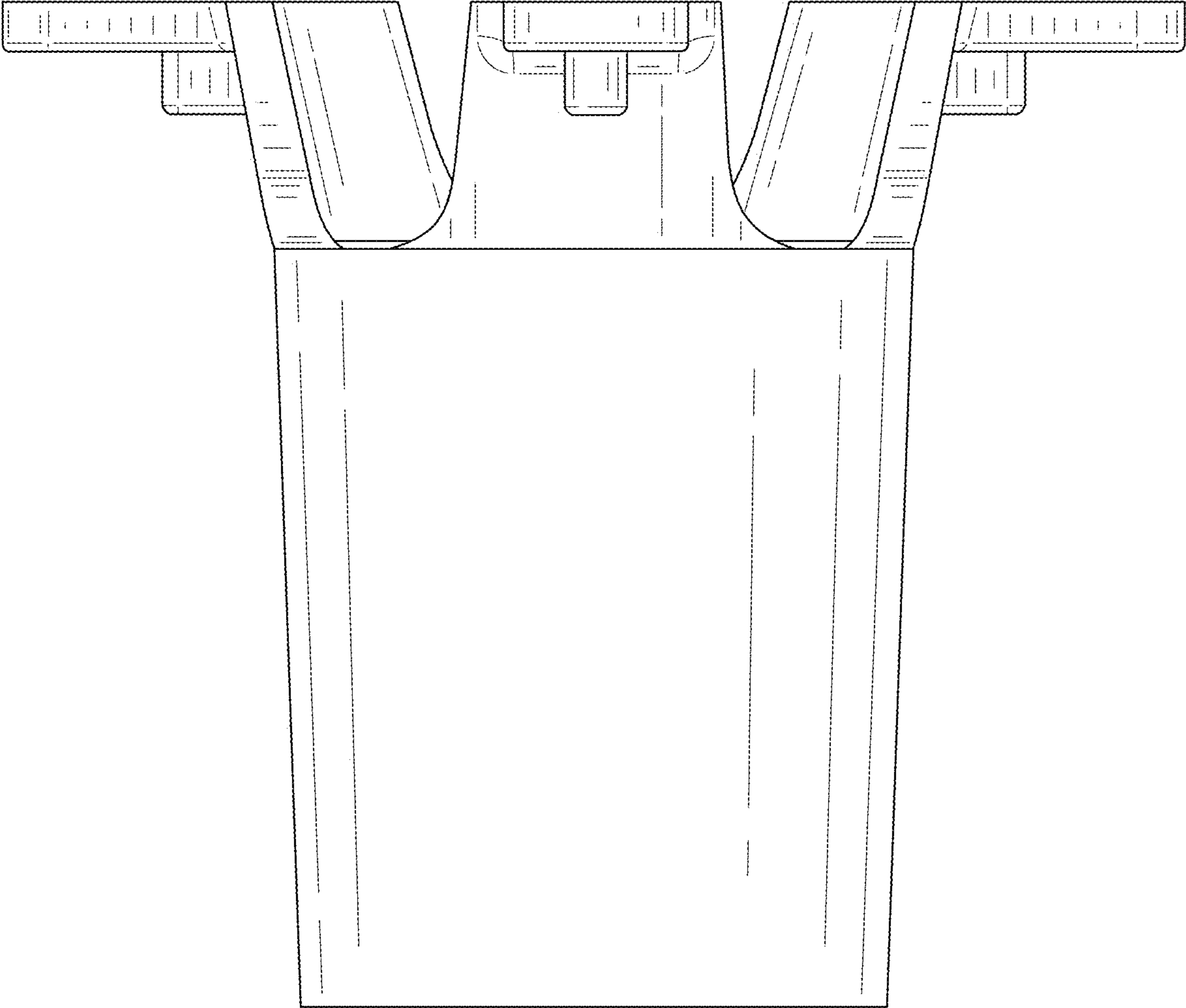


FIG. 21

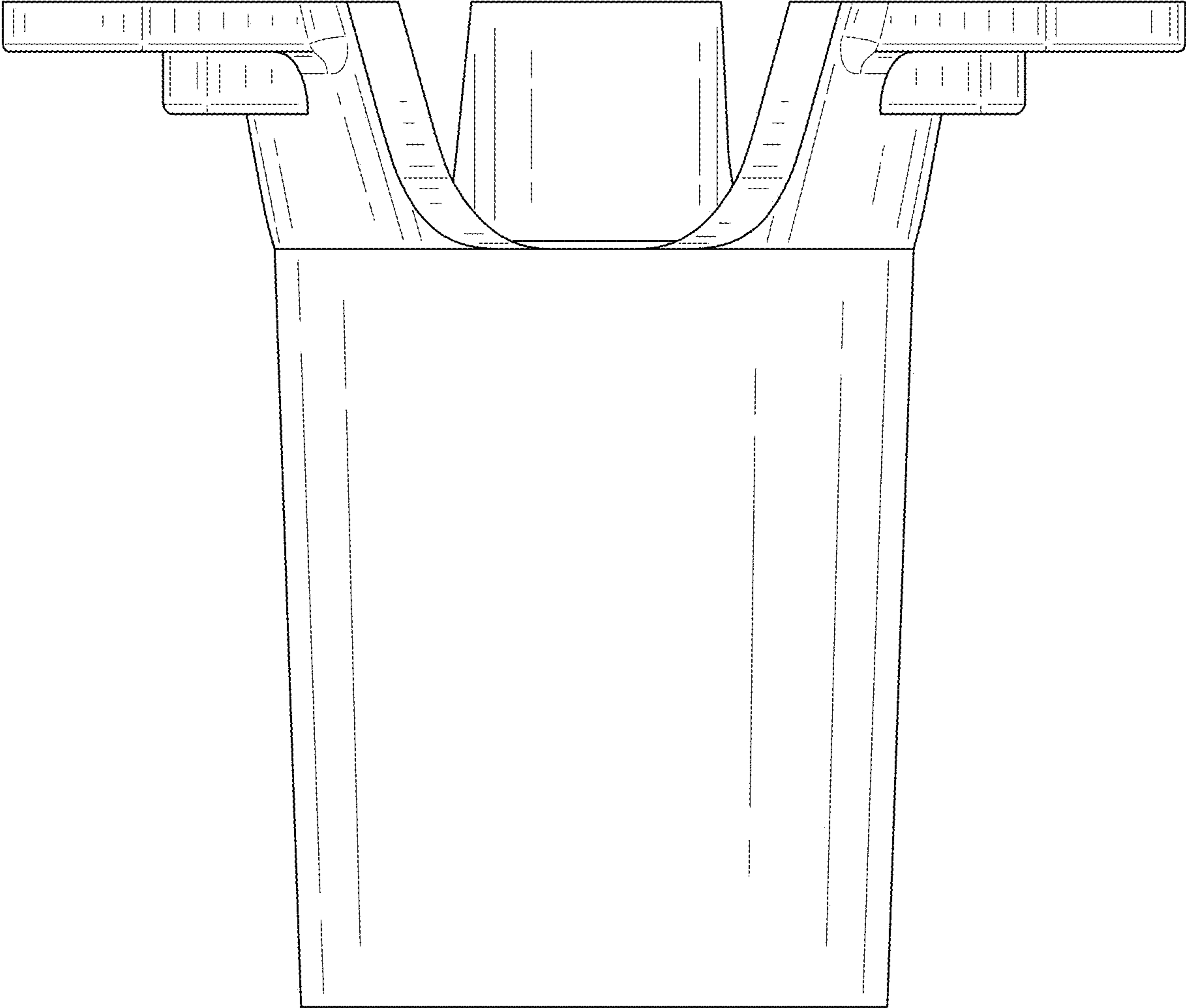


FIG. 22

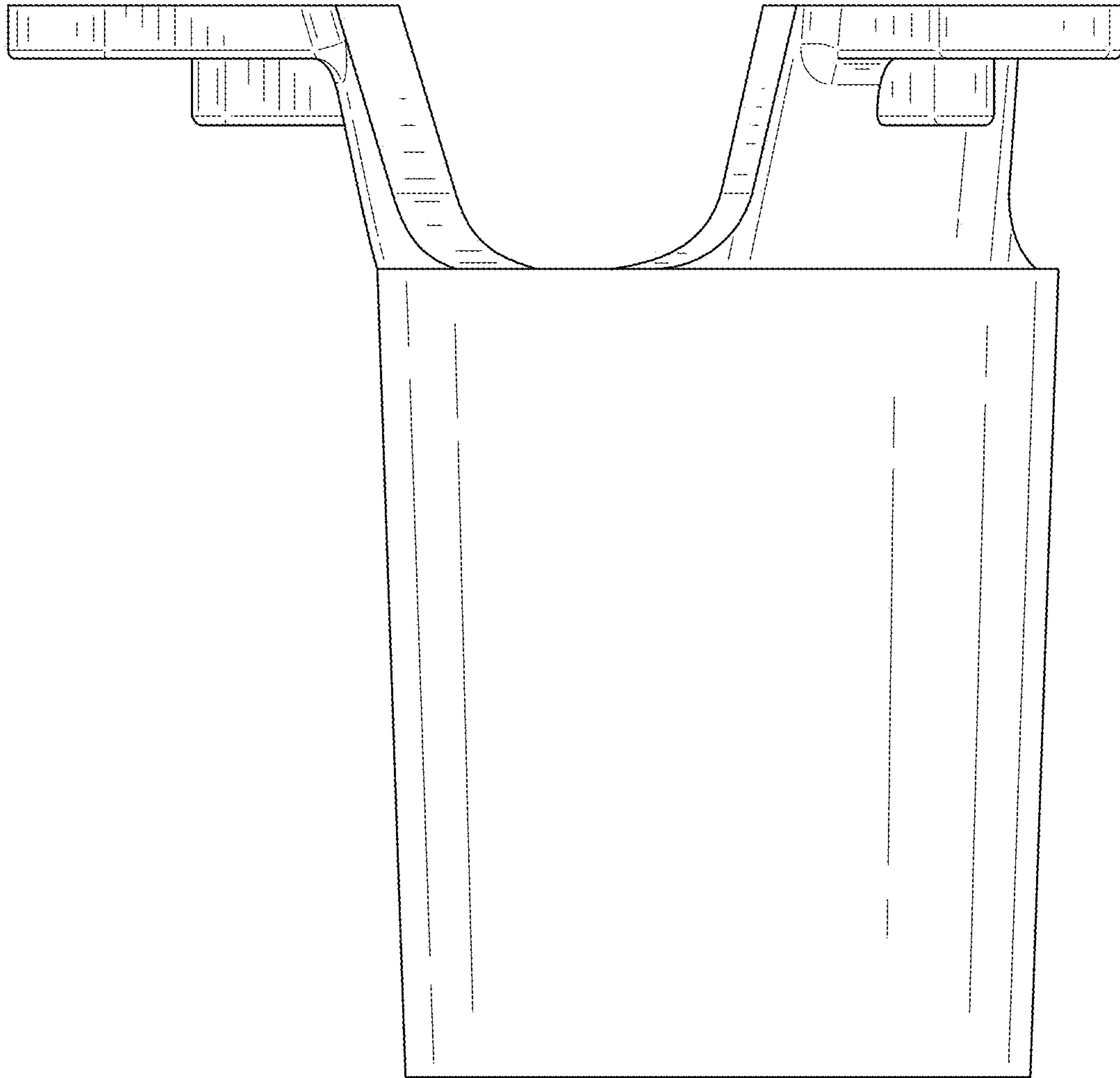


FIG. 23

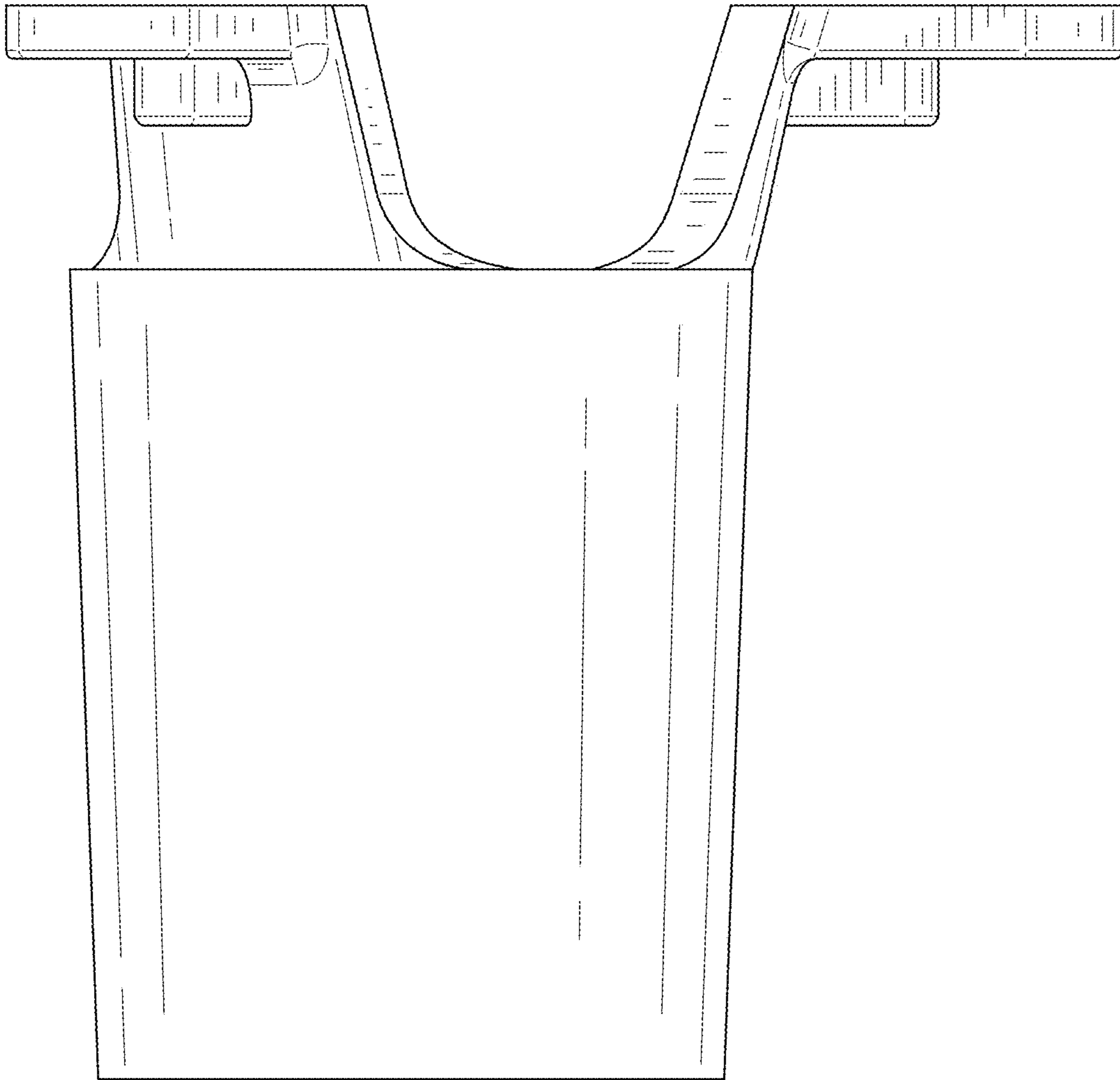


FIG. 24

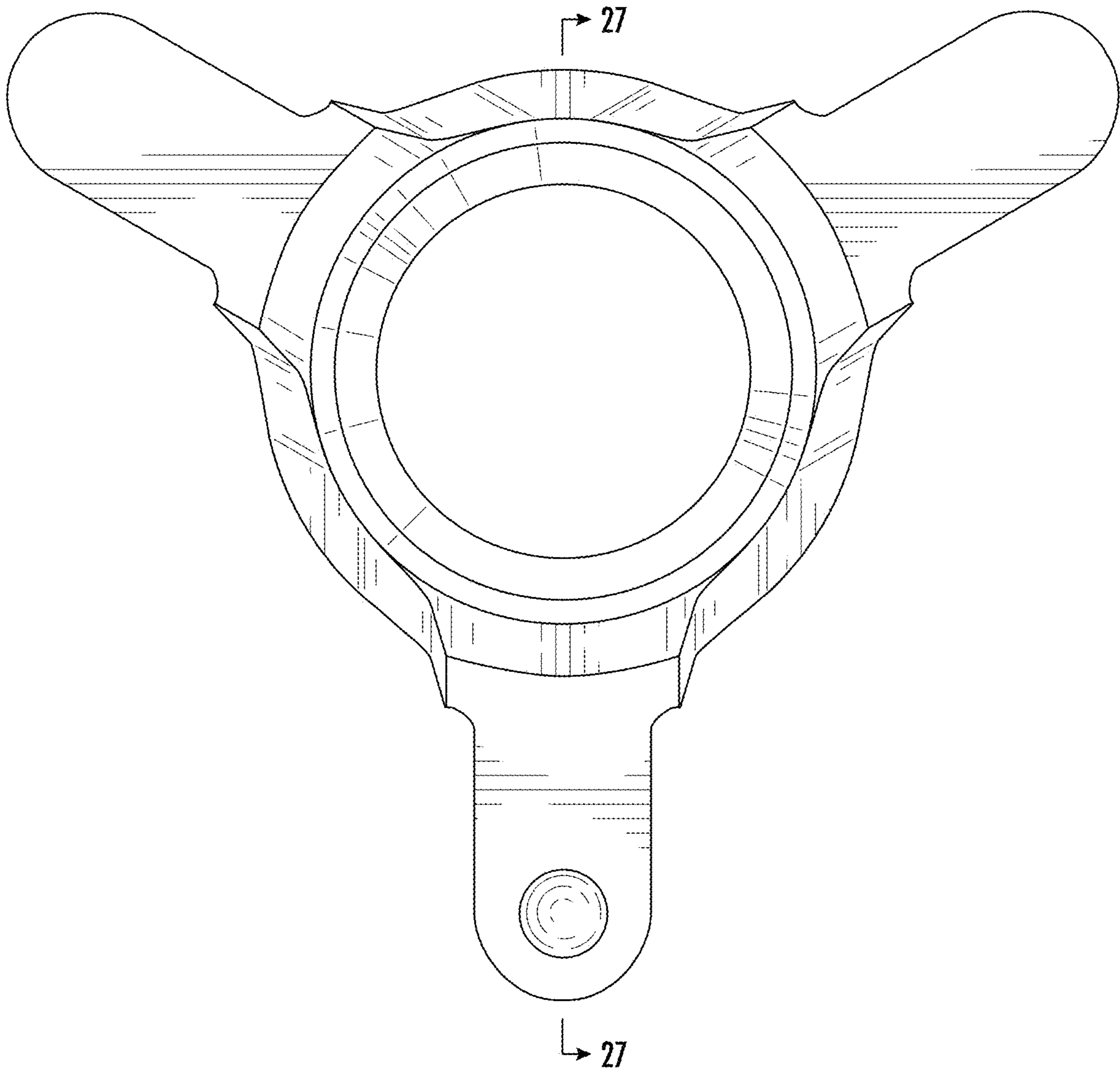


FIG. 25

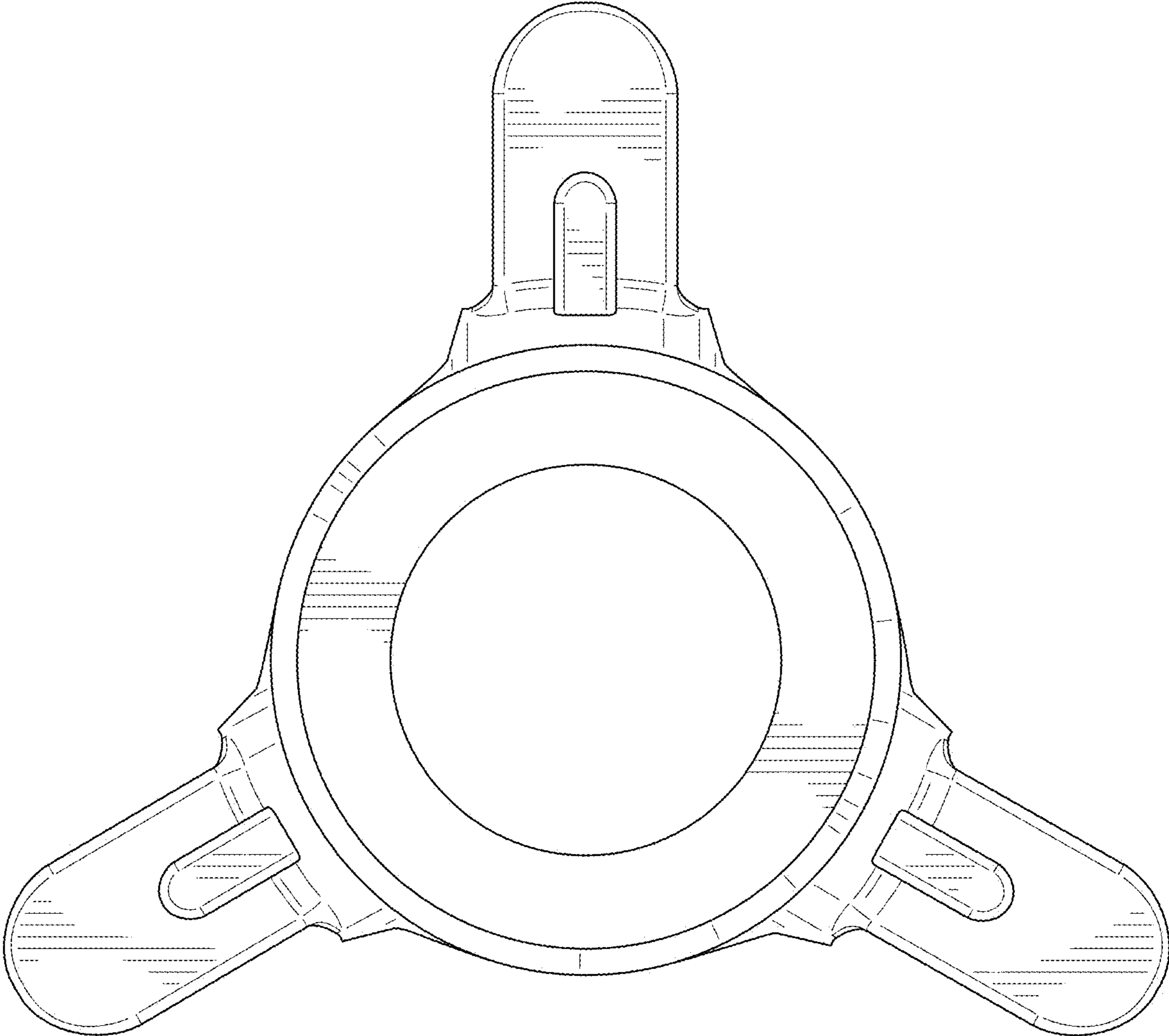


FIG. 26

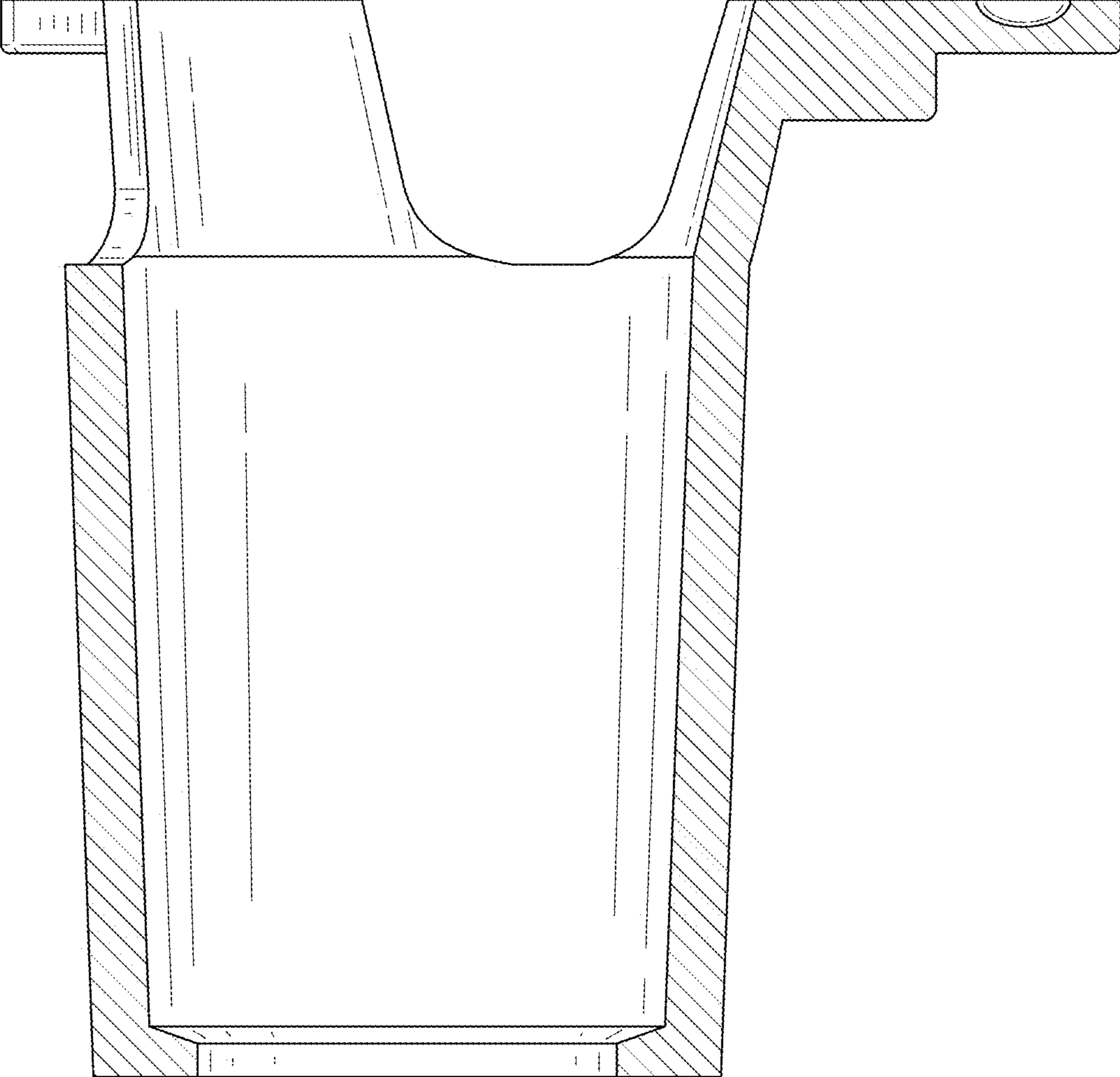


FIG. 27