



US0D1030154S

(12)

United States Design Patent

Joseph Diedrichsen

(10)

Patent No.:

US D1,030,154 S

(45)

Date of Patent:

** Jun. 4, 2024

(54) COMPONENT OF ANIMAL WATERING APPARATUS

(71) Applicant: Erik Joseph Diedrichsen, West Bridgewater, MA (US)

(72) Inventor: Erik Joseph Diedrichsen, West Bridgewater, MA (US)

(**) Term: 15 Years

(21) Appl. No.: 29/870,717

(22) Filed: Feb. 2, 2023

(51) LOC (14) Cl. 30-03

(52) U.S. Cl. USPC D30/132

(58) Field of Classification Search USPC D30/123, 129, 132, 121; 119/69.5, 673, 119/57.8, 68, 74, 61.57, 78–81, 61.4, (Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

4,274,365 A 6/1981 Peters
4,441,459 A * 4/1984 Giordano A01K 39/02 119/72

(Continued)

FOREIGN PATENT DOCUMENTS

KR 101302755 B1 9/2013
KR 20210146635 A 12/2021

OTHER PUBLICATIONS

AgriSupply website printout—New Nesting Poultry Waterer web-site retrieved from: https://www.agrisupply.com/new-nesting-poultry-waterer-base/p/21111/?utm_source=google&utm_medium=free&utm_campaign=freeshop&eid=gl020116&sid=google&gclid=EAlaQobChMIhaS3ttml_AIVwQxlCh3HMwjwEAQYDCABEgJsJPD_BwE. Dec. 20, 2022.

(Continued)

Primary Examiner — Susan Moon Lee
(74) Attorney, Agent, or Firm — Rubin & Rubin; Kevin P. Crosby

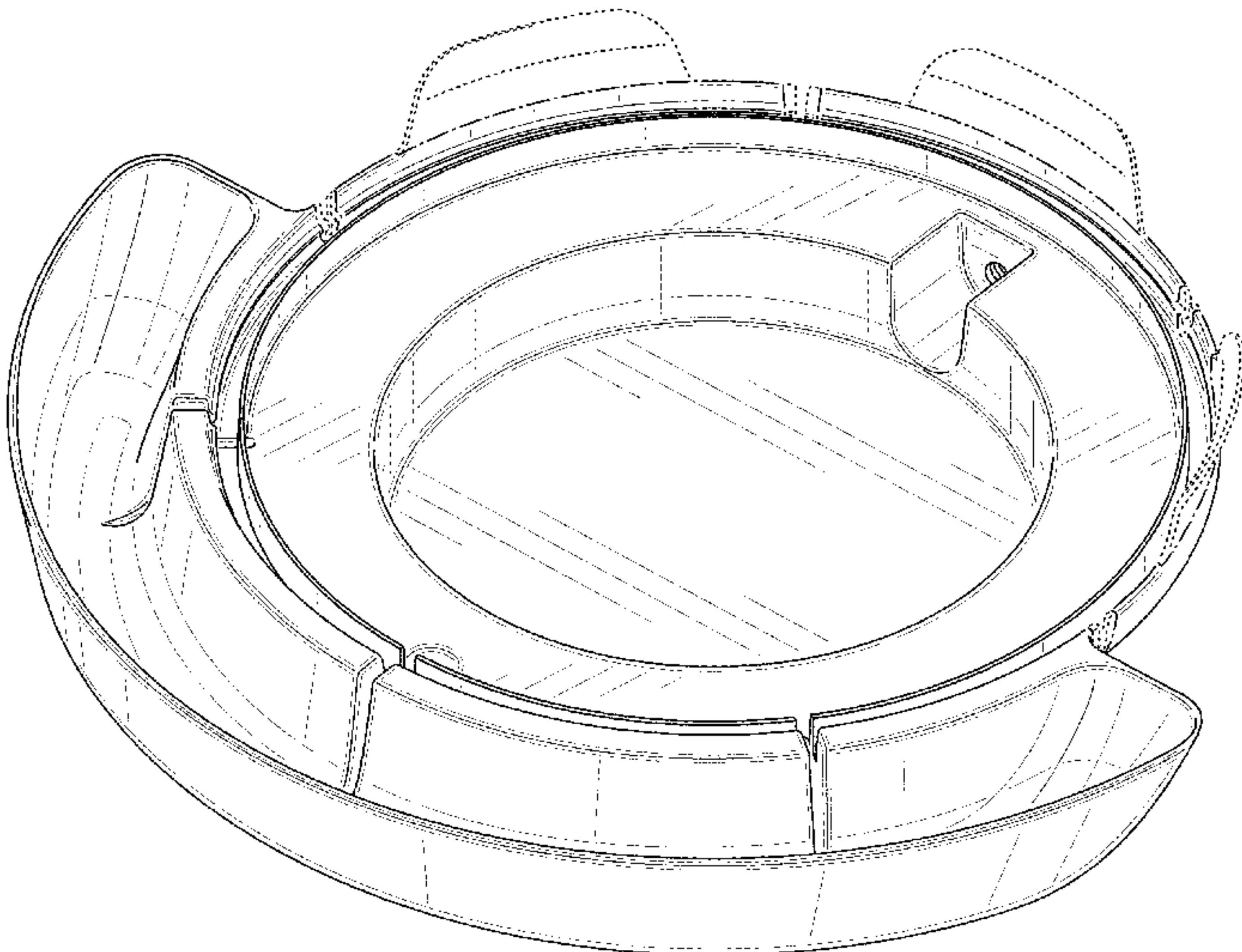
(57) CLAIM

The ornamental design for component of animal watering apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a left front top perspective view of a component of animal watering apparatus;
FIG. 2 is a right bottom rear perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a right-side elevational view thereof;
FIG. 6 is a left-side elevational view thereof;
FIG. 7 is a top plan view thereof; and
FIG. 8 is a bottom plan view thereof.
FIG. 9 is a left front top perspective view of a second embodiment of the invention.
FIG. 10 is a right bottom rear perspective view thereof;
FIG. 11 is a front elevational view thereof;
FIG. 12 is a rear elevational view thereof;
FIG. 13 is a right-side elevational view thereof;
FIG. 14 is a left-side elevational view thereof;
FIG. 15 is a top plan view thereof; and
FIG. 16 is a bottom plan view thereof.
FIG. 17 is a left front top perspective view of a third embodiment of the invention.
FIG. 18 is a right bottom rear perspective view thereof;
FIG. 19 is a front elevational view thereof;
FIG. 20 is a rear elevational view thereof;
FIG. 21 is a right-side elevational view thereof;
FIG. 22 is a left-side elevational view thereof;
FIG. 23 is a top plan view thereof; and
FIG. 24 is a bottom plan view thereof.
The dot-dash lines in the drawings represent the bounds of the claimed design, while the broken lines in the drawings show environment that forms no part of the claimed design.

1 Claim, 24 Drawing Sheets



(58) Field of Classification Search

USPC 119/57.9, 51.5, 61.5, 72, 475; 47/66.6, 47/39, 67, 83; 239/280, 200, 281, 280.5, 239/273, 16–32, 211, 216, 288.5; 4/644, 4/627, 638; D7/558; D11/144, 145, 153; D99/5, 24; 27/1; D23/201, 292, 204, D23/205, 214–216, 221, 222, 228, 229, D23/233, 200, 212, 213; 248/127, 132, 248/137, 138, 158, 910; 215/10; D6/353, 352, 484, 360, 480, 488; 219/521; 329/442, 459; 99/452, 483; 40/406, 407; 261/29, 106, 73; 137/560, 137/563, 801; 55/385.2; 417/527, 313; 431/292–294, 289; 362/101; D26/6, 9; D32/75; D8/1
CPC ... A01K 7/00; A01K 7/02; A01K 7/06; A01K 7/04; A01K 7/005; A01K 7/022; A01K 7/025; A01K 7/027; A01K 5/0216; A01K 39/02; A01K 39/022; A01K 39/024; F04B 23/00; F04B 23/02; F04B 23/021; F04B 23/026; B05B 17/08; B05B 17/085; B01D 35/30; Y10T 137/86035; Y10T 137/8376; Y10T 137/85954–85978
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

4,659,463 A 4/1987 Chandler et al.
8,387,566 B2 3/2013 Graves et al.

8,826,859 B1 * 9/2014 Slinkard A01K 7/04 119/80
10,893,664 B2 1/2021 Slinkard
2016/0165857 A1 * 6/2016 Delman A01K 7/06 119/72.5
2017/0311575 A1 11/2017 Kong
2018/0000053 A1 1/2018 Stone et al.
2020/0045940 A1 * 2/2020 Slinkard A01K 39/024
2022/0225595 A1 7/2022 Lee

OTHER PUBLICATIONS

DuroProHealth website printout—1 Gallon Screw-On Waterer Base
retrieved from retrieved from: https://www.duraprohealth.com/shop/750purple-1-gallon-screw-on-poultry-waterer-base-382559?keyword=&gclid=EAla1QobChMIhaS3ttml_AIVwQxlCh3HMwjwEAQYCiABEgL-XvD_BwE#attr=. Dec. 20, 2022.
Uline website printout—Steel Pail Lug Lid with Spout, Open Top, Unlined, Black retrieved from: <https://www.uline.com/Product/Detail/S-20036BL/Pails/Steel-Pail-Lug-Lid-with-Spout-Open-Top-Unlined-Black?pricode=WB1293>. Dec. 20, 2022.

* cited by examiner

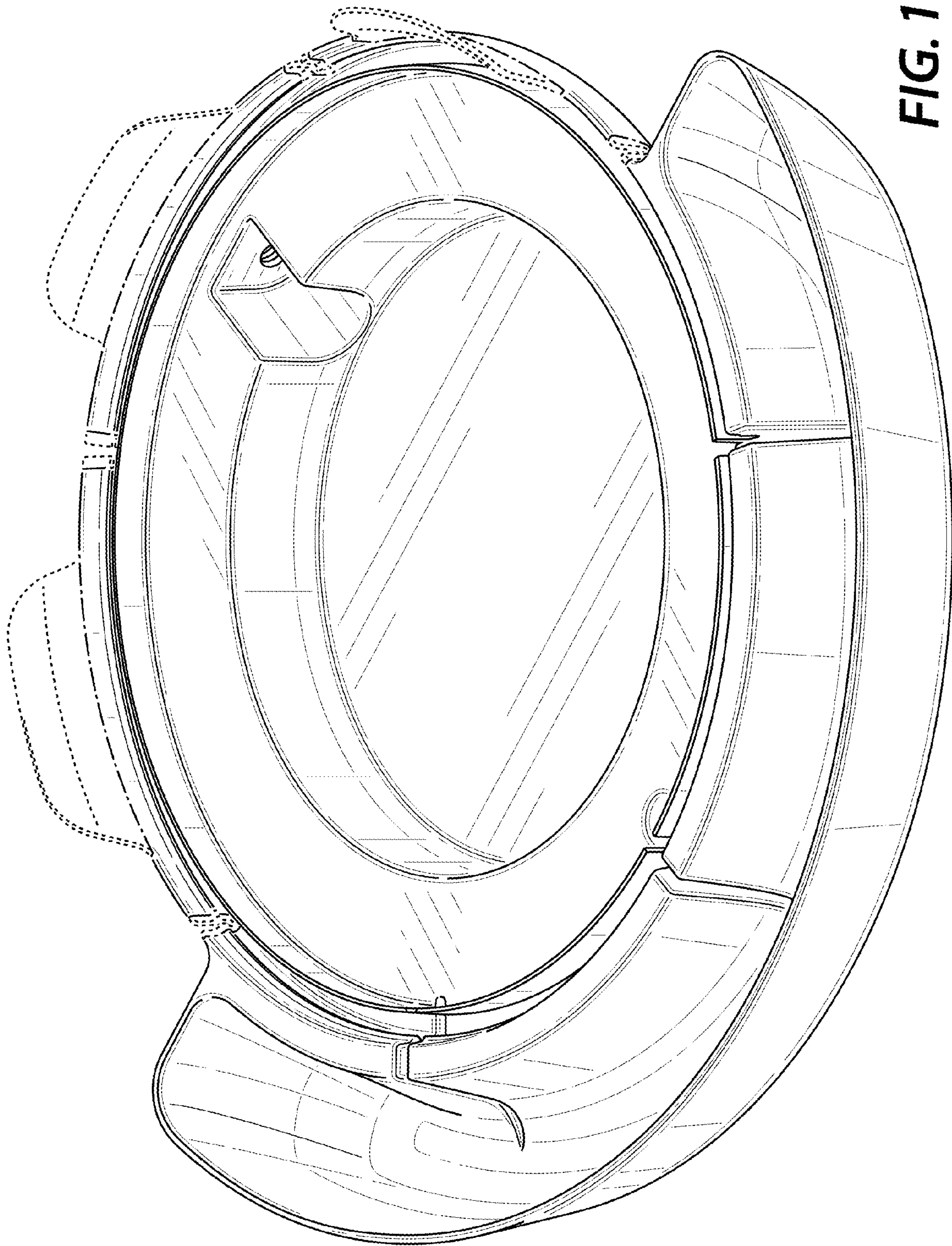


FIG. 1

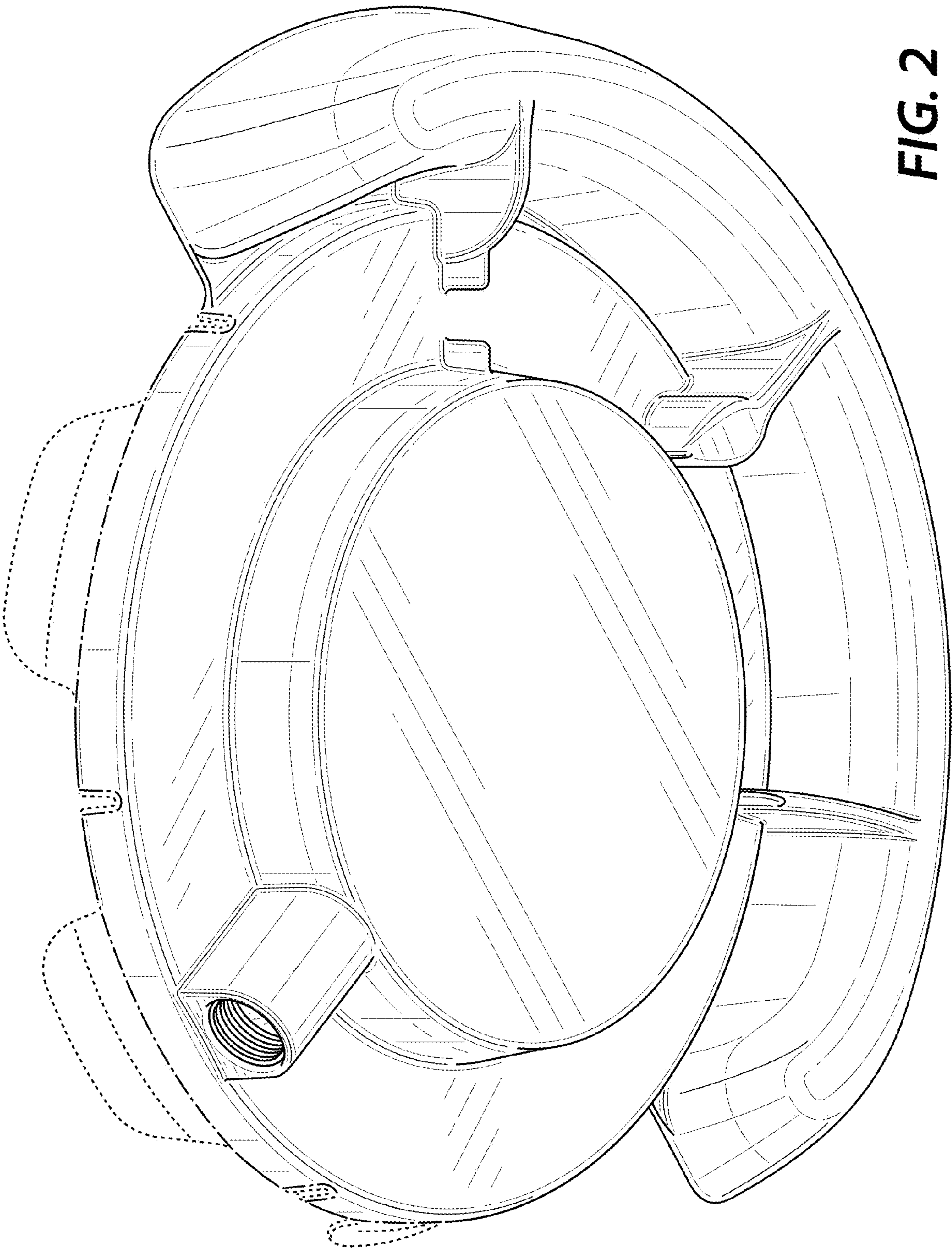


FIG. 2

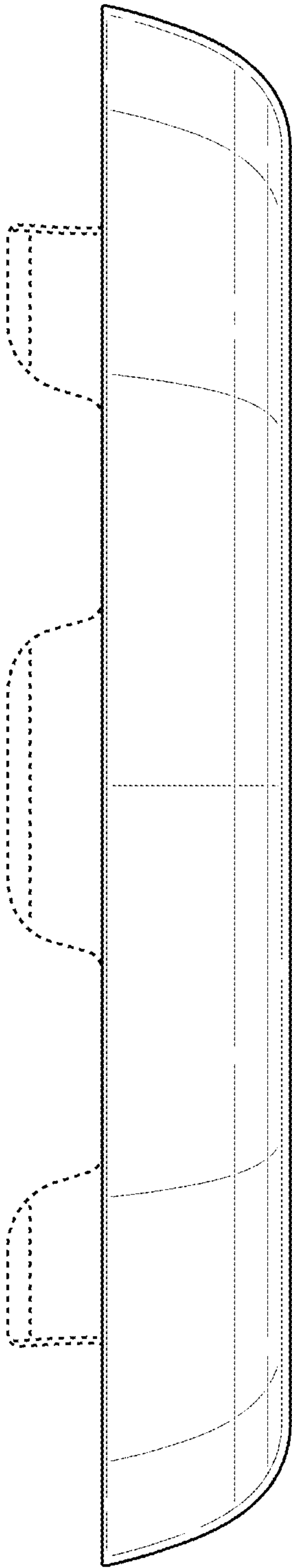


FIG. 3

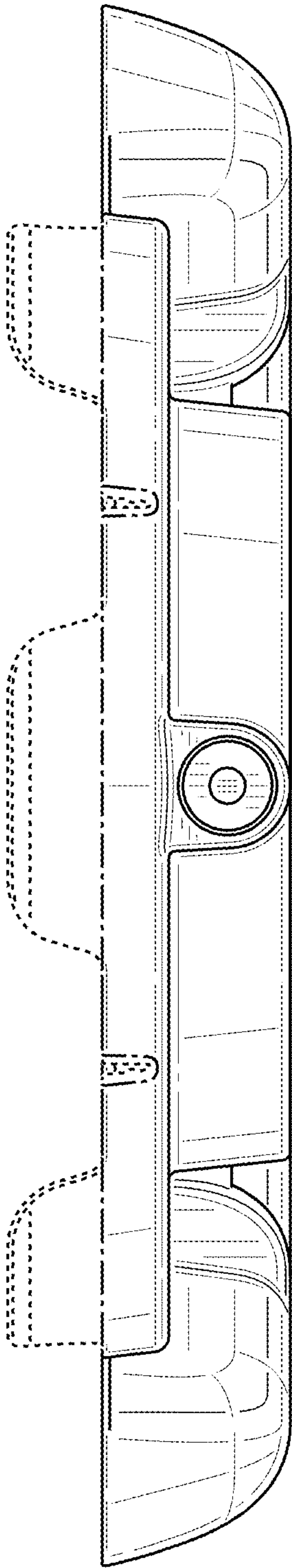


FIG. 4

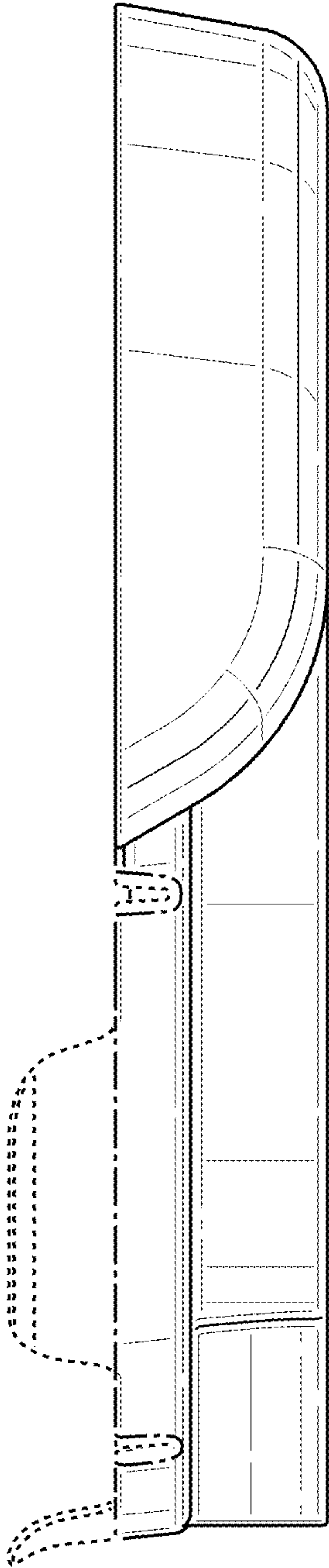


FIG. 5

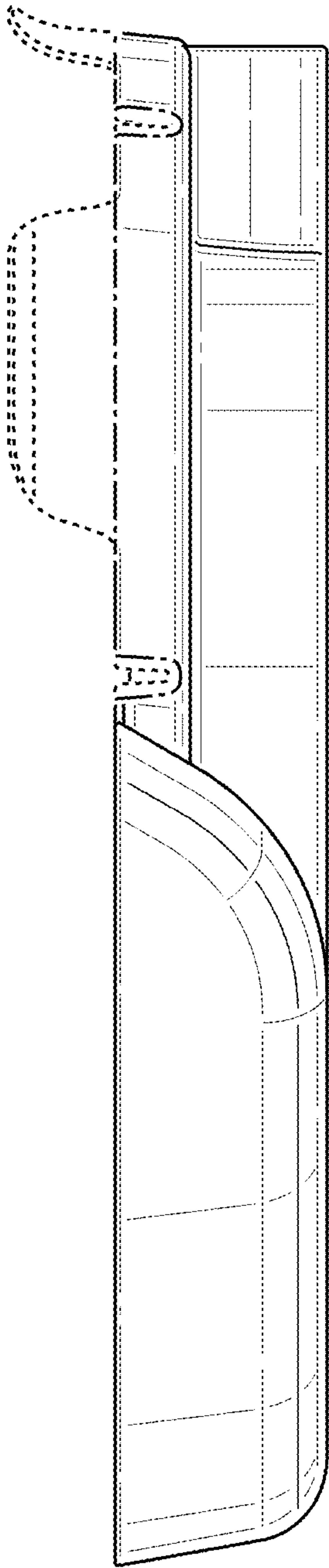


FIG. 6

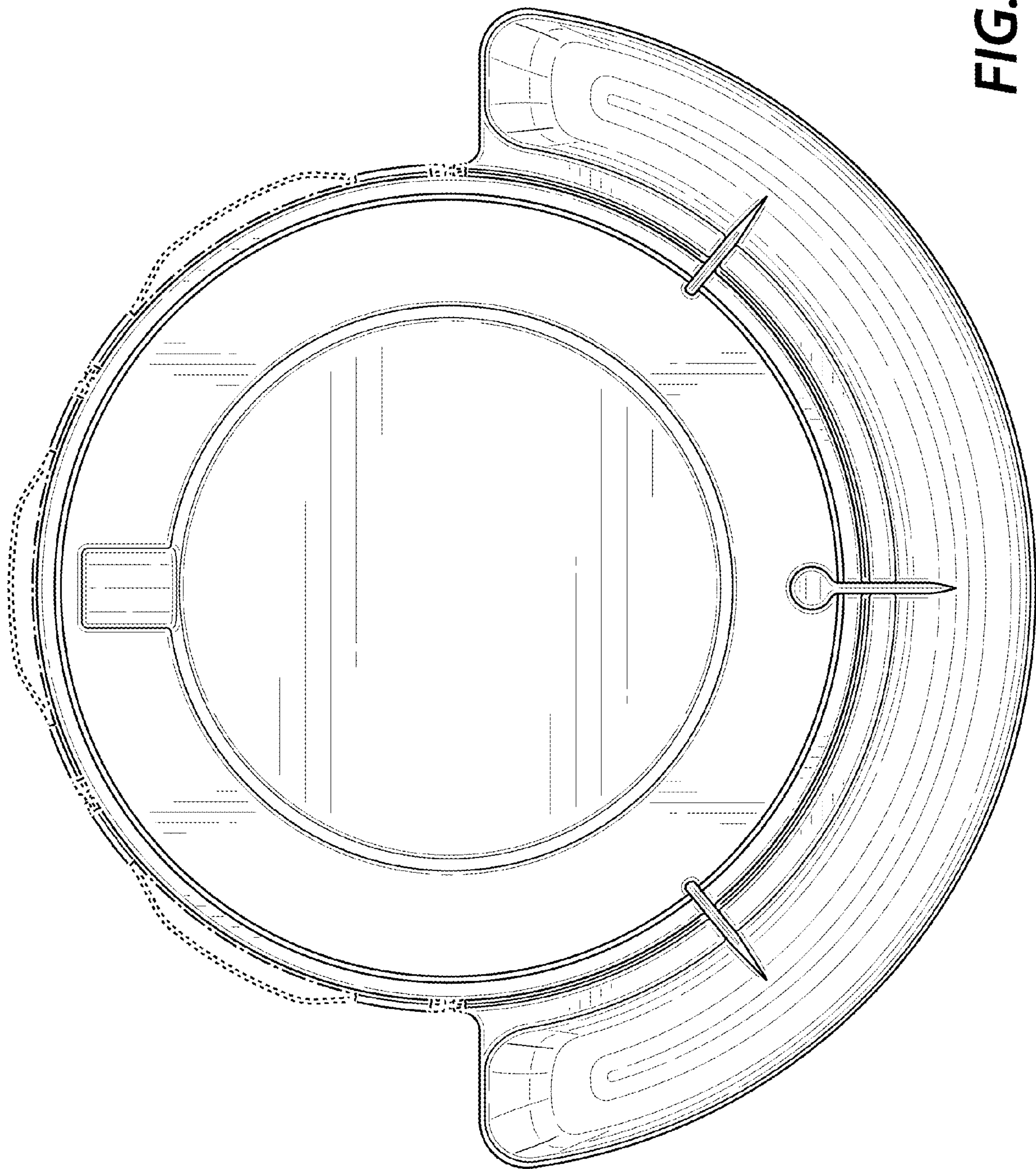


FIG. 7

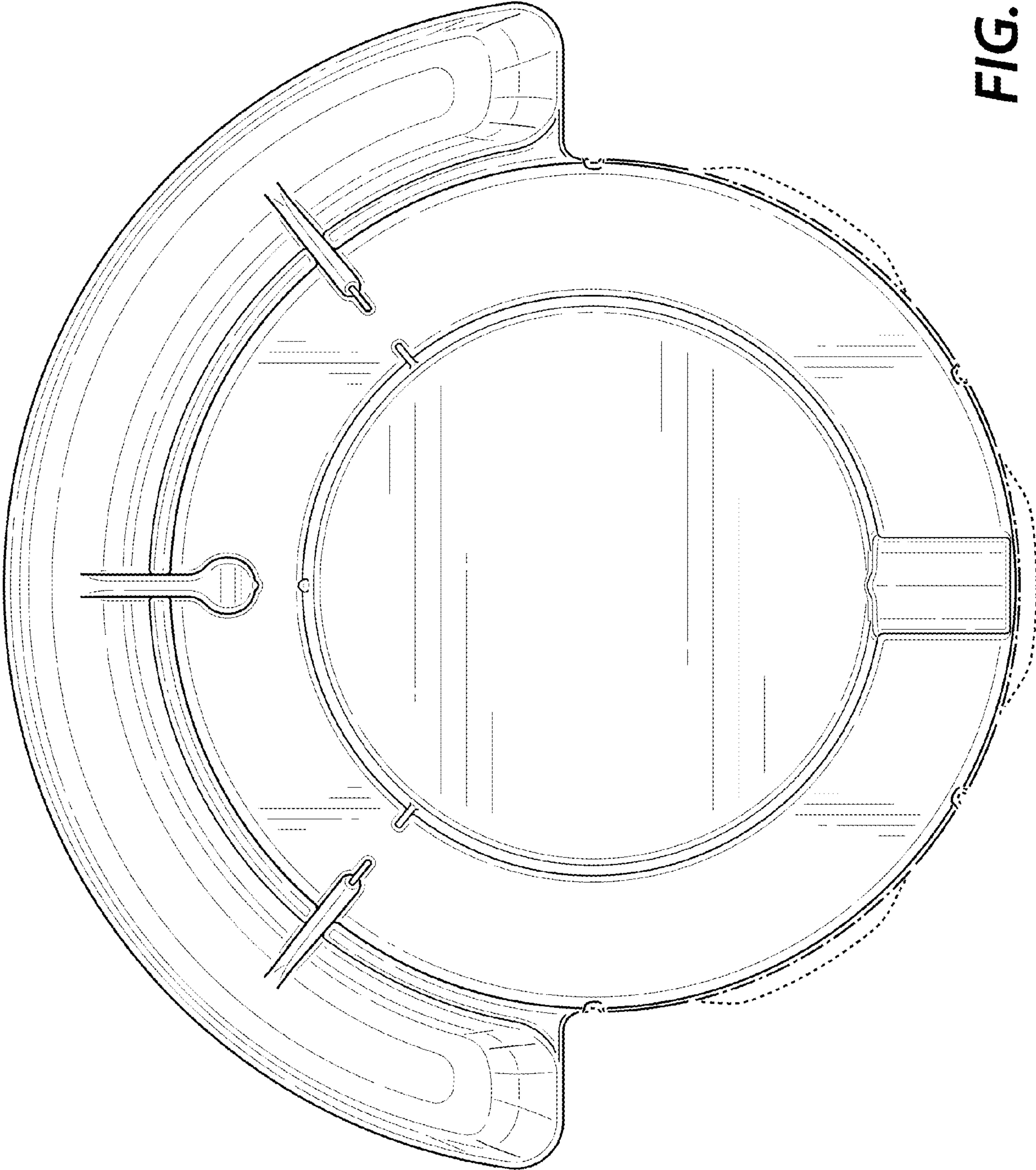


FIG. 8

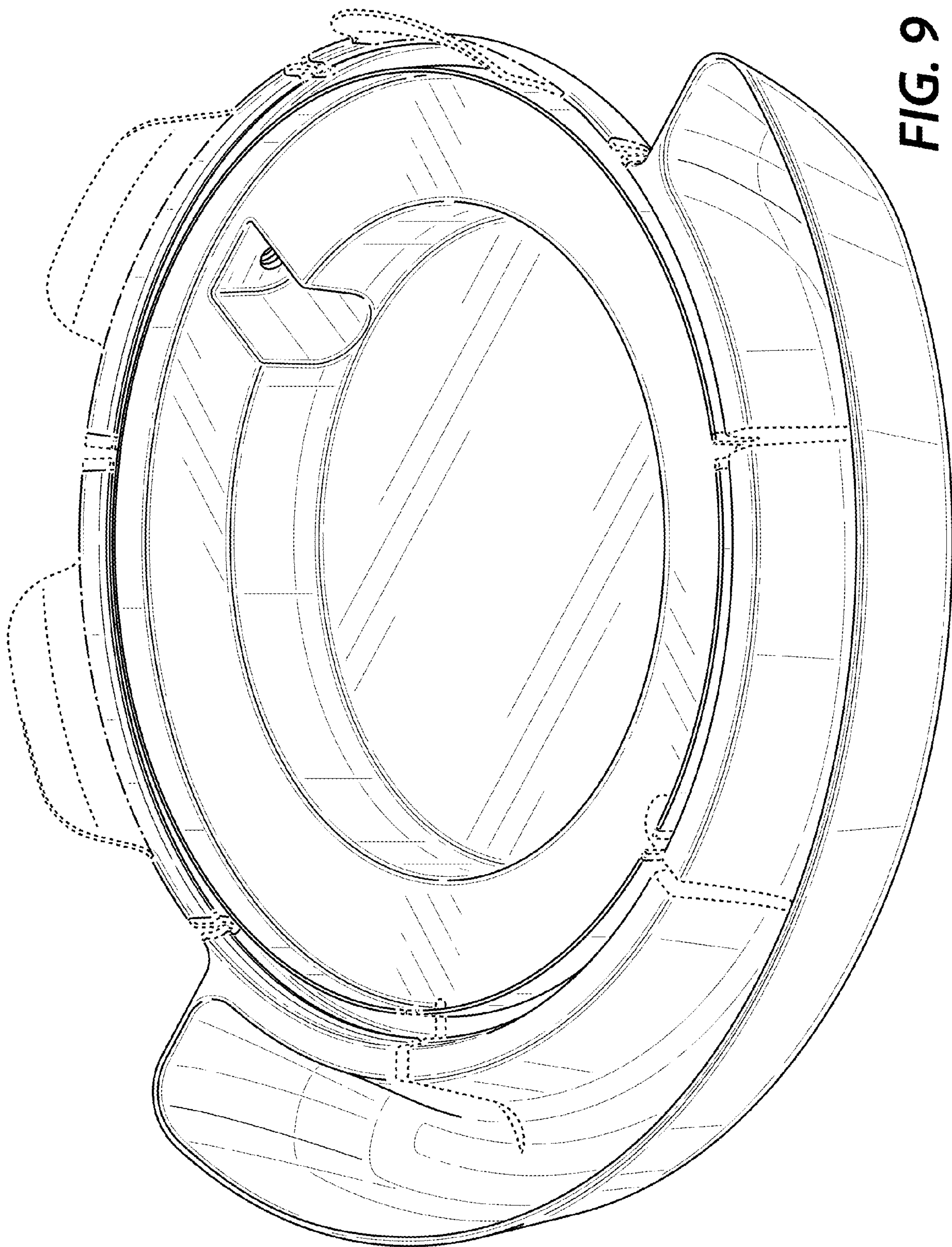


FIG. 9

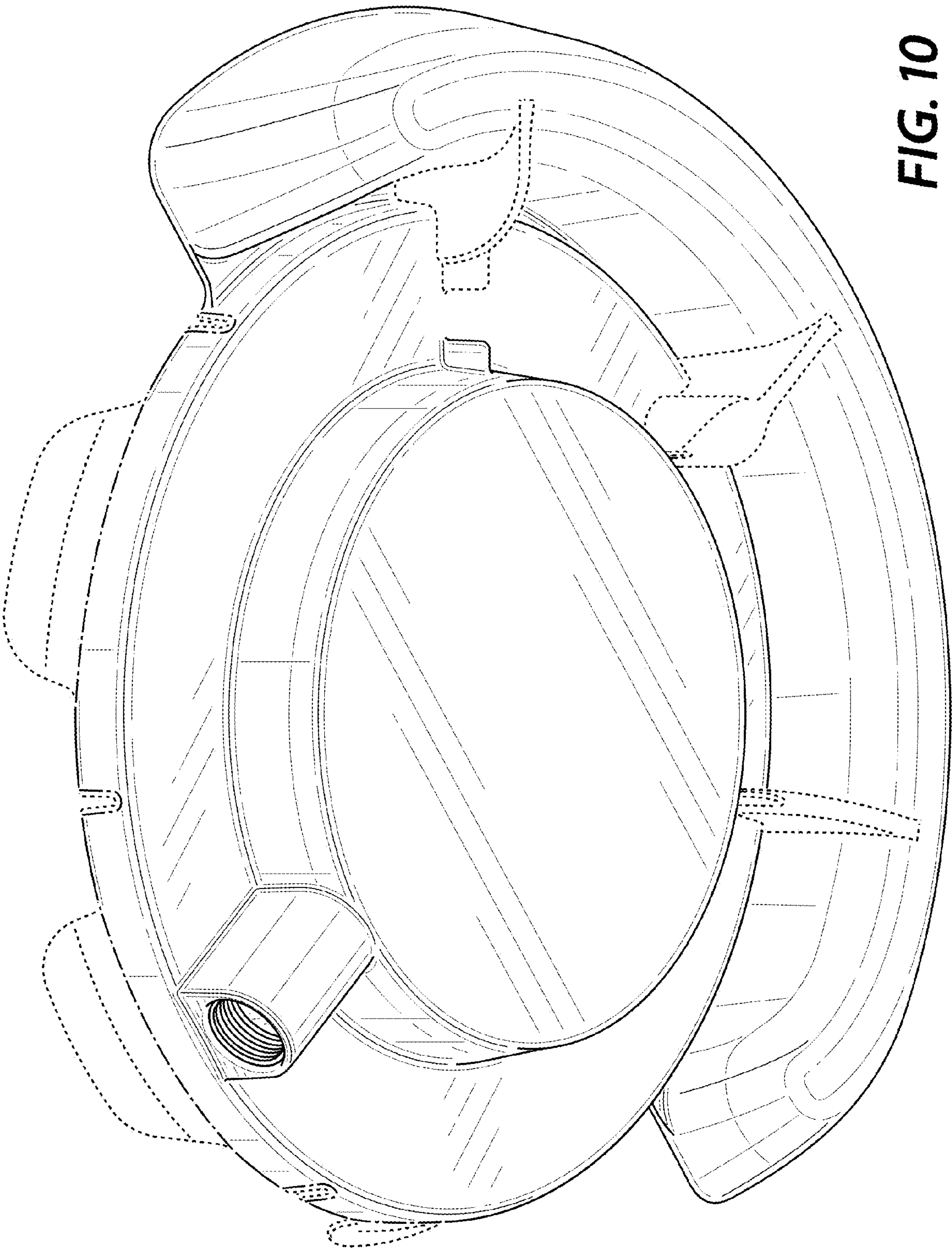


FIG. 10

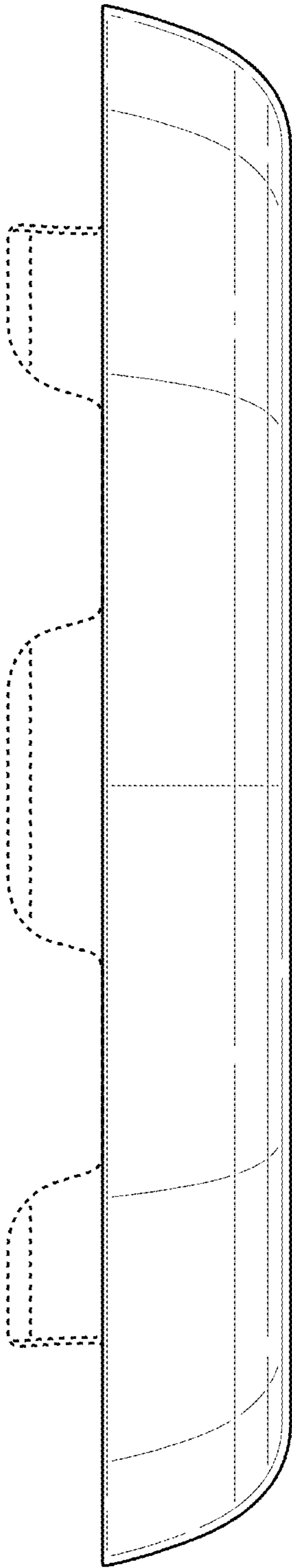


FIG. 11

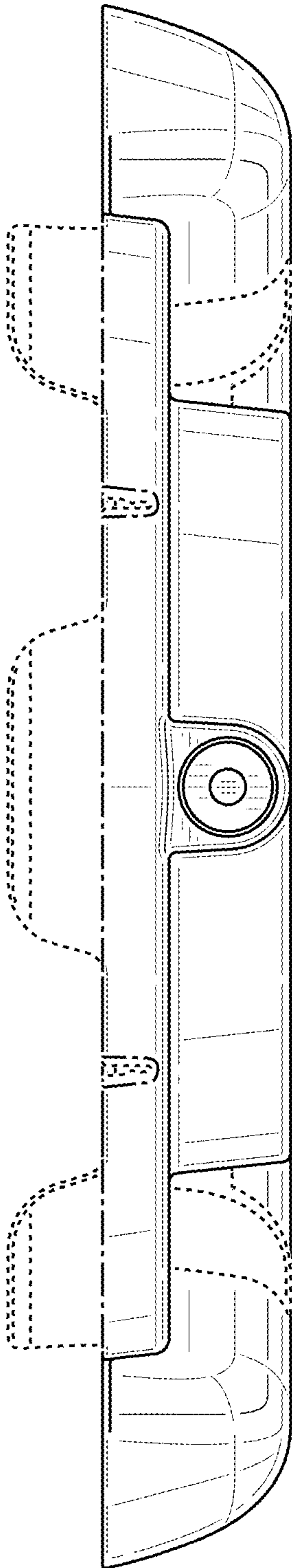


FIG. 12

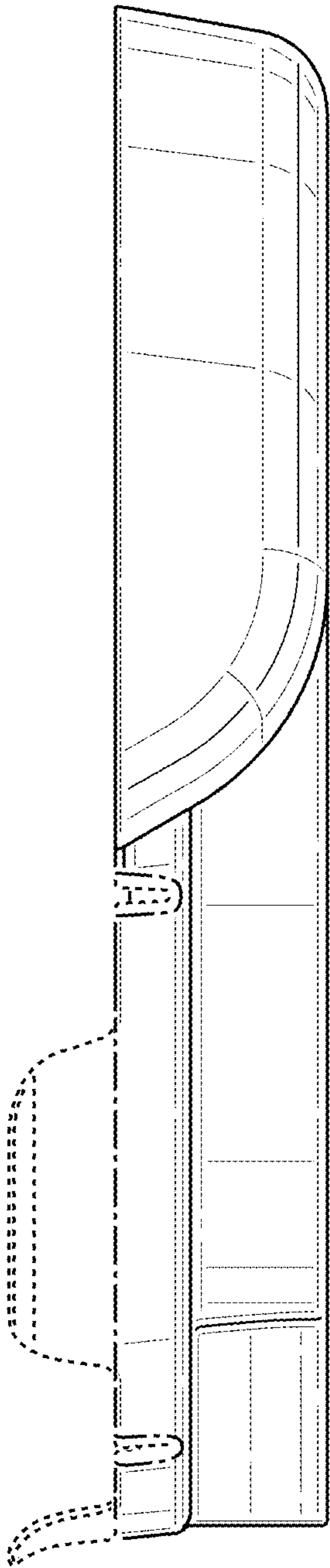


FIG. 13

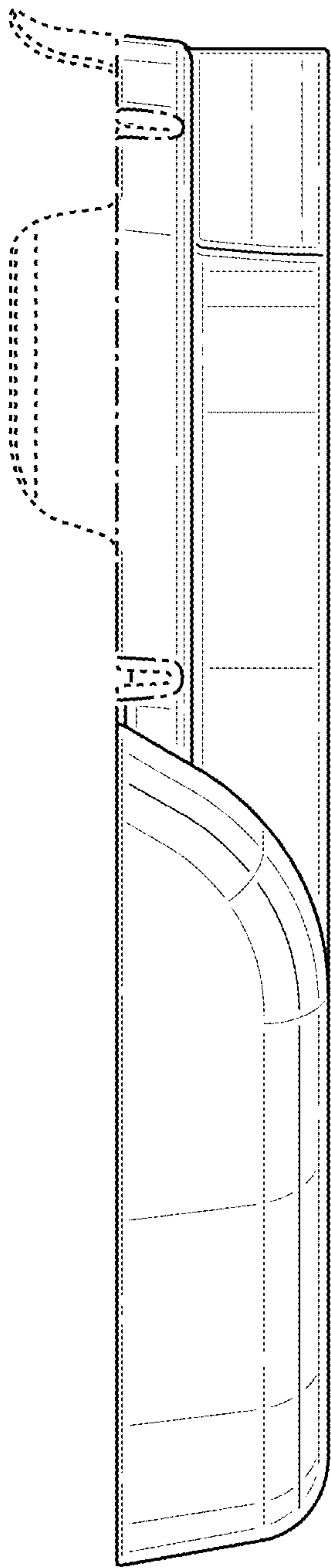


FIG. 14

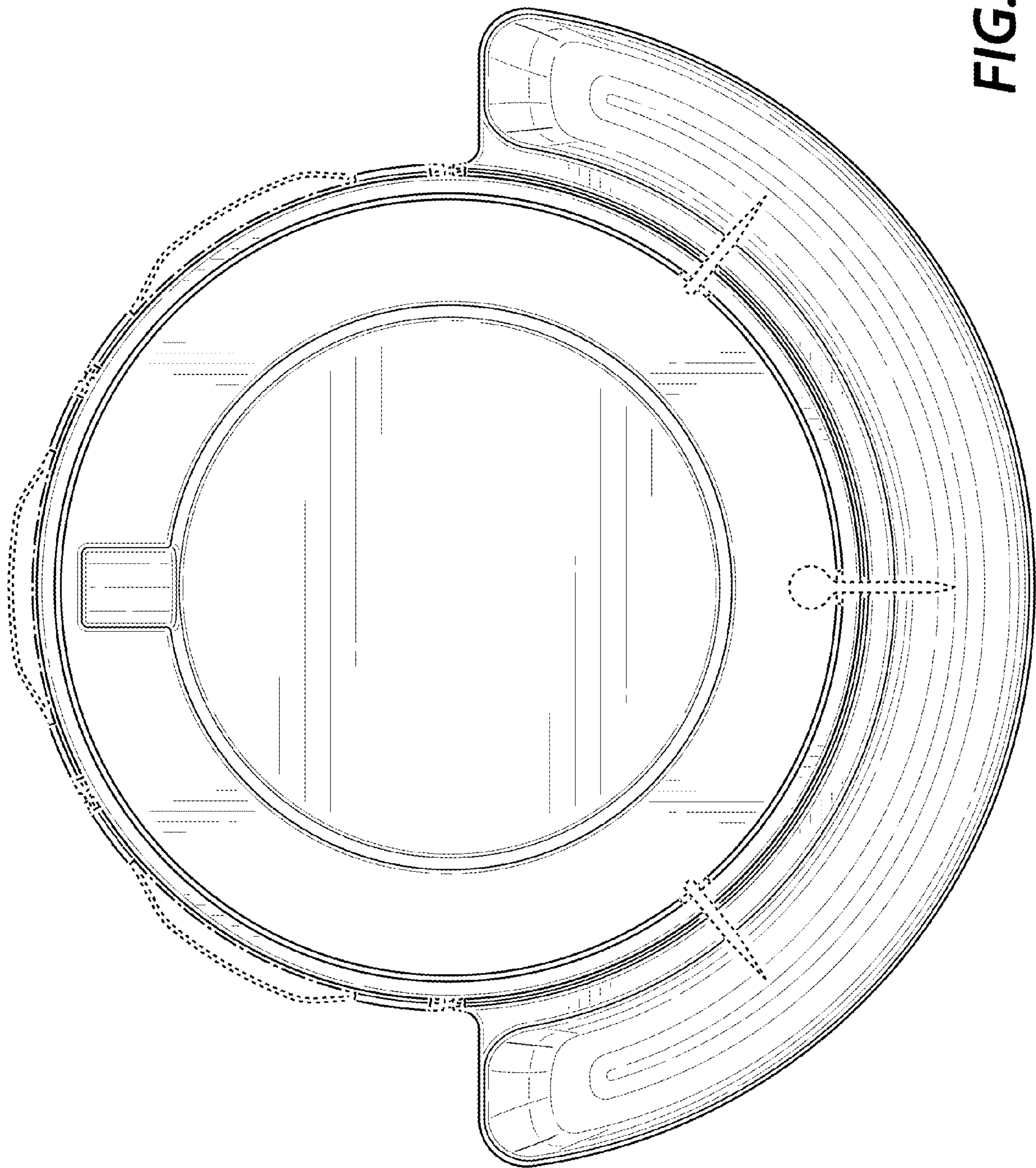


FIG. 15

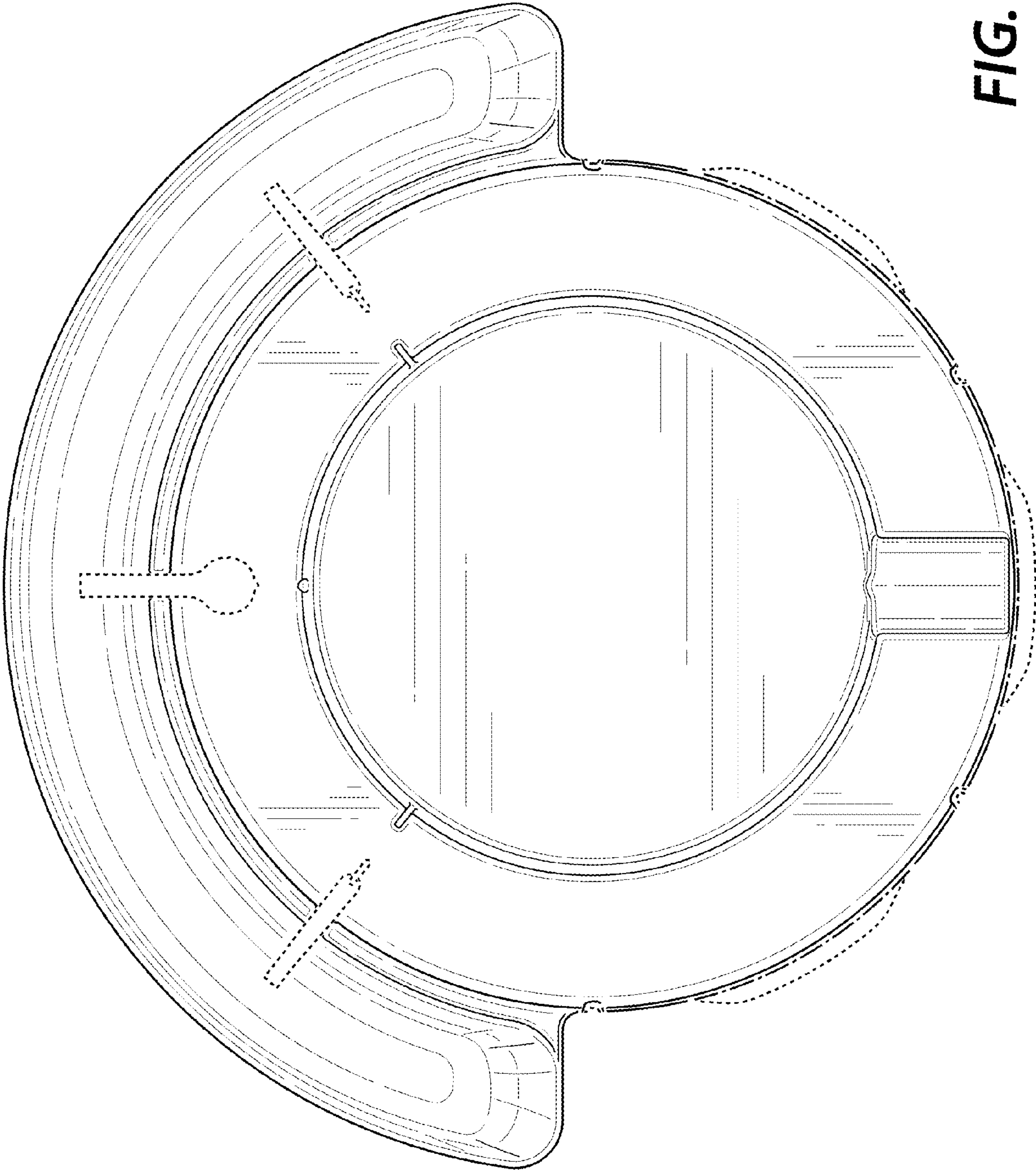


FIG. 16

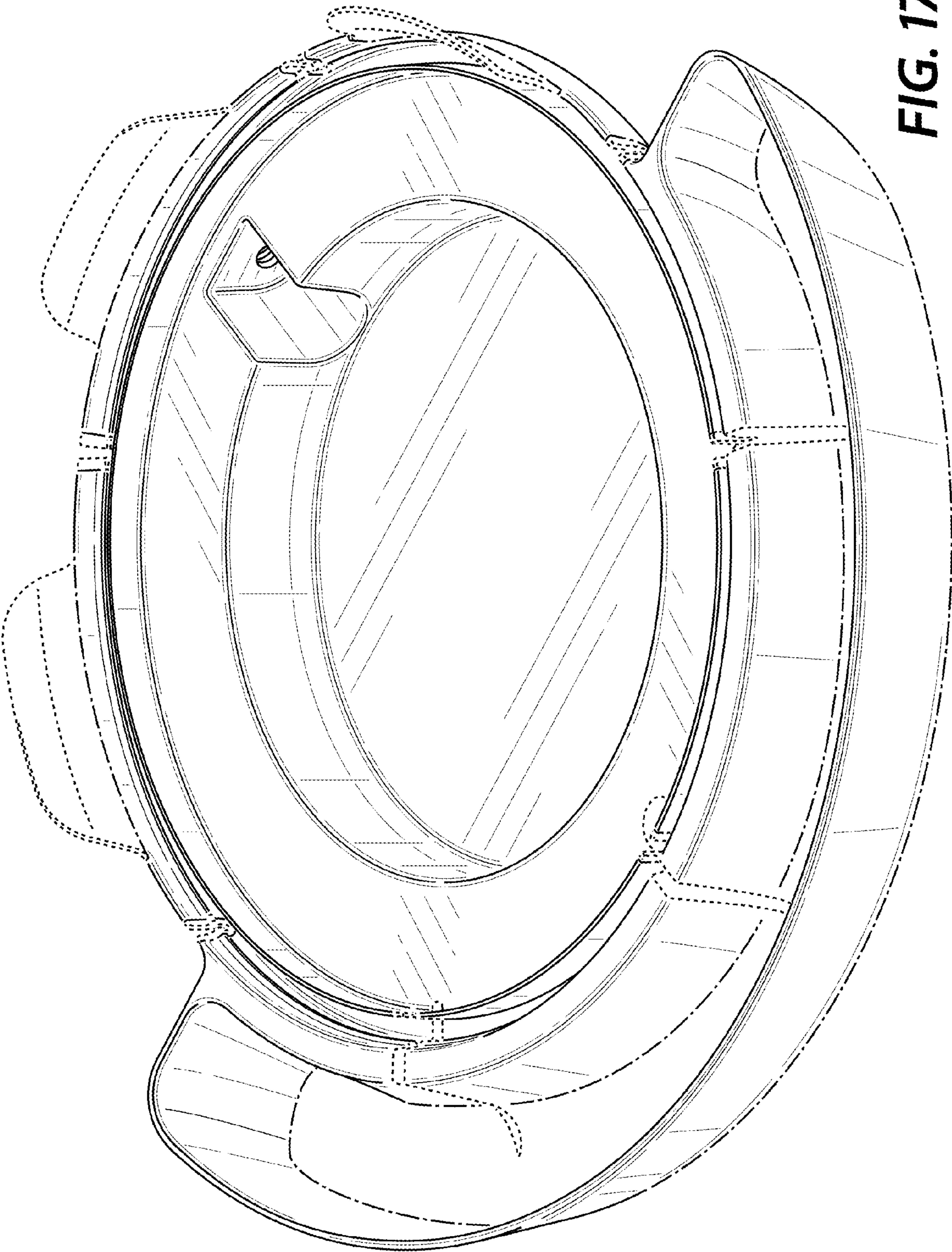


FIG. 17

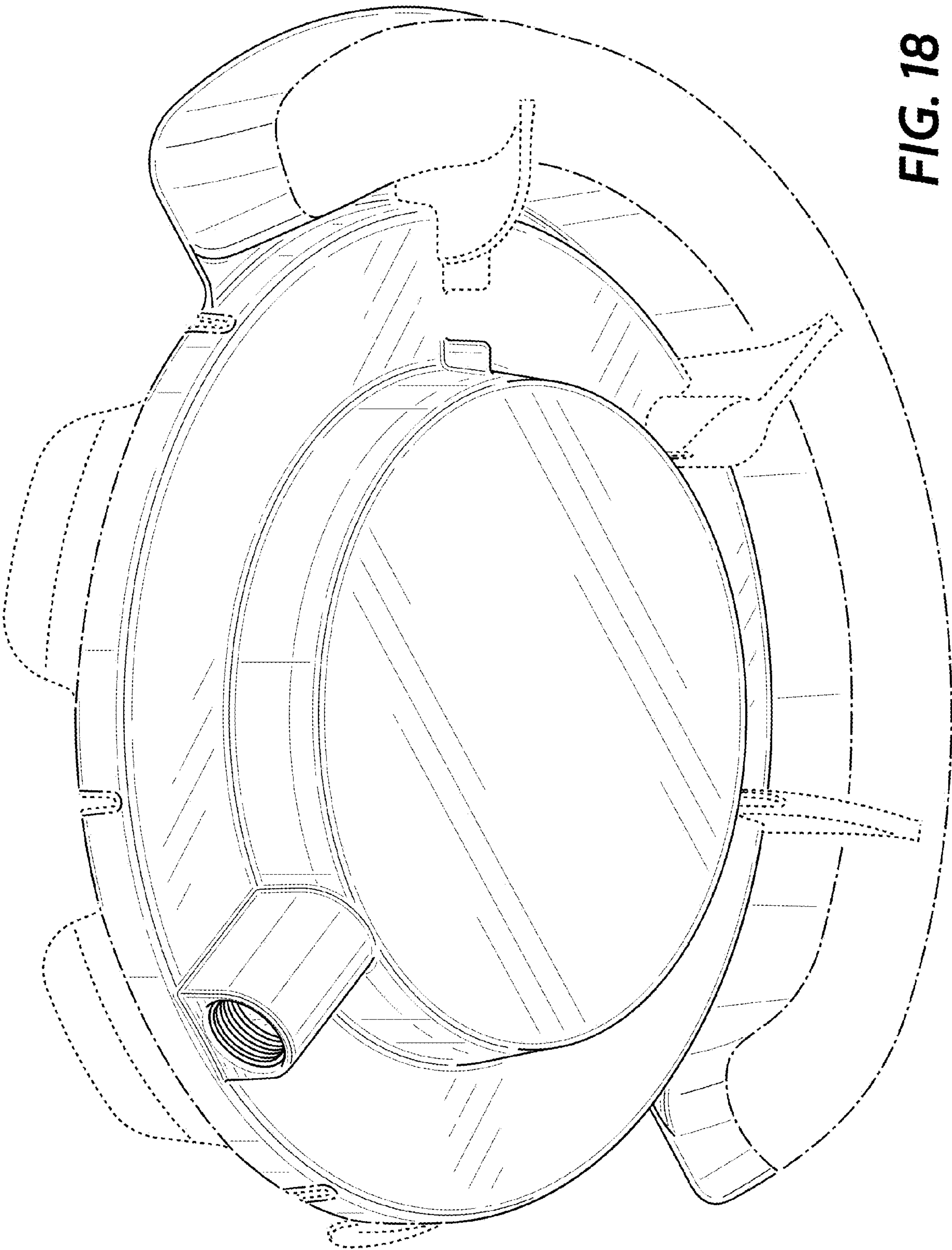


FIG. 18

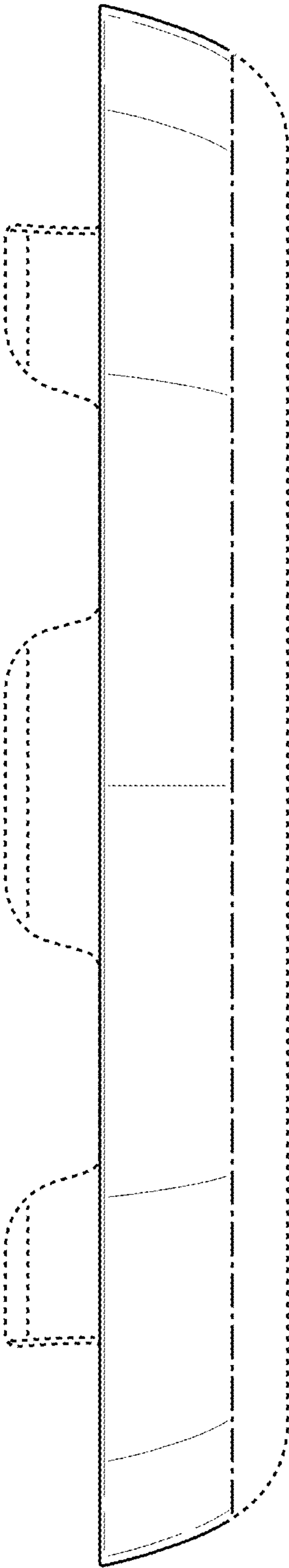


FIG. 19

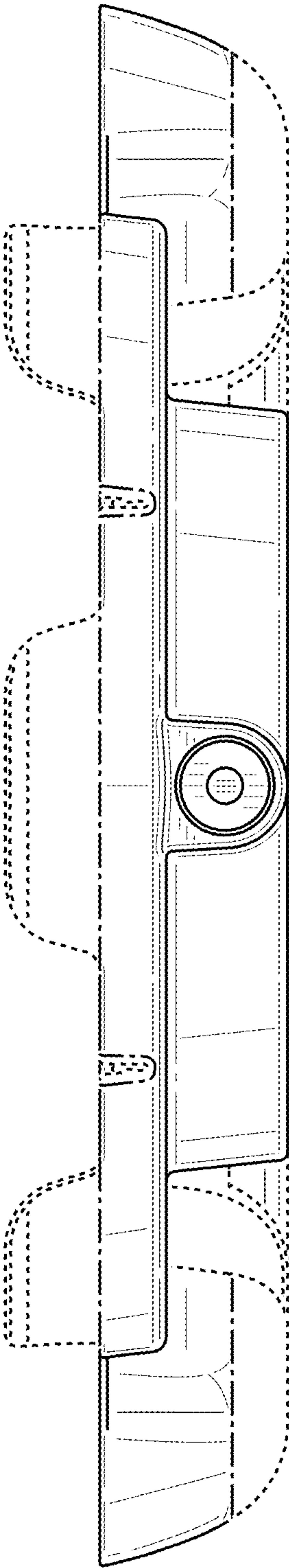


FIG. 20

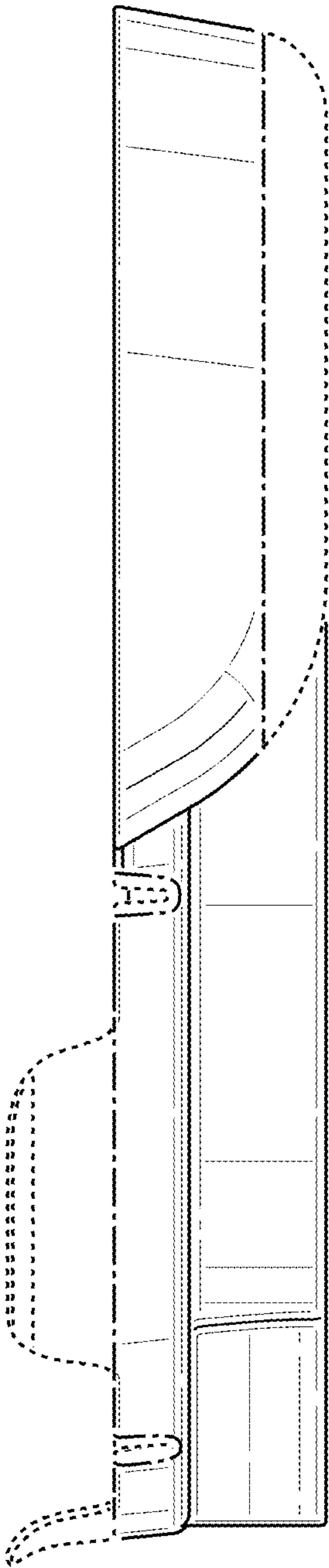


FIG. 21

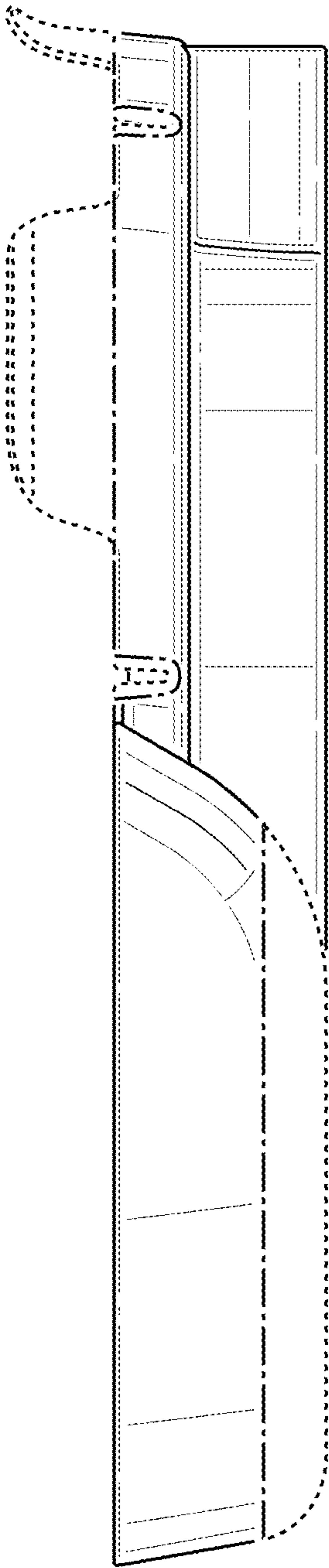


FIG. 22

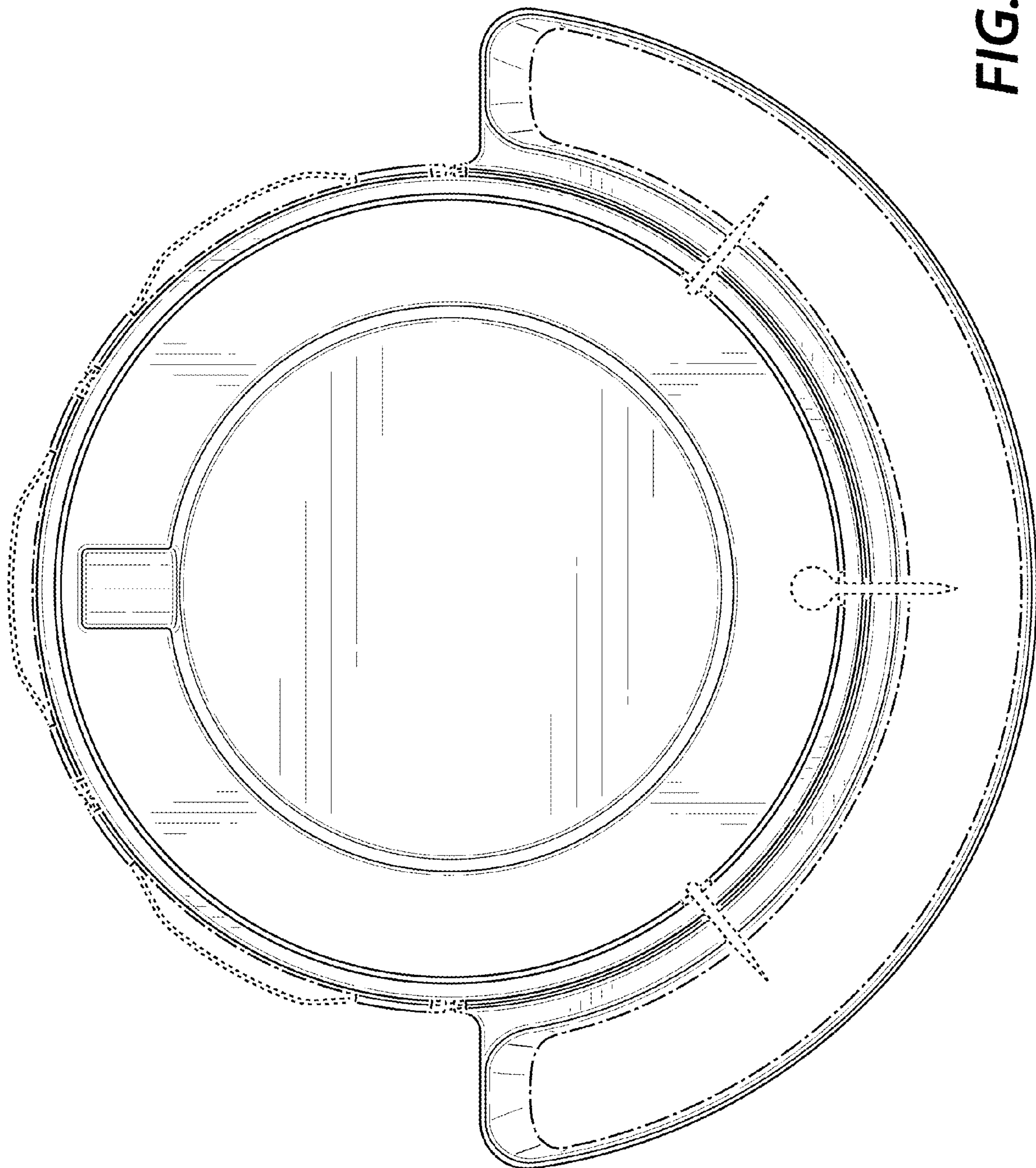


FIG. 23

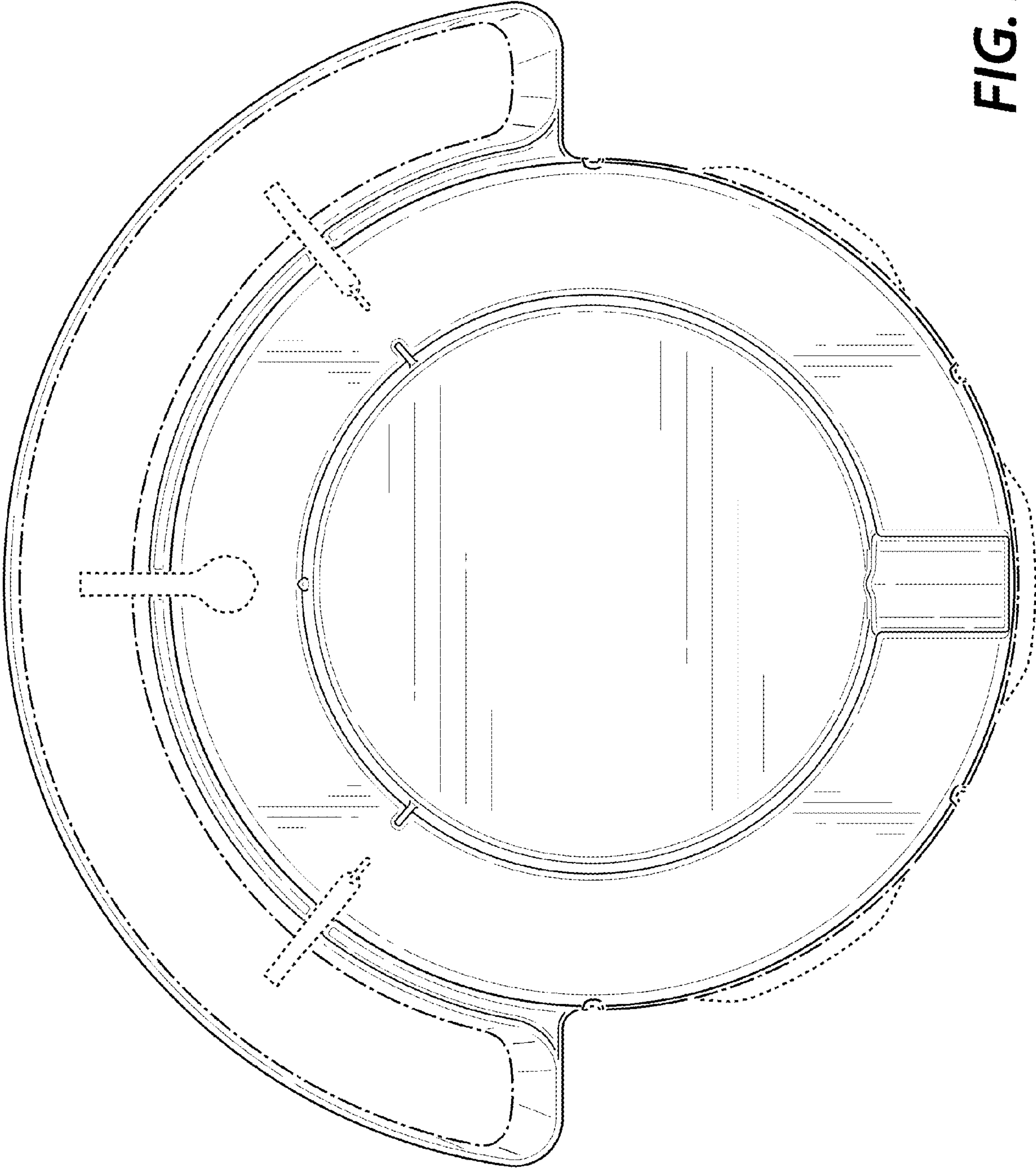


FIG. 24