



US0D1066730S

(12)

United States Design Patent

Grossetete et al.

(10)

Patent No.:

US D1,066,730 S

(45)

Date of Patent:

** Mar. 11, 2025

(54) CONTAINER

- (71)

Applicant:

CSP TECHNOLOGIES, INC.,
Auburn, AL (US)
- (72)

Inventors:

Florence Grossetete,
Niederbronn-les-Bains (FR); Julien
Klein, Niederbronn-les-Bains (FR);
Ethan Ross Perdue, Auburn, AL (US);
Franklin Lee Lucas, Jr., Opelika, AL
(US)
- (73)

Assignee:

CSP Technologies, Inc., Auburn, AL
(US)
- (**)

Term:

15 Years
- (21)

Appl. No.:

29/924,094
- (22)

Filed:

Jan. 17, 2024

Related U.S. Application Data

- (62)

Division of application No. 29/909,258, filed on Aug. 3, 2023, now Pat. No. Des. 1,018,312, which is a division of application No. 29/652,773, filed on Nov. 24, 2020, now Pat. No. Des. 997,717.
- (51)

LOC (15) Cl.

24-01
- (52)

U.S. Cl.

USPC D24/224; D9/503; D9/711
- (58)

Field of Classification Search

USPC D7/387, 391, 392.1, 396.1, 396.2, 397, D7/511, 601, 602, 612, 619.1; D9/711, D9/503, 529, 537, 420, 434, 435, 440, D9/443, 446, 447, 449, 454; D3/201, D3/202, 203.2, 208; D24/224; D27/101, D27/172, 183, 186, 193

CPC B65D 47/08; B65D 47/32; B65D 2215/00; B65D 2215/02; B65D 50/04; B65D 43/02; B65D 51/18; A47G 19/22; A47G 19/2266; A47G 19/2272; A24F 23/03

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

2,814,404 A

11/1957

Towns

2,894,654 A

7/1959

Lohrer

3,240,405 A

3/1966

Abbott

(Continued)

FOREIGN PATENT DOCUMENTS

DE

20111801 U1

9/2001

OTHER PUBLICATIONS

Flip-Top Containers: Capitol Vial: Site Visited (Apr. 15, 2024). Available from URL: <https://us.vwr.com/store/product/4954018/flip-top-containers-capitol-vial>.*

(Continued)

Primary Examiner — Catherine S Posthauer

(74) Attorney, Agent, or Firm — Mark T. Vogelbecker; Eckert Seamans Cherin & Mellott, LLC

(57)

CLAIM

The ornamental design for a container as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a container of our new design;

FIG. 2 is another perspective view thereof;

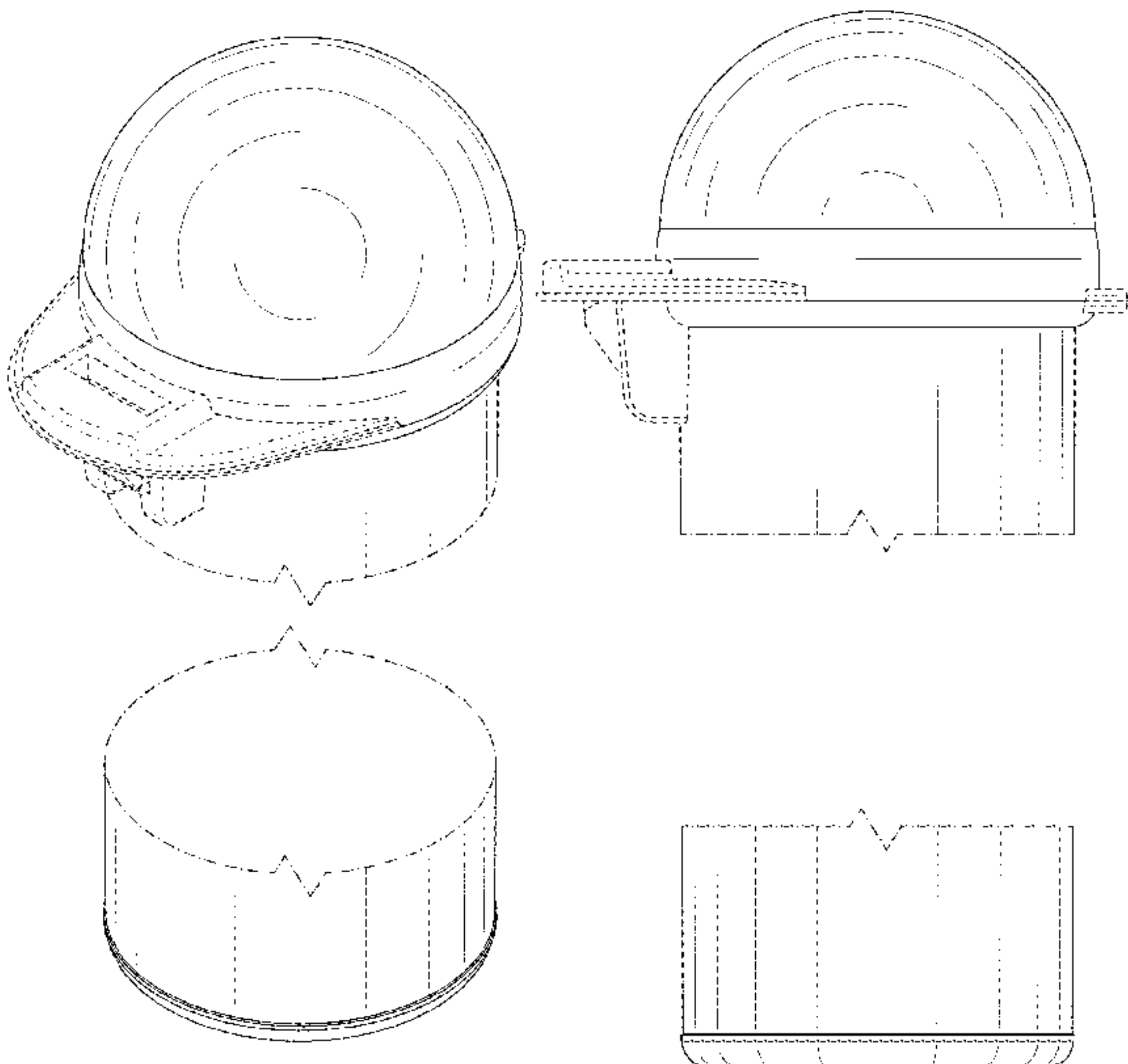
FIG. 3 is a first side elevation view thereof, wherein an opposing second side elevation view is a mirror image thereof;

FIG. 4 is a top plan view thereof; and,

FIG. 5 is a bottom plan view thereof.

The dot-dashed broken lines in the drawings represent symbolic breaks forming no part of the claimed design. The symbolic breaks in the drawings indicate that any portions of the article beyond what is shown forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,236,653 A 12/1980 Gach
 4,334,639 A * 6/1982 Gach B65D 47/0842
 222/543
 4,393,976 A 7/1983 Maguire
 4,713,219 A 12/1987 Gerken et al.
 4,834,234 A 5/1989 Sacherer
 4,874,102 A 10/1989 Jessop
 4,917,131 A 4/1990 Contreras
 5,012,941 A * 5/1991 Abrams B65D 55/06
 215/250
 5,083,671 A 1/1992 Hayes
 5,253,551 A 10/1993 DeVaughn
 D340,836 S 11/1993 Cautereels
 5,575,399 A 11/1996 Intini
 5,667,094 A 9/1997 Rapchak et al.
 5,788,064 A 8/1998 Sacherer et al.
 D452,826 S * 1/2002 Bezek D9/503
 6,398,067 B1 * 6/2002 Belfance B65D 43/162
 215/901
 D472,144 S 3/2003 Hierzer
 6,705,463 B1 * 3/2004 Bucholtz B65D 43/162
 206/315.9
 D491,275 S 6/2004 Walters et al.
 6,769,558 B1 * 8/2004 Bucholtz B65D 43/162
 220/796
 6,851,586 B2 2/2005 Odet
 D555,490 S * 11/2007 Liu D9/549
 D599,032 S 8/2009 Bucholtz et al.
 7,665,601 B2 2/2010 Portier
 D621,951 S 8/2010 Bucholtz et al.
 D631,168 S 1/2011 Bucholtz et al.
 D644,336 S 8/2011 Belfance et al.
 D644,337 S 8/2011 Belfance et al.
 8,006,368 B2 8/2011 Logel et al.
 D644,739 S 9/2011 Belfance et al.
 D644,740 S 9/2011 John et al.
 D649,659 S 11/2011 Belfance et al.
 8,051,998 B1 11/2011 Giraud et al.
 8,123,065 B2 2/2012 Mitsuhashi
 D671,403 S 11/2012 Ronan et al.
 D676,747 S 2/2013 Chang
 D677,396 S * 3/2013 Belfance D24/224
 D679,583 S * 4/2013 Wada D9/420
 D679,584 S * 4/2013 Wada D9/420
 D689,361 S 9/2013 Wada et al.
 D690,585 S 10/2013 Wada
 D741,035 S * 10/2015 van Pruysen D32/53
 D744,826 S 12/2015 Giraud et al.
 D777,028 S 1/2017 Chen
 D793,235 S 8/2017 Bois
 D795,698 S * 8/2017 Perdue D9/503
 D835,992 S 12/2018 Giraud et al.
 D847,642 S 5/2019 Dunn
 D856,798 S 8/2019 Giraud
 D859,143 S 9/2019 Perdue et al.
 10,526,128 B2 * 1/2020 Schneider B29C 45/44
 D881,004 S 4/2020 Giraud
 D882,393 S * 4/2020 Chong D9/420
 10,669,079 B2 6/2020 Freedman
 10,676,271 B2 * 6/2020 Frank B65D 81/24
 10,737,848 B2 * 8/2020 Philip B65D 51/30
 10,737,853 B2 8/2020 Giraud
 10,773,869 B2 * 9/2020 Logel B65D 51/244
 D899,268 S 10/2020 Hwang
 10,889,416 B2 * 1/2021 Lucas, Jr. B65D 50/067
 D909,874 S 2/2021 Lee
 D914,501 S 3/2021 Aboabdo
 D914,502 S 3/2021 Aboabdo
 10,974,887 B2 * 4/2021 Freedman B65D 81/264
 D939,282 S * 12/2021 Delgado Carmona D7/510
 D950,317 S 5/2022 Lu
 11,325,771 B2 5/2022 Freedman et al.
 11,331,836 B2 * 5/2022 Huber B29C 45/1676
 D953,875 S * 6/2022 Losovski D9/696

11,352,177 B2 * 6/2022 Belfance B65D 43/162
 D997,717 S * 9/2023 Grossetete D24/224
 D1,018,312 S * 3/2024 Grossetete D9/503
 2005/0118071 A1 * 6/2005 Sacherer B01L 9/527
 422/562
 2006/0219727 A1 10/2006 Giraud
 2007/0051739 A1 * 3/2007 Giraud B65D 83/0409
 220/4.23
 2007/0080093 A1 4/2007 Boozer et al.
 2007/0084735 A1 * 4/2007 Lancesseur B65D 43/164
 206/204
 2008/0035658 A1 * 2/2008 Caulfield B65D 43/162
 220/4.23
 2008/0185301 A1 8/2008 Merical
 2009/0095699 A1 * 4/2009 Milante B65D 50/045
 215/217
 2010/0051636 A1 3/2010 Logel et al.
 2010/0224646 A1 * 9/2010 Incorvia B65D 43/162
 220/837
 2011/0000930 A1 * 1/2011 Logel B65D 43/169
 220/849
 2011/0089187 A1 4/2011 Steiger
 2016/0130045 A1 * 5/2016 Giraud A61J 1/03
 220/315
 2017/0043914 A1 2/2017 Belfance et al.
 2017/0112181 A1 4/2017 Belfance et al.
 2017/0144804 A1 * 5/2017 Bois B65D 53/00
 2018/0162593 A1 6/2018 Herskovitz
 2018/0305093 A1 * 10/2018 Lucas, Jr. B65D 43/162
 2019/0047755 A1 2/2019 Giraud et al.
 2019/0092536 A1 3/2019 Freedman et al.
 2020/0031541 A1 1/2020 Pichot
 2020/0070392 A1 3/2020 Huber et al.
 2020/0255206 A1 8/2020 Freedman et al.
 2023/0028311 A1 1/2023 Robison
 2023/0124358 A1 * 4/2023 Grossetete B65D 51/30
 206/204

OTHER PUBLICATIONS

TVMDL Medical Vial: Site Visited (Apr. 15, 2024). Available from URL: https://tvmdl.tamu.edu/img_7565-edit-crop/.

Uline Plastic Vials: Site Visited (Apr. 15, 2024). Available from URL: https://www.uline.com/Product/Detail/S-19522/Labware/Plastic-Vials-2-oz?pricode=WB1253&gadtype=pla&id=S-19522&gad_source=4&gclid=CjwKCAjwoPOwBhAeEiwAJuXRh1tOY5zUrsj8sCbF5e3UyC7EBJIY_SN3h5VFB69Zv6rBKQWss-xBvRoC3YkQAvD_BwE.

Ezy Dose Pill Box: Announced (Mar. 13, 2017; online). Site Visited (Apr. 15, 2024). Available from URL: https://www.amazon.com/Medicine-Vitamin-Container-Storage-Child-Resistant/dp/B06XKX7CND/ref=sr_1_45?crid=YYYZEHU8VXNV&dib=eyJ2ljojMSJ9.vs-E4_gfMbkzD2uyQfumchIHTCa8AED41r3Zz1rnwS4N0aMrwD8Mi3R5FEoQenragaiHSod0hABnVQOZEmmKm2YXxs7sIK9jTkVV7MdMkl_nmb7OIWS9HthBScfWeo7Bo1Oz7tEI0MxZ8ddC5KVgzTgEldUW4E3ITgGCrIN02f4x-P3QDCJR.

International Search Report issued in application PCT/US11/63017, dated Apr. 3, 2012.

Written Opinion issued in application PCT/US11/63017, dated Apr. 3, 2012.

International Preliminary Report on Patentability issued in application PCT/US11/63017, dated Jun. 18, 2013.

Dram Pop Top Containers: https://www.discountmugs.com/product/edptc190-19-dram-pop-top-containers/?quantity=1&print_method=screen_print&color=Clear&utm_source=google_shopping&utm_medium=cpc&utm_campaign=%5BADL%5D+%5BPLA%5D+%5BShopping%5D++Remnant&utm_term=83429&utm_content=sGVsic5D5lpcridl362060392211lpkwlpmtlpdvclslidlpductl83429l.

Hinged Lid Energy Drink Powder Tubes: https://cooljarz.com/products/energy-powdered-drink-flip-top-tubes?_pos=1&_psq=energy%20drink&_ss=e&_v=1.0.

Activ-Vial Portfolio: <https://aptar.com/wp-content/uploads/2020/07/Brochure-Active-vial-Product-portfolio.pdf>.

(56) **References Cited**

OTHER PUBLICATIONS

CSP Technologies: <https://semanticscholar.org/paper/Comparative-Stability-of-Aspirin-in-CSP-and-Owens-Tata/f9f7a5223a7fa66fb69a43aeb24eb9b1356454e0/figure/2>.
Snap Top Microvials: Site Visited (Sep. 21, 2023). Available from URL: https://www.usplastic.com/catalog/item.aspx?itemid=97836&v1=&v7=&gad=1&gclid=Cj0KCQjw06-oBhC6ARIsAGuzdw1b2-sfgP7CnCRn-XQSh1JFNRLzRevL-ijjBRiCNRmz5DTHHCSc0ToaAhcAEALw_wcB.
Plastic Attached Lid Containers: Site Visited (Sep. 21, 2023). Available from URL: https://www.berlinpackaging.com/2924b01clr-0-12-oz-clear-pp-plastic-attached-lid-containers-clear-attached-cap/?promo=GOSAVE10&utm_source=google&utm_medium=cpc&utm_campaign=PMax%3A%20%28ROI%29%20Shopping%20-%20Smart%20-%20Everything%20Else&utm_id=17684163729&utm_content=&utm_term=&gclid=Cj0KCQjw06-oBhC6ARIsAGuzdw1.
Plastic Vials: Site Visited (Sep. 21, 2023). Available from URL: https://www.uline.com/Product/Detail/S-19522/Labware/Plastic-Vials-2-oz?pricode=WB1253&gadtype=pla&id=S-19522&gclid=Cj0KCQjw06-oBhC6ARIsAGuzdw3Rig4wlQtV0qtLB2nEGsfMglrRYOpkN2tdSx9eltYOvhnJf2J7w8aAjFKEALw_wcB.

* cited by examiner

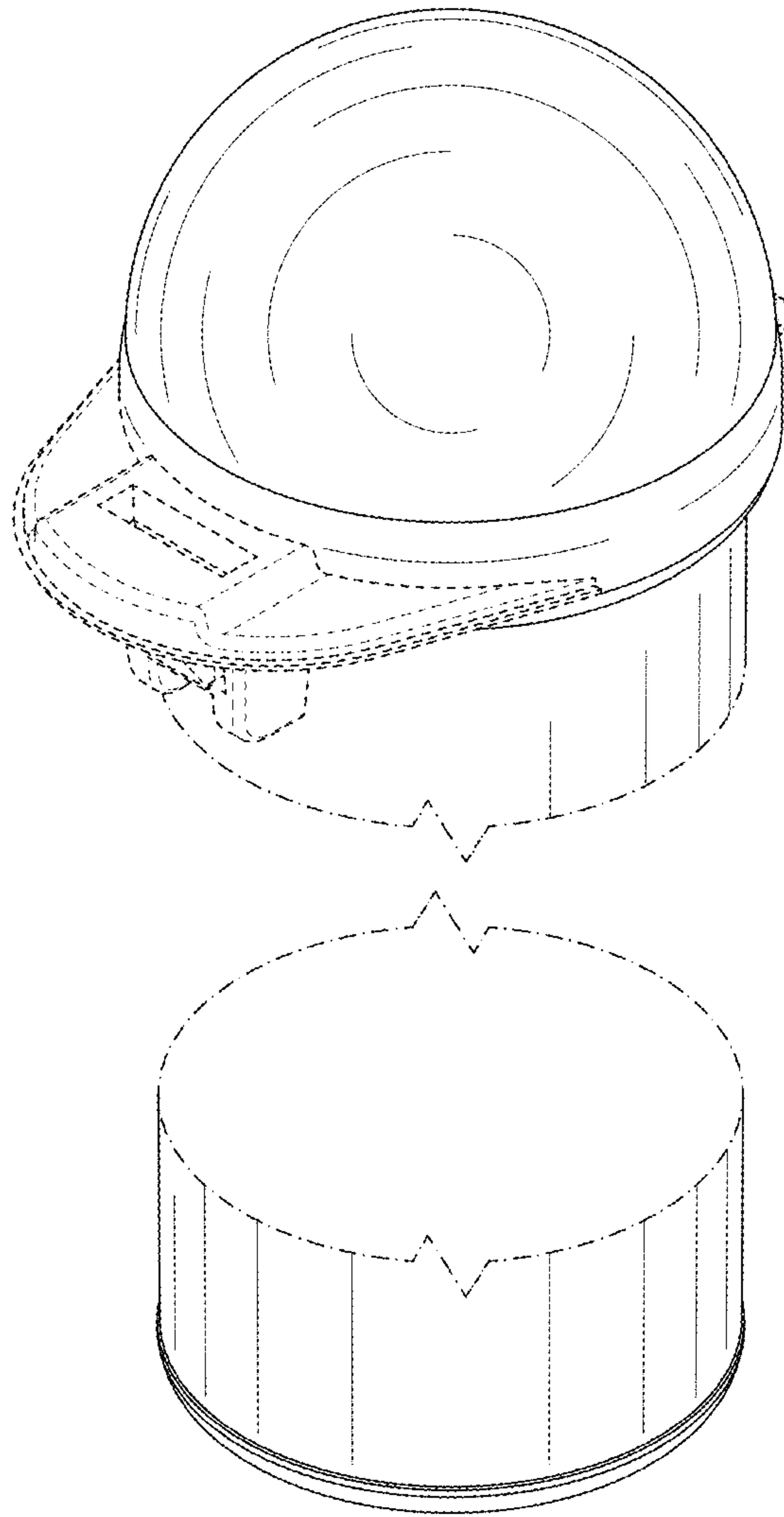


FIG. 1

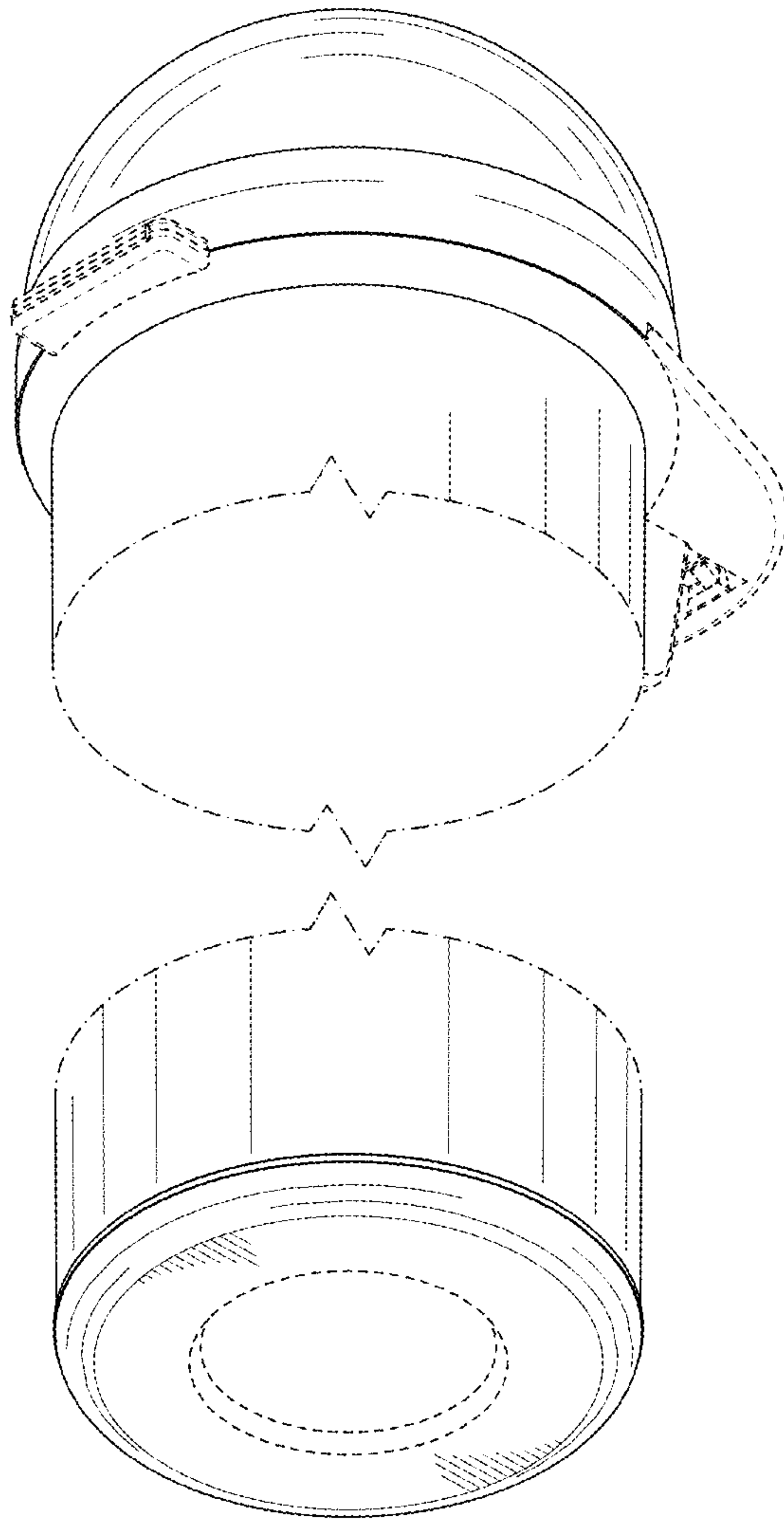


FIG. 2

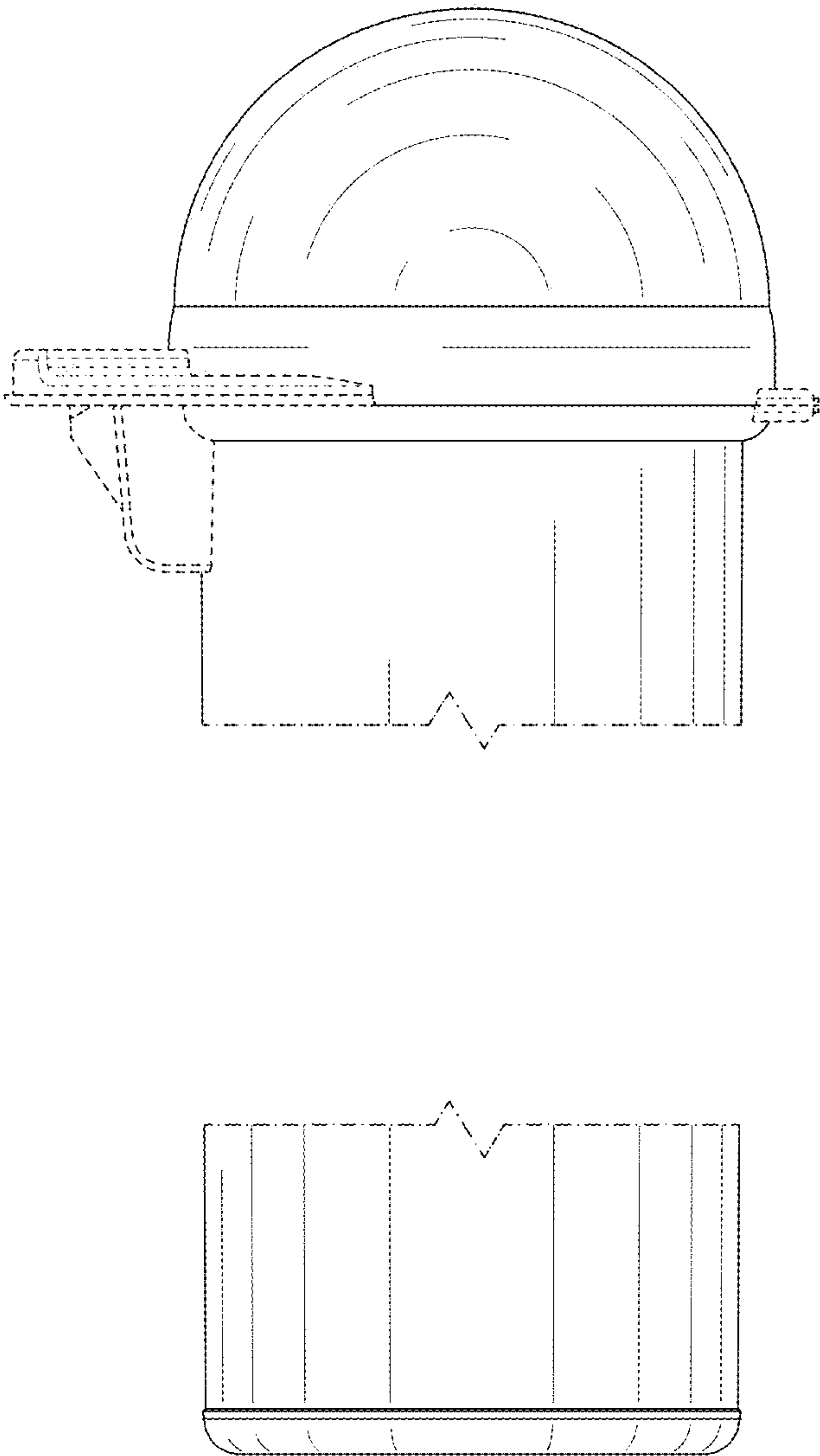


FIG. 3

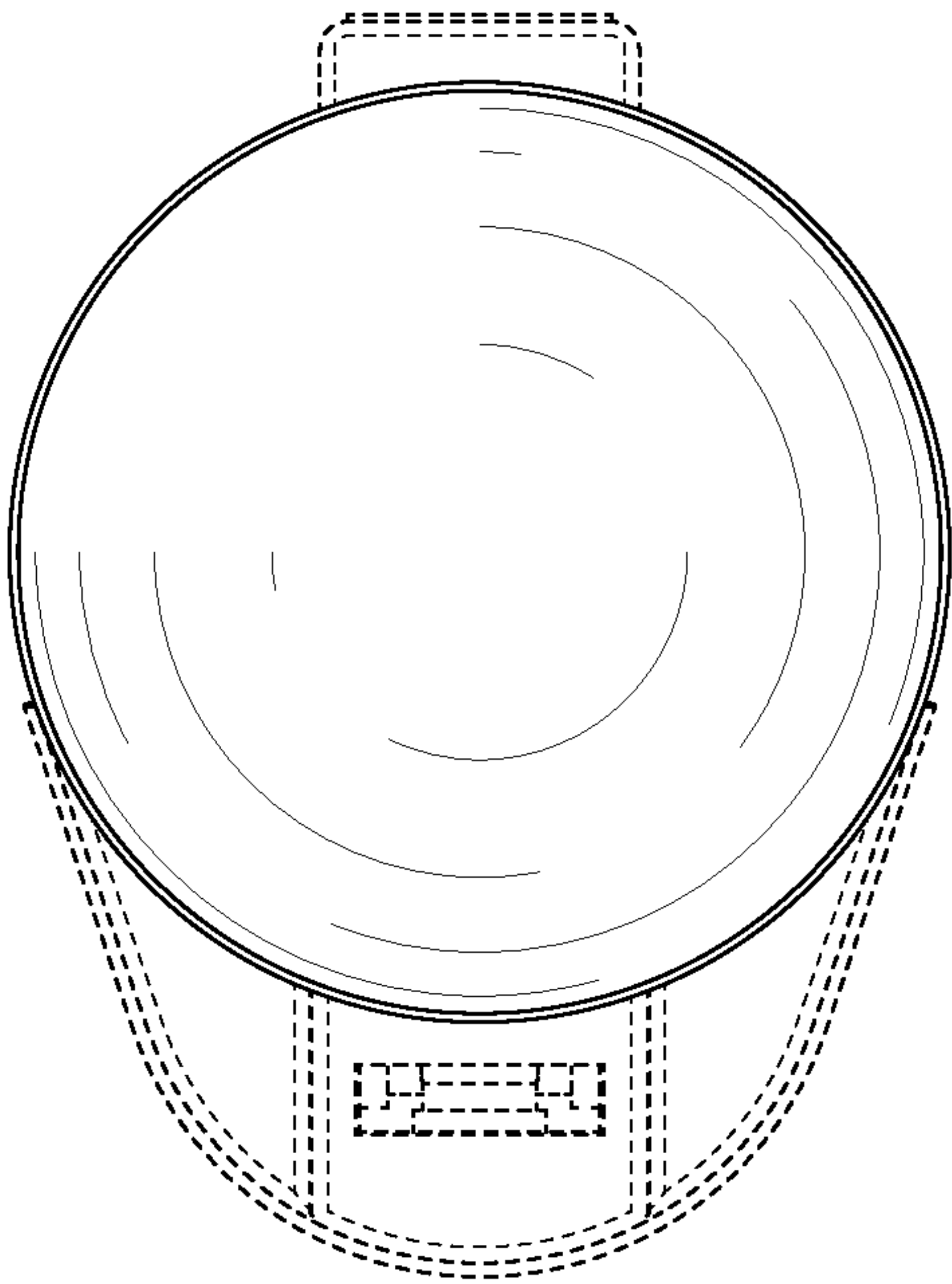


FIG. 4

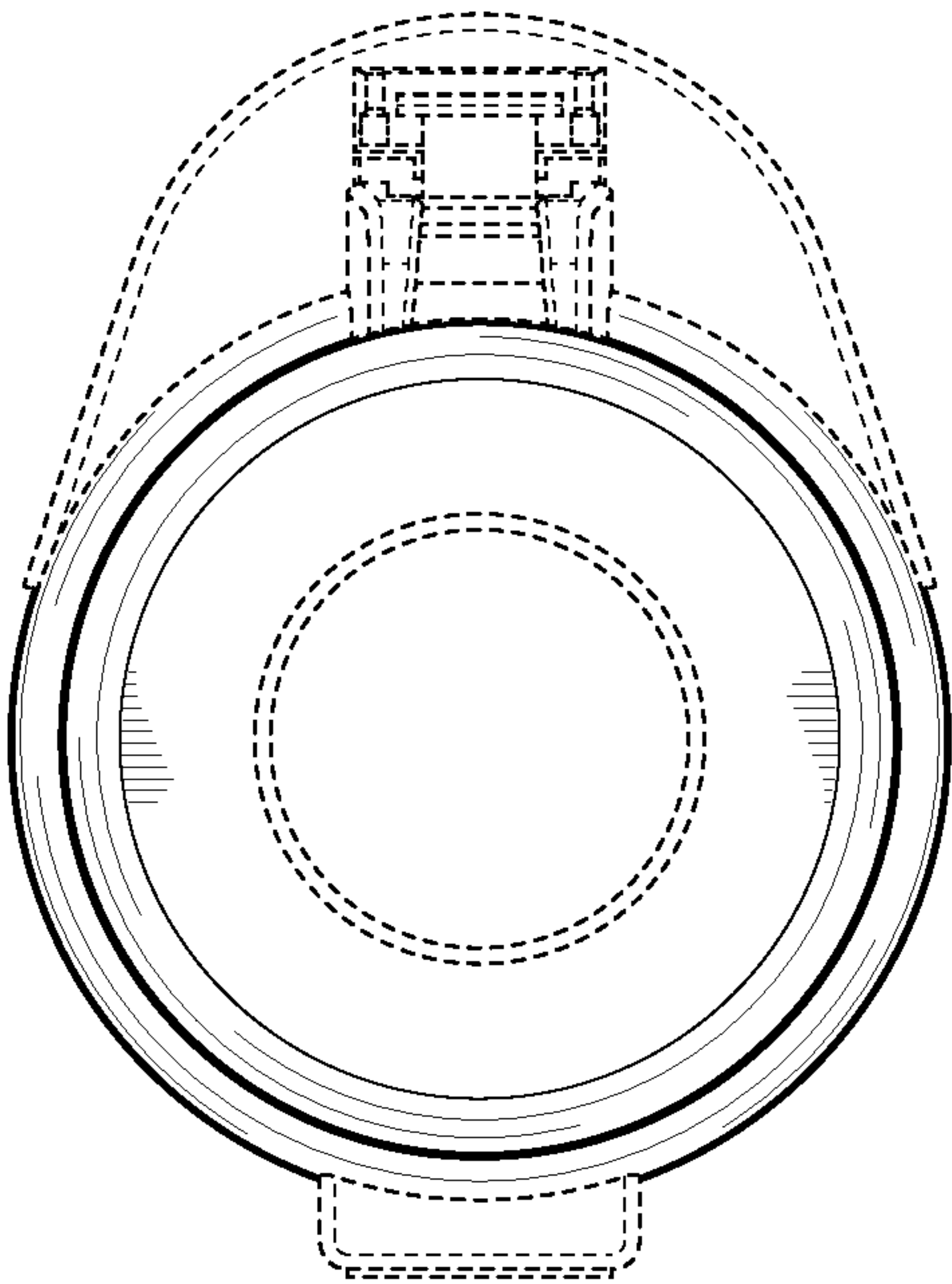


FIG. 5