



US00D809651S

(12) **United States Design Patent** (10) **Patent No.:** **US D809,651 S**
Au et al. (45) **Date of Patent:** **** Feb. 6, 2018**

(54) **COMBINATION BASE AND RESERVOIR FOR AN ORAL IRRIGATOR**

1,480,310 A 1/1924 Smith
1,498,267 A 6/1924 Hachman
1,650,686 A 11/1927 Binks
1,669,889 A 5/1928 Andrews et al.
1,681,320 A 8/1928 Bergl et al.

(Continued)

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FOREIGN PATENT DOCUMENTS

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CA 851479 9/1970
CH 655237 4/1986

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/571,571**

US RE27,274, 01/1972, Mattingly (withdrawn)

(22) Filed: **Jul. 19, 2016**

(Continued)

(51) **LOC (11) Cl.** **24-02**

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

USPC **D24/111**

(58) **Field of Classification Search**

USPC D24/108, 111-113, 133, 152, 176, 121, D24/127; D4/101, 138; D23/356, 359, D23/360, 386, 301, 309, 313; D9/432, D9/414; D3/203.1, 201, 200, 203.6; D11/143, 149, 152, 153, 155, 156; D6/534, 542-545; D7/601, 602, 612, D7/613, 306, 309

CPC A61C 17/0205; A61C 17/0202; A61C 17/224; A61C 17/20; A61C 17/005; A61C 17/028; A61C 17/02; A61C 17/36; A61C 17/00; A61C 17/0211; A61C 17/0214; A61C 17/28; A61C 17/043; A61C 17/22; A61C 17/222; A61C 17/225

See application file for complete search history.

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(57)

CLAIM

We claim the ornamental design for a combination base and reservoir for an oral irrigator, as shown and described.

DESCRIPTION

FIG. 1 is a front isometric view of a combination base and reservoir for an oral irrigator showing our new design in a stored configuration.

FIG. 2 is a rear isometric view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is a bottom plan view thereof.

FIG. 5 is a left side elevation view thereof.

FIG. 6 is a right side elevation view thereof.

FIG. 7 is a rear elevation view thereof; and,

FIG. 8 is a front elevation view thereof.

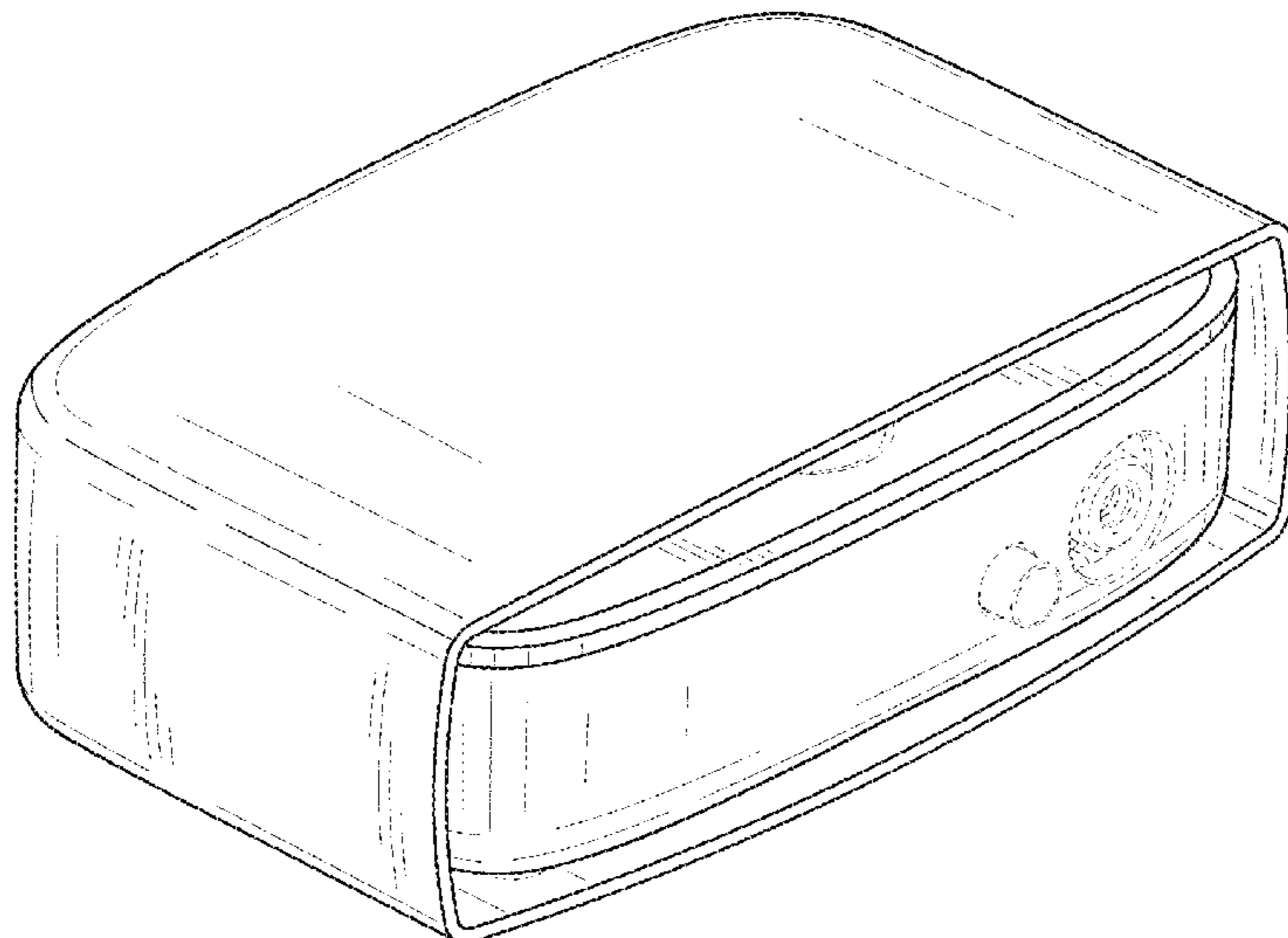
The broken lines in the drawings depict portions of the combination base and reservoir for an oral irrigator that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

555,588 A 3/1896 Spencer
1,278,225 A 9/1918 Schamberg
1,452,258 A 4/1923 Smith
1,464,419 A 8/1923 Gill

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

- 5,331,704 A 7/1994 Rosen et al.
5,344,317 A 9/1994 Pacher et al.
5,346,677 A 9/1994 Risk
D351,892 S 10/1994 Wolf et al.
5,360,338 A 11/1994 Waggoner
5,368,548 A 11/1994 Jousson
5,370,534 A 12/1994 Wolf et al.
D354,168 S 1/1995 Hartwein
D354,559 S 1/1995 Knute
5,378,149 A 1/1995 Stropko
5,380,201 A 1/1995 Kawata
D356,864 S 3/1995 Woog
5,399,089 A 3/1995 Eichman et al.
D358,883 S 5/1995 Vos
5,456,672 A 10/1995 Diederich et al.
5,465,445 A 11/1995 Yeh
5,467,495 A 11/1995 Boland et al.
5,468,148 A 11/1995 Ricks
5,470,305 A 11/1995 Arnett et al.
5,474,450 A 12/1995 Chronister
5,474,451 A 12/1995 Dalrymple et al.
5,476,379 A 12/1995 Disel
5,484,281 A 1/1996 Renow et al.
5,487,877 A 1/1996 Choi
5,490,779 A 2/1996 Malmin
5,505,916 A 4/1996 Berry, Jr.
D369,656 S 5/1996 Vos
D370,125 S 5/1996 Craft et al.
5,525,058 A 6/1996 Gallant et al.
5,526,841 A 6/1996 Detsch et al.
5,540,587 A 7/1996 Malmin
5,547,374 A 8/1996 Coleman
D373,631 S 9/1996 Maeda et al.
5,554,014 A 9/1996 Becker
5,554,025 A 9/1996 Kinsel
5,556,001 A 9/1996 Weissman et al.
5,564,629 A 10/1996 Weissman et al.
D376,893 S 12/1996 Gornet
D377,091 S 12/1996 Scott, Sr.
5,613,259 A 3/1997 Craft et al.
5,616,028 A 4/1997 Hafele et al.
5,626,472 A 5/1997 Pennetta
5,634,791 A 6/1997 Matsuura et al.
5,636,987 A 6/1997 Serfaty
5,640,735 A 6/1997 Manning
D382,407 S 8/1997 Craft et al.
5,653,591 A 8/1997 Loge
5,659,995 A 8/1997 Hoffman
5,667,483 A 9/1997 Santos
D386,576 S 11/1997 Wang et al.
5,683,192 A 11/1997 Kilfoil
5,685,829 A 11/1997 Allen
5,685,851 A 11/1997 Murphy et al.
5,697,784 A 12/1997 Hafele et al.
D388,612 S 1/1998 Stutzer et al.
D388,613 S 1/1998 Stutzer et al.
D389,091 S 1/1998 Dickinson
5,709,545 A 1/1998 Johnston et al.
D390,934 S 2/1998 McKeone
5,716,007 A 2/1998 Nottingham et al.
5,718,668 A 2/1998 Arnett et al.
5,746,595 A 5/1998 Ford
5,749,726 A 5/1998 Kinsel
5,759,502 A 6/1998 Spencer et al.
5,779,471 A 7/1998 Tseng et al.
5,779,654 A 7/1998 Foley et al.
5,795,153 A 8/1998 Rechmann
5,796,325 A 8/1998 Lundell et al.
5,833,065 A 11/1998 Burgess
5,836,030 A 11/1998 Hazeu et al.
D402,744 S 12/1998 Zuege
5,851,079 A 12/1998 Horstman et al.
D403,511 S 1/1999 Serbinski
D406,334 S 3/1999 Rosenthal et al.
5,876,201 A 3/1999 Wilson et al.
D408,511 S 4/1999 Allen et al.
5,901,397 A 5/1999 Hafele et al.
5,934,902 A 8/1999 Abahusayn
D413,975 S 9/1999 Maeda
D416,999 S 11/1999 Miyamoto
D417,082 S 11/1999 Classen et al.
5,993,402 A 11/1999 Sauer et al.
6,030,215 A 2/2000 Ellion et al.
6,038,960 A 3/2000 Fukushima et al.
6,039,180 A 3/2000 Grant
6,047,429 A 4/2000 Wu
D424,181 S 5/2000 Caplow
D425,615 S 5/2000 Bachman et al.
D425,981 S 5/2000 Bachman et al.
6,056,548 A 5/2000 Neuberger et al.
6,056,710 A 5/2000 Bachman et al.
D426,633 S 6/2000 Bachman et al.
6,089,865 A 7/2000 Edgar
6,116,866 A 9/2000 Tomita et al.
6,120,755 A 9/2000 Jacobs
6,124,699 A 9/2000 Suzuki et al.
D434,500 S 11/2000 Pollock et al.
6,159,006 A 12/2000 Cook et al.
6,164,967 A 12/2000 Sale et al.
D435,905 S 1/2001 Bachman et al.
D437,049 S 1/2001 Hartwein
6,193,512 B1 2/2001 Wallace
6,193,932 B1 2/2001 Wu et al.
6,199,239 B1 3/2001 Dickerson
6,200,134 B1 3/2001 Kovac
D439,781 S 4/2001 Spore
6,217,835 B1 4/2001 Riley et al.
D441,861 S 5/2001 Hafliger
6,233,773 B1 5/2001 Karge et al.
6,234,205 B1 5/2001 D'Amello et al.
6,237,178 B1 5/2001 Krammer et al.
6,247,929 B1 6/2001 Bachman et al.
6,280,190 B1 8/2001 Hoffman
D448,236 S 9/2001 Murray
6,293,792 B1 9/2001 Hanson
D449,884 S 10/2001 Tobin et al.
D453,453 S 2/2002 Lun
D455,201 S 4/2002 Jones
D455,203 S 4/2002 Jones
6,363,565 B1 4/2002 Paffrath
D457,949 S 5/2002 Krug
D464,799 S 10/2002 Crossman et al.
6,468,482 B1 10/2002 Frieze et al.
6,475,173 B1 11/2002 Bachman et al.
6,485,451 B1 11/2002 Roberts et al.
6,497,375 B1 12/2002 Srinath et al.
6,497,572 B2 12/2002 Hood et al.
6,502,584 B1 1/2003 Fordham
D470,660 S 2/2003 Schaber
6,558,344 B2 5/2003 McKinnon et al.
6,561,808 B2 5/2003 Neuberger et al.
D475,346 S 6/2003 McCurrach et al.
D476,743 S 7/2003 D'Silva
6,589,477 B1 7/2003 Frieze et al.
6,602,071 B1 8/2003 Ellion et al.
6,632,091 B1 10/2003 Cise et al.
D482,451 S 11/2003 Page et al.
6,640,999 B2 11/2003 Peterson
6,647,577 B2 11/2003 Tam
6,659,674 B2 12/2003 Carlucci et al.
6,663,386 B1 12/2003 Moelsgaard
6,669,059 B2 12/2003 Mehta
D484,971 S 1/2004 Hartwein
6,681,418 B1 1/2004 Bierend
D486,573 S 2/2004 Callaghan et al.
6,689,078 B1 2/2004 Rehkemper et al.
6,699,208 B2 3/2004 Bachman et al.
6,719,561 B2 4/2004 Gugel et al.
D489,183 S 5/2004 Akahori et al.
6,739,782 B1 5/2004 Rehkemper et al.
6,740,053 B2 5/2004 Kaplowitz
D490,899 S 6/2004 Gagnon
D491,728 S 6/2004 Jimenez
D492,996 S 7/2004 Rehkemper et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2008/0213719 A1 9/2008 Giniger et al.
 2008/0253906 A1 10/2008 Strong
 2009/0070949 A1 3/2009 Sagel et al.
 2009/0082706 A1 3/2009 Shaw
 2009/0124945 A1 5/2009 Reich et al.
 2009/0163839 A1 6/2009 Alexander
 2009/0188780 A1 7/2009 Watanabe
 2009/0281454 A1 11/2009 Baker et al.
 2010/0010524 A1 1/2010 Barrington
 2010/0015566 A1 1/2010 Shaw
 2010/0190132 A1 7/2010 Taylor et al.
 2010/0209870 A1 8/2010 Thomas et al.
 2010/0239998 A1 9/2010 Snyder et al.
 2010/0261134 A1 10/2010 Boyd et al.
 2010/0261137 A1 10/2010 Boyd et al.
 2010/0326536 A1 12/2010 Nan
 2010/0330527 A1 12/2010 Boyd et al.
 2011/0027749 A1 2/2011 Syed
 2011/0076090 A1 3/2011 Wu et al.
 2011/0097683 A1 4/2011 Boyd et al.
 2011/0139826 A1 6/2011 Hair et al.
 2011/0144588 A1 6/2011 Taylor et al.
 2011/0184341 A1 7/2011 Baker et al.
 2011/0307039 A1 12/2011 Cornell
 2012/0021374 A1 1/2012 Cacka et al.
 2012/0045730 A1 2/2012 Snyder et al.
 2012/0064480 A1 3/2012 Hegemann
 2012/0077145 A1 3/2012 Tsurukawa
 2012/0141952 A1 6/2012 Snyder et al.
 2012/0179118 A1 7/2012 Hair
 2012/0189976 A1 7/2012 McDonough et al.
 2012/0266396 A1 10/2012 Leung
 2012/0277663 A1 11/2012 Millman et al.
 2012/0277677 A1 11/2012 Taylor et al.
 2012/0277678 A1 11/2012 Taylor et al.
 2012/0279002 A1 11/2012 Sokol et al.
 2012/0295220 A1 11/2012 Thomas et al.
 2013/0295520 A1 11/2013 Hsieh
 2014/0106296 A1 4/2014 Woodard et al.
 2014/0193774 A1 7/2014 Snyder et al.
 2014/0259474 A1 9/2014 Sokol et al.
 2014/0272769 A1 9/2014 Luetzgen et al.
 2014/0272782 A1 9/2014 Luetzgen et al.
 2014/0352088 A1 12/2014 Wu
 2015/0004559 A1 1/2015 Luetzgen et al.
 2015/0147717 A1 5/2015 Taylor et al.
 2015/0173850 A1 6/2015 Garrigues et al.
 2015/0182319 A1 7/2015 Wagner et al.
 2016/0100921 A1 4/2016 Ungar
 2016/0151133 A1 6/2016 Luetzgen et al.

FOREIGN PATENT DOCUMENTS

CN 204049908 12/2014
 DE 1466963 5/1969
 DE 2019003 11/1971
 DE 2409752 9/1975
 DE 2545936 4/1977
 DE 2714876 10/1978
 DE 2910982 2/1980
 DE 3346651 7/1985
 EP 0023672 7/1980
 EP 0515983 2/1992
 EP 1825827 8/2007
 FR 2556954 6/1985
 FR 2654627 5/1991
 GB 838564 6/1960
 GB 1182031 2/1970
 GB 2018605 10/1979
 JP 2-134150 5/1990
 JP 2009-39455 2/2009
 KR 20120126265 11/2012

WO WO95/016404 6/1995
 WO WO01/10327 2/2001
 WO WO04/021958 3/2004
 WO WO04/039205 5/2004
 WO WO2004/060259 7/2004
 WO WO2004/062518 7/2004
 WO WO2008/070730 6/2008
 WO WO2008/157585 12/2008
 WO WO2013/124691 8/2013

OTHER PUBLICATIONS

Cordless Water Floss Portable Oral Irrigator. AliExpress. Date reviewed: Jan. 12, 2017. <<https://www.aliexpress.com/item/Cordless-Water-Floss-Portable-Oral-Irrigator-Dental-Water-Flosser-Waterpic-Whatpick-Dental-Water-Pic-Whater-Pick/32769416341.html?spm=2114.40010308.4.75.OwuzfJ>>.*
 The Right Tool, Electron Fusion Devices, Inc., 2 pages, at least as early as Feb. 1991.
 Japanese Packaging, 2 pages, at least as early as Dec. 2002.
 Japanese Instruction Brochure, 20 pages, at least as early as Dec. 2002.
 Brochure: Woog International, "You have a 98% chance of getting gum disease. Unless you read this.", Lancaster, Pennsylvania, 5 pages, Feb. 1987.
 Brochure: Woog International, "We put the control of home dental care back into the hands of the professional", Lancaster, Pennsylvania, 2 pages, Feb. 1987.
 Brochure: WOOG International, "Products at a Glance: Home Dental Care System" WOOG Orajet, 3 pages, at least as early as Dec. 18, 1998.
 Website: http://www.just4teeth.com/product/Panasonic/Panasonic_Portable_Irrigator.htm, 2 pages, at least as early as Jun. 20, 2003.
 Website: http://www.videodirectstore.com/store/merchant.mv?Screen=PROD&Product_Code=EW1'..., 2 pages, at least as early as Jun. 20, 2003.
 Website: <http://products.consumerguide.com/cp/family/review/index.cfm/id/18742>, 2 pages, at least as early as Jun. 20, 2003.
 Website: <http://www.racekarteng.com/images/walbroparts.gif> and <http://www.muller.net/mullermachine/docs/walbro1.html>, 4 pages, at least as early as Jun. 20, 2003.
 European Search Report, EPO Application No. 07250799.9, dated Jul. 5, 2007.
 European Search Report, EPO Application No. 07252693.2, 14 pages, dated Apr. 28, 2008.
 European Examination Report, EPO Application No. 07250799.9, dated Feb. 5, 2009.
 International Search Report, Application No. PCT/US2010/028180, 2 pages, dated May 18, 2010.
 International Search Report, PCT/US2010/060800, 2 pages, dated Feb. 11, 2011.
 International Search Report, PCT/US2011/052795, 10 pages, dated Jan. 17, 2012.
 Waterpik SinuSense Website: <http://www.insightsbyapril.com/2012/03/waterpik-natural-remedy-for-sinus.html>, 8 pages, retrieved on May 31, 2012.
 Website: <https://www.waterpik.com/about-us/>, 3 pages.
 Waterpik WP350W Oral Irrigator. Dentist.net. Copyright date 2013. Date accessed: Mar. 30, 2017, 2 pages.
 iPik Portable Oral Irrigator. AliExpress. Date reviewed: Oct. 5, 2016. https://www.aliexpress.com/...e-Oral-Care-Product-Nasal-Irrigator-Tooth-Flosser-Water/1525541997.html?aff_platform=aaf&cpt=1490913714609&sk=yfAeyJa&aff_trace_key=c5a300c4f02e46d08c042f5292e1762f-1490913714609-07517-yfAeyJa, 18 pages.
 Brite Leafs Professional Portable 2-in-1 Nasal Sinus & Oral Irrigator. Brite Leafs. Copyright date 2012, <http://www.briteleafs.com/product6.html>, 1 page.

* cited by examiner

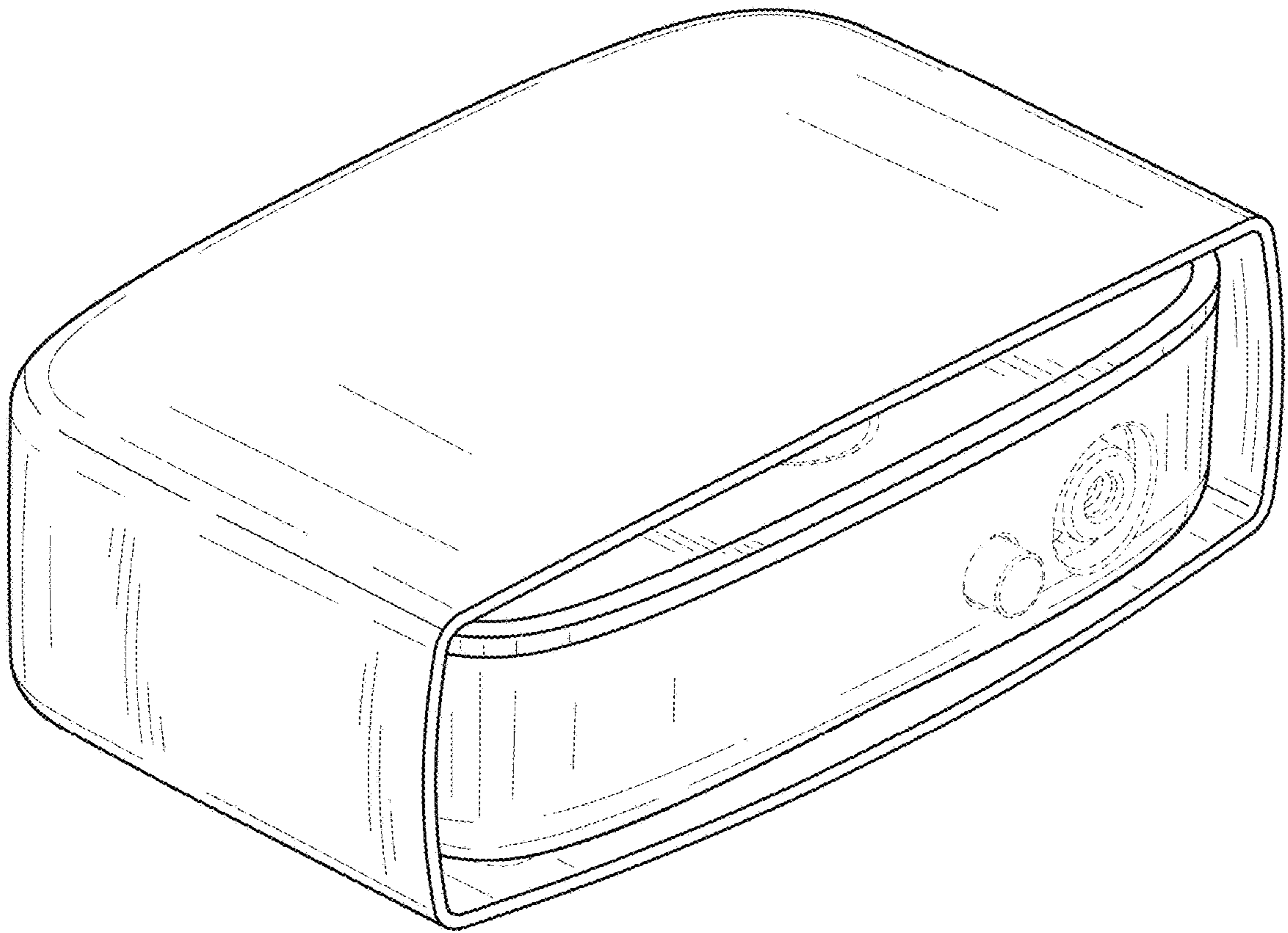


FIG. 1

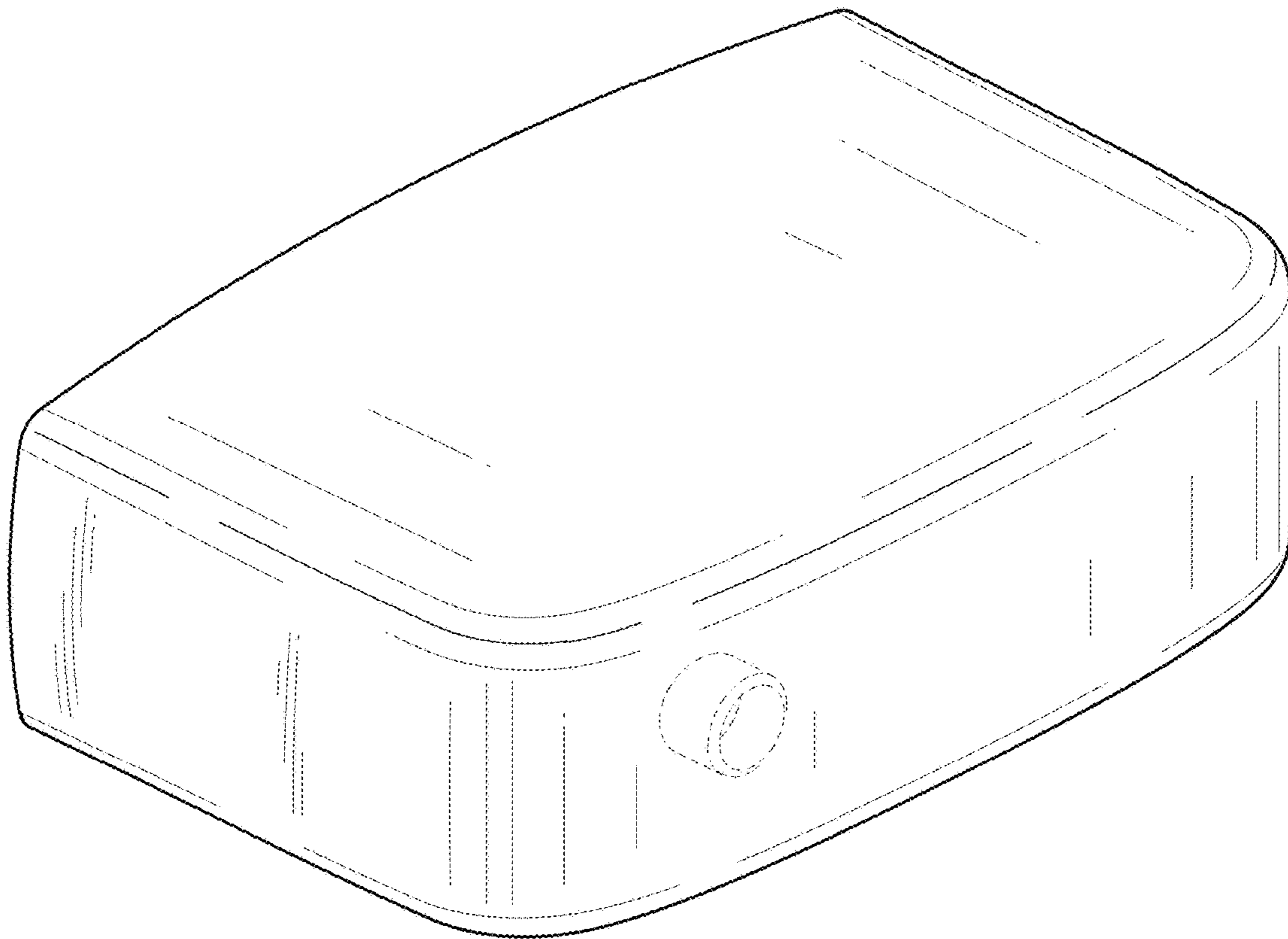


FIG. 2

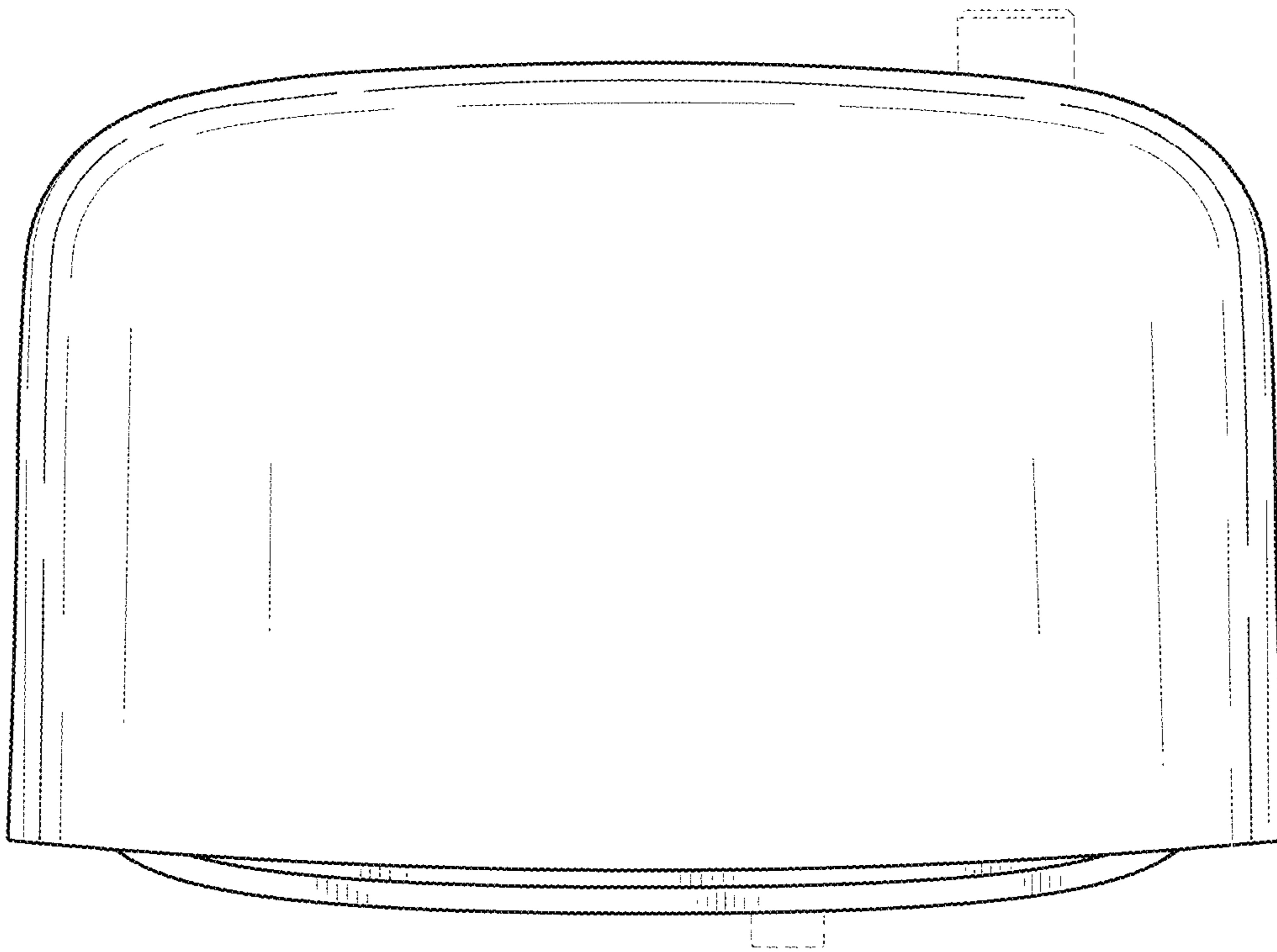


FIG. 3

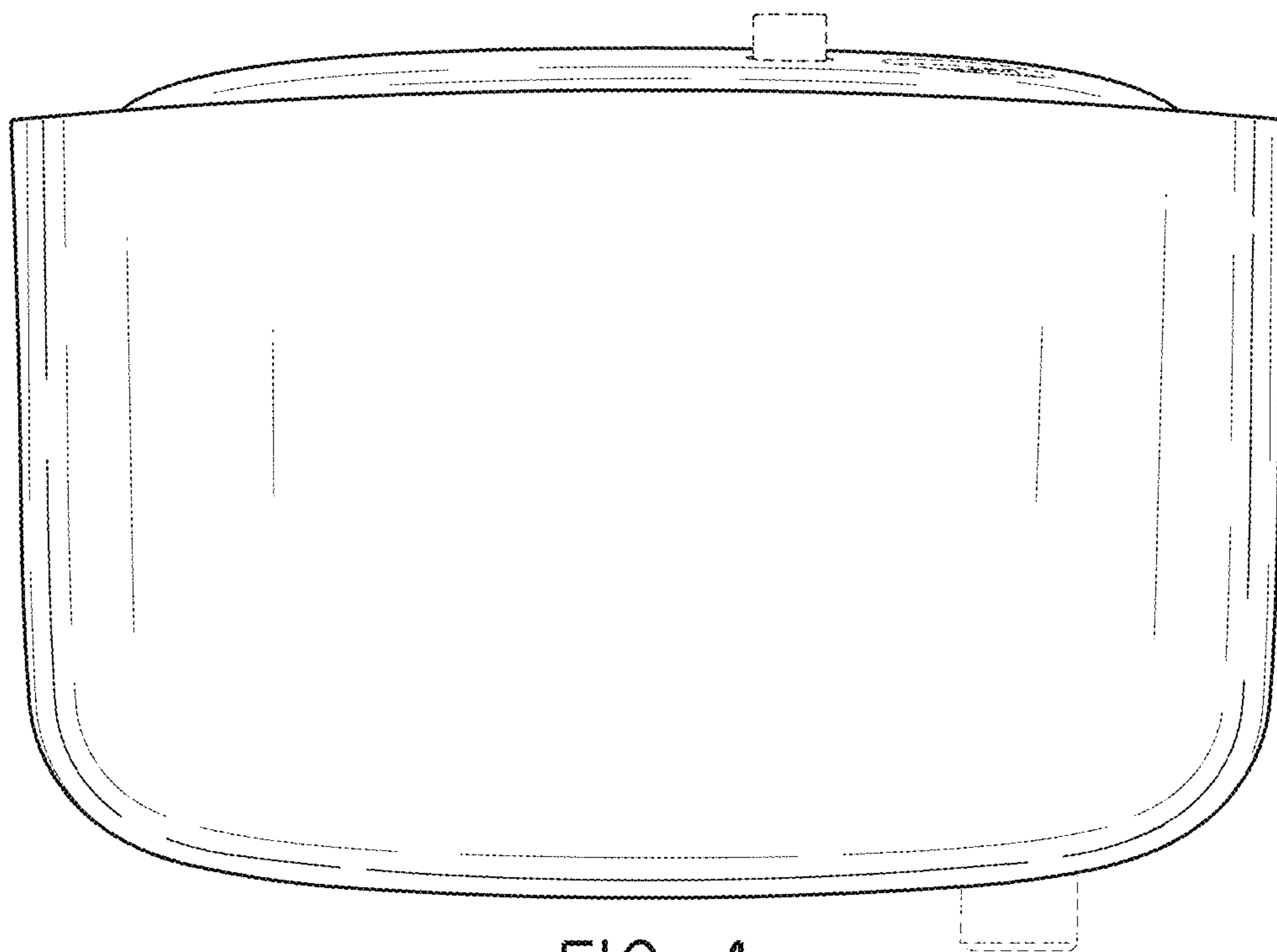


FIG. 4

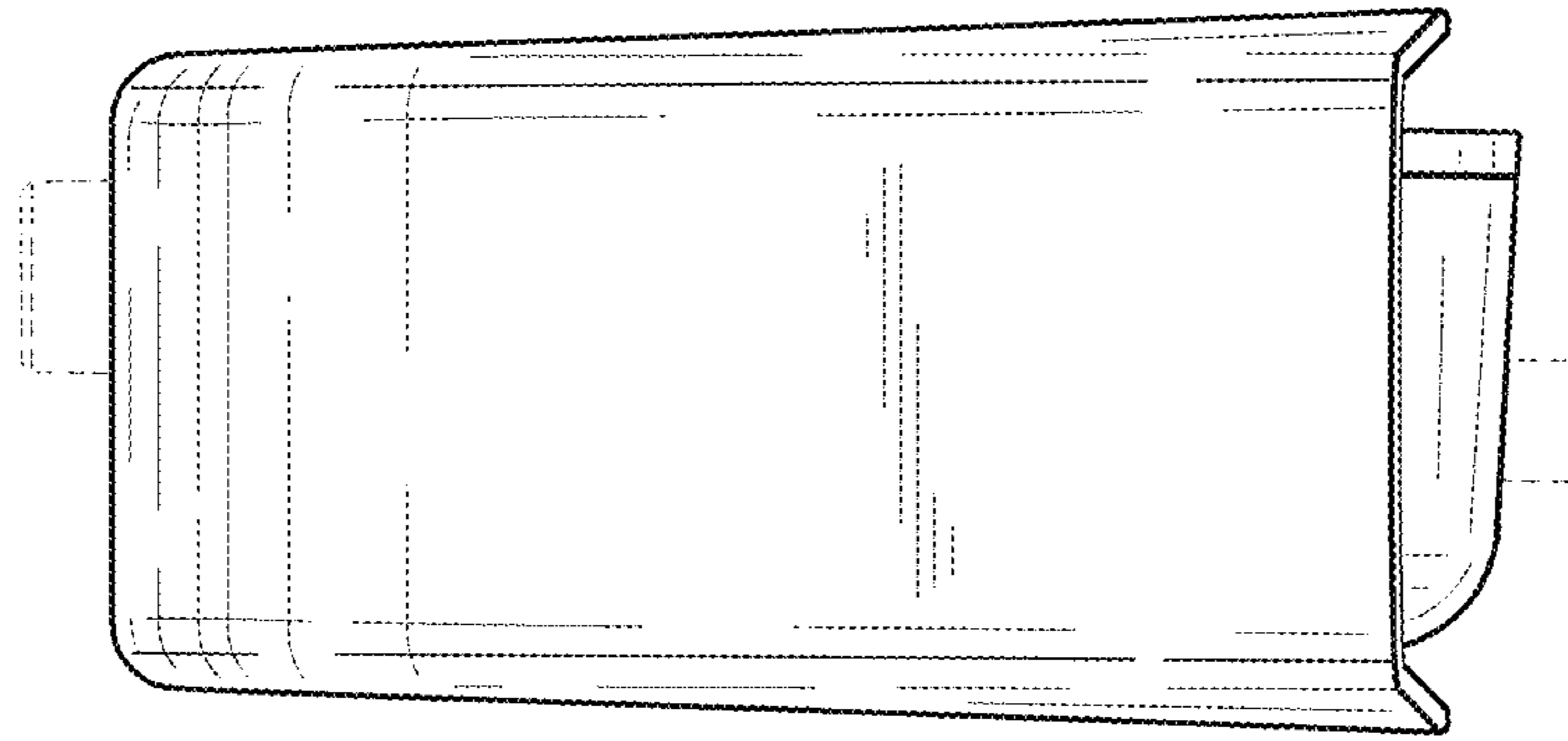


FIG. 5

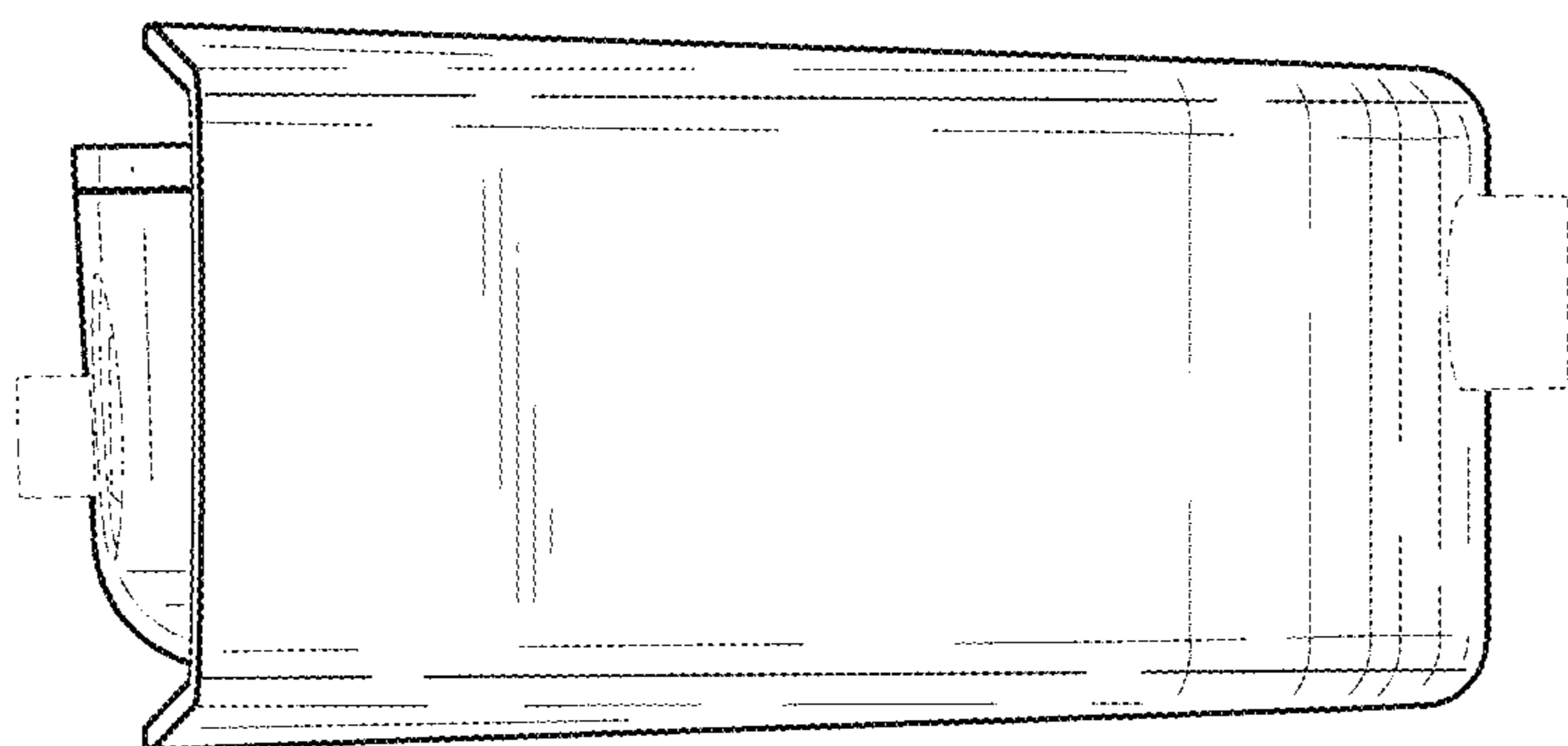


FIG. 6

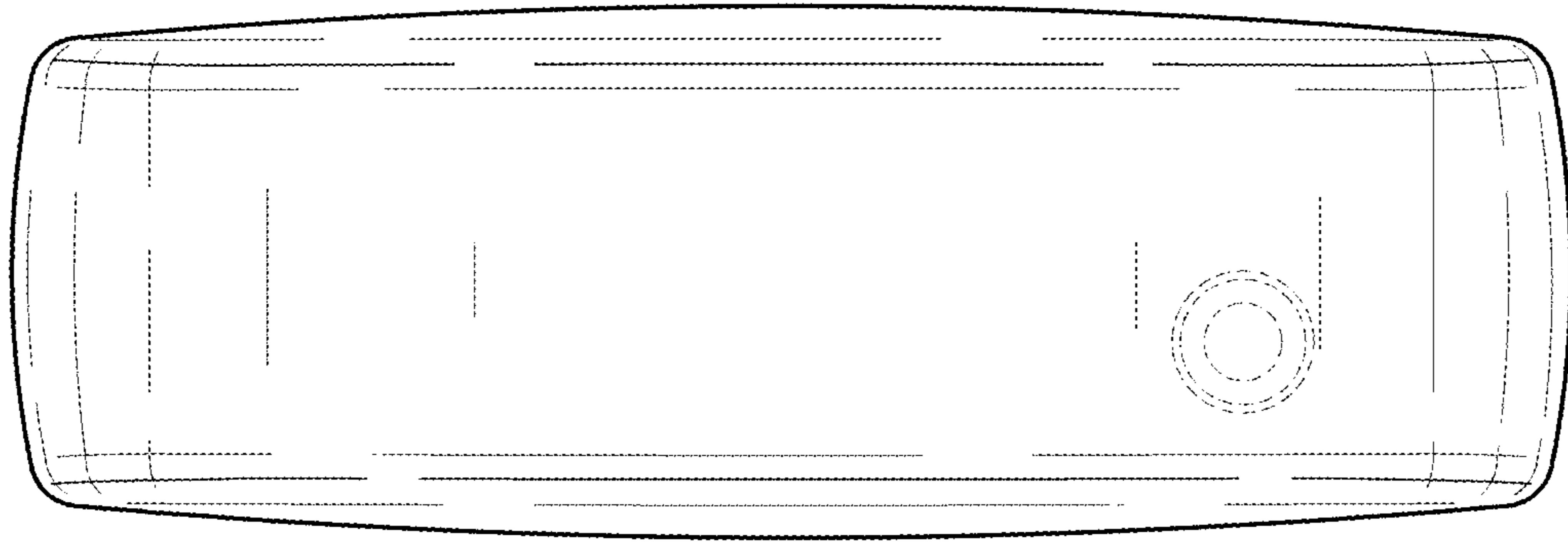


FIG. 7

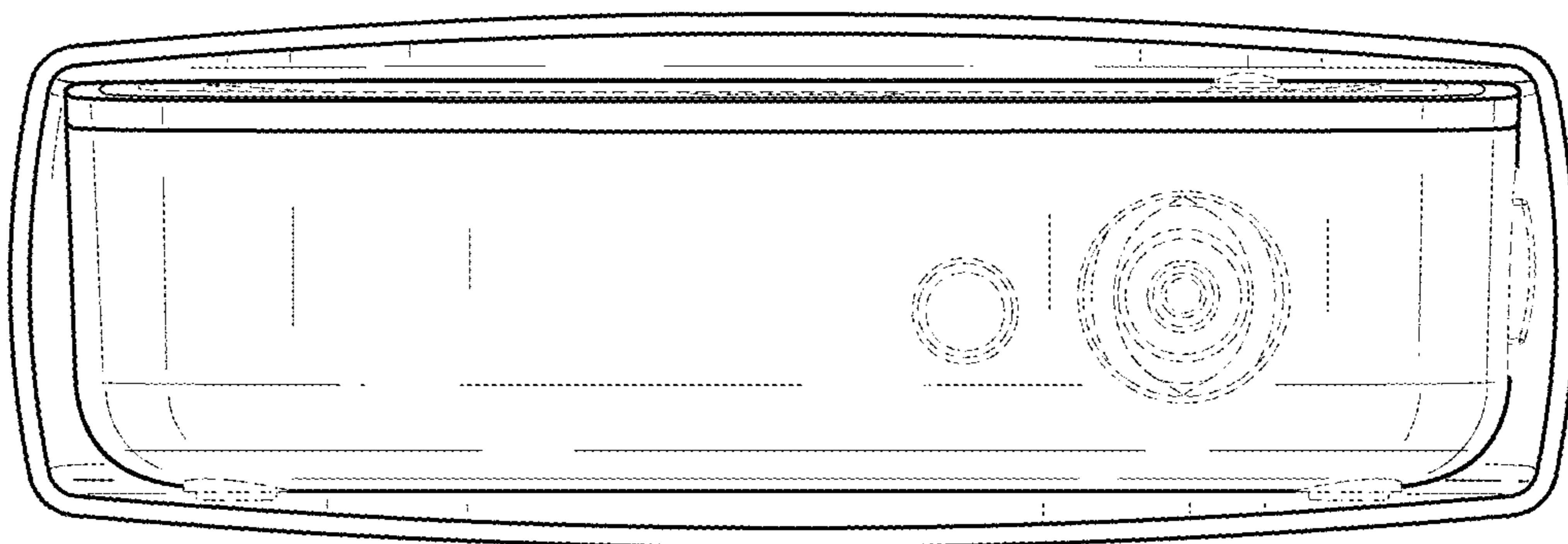


FIG. 8