



US00D854198S

(12) **United States Design Patent** (10) **Patent No.:** **US D854,198 S**
Goscha et al. (45) **Date of Patent:** **** Jul. 16, 2019**

(54) **INDUCTIVE LAMP**

(71) Applicant: **Lucidity Lights, Inc.**, Charlestown, MA (US)

(72) Inventors: **John R. Goscha**, Boston, MA (US); **Bruce C. Larson**, Lexington, MA (US); **Camil Ghiu**, Danvers, MA (US); **Jacob Agger**, Cambridge, MA (US)

(73) Assignee: **Lucidity Lights, Inc.**, Charlestown, MA (US)

4,568,859 A 2/1986 Houkes et al.
 4,710,678 A 12/1987 Houkes et al.
 4,727,294 A 2/1988 Houkes et al.
 4,840,747 A 6/1989 Fan et al.
 4,914,356 A 4/1990 Cockram
 4,977,346 A 12/1990 Gibson et al.
 4,977,354 A 12/1990 Bergervoet et al.
 5,083,251 A 1/1992 Parker et al.
 5,200,672 A 4/1993 Sheynberg et al.
 5,239,238 A 8/1993 Bergervoet et al.
 5,325,018 A 6/1994 El-Hamamsy

(Continued)

FOREIGN PATENT DOCUMENTS

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

CN 1700407 A 11/2005
 EP 1705691 A1 9/2006

(Continued)

(21) Appl. No.: **29/631,201**

(22) Filed: **Dec. 28, 2017**

OTHER PUBLICATIONS

(51) **LOC (11) Cl.** **26-04**

(52) **U.S. Cl.**
USPC **D26/2**

(58) **Field of Classification Search**

USPC D26/1-4
 CPC F21K 9/13; F21K 9/135; F21K 9/1375;
 H01R 5/00; H01R 13/46; H01R 13/514;
 H01R 31/048; H01R 31/02; H01J 5/00;
 H01J 5/16; H01J 1/02; H01J 15/00; H01J
 5/48; H01J 5/50; H01J 19/54; F21V 5/00;
 F21V 13/00; F21V 29/004

See application file for complete search history.

U.S. Appl. No. 15/856,422, filed Dec. 28, 2017, Tenzin Wangjor Nanchung, Pending.
 “GE 82137-5 60-Watt Reveal with Halogen Long Life A19 Light Bulb”, Amazon.com, http://www.amazon.com/gp/product/images/B00328GSVM/ref=dp_image_z_0?ie=UTF8&n=228013&s=hi, (accessed Aug. 26, 2014), 1 page.

(Continued)

Primary Examiner — Marcus A Jackson
 (74) *Attorney, Agent, or Firm* — GTC Law Group PC & Affiliates

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,030,957 A 2/1936 Bethenod et al.
 3,007,071 A 10/1961 Lompe et al.
 3,521,120 A 7/1970 Anderson
 3,749,467 A 7/1973 Emidy et al.
 3,904,916 A 9/1975 Emidy et al.
 4,010,400 A 3/1977 Hollister
 4,219,760 A 8/1980 Ferro
 4,266,167 A 5/1981 Proud et al.
 4,427,921 A 1/1984 Proud et al.
 4,559,478 A 12/1985 Fuller et al.

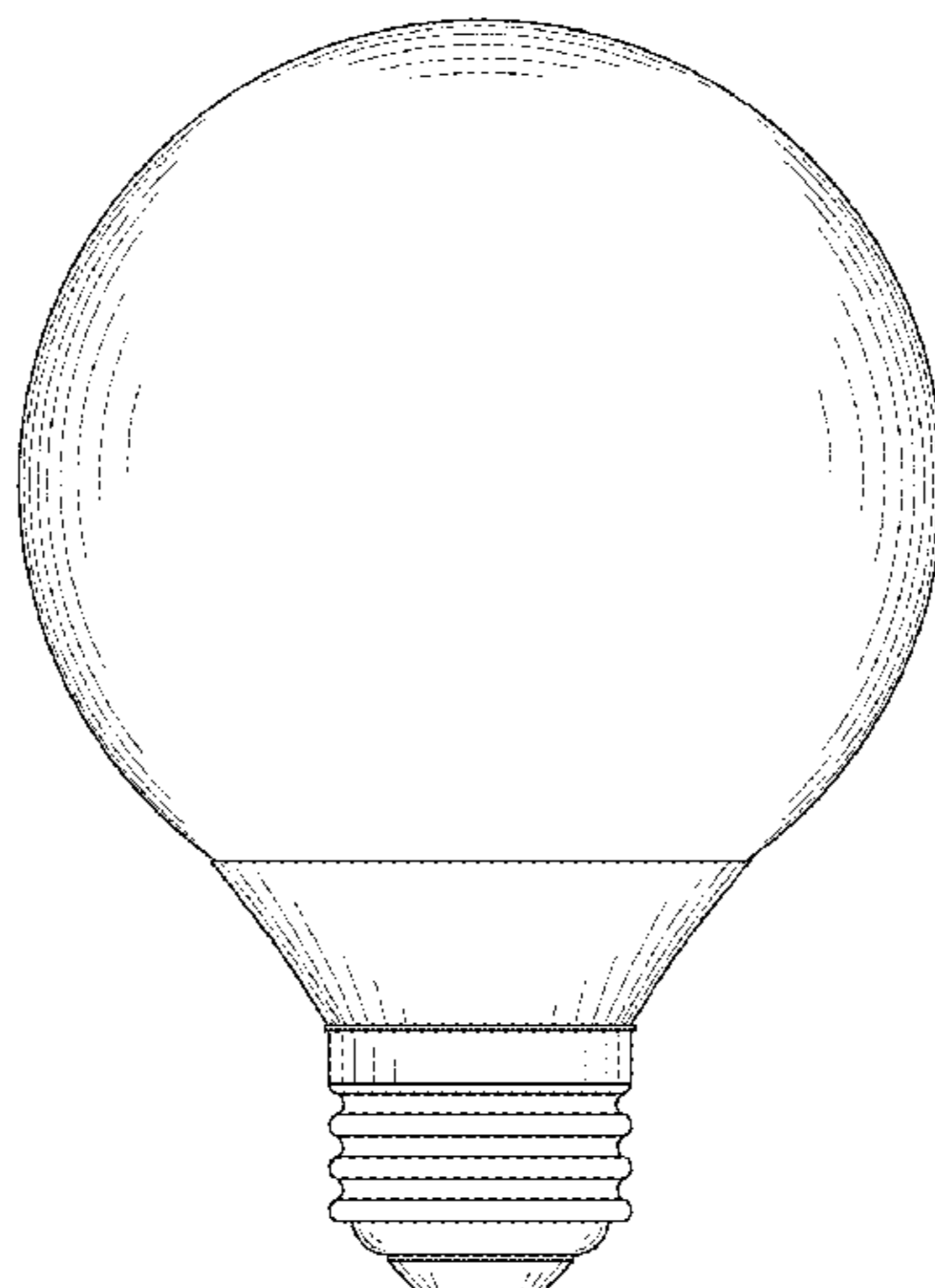
(57) **CLAIM**

The ornamental design for an inductive lamp, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of an inductive lamp;
 FIG. 2 is a top plan view thereof; and,
 FIG. 3 is a bottom plan view thereof.
 No particular color scheme forms part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | | |
|--------------|---------|----------------------------|-----------------|---------|---------------------|-------|
| 5,387,850 A | 2/1995 | Bray et al. | D673,699 S * | 1/2013 | Yao | D26/2 |
| 5,404,082 A | 4/1995 | Hernandez et al. | D680,246 S * | 4/2013 | Jang | D26/2 |
| 5,412,280 A | 5/1995 | Scott et al. | 8,536,799 B1 | 9/2013 | Grisamore et al. | |
| 5,434,482 A | 7/1995 | Borowiec et al. | 8,602,621 B2 | 12/2013 | Li et al. | |
| 5,446,350 A | 8/1995 | El-Hamamsy et al. | 8,628,220 B2 | 1/2014 | Boonekamp et al. | |
| 5,461,284 A | 10/1995 | Roberts et al. | 8,698,413 B1 | 4/2014 | Godyak et al. | |
| 5,465,028 A | 11/1995 | Antonis et al. | 8,872,426 B2 | 10/2014 | Alexandrov et al. | |
| 5,561,351 A | 10/1996 | Vrionis et al. | 8,901,842 B2 | 12/2014 | Roberts | |
| 5,598,069 A | 1/1997 | Van Os et al. | 8,941,304 B2 | 1/2015 | Goscha et al. | |
| 5,604,411 A | 2/1997 | Venkitasubrahmanian et al. | 8,975,829 B2 | 3/2015 | Roberts et al. | |
| 5,621,266 A | 4/1997 | Popov et al. | 9,129,791 B2 | 9/2015 | Godyak et al. | |
| 5,650,694 A | 7/1997 | Jayaraman et al. | 9,129,792 B2 | 9/2015 | Goscha et al. | |
| 5,773,926 A | 6/1998 | Maya et al. | 9,161,422 B2 | 10/2015 | Alexandrov et al. | |
| 5,783,912 A | 7/1998 | Cocoma et al. | D745,981 S | 12/2015 | Goscha et al. | |
| 5,789,855 A | 8/1998 | Forsdyke et al. | D745,982 S | 12/2015 | Goscha et al. | |
| 5,796,214 A | 8/1998 | Nerone | D746,490 S | 12/2015 | Goscha et al. | |
| 5,808,414 A | 9/1998 | Wharmby et al. | 9,209,008 B2 | 12/2015 | Goscha et al. | |
| 5,825,130 A | 10/1998 | Nerone et al. | D747,009 S | 1/2016 | Goscha et al. | |
| 5,834,905 A | 11/1998 | Godyak et al. | D747,507 S | 1/2016 | Goscha et al. | |
| 5,841,229 A | 11/1998 | Borowiec et al. | 9,245,734 B2 | 1/2016 | Goscha et al. | |
| 5,847,508 A | 12/1998 | Borowiec et al. | 9,263,944 B2 | 2/2016 | Touzelbaev | |
| 5,866,991 A | 2/1999 | Farkas et al. | 9,305,765 B2 | 4/2016 | Goscha et al. | |
| 5,872,429 A | 2/1999 | Xia et al. | 9,460,907 B2 | 10/2016 | Goscha et al. | |
| 5,886,472 A | 3/1999 | Alexandrovich et al. | 9,524,861 B2 | 12/2016 | Goscha et al. | |
| 5,952,792 A | 9/1999 | Borowiec et al. | 9,911,589 B2 | 3/2018 | Goscha et al. | |
| 5,959,405 A | 9/1999 | Soules et al. | 2001/0000941 A1 | 5/2001 | Chandler et al. | |
| 5,994,848 A | 11/1999 | Janczak | 2002/0036472 A1 | 3/2002 | Kurachi et al. | |
| 6,005,355 A | 12/1999 | Siao | 2003/0107332 A1 | 6/2003 | Newman, Jr. et al. | |
| 6,064,155 A | 5/2000 | Maya et al. | 2003/0222557 A1 | 12/2003 | Kurachi et al. | |
| 6,081,070 A | 6/2000 | Popov et al. | 2004/0263093 A1 | 12/2004 | Matsubayashi et al. | |
| 6,084,359 A | 7/2000 | Hetzel et al. | 2005/0017656 A1 | 1/2005 | Takahashi et al. | |
| 6,137,236 A | 10/2000 | Michiels et al. | 2005/0057186 A1 | 3/2005 | Kurachi et al. | |
| 6,181,079 B1 | 1/2001 | Chang et al. | 2005/0122057 A1 | 6/2005 | Chen et al. | |
| D443,703 S | 6/2001 | Sood | 2005/0200285 A1 | 9/2005 | Foo et al. | |
| 6,242,872 B1 | 6/2001 | Ha | 2005/0206322 A1 | 9/2005 | Hochi et al. | |
| 6,288,490 B1 | 9/2001 | Popov | 2005/0280344 A1 | 12/2005 | Godyak et al. | |
| 6,313,587 B1 | 11/2001 | MacLennan et al. | 2006/0006784 A1 | 1/2006 | Takahara et al. | |
| 6,348,767 B1 | 2/2002 | Chen et al. | 2006/0022214 A1 | 2/2006 | Morgan et al. | |
| 6,392,366 B1 | 5/2002 | Nerone | 2006/0071584 A1 | 4/2006 | Kurachi et al. | |
| 6,407,514 B1 | 6/2002 | Glaser et al. | 2007/0057642 A1 | 3/2007 | Pruett | |
| 6,417,615 B1 | 7/2002 | Yasuda et al. | 2007/0063656 A1 | 3/2007 | Wursching et al. | |
| 6,433,493 B1 | 8/2002 | Ilyes et al. | 2007/0262719 A1 | 11/2007 | Lau et al. | |
| 6,522,084 B1 | 2/2003 | Miyazaki et al. | 2008/0164829 A1 | 7/2008 | Lee et al. | |
| 6,528,954 B1 | 3/2003 | Lys et al. | 2008/0278056 A1 | 11/2008 | Lukacs et al. | |
| D479,886 S | 9/2003 | Kakuno et al. | 2009/0167184 A1 | 7/2009 | Wursching et al. | |
| D480,486 S | 10/2003 | Kakuno | 2009/0322237 A1 | 12/2009 | Bobel | |
| 6,762,550 B2 | 7/2004 | Itaya et al. | 2010/0008086 A1 | 1/2010 | Broitzman et al. | |
| D494,688 S | 8/2004 | Van De Ven et al. | 2010/0176733 A1 | 7/2010 | King | |
| D506,840 S | 6/2005 | Van De Ven et al. | 2010/0225240 A1 | 9/2010 | Shearer et al. | |
| D508,575 S * | 8/2005 | Buschmann | 2010/0270942 A1 | 10/2010 | Hui et al. | |
| 6,977,472 B2 | 12/2005 | Matsubayashi et al. | 2011/0074277 A1 | 3/2011 | Speer et al. | |
| 7,049,763 B2 | 5/2006 | Hochi et al. | 2011/0080104 A1 | 4/2011 | Gray et al. | |
| D528,674 S | 9/2006 | Gonzalez | 2011/0095687 A1 | 4/2011 | Jonsson et al. | |
| 7,119,486 B2 | 10/2006 | Godyak et al. | 2012/0146525 A1 | 6/2012 | Hui et al. | |
| D531,741 S * | 11/2006 | Takahashi | 2012/0188769 A1 | 7/2012 | Lau et al. | |
| 7,180,230 B2 | 2/2007 | Godyak et al. | 2012/0235597 A1 | 9/2012 | Nerone | |
| D538,950 S * | 3/2007 | Maxik | 2012/0286689 A1 | 11/2012 | Newman et al. | |
| D538,953 S | 3/2007 | Mama | 2013/0033177 A1 | 2/2013 | Rooijackers et al. | |
| D540,961 S | 4/2007 | Hrubowchak et al. | 2013/0113362 A1 | 5/2013 | Gyulasi et al. | |
| 7,205,723 B2 | 4/2007 | Kurachi et al. | 2013/0207567 A1 | 8/2013 | Mednik et al. | |
| D549,360 S * | 8/2007 | An | 2014/0145591 A1 | 5/2014 | Godyak et al. | |
| 7,256,547 B2 | 8/2007 | Kubota et al. | 2014/0145592 A1 | 5/2014 | Goscha et al. | |
| D550,864 S | 9/2007 | Hernandez, Jr. et al. | 2014/0145593 A1 | 5/2014 | Goscha et al. | |
| 7,459,856 B1 | 12/2008 | Wursching et al. | 2014/0145594 A1 | 5/2014 | Goscha et al. | |
| D617,920 S | 6/2010 | Hiraga et al. | 2014/0145595 A1 | 5/2014 | Goscha et al. | |
| 7,753,558 B2 | 7/2010 | Ribarich | 2014/0145596 A1 | 5/2014 | Goscha et al. | |
| 7,772,783 B2 | 8/2010 | Makimura et al. | 2014/0145597 A1 | 5/2014 | Goscha et al. | |
| 7,812,544 B2 | 10/2010 | Morales et al. | 2014/0145598 A1 | 5/2014 | Goscha et al. | |
| 7,822,514 B1 | 10/2010 | Erickson | 2014/0145599 A1 | 5/2014 | Goscha et al. | |
| D626,667 S | 11/2010 | Jonsson | 2014/0145600 A1 | 5/2014 | Goscha et al. | |
| D627,087 S | 11/2010 | Jonsson et al. | 2014/0145601 A1 | 5/2014 | Goscha et al. | |
| D645,993 S | 9/2011 | Wang | 2014/0145602 A1 | 5/2014 | Goscha et al. | |
| 8,035,318 B2 | 10/2011 | Bobel | 2014/0145603 A1 | 5/2014 | Goscha et al. | |
| 8,212,492 B2 | 7/2012 | Lam et al. | 2014/0145604 A1 | 5/2014 | Goscha | |
| 8,292,471 B2 | 10/2012 | Boonekamp et al. | 2014/0145605 A1 | 5/2014 | Goscha et al. | |
| | | | 2014/0145606 A1 | 5/2014 | Goscha et al. | |
| | | | 2014/0145607 A1 | 5/2014 | Goscha et al. | |
| | | | 2014/0145608 A1 | 5/2014 | Goscha et al. | |
| | | | 2014/0145609 A1 | 5/2014 | Godyak et al. | |

(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | |
|--------------|----|---------|-------------------|
| 2014/0145613 | A1 | 5/2014 | Alexandrov et al. |
| 2014/0145614 | A1 | 5/2014 | Alexandrov |
| 2014/0145615 | A1 | 5/2014 | Goscha et al. |
| 2014/0145616 | A1 | 5/2014 | Goscha et al. |
| 2014/0145617 | A1 | 5/2014 | Goscha et al. |
| 2014/0145618 | A1 | 5/2014 | Goscha et al. |
| 2014/0145619 | A1 | 5/2014 | Goscha et al. |
| 2014/0145620 | A1 | 5/2014 | Goscha et al. |
| 2014/0145621 | A1 | 5/2014 | Goscha et al. |
| 2014/0145637 | A1 | 5/2014 | Goscha et al. |
| 2014/0320004 | A1 | 10/2014 | Roberts |
| 2014/0320005 | A1 | 10/2014 | Roberts et al. |
| 2014/0320008 | A1 | 10/2014 | Goscha et al. |
| 2014/0320009 | A1 | 10/2014 | Goscha et al. |
| 2014/0368109 | A1 | 12/2014 | Goscha et al. |
| 2014/0375203 | A1 | 12/2014 | Goscha et al. |
| 2017/0358441 | A1 | 12/2017 | Nanchung et al. |

FOREIGN PATENT DOCUMENTS

| | | | |
|----|---------------|----|---------|
| EP | 2015346 | A1 | 1/2009 |
| EP | 2421335 | A1 | 2/2012 |
| EP | 1705691 | B1 | 5/2013 |
| IN | 244771 | | 5/2013 |
| IN | 247723 | | 5/2013 |
| IN | 246345 | | 6/2013 |
| JP | 1037219 | S | 4/1999 |
| JP | 2006054054 | A | 2/2006 |
| JP | 2009100981 | A | 5/2009 |
| JP | 2009104981 | A | 5/2009 |
| JP | 1442658 | | 4/2012 |
| KR | 1020060096743 | A | 9/2006 |
| WO | 2004001224 | A1 | 12/2003 |
| WO | 2005067002 | A1 | 7/2005 |
| WO | 2007123491 | A1 | 11/2007 |
| WO | 2014082039 | A1 | 5/2014 |

OTHER PUBLICATIONS

13856820.9, "European Application Serial No. 13856820.9, Extended European Search Report dated Aug. 8, 2016", Lucidity Lights, Inc., 14 Pages.

201380071464.5, "Chinese Application Serial No. 201380071464.5, First Office Action dated Jun. 29, 2016", Lucidity Lights, Inc., 22 Pages.

ANSI, "American National Standard—for electric lamps, A,G,PS, and Similar Shapes with E26 Medium Screw Bases", ANSI C78.20/2003, 2003, 48 pages.

ANSI, "American National Standard—for electric lamps, PAR and R Shapes", ANSI C78.21/2003, 2003, 48 pages.

Kitchin, "High Performance Regenerative Receiver Design", QEX, Nov./Dec. 1998, pp. 24-36.

Lucid°, "Only 229 Days Left for 100 Watt Light Bulbs", <http://www.chicagonow.com/getting-real/2011/05/only-229-days-left-for-100-watt-light-bulbs/>, 5/11/2011, 3 Pages.

M9711465-0001, "DE Design Application No. M9711465-0001, titled "Fluorescent lamp", filed Dec. 11, 1997", Toshiba Lightec KK, and as shown on p. 3457 in the German Design Gazette that issued on Sep. 10, 1998, Sep. 10, 1998, 5 pages.

Nerone, "A Novel Ballast for Electrodeless Fluorescent Lamps", Conference Record of the 2000 IEEE Industry Applications Conference, vol. 5, 2000, pp. 3330-3337.

PCT/US2013/071709, "International Application Serial No. PCT/US2013/054173, International Preliminary Report on Patentability and Written Opinion dated Jun. 4, 2015", Lucidity Lights, Inc., 19 Pages.

PCT/US2013/071709, "International Application Serial. No. PCT/US2013/071709, International Search Report and Opinion dated Mar. 26, 2014", Lucidity Lights, Inc., 22 Pages.

Victoria, "Those funny looking light bulbs", Posted in: Changing Habits, Recycling, Sustainable Building, <http://smartlifeways.com/those-funny-looking-light-bulbs/>, Sep. 30, 2009, 2 Pages.

* cited by examiner

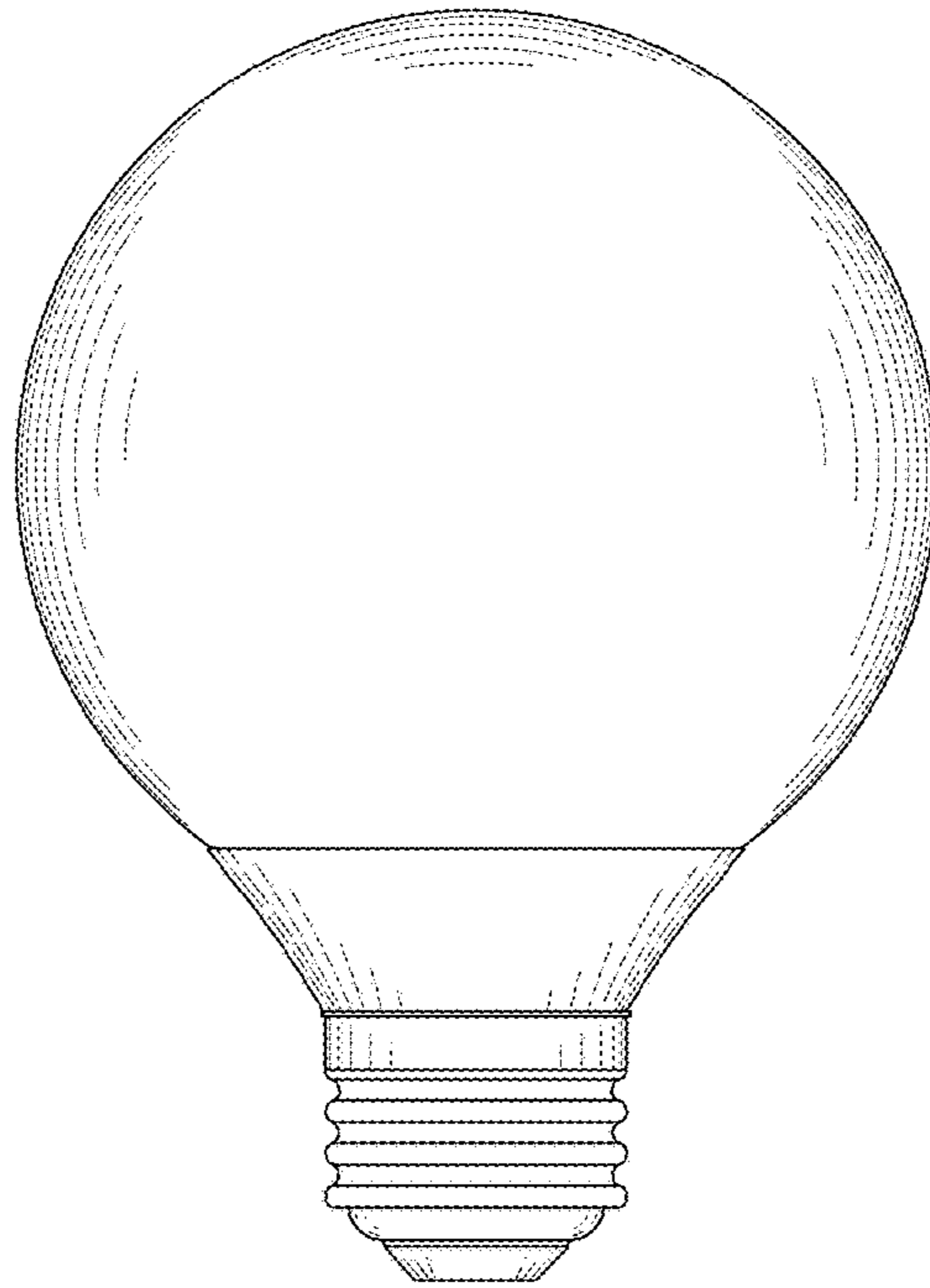


FIG. 1

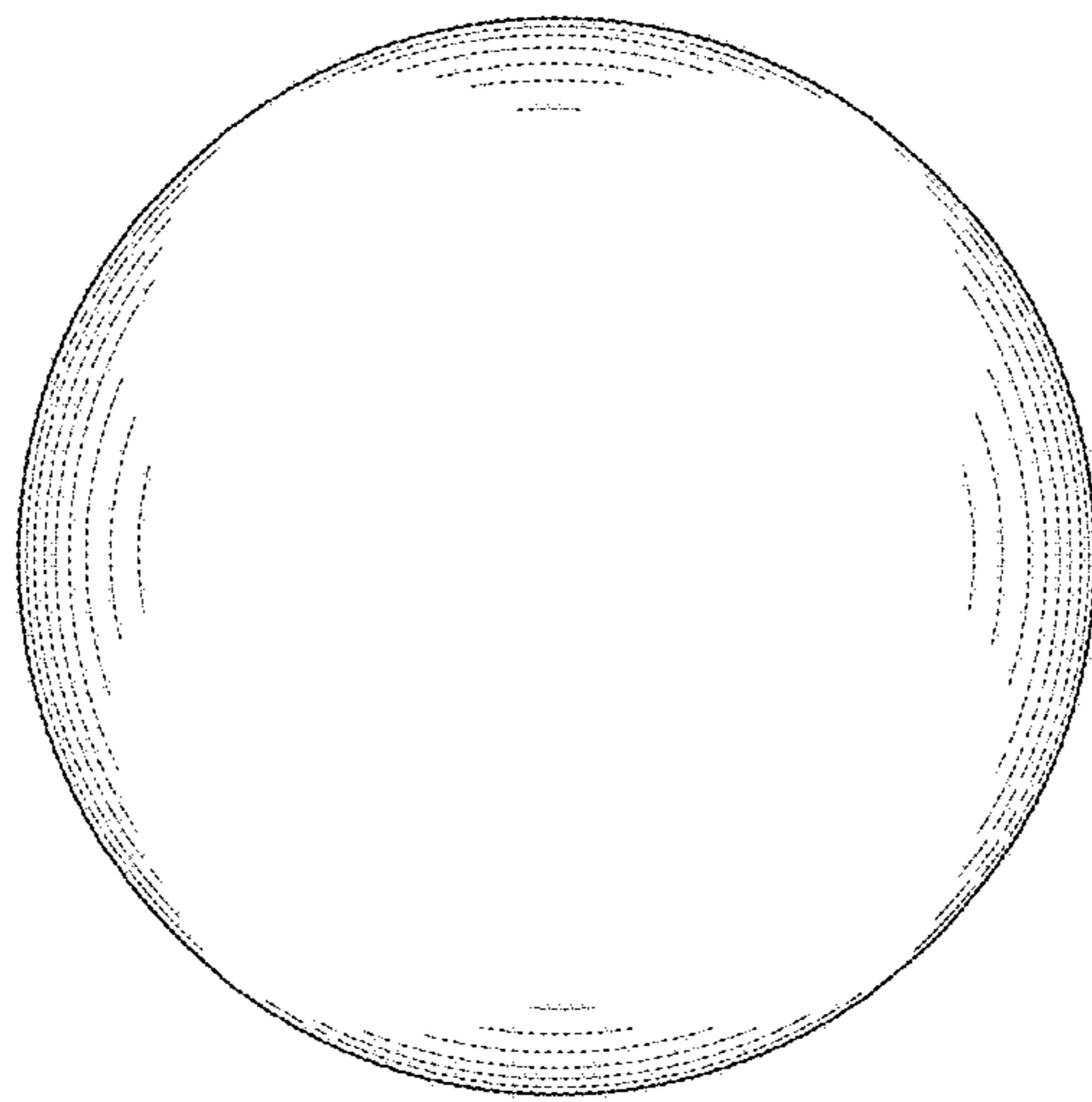


FIG. 2

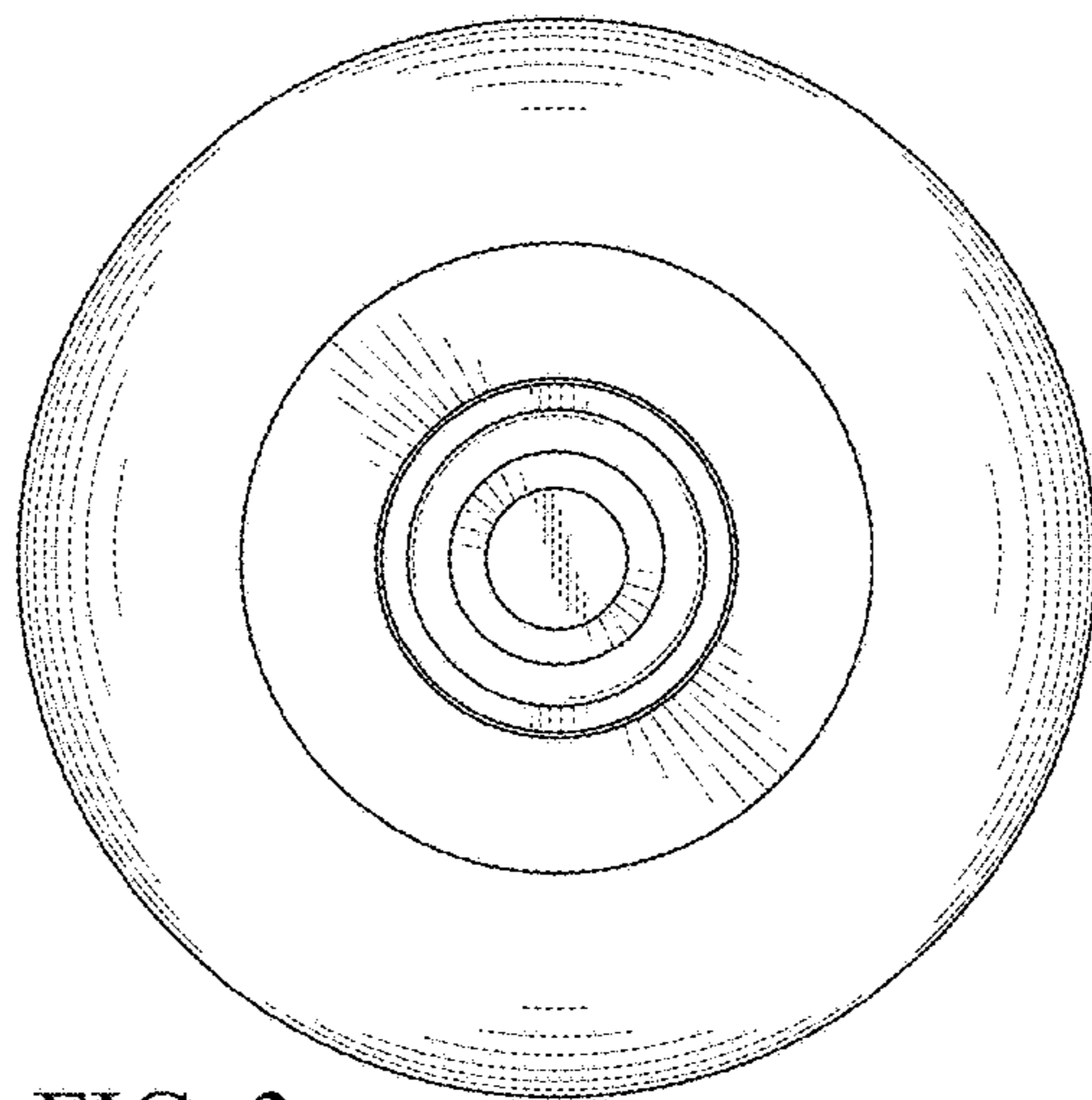


FIG. 3