



US00D829173S

(12) **United States Design Patent** (10) **Patent No.:** **US D829,173 S**
Stockman (45) **Date of Patent:** **** Sep. 25, 2018**

(54) **CAPACITOR**

(56) **References Cited**

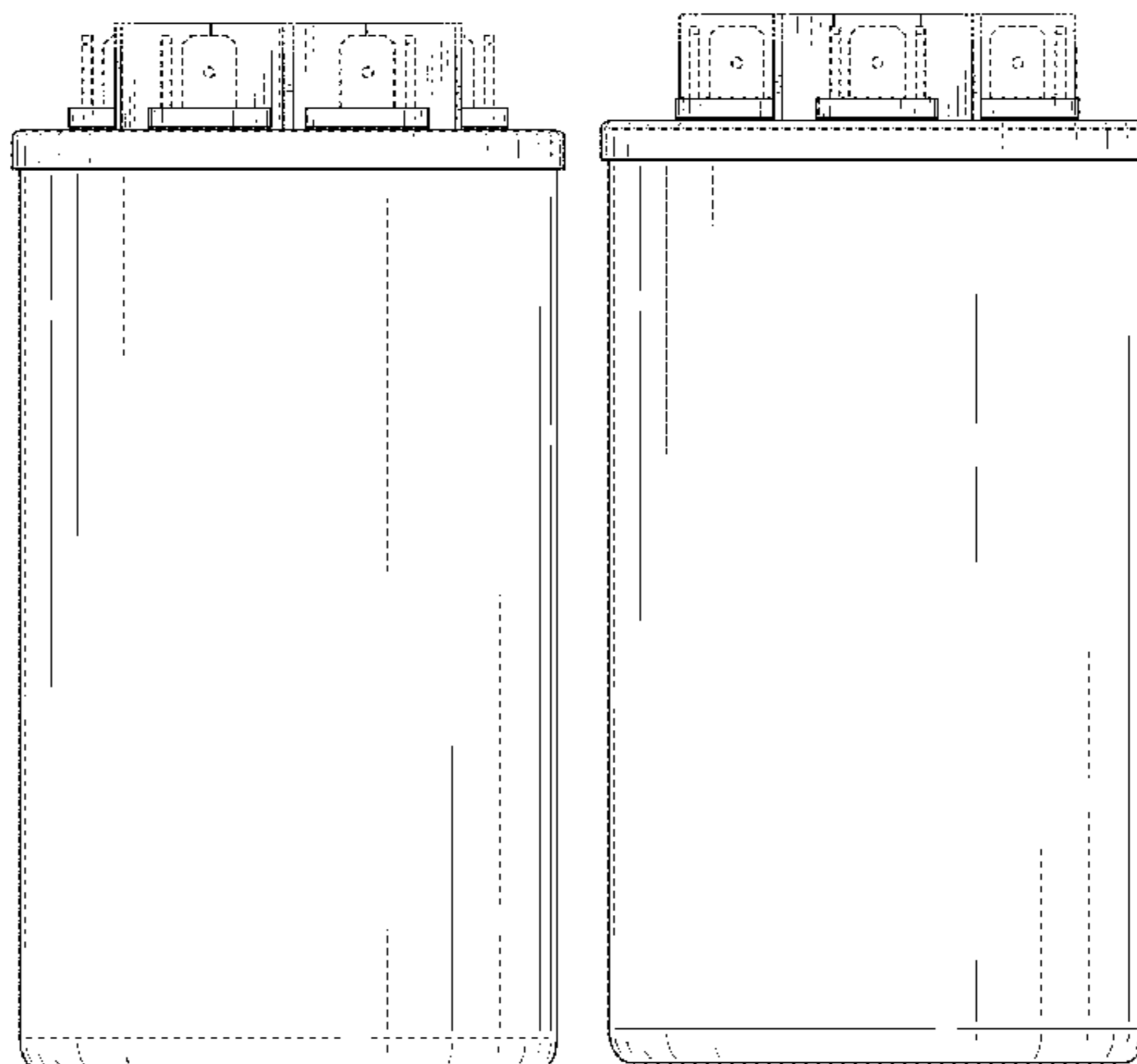
- (71) Applicant: **American Radionic Company, Inc.**,
Palm Coast, FL (US)
- (72) Inventor: **Robert M. Stockman**, Palm Coast, FL
(US)
- (73) Assignee: **American Radionic Company, Inc.**,
Palm Coast, FL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/604,554**
- (22) Filed: **May 18, 2017**

U.S. PATENT DOCUMENTS

1,665,499	A	4/1928	Hoch	
1,707,959	A	4/1929	Fried	
1,943,714	A	1/1934	Bailey	
2,202,166	A	11/1937	Peck	
D122,825	S *	10/1940	Peck	D13/125
D124,726	S *	1/1941	Shimer	D13/110
2,569,925	A	12/1948	Deeley	
2,896,008	A	12/1953	Putz	
3,015,687	A	11/1959	Ruscito	
3,302,081	A	1/1967	Grahame	
3,304,473	A	2/1967	Netherwood et al.	
D210,210	S *	2/1968	Braiman et al.	D13/125
3,377,510	A	4/1968	Rayno	
3,921,041	A	11/1975	Stockman	
3,988,650	A	10/1976	Fritze	
4,028,595	A	6/1977	Stockman	
4,095,902	A	6/1978	Florer et al.	
4,106,068	A	8/1978	Flanagan	
4,107,758	A	8/1978	Shim et al.	
4,112,424	A	9/1978	Lapeyre	
4,209,815	A	6/1980	Rollins et al.	
4,240,126	A	12/1980	Sanvito	
4,263,638	A	4/1981	Stockman et al.	
4,312,027	A	1/1982	Stockman	
4,326,237	A	4/1982	Markarian et al.	
4,352,145	A	9/1982	Stockman	
4,363,078	A	12/1982	Dwyer	
4,398,782	A	8/1983	Markarian	
4,408,818	A	10/1983	Markarian	
4,420,791	A	12/1983	Shedigian	
4,447,854	A	5/1984	Markarian	
4,459,637	A	7/1984	Shedigian	
4,486,809	A	12/1984	Deak et al.	
4,558,394	A	12/1985	Stockman	
4,586,107	A	4/1986	Price	
4,609,967	A	9/1986	Shedigian	
4,621,301	A	11/1986	Shedigian	
4,631,631	A	12/1986	Hodges et al.	
4,633,365	A	12/1986	Stockman	
4,633,367	A	12/1986	Strange et al.	
4,633,369	A	12/1986	Lapp et al.	
4,639,828	A	1/1987	Strange et al.	
4,642,731	A	2/1987	Shedigian	
4,698,725	A	10/1987	MacDougall et al.	
4,754,361	A	6/1988	Venturini	
4,812,941	A	3/1989	Rice et al.	
4,897,760	A	1/1990	Bourbeau	
5,006,726	A	4/1991	Okumura	
5,019,934	A	5/1991	Bentley et al.	

Related U.S. Application Data

- (63) Continuation of application No. 29/593,623, filed on Feb. 10, 2017, which is a continuation of application No. 29/589,876, filed on Jan. 5, 2017, which is a continuation of application No. 15/097,383, filed on Apr. 13, 2016, which is a continuation of application No. 13/601,205, filed on Aug. 31, 2012, now Pat. No. 9,343,238, which is a continuation of application No. 12/945,979, filed on Nov. 15, 2010, now Pat. No. 8,270,143, which is a continuation of application No. 12/246,676, filed on Oct. 7, 2008, now Pat. No. 7,835,133, which is a continuation of application No. 11/733,624, filed on Apr. 10, 2007, now Pat. No. 7,474,519, which is a continuation of application No. 11/317,700, filed on Dec. 23, 2005, now Pat. No. 7,203,053.
- (51) **LOC (11) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/124**
- (58) **Field of Classification Search**
USPC D13/123-132, 154, 184, 199
CPC H01G 4/224; H01G 4/232; H01G 4/28;
H01G 4/385; H01G 4/40
See application file for complete search history.



US D829,173 S

5,138,519 A	8/1992	Stockman	8,885,318 B2	11/2014	Stockman	
5,148,347 A	9/1992	Cox et al.	8,891,224 B2	11/2014	Stockman	
5,313,360 A	5/1994	Stockman	D729,164 S *	5/2015	Chen	D13/124
5,381,301 A	1/1995	Hudis	9,105,401 B2	8/2015	Dreissig	
5,673,168 A	9/1997	Efford et al.	9,318,261 B2	4/2016	Stockman	
5,921,820 A	7/1999	Dijkstra	9,324,501 B2	4/2016	Stockman	
5,940,263 A	8/1999	Jakoubovitch	9,343,238 B2	5/2016	Stockman	
6,009,348 A	12/1999	Rorvick et al.	9,378,893 B2	6/2016	Stockman	
6,014,308 A	1/2000	Stockman	9,412,521 B2	8/2016	Stockman	
6,031,713 A	2/2000	Takeisha et al.	9,424,995 B2	8/2016	Stockman	
6,084,764 A	7/2000	Anderson	9,466,429 B1 *	10/2016	Casanova	H01G 11/82
6,141,205 A	10/2000	Nutzman	D771,567 S	11/2016	Flohe et al.	
6,147,856 A	11/2000	Karidis	9,496,086 B2	11/2016	Stockman	
6,157,531 A	12/2000	Breyen et al.	9,536,670 B2	1/2017	Stockman	
6,212,058 B1	4/2001	Huber	9,916,934 B1	3/2018	Casanova et al.	
6,222,270 B1	4/2001	Lee	2001/0025618 A1	10/2001	Kelling	
6,282,078 B1	8/2001	Tsai	2006/0201971 A1	9/2006	Wegman	
6,282,081 B1	8/2001	Takabayashi et al.	2006/0227495 A1	10/2006	Stockman	
6,310,756 B1	10/2001	Miura et al.	2007/0025051 A1 *	2/2007	Stockman	H01G 2/24 361/301.5
6,313,978 B1	11/2001	Stockman et al.				
6,373,720 B1	4/2002	Fechtig et al.	2007/0236860 A1	10/2007	Stockman	
6,385,490 B1	5/2002	O'Phelan	2007/0279015 A1	12/2007	Livingston et al.	
6,404,618 B1	6/2002	Beard et al.	2008/0158780 A1	7/2008	Stockman	
6,490,158 B1	12/2002	Ellyson et al.	2009/0052109 A1	2/2009	Stockman et al.	
6,697,249 B2	2/2004	Maletin et al.	2009/0219665 A1	9/2009	Stockman	
6,798,677 B2	9/2004	Jakob et al.	2011/0063775 A1	3/2011	Stockman	
6,807,048 B1	10/2004	Nielsen	2011/0134584 A1 *	6/2011	Stockman	H01G 5/38 361/328
6,819,545 B1	11/2004	Lobo et al.				
6,842,328 B2	1/2005	Schott	2011/0157764 A1	6/2011	Stockman	
6,847,517 B2	1/2005	Iwaida et al.	2011/0228446 A1	9/2011	Stockman	
6,888,266 B2	5/2005	Burke et al.	2011/0317333 A1 *	12/2011	Chun	H01G 2/04 361/518
6,922,330 B2	7/2005	Nielson et al.				
6,930,874 B2	8/2005	Lobot et al.	2013/0003252 A1	1/2013	Stockman	
6,982,539 B1	1/2006	Ward	2013/0214720 A1	8/2013	Stockman	
6,995,971 B2	2/2006	Norton	2013/0329342 A1	12/2013	Stockman	
7,031,139 B1	4/2006	Fayram	2013/0343029 A1	12/2013	Stockman	
7,046,498 B1	5/2006	Huang	2014/0049205 A1 *	2/2014	Curriel	H02P 1/44 318/785
D522,456 S *	6/2006	Matsumoto				D13/125
7,110,240 B2	9/2006	Breyen	2014/0201018 A1	7/2014	Chassin	
7,203,053 B2	4/2007	Stockman	2014/0285949 A1	9/2014	Stockman	
7,251,123 B2	7/2007	O'Phelan	2014/0347784 A1	11/2014	Stockman et al.	
7,365,959 B1	4/2008	Ward	2015/0016012 A1	1/2015	Stockman	
7,423,861 B2	9/2008	Stockman	2015/0022991 A1 *	1/2015	Stockman	H01G 4/385 361/821
7,474,519 B2	1/2009	Stockman				
7,474,520 B2	1/2009	Kashihara	2015/0138690 A1	5/2015	Stockman	
7,492,574 B2	2/2009	Fresard et al.	2015/0255218 A1	9/2015	Stockman et al.	
7,511,941 B1	3/2009	Gallay	2016/0203916 A1	7/2016	Stockman	
7,547,233 B2	6/2009	Inoue et al.	2016/0233030 A1	8/2016	Stockman	
7,667,954 B2	2/2010	Lessner	2017/0011855 A1	1/2017	Stockman et al.	
7,710,713 B2	5/2010	Restorff	2017/0032898 A1	2/2017	Stockman	
D621,789 S	8/2010	Wang et al.	2017/0110252 A1 *	4/2017	Stockman	H01G 4/385
7,835,133 B2	11/2010	Stockman	2017/0186554 A1	6/2017	Stockman	
7,848,079 B1	12/2010	Gordin et al.	2017/0236646 A1 *	8/2017	Stockman	H01G 4/385
7,867,290 B2	1/2011	Nielsen				
7,881,043 B2	2/2011	Hirose et al.				
7,911,762 B2	3/2011	Stockman				
7,911,766 B2	3/2011	Caumont et al.				
7,952,854 B2	5/2011	Stockman				
7,987,593 B1	8/2011	Gorst				
8,029,290 B2	10/2011	Johnson				
8,170,662 B2	5/2012	Bocek				
8,174,817 B2	5/2012	Georgopoulos et al.				
8,270,143 B2	9/2012	Stockman				
8,274,778 B2	9/2012	Yoshinaga et al.				
8,310,802 B2	11/2012	Fujii et al.				
8,331,076 B2	12/2012	Tuncer				
8,456,795 B2	6/2013	Stockman				
8,465,555 B2	6/2013	Sherwood				
8,514,547 B2	8/2013	Galvagni				
8,514,548 B2	8/2013	Miller et al.				
8,531,815 B2	9/2013	Stockman				
8,537,522 B2	9/2013	Stockman				
8,559,161 B2	10/2013	Takeoka et al.				
8,761,875 B2	6/2014	Sherwood				
8,842,411 B2	9/2014	Zhang				
8,853,318 B2	10/2014	Tielemans				
8,861,178 B2	10/2014	Terashima et al.				
8,861,184 B2	10/2014	Schmidt				
8,871,850 B2	10/2014	Koh et al.				

FOREIGN PATENT DOCUMENTS

CA	2285721 A1 *	4/2000	H01G 4/221
EP	1115128 A2 *	7/2001	H01G 2/14
EP	2587503	5/2013		
FR	2343221	9/1977		
GB	517718	2/1940		
GB	2070861	9/1981		
GB	2169747	7/1986		

OTHER PUBLICATIONS

Grainger. <URL: https://www.grainger.com/product/5CMW3&AL!2966!3!!166587674359!!!g!82128730437!?cm_mmc=PPC:+Google+PLA?campaignid=719691765&s_kwid=AL!2966!3!166587674359!!!!82128730437!&ef_id=WRSnxQAAAILWhRlb:20170824174108:s>. Visited Aug. 24, 2017. Capacitor.*
International Search Report and Written Opinion, PCT/US2014/39003, Oct. 2, 2014, 12 pages.
Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions *American Radionic, Inc., v. Packard, Inc., and Cornell-Dubilier Electronics, Inc.*, No. 6:14-cv-01881-RBD-KRS.

- Photograph 1 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 2 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 3 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 4 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 5 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 6 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 7 from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions, undated (1 page).
- Photograph 8, undated (1 page).
- Photograph 9, undated (1 page).
- Photograph 10, undated (1 page).
- Photograph 11, undated (1 page).
- Photograph 12, undated (1 page).
- Photograph 13, undated (1 page).
- Photograph 14, undated (1 page).
- Photograph 15, undated (1 page).
- Photograph 16, undated (1 page).
- Photograph 17, undated (1 page).
- Photograph 18, undated (1 page).
- Photograph 19, undated (1 page).
- Photograph 20, undated (1 page).
- Document from Defendants' First Supplemental Disclosure of Non-Infringement and Invalidity Contentions that purported to be Standard for Safety UL 810 Capacitors, Underwriters Laboratories Inc. having multiple dates ranging from 1976 to 1988 (22 pages).
- "Industrial Power Factor Correction Capacitors," Cornell Dubilier, Undated (1 page).
- "American Radionic Co., Inc. Introduces a New Circuit Component the Patented Ultramet™ Capacitor," poster by American Radionic Co., Inc., (poster undated, 1980 year date appears below one image), (one page).
- "AC Capacitors," brochure by AmRad Engineering, Inc., undated (4 pages).
- "American Radionic Co., Inc. Introduces a New Circuit Component, the Patented Ultramet™ Capacitor," poster by American Radionic Co., Inc., which is reprint from Electronic News dated Feb. 11, 1980, (one page).
- "American Radionic Co., Inc. Introduces . . . The World's First Multiple Metallized Film Dielectric Capacitor Produced from a Single Winding! The Patented Ultramet™ Capacitor," poster by American Radionic Co., Inc. (undated) (one page).
- "American Radionic Company's Chronology of Patents, New Products and Technology Transfer Programs—From the Present, to the Past, a Thirty-Five Year Review," online website having URL: <http://www.americanradionic.com/content/blogcategory/13/29/8/16>, accessed May 19, 2014 (undated) (3 pages).
- "American Radionic Introduces Capacitors Without Compromise", color brochure, 1989, (1 page).
- "American Radionics—Home of the Turbo200 MultiUse Capacitor," online archive of website captured at http://web.archive.org/web/20050309191805fw_/http://www.americanradionic.com/home, Mar. 9, 2005, (16 pages), (accessed May 29, 2014).
- "AmRad Engineering: Universal Capacitor," The Air Conditioning|Heating|Refrigeration News, Jan. 29, 2005, Printout of website having URL: "<http://www.archrnews.com/articles/print/amrad-engineering-universal-capacitor>" (accessed Jun. 2, 2014) (1 page).
- "Capacitors—Motor Run, Oil Filled Capacitors, AC Rated. AmRad." Online archive of website captured at <http://web.archive.org/web/20011126195819/http://www.americanradionic.com>. Nov. 26, 2001, (13 pages) (accessed May 29, 2014).
- "Capacitors—Motor Run, Oil Filled Capacitors, AC Rated. AmRad." Printout of website having URL: <http://amradcapacitors.com/index.htm>, Jan. 3, 2003(20 pages).
- "Capacitors—Motor Run, Oil Filled Capacitors, AC Rated. AmRad." Online archive of website captured at <http://web.archive.org/web/20041214091042/http://americanradionic.com>, Dec. 14, 2004, (13 pages) (accessed May 29, 2014).
- Hudis, Martin et al., "Motor-Run Capacitors," Motors & Motor Control, undated (reprinted from Appliance Manufacturer, Oct. 1994) (3 pages).
- Hudis, Martin, "Plastic Case Self-Protected Liquid Filled AC Capacitors for 70° Applications," Presented at CAPTECH '97, Mar. 1997, 7 pages.
- Hudis, Martin, "Technology Evolution in Metallized Polymeric Film Capacitors over the Past 10 Years," Presented at Carts Symposium in Nice, France, Oct. 1996, 9 pages.
- Macomber, Laird L., et al., "New Solid Polymer Aluminum Capacitors Improve Reliability," Electro Power Electronics, Oct. 1, 2001, 5 pages.
- Macomber, Laird L., et al., "Solid Polymer Aluminum Capacitor Chips in DC-DC Converter Modules Reduce Cost and Size and Improve High-Frequency Performance," PCIM Power Electronics 2001 Proceeding for the PowerSystems World Conference, Sep. 2001, 8 pages.
- Mallory Distributor Products Co., 1967 Precision Electronic Components Catalog, 52 pages.
- Parente, Audrey, "Can-sized device the right fit," The Daytona Beach News-Journal, Jan. 3, 2005 (2 pages).
- "Product of the Year Awards," Electronic Products Magazine, Jan. 1981, pp. 39-45.
- "Super-Sized Show," ASHRAE Journal Show Daily, 2005 International Air-Conditioning, Heating, Refrigerating Exposition, Tuesday, Feb. 8, 2005 (24 pages).
- "The Patented Ultramet™ Capacitor. A product of years of American Radionic research & development," poster by American Radionic Co., Inc. (undated) (one pages).
- "The Patented Ultramet™ Capacitor," poster by American Radionic Co., Inc., (undated) (three pages).
- Complaint for Patent Infringement against Cornell-Dubliner Electronics, Inc., Packard Inc. with Jury Demand (Filing fee \$400 receipt No. ORL-38930) filed by American Radionic Company, Inc. (Attachments: #1 Civil Cover sheet, #2 Exhibit A)(LMM) Modified on Nov. 19, 2014 (LMM). (Entered: Nov. 19, 2014).
- Answer and affirmative defenses to Complaint by Cornell-Dubliner Electronics, Inc. (Allaman, Melissa) (Entered: Jan. 9, 2015).
- Answer and affirmative defenses to Complaint by Packard Inc. (Allaman, Melissa) (Entered: Jan. 9, 2015).
- First Amended Answer and affirmative defenses to 1 Complaint by Packard Inc. (Allaman, Melissa) (Entered: Jan. 9, 2015).
- First Amended Answer and affirmative defenses to 1 Complaint by Cornell-Dubliner Electronics, Inc. (Allaman, Melissa) (Entered: Feb. 4, 2015).
- Case Management and Scheduling Order: Amended Pleadings and Joinder of Parties due by Apr. 9, 2015. Discovery due by Feb. 16, 2016. Dispositive motions due by Apr. 7, 2016. Pretrial statement due by Aug. 11, 2016. All other motions due by Jul. 28, 2016. Plaintiff disclosure of expert report due by Dec. 10, 2015. Defendant disclosure of expert report due by Jan. 14, 2016. Final Pretrial Conference set for Aug. 18, 2016 at 01:15 PM in Orlando Courtroom 4 A before Judge Roy B. Dalton, Jr., Jury Trial Set for the trial team commencing Sep. 6, 2016 at 09:00 AM in Orlando Courtroom 4 A before Judge Roy B. Dalton, Jr., Conduct mediation hearing by Mar. 29, 2016. Lead counsel to coordinate dates. Signed by Judge Roy B. Dalton, Jr. on Feb. 10, 2015. (VMF). (Entered: Feb. 10, 2015).
- Status report Joint Claim Construction Statement by American Radionic Company, Inc., Packard Inc., and Cornell-Dubliner Electronics, Inc. (Attachments: #1 Exhibit 1, #2 Exhibit 2) (Graubart, Noah) Modified on May 29, 2015 (SWT). (Entered: May 28, 2015).
- Declaration of Noah C. Graubart in Support of Plaintiff's Claim Construction Brief by American Radionic Company, Inc. (Attachments: #1 Exhibit 1, #2 Exhibit 2, #3 Exhibit 3, #4 Exhibit 4, #5 Exhibit 5, #6 Exhibit 6) (Graubart, Noah) (Entered: Jun. 18, 2015).
- Plaintiff's Brief re 59 Declaration Plaintiff's Claim Construction Brief filed by American Radionic Company, Inc. (Graubart, Noah) (Entered May 18, 2015).

Response to Plaintiff's Claim Construction Brief re 60 Brief—Plaintiff filed by Cornell-Dubliner Electronics, Inc., Packard Inc. (Killen, Craig) Modified on Jul. 17, 2015 (EJS). (Entered Jul. 16, 2015).

Joint Pre-Hearing Statement re: Claim Construction by American Radionic Company, Inc., Packard Inc., Cornell-Dubliner Electronics, Inc. (Attachments: #1 Exhibit 1, #2 Exhibit 2) (Graubart, Noah) Modified on Jul. 24, 2015.

Minute Entry, Proceedings of Claim Construction Hearing held before Judge Roy B. Dalton, Jr. on Aug. 24, 2015. Court Report: Arnie First (VMF) (FMV). (Entered: Aug. 24, 2015).

Notice of Filing of Claim Construction Evidence by American Radionic Company, Inc. (Attachments: #1 Exhibit 1, #2 Exhibit 2, #3 Exhibit 3) (Graubart, Noah) Modified on Aug. 25, 2015 (EJS). (Entered: Aug. 25, 2015).

Transcript of Markman Hearing held on Aug. 24, 2015 before Judge Roy B. Dalton, Jr., Court Reporter Arnie R. First, DRD, CRR<ArnieFirst.CourtReporter@gmail.com. Transcript may be viewed at the court public terminal or purchased through the Court Reporter before the deadline for Release of Transcript Restriction. After that date it may be obtained through PACER or purchased through the court Reporter, Redaction Request due Oct. 22, 2015. Redacted Transcript Deadline set for Nov. 2, 2015. Release of Transcript Restriction set for Dec. 30, 2015. (ARF) (Entered: Oct. 1, 2015).

Order granting 69 Motion for Consent Judgment and Injunction, Signed by Judge Roy B. Dalton, Jr. on Nov. 5, 2015. (CAC) (Entered Nov. 5, 2015).

Amazon. <URL: https://www.amazon.com/Amrad-Turbo-Universal-Motor-Capacitor/dp/B00B610TOM/ref=pd_rhf_dp_s_cp_0_7?_encoding=UTF8&pd_rd_i=B00B610TOM&pd_rd_r=N5WYCAD5Y36C86DFWDEG&pd_rd_w=6tW71&pd_rd_wg=DWEJcApsc=1&refRID=N5WYCAD5Y36C86DFWDEG.> Jan. 27, 2013. Amrad Turbo 200X Universal Motor Run Capacitor.

Amazon. <URL: https://www.amazon.com/AmRad-Turbo-200-Mini-Oval/dp/BOOKQSKDOY/ref=pd_sbs_60_4?_encoding=UTF8&pd_rd_i=BOOKQSKDOY&pd_rd_r=A6')/0E2')/080')/0A6.> May 5, 2015. AmRad Turbo 200 Mini Oval Capacitor with label and color trim, 5 pages.

Amazon. <URL: https://www.amazon.com/AmRad-U5A2227-MFD-370-Volt/dp/BOOGSU3YV8/ref=pd_day0_328_6?_encoding=UTF8&pd_rd_i=BOOGSU3YV8&pd_rd_r=%E2')/080')/0A6.> Jun. 29, 2014. AmRad Dual Run Capacitor, 6 pages.

Amazon. <URL: https://www.amazon.com/CPT00656-Trane-Round-Capacitor-Upgrade/dp/BOOEVTIOMC/ref=cm_cr_arp_d_product_top?ie=UTF8.> May 11, 2016. Replacement Trane Round Dual Run Capacitor, 6 pages.

Amazon. <URL: https://www.amazon.com/gp/product/B01HPK5ANO/ref=s9_dcacs_dcoop_bw_c_x_6_w.> Aug 21, 2016. Titan TRCFD405 Dual Rated Motor Run Capacitor, 6 pages.

Amazon. <URL: https://www.amazon.com/Labels-Protective-Backed-Clean-Remove-Adhesive/dp/BOOVIDW1C1/ref=sr_1_18?ie=UTF8&clid=1522957818&sr=8-18&key=Y0E2')/080')/0A6.> Apr. 1, 2015. Labels, 7 pages.

Amazon. <URL: https://www.amazon.com/Mars-Motors-Armatures-12788-Capacitor/dp/BOOCOYS2CM/ref=pd_sim_328_6?_encoding=UTF8&pd_rd_i=BOOCOYS2CM&pd_rd_r=KEFT1DXGOAWQ1KCZDJFJ&pd_rd_w=LNF6S&pd_rd_wg=5eFTh&psc=1&refRID=KEFT1DXGOAWQ1KCZDJFJ.> Jan. 25, 2012. Mars Dual Run Capacitor, 7 pages.

Amazon. <URL: https://www.amazon.com/Packard-TRCFD405-5MFD-370VACCapacitor/dp/B009558E9U/ref=pd_sim328_4?_encoding=UTF8&pd_rd_i=B009558E9U &pd_rd_r= SX1DRWZQZ8SH12JWHYH2&pd_rd_w=y1jQe&pd_rd_wg=mH0nl &psc=1&refRID= SX1DRWZQZ8SH12JWHYH2&dpID=31IxzeyCr/0252B7L&preST=_QL70_&dpSrc=detail.> May 1, 2015. Packard Capacitor, 5 pages.

Amazon. <URL: https://www.amazon.com/Universal-Capacitor-Trane-Replacement-USA2031/dp/BOOGSU4OKW/ref=pd_sim_328_3?_encoding=UTF8&pd_rd_i=BOOGSU4OKW&pd_rd_r=YX6P84XR7NY113X4DWJG&pd_rd_w=gejaD&pd_rd_wg=NLVIIY &psc=1&refRID=YX6P84XR7NY113X4DWJG.> Nov. 26, 2014. Am Rad Oval Universal Capacitor with label and color trim, 6 pages.

Amazon. <URL: https://www.amazon.com/dp/B01F7P8GJO/ref=sspa_dk_detail_4?psc=1.> Aug 1, 2016. TradePro PowerWell Dual Run Round Capacitor, 6 pages.

YouTube. <URL: https://www.youtube.com/watch?v=19A9IvQ611A &t=3s.> Oct. 1, 2015. Ge Dual Run Capacitor, 5 pages.

YouTube. <URL: https://www.youtube.com/watch?v=R5B189BWrz0.> Jul. 29, 2011. HVAC Service : Install New Turbo 200 Capacitor.

YouTube. <URL: https://www.youtube.com/watch?v=U7h7pg12t6M.> Jul. 15, 2011. How to Install the Turbo 200 Capacitor.

YouTube. <URL: https://www.youtube.com/watch?v=Xiw_xHXJHUG.> Sep. 4, 2011. AmRad Dual Run Capacitor, 4 pages.

* cited by examiner

Primary Examiner — Thomas Johannes

Assistant Examiner — Lauren McVey

(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

(57)

CLAIM

The ornamental design for a capacitor, as shown and described.

DESCRIPTION

FIG. 1 is a front top-left perspective view of a capacitor showing my new design, taken at line 1 in FIG. 6;

FIG. 2 is a front elevation view thereof, taken at line 2 in FIG. 1;

FIG. 3 is a rear elevation view thereof, taken at line 3 in FIG. 1;

FIG. 4 is a left side elevation view thereof, taken at line 4 in FIG. 1;

FIG. 5 is a right side elevation view thereof, taken at line 5 in FIG. 1;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The short dashed broken lines represent unclaimed boundaries and the long dashed broken lines indicate environmental features and form no part of the claimed design; the dot-dash broken lines in FIGS. 1 and 6 are for reference purposes only.

1 Claim, 4 Drawing Sheets

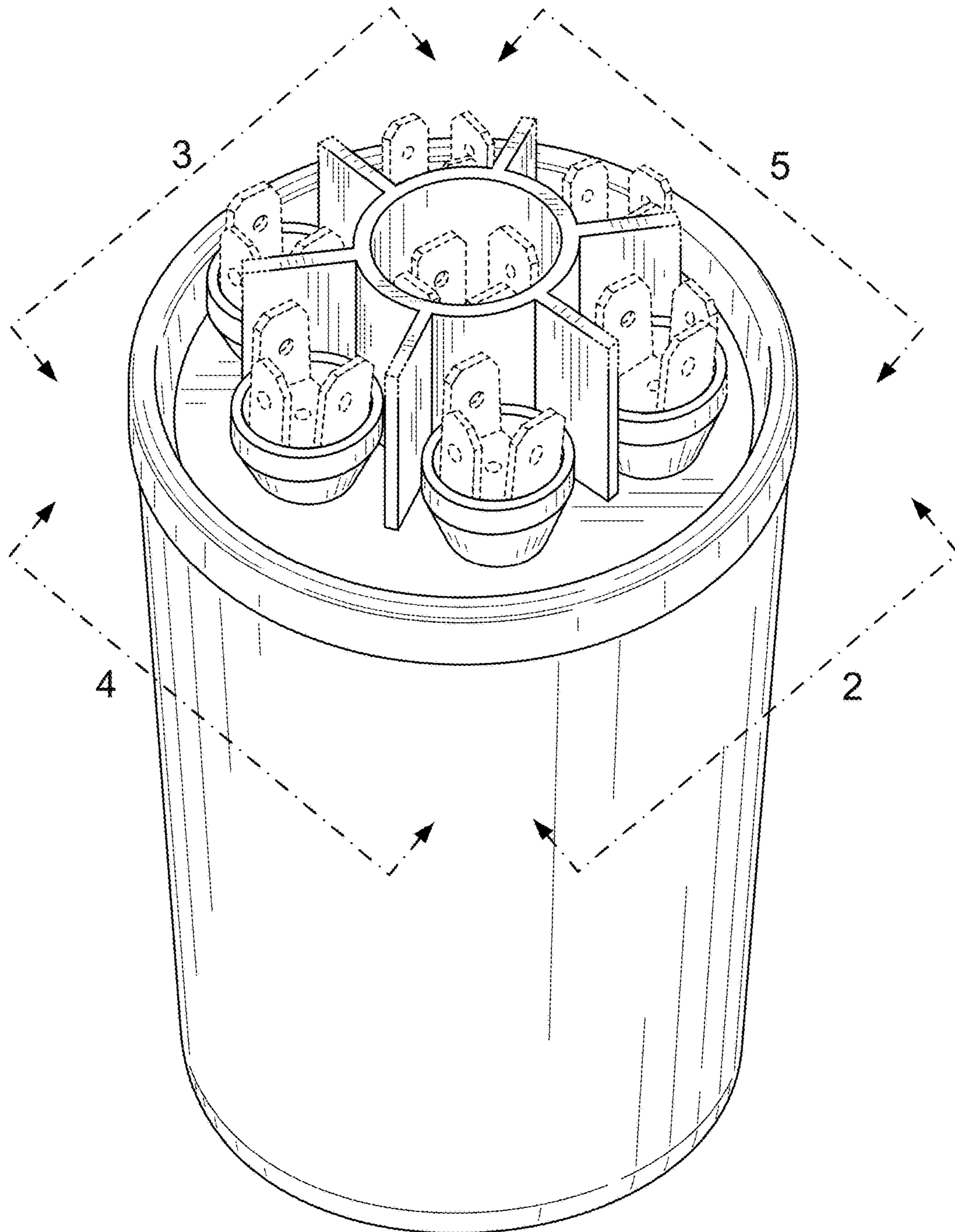


FIG. 1

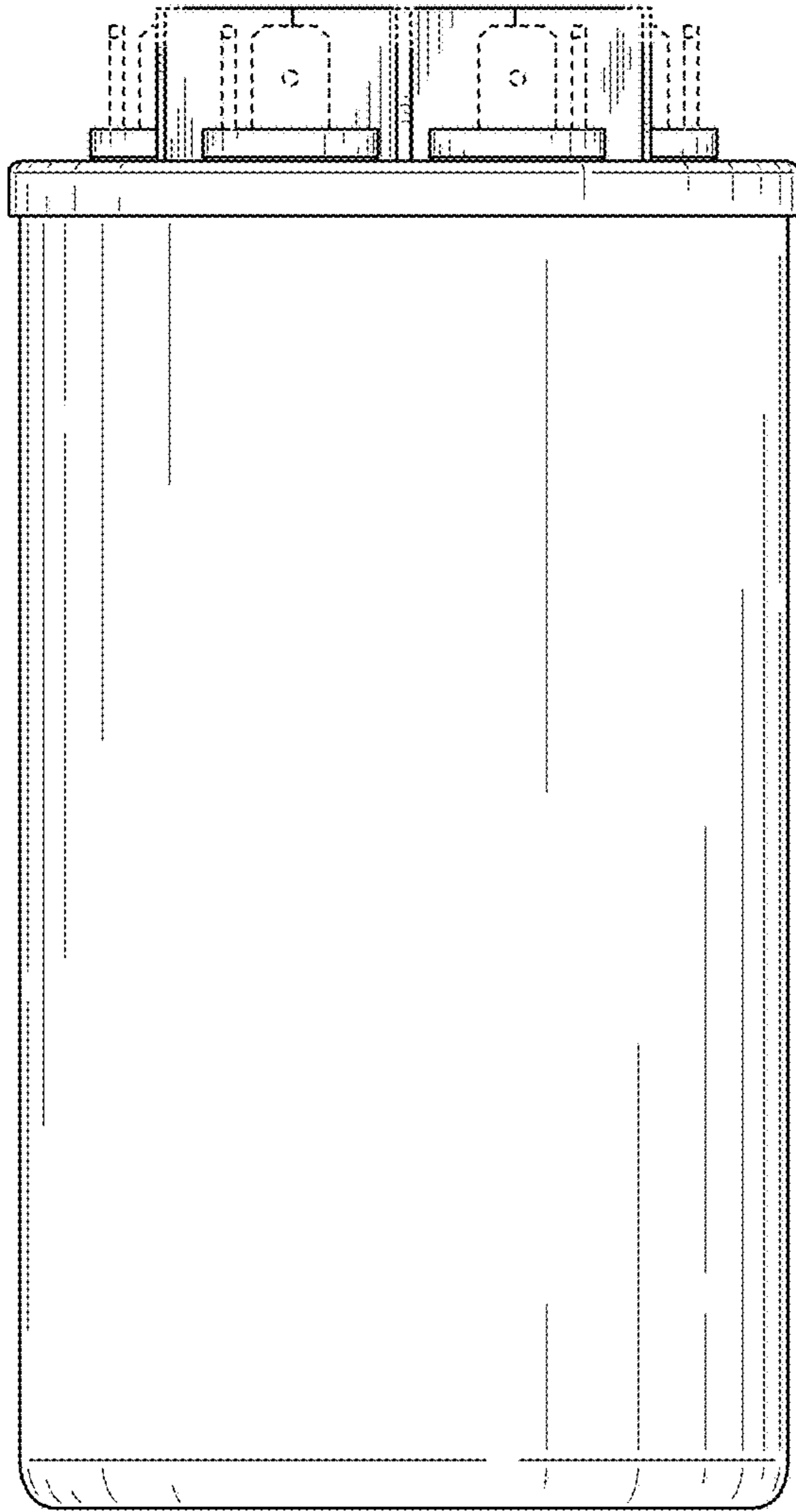


FIG. 2

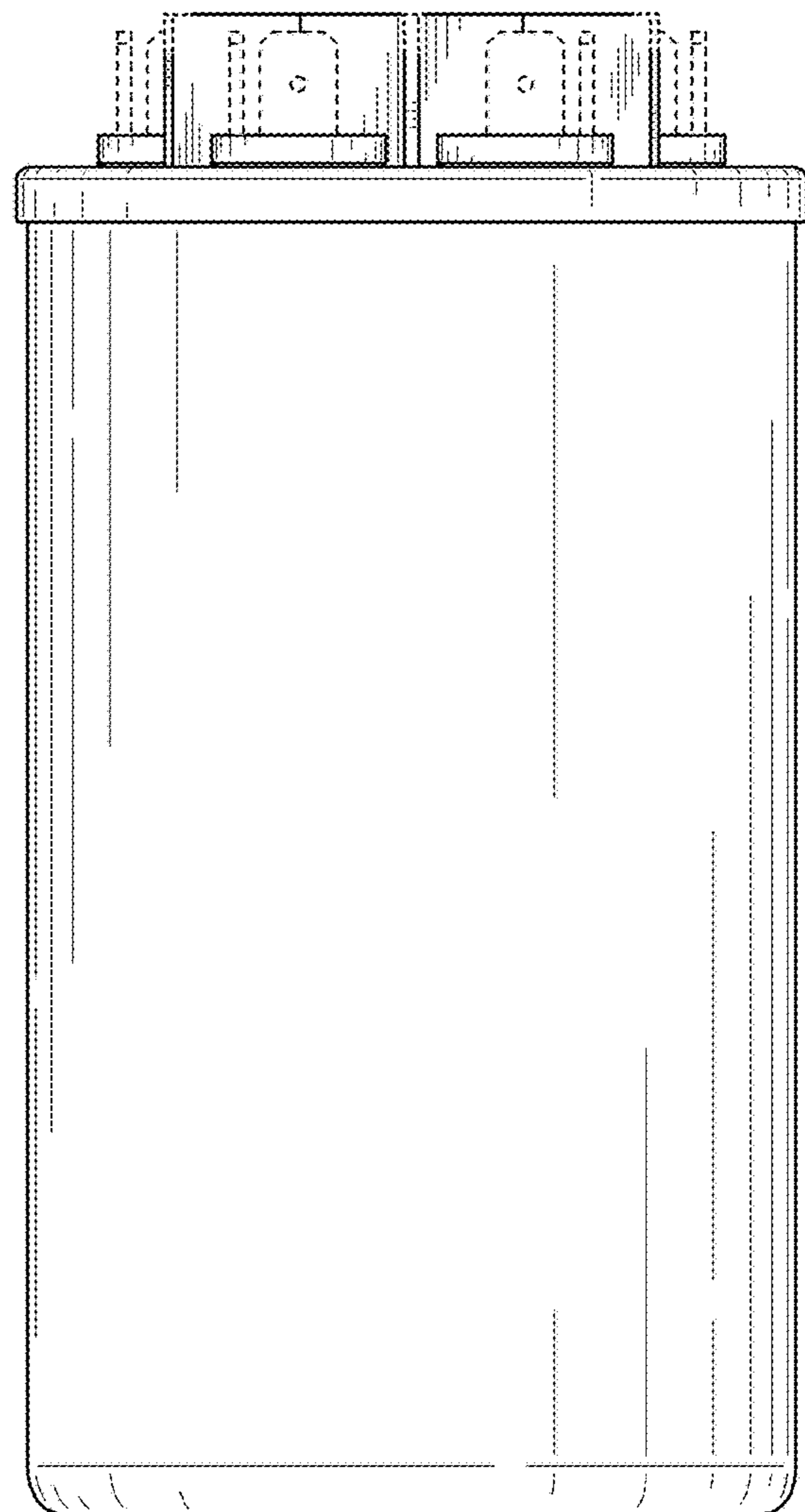


FIG. 3

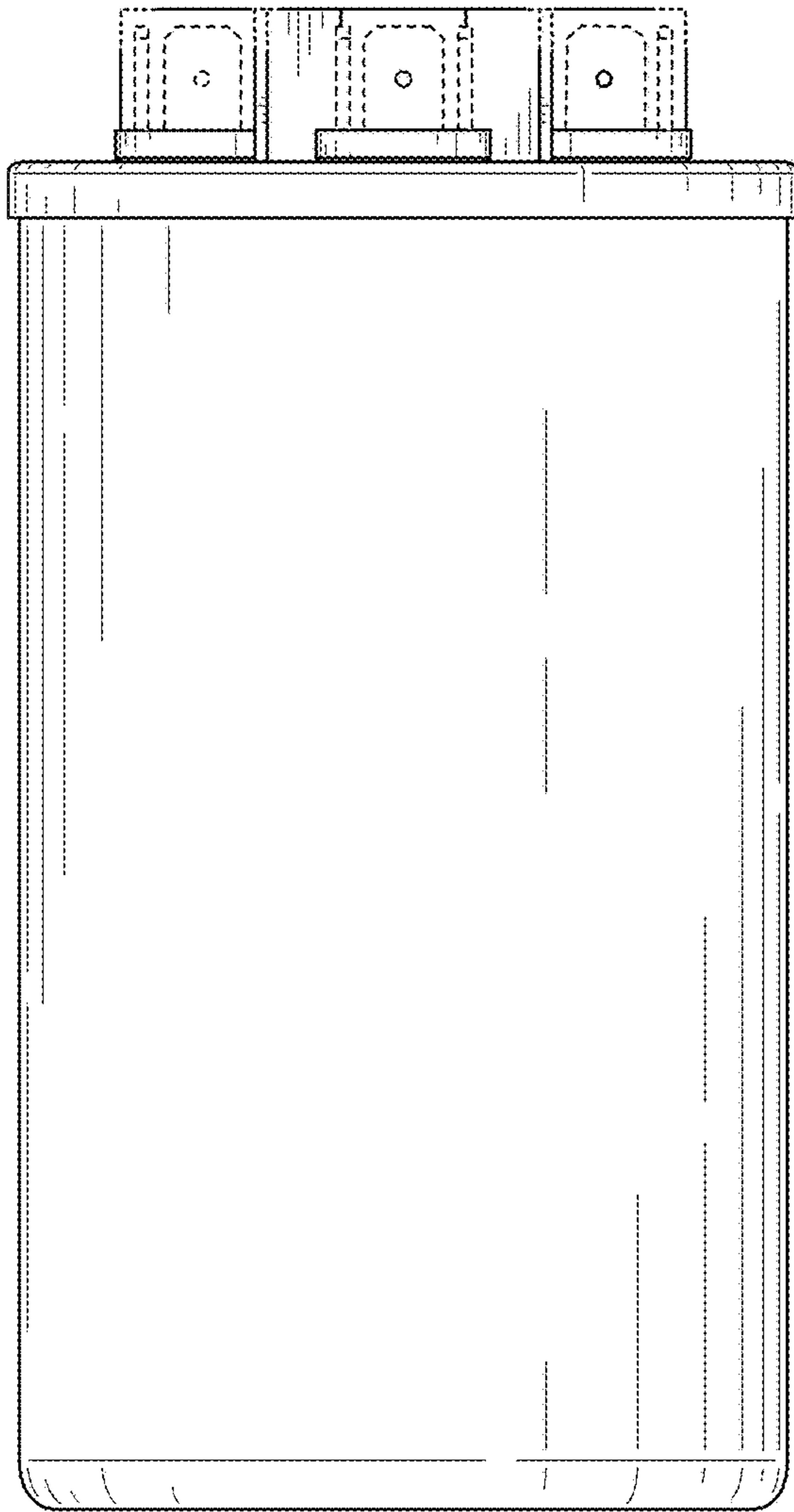


FIG. 4

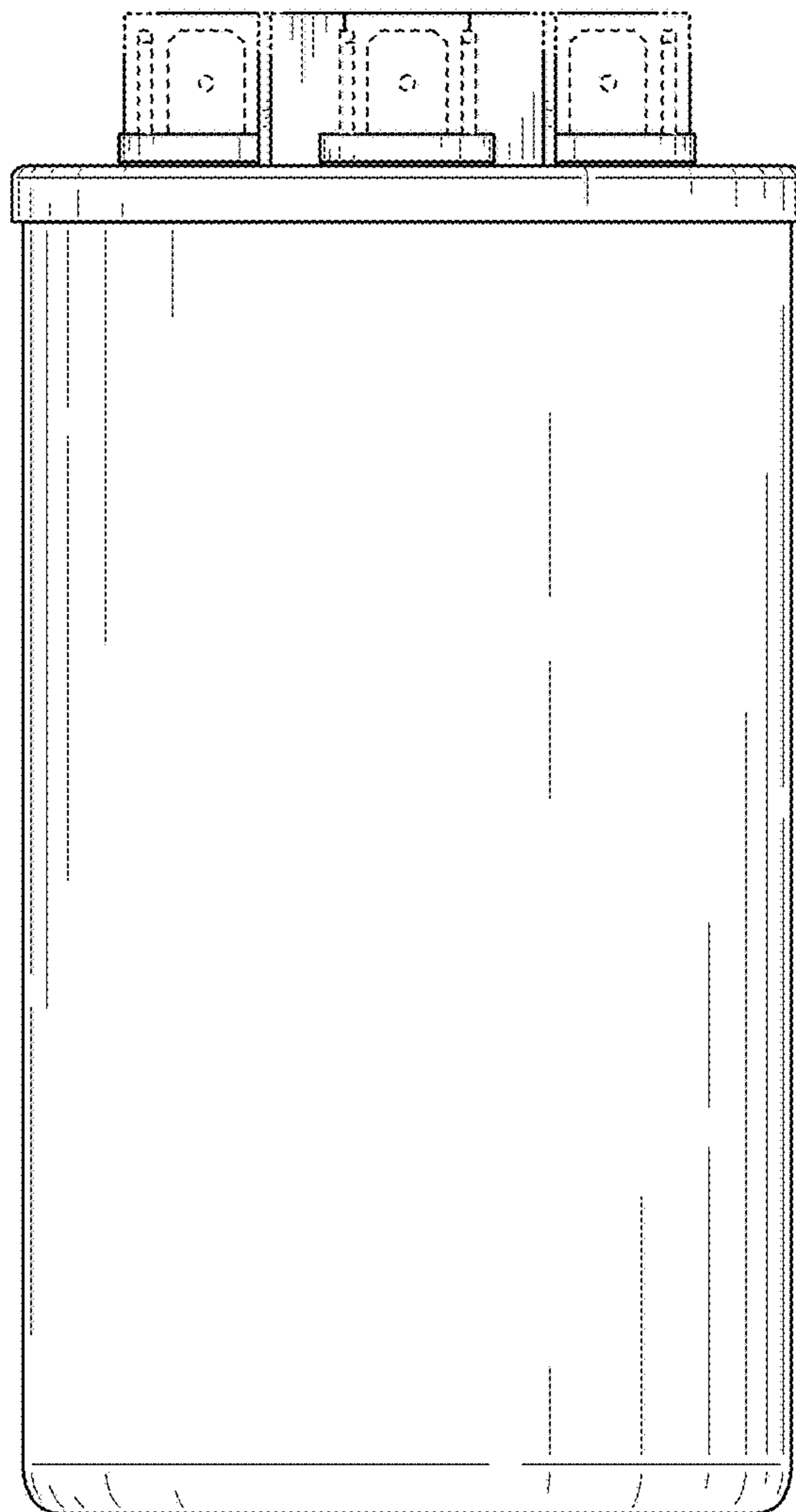


FIG. 5

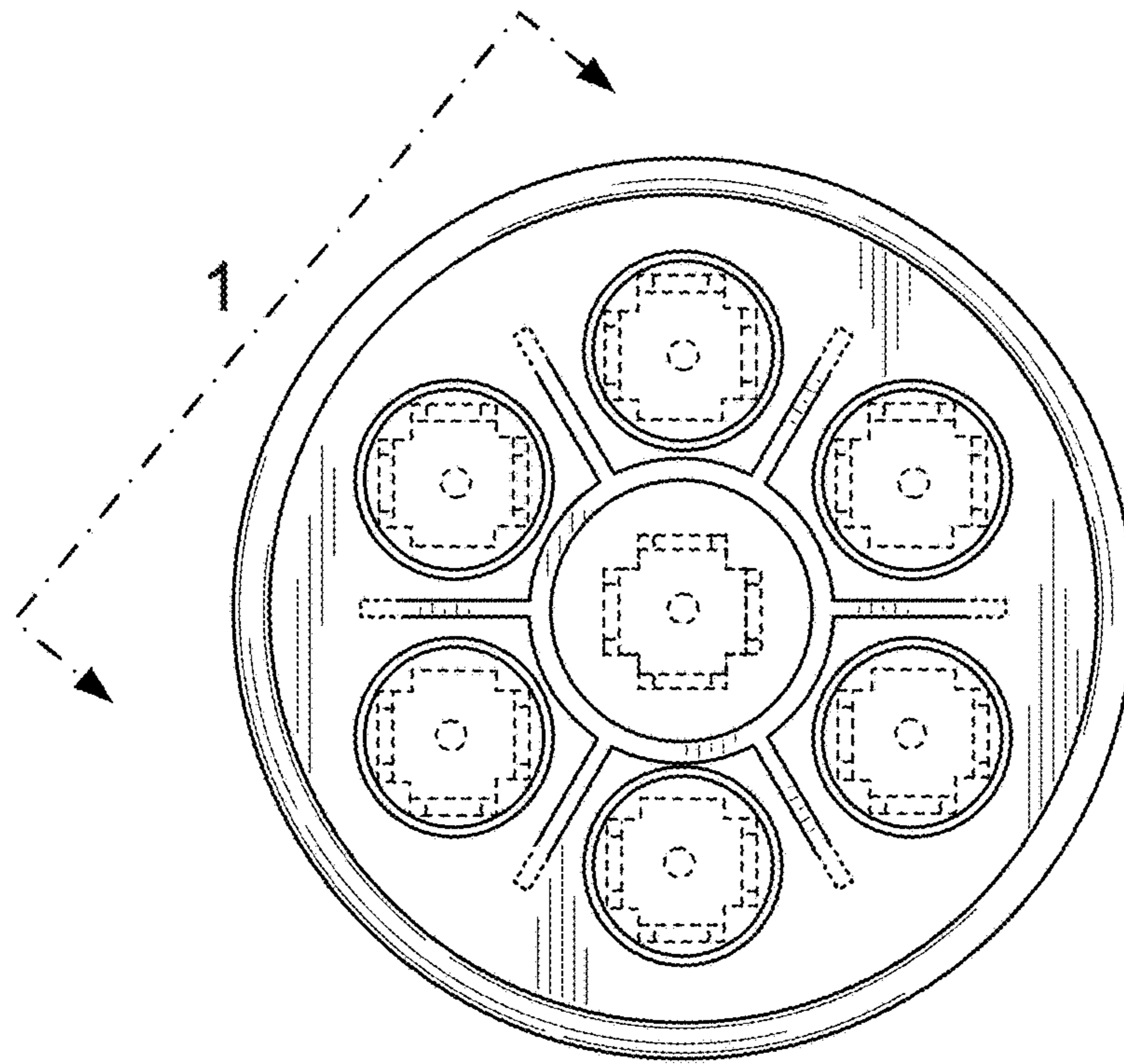


FIG. 6

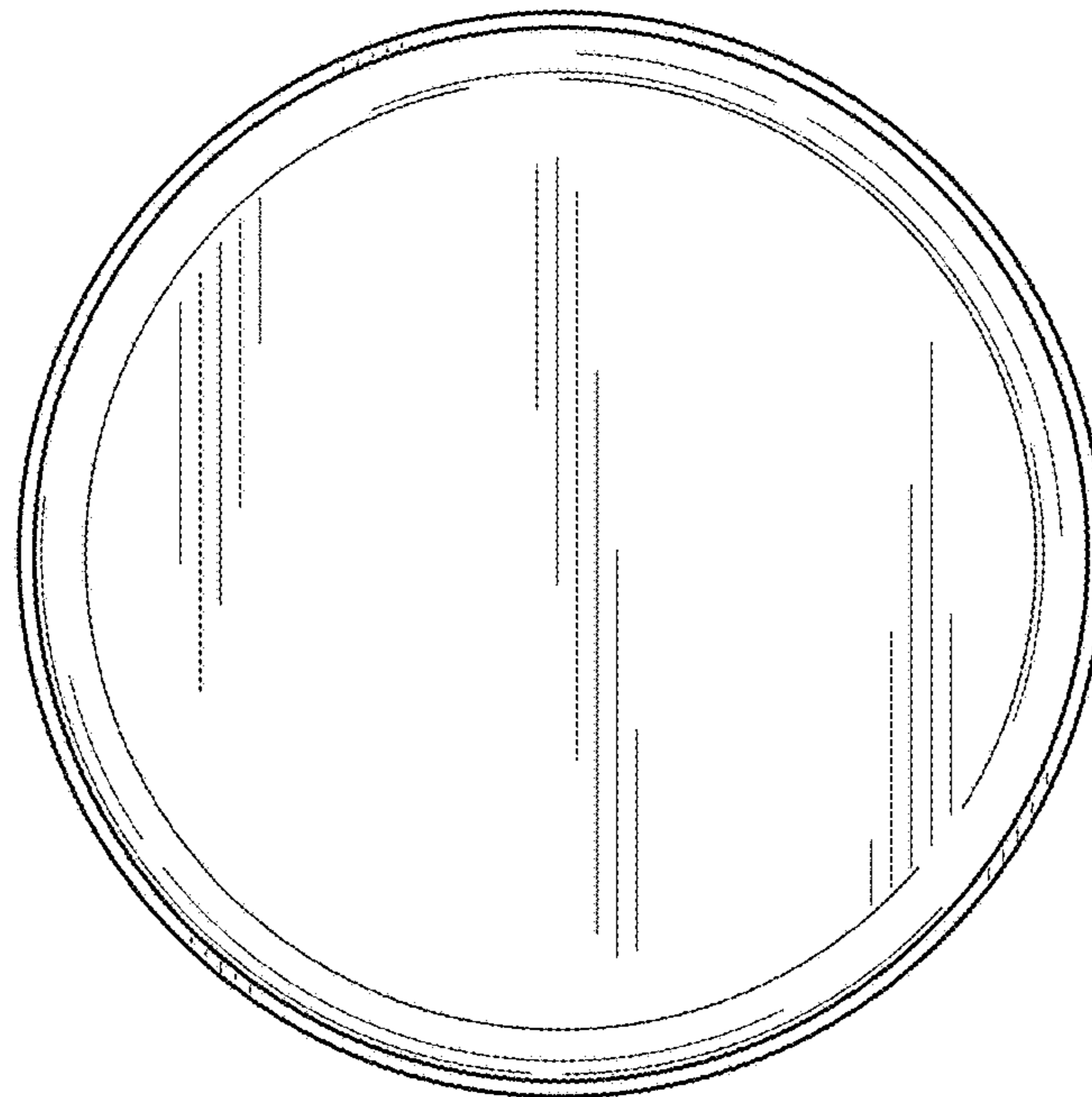


FIG. 7