



US00D892759S

(12) **United States Design Patent**
Zimmerman, III et al.

(10) **Patent No.:** **US D892,759 S**

(45) **Date of Patent:** **** Aug. 11, 2020**

(54) **SMALL CELL FOR MOUNTING ON A LIGHT POLE**

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(73) Assignee: **UBICQUIA LLC**, Fort Lauderdale, FL (US)

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

(21) Appl. No.: **29/709,724**

(22) Filed: **Oct. 16, 2019**

Related U.S. Application Data

(62) Division of application No. 29/637,774, filed on Feb. 21, 2018, now Pat. No. Des. 868,016.

(51) **LOC (12) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/140.6**

(58) **Field of Classification Search**
USPC D14/140, 140.1, 140.2, 140.3, 140.4, D14/140.5, 140.6, 142, 155, 168, 230,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D201,825 S 8/1965 Heenan
D214,706 S 7/1969 Kauffman

(Continued)

OTHER PUBLICATIONS

Mucci, "Top 3 wireless infrastructure service company trends," RCR Wireless News, Sep. 10, 2015. Retrieved on Oct. 23, 2019

from <https://www.rcwireless.com/20150910/workforce/top-3-wireless-infrastructure-service-company-trends-inside-telecom-careers-episode-12-tag1>.

(Continued)

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(57) **CLAIM**

The ornamental design for a small cell for mounting on a light pole, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a small cell for mounting on a light pole showing a first embodiment of our new design.

FIG. 2 is a top plan view thereof.

FIG. 3 is a bottom plan view thereof.

FIG. 4 is an enlarged scale partial cross-sectional view thereof taken along line 4-4 of FIG. 3.

FIG. 5 is a front elevational view thereof.

FIG. 6 is a rear elevational view thereof.

FIG. 7 is a left side elevational view thereof.

FIG. 8 is a right side elevational view thereof.

FIG. 9 is a perspective view of a small cell for mounting on a light pole showing a second embodiment of our new design.

FIG. 10 is a top plan view thereof.

FIG. 11 is a bottom plan view thereof.

FIG. 12 is an enlarged scale partial cross-sectional view thereof taken along line 12-12 of FIG. 11.

FIG. 13 is a front elevational view thereof.

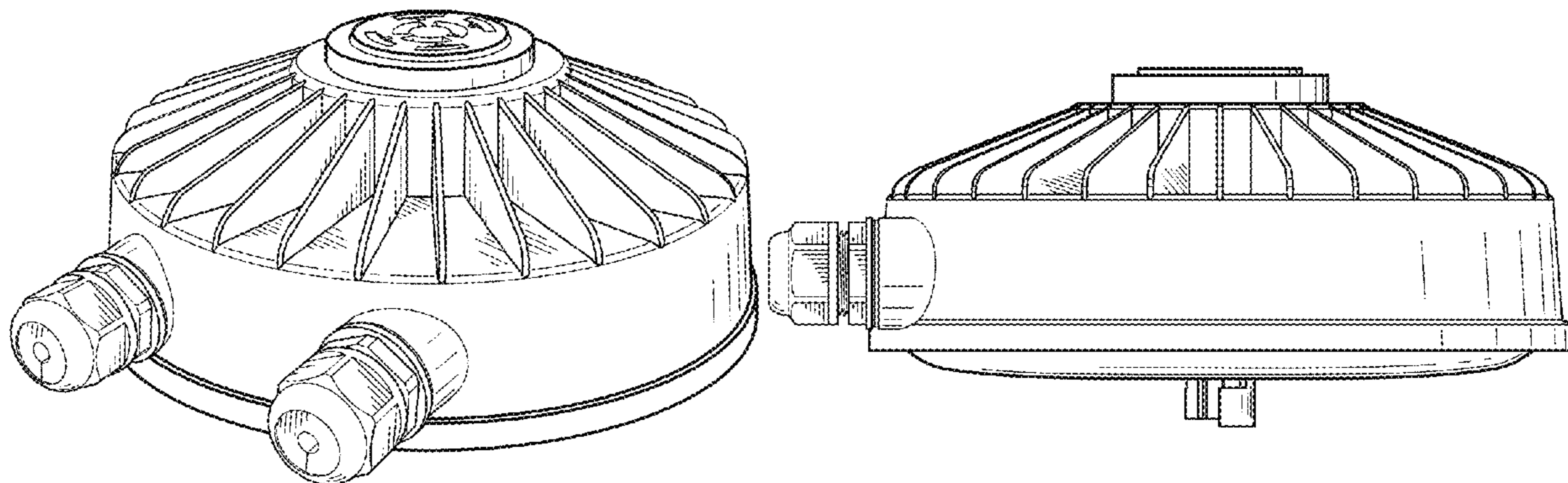
FIG. 14 is a rear elevational view thereof.

FIG. 15 is a left side elevational view thereof; and,

FIG. 16 is a right side elevational view thereof.

The dot-dash broken lines in FIGS. 3 and 11 define the boundary of the claim, which extends to the boundary but does not include the boundary; while all other broken lines depict portions of the small cell for mounting on a light pole that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



US D892,759 S

<p>(58) Field of Classification Search</p> <p>USPC D14/233, 240, 242, 243, 255, 299, 496, D14/356, 358, 236; D13/123, 152, 154, D13/158, 184, 199, 101, 110, 111, 112, D13/114, 160; D10/46, 75, 103, 104.1, D10/121, 106.1, 106.6, 106.3, 109.1, D10/109.2, 111, 114.1, 114.2, 114.6, D10/114.8; D26/72, 80, 81, 85, 88, 67, D26/68-71, 113, 138</p> <p>CPC F21S 8/006; F21S 8/08; F21S 8/081; F21S 8/032; F21S 8/085; F21S 8/086; F21S 8/088; F21S 9/03; F21S 9/032; F21S 9/035; F21S 9/037; F21V 23/04; F21V 23/0435; F21W 2131/109; H04W 88/08; H04W 16/24; H04W 8/245; H04W 84/042; H04W 84/045; H04W 84/047; H04M 1/72522; H04M 1/72525</p> <p>See application file for complete search history.</p>	<p>D570,722 S 6/2008 Taylor 7,406,298 B2* 7/2008 Luglio H04B 1/38 340/500</p> <p>D591,888 S 5/2009 Gill D591,889 S 5/2009 Gill D591,890 S 5/2009 Gill D591,891 S 5/2009 Gill D591,892 S 5/2009 Gill D592,088 S 5/2009 Miller D592,345 S 5/2009 Gill D592,346 S 5/2009 Gill D592,650 S 5/2009 Tsang et al. D598,316 S 8/2009 Kuwano D601,053 S 9/2009 Ferrie et al. D604,279 S 11/2009 Chen et al. D605,965 S 12/2009 Jackson D608,232 S 1/2010 Duran Neira et al. D608,673 S 1/2010 Arosio D612,760 S 3/2010 Chen et al. D616,777 S 6/2010 Jackson D619,992 S 7/2010 Wayman D621,812 S 8/2010 Wayman D622,709 S 8/2010 Hern et al. D623,633 S 9/2010 Bliss et al. D624,448 S 9/2010 Jackson D626,442 S 11/2010 Jackson D627,911 S 11/2010 Mo et al. D634,308 S 3/2011 Bliss et al. D638,001 S 5/2011 Nakhjiri et al. D641,647 S 7/2011 Wu D647,812 S 11/2011 Kuwano et al. D648,241 S 11/2011 Kuwano et al. D650,115 S 12/2011 Kim et al. D650,513 S 12/2011 Blincoe et al. D651,110 S 12/2011 Kuwano D651,111 S 12/2011 Kuwano D651,112 S 12/2011 Kuwano D651,113 S 12/2011 Kuwano et al. D652,334 S 1/2012 Kuwano et al. D666,583 S 9/2012 Le et al. D668,981 S 10/2012 Hsiao D668,982 S 10/2012 Hsiao D674,787 S 1/2013 Tsuda et al. D674,788 S 1/2013 Tsuda et al. D680,893 S 4/2013 Adams D684,078 S 6/2013 Clifford et al. D690,450 S 9/2013 Guercio et al. D694,740 S 12/2013 Apostolakis D696,642 S 12/2013 Jia et al. D701,466 S 3/2014 Clifford et al. D706,152 S 6/2014 Ni et al. D709,782 S 7/2014 Stuffle D713,092 S 9/2014 Smith et al. D713,816 S 9/2014 Fleetwood et al. D720,247 S 12/2014 Covelli et al. D729,214 S 5/2015 Beaudoin D733,107 S 6/2015 Porter D744,985 S 12/2015 Schulz et al. D744,986 S 12/2015 Huerta et al. D749,974 S 2/2016 Hoßbach et al. D751,534 S 3/2016 Lenz et al. D757,588 S 5/2016 Stuffle 9,362,629 B2 6/2016 Hinman et al. D772,206 S 11/2016 Lasier et al. D772,850 S 11/2016 Söfström D790,514 S 6/2017 Woodward et al. D791,109 S 7/2017 Wallace et al. D794,635 S 8/2017 Nimre D806,691 S 1/2018 Andersson D817,914 S 5/2018 Britz et al. D823,839 S 7/2018 Emery D829,696 S 10/2018 Wallace et al. D833,312 S 11/2018 Alonso D844,581 S 4/2019 Zhou 10,312,650 B2* 6/2019 Siacotos H01R 33/96 D856,962 S* 8/2019 Hart D14/155 D867,319 S* 11/2019 Aaron D14/140.6 D867,320 S* 11/2019 Aaron D14/140.6 D867,321 S* 11/2019 Zimmerman, III D14/140.6</p>
<p>(56) References Cited</p> <p style="text-align: center;">U.S. PATENT DOCUMENTS</p> <p>D227,785 S 7/1973 Kaysen D237,369 S 10/1975 Lowndes D239,517 S 4/1976 Lowndes D242,778 S 12/1976 Goble et al. D242,779 S 12/1976 Goble et al. D242,942 S 1/1977 Brudy et al. 4,503,360 A 3/1985 Bedel D286,988 S 12/1986 Akiyama et al. 4,731,551 A* 3/1988 Gibbs H05B 47/16 307/141</p> <p>4,804,972 A 2/1989 Schudel D310,064 S 8/1990 Cheng D311,540 S 10/1990 Wickrema et al. D327,691 S 7/1992 Ogawa et al. D333,661 S 3/1993 Elliott et al. D336,864 S 6/1993 Gottlieb D346,170 S 4/1994 Tang D347,436 S 5/1994 Tang D349,256 S 8/1994 Bellinger et al. D390,566 S 2/1998 Martek et al. D401,175 S 11/1998 Bender et al. D402,991 S 12/1998 Mosser D404,325 S 1/1999 Bender et al. D404,326 S 1/1999 Bender et al. D411,640 S 6/1999 Lueken et al. D412,676 S 8/1999 Layes D436,101 S 1/2001 McGovern et al. D437,243 S 2/2001 Cessac D440,890 S 4/2001 Warner et al. D442,947 S 5/2001 Warner et al. D453,329 S 2/2002 Muramatsu D455,735 S 4/2002 Winslow D457,518 S 5/2002 Wilson D462,070 S 8/2002 Wilson D462,675 S 9/2002 Kusz et al. D466,496 S 12/2002 McDonald et al. D467,242 S 12/2002 Warner et al. D468,731 S 1/2003 Wilson D486,146 S 2/2004 Dearnley D493,169 S 7/2004 Cheng D493,447 S 7/2004 Noro et al. D513,477 S 1/2006 Heftman D519,860 S 5/2006 Bugbee D525,231 S 7/2006 McMillen et al. D531,626 S 11/2006 Agrawal et al. D543,540 S 5/2007 Westerling et al. D543,975 S 6/2007 McCown D544,805 S 6/2007 Corrigan et al. D550,659 S 9/2007 Noro D557,260 S 12/2007 Westerling et al. D560,533 S 1/2008 Dueker et al. D566,698 S 4/2008 Choi et al.</p>	

(56)

References Cited

U.S. PATENT DOCUMENTS

D868,015 S * 11/2019 Zimmerman, III D14/140.6
D868,016 S * 11/2019 Zimmerman, III D14/140.6
D868,017 S * 11/2019 Aaron D14/140.6
D868,722 S * 12/2019 Zimmerman, III D14/140.6
D871,361 S * 12/2019 Aaron D14/140.6
D875,705 S * 2/2020 Zimmerman, III D14/140.6
2014/0155054 A1 6/2014 Henry et al.
2015/0124100 A1 5/2015 McRory
2018/0045388 A1 2/2018 McDowell et al.
2018/0172229 A1 6/2018 Lockwood et al.
2018/0172243 A1 6/2018 Clynne et al.
2018/0279445 A1 9/2018 Harwood
2018/0292056 A1 10/2018 Kim
2018/0323503 A1 11/2018 Bouchard
2020/0088390 A1* 3/2020 Stegeman F21S 8/086

OTHER PUBLICATIONS

“Smart Lighting-Ubicell” Ubicquia, from http://www.ubicquia.com/wp-content/uploads/2019/01/word_press_product_ubicell.png Retrieved Jun. 14, 2019.

“Smart Connectivity-Ubicell” Ubicquia retrieved on Jun. 14, 2019 from http://www.ubicquia.com/wp-content/uploads/2019/01/word_press_product_ubihub.png.

“UbicellL-ubihub—ubimetro” Facebook, Uploaded Feb. 26, 2018. retrieved on Jun. 14, 2019 <https://www.facebook.com/ubicquia/photos/a.367486246971918/542412166145991/?type=3&theater>.

* cited by examiner

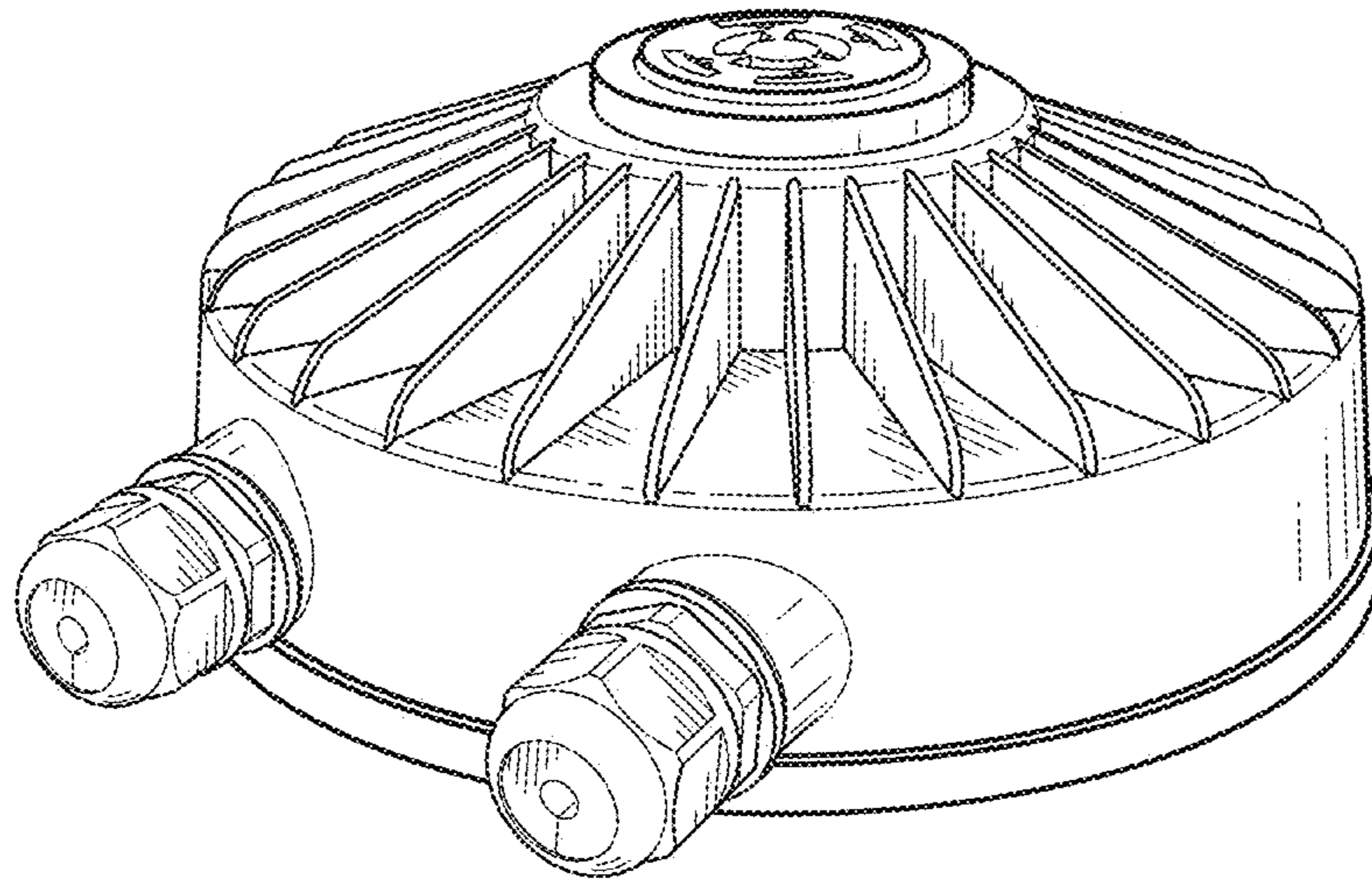


FIG. 1

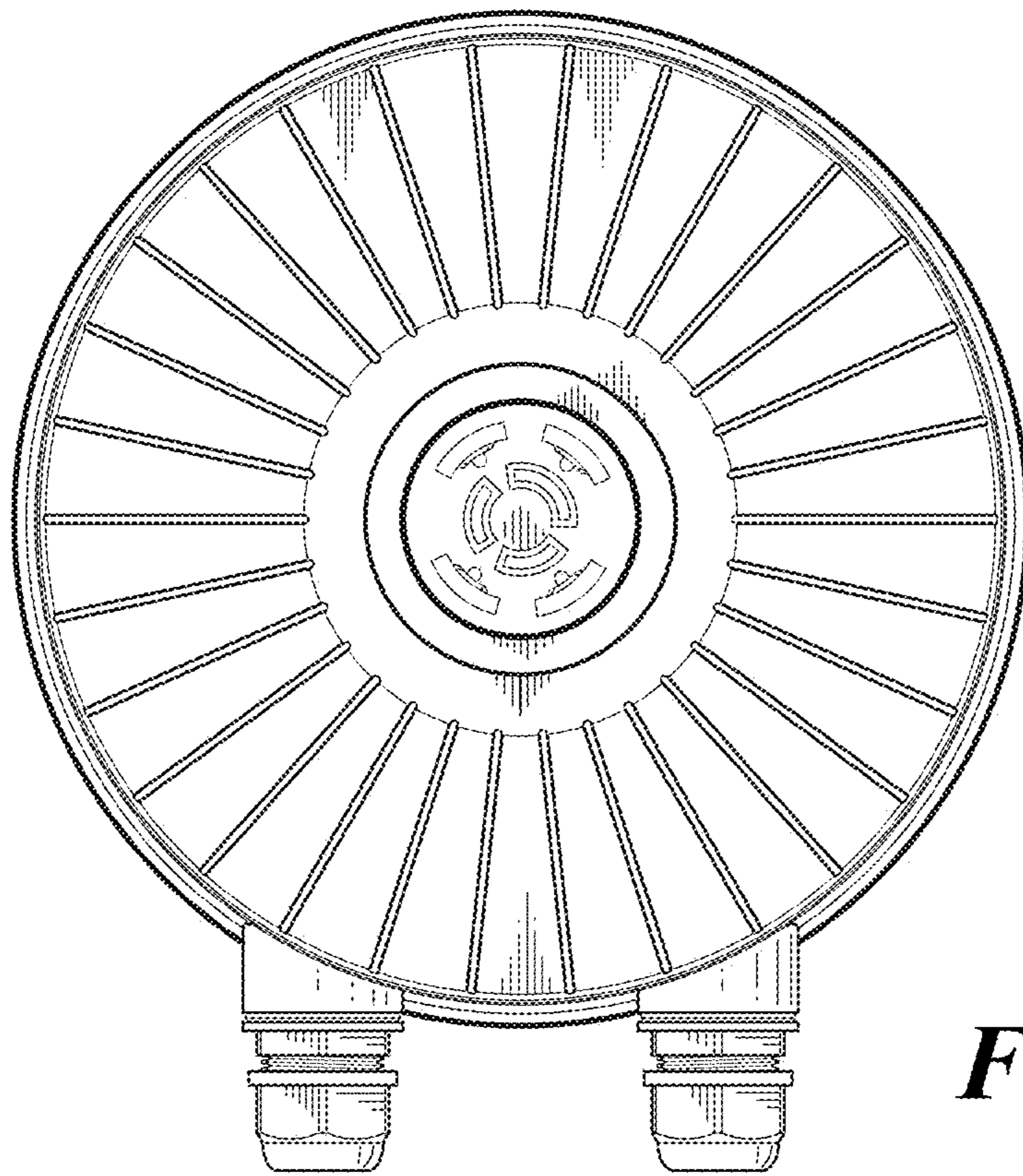


FIG. 2

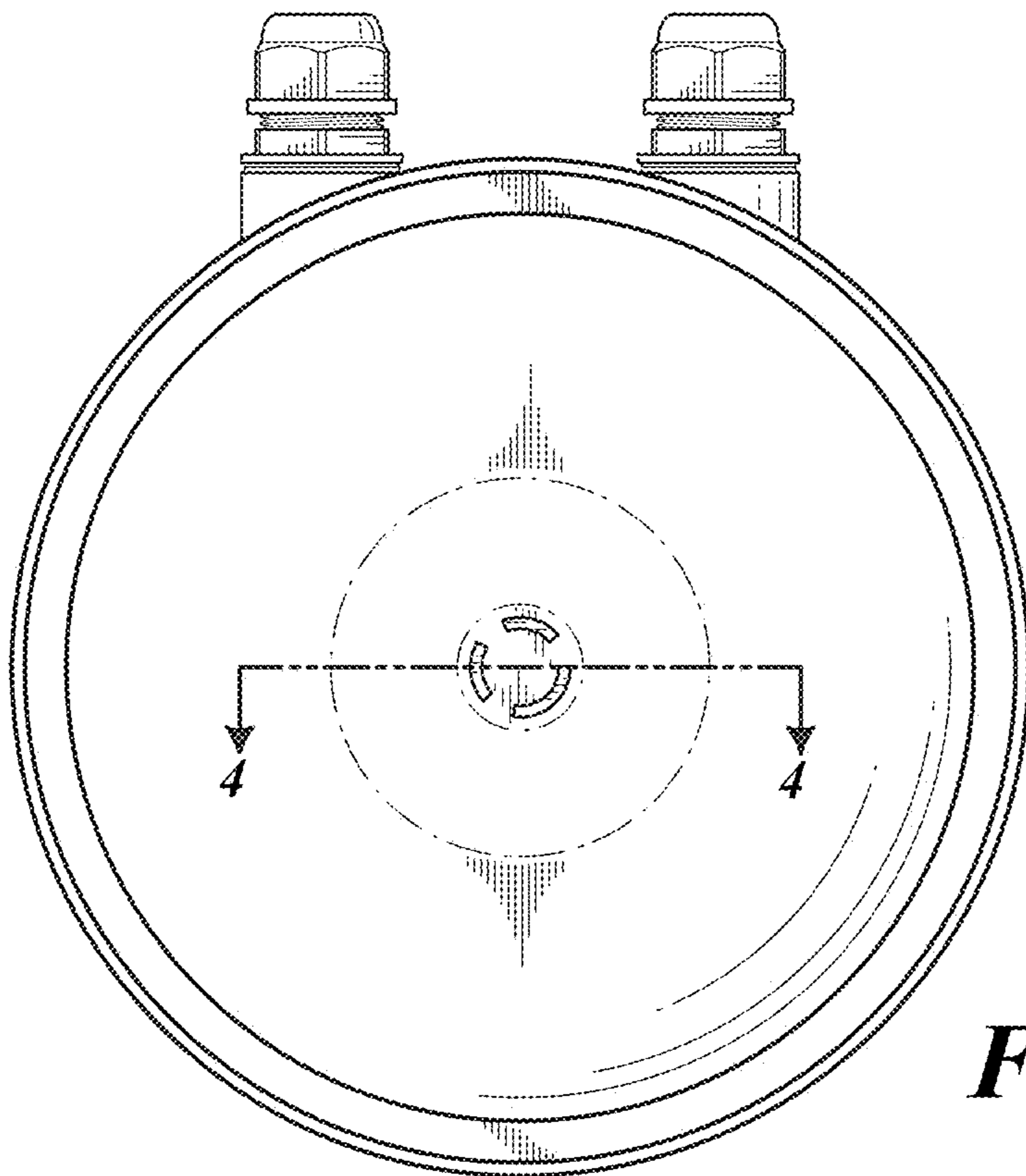


FIG. 3

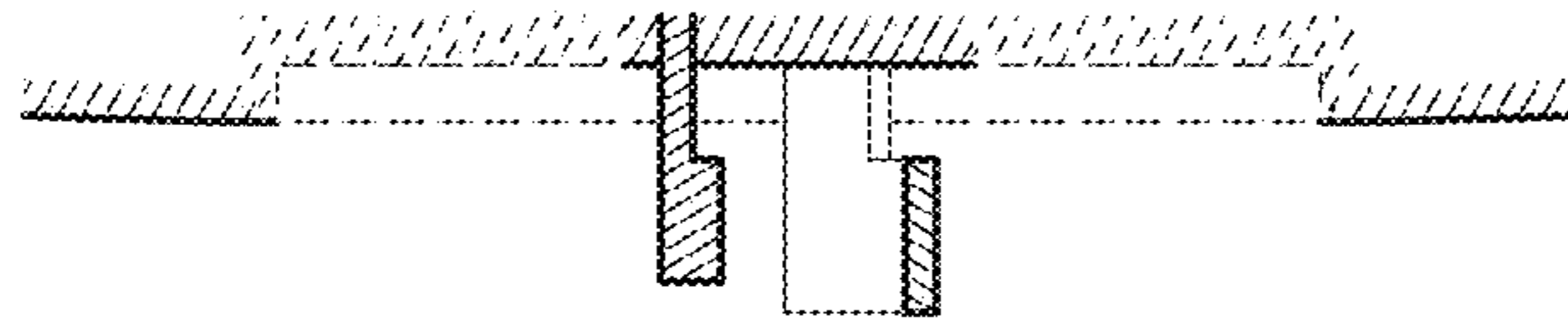


FIG. 4

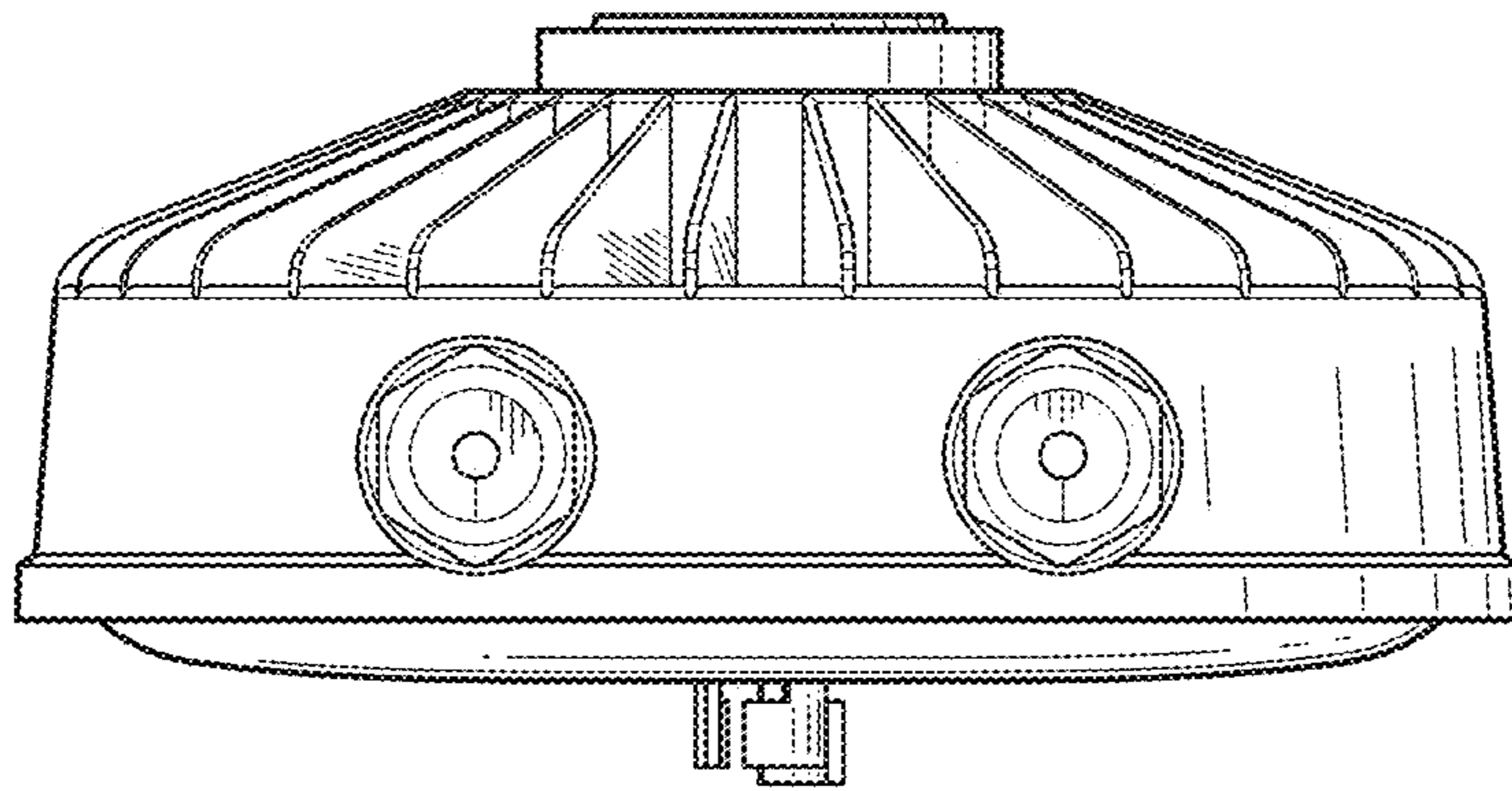


FIG. 5

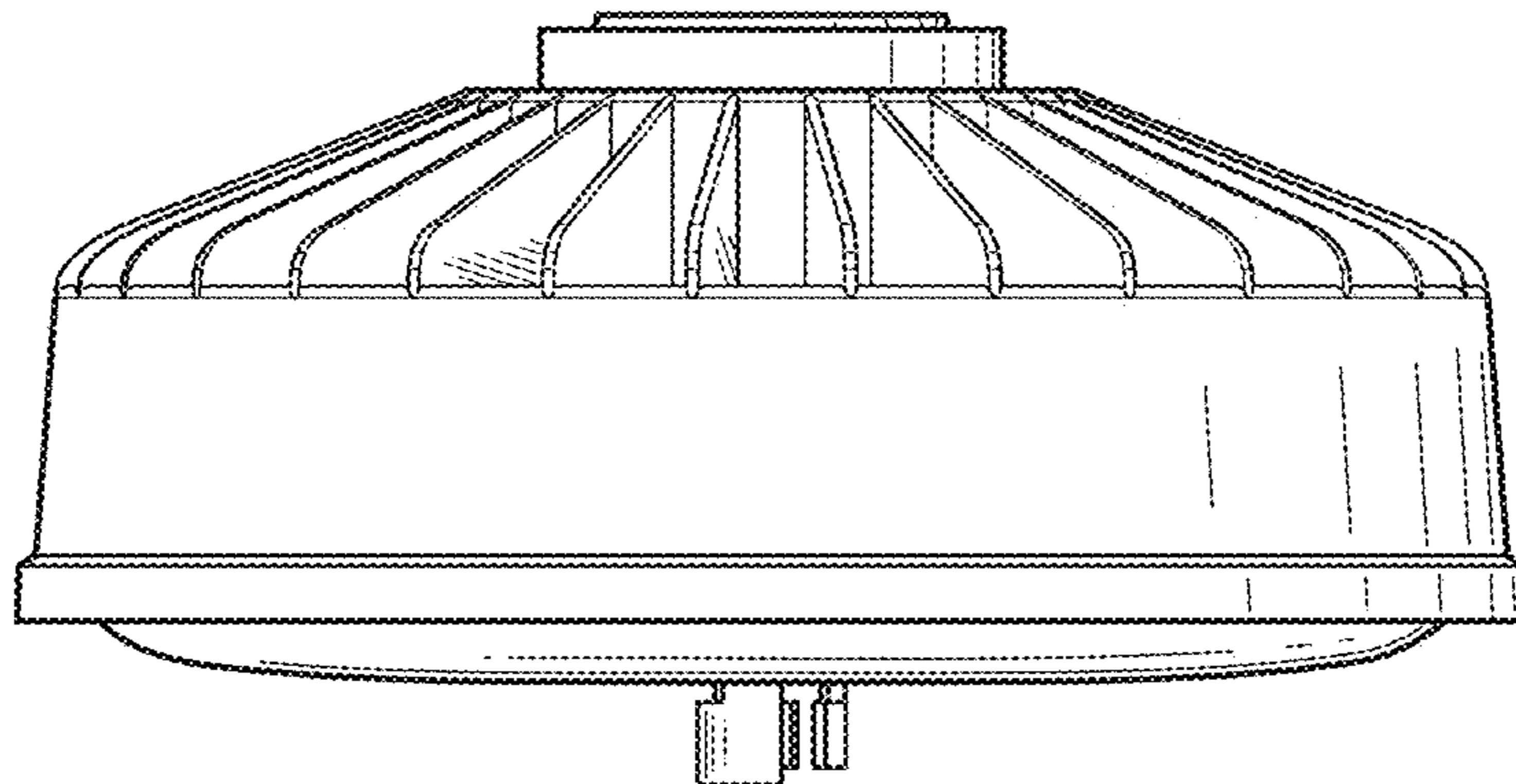


FIG. 6

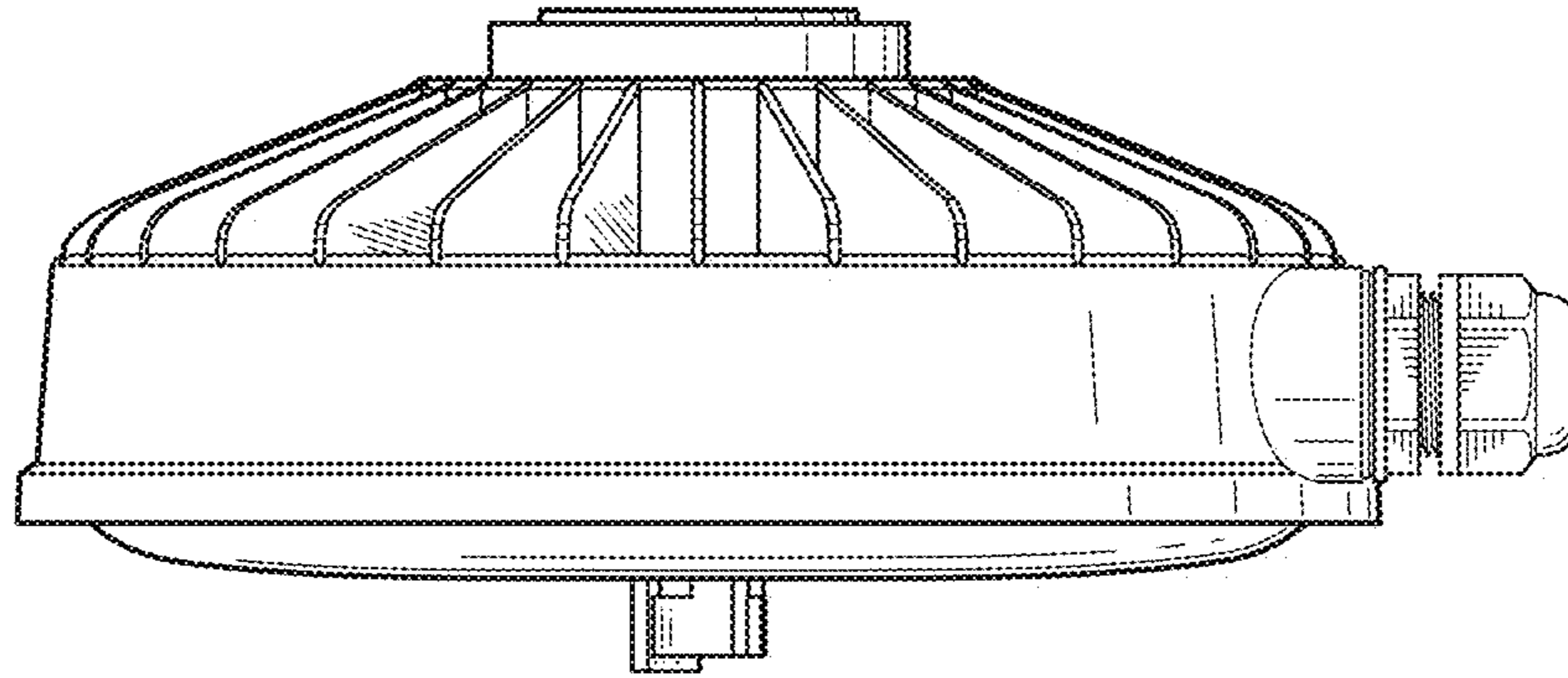


FIG. 7

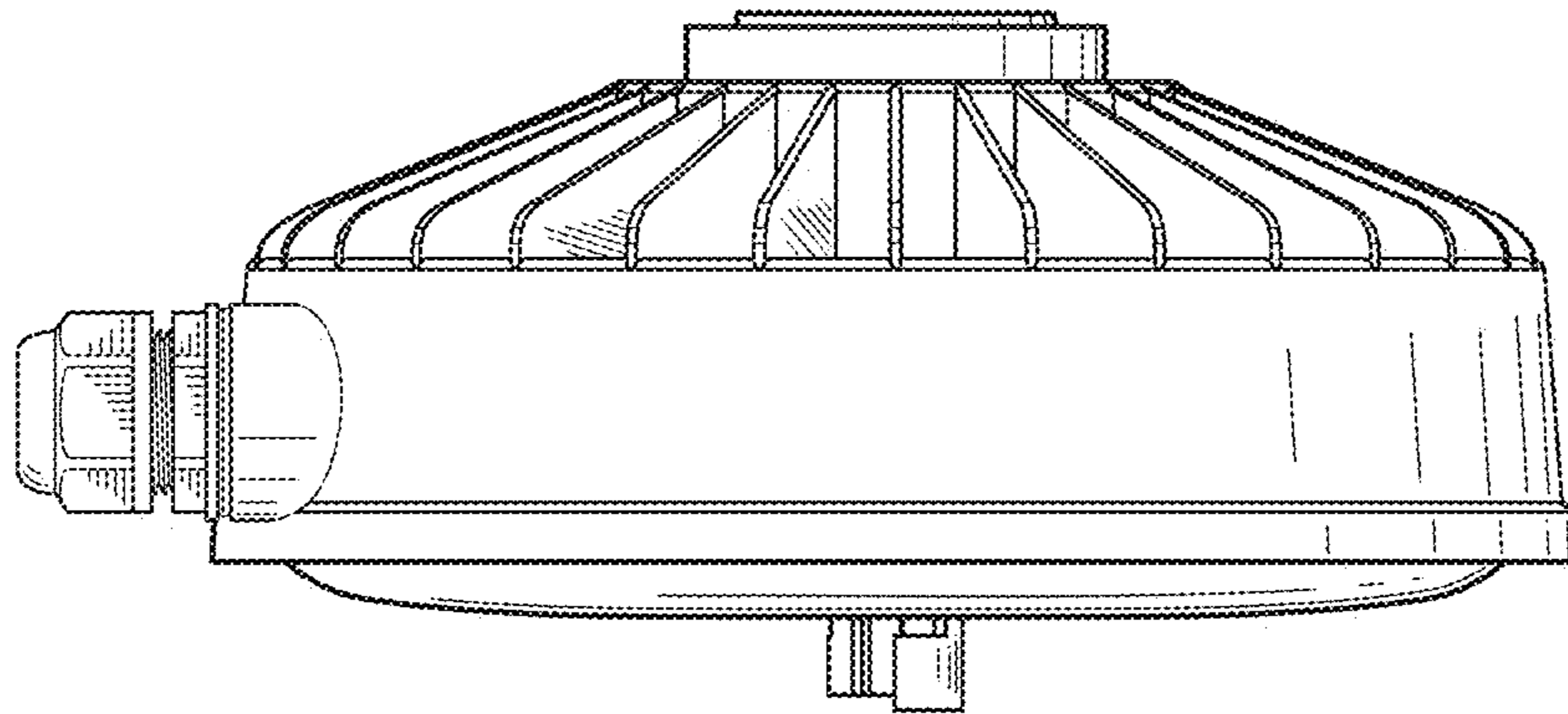


FIG. 8

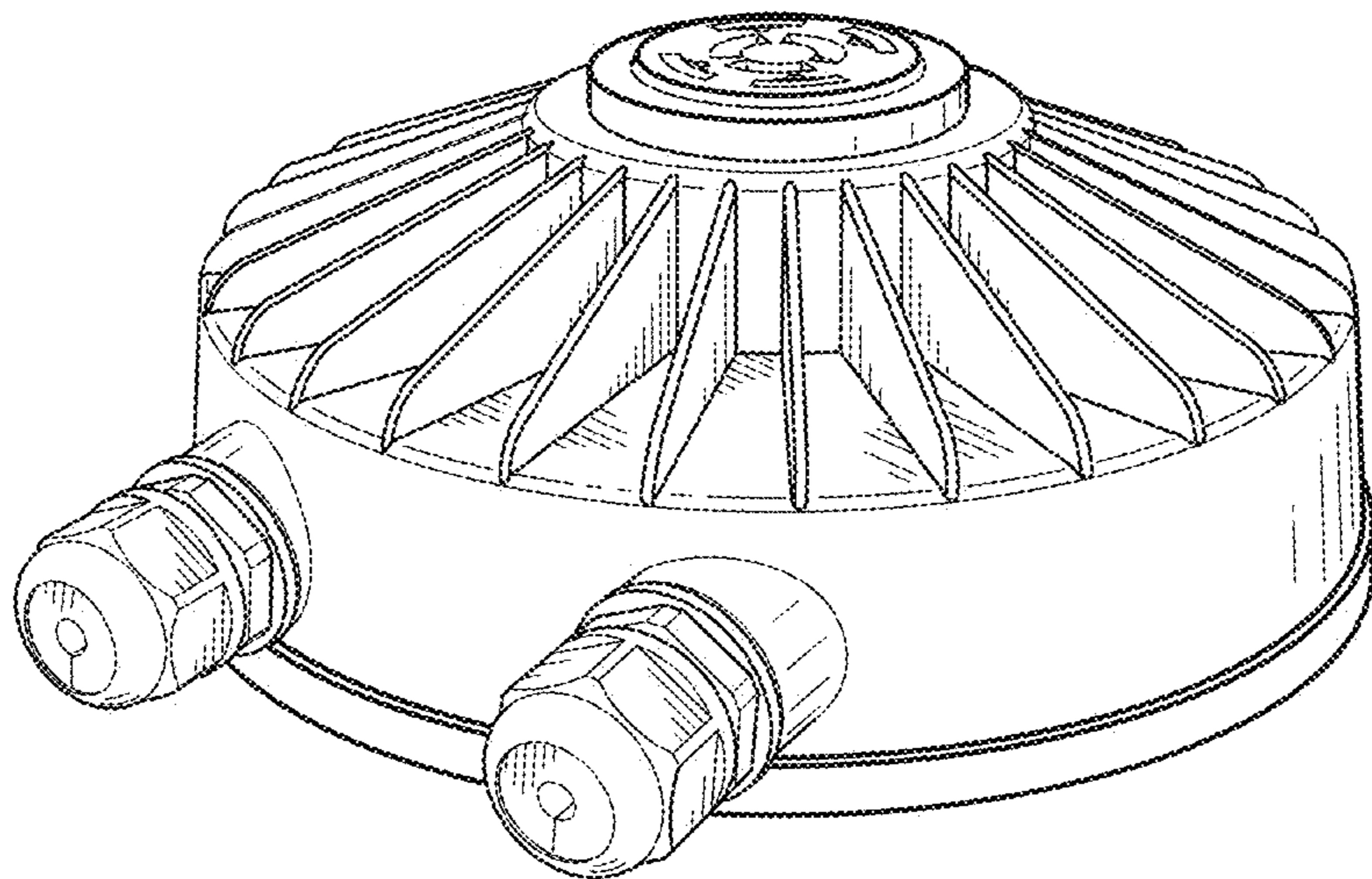


FIG. 9

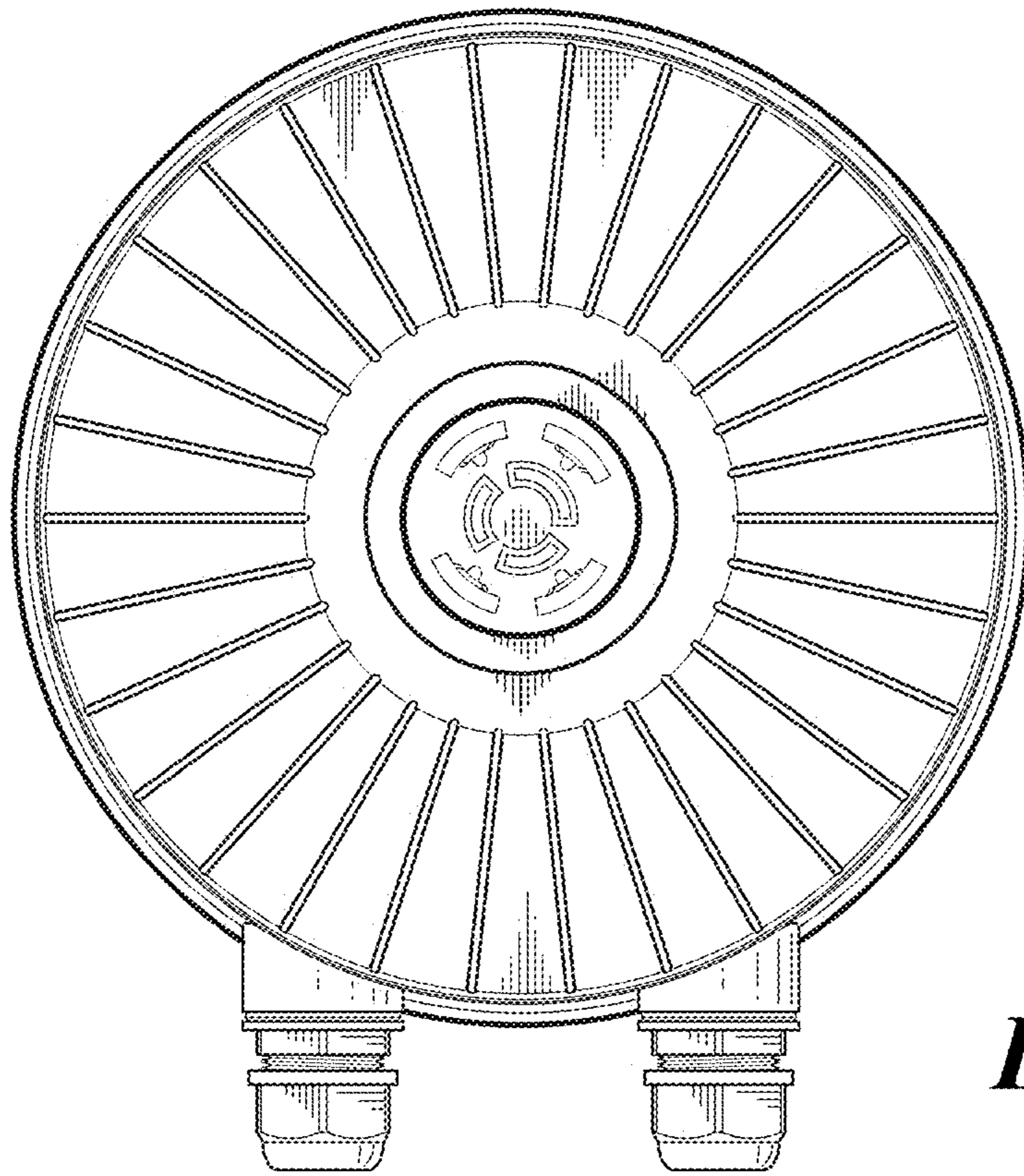


FIG. 10

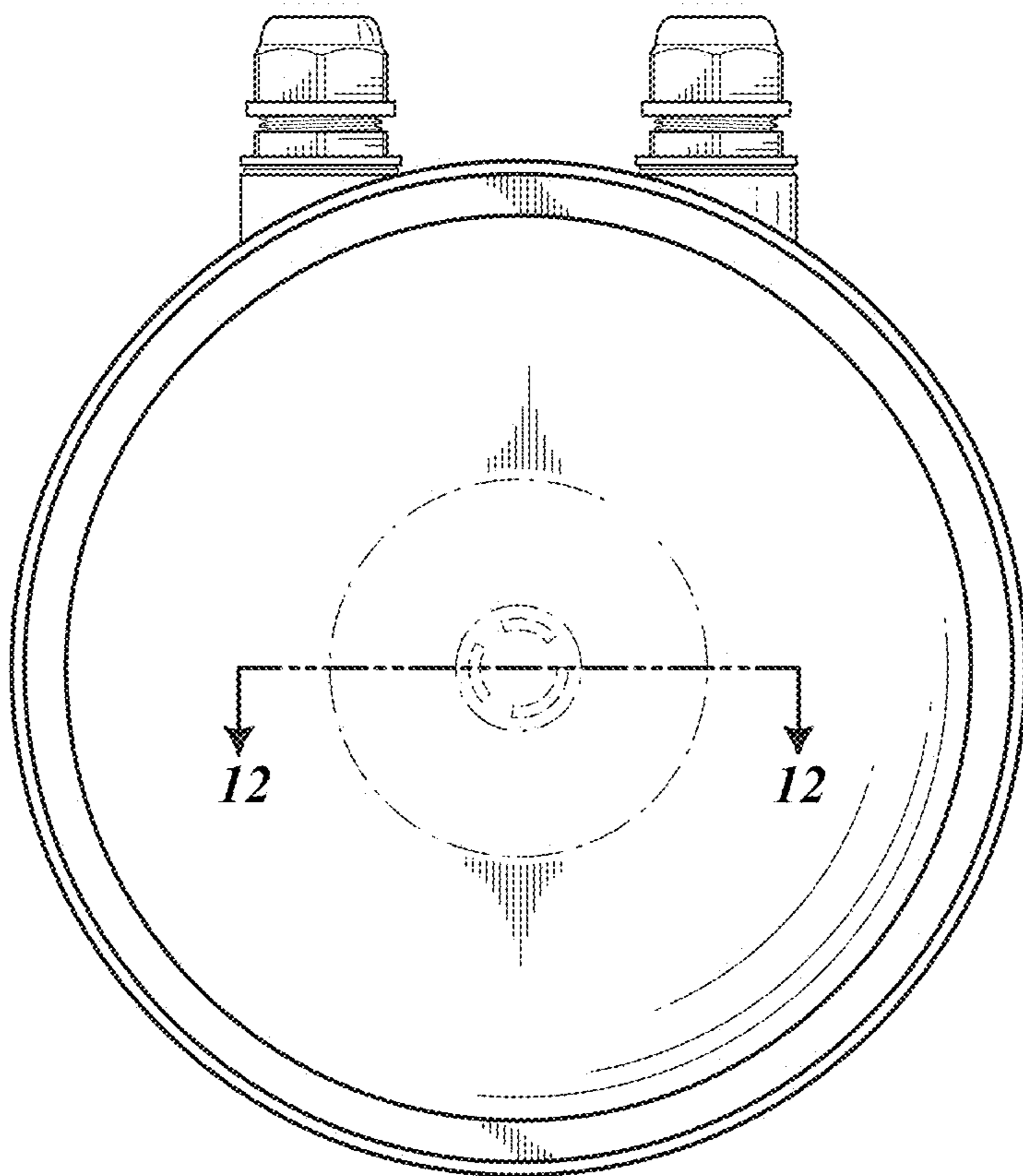


FIG. 11

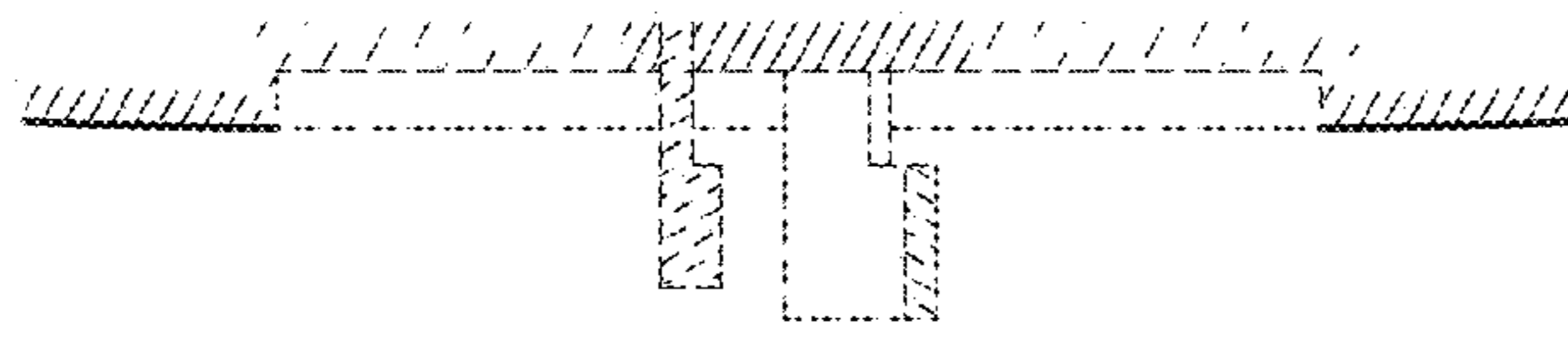


FIG. 12

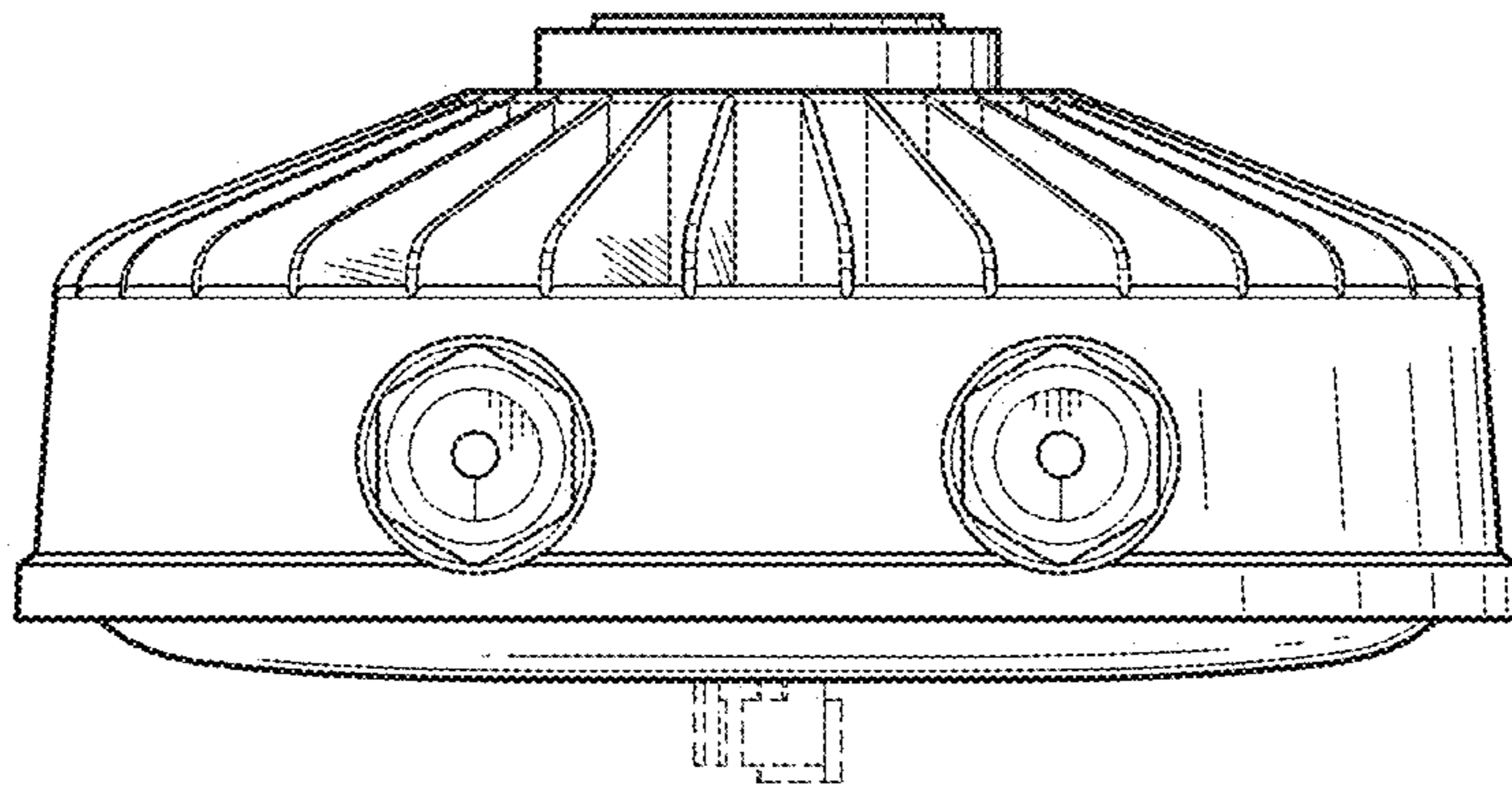


FIG. 13

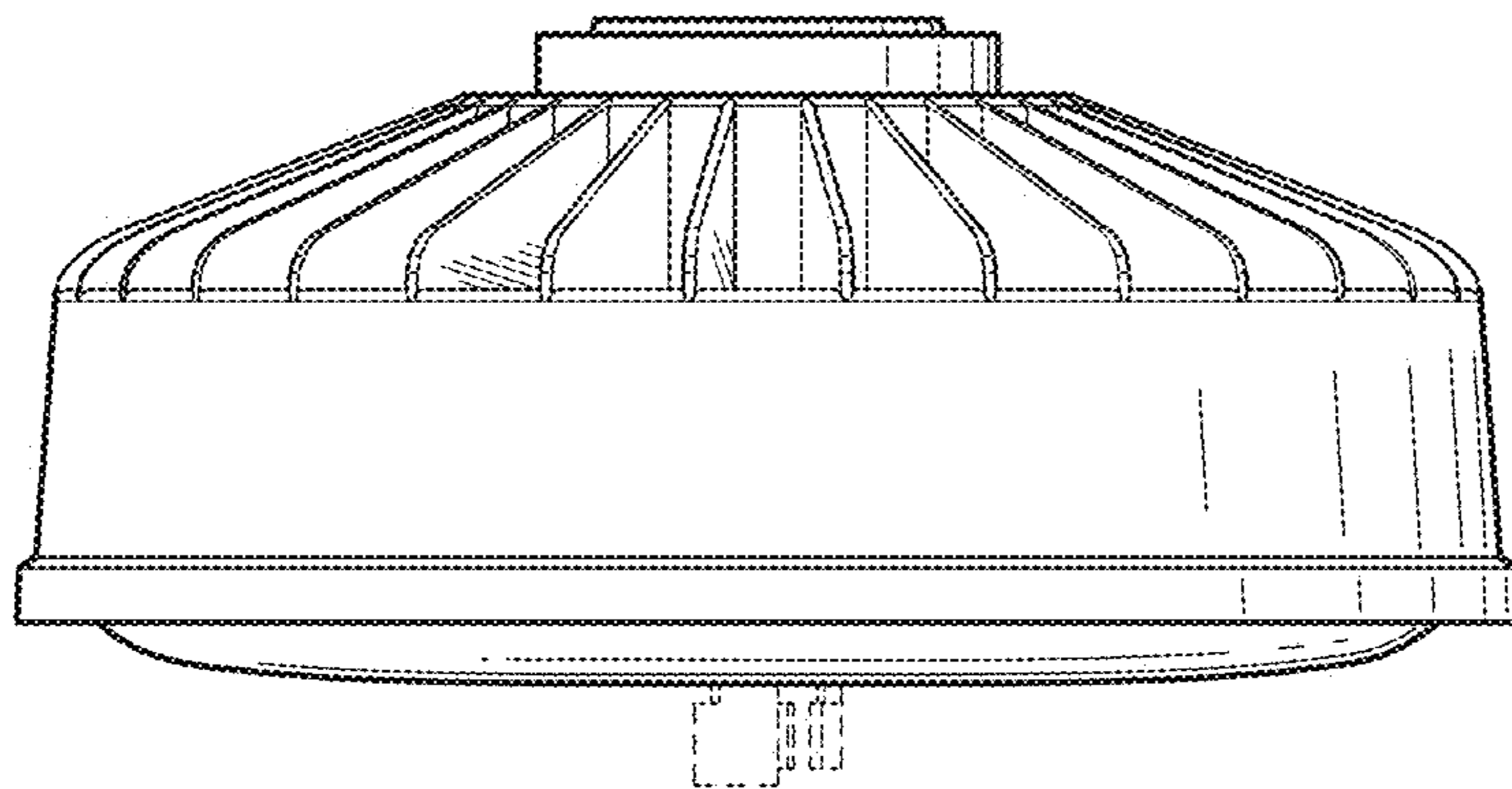


FIG. 14

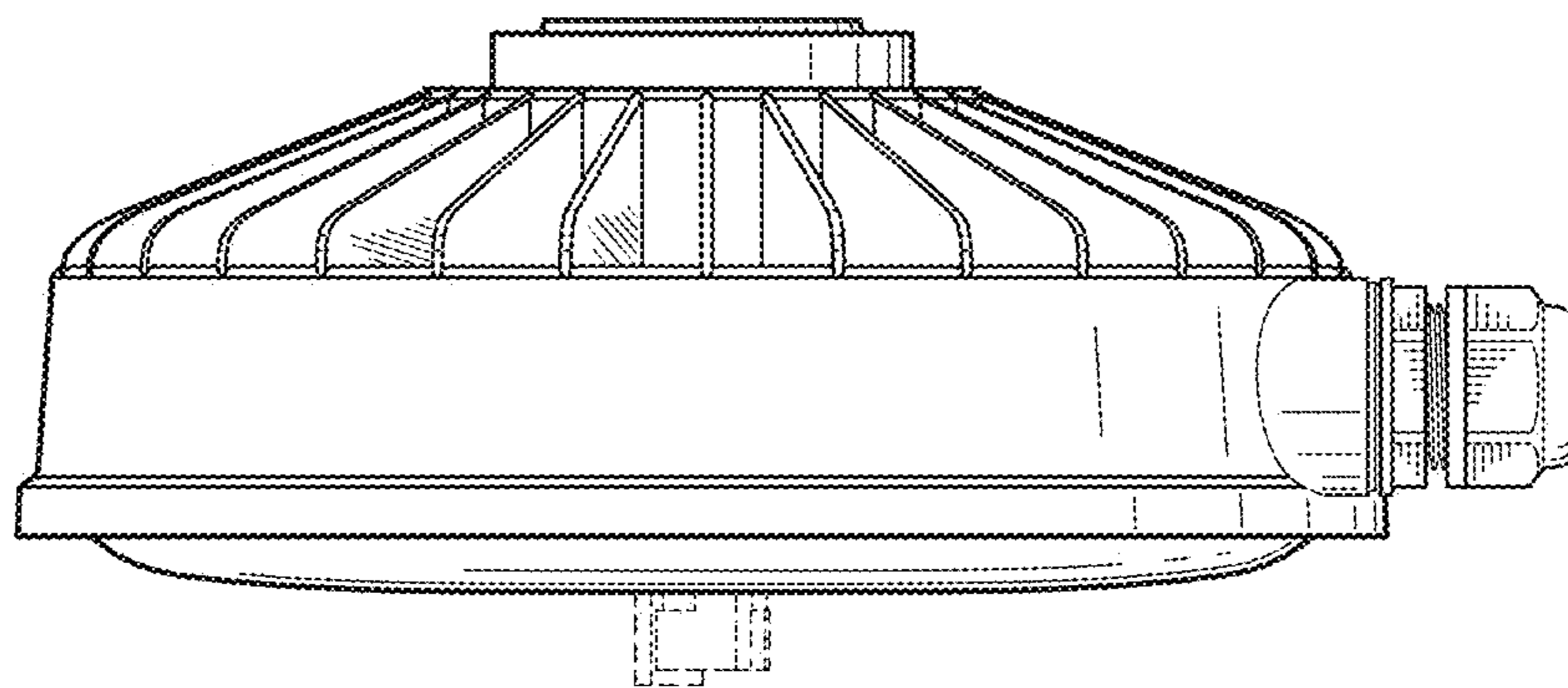


FIG. 15

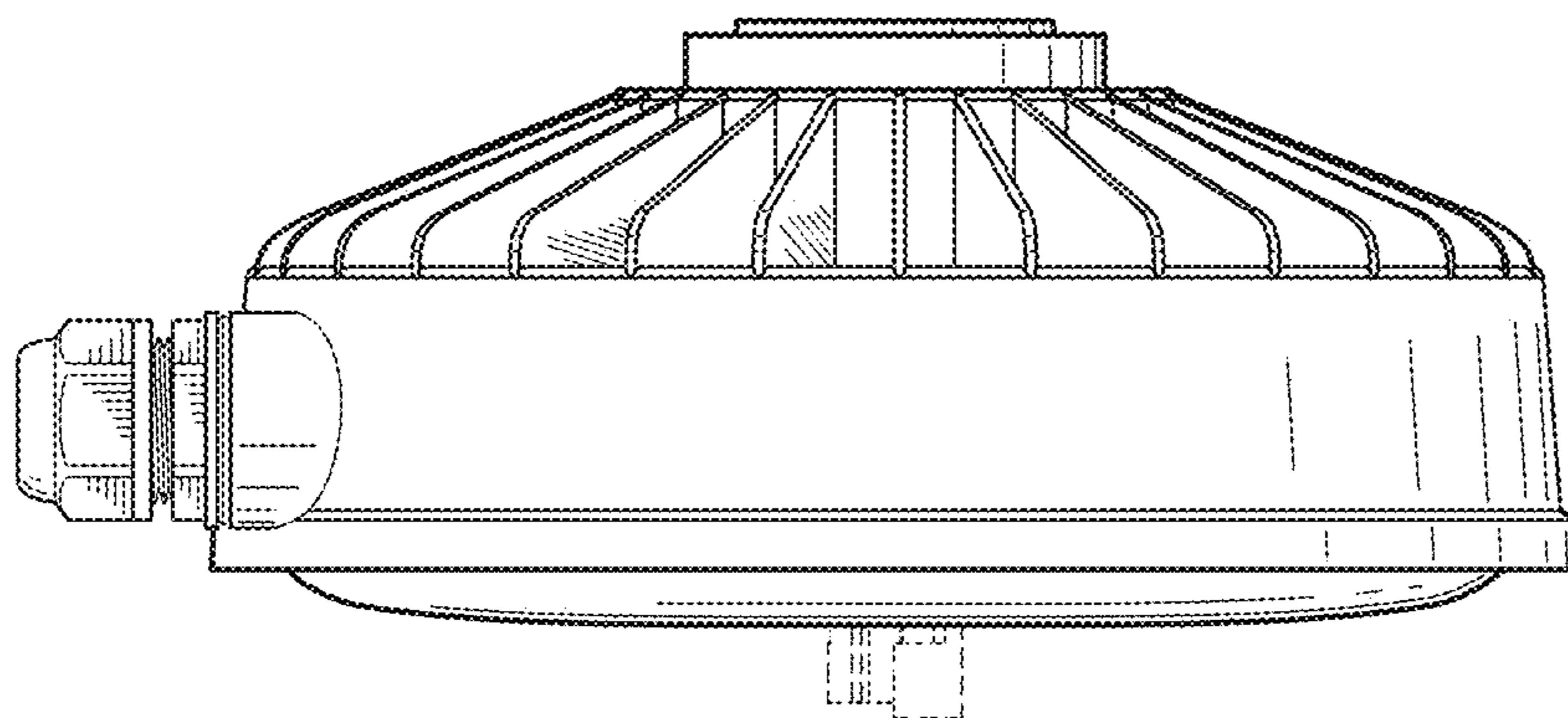


FIG. 16