



US00D812124S

(12) **United States Design Patent**  
**Duffy et al.**

(10) **Patent No.:** **US D812,124 S**  
(45) **Date of Patent:** **\*\* Mar. 6, 2018**

- (54) **CAMERA STAND**
- (71) Applicant: **GOOGLE INC.**, Mountain View, CA (US)
- (72) Inventors: **Gregory R. Duffy**, San Francisco, CA (US); **Melissa D. McLean**, Novato, CA (US); **Aamir S. Virani**, San Francisco, CA (US)
- (73) Assignee: **GOOGLE LLC**, Mountain View, CA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/549,999**
- (22) Filed: **Dec. 29, 2015**

**Related U.S. Application Data**

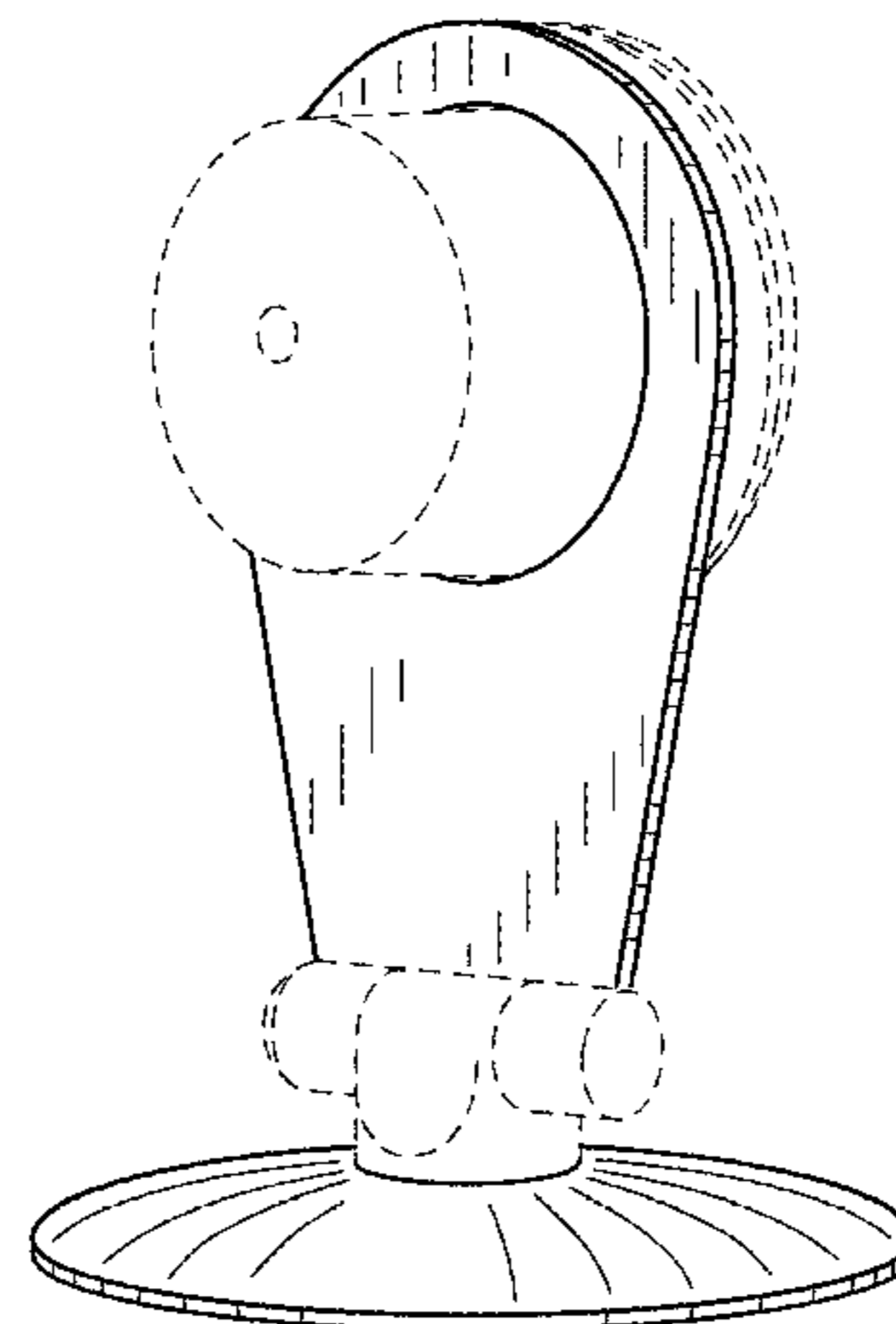
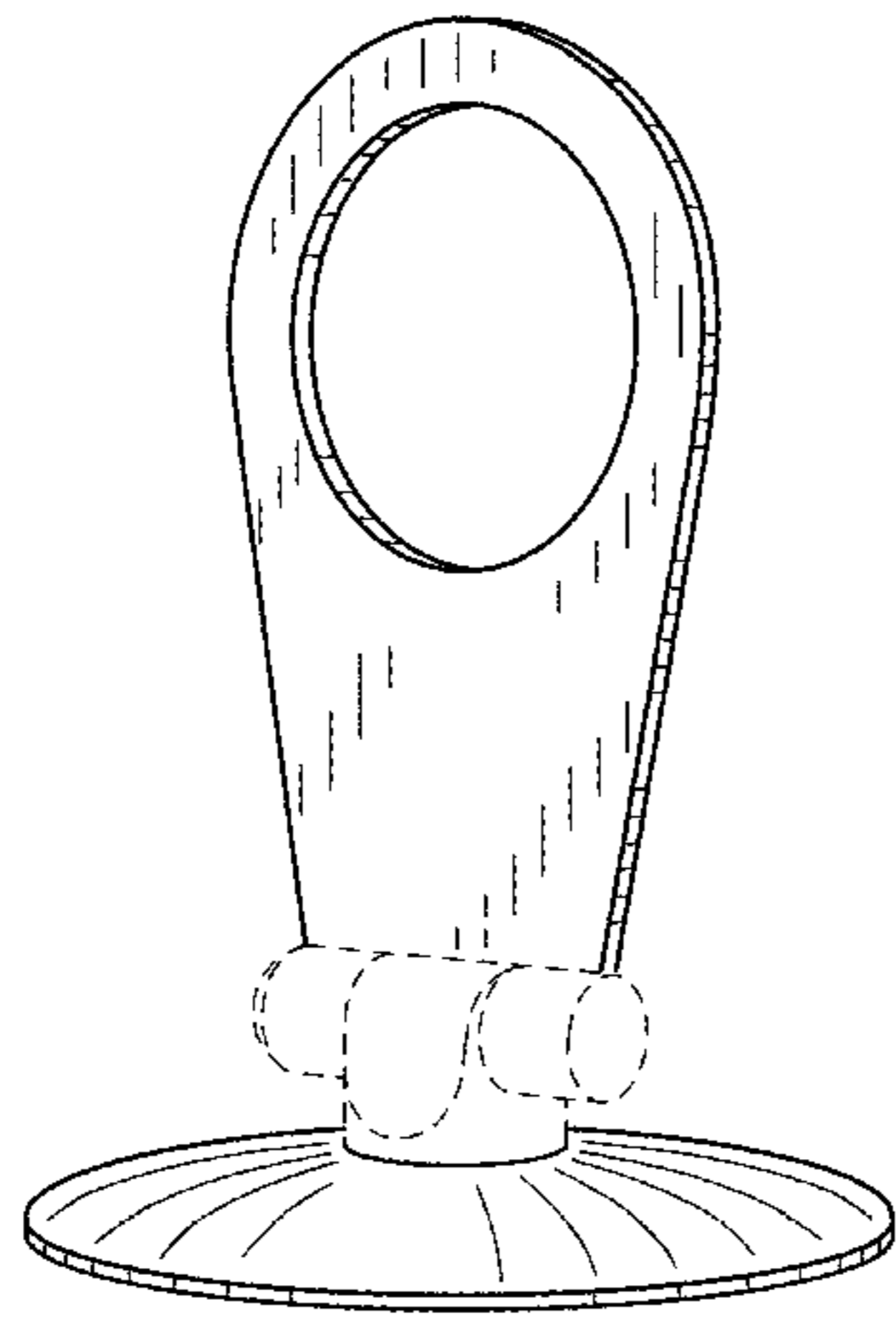
- (63) Continuation of application No. 14/701,283, filed on Apr. 30, 2015, which is a continuation of application No. 13/604,399, filed on Sep. 5, 2012, now Pat. No. 9,071,740.
- (51) **LOC (11) Cl.** ..... **16-05**
- (52) **U.S. Cl.**  
USPC ..... **D16/219**
- (58) **Field of Classification Search**  
USPC ..... D16/200, 202-205, 208, 218, 219, 237, D16/242-245; 348/14.01-14.6, 143, 148, 348/151, 373-376; 396/419, 427, 428, 396/535, 539-541; 248/176.1, 187.1  
CPC ..... G03B 17/02; G03B 19/04; G03B 17/56; G03B 17/04; G03B 15/03; H04N 2101/00; H04N 2007/145; H04N 7/141; H04N 7/142; H04N 7/147; H04N 7/148; H04N 7/15; H04N 7/152  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,997,935 A 8/1961 Scheffold  
3,782,260 A 1/1974 Ettischer et al.

D349,914 S 8/1994 Usui  
D357,267 S 4/1995 Yotsuya  
D372,490 S 8/1996 Sheffield et al.  
5,604,534 A 2/1997 Hedges et al.  
D385,571 S 10/1997 Abrams  
5,862,428 A 1/1999 An  
5,963,253 A 10/1999 Dwyer  
5,978,028 A 11/1999 Yamane  
6,088,470 A 7/2000 Camus et al.  
D429,269 S 8/2000 Renkis  
D429,743 S 8/2000 Renkis  
6,141,052 A 10/2000 Fukumitsu  
6,147,701 A 11/2000 Tamura et al.  
D442,202 S 5/2001 Pfeifer  
D445,123 S 7/2001 Shen  
6,268,882 B1 7/2001 Elberbaum  
D446,534 S 8/2001 Zimmer  
D447,758 S 9/2001 Lin et al.  
D449,630 S 10/2001 Rak et al.  
D452,259 S 12/2001 Choi  
6,357,936 B1 3/2002 Elberbaum  
D455,164 S 4/2002 Tsang et al.  
6,462,781 B1 10/2002 Arnold  
D467,952 S 12/2002 Nakamura  
D469,775 S \* 2/2003 Bradley ..... D14/434  
D470,874 S 2/2003 Chiu  
D470,875 S 2/2003 Liao  
6,515,275 B1 2/2003 Hunter  
6,634,804 B1 10/2003 Toste et al.  
6,650,694 B1 11/2003 Brown et al.  
6,678,001 B1 1/2004 Elberbaum  
6,714,236 B1 3/2004 Wada  
6,714,286 B1 3/2004 Wheel  
6,727,954 B1 4/2004 Okada et al.  
D489,388 S 5/2004 Saito et al.  
6,762,790 B1 7/2004 Matko et al.  
D511,352 S 11/2005 Oliver et al.  
7,034,884 B2 4/2006 Misawa  
7,066,664 B1 6/2006 Sitoh et al.  
7,076,162 B2 7/2006 Yamashita  
D527,755 S 9/2006 Wu  
7,151,565 B1 12/2006 Wada  
D534,938 S 1/2007 Beasley et al.  
D537,097 S 2/2007 Freeman  
D542,320 S 5/2007 Cheng  
D552,649 S 10/2007 Logan et al.  
D552,659 S \* 10/2007 Stephens ..... D16/237  
D555,692 S 11/2007 Liu et al.  
7,290,740 B2 11/2007 Joy et al.  
D558,250 S \* 12/2007 Hsia ..... D16/203  
D563,446 S 3/2008 Stephens et al.  
D575,316 S 8/2008 Liu et al.  
7,443,446 B2 10/2008 Seo





# US D812,124 S

7,552,340	B2	6/2009	Ooi et al.	2006/0086871	A1	4/2006	Joseph et al.
7,586,537	B2	9/2009	Konishi et al.	2006/0109375	A1	5/2006	Ho et al.
D606,105	S	12/2009	Hinkel	2006/0109613	A1	5/2006	Chen
7,646,425	B2	1/2010	Bohaker et al.	2006/0123129	A1	6/2006	Toebe et al.
D610,601	S	2/2010	Melder	2006/0123166	A1	6/2006	Toebe et al.
D614,223	S	4/2010	Kim et al.	2006/0210259	A1	9/2006	Matsumoto
7,705,882	B2	4/2010	Engel et al.	2006/0238707	A1	10/2006	Elvesjo et al.
D627,815	S	11/2010	Oba	2006/0244583	A1	11/2006	Kawada
D628,223	S	11/2010	Kao	2006/0262194	A1	11/2006	Swain
7,930,369	B2	4/2011	Marriott et al.	2006/0282866	A1	12/2006	Kuo
D638,461	S *	5/2011	Kim ..... D16/235	2007/0001087	A1	1/2007	Shyu et al.
7,986,369	B1	7/2011	Burns	2007/0011375	A1	1/2007	Kumar
D648,766	S	11/2011	Chen	2007/0036539	A1	2/2007	Martinez et al.
D651,229	S	12/2011	Tan et al.	2007/0083791	A1	4/2007	Panesar et al.
D651,230	S	12/2011	Tan et al.	2007/0222888	A1	9/2007	Xiao et al.
8,072,536	B1 *	12/2011	Campbell ..... F16M 11/10 348/143	2008/0001547	A1	1/2008	Negru
				2008/0005432	A1	1/2008	Kagawa
D651,633	S	1/2012	Park et al.	2008/0012980	A1	1/2008	Yamane
8,139,122	B2	3/2012	Rolston	2008/0056709	A1	3/2008	Huang et al.
D657,410	S	4/2012	Helaoui et al.	2008/0074535	A1	3/2008	Ohsuga
8,165,146	B1	4/2012	Melick et al.	2008/0151052	A1	6/2008	Erel et al.
8,174,972	B2	5/2012	Cernius et al.	2008/0152218	A1	6/2008	Okada et al.
8,359,622	B1	1/2013	Everson et al.	2008/0186150	A1	8/2008	Kao
D678,929	S	3/2013	Hancock	2008/0189352	A1	8/2008	Mitchell et al.
8,402,145	B2	3/2013	Holden et al.	2008/0231699	A1	9/2008	Konishi et al.
8,432,485	B1	4/2013	Martinez et al.	2008/0291260	A1	11/2008	Dignan et al.
D687,085	S	7/2013	Manson	2008/0309765	A1	12/2008	Dayan et al.
8,504,707	B2	8/2013	Toebe et al.	2009/0019187	A1	1/2009	Okuma
D694,305	S	11/2013	Katori et al.	2009/0027570	A1	1/2009	Fujinawa
D697,119	S *	1/2014	Park ..... D16/202	2009/0069633	A1	3/2009	Orihara et al.
8,625,024	B2	1/2014	Hsu	2009/0102715	A1	4/2009	Lou et al.
D700,232	S	2/2014	Ramsay	2009/0141918	A1	6/2009	Chris et al.
D719,205	S	12/2014	Matsumoto	2009/0141939	A1	6/2009	Chambers et al.
D729,296	S *	5/2015	Shelton ..... D16/202	2009/0175612	A1	7/2009	Wen
D730,422	S	5/2015	Kim et al.	2009/0195655	A1	8/2009	Pandey
9,071,740	B1	6/2015	Duffy et al.	2009/0245268	A1	10/2009	Pugliese, IV
D733,781	S *	7/2015	Chen ..... D16/202	2009/0248918	A1	10/2009	Diab et al.
D734,801	S	7/2015	Yang	2009/0289921	A1	11/2009	Mickelson
9,102,055	B1	8/2015	Konolige et al.	2009/0296735	A1	12/2009	Cernius et al.
D740,871	S *	10/2015	Moon ..... D16/203	2009/0309969	A1	12/2009	Wendler
D742,954	S	11/2015	Simonelli et al.	2010/0026811	A1	2/2010	Palmer
D743,465	S	11/2015	Aglassinger et al.	2010/0039253	A1	2/2010	Zang
D745,916	S	12/2015	Oh	2010/0076600	A1	3/2010	Cross et al.
D746,350	S *	12/2015	Li ..... D16/203	2010/0085749	A1	4/2010	Bezgachev
D748,709	S *	2/2016	Jeong ..... D16/202	2010/0109878	A1	5/2010	Desrosiers
D755,880	S *	5/2016	Luo ..... D16/214	2010/0180012	A1	7/2010	Heo et al.
9,330,307	B2	5/2016	Litvak et al.	2010/0199157	A1	8/2010	Takaoka et al.
9,386,230	B1	7/2016	Duran et al.	2010/0271503	A1	10/2010	Safae-Rad et al.
9,544,485	B2	1/2017	Conner	2010/0306399	A1	12/2010	Khosravi et al.
2001/0015760	A1	8/2001	Fellegara et al.	2010/0314508	A1	12/2010	Bevirt et al.
2002/0003575	A1	1/2002	Marchese	2010/0328475	A1	12/2010	Thomas et al.
2002/0056794	A1	5/2002	Ibrahim	2010/0330843	A1	12/2010	Gao et al.
2002/0107591	A1	8/2002	Gabai et al.	2011/0007159	A1	1/2011	Camp et al.
2002/0141418	A1	10/2002	Ben-Dor et al.	2011/0102438	A1	5/2011	Mathe et al.
2002/0186317	A1	12/2002	Kayanuma	2011/0102588	A1	5/2011	Trundle et al.
2002/0191082	A1	12/2002	Fujino et al.	2011/0134243	A1	6/2011	Siann et al.
2003/0164881	A1	9/2003	Ohe et al.	2011/0134313	A1	6/2011	Kato
2003/0169354	A1	9/2003	Aotsuka	2011/0158637	A1	6/2011	Jung
2003/0193409	A1	10/2003	Crank	2011/0161076	A1	6/2011	Davis et al.
2003/0216151	A1	11/2003	Kitano et al.	2011/0193964	A1	8/2011	McLeod
2004/0132489	A1	7/2004	Ryley et al.	2011/0193967	A1	8/2011	Matsumoto et al.
2004/0211868	A1	10/2004	Holmes et al.	2011/0205965	A1	8/2011	Sprigg et al.
2004/0246341	A1	12/2004	Lee et al.	2011/0231903	A1	9/2011	Springer et al.
2004/0247203	A1	12/2004	Dell'Eva	2011/0234803	A1	9/2011	Nakajima et al.
2005/0062720	A1	3/2005	Rotzoll et al.	2011/0255289	A1	10/2011	Krah
2005/0073575	A1	4/2005	Thacher et al.	2011/0267492	A1	11/2011	Prentice et al.
2005/0128336	A1	6/2005	Toledano et al.	2011/0285813	A1	11/2011	Girdzijauskas et al.
2005/0149213	A1	7/2005	Guzak et al.	2011/0293137	A1	12/2011	Gurman et al.
2005/0151042	A1	7/2005	Watson	2011/0299728	A1	12/2011	Markovic et al.
2005/0200751	A1	9/2005	Weaver	2012/0081009	A1	4/2012	Shteynberg
2005/0212958	A1	9/2005	Su et al.	2012/0105632	A1	5/2012	Renkis
2005/0227217	A1	10/2005	Wilson	2012/0106037	A1	5/2012	Diebel et al.
2005/0230583	A1	10/2005	Wu	2012/0127270	A1	5/2012	Zhang et al.
2005/0237425	A1	10/2005	Lee et al.	2012/0140068	A1	6/2012	Monroe et al.
2005/0243022	A1	11/2005	Negru	2012/0162416	A1	6/2012	Su et al.
2005/0243199	A1	11/2005	Bohaker et al.	2012/0194650	A1	8/2012	Izadi et al.
2005/0275723	A1	12/2005	Sablak et al.	2012/0236373	A1	9/2012	Oyama
2006/0017842	A1	1/2006	Jun	2012/0246359	A1	9/2012	Scragg et al.
2006/0024046	A1	2/2006	Jones	2012/0262575	A1	10/2012	Champagne et al.



2012/0263450 A1 10/2012 Totani  
 2012/0328358 A1 12/2012 Akiyama  
 2013/0053657 A1 2/2013 Ziarno et al.  
 2013/0156260 A1 6/2013 Craig  
 2013/0162629 A1 6/2013 Huang et al.  
 2013/0314544 A1 11/2013 Ban  
 2013/0321564 A1 12/2013 Smith et al.  
 2013/0342653 A1 12/2013 McCloskey  
 2014/0032796 A1 1/2014 Krause  
 2014/0047143 A1 2/2014 Bateman et al.  
 2014/0049609 A1 2/2014 Wilson  
 2014/0119604 A1 5/2014 Mai et al.  
 2014/0168421 A1 6/2014 Xu et al.  
 2014/0241387 A1 8/2014 Ortiz  
 2014/0270387 A1 9/2014 Hoof et al.  
 2014/0333726 A1 11/2014 Tokui et al.  
 2014/0375635 A1 12/2014 Johnson et al.  
 2015/0052029 A1 2/2015 Wu et al.  
 2015/0120389 A1 4/2015 Zhang et al.  
 2015/0154467 A1 6/2015 Feng et al.  
 2015/0170371 A1 6/2015 Muninder et al.  
 2015/0181198 A1 6/2015 Baele et al.  
 2015/0228114 A1 8/2015 Shapira et al.  
 2016/0012588 A1 1/2016 Taguchi et al.  
 2016/0022181 A1 1/2016 Valsan et al.  
 2016/0029102 A1 1/2016 Daily  
 2016/0094763 A1 3/2016 Patel  
 2016/0094829 A1 3/2016 Georgiev et al.  
 2016/0142681 A1 5/2016 Yu  
 2016/0261829 A1 9/2016 Olsson

## OTHER PUBLICATIONS

Kyo-Tux, IconArchive, Device WebCam Icon, Phuzion Icon set, Dec. 15, 2015, 3 pgs.  
 Drivers—Video Cam: Download Drivers for (Genius VideoCAM NB) Visual/Video Camera, Computer Question Help, Dec. 15, 2015, 2 pgs.  
 TechAllianz, How to Pick the Right Webcam, Satyakam, Jan. 22, 2013, 4 pgs.  
 Input Devices on Pinterest, Computers, Mice and Apples, Tanna Darty, Dec. 15, 2015, 1 pg.  
 Logi Circle: Portable Home Surveillance Camera from Logitech (video), AppleApple.Top World News, Feb. 10, 2015, 5 pgs.  
 Ebay, New Smallest Mini Camera Camcorder Video Recorder DVR Spy Hidden Pinhole Web Cam, Dec. 2, 2015, 4 pgs.  
 SIV AI-Ball Very Small Hidden IP Network Camera Battery Powered Wireless IP Camera, Alibaba.com, 1999-2015, 7 pgs.  
 TREK Ai-Ball Mini WiFi Spy Cam IP Wireless Camera for Iphone / Android /Ipad, Tmart, www.tmart.com, Dec. 18, 2015, 6 pgs.  
 Restore.Solutions, Numus Software, USB/VID, Syntek Web Cam Device Drivers, Dec. 15, 2015, 10 pgs.  
 Ebay, Belkin F7D7601AU, Net Cam IP WIFI Baby Pet Monitor Camera Security Night Vision, Dec. 15, 2015, 5 pgs.  
 John Lewis, Samsung SEB-1019RW Add-On Night Vision Baby Monitor Camera, Dec. 15, 2015, 2 pgs.  
 Ion Camera, The Home Pro Wi-Fi Wireless Cloud Video Monitoring Security Camera (Black): Camera & Photo, Dec. 15, 2015, 6 pgs.  
 Linksys Wireless-N Internet Home Monitoring Camera: Home Security Systems: Camera & Photo, Amazon.com, Dec. 15, 2015, 7 pgs.  
 Ebay, Motorola, MBP421 Digital Video & Sound Rechargeable Baby Monitor 1.8" LCD Screen, Dec. 15, 2015, 5 pgs.  
 720p TF Card IP Wireless Camera Indoor Built-In Microphone Support Two Way Intercom for Smart Home Life and Unique PIR Alarm, Dec. 18, 2015, 3 pgs.  
 0308 Brand USB 2.0 HD Night Vision Webcam Web Cam Camera Webcamera With Microphone Sucker Stand for PC Computer Laptop Notebook, Dec. 18, 2015, 13 pgs.  
 Goods in Stock PC Camera USB Plug and Play Free Driver Digital Webcam Stand Web Camera, Dec. 18, 2015, 12 pgs.  
 Buy Svb Ladybird Tripod Webcam 4 Mega Pixel—4 Megapixel Web Cam Online, Best Prices in India: Rediff Shopping, Dec. 16, 2015, 3 pgs.

Ebay, Lot of 2 USB WebCam Web Cam Camera Logitech Quickcam HP Hewlett Packard, Dec. 16, 2015, 3 pgs.  
 Mini Universal Tripod Stand for Digital Camera and Webcam A33-in Tripods from Consumer Electronics on Aliexpress.com, Alibaba Group, Store: Angel One-Stop Shopping Center, Dec. 16, 2015, 3 pgs.  
 Tripod Support for a QuickCam (or other webcam), Instructables, 2015, 3 pgs.  
 Web Camera 6 Stock Photo, Dreamstime, Dec. 16, 2015, 2 pgs.  
 Joel Johnson, Glowdoodle Turns Your Crappy Webcam in a Crappier Webcam (in a good way), webcam—Boing Boing, Dec. 16, 2015, 8 pgs.  
 Adipranata, Fast method for multiple human face segmentation in color image, 2008 Second Int'l Conference on Future Generation Communication and Networking, IEEE, 2008, 4 pgs.  
 Heo, Fusion of visual and thermal face recognition techniques: A comparative study. Univ. of Tennessee, Knoxville, TN, 2003, 75 pgs.  
 FabulaTech, What is USB for Remote Desktop, Dec. 12, 2011, 2 pgs, <http://web.archive.org/web/20111212070644/http://www.usb-over-network.com/usb-for-remote-desktop.html>.  
 FabulaTech, What is USB over Network, Dec. 17, 2011, 2 pgs, <http://web.archive.org/web/20111217080253/http://www.usb-over-network.com/usb-over-network.html>.  
 Parent, Android USB Port Forwarding, Dec. 26, 2011, 7 pgs, <http://www.codeproject.com/Articles/191930/Android-Usb-Port-Forwarding>.  
 Silberman, Indoor Segmentation and Support Inference from RGBD Images, Computer Vision—ECCV 2012, Springer Berlin Heidelberg, Oct. 2012, pp. 746-780.  
 USB/IP Project, USB Request Over IP Network, Dec. 27, 2011, 5 pgs, <http://web.archive.org/web/20111227171215/http://usbip.sourceforge.net/>.  
 Hampapur, Smart surveillance: applications, technologies and implications, Information Communications and Signal Processing 2, 2003, pp. 1133-1138.

\* cited by examiner

*Primary Examiner* — Philip S Hyder  
*Assistant Examiner* — Ramzi Almatrahi  
 (74) *Attorney, Agent, or Firm* — Morgan, Lewis & Bockius LLP

(57) **CLAIM**

The ornamental design for a camera stand, as shown and described.

**DESCRIPTION**

The present application is also related to U.S. patent application Ser. No. 29/549,992, filed on Dec. 29, 2015, titled "Video Camera," and U.S. patent application Ser. No. 29/549,995, filed on Dec. 29, 2015, titled "Camera Stand," each of which is hereby incorporated by reference in its entirety.

FIG. 1 is a front perspective view of a camera stand showing the new design.

FIG. 2 is a rear view of the camera stand shown in FIG. 1.

FIG. 3 is a left view of the camera stand shown in FIG. 1.

FIG. 4 is a top view of the camera stand shown in FIG. 1.

FIG. 5 is a bottom view of the camera stand shown in FIG. 1.

FIG. 6 is a front perspective view of a camera stand, shown with a video camera disclosed in broken lines to illustrate an environment.

FIG. 7 is a front view of the camera stand shown in FIG. 6.

FIG. 8 is a rear view of the camera stand shown in FIG. 6.

FIG. 9 is a left view of the camera stand shown in FIG. 6.

FIG. 10 is a top view of the camera stand shown in FIG. 6.  
FIG. 11 is a bottom view of the camera stand shown in FIG. 6.

6.

FIG. 12 is a front perspective view of a camera stand, shown with a tripod and a video camera disclosed in broken lines to illustrate an environment.

FIG. 13 is a front view of the camera stand shown in FIG. 12.

FIG. 14 is a rear view of the camera stand shown in FIG. 12.

FIG. 15 is a top view of the camera stand shown in FIG. 12;  
and,

FIG. 16 is a left view of the camera stand shown in FIG. 12.

The broken lines depicting portions of a camera stand in the above described figures form no part of the claimed design.

The broken lines showing a camera in FIGS. 6-11 and the broken lines showing a camera and a tripod in FIGS. 12-16 represent environmental structures that form no part of the claimed design.

**1 Claim, 11 Drawing Sheets**

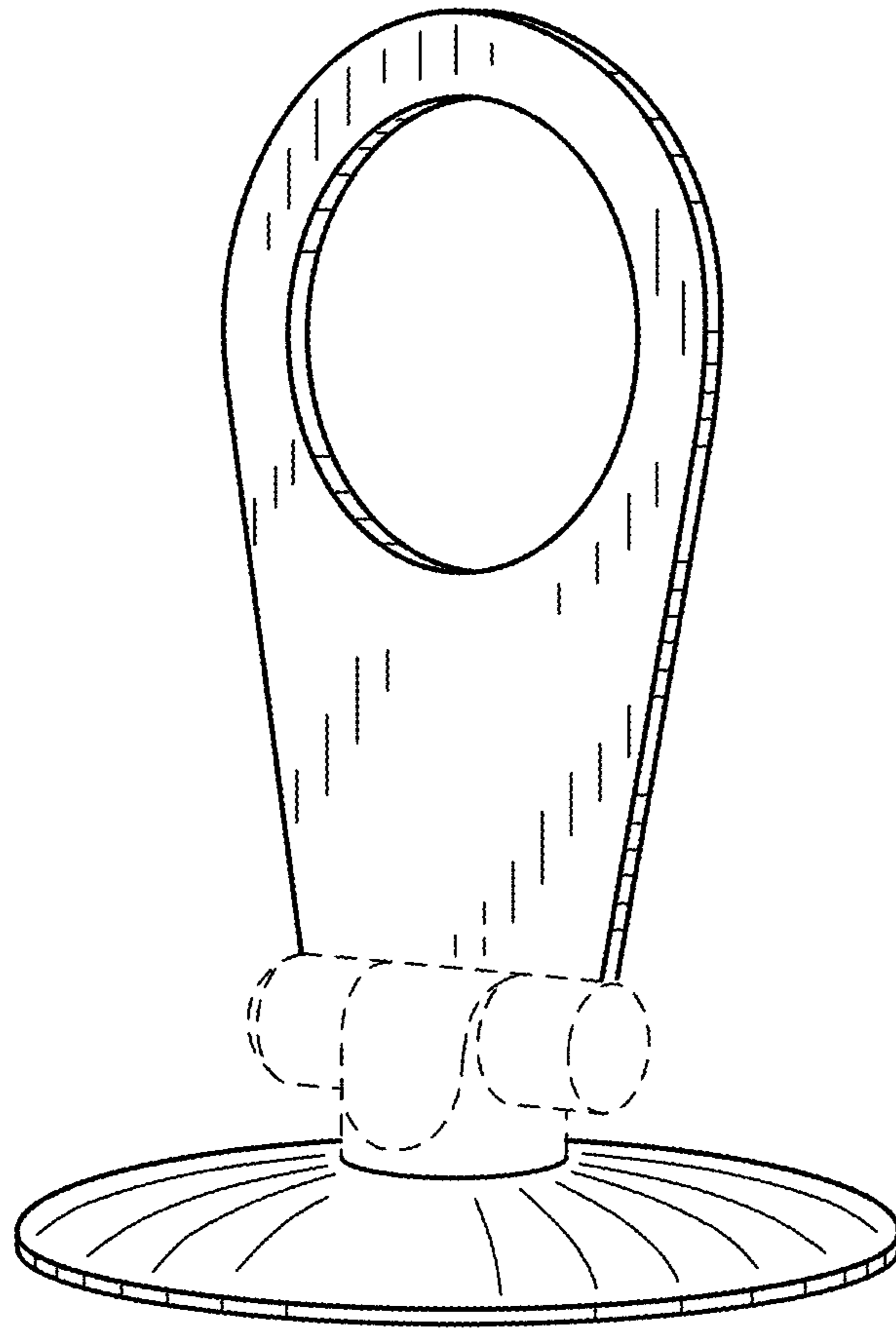


FIG. 1

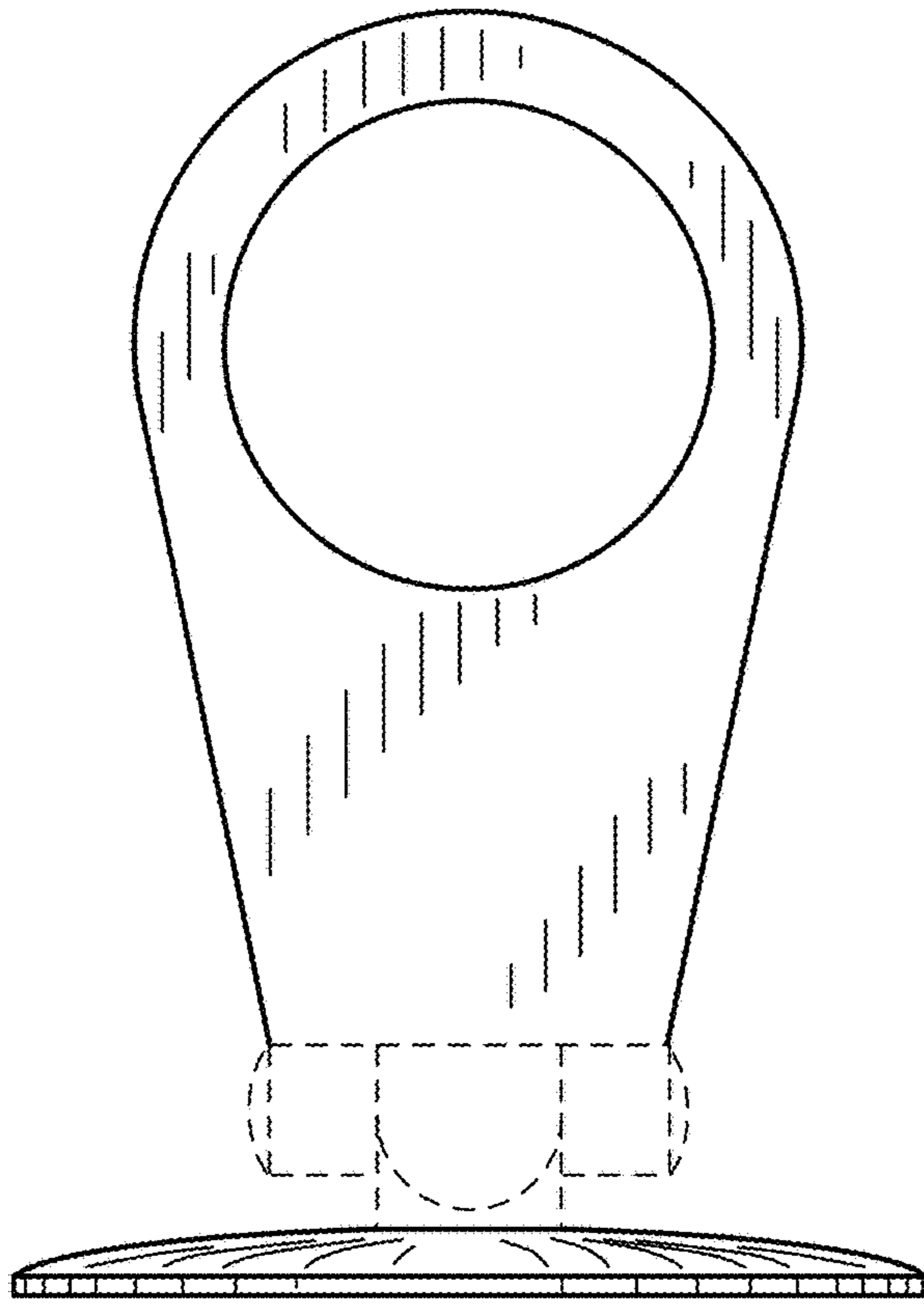


FIG. 2

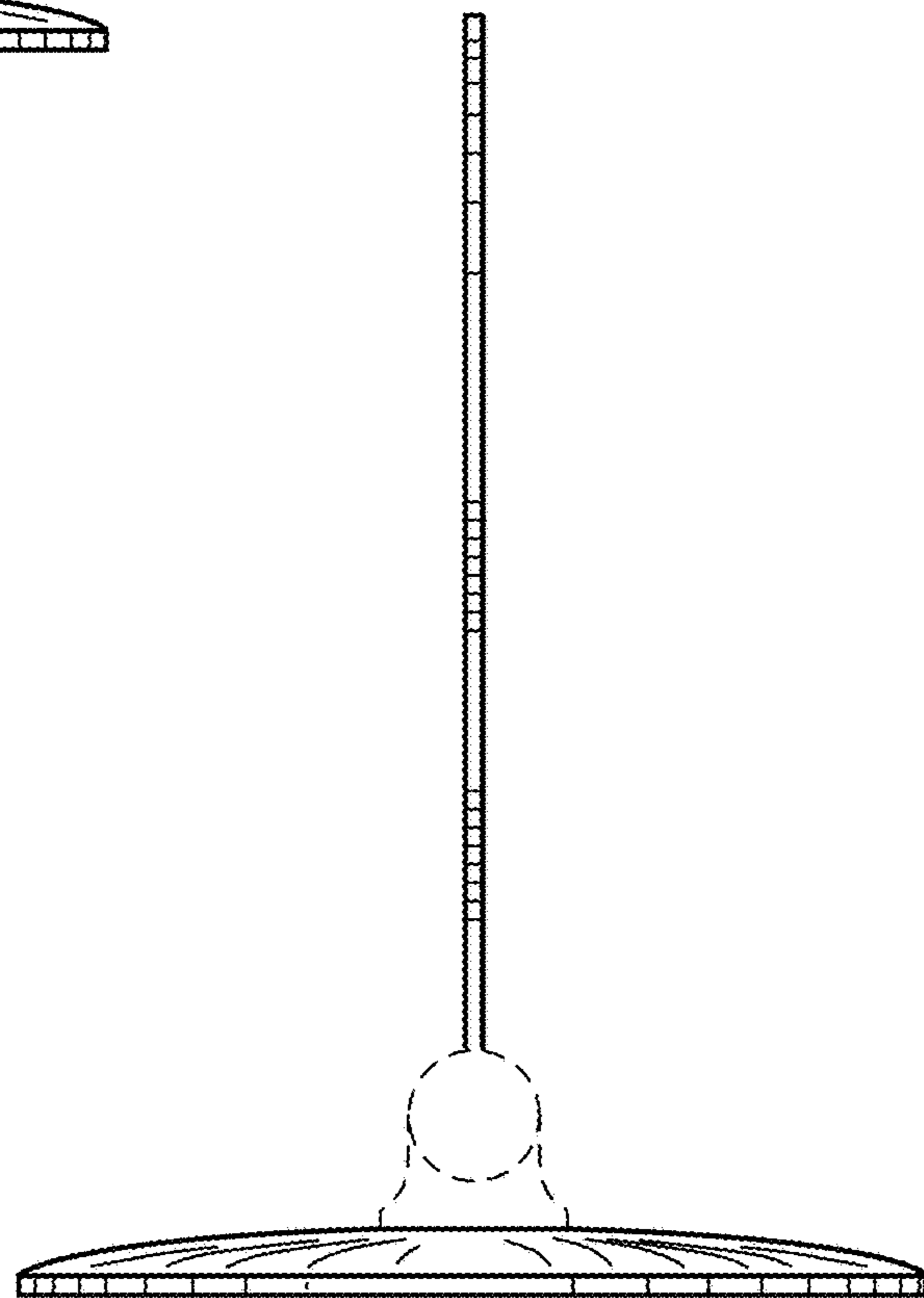


FIG. 3



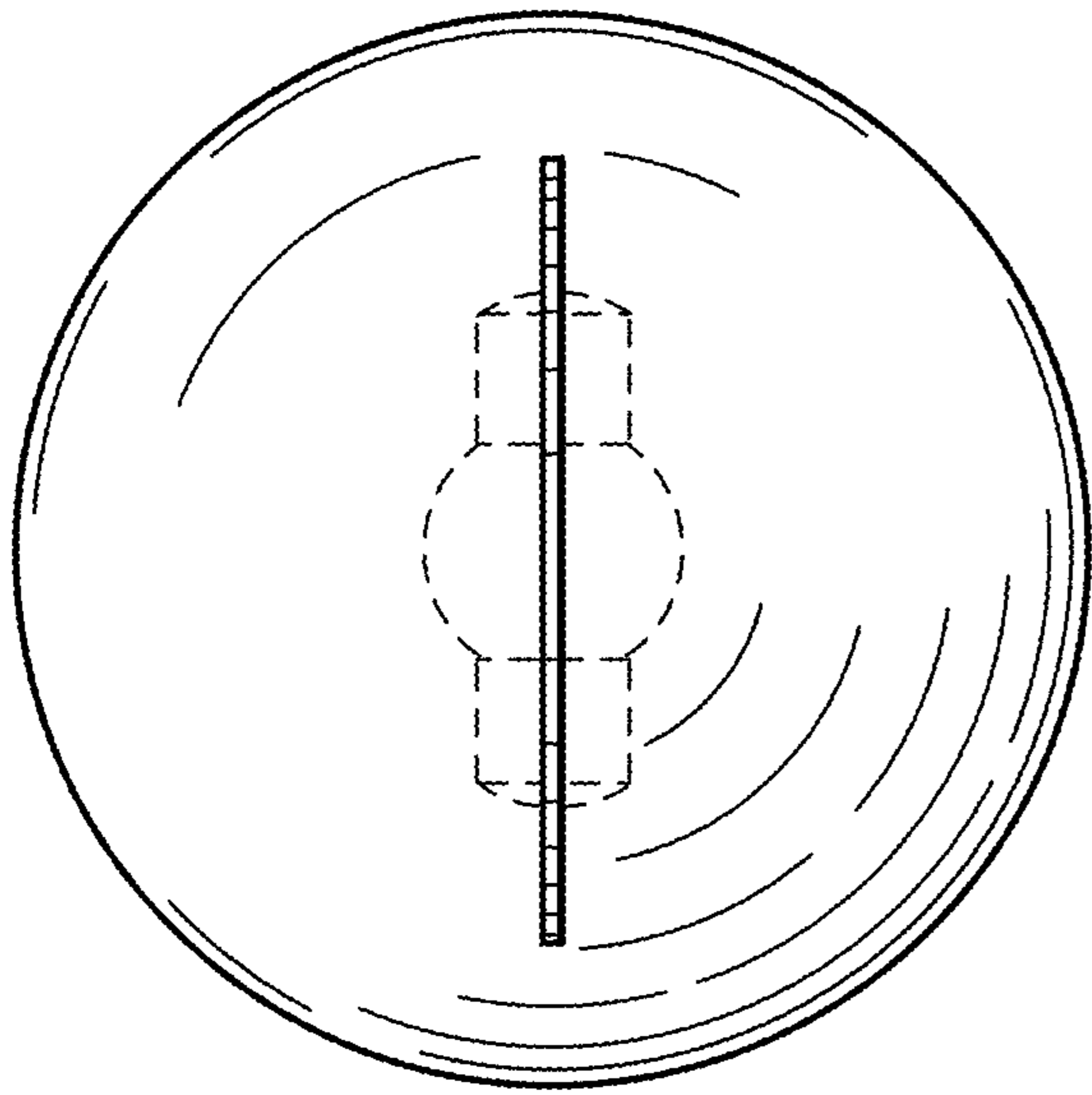


FIG. 4

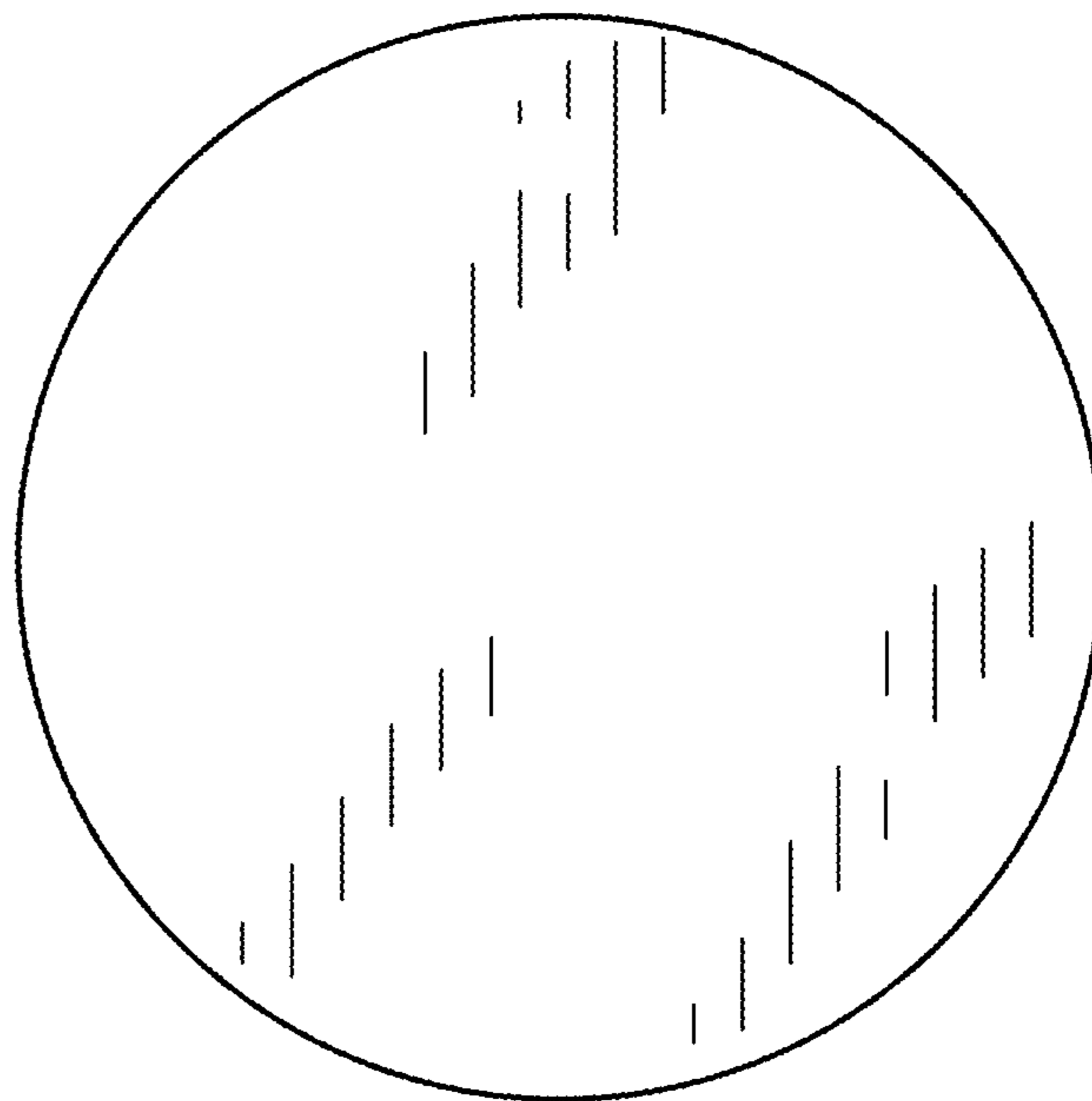


FIG. 5

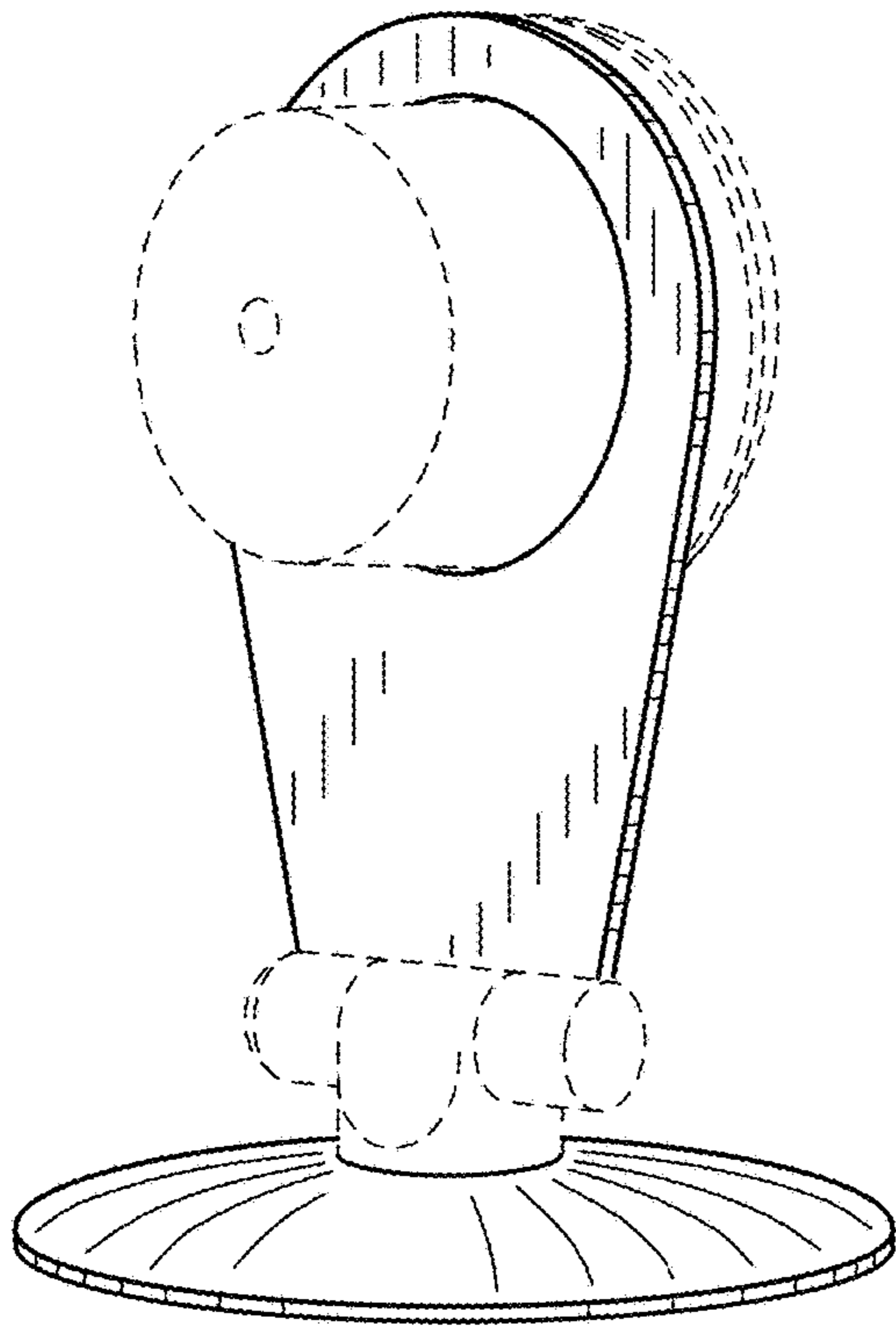


FIG. 6

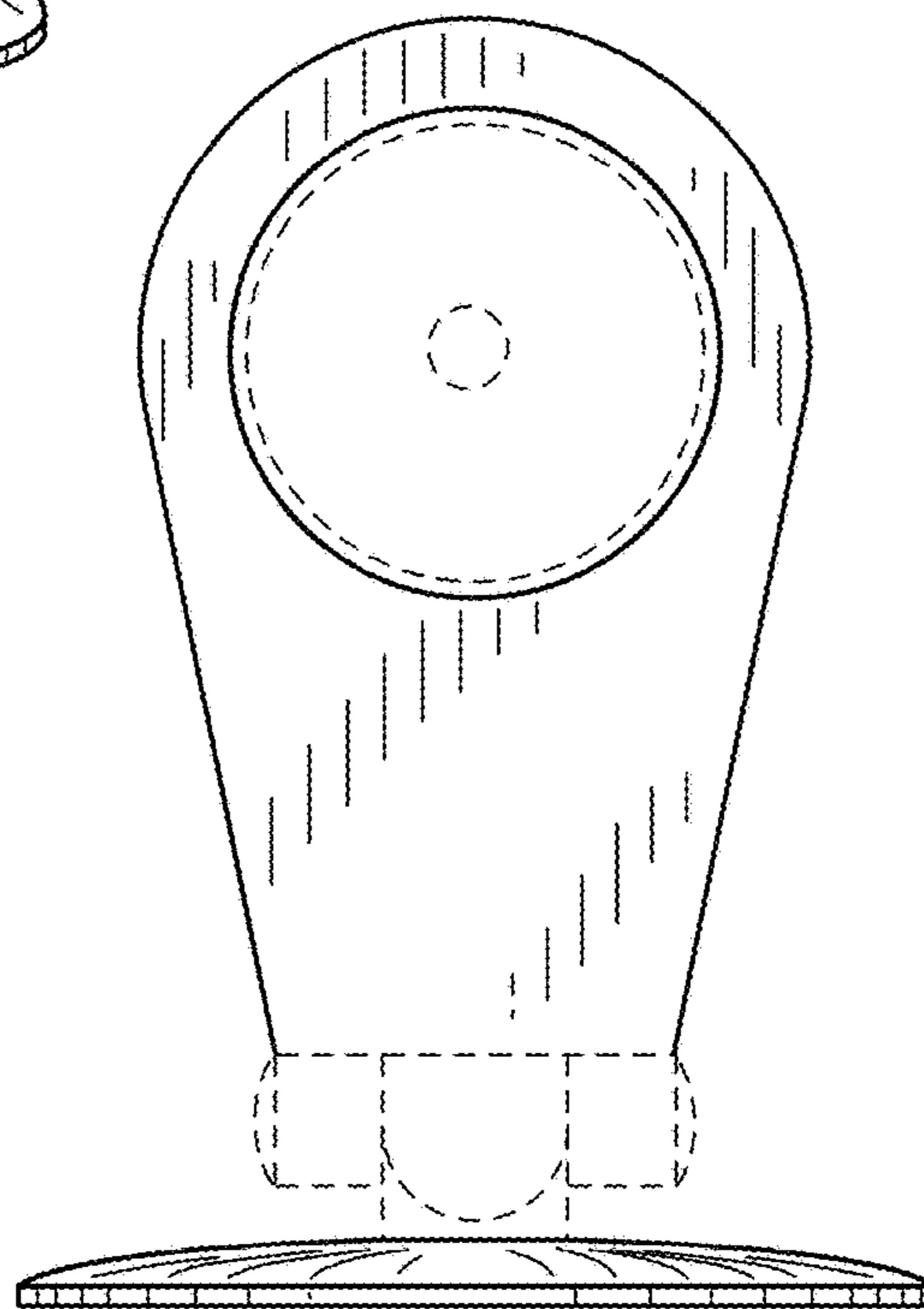


FIG. 7



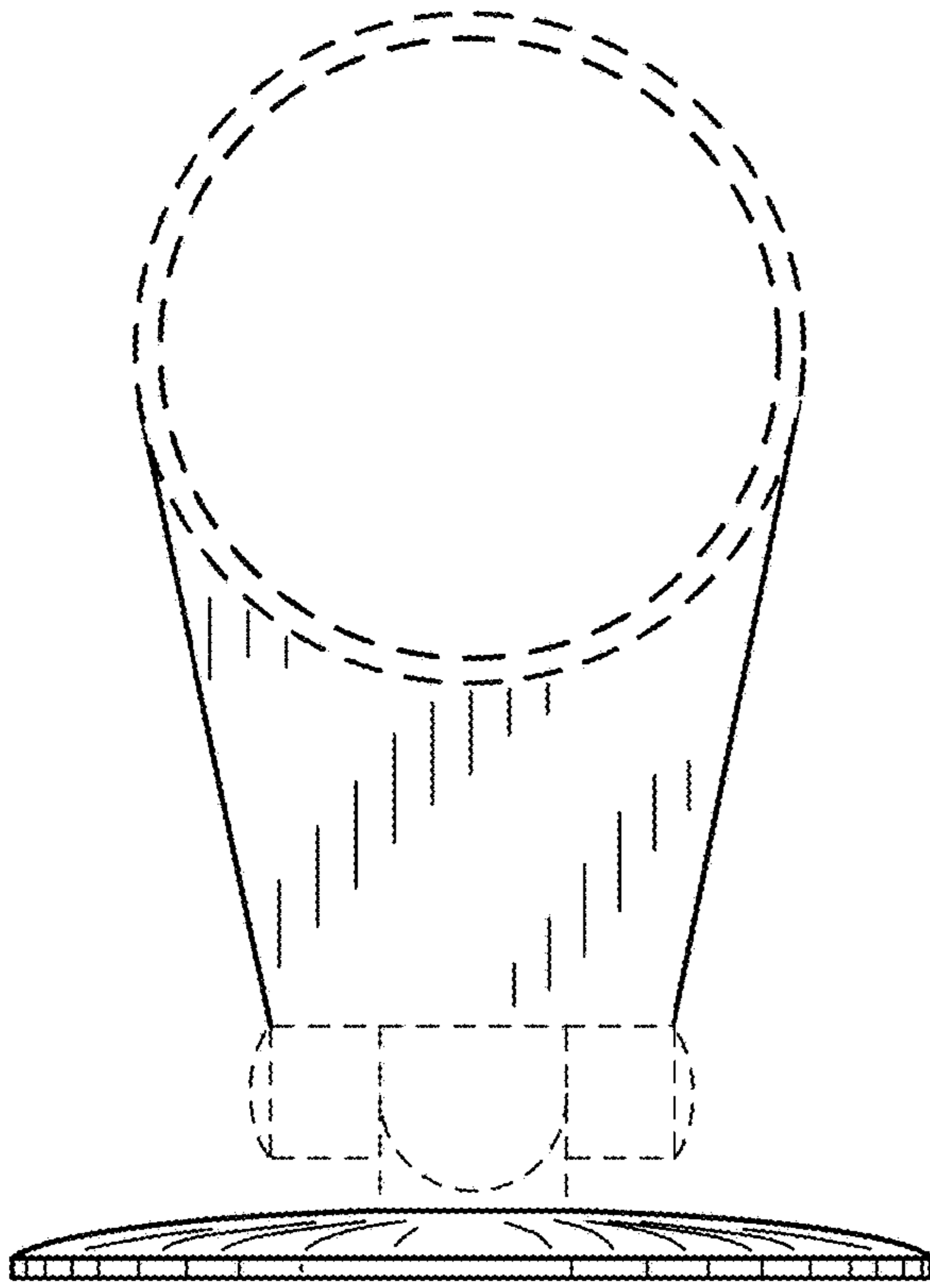


FIG. 8

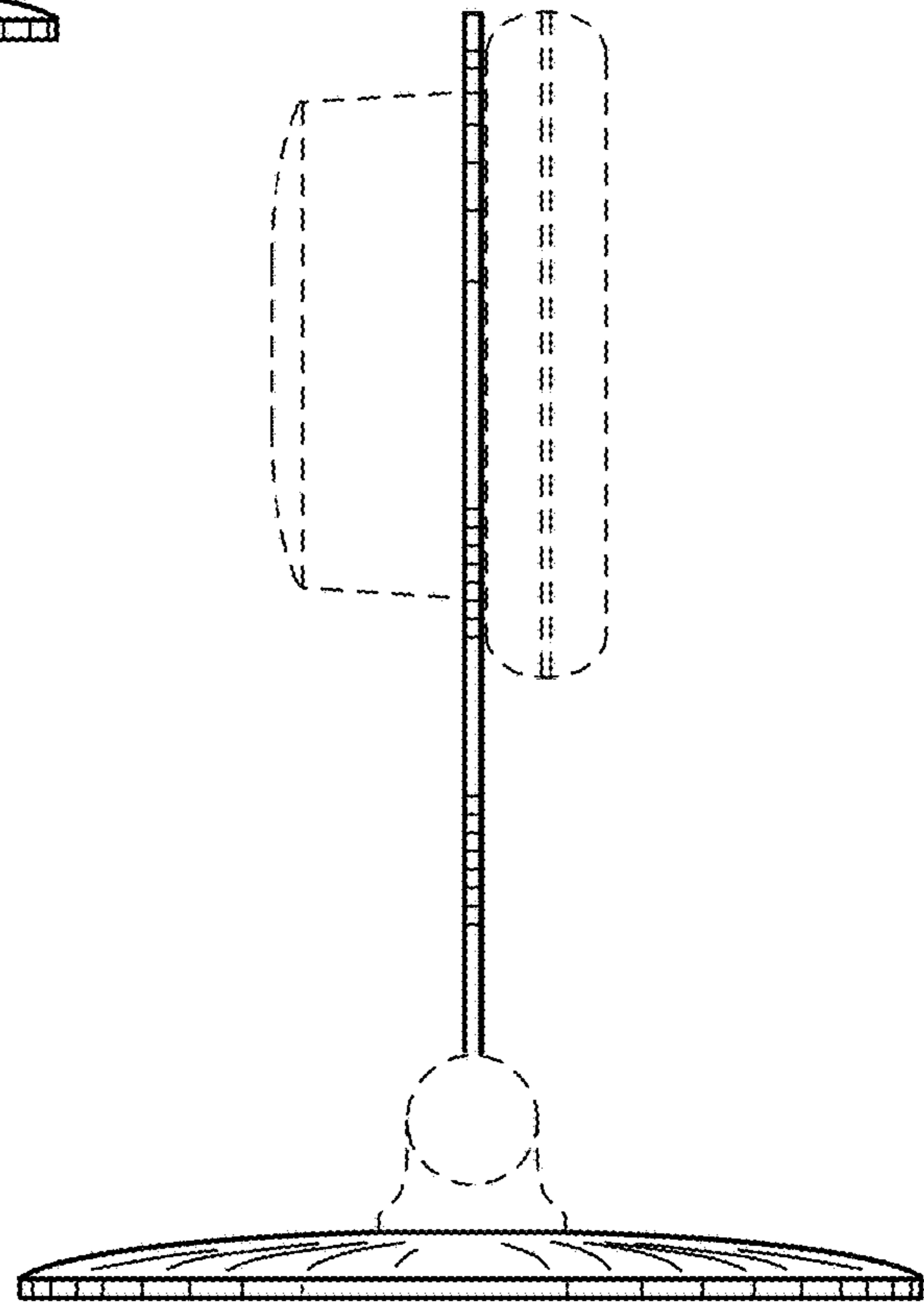


FIG. 9

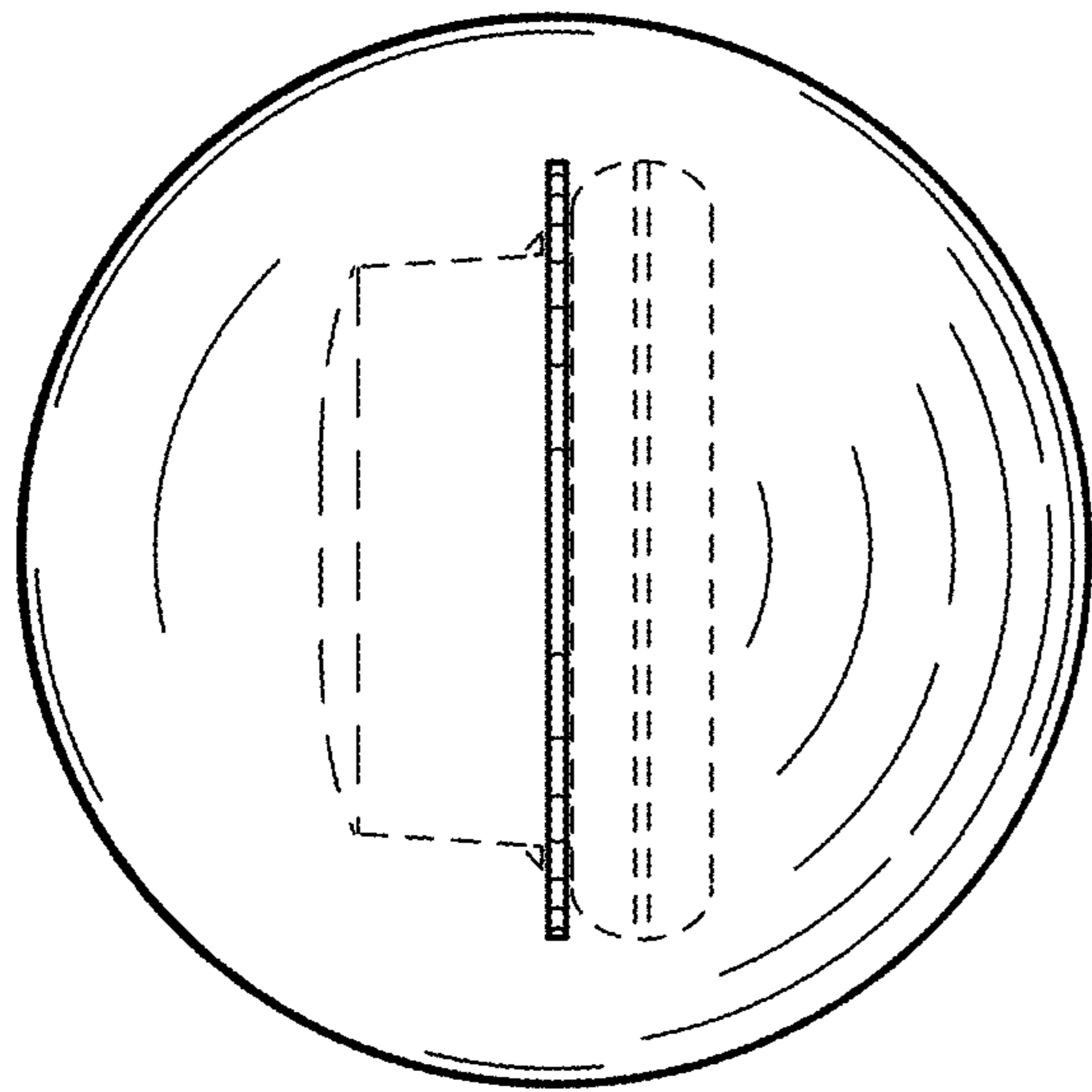


FIG. 10

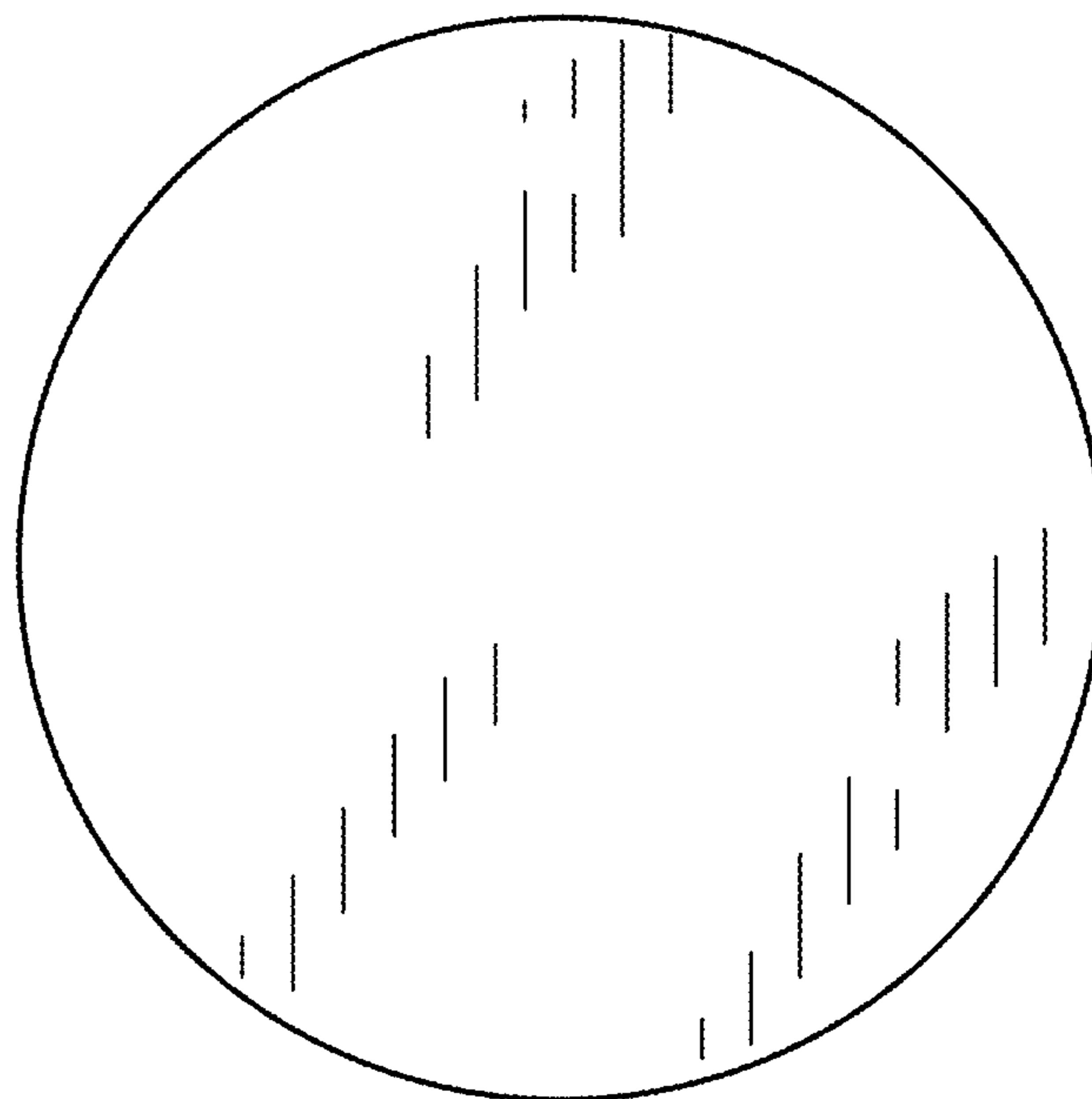


FIG. 11

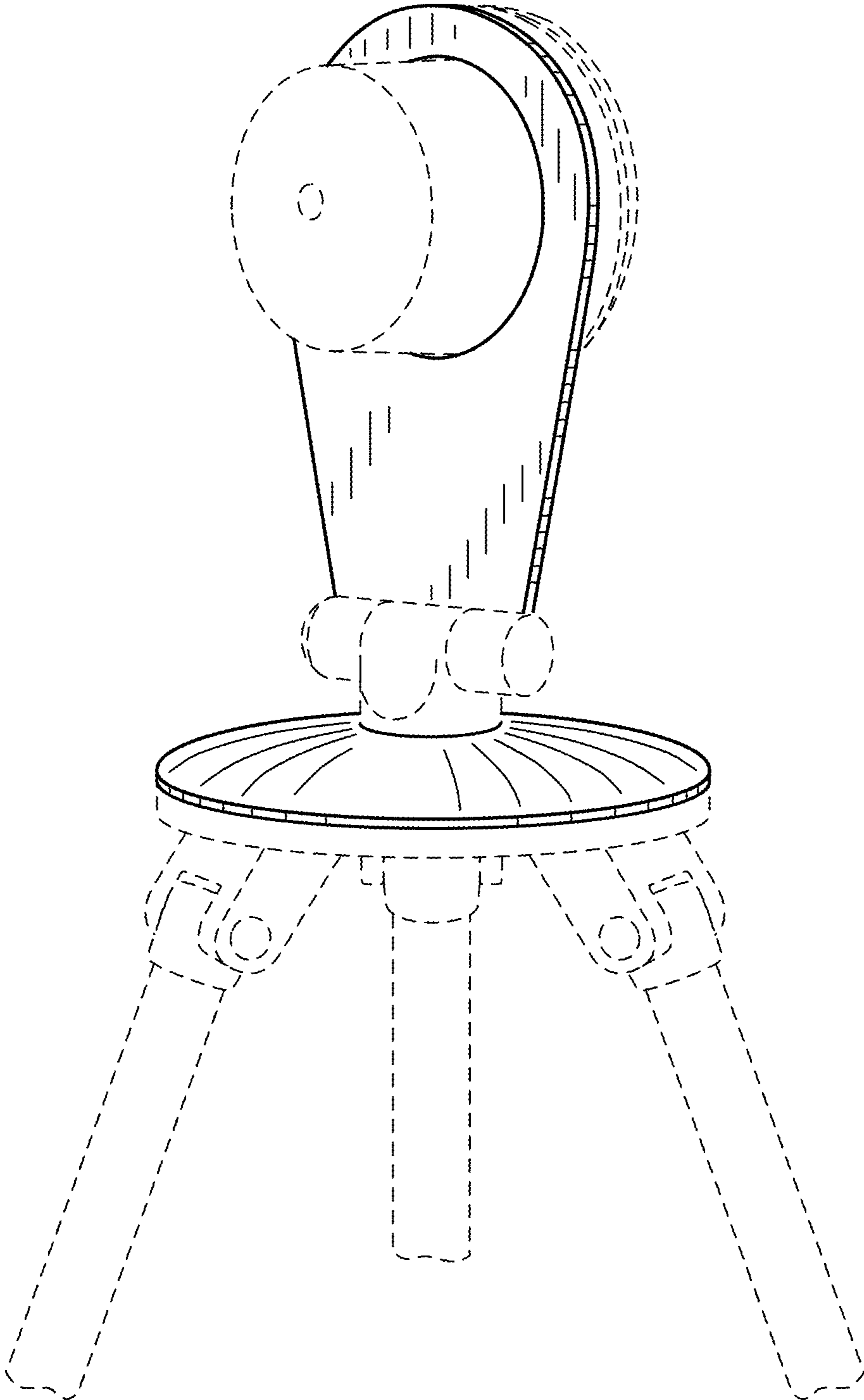
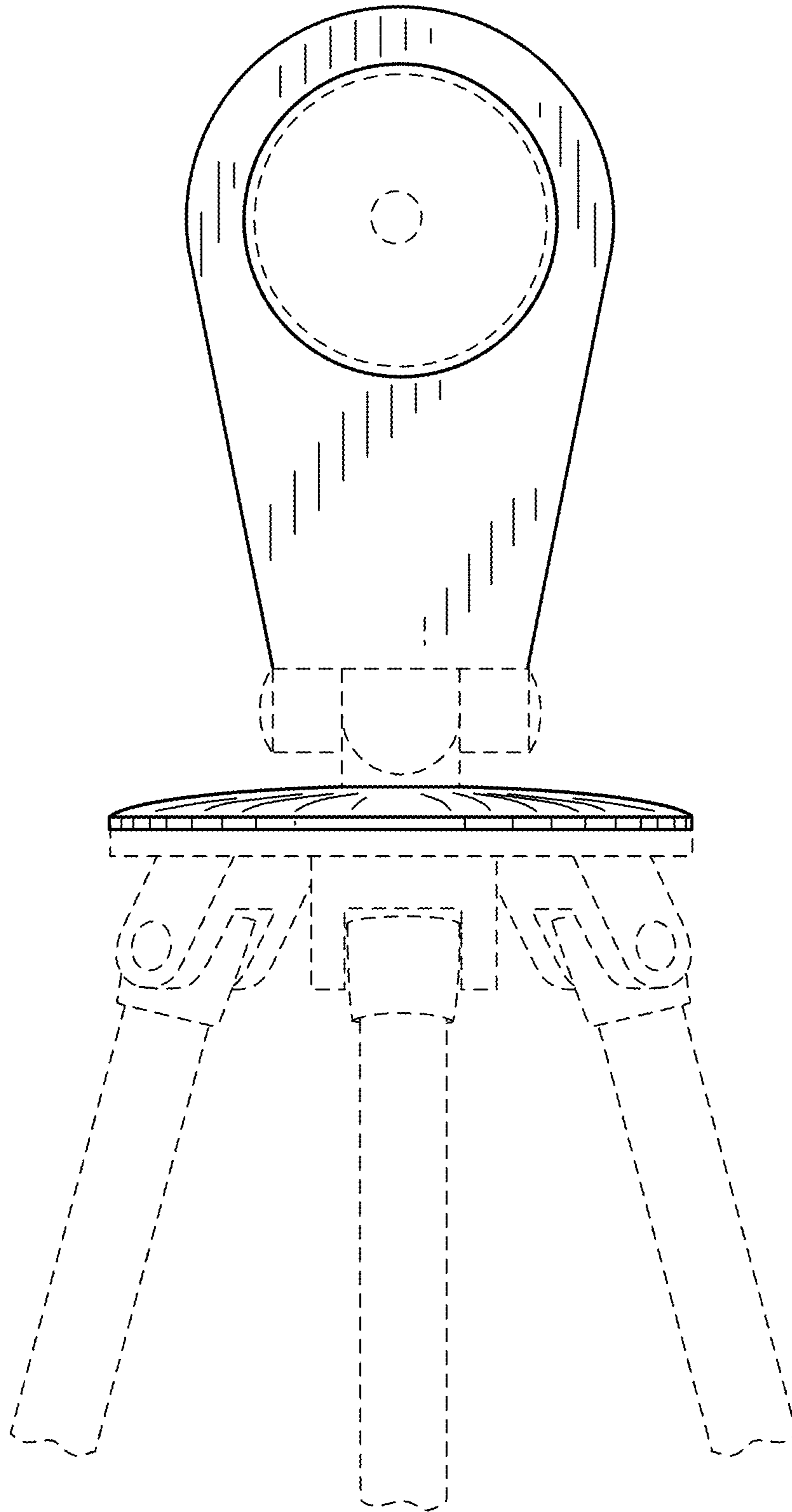


FIG. 12





**FIG. 13**

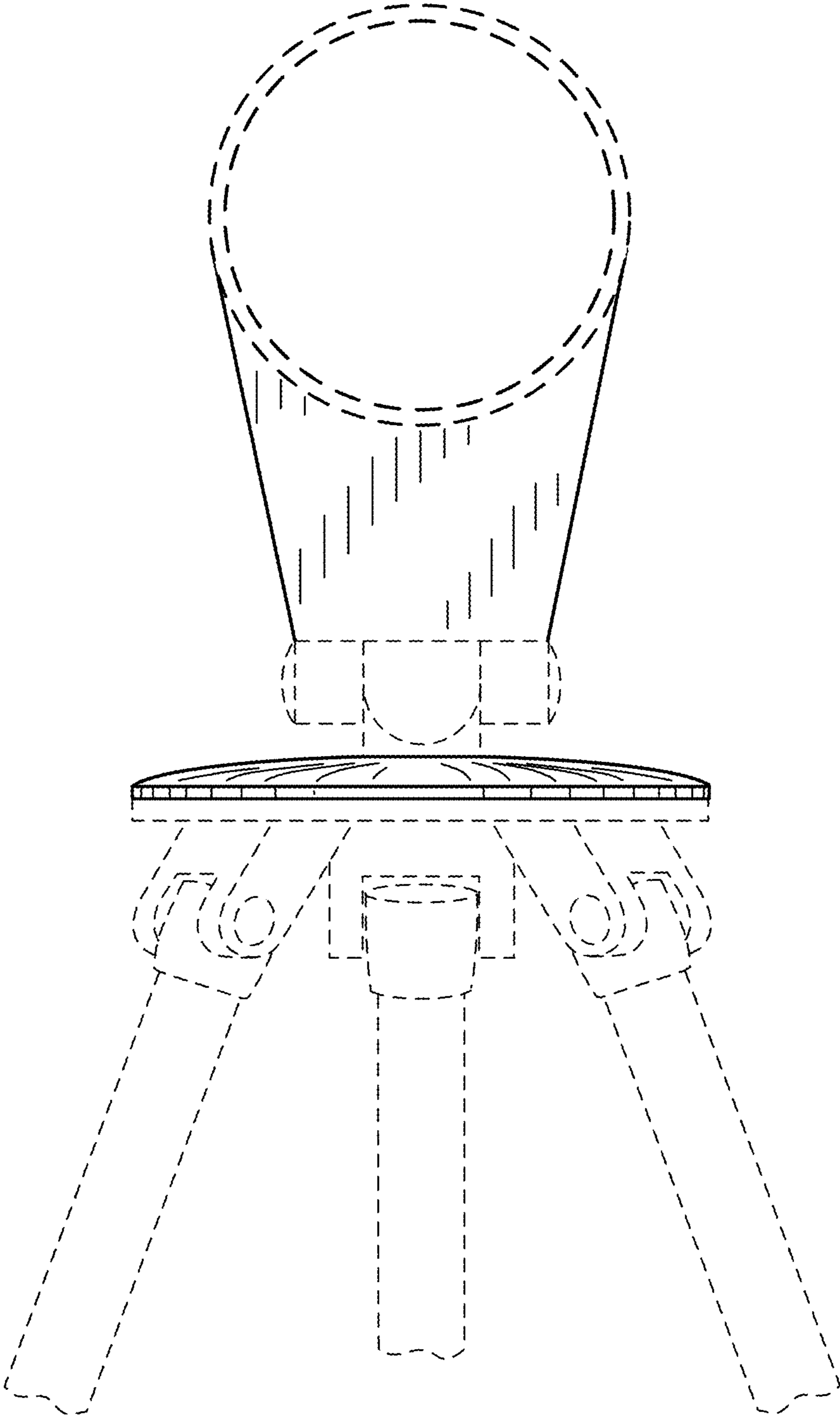


FIG. 14

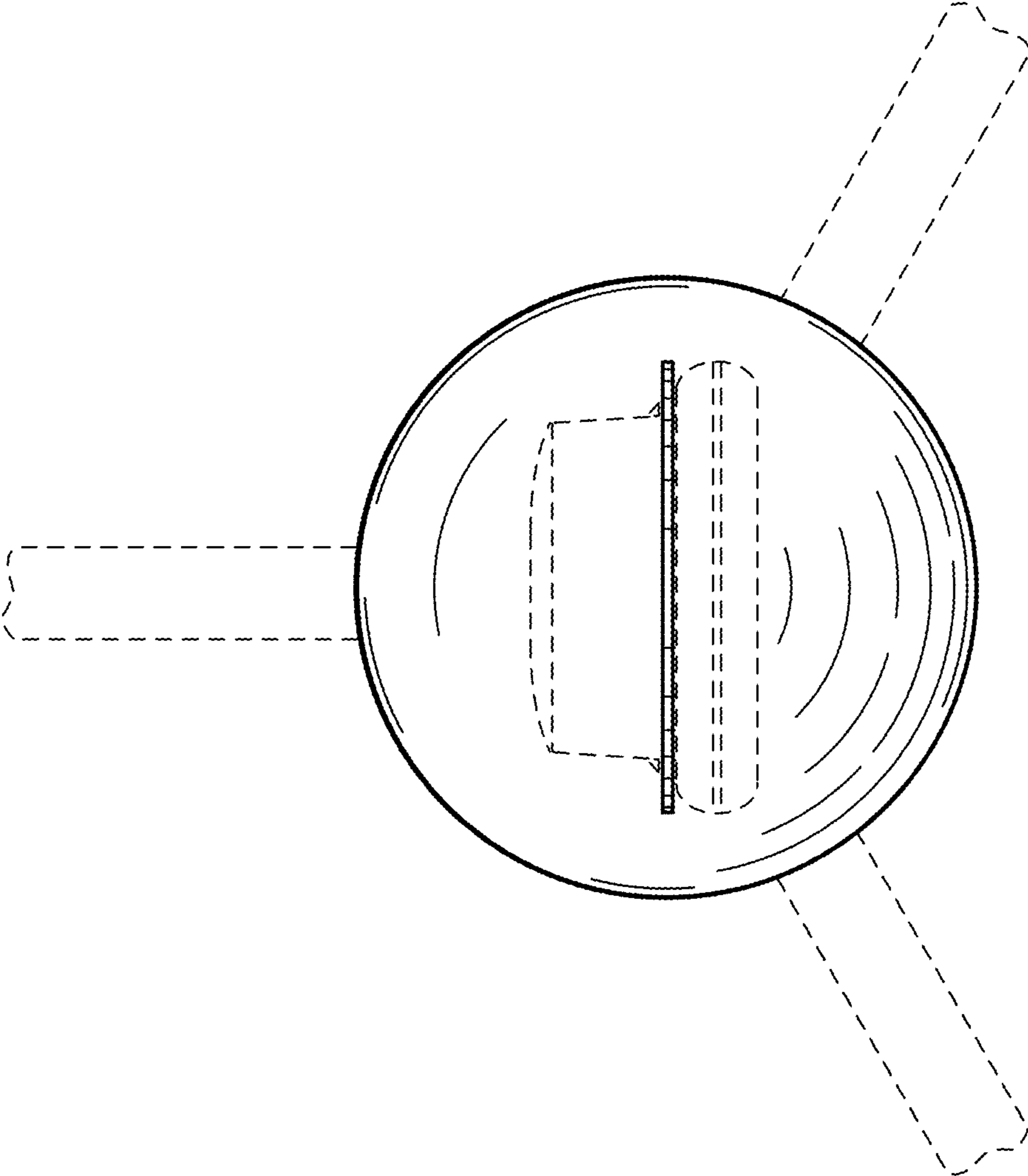


FIG. 15



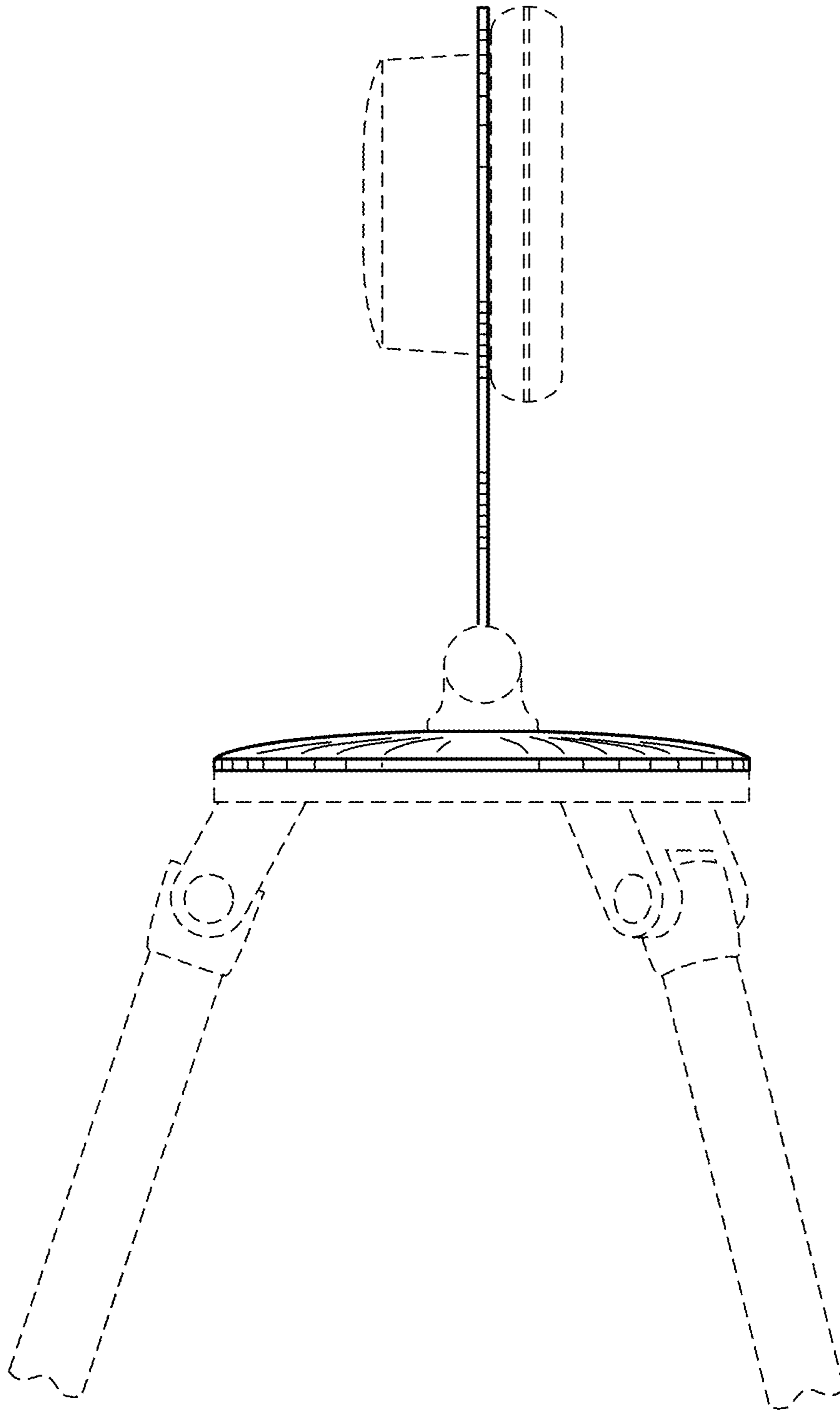


FIG. 16