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**Quinn et al.**

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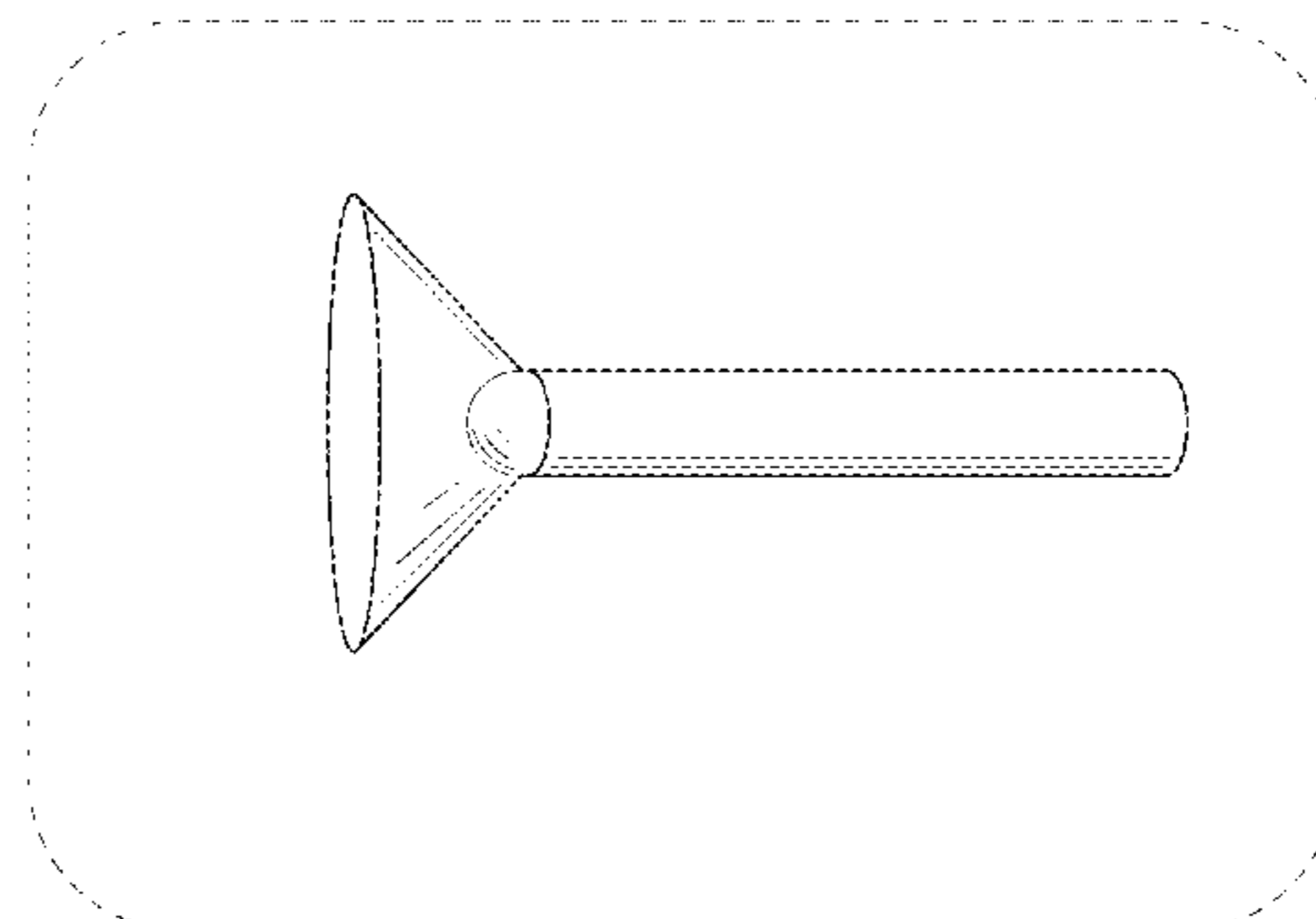
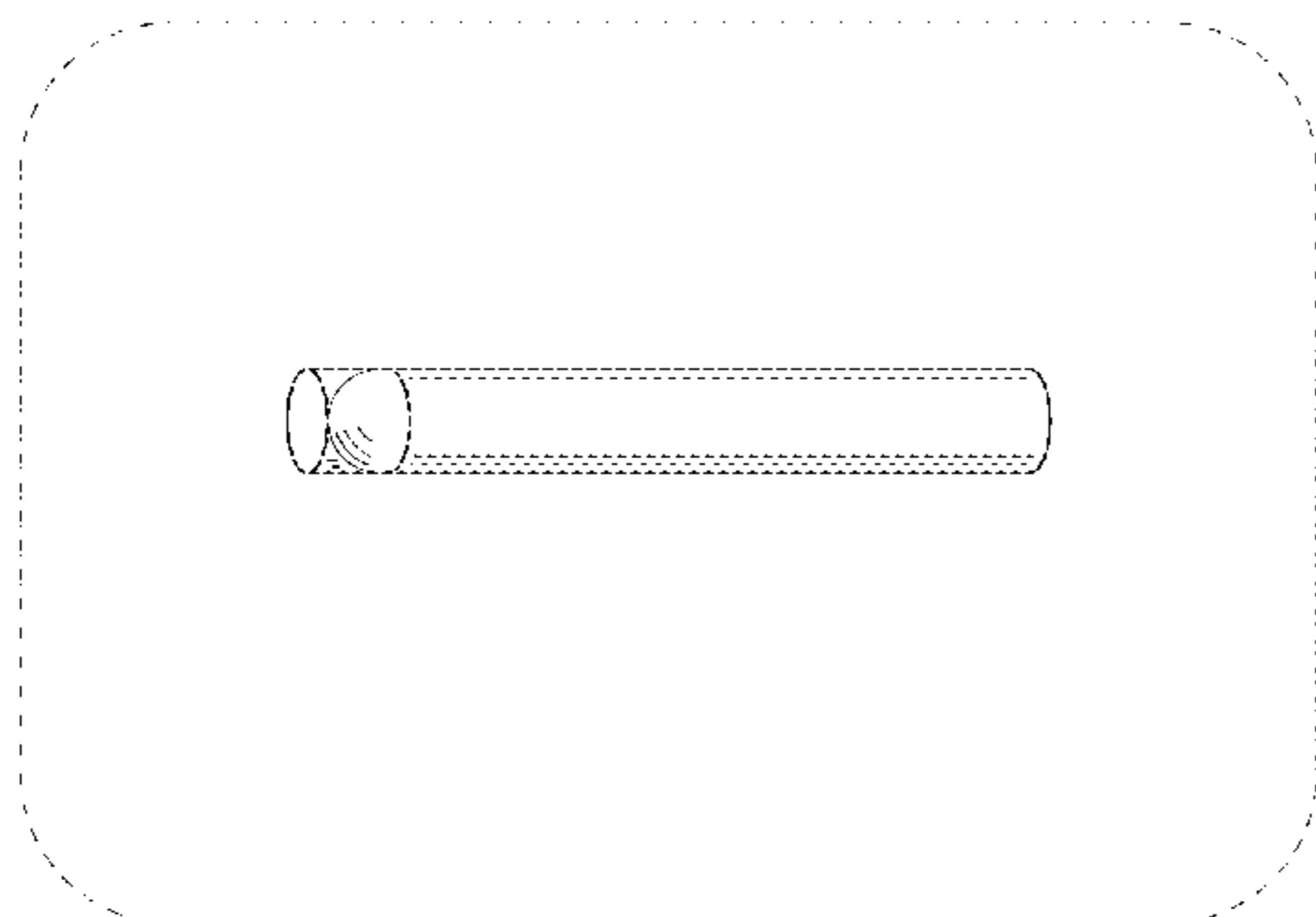
- (54) **DISPLAY SCREEN WITH A TRANSITIONAL GRAPHICAL USER INTERFACE**
- (71) Applicant: **St. Jude Medical, Cardiology Division, Inc., St. Paul, MN (US)**
- (72) Inventors: **Michael A. Quinn, St. Paul, MN (US); Daniel R. Starks, Lake Elmo, MN (US)**
- (73) Assignee: **St. Jude Medical, Cardiology Division, Inc., St. Paul, MN (US)**
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/489,667**
- (22) Filed: **May 1, 2014**
- (51) **LOC (10) Cl.** ..... **14-04**
- (52) **U.S. Cl.**  
USPC ..... **D14/492**
- (58) **Field of Classification Search**  
USPC ..... D14/485-489  
CPC ..... A61B 5/02; A61B 8/46; G06F 19/34; G06F 19/3406; G06F 19/3418; G06T 2207/30004  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D240,647 S	7/1976	Root	
D243,320 S *	2/1977	MacWilliams	D10/83
D359,545 S *	6/1995	Canler	D22/145
D362,402 S *	9/1995	Hite	D10/87
D372,308 S *	7/1996	Stuart	604/523
D401,666 S *	11/1998	Lee	D22/145
D401,997 S *	12/1998	Lee	D22/145
D401,998 S *	12/1998	Lee	D22/145
D471,599 S	3/2003	Manville	
D471,949 S *	3/2003	Thomas	D22/108
D517,123 S *	3/2006	Sidwell	D20/42
D520,576 S *	5/2006	Sonnon	D21/662
D542,914 S *	5/2007	Tanghoj	D24/112
D550,356 S *	9/2007	Anderson	D24/112
D552,733 S *	10/2007	Criscuolo	D24/133
D558,086 S *	12/2007	Herber	D11/141
D562,411 S	2/2008	Jones et al.	

D572,772 S *	7/2008	Barton	D21/440
D575,353 S *	8/2008	Barton	D21/440
D577,391 S *	9/2008	Barton	D21/440
7,511,703 B2	3/2009	Wilson et al.	
D603,044 S	10/2009	Appling et al.	
D617,448 S *	6/2010	Singh	D24/112
D625,409 S *	10/2010	Chesnin	D24/129
D626,648 S *	11/2010	Ahlgren	D24/130
D627,836 S *	11/2010	Hanoun	D21/680
D627,879 S *	11/2010	Bruns	D24/122
D628,659 S *	12/2010	Burns	D21/453
D630,321 S *	1/2011	Hamilton, Jr.	D24/133
D630,729 S *	1/2011	Bierman	D24/112
D630,733 S *	1/2011	Ahlgren	D24/130
D631,154 S *	1/2011	Hamilton, Jr.	D24/133
D640,767 S	6/2011	Renosky et al.	
D648,851 S *	11/2011	Copeland	D24/112
D657,787 S *	4/2012	Fletcher	D14/300
D659,212 S *	5/2012	Smith	D21/753
8,206,380 B2	6/2012	Lenihan et al.	
D663,743 S	7/2012	Tanghe et al.	
D663,744 S	7/2012	Tanghe et al.	
D689,089 S	9/2013	Impas et al.	
8,532,738 B2	9/2013	Zino	
D699,745 S	2/2014	Pearson et al.	
D700,318 S *	2/2014	Amoah	D24/112
D704,330 S *	5/2014	Cicatelli	D24/122
D705,925 S *	5/2014	Murray	D24/112
8,849,382 B2 *	9/2014	Cox	A61B 5/06 600/509
8,979,842 B2 *	3/2015	McNall, III	A61B 18/1485 606/46
D727,437 S *	4/2015	Padilla	D21/439
9,005,106 B2 *	4/2015	Gross	A61N 1/05 600/18
9,113,843 B2 *	8/2015	Manstrom	A61B 5/02028
D738,434 S	9/2015	Baumann et al.	
D738,960 S *	9/2015	Padilla	D21/440
D738,961 S *	9/2015	Padilla	D21/440
D739,472 S *	9/2015	Padilla	D21/440
D739,473 S *	9/2015	Padilla	D21/440
9,125,600 B2 *	9/2015	Steube	A61B 5/1411
9,125,655 B2 *	9/2015	Gharib	A61B 17/12013
9,140,715 B2 *	9/2015	Wilson	B01L 3/5085
9,144,449 B2	9/2015	Burr et al.	
D741,901 S	10/2015	Gardner et al.	
9,152,829 B2 *	10/2015	Day	A61M 5/20
9,186,063 B2	11/2015	Goldman et al.	
D748,137 S *	1/2016	Merschon	D14/492
D753,150 S	4/2016	Chmiel et al.	
9,326,700 B2	5/2016	Govari et al.	
2008/0091121 A1	4/2008	Sun et al.	
2008/0294144 A1	11/2008	Leo et al.	





2009/0177111	A1	7/2009	Miller et al.
2010/0169815	A1	7/2010	Zhao et al.
2011/0144524	A1	6/2011	Fish et al.
2012/0157825	A1	6/2012	Koyrakh et al.
2012/0172713	A1	7/2012	Carbonera et al.
2012/0237105	A1	9/2012	Mielekamp
2014/0100484	A1	4/2014	Tsusaka et al.
2015/0313547	A1	11/2015	Quinn et al.

## FOREIGN PATENT DOCUMENTS

EP	2248480	A1	11/2010
EP	2201890	B1	1/2013
WO	2010147972	A1	12/2010

## OTHER PUBLICATIONS

Medical Device Breakthrough, posted at PRNewsWire.com by Boston Children's Hospital, posted Oct. 5, 2015, © 2016 PR Newswire Association LLC, [site visited Feb. 2, 2016]. Available from internet: <<http://www.prnewswire.com/news-releases/medical-device-breakthrough-uv--light-enabled-catheter-fixes-holes-in-the-heart-without-invasive-surgery-300154020.html>>.\*

Filling That Hole in Your Heart, posted at Txchnologist.com by Boston Children's Hospital, posting date not posted, [site visited Feb. 2, 2016]. Available from internet: <<http://txchnologist.com/post/131031232425/filling-that-hole-in-your-heart-repairing-defects>>.\*

Alternative to Open Heart Bypass Surgery at Sanford Health, posted at Medical-Horizons.net, posted May 9, 2013, © 2016 Medical Horizon, [site visited Feb. 2, 2016]. Available from internet: <<http://www.medical-horizons.net/blog-view.php?id=70>>.\*

Heart Catheter, posted at Cat-Medic.com by Springer Medicine via Cat Production, posting date not posted, © 2015 Cat Production GmbH, [site visited Feb. 2, 2016]. Available from internet: <<http://www.cat-medic.com/otw-portfolio/heart-catheter/>>.\*

Kwok et al., "MRI-based visual and haptic catheter feedback: simulating a novel system's contribution to efficient and safe MRI-guided cardiac electrophysiology procedures," *Journal of Cardiovascular Magnetic Resonance* (<http://www.jcmr-online.com/content/16/S1/O50>), Jan. 16, 2014, pp. 1-3.

Kesner, Samuel B. et al., "Discriminating Tissue Stiffness with a Haptic Catheter: Feeling the Inside of the Beating Heart," *IEEE—World Haptics Conference 2011*, Jun. 22-24, 2011, Istanbul, Turkey, pp. 1-6.

Biosense Webster, Inc., ThermoCool\*SmartTouch\* Contact Force Sensing Catheter [Brochure]. (2011) ([http://www.incathlab.com/files/12110\\_brochure\\_SmartTouch\\_Bdef.pdf](http://www.incathlab.com/files/12110_brochure_SmartTouch_Bdef.pdf)), n.p., n. pag.

'Death Worm Gameplay'. youtube.com [online]. Jul. 27, 2008. Retrieved from the Internet: <[URL:https://www.youtube.com/watch?v=jBSgw7XgRIU](https://www.youtube.com/watch?v=jBSgw7XgRIU)>.

'Heart Catheterization Animation'. WebMD.com [online]. Jan. 23, 2014. Retrieved from the Internet: <[URL:http://www.webmd.com/heart-disease/video/cardiac-catherization](http://www.webmd.com/heart-disease/video/cardiac-catherization)>.

'Insulin pen instruction animation'. youtube.com [online]. Sep. 16, 2011. Retrieved from the Internet: <[URL:https://www.youtube.com/watch?v=INo.8\\_IoL\\_3g](https://www.youtube.com/watch?v=INo.8_IoL_3g)>.

'Nerf Dart Greenscreen'. youtube.com [online]. Jun. 10, 2013. Retrieved from the Internet: <[URL:https://www.youtube.com/watch?v=OTRbM0Dt\\_W4](https://www.youtube.com/watch?v=OTRbM0Dt_W4)>.

\* cited by examiner

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Assistant Examiner — Alyse Joseph

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(57)

**CLAIM**

The ornamental design for a display screen with a transitional graphical user interface, as shown and described.

**DESCRIPTION**

FIG. 1 illustrates a front view of a first image in a sequence for a display screen with an animated graphical user interface, showing our new design;

FIG. 2 illustrates a front view of a second image thereof;

FIG. 3 illustrates a front view of a third image thereof;

FIG. 4 illustrates a front view of a fourth image thereof;

FIG. 5 illustrates a front view of a fifth image thereof;

FIG. 6 illustrates a front view of a sixth image thereof;

FIG. 7 illustrates a front view of a seventh image thereof;

FIG. 8 illustrates a front view of an eighth image thereof;

FIG. 9 illustrates a front view of a ninth image thereof;

FIG. 10 illustrates a front view of a tenth image thereof;

FIG. 11 illustrates a front view of an eleventh image thereof;

FIG. 12 illustrates a front view of a twelfth image thereof;

FIG. 13 illustrates a front view of a thirteenth image thereof;

FIG. 14 illustrates a front view of a fourteenth image thereof;

FIG. 15 illustrates a front view of a fifteenth image thereof;

FIG. 16 illustrates a front view of a sixteenth image thereof;

FIG. 17 illustrates a front view of a seventeenth image thereof;

FIG. 18 illustrates a front view of an eighteenth image thereof;

FIG. 19 illustrates a front view of a nineteenth image thereof;

FIG. 20 illustrates a front view of a twentieth image thereof;

FIG. 21 illustrates a front view of a twenty-first image thereof;

FIG. 22 illustrates a front view of a twenty-second image thereof;

FIG. 23 illustrates a front view of a twenty-third image thereof;

FIG. 24 illustrates a front view of a twenty-fourth image thereof;

FIG. 25 illustrates a front view of a twenty-fifth image thereof;

FIG. 26 illustrates a front view of a twenty-sixth image thereof;

FIG. 27 illustrates a front view of a twenty-seventh image thereof;

FIG. 28 illustrates a front view of a twenty-eighth image thereof;

FIG. 29 illustrates a front view of a twenty-ninth image thereof;

FIG. 30 illustrates a front view of a thirtieth image thereof;

FIG. 31 illustrates a front view of a thirty-first image thereof;

and,

FIG. 32 illustrates a front view of a thirty-second image thereof.

The appearance of the transitional image sequentially transitions between the images shown in FIGS. 1-32. The process or period in which one image transitions to another forms no part of the claimed invention.

**1 Claim, 32 Drawing Sheets**

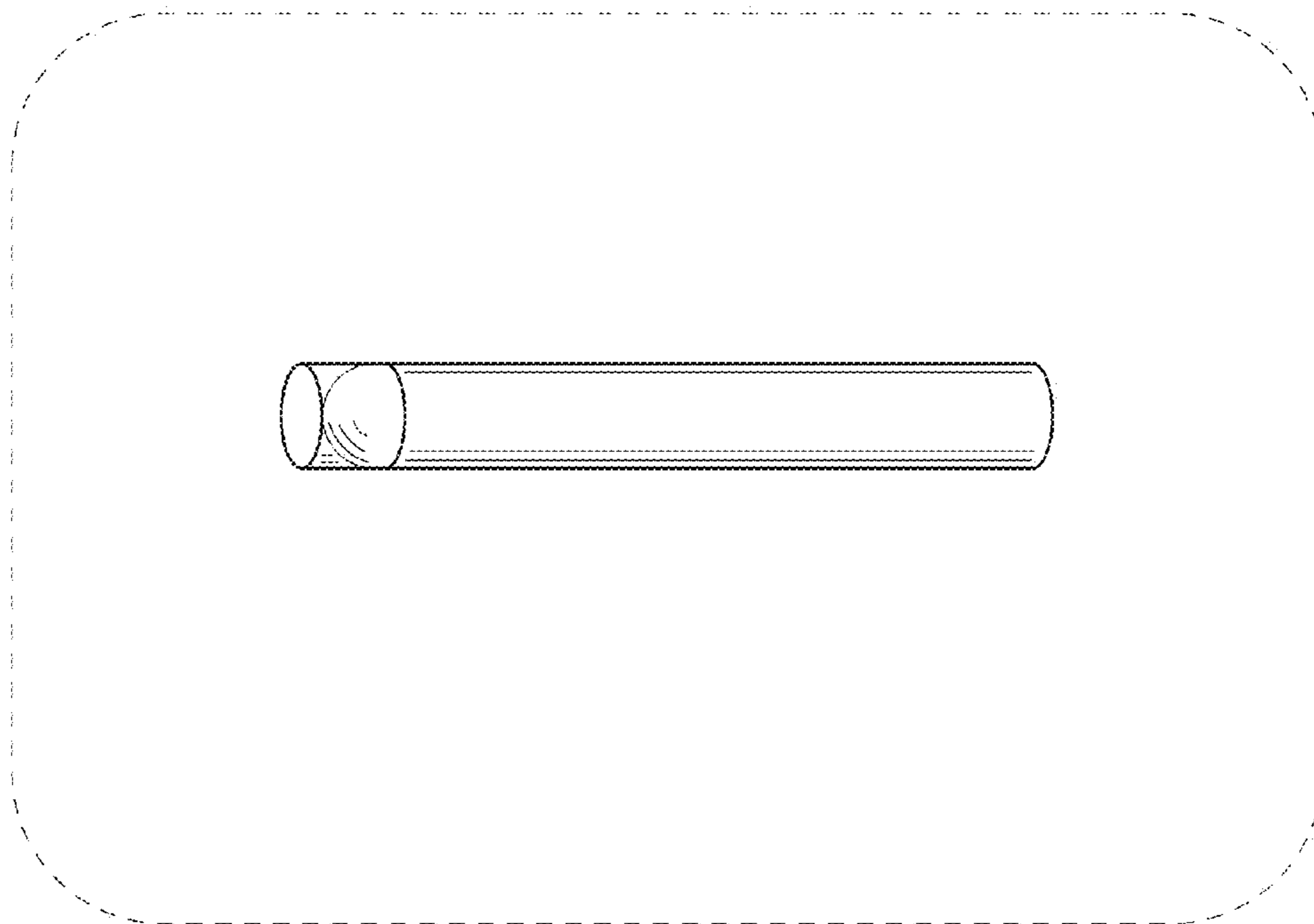


FIG.1

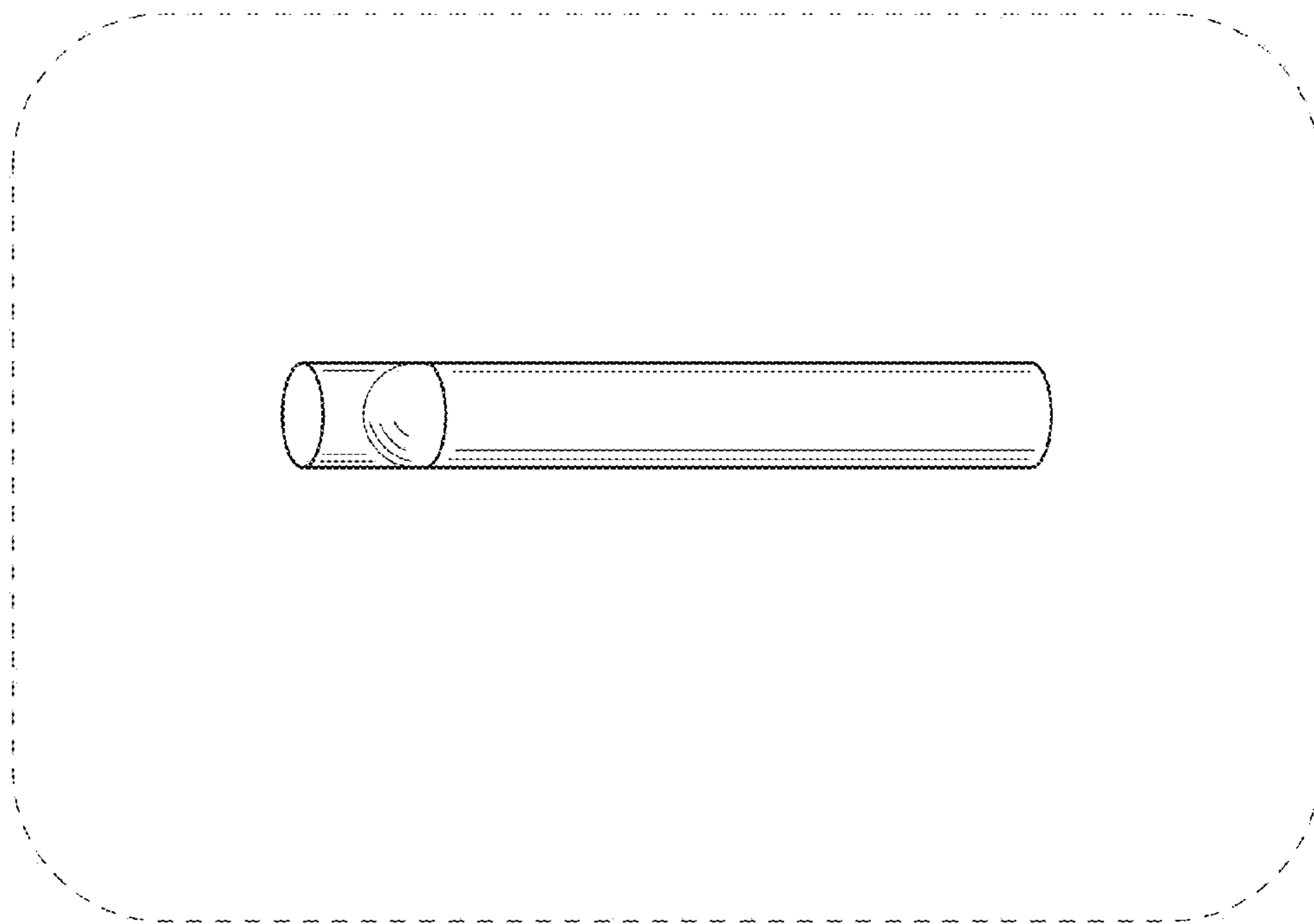


FIG.2

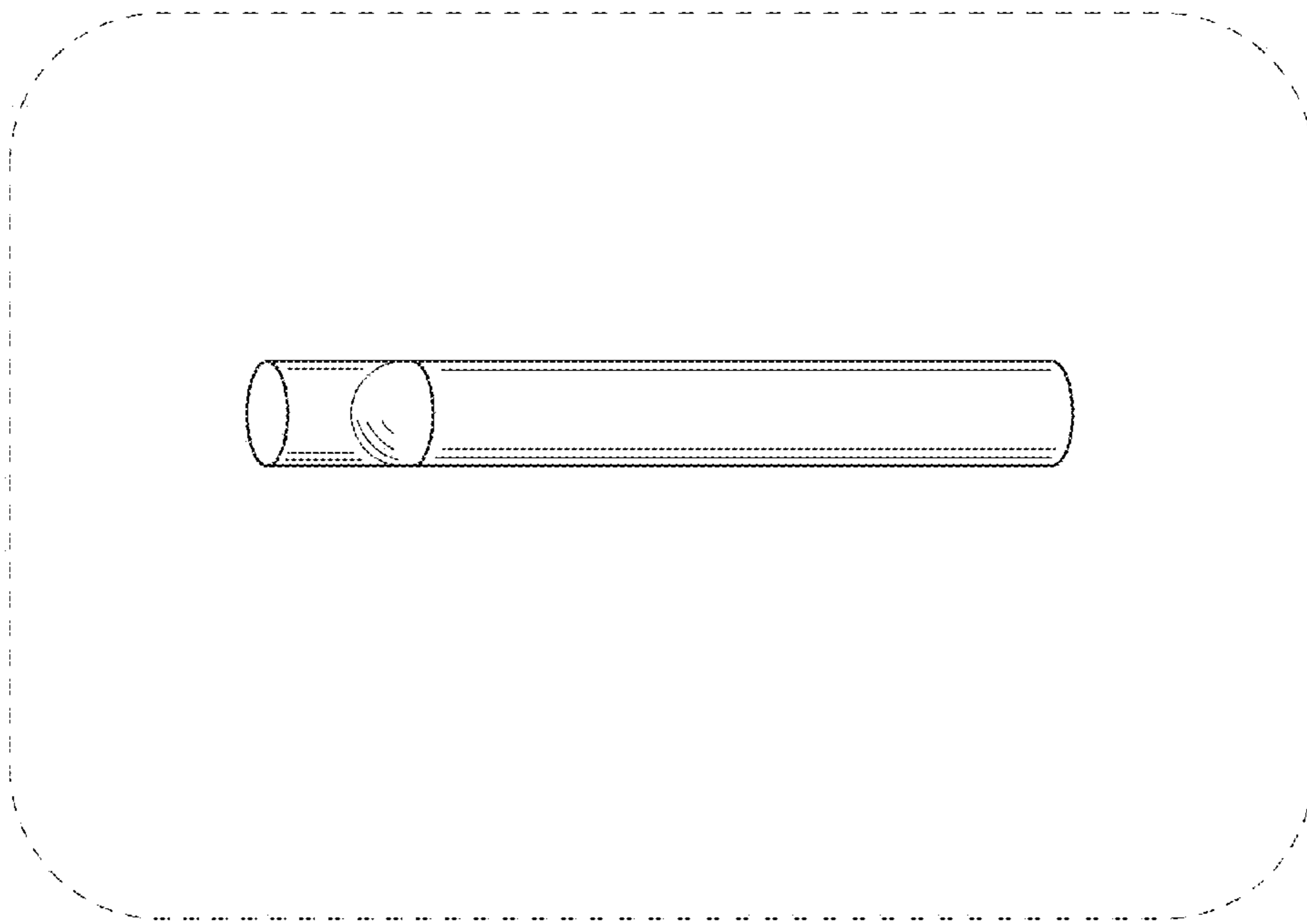


FIG.3

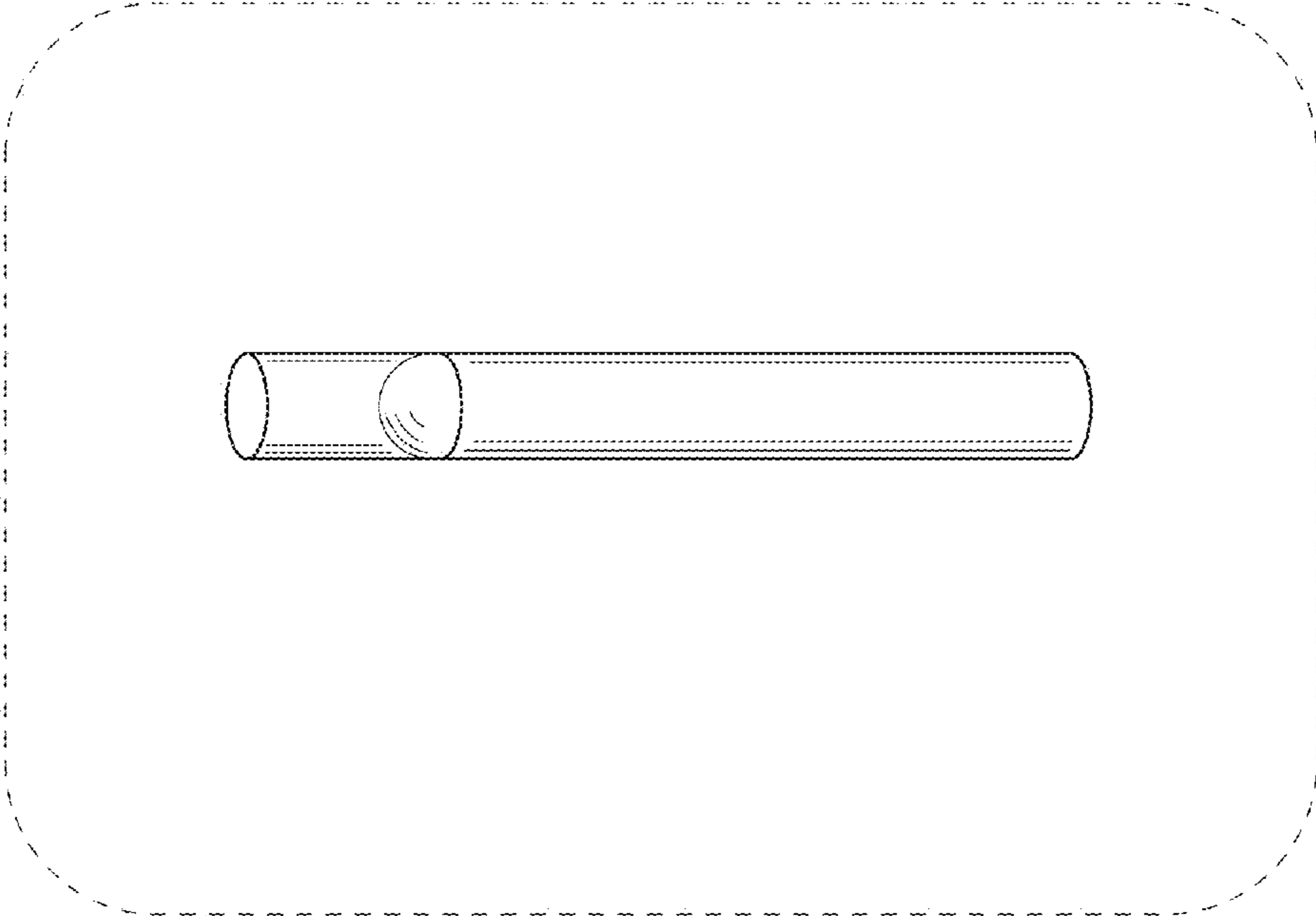


FIG.4

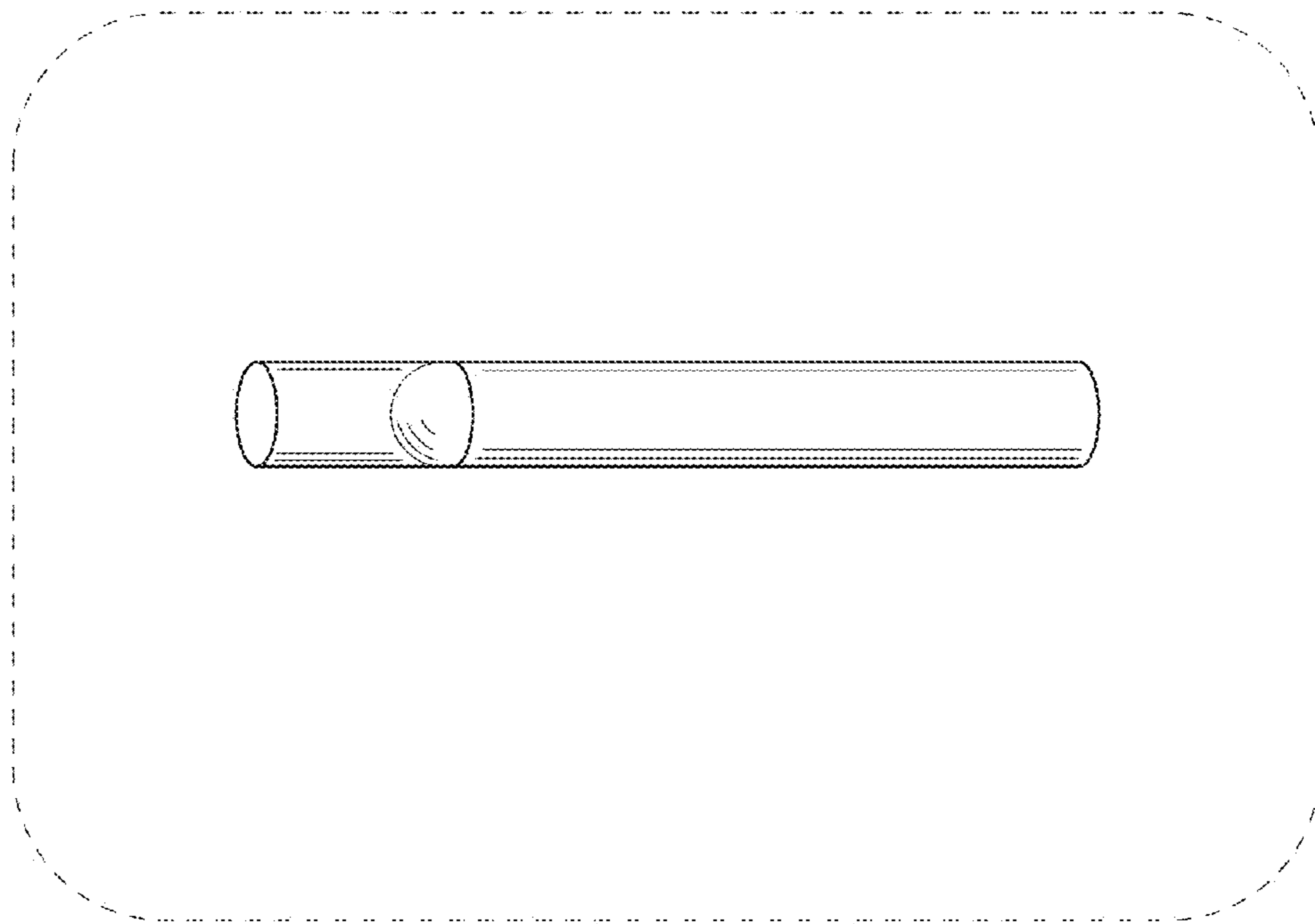


FIG.5

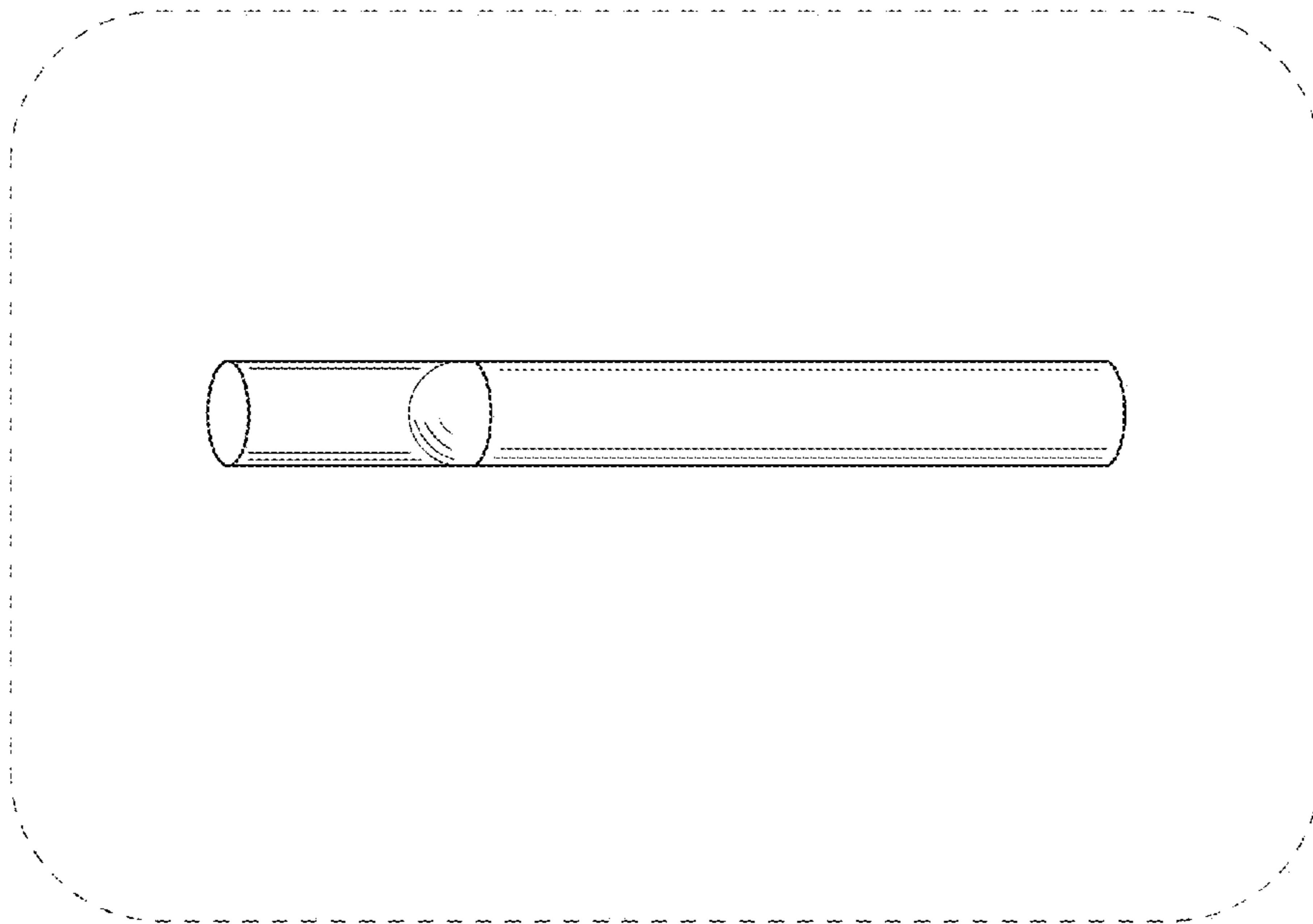


FIG.6



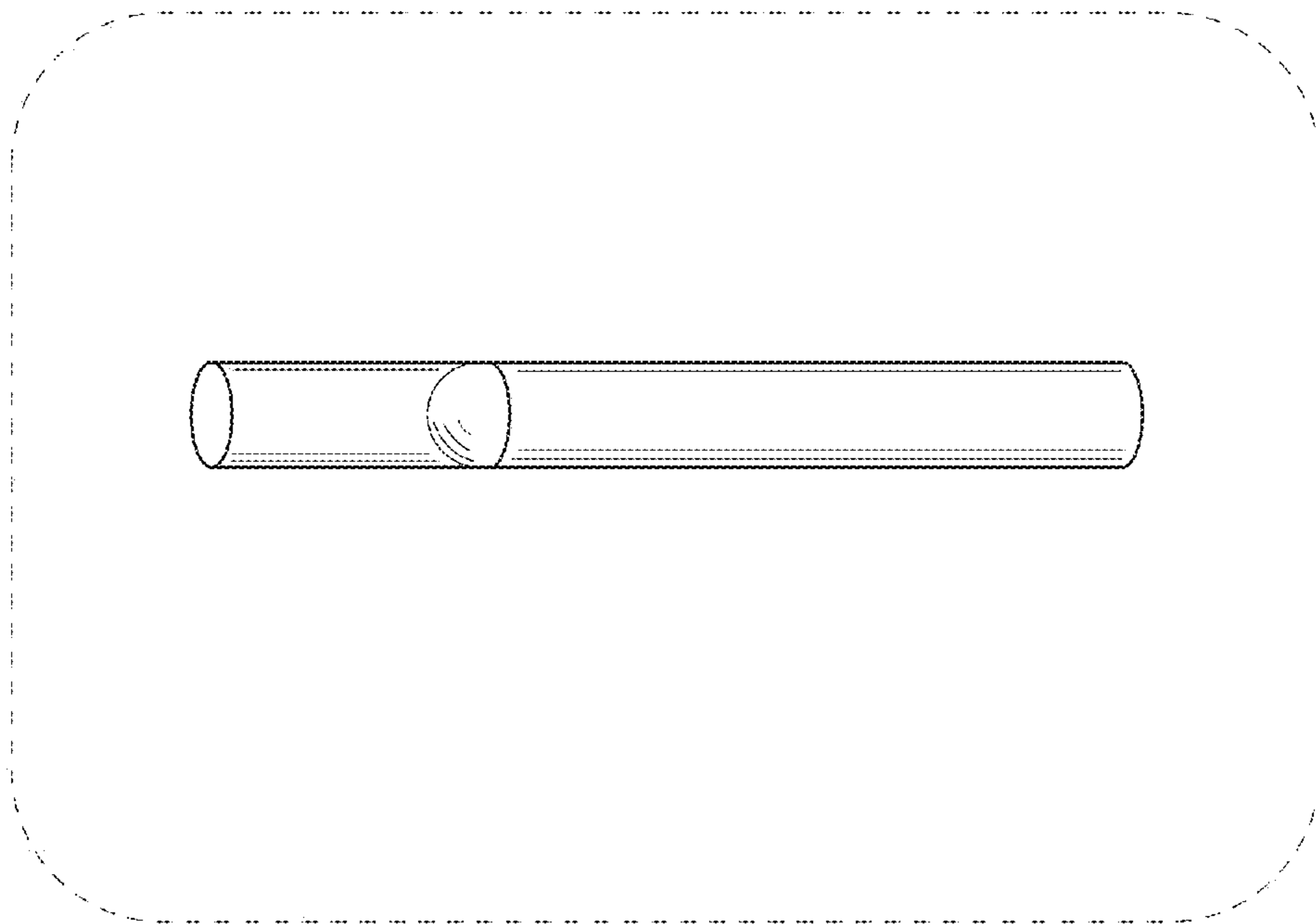


FIG.7

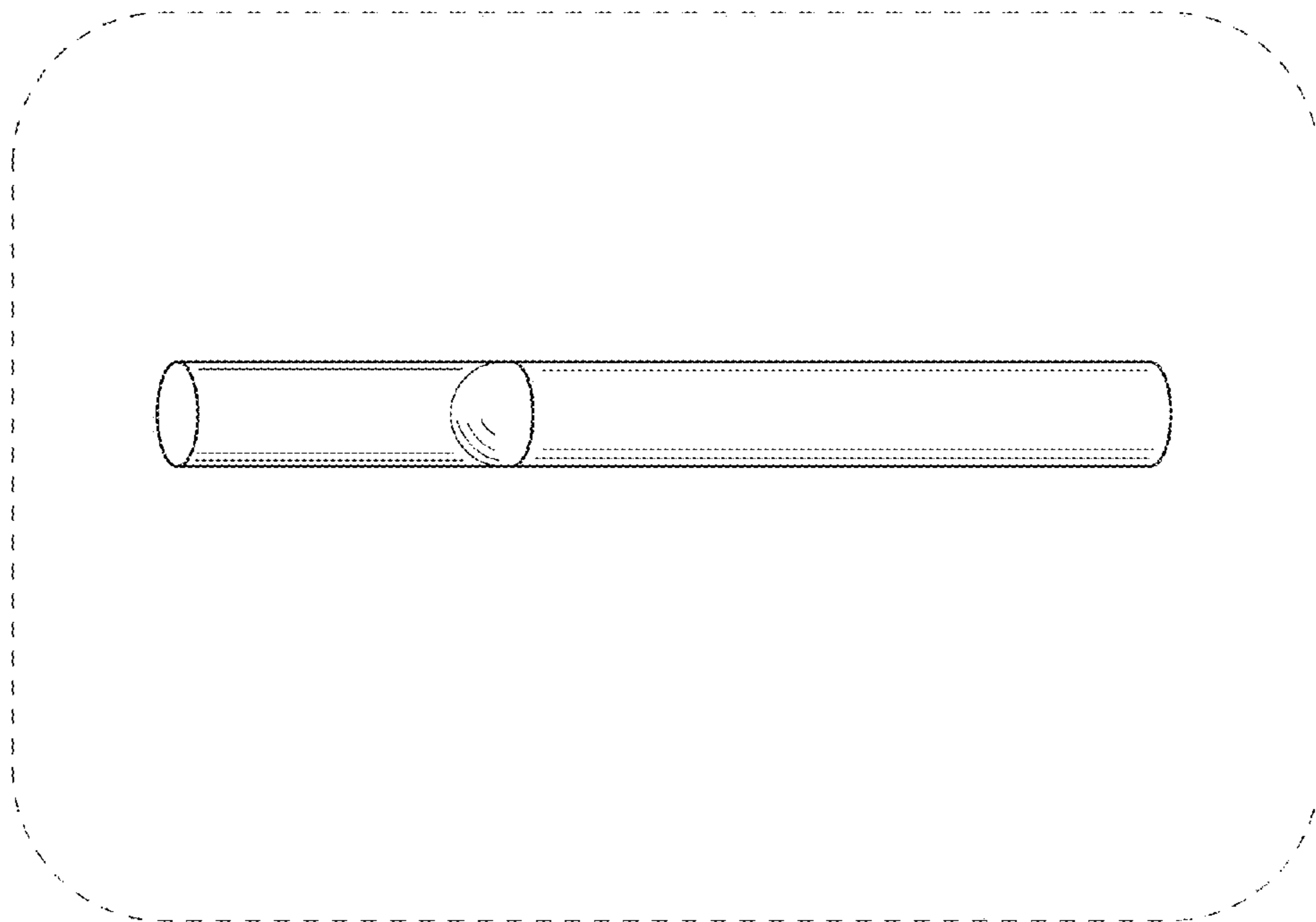


FIG.8

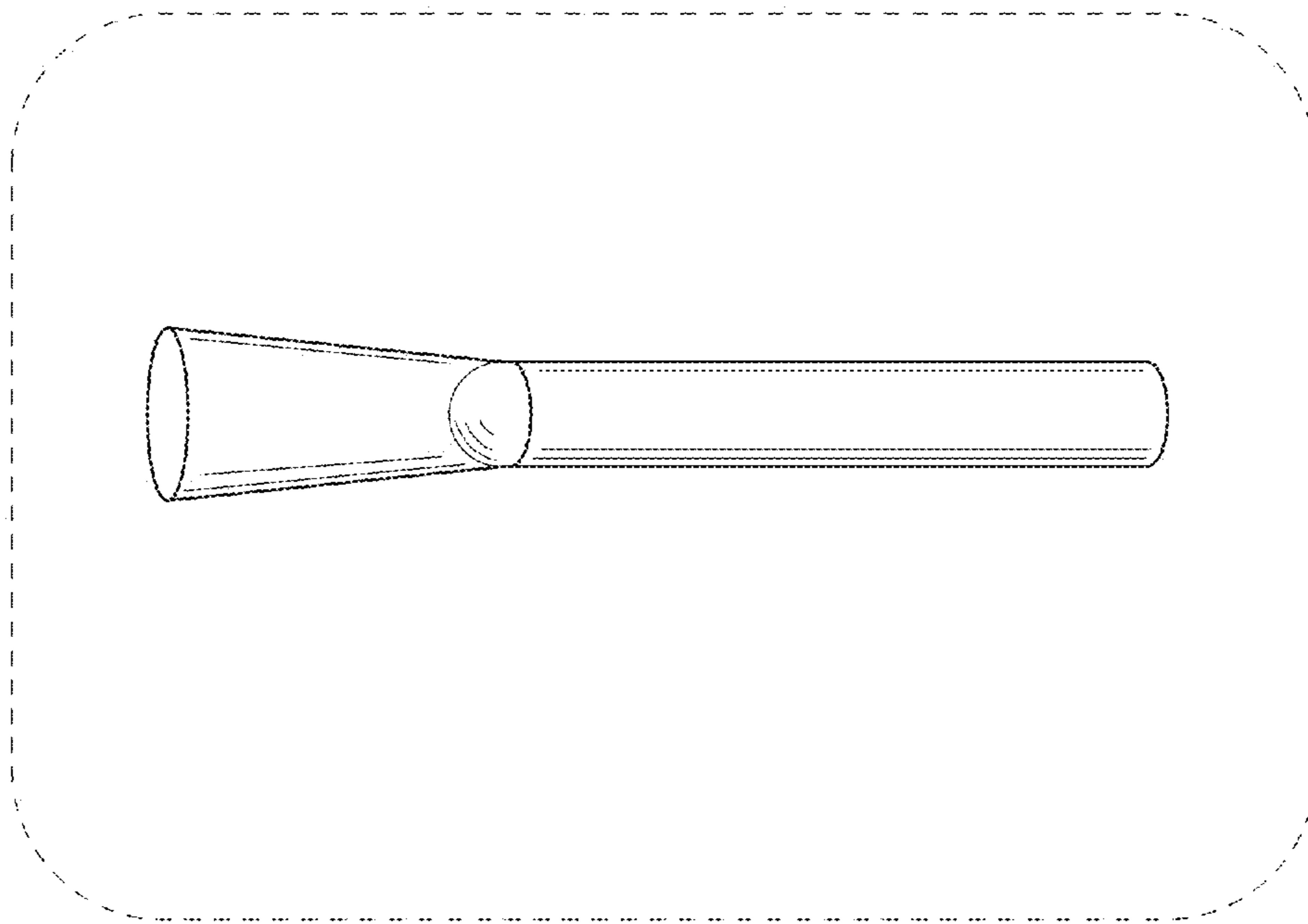


FIG.9

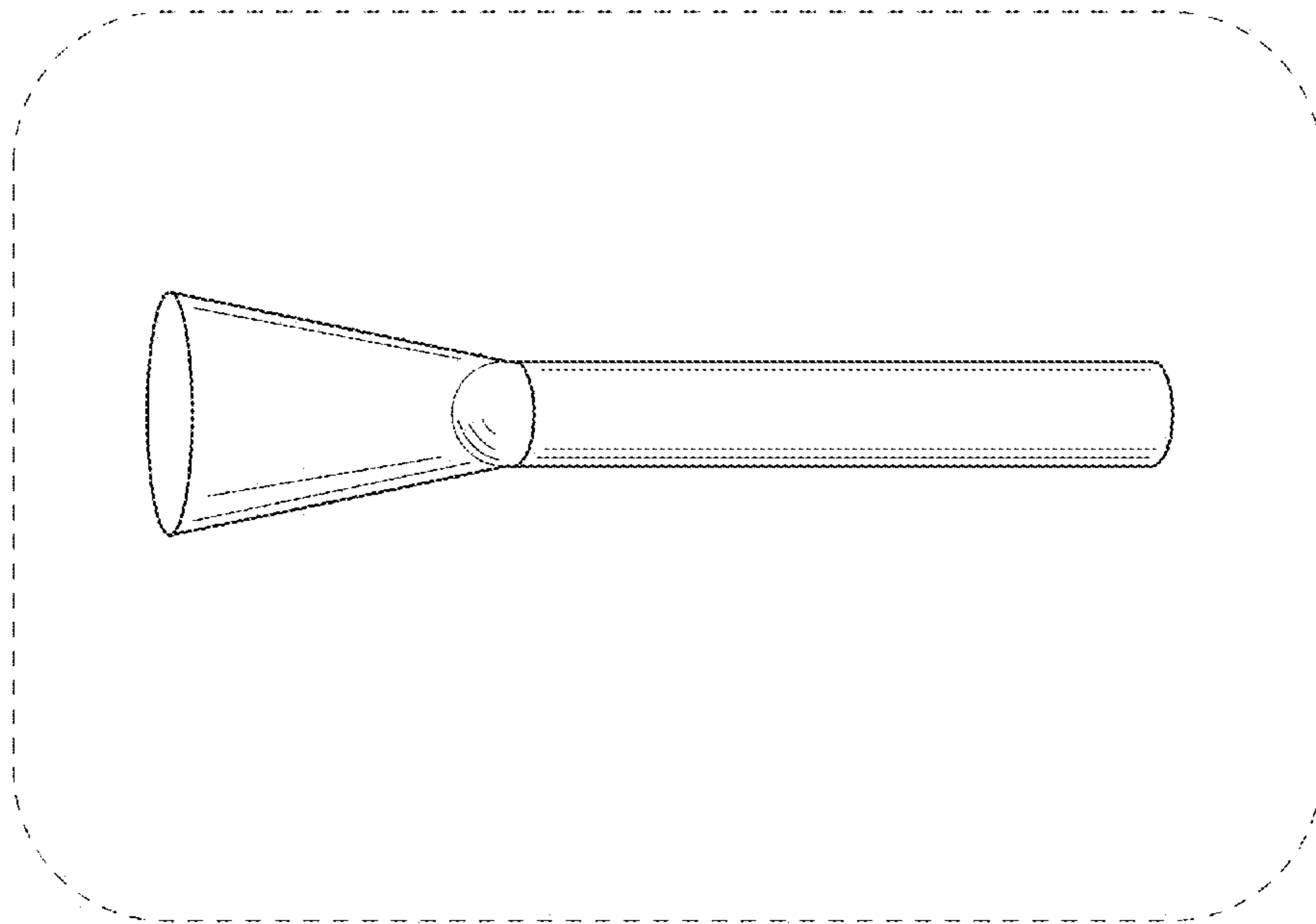


FIG. 10

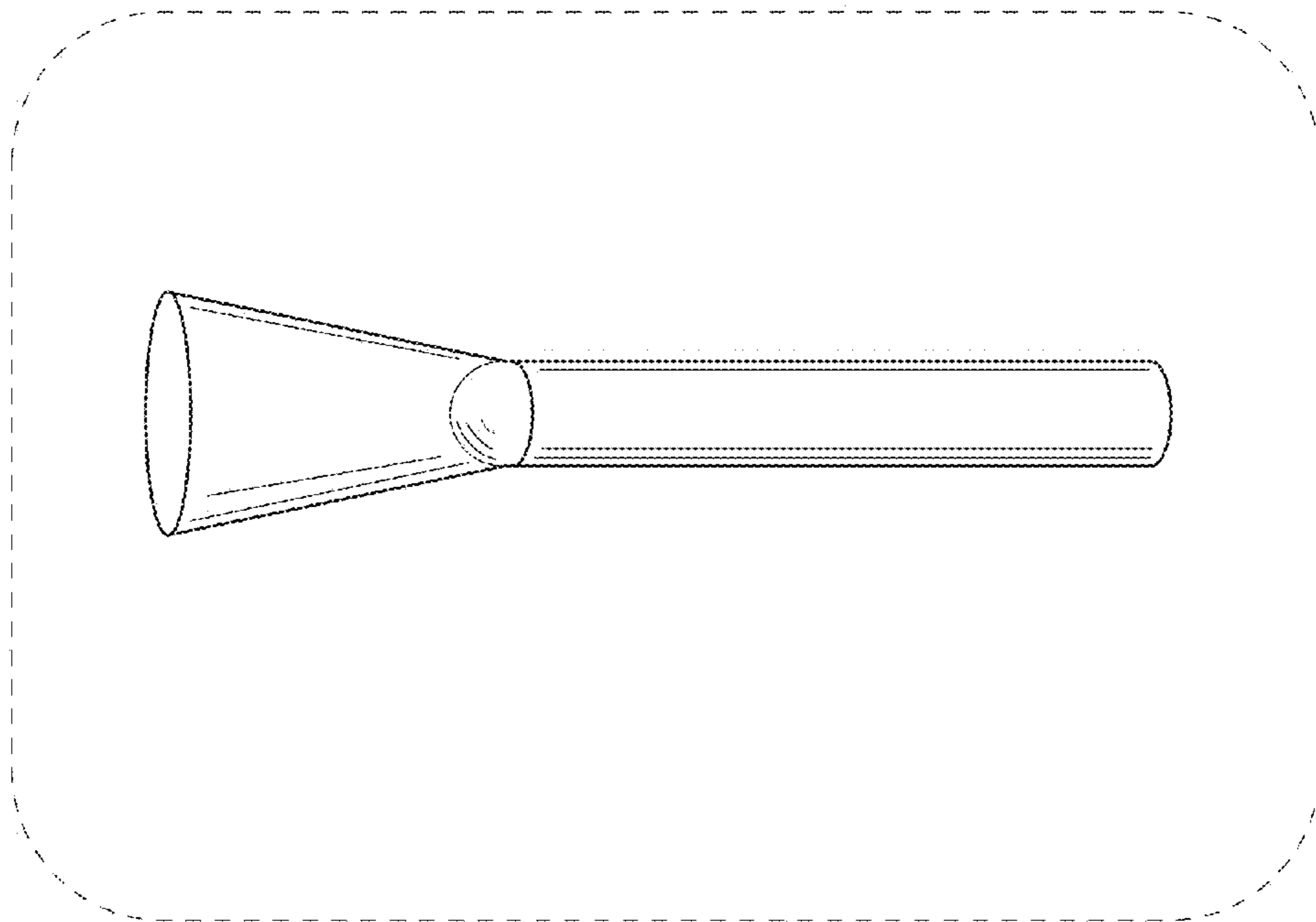


FIG.11

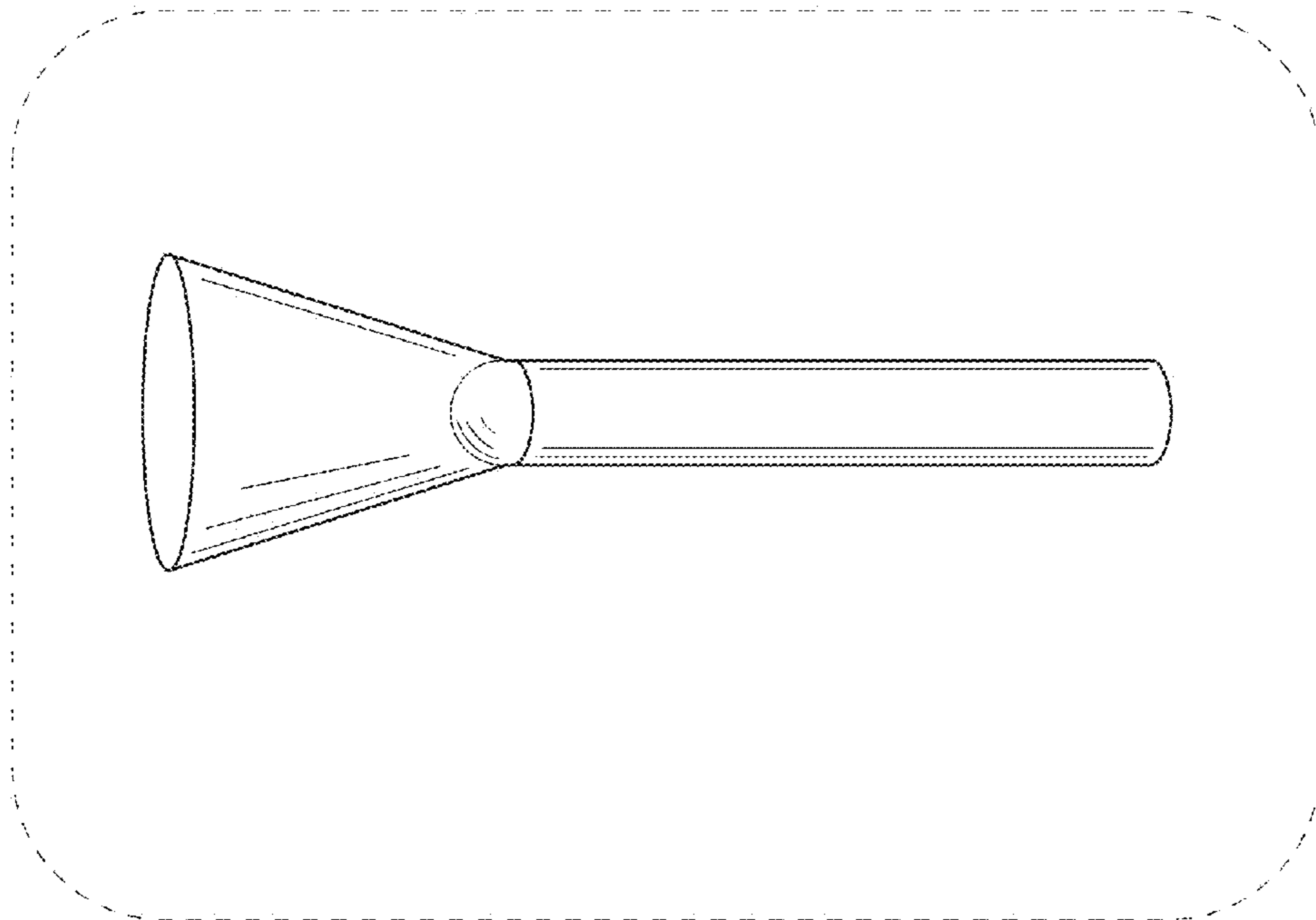


FIG.12



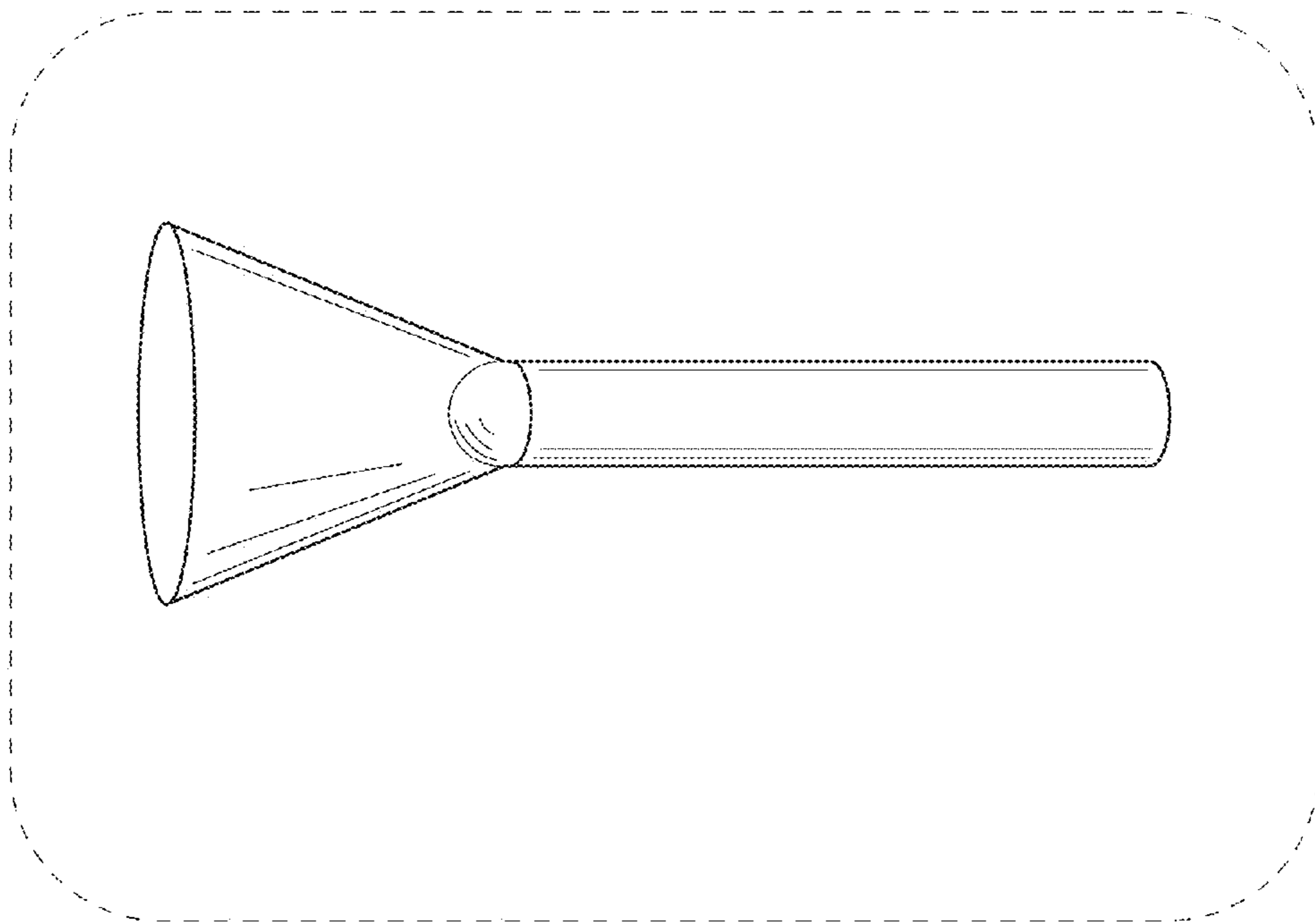


FIG.13

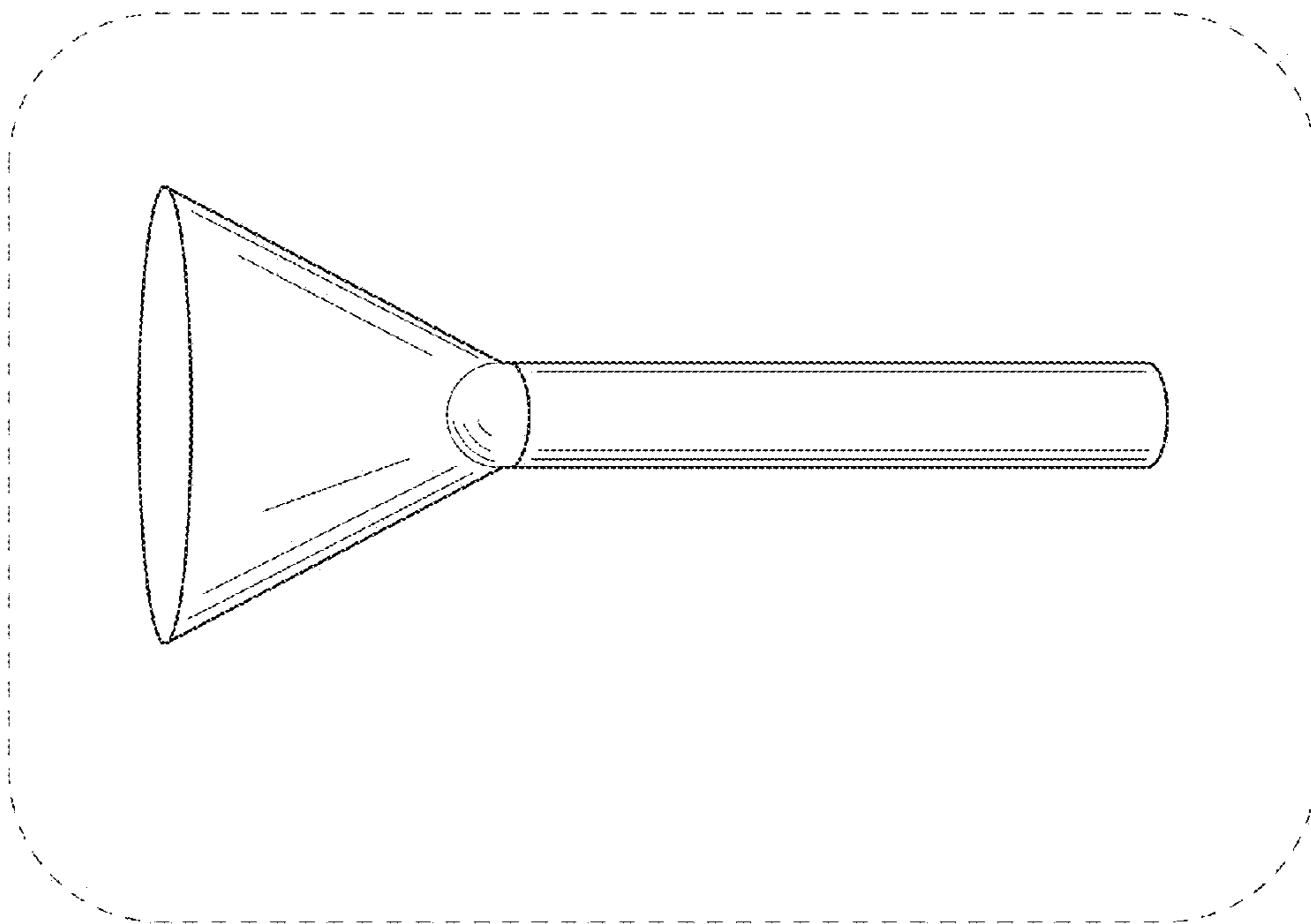


FIG.14

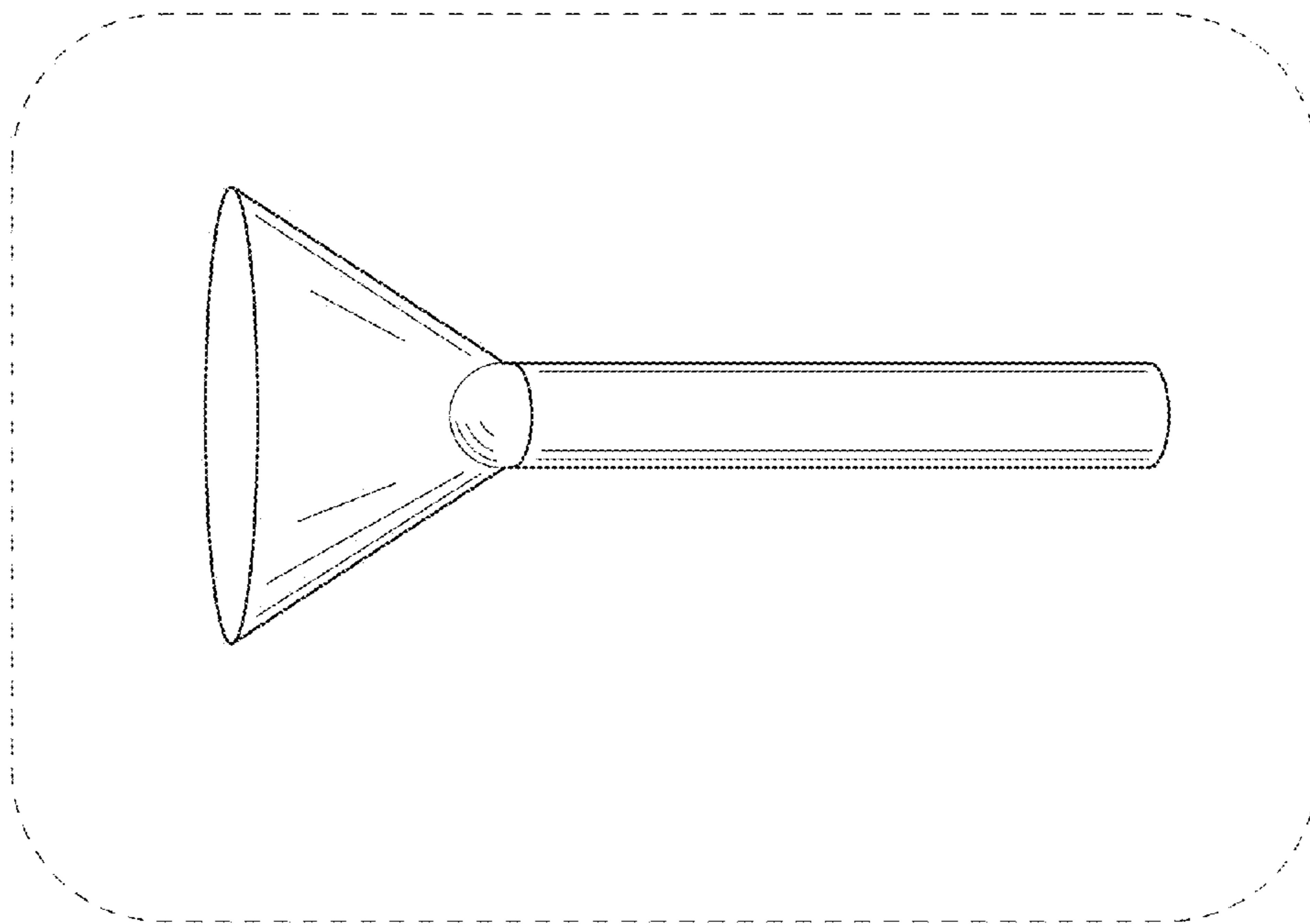


FIG.15

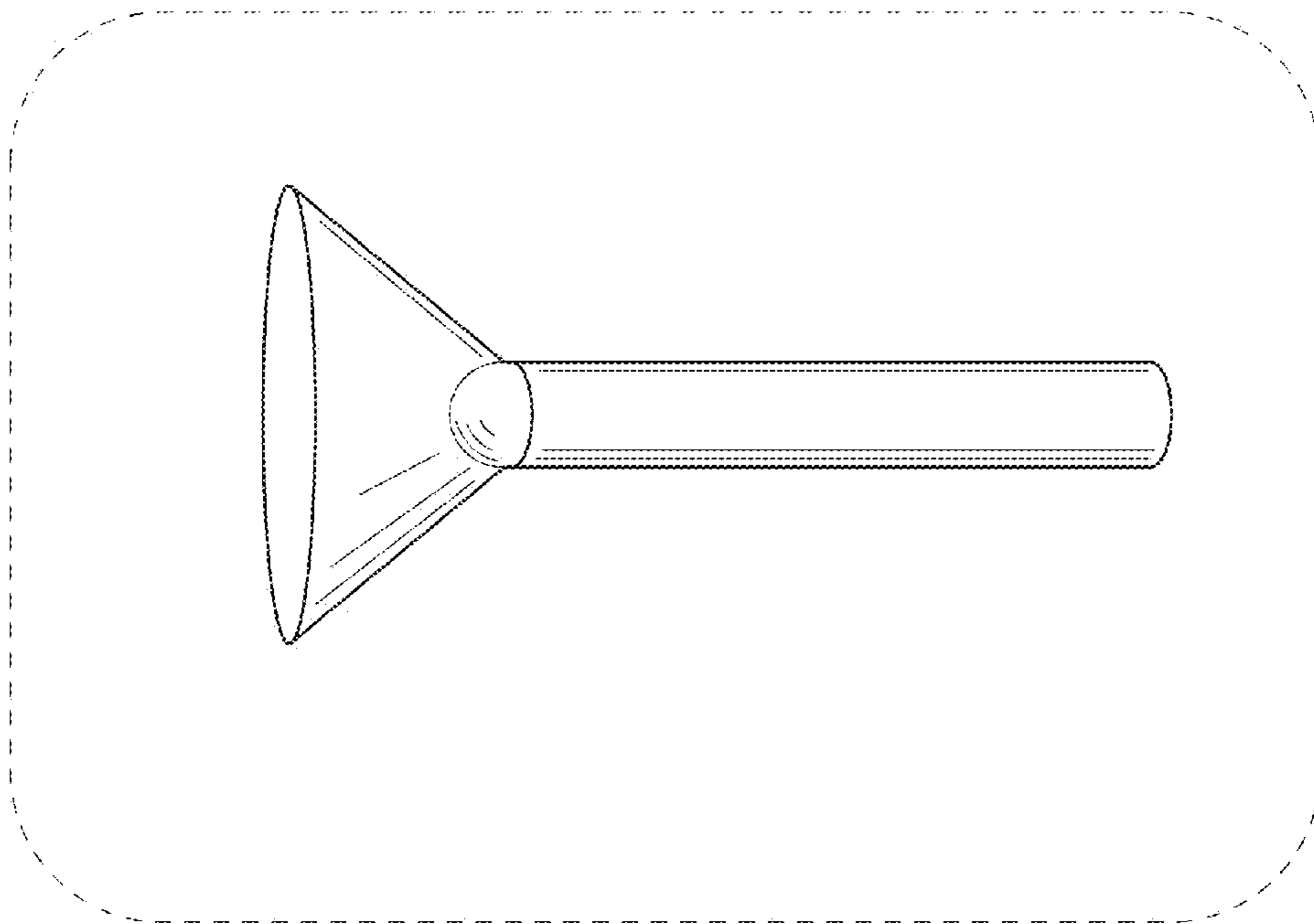


FIG.16

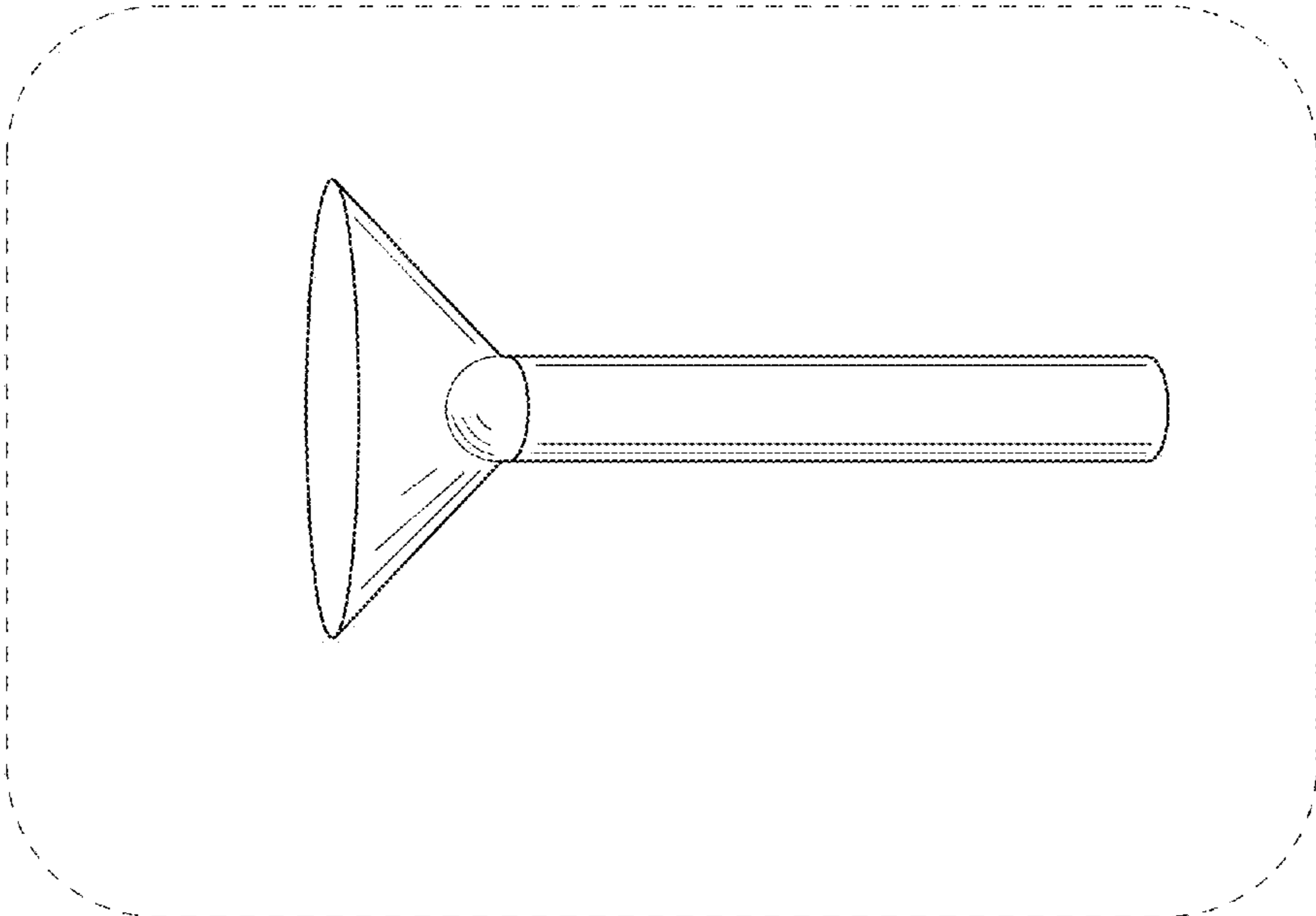


FIG.17

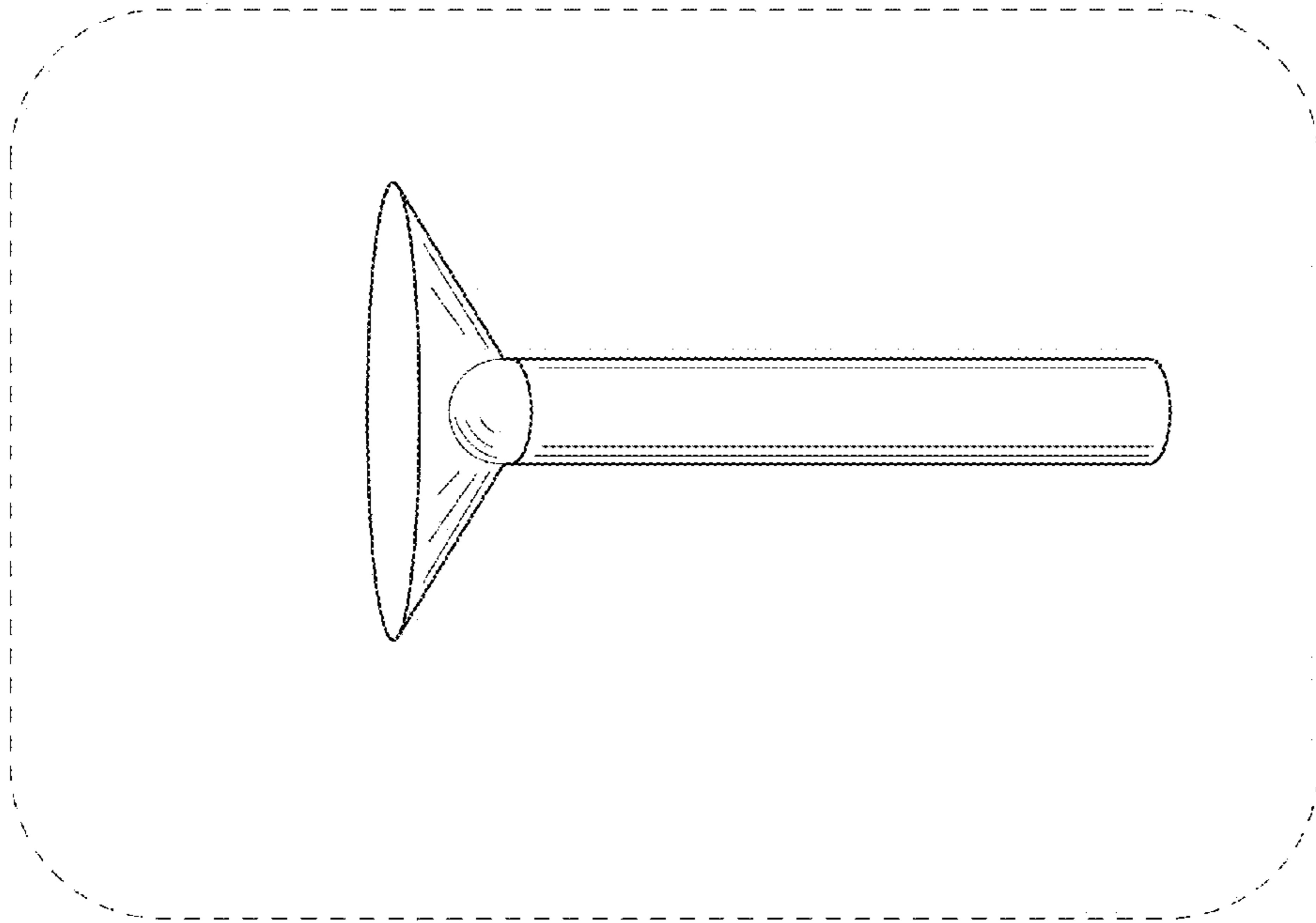


FIG. 18



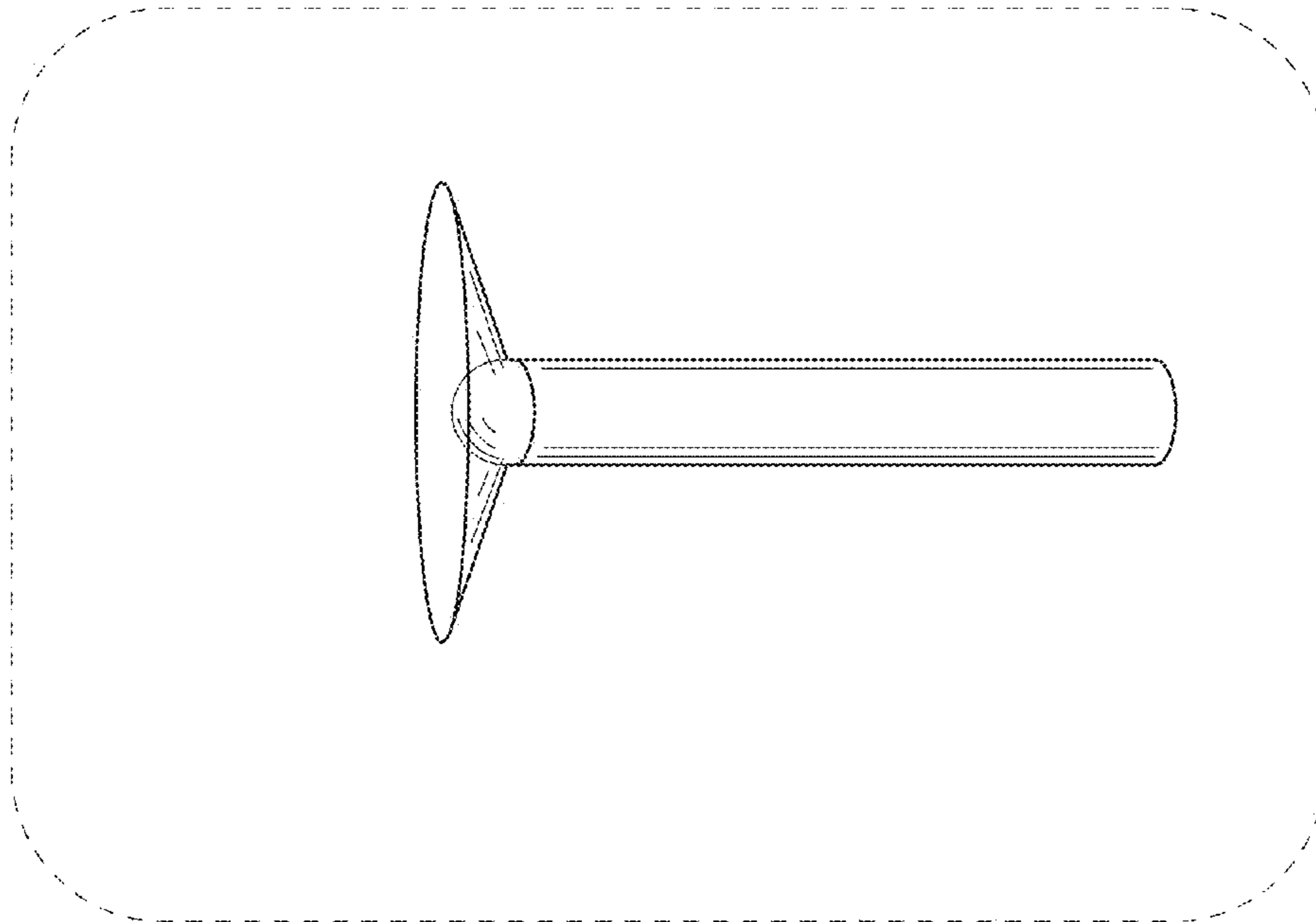


FIG.19

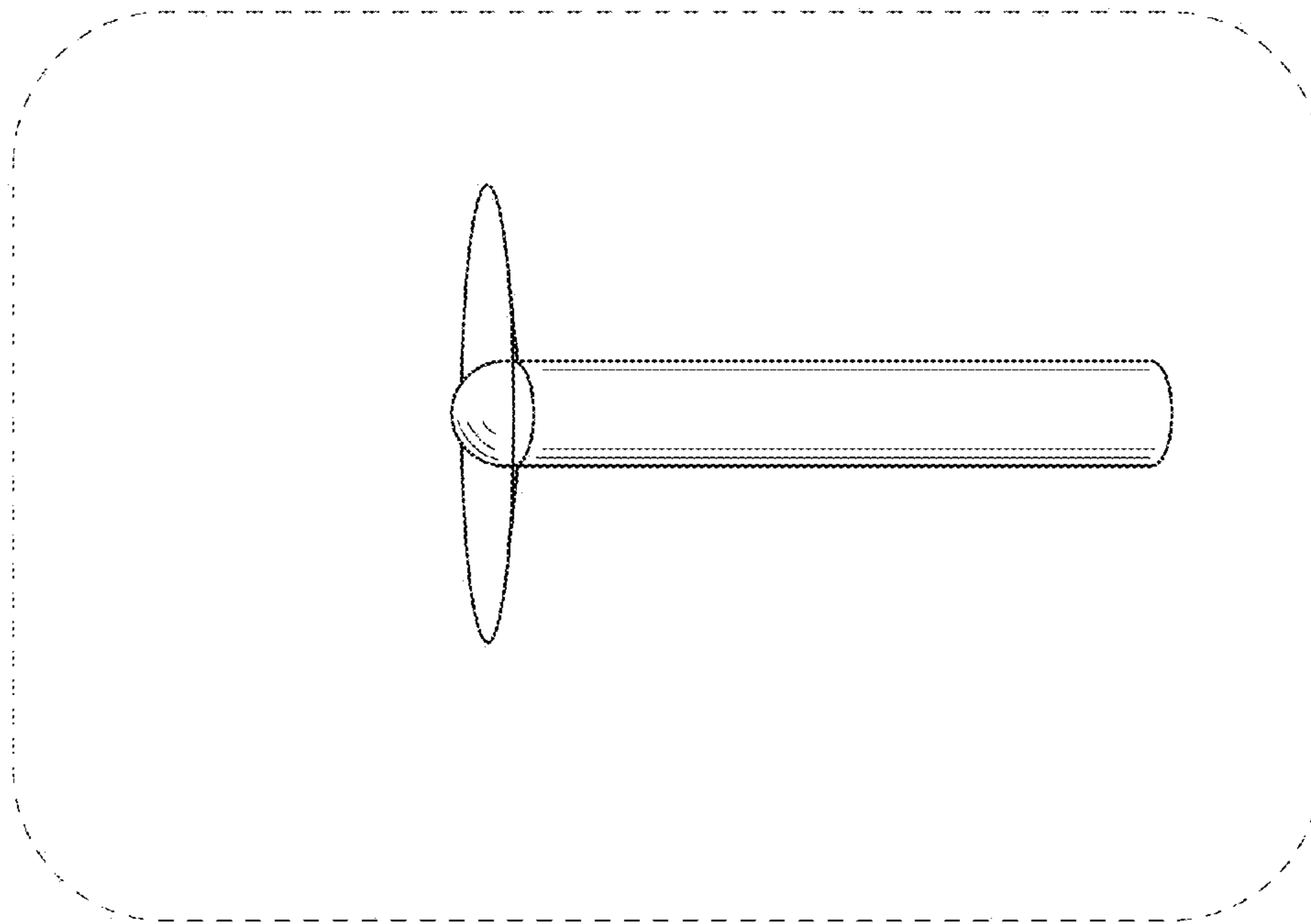


FIG.20

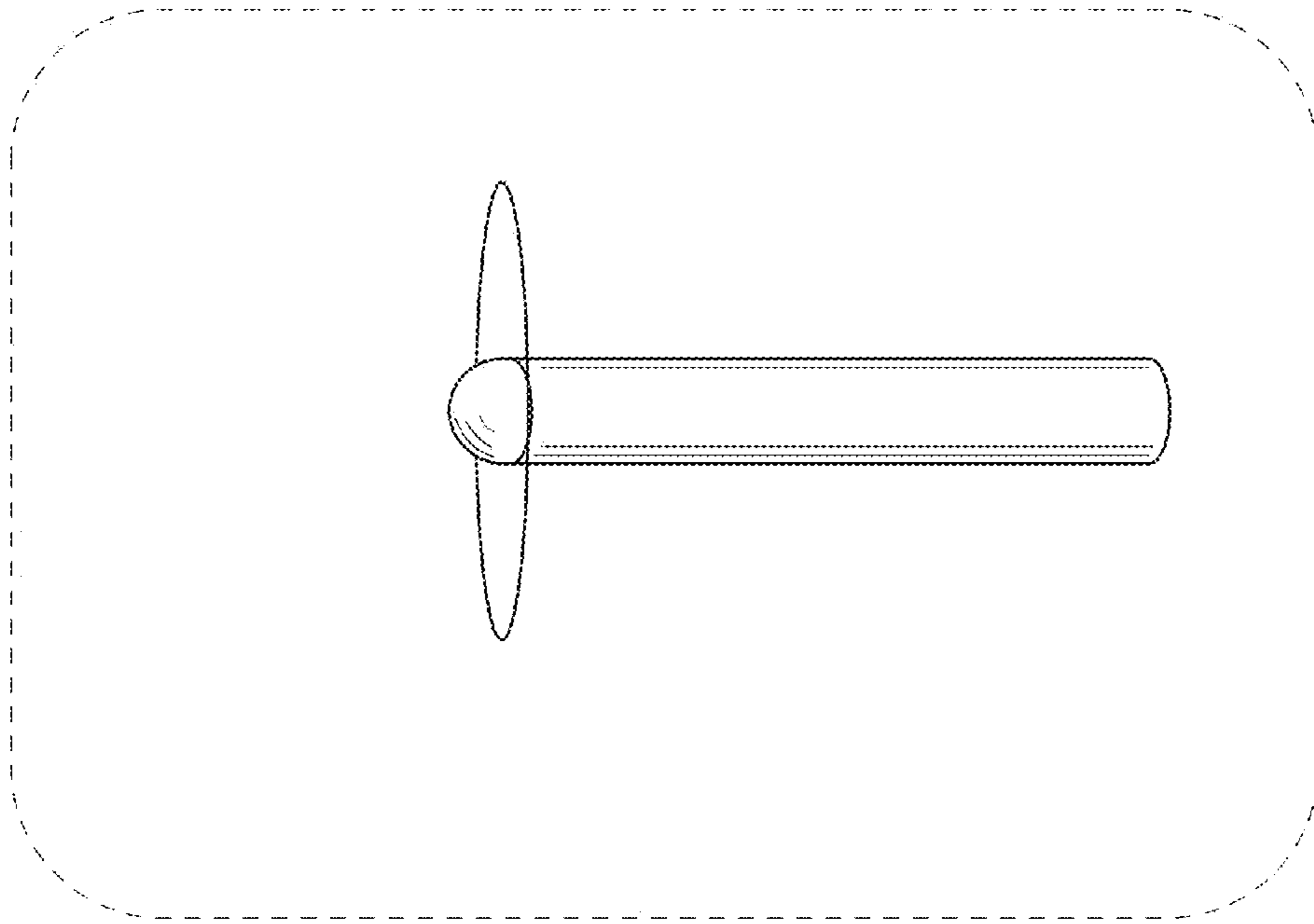


FIG.21

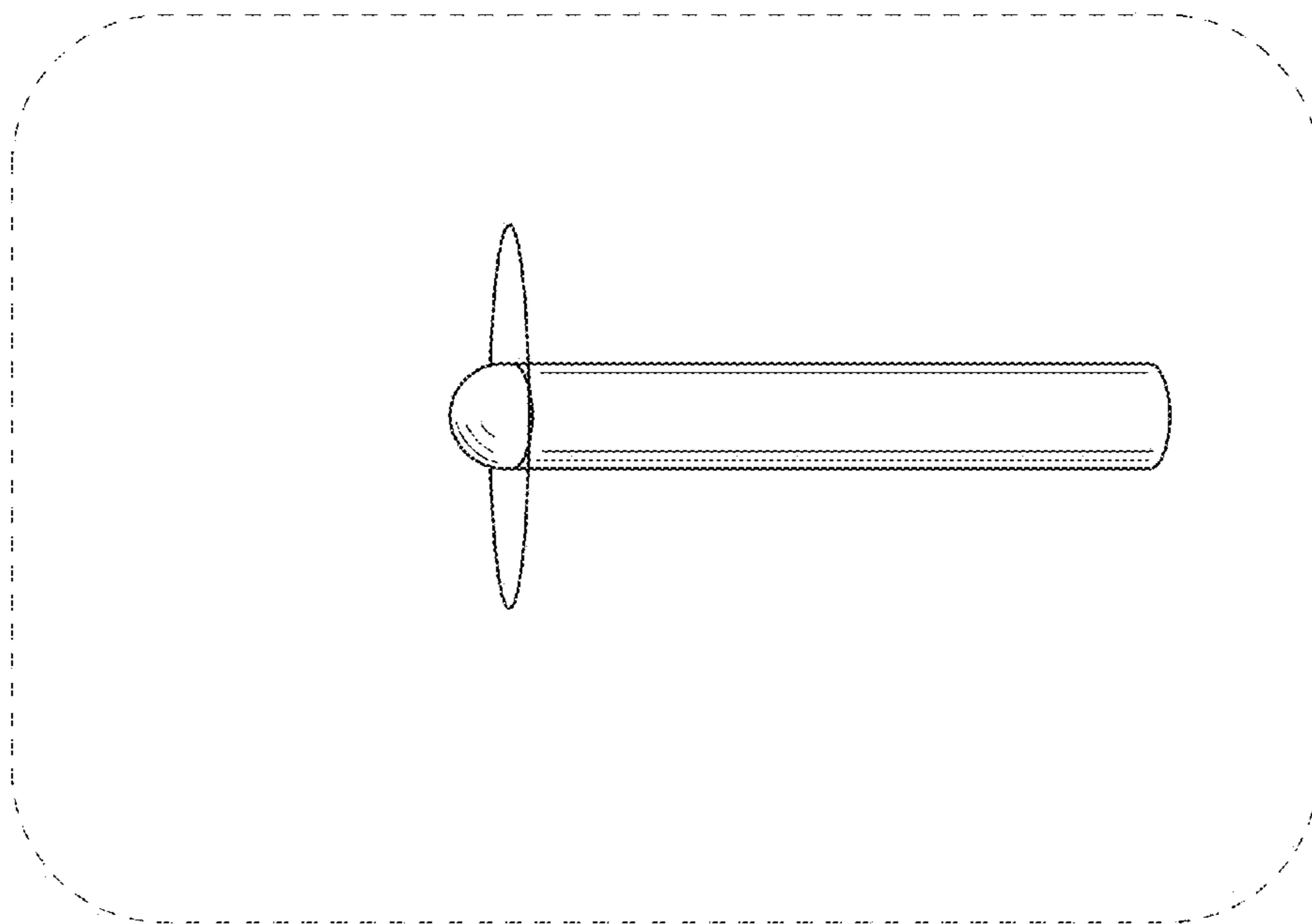


FIG.22

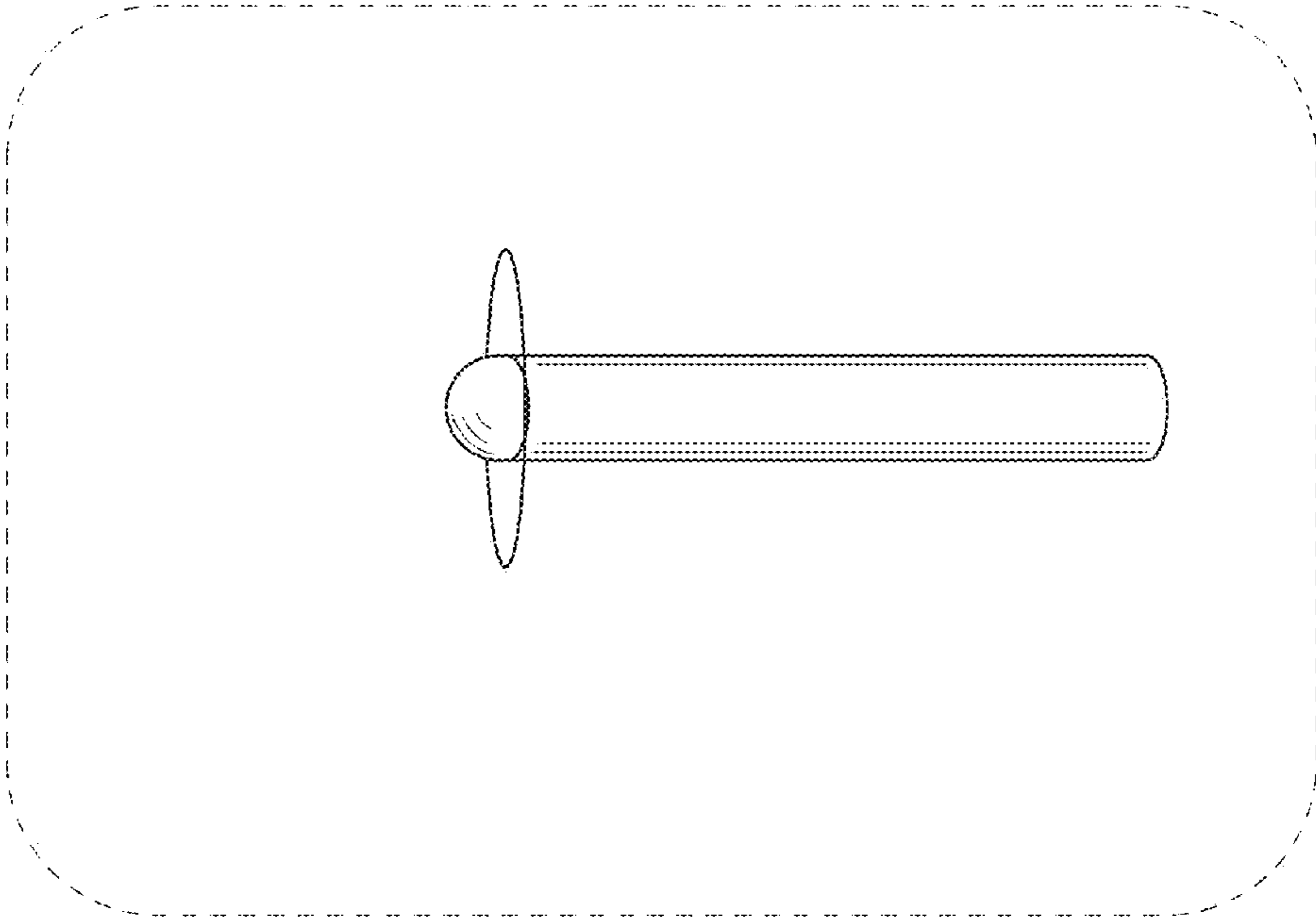


FIG.23

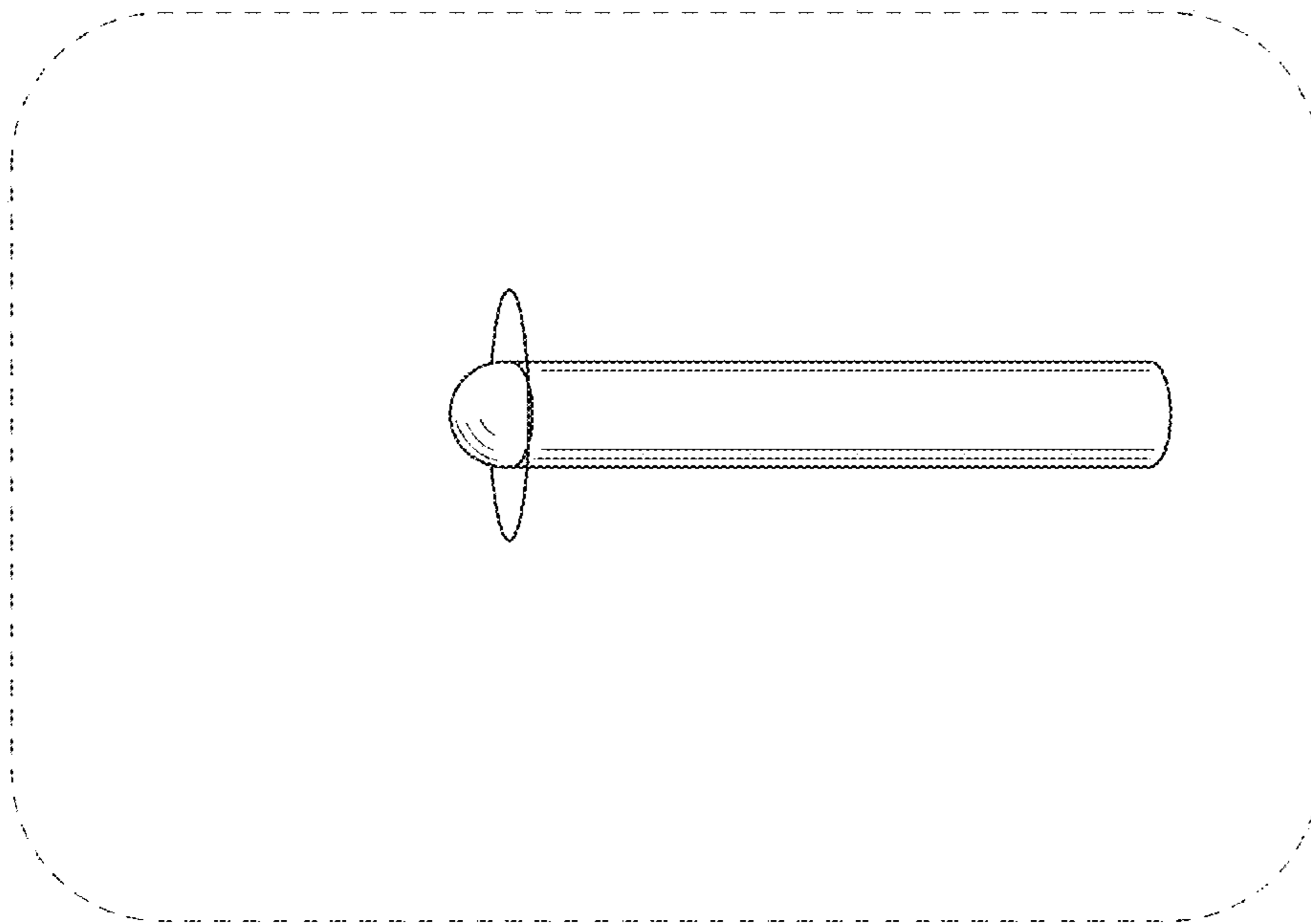


FIG.24



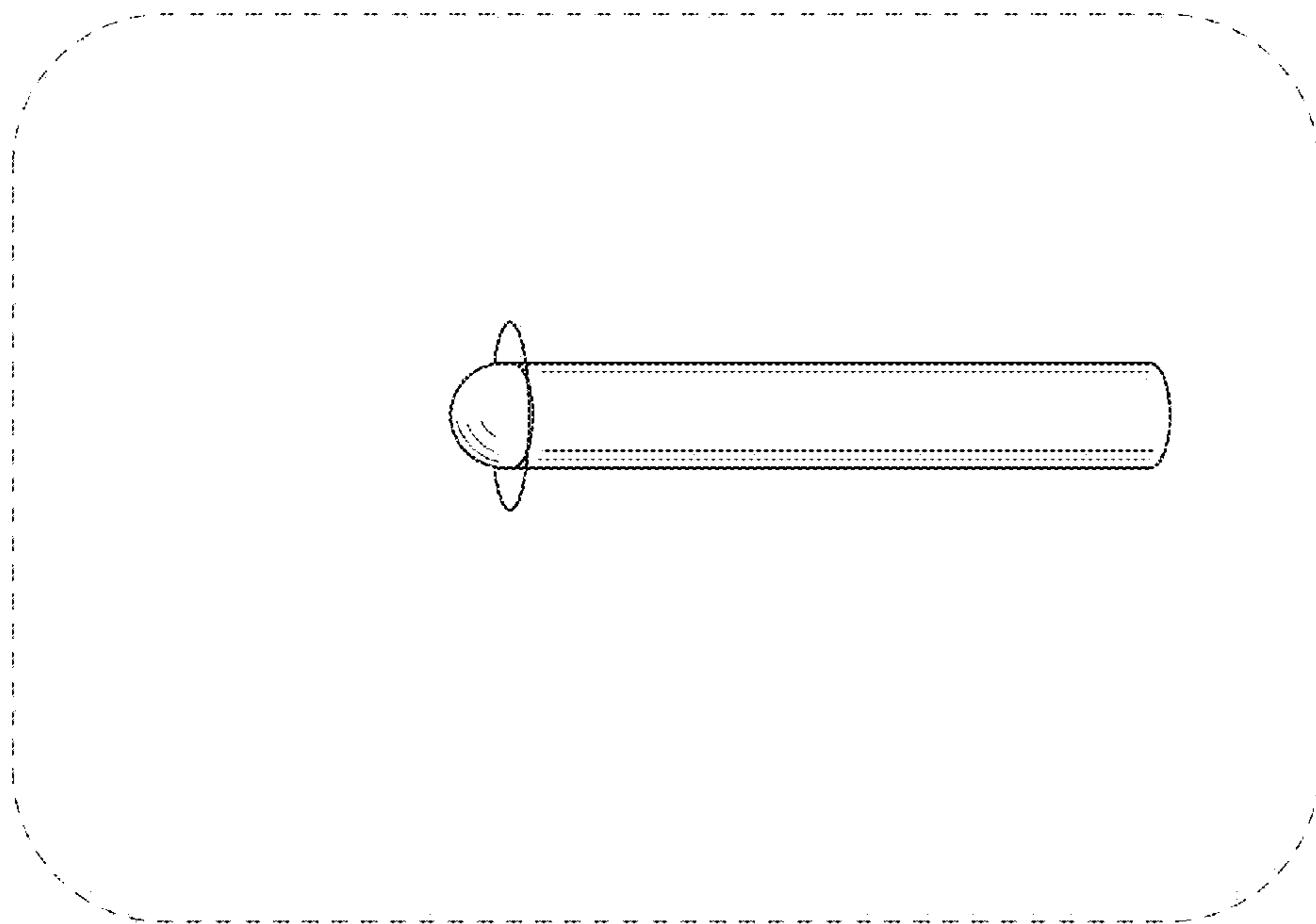


FIG.25

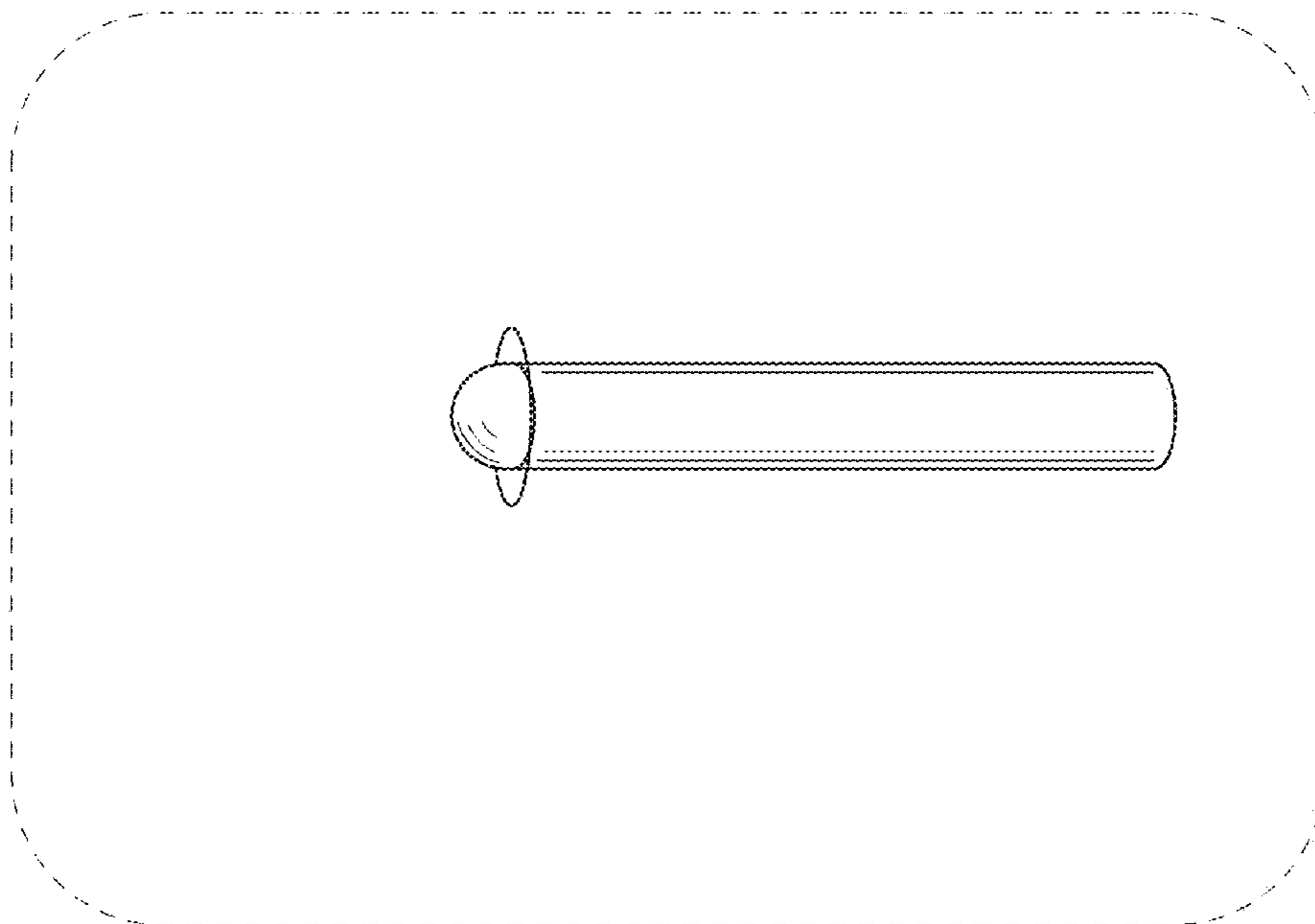


FIG.26

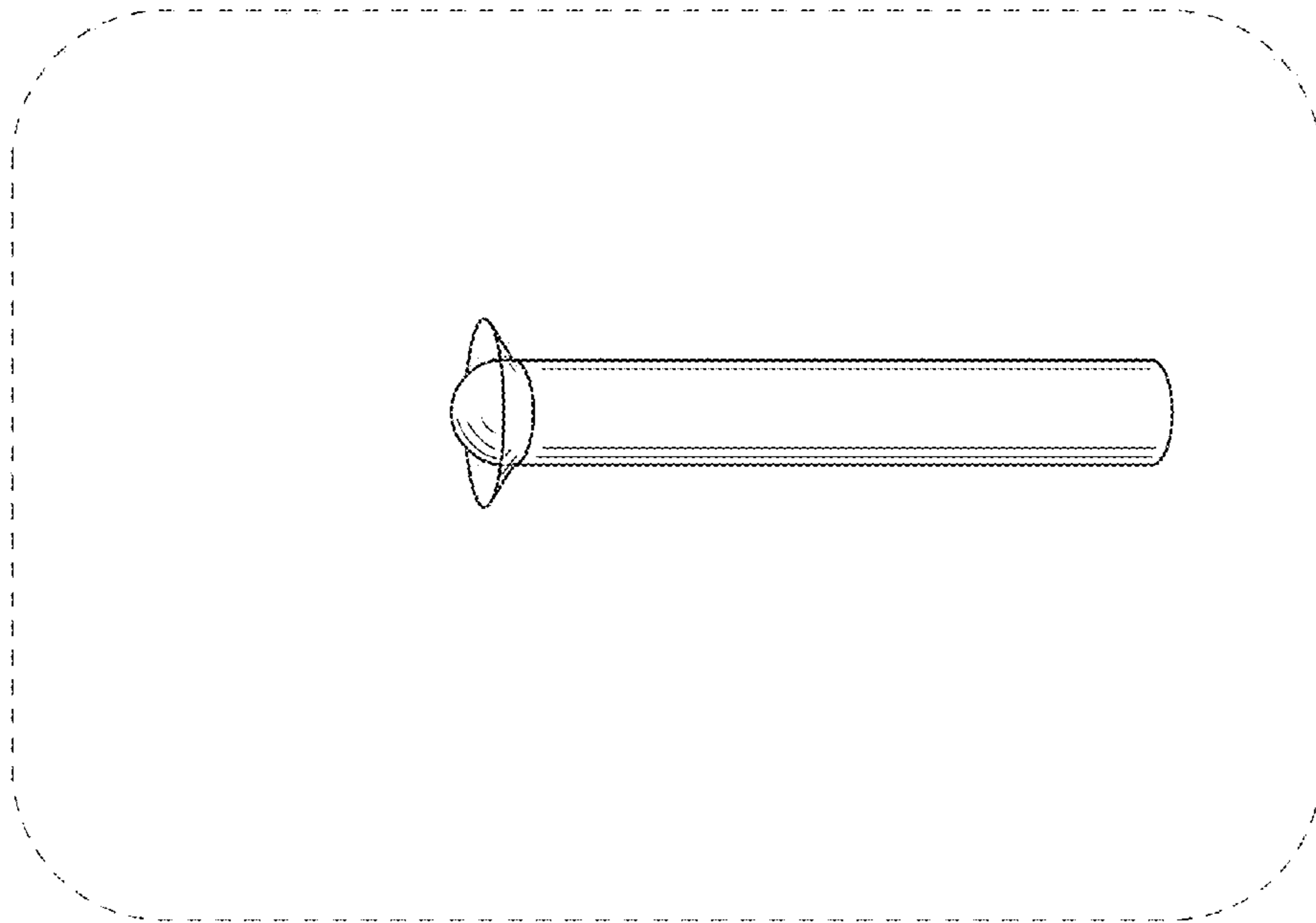


FIG.27

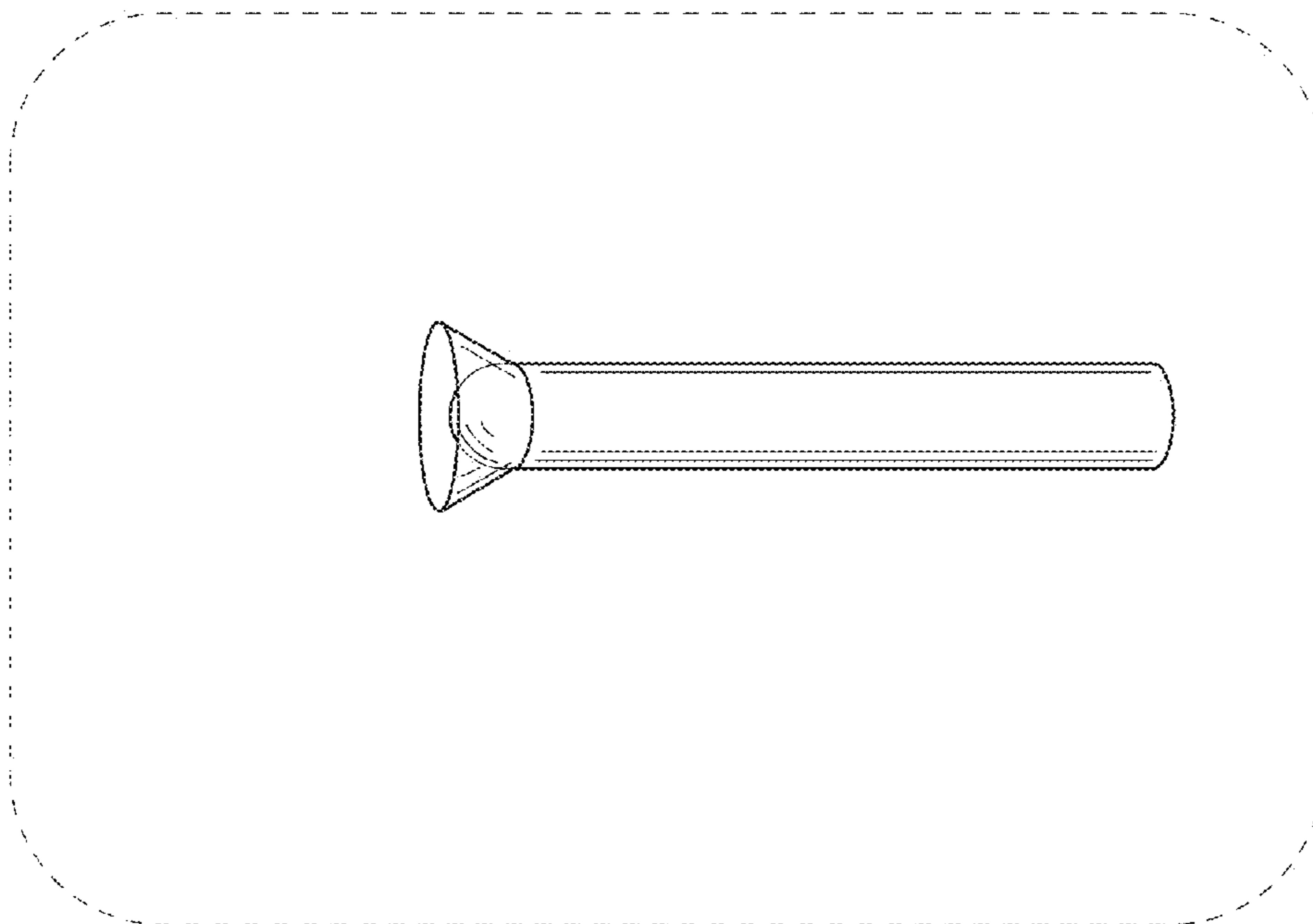


FIG.28

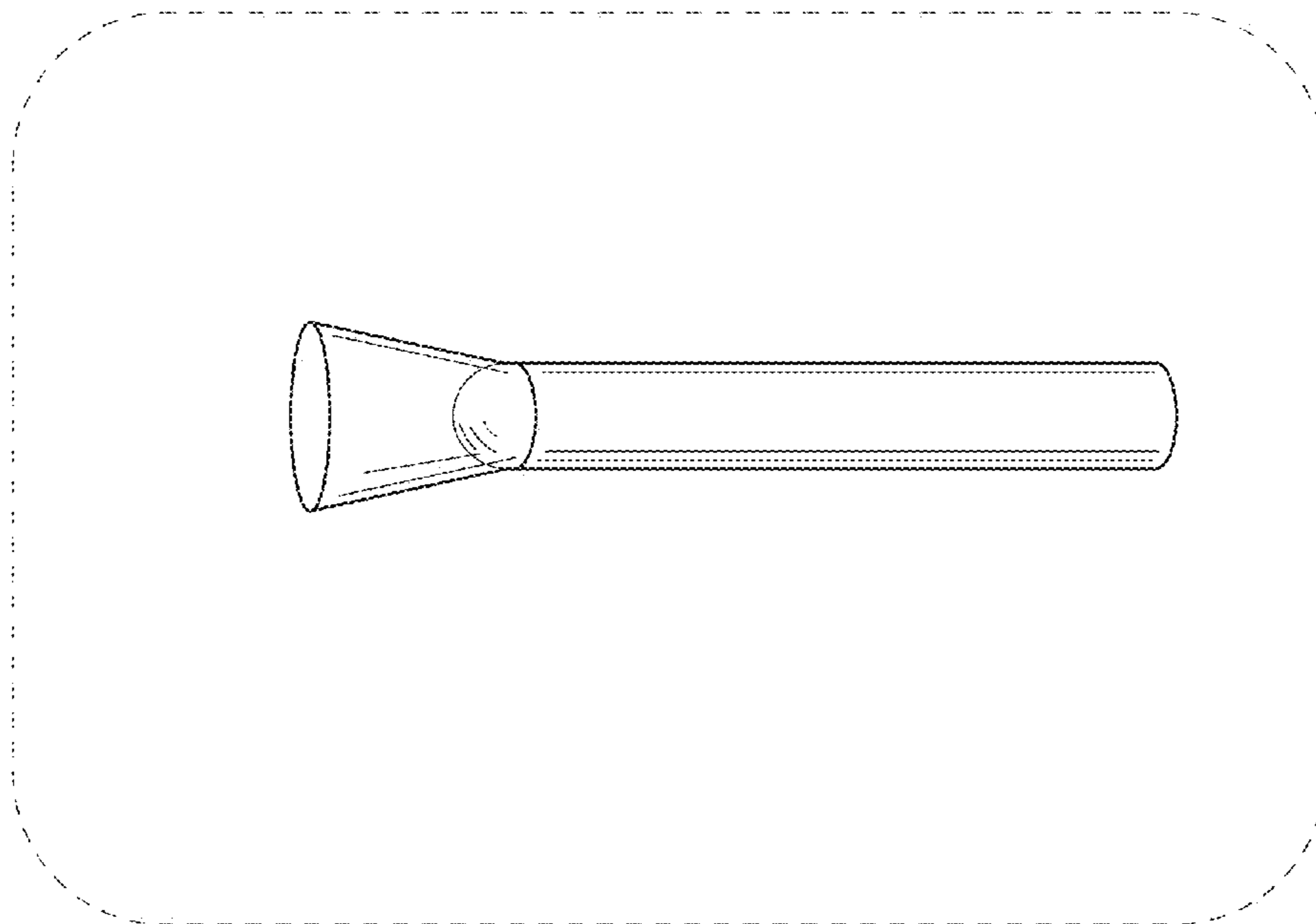


FIG.29

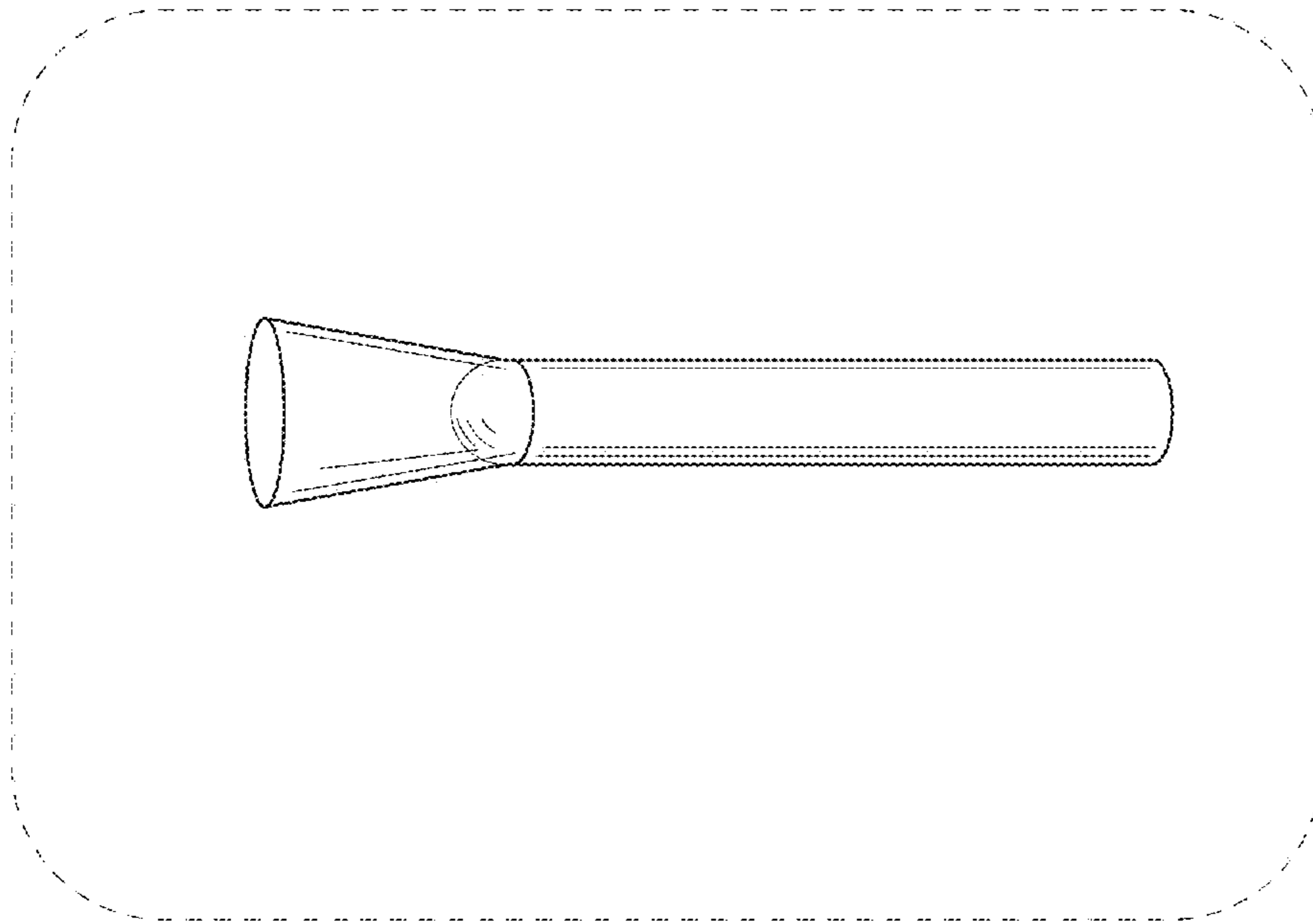


FIG.30



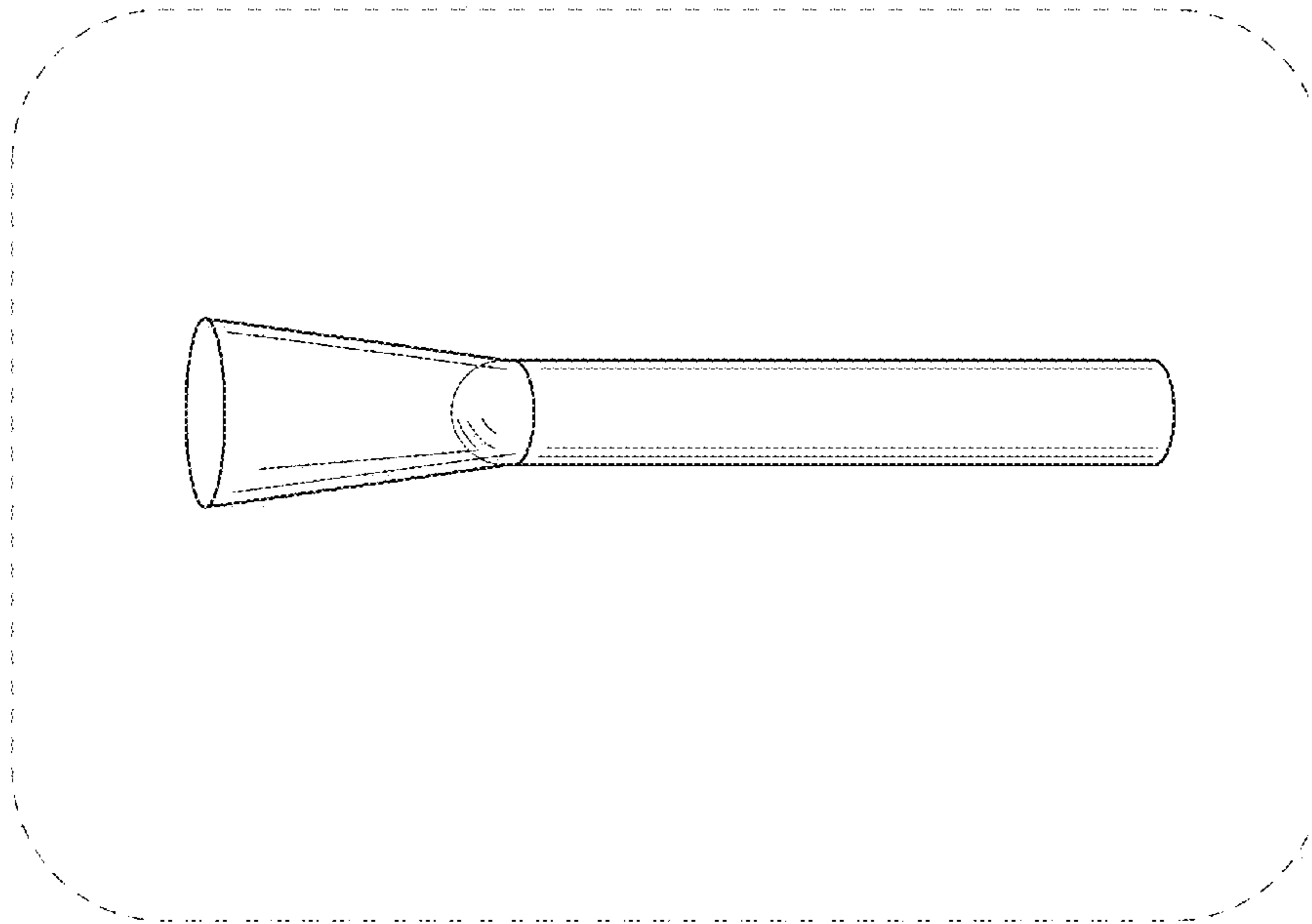


FIG.31

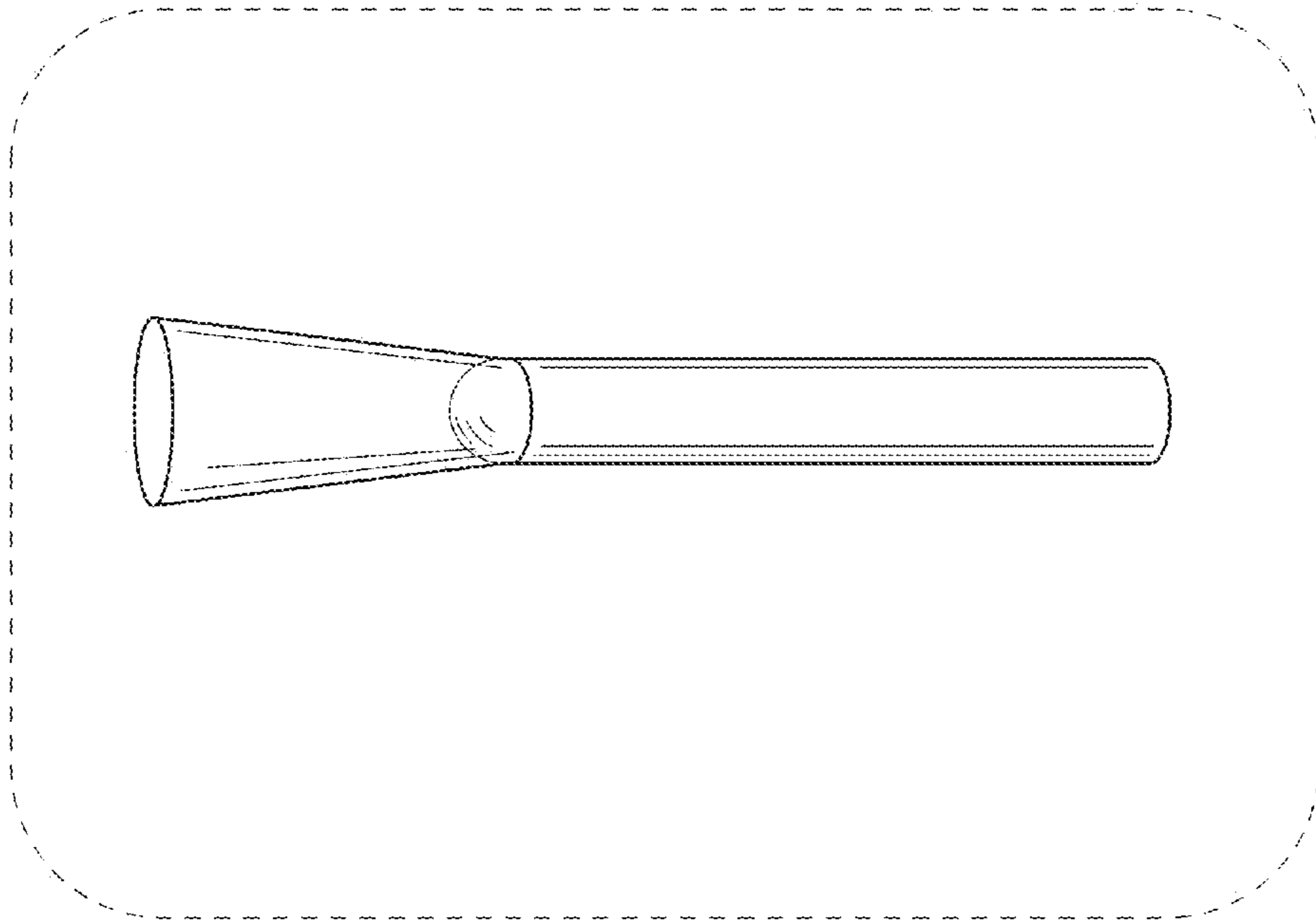


FIG.32