US00D880872S

(12) **United States Design Patent**
Burditt

(10) **Patent No.: US D880,872 S**
(45) **Date of Patent: ** Apr. 14, 2020**

(54) **TAPERED BRUSH HANDLE**

(71) Applicant: **HCT GROUP HOLDINGS LIMITED**, Central (CN)

(72) Inventor: **Stephen Charles Burditt**, Los Angeles, CA (US)

(73) Assignee: **HCT GROUP HOLDINGS LIMITED**, Hong Kong (HK)

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

(21) Appl. No.: **29/640,463**

(22) Filed: **Mar. 14, 2018**

(51) **LOC (12) Cl.** **04-02**

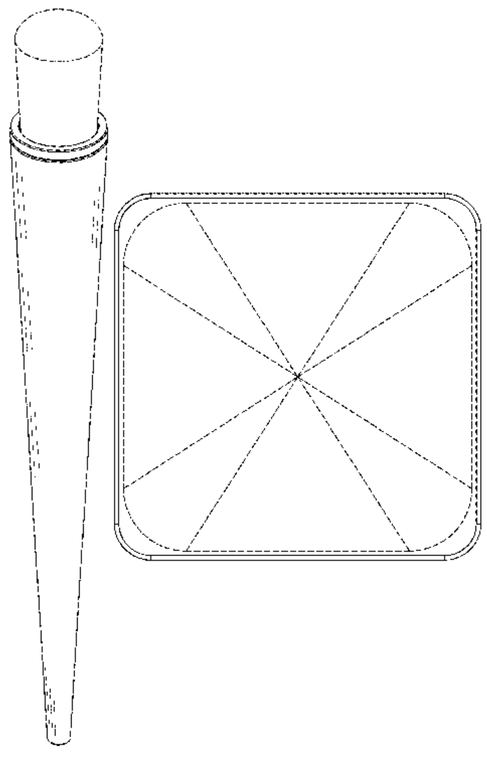
(52) **U.S. Cl.**
USPC **D4/138**; D4/135

(58) **Field of Classification Search**
USPC D4/130, 132, 133, 134, 135, 138, 199, D4/127; D28/7
CPC A46B 5/02; A46B 9/021; A46B 2200/1046
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

715,881	A		12/1902	Scott
783,937	A		2/1905	Edwards et al.
987,277	A		3/1911	Wright
1,030,440	A		6/1912	Waterman
1,065,879	A		6/1913	Krebs
1,067,596	A		7/1913	Fesler
1,112,193	A		9/1914	Carleton et al.
1,142,698	A		6/1915	Grove et al.
1,170,923	A		2/1916	Malkin
1,185,617	A		6/1916	Blaha et al.
1,188,214	A		6/1916	Sohn
1,190,227	A		7/1916	Fesler
D51,319	S		10/1917	Montgomery
1,261,502	A		4/1918	Farrows
1,274,697	A		8/1918	Dynowsky
D52,908	S	*	1/1919	Channett D4/132
1,355,026	A		10/1920	Austin
1,358,597	A		11/1920	Tobias
1,429,823	A		9/1922	Allison
1,457,615	A		6/1923	Bunker
1,506,292	A		8/1924	Corsello
1,510,898	A		10/1924	Nikicser
1,563,031	A		11/1925	Jones
1,626,992	A		5/1927	Willk
1,639,388	A		8/1927	Stebbings
1,651,355	A		12/1927	Alland
1,659,800	A		2/1928	Bailey
1,831,393	A		11/1931	Pierce, Jr.
1,889,496	A		11/1932	Priest
2,104,651	A		1/1938	Hoffman, Jr.
2,132,943	A		10/1938	Frazier
D134,797	S		1/1943	Lubkin
2,321,265	A		6/1943	Ulvick
2,442,051	A		5/1948	Luscri
2,485,822	A		10/1949	Goldrich
2,591,537	A		4/1952	Gordon
2,637,060	A		5/1953	Cowan
2,637,868	A		5/1953	Hamilton
2,697,642	A		12/1954	Rudy
2,701,378	A		2/1955	Reinbolt et al.
2,736,051	A		2/1956	Boodakian
2,825,080	A		3/1958	Bongiovanni
2,866,993	A		1/1959	Edelstone
2,874,399	A		2/1959	Solomon
2,946,072	A		7/1960	Filler et al.
2,982,983	A		5/1961	Peterson
3,007,188	A		11/1961	Dolan
3,097,386	A	*	7/1963	Marani A45D 40/28 15/167.1
3,106,738	A		10/1963	Bohne
3,193,863	A		7/1965	Myers et al.
3,205,523	A		9/1965	Seaver
D204,449	S		4/1966	Zavodsky
3,276,062	A	*	10/1966	Palumbo B01L 99/00 15/104.94
3,309,728	A		3/1967	Seaver
3,592,202	A		7/1971	Jones
D222,026	S	*	9/1971	Johnson D4/137
3,863,288	A		2/1975	Aversa
3,908,676	A		9/1975	Levine et al.
D245,462	S		8/1977	Hauf
4,088,413	A		5/1978	Rossignol de la Ronde et al.
D249,600	S		9/1978	Bowman
4,129,918	A		12/1978	Lee et al.
4,165,755	A		8/1979	Cassai
4,204,294	A		5/1980	Halverson
D258,241	S		2/1981	Takada et al.
4,248,543	A		2/1981	Carrington et al.
4,428,388	A		1/1984	Cassai et al.
4,446,880	A		5/1984	Gueret et al.
4,483,036	A		11/1984	Sayklay
4,502,497	A		3/1985	Siahou et al.



D278,951	S		5/1985	Kalinsky	
D280,248	S	*	8/1985	Hanson, Jr.	D32/50
4,600,328	A		7/1986	Clements	
4,727,618	A		3/1988	Mahoney et al.	
D297,889	S		10/1988	Ries et al.	
4,898,193	A		2/1990	Gueret et al.	
4,906,120	A		3/1990	Sekiguchi et al.	
4,917,132	A		4/1990	Tuchman	
4,927,281	A		5/1990	Gueret et al.	
D310,917	S		10/1990	Futter	
5,063,947	A		11/1991	Gueret et al.	
5,137,038	A		8/1992	Kingsford et al.	
5,153,066	A		10/1992	Tanaka et al.	
5,165,760	A		11/1992	Gueret et al.	
D333,920	S	*	3/1993	Vetter	401/37
D333,921	S	*	3/1993	Vetter	D4/118
5,211,494	A		5/1993	Baijnath et al.	
5,220,702	A		6/1993	Howell et al.	
5,301,695	A		4/1994	Wong	
5,328,282	A		7/1994	Charrier et al.	
5,339,483	A		8/1994	Byun et al.	
5,388,599	A		2/1995	Yen et al.	
D362,965	S		10/1995	Tastanis	
5,482,059	A		1/1996	Miraglia	
5,491,865	A		2/1996	Gueret	
5,507,063	A		4/1996	Hirsch	
5,535,474	A		7/1996	Salazar	
5,588,447	A		12/1996	Gueret	
5,596,785	A		1/1997	Park	
D380,615	S		7/1997	Roberts	
5,690,441	A		11/1997	McManus	
5,778,479	A		7/1998	Raia	
5,802,658	A		9/1998	Ward	
5,862,559	A	*	1/1999	Hunter	A46B 7/08 15/167.1
5,960,745	A		10/1999	Boyland	
5,992,423	A		11/1999	Tevolini	
6,026,824	A		2/2000	Gueret	
D421,846	S		3/2000	Choe	
6,039,051	A		3/2000	Dorf	
D423,792	S	*	5/2000	Amante	D4/133
D425,794	S		5/2000	Grossnickle	
6,059,474	A		5/2000	Huang	
6,070,597	A		6/2000	Motherhead	
D434,187	S		11/2000	Schoon et al.	
6,145,151	A		11/2000	Herron et al.	
6,145,514	A		11/2000	Clay et al.	
6,158,443	A		12/2000	Leman et al.	
6,164,857	A		12/2000	Wolfarth-Brooks et al.	
D439,415	S		3/2001	Mink et al.	
D442,369	S		5/2001	Damiano	
6,224,287	B1		5/2001	Gieux	
6,226,828	B1		5/2001	Lin	
6,234,181	B1		5/2001	Lou	
6,269,515	B1		8/2001	Varma	
D448,178	S		9/2001	Tapley et al.	
6,298,863	B1		10/2001	Byun	
6,309,125	B1		10/2001	Peters	
D450,189	S		11/2001	Mink et al.	
D450,930	S		11/2001	Mink et al.	
D450,931	S		11/2001	Mink et al.	
6,311,358	B1		11/2001	Soetewey et al.	
6,312,182	B1		11/2001	Dumler	
D451,681	S		12/2001	Mink et al.	
D454,001	S		3/2002	Mink et al.	
6,363,948	B2		4/2002	Choi	
6,401,290	B1		6/2002	Barton et al.	
6,405,402	B1		6/2002	Choi	
6,418,939	B1		7/2002	Byun	
6,438,784	B1		8/2002	Yu	
D471,018	S		3/2003	Mink	
D473,717	S	*	4/2003	Park	D4/120
D479,917	S		9/2003	Mink	
D479,918	S		9/2003	Mink	
D480,218	S		10/2003	Mink	
6,669,389	B2		12/2003	Gueret	
D485,442	S		1/2004	Twigg	
6,832,405	B1		12/2004	Miller	
6,880,197	B2		4/2005	Katz et al.	
6,898,818	B2		5/2005	Lin	
D506,069	S		6/2005	Woods	
6,935,802	B1		8/2005	Byun	
6,957,468	B2		10/2005	Driesen et al.	
6,974,513	B2		12/2005	Kepka	
7,096,598	B1		8/2006	Myatt	
D527,529	S		9/2006	Ajluni et al.	
D528,305	S		9/2006	Langer	
7,101,107	B1		9/2006	Byun	
7,107,645	B2		9/2006	Bressler et al.	
7,111,354	B2		9/2006	Nennig et al.	
D529,292	S		10/2006	Langer	
7,127,770	B2		10/2006	Clegg et al.	
7,159,950	B2		1/2007	Young-Chul	
7,201,527	B2		4/2007	Thorpe et al.	
7,234,474	B2		6/2007	Byun	
7,275,885	B2		10/2007	Byun	
D562,005	S		2/2008	King	
D562,566	S		2/2008	Mink	
7,344,327	B2		3/2008	Gueret	
D566,969	S		4/2008	Sherman et al.	
D568,050	S		5/2008	Huang	
D571,105	S		6/2008	Godin	
7,429,141	B2		9/2008	Habatjou	
7,465,113	B2		12/2008	Gueret	
D584,897	S		1/2009	Belley	
D601,804	S		10/2009	Hwang	
7,653,960	B2		2/2010	Lee	
D612,615	S		3/2010	Chitayat et al.	
7,716,775	B2		5/2010	DiPietro et al.	
D626,338	S		11/2010	Ajootian	
D630,437	S	*	1/2011	Carey	D4/116
7,866,758	B2		1/2011	Jang	
D631,666	S		2/2011	Lim	
D632,488	S		2/2011	Twigg	
7,895,696	B2		3/2011	Belmonte	
7,895,698	B2		3/2011	Mink	
7,918,620	B2		4/2011	Del Ponte	
7,950,402	B1		5/2011	Cole	
7,996,947	B2		8/2011	Gueret	
8,074,666	B2		12/2011	Piao	
D651,409	S		1/2012	Papenfu	
8,104,132	B2		1/2012	Mink	
8,117,707	B1		2/2012	Ruh, II	
8,132,285	B2		3/2012	Piao	
8,132,541	B1		3/2012	Baer, Jr.	
D658,385	S		5/2012	Lim et al.	
D658,389	S		5/2012	Salgatar	
8,185,998	B2		5/2012	Xu	
8,220,469	B1		7/2012	Spagnuolo	
8,230,543	B2		7/2012	Shrier et al.	
8,251,074	B2		8/2012	Pires et al.	
8,256,058	B2		9/2012	Telwar	
8,307,836	B2		11/2012	Pires et al.	
8,321,987	B2		12/2012	Bagley	
8,360,078	B2		1/2013	Lim et al.	
D677,059	S		3/2013	Floyd	
D677,060	S		3/2013	Floyd	
D677,470	S		3/2013	Floyd	
8,402,592	B2		3/2013	Byrne et al.	
D681,342	S		5/2013	Brower	
8,850,652	B2		10/2014	Lim	
D717,548	S		11/2014	Lim	
8,881,745	B2		11/2014	Pires et al.	
8,899,243	B2		12/2014	Pires et al.	
D725,912	S		4/2015	Sims et al.	
9,015,892	B1	*	4/2015	Figel	A47K 7/024 15/160
D730,062	S		5/2015	Lim	
D739,148	S		9/2015	Lim	
9,217,221	B2	*	12/2015	Catoe	A46B 5/02
D767,903	S		10/2016	Lim	
D778,069	S		2/2017	Lim	
D801,057	S	*	10/2017	Xavier	D4/135
D801,058	S	*	10/2017	Xavier	D4/135
D814,197	S	*	4/2018	Salm	D4/138
D818,277	S	*	5/2018	Jain	D4/135
D835,419	S	*	12/2018	Lim	D4/135
2002/0078902	A1		6/2002	Ehrmann	

2002/0148058	A1	10/2002	Greenwood et al.	
2003/0005533	A1	1/2003	Woodnorth et al.	
2003/0035953	A1	2/2003	Weihrauch	
2003/0066151	A1	4/2003	Chang	
2003/0088932	A1*	5/2003	Gardiner	A46B 5/02 15/167.1
2003/0110585	A1	6/2003	Rechelbacher	
2004/0134009	A1	7/2004	Sander et al.	
2004/0168700	A1	9/2004	Dorf	
2005/0011030	A1	1/2005	Gonzalez	
2005/0031401	A1	2/2005	Gueret	
2005/0198759	A1	9/2005	Segrea	
2005/0273962	A1	12/2005	Dillon	
2006/0026783	A1	2/2006	McKay	
2006/0150355	A1	7/2006	Mason et al.	
2006/0162736	A1	7/2006	Gray	
2006/0254012	A1	11/2006	Konishi	
2006/0272668	A1	12/2006	Wyatt et al.	
2007/0034224	A1	2/2007	Dumler	
2007/0124882	A1	6/2007	Lee	
2007/0151061	A1	7/2007	Mink et al.	
2007/0199575	A1	8/2007	Del Ponte	
2007/0289602	A1	12/2007	Simmons	
2007/0295351	A1	12/2007	Germer	
2008/0060668	A1	3/2008	Legassie	
2008/0256733	A1	10/2008	Brown	
2008/0276396	A1	11/2008	Lucero	
2009/0041530	A1	2/2009	Deans	
2009/0089949	A1	4/2009	Mink et al.	
2009/0119863	A1	5/2009	Gallegos	
2009/0183328	A1	7/2009	King	
2009/0260172	A1	10/2009	Weiss	
2010/0017990	A1	1/2010	Piao	
2010/0037407	A1	2/2010	Telwar	
2010/0043815	A1	2/2010	Levy et al.	
2010/0059080	A1	3/2010	Gueret	
2010/0236004	A1	9/2010	Ku	
2011/0056505	A1	3/2011	Parkinson et al.	
2011/0083690	A1	4/2011	Cardenas et al.	
2012/0017930	A1	1/2012	Nance	
2012/0260931	A1	10/2012	Martin et al.	
2012/0272982	A1	11/2012	Telwar et al.	
2012/0298130	A1	11/2012	Telwar	
2013/0017010	A1	1/2013	Liu	
2013/0111683	A1	5/2013	Lim et al.	
2014/0259489	A1	9/2014	Dale	
2014/0325775	A1	11/2014	Nakamura et al.	
2014/0331422	A1	11/2014	Lim	
2014/0331429	A1*	11/2014	Lim	A45D 40/262 15/190
2014/0332027	A1	11/2014	Lim	
2016/0262533	A1*	9/2016	Peters	A46B 15/0095
2017/0188691	A1*	7/2017	Richards	A46B 5/0095
2017/0265626	A1	9/2017	Earl et al.	

FOREIGN PATENT DOCUMENTS

CN	1196212	A	10/1998
CN	201734124	U	2/2011
CN	201734141	U	2/2011
CN	201929278	U	8/2011
CN	304551095	*	3/2018
CN	304569225	*	4/2018
DE	29713124	U1	9/1997
EM	003442771-0002	*	11/2016
EM	003442771-0003	*	11/2016
EM	003442771-0004	*	11/2016
EP	2084986	A2	8/2009
FR	2464674	A1	3/1981
FR	2642283	A1	8/1990
FR	2976463	A1	12/2012
JP	2003033228	A	2/2003
JP	2003135140	A	5/2003
JP	D1218834	*	10/2004
JP	D1343552	*	11/2008
JP	2009172300	A	8/2009
KR	300365471		10/2004
KR	300404554	*	1/2006
KR	300607863		8/2011
WO	9211785	A1	7/1992
WO	2006034815	A2	4/2006
WO	2007117091	A1	10/2007

OTHER PUBLICATIONS

CN 3412782 Registered Design, (Tianjin Samsung Brushes Ltd.) Dec. 22, 2004 [online], [retrieved on Oct. 3, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet. URL: http://www.orbit.com (Year: 2004).*

CN 3412783 Registered Design, (Tianjin Samsung Brushes Ltd.) Dec. 22, 2004 [online], [retrieved on Oct. 3, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet. URL: http://www.orbit.com (Year: 2004).*

CN 3412785 Registered Design, (Tianjin Samsung Brushes Ltd.) Dec. 22, 2004 [online], [retrieved on Oct. 3, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet. URL: http://www.orbit.com (Year: 2004).*

CN 3466155 Registered Design, (Tianjin Samsung Brushes Ltd.) Aug. 10, 2005 [online], [retrieved on Aug. 26, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet. URL: http://www.orbit.com (Year: 2005).*

Launch Pad Mojo Magpro Professional Magnetic Brush Set, Beauty and the Blog [online] [retrieved on Feb. 26, 2015] URL: http://www.beautyandblog.com/2012/01/launch-pad-mojo-magpro-frofessiona..html (Year: 2015).*

All for One, Full Magnetic Travel Brush Set, Sephora, retrieved on Feb. 26, 2015 at <>, 3 pages.

CN 3417893 Registered Design, (Tianjin Samsun Brushes Ltd.) Jan. 12, 2005, [online], [retrieved on Oct. 3, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: http://www.orbit.com.

Everbluec Singapore Beauty Makeup and Skincare Blog, May 14, 2011 [online], Elizabeth Arden makeup blender, [retrieved on Mar. 14, 2015] Retrieved from the Internet: http://everbluec.com/2011/05/ceramide-colors-exclusive-launch-at.html>-.

* cited by examiner

Primary Examiner — Karen E Eldridge Powers
(74) *Attorney, Agent, or Firm* — Seager, Tufte & Wickhem LLP

(57) **CLAIM**

The ornamental design for a tapered brush handle, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a brush with a first tapered handle;

FIG. **2** is a side elevation view of the brush of FIG. **1**, where the brush handle is symmetrical about a longitudinal axis thereof such that a left side elevation view, a right side elevation view, a front elevation view and a back elevation view of the brush of FIG. **1** are identical;

FIG. **3** is an enlarged top plan view of the brush of FIG. **1**;

FIG. **4** is an enlarged bottom plan view of the brush of FIG. **1**;

FIG. **5** is perspective view of a brush with a second tapered handle;

FIG. **6** is a front elevation view of the brush of FIG. **5**, where the back elevation view is a mirror image of the front elevation view;

FIG. **7** is a side elevation view of the apparatus brush of FIG. **5**, where the left side elevation view is a mirror image of the right side elevation view;

FIG. **8** is an enlarged cross-sectional view of the brush of FIG. **5**, taken at line **8-8** in FIG. **6**;
FIG. **9** is an enlarged cross-sectional view of the brush of FIG. **5**, taken at line **9-9** in FIG. **6**;
FIG. **10** is an enlarged top plan view of the brush of FIG. **5**;
FIG. **11** is an enlarged bottom plan view of the brush of FIG. **5**;
FIG. **12** is a perspective view of a brush with a third tapered handle;
FIG. **13** is a side elevation view of the brush of FIG. **12**, where the brush and brush handle are symmetrical about a longitudinal axis thereof such that a left side elevation view, a right side elevation view, a front elevation view, and a back elevation view of the brush of FIG. **12** are identical;
FIG. **14** is an enlarged cross-sectional view of the brush of FIG. **12**, taken at line **14-14** in FIG. **13**;
FIG. **15** is an enlarged cross-sectional view of the brush of FIG. **12**, taken at line **15-15** in FIG. **13**;
FIG. **16** is an enlarged top plan view of the brush of FIG. **12**;
FIG. **17** is an enlarged front elevation view of the brush of FIG. **18**;
FIG. **18** is a perspective view of a brush with a fourth tapered handle;
FIG. **19** is a front elevation view of the brush of FIG. **18**;
FIG. **20** is a back elevation view of the brush of FIG. **18**;
FIG. **21** is a left side elevation view of the brush of FIG. **18**;
FIG. **22** is a right side elevation view of the brush of FIG. **18**;
FIG. **23** is an enlarged cross-sectional view of the brush of FIG. **18**, taken along line **23-23** in FIG. **19**;
FIG. **24** is an enlarged cross-sectional view of the brush of FIG. **18**, taken along line **24-24** in FIG. **19**;
FIG. **25** is an enlarged top plan view of the brush of FIG. **18**; and,
FIG. **26** is an enlarged bottom plan view of the brush of FIG. **18**.

1 Claim, 26 Drawing Sheets

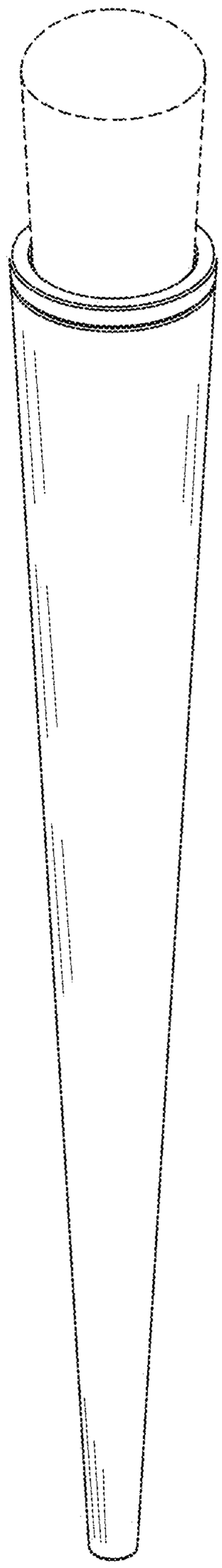


Figure 1

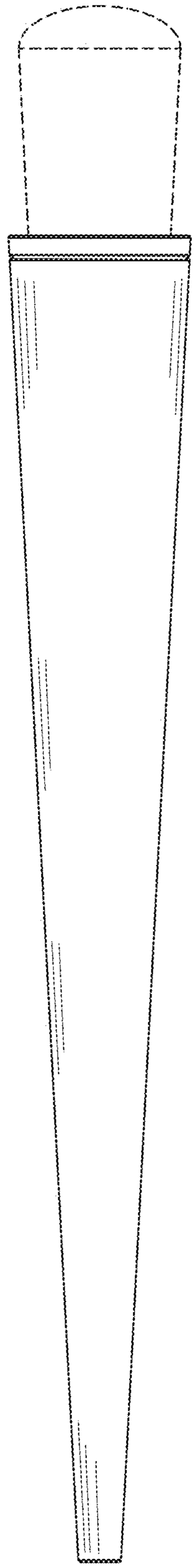


Figure 2

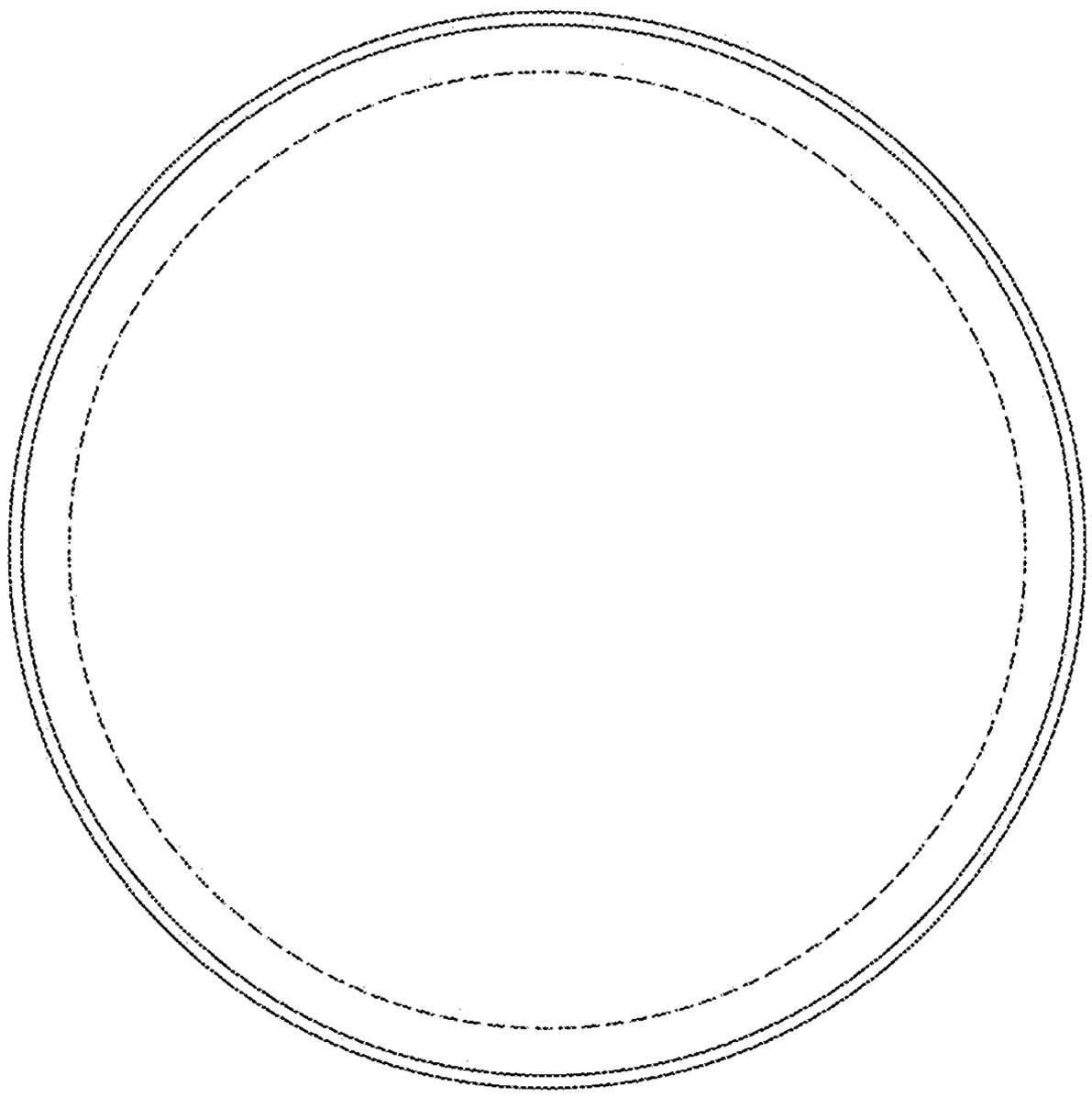


Figure 3

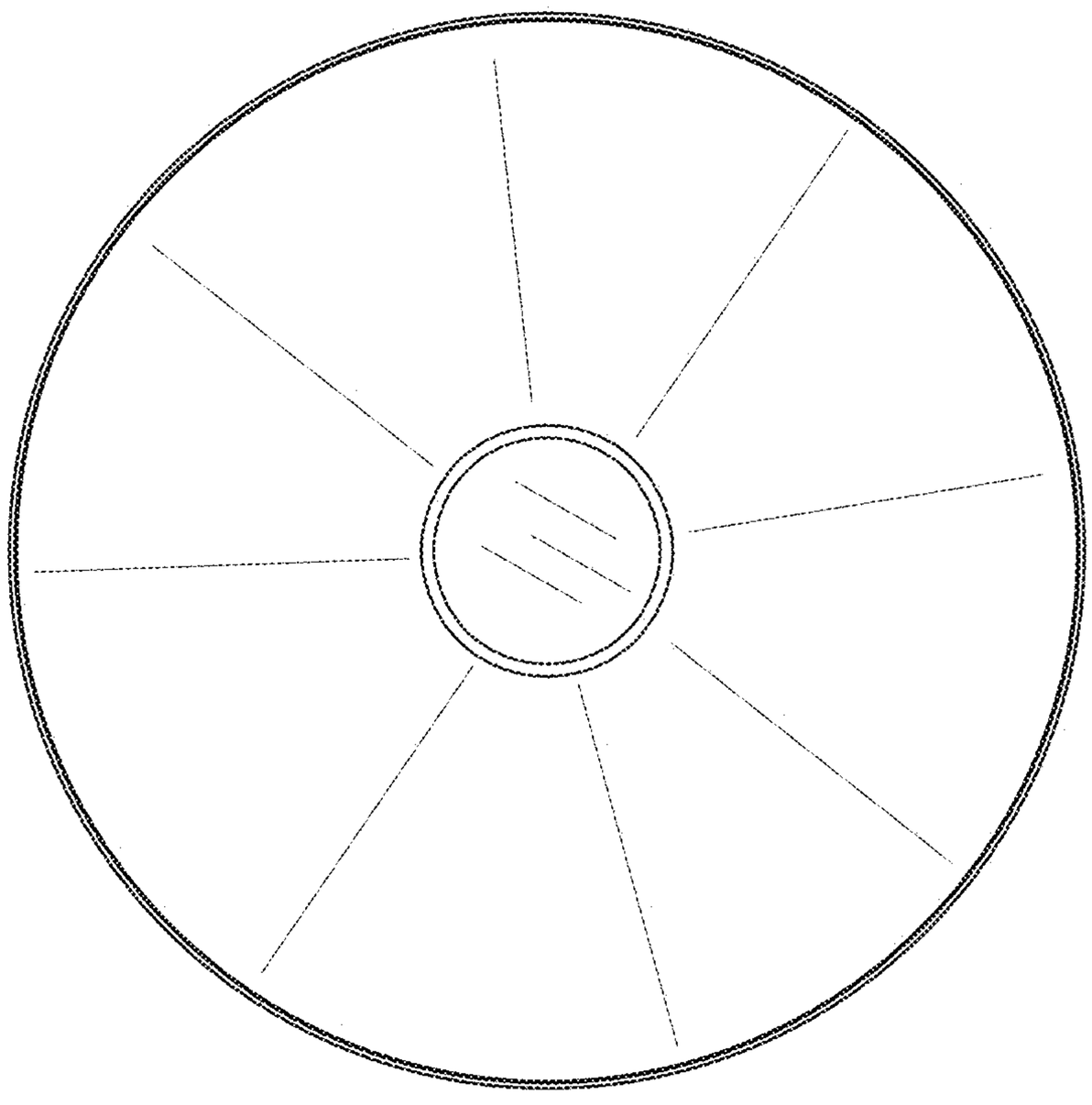


Figure 4

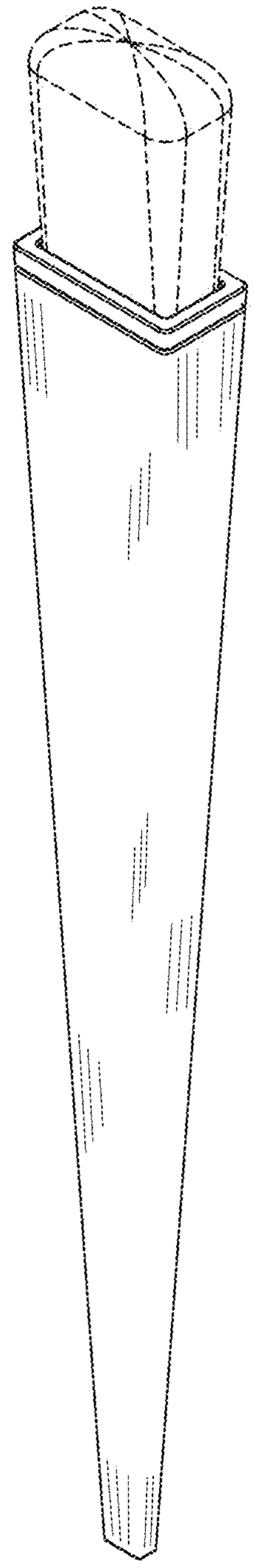


Figure 5

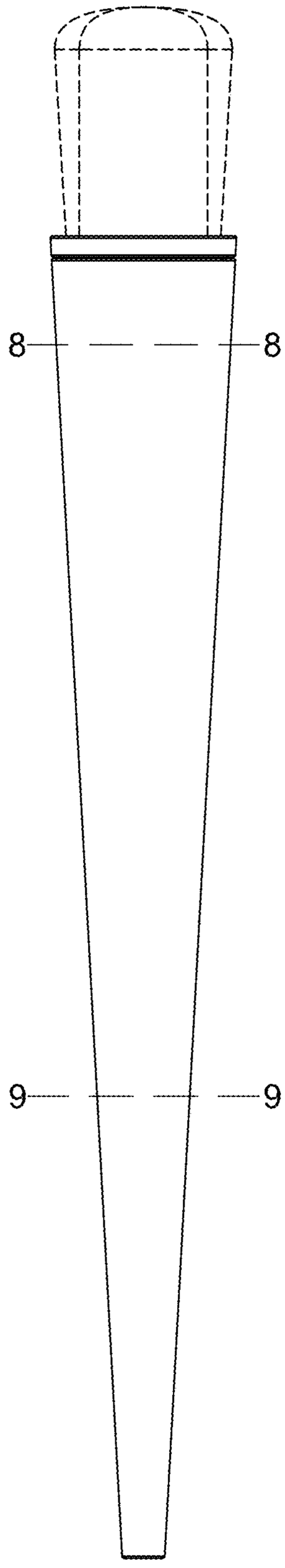


Figure 6

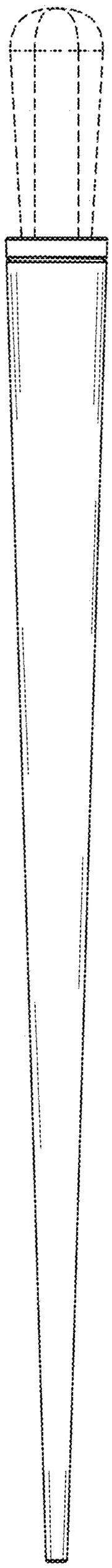


Figure 7

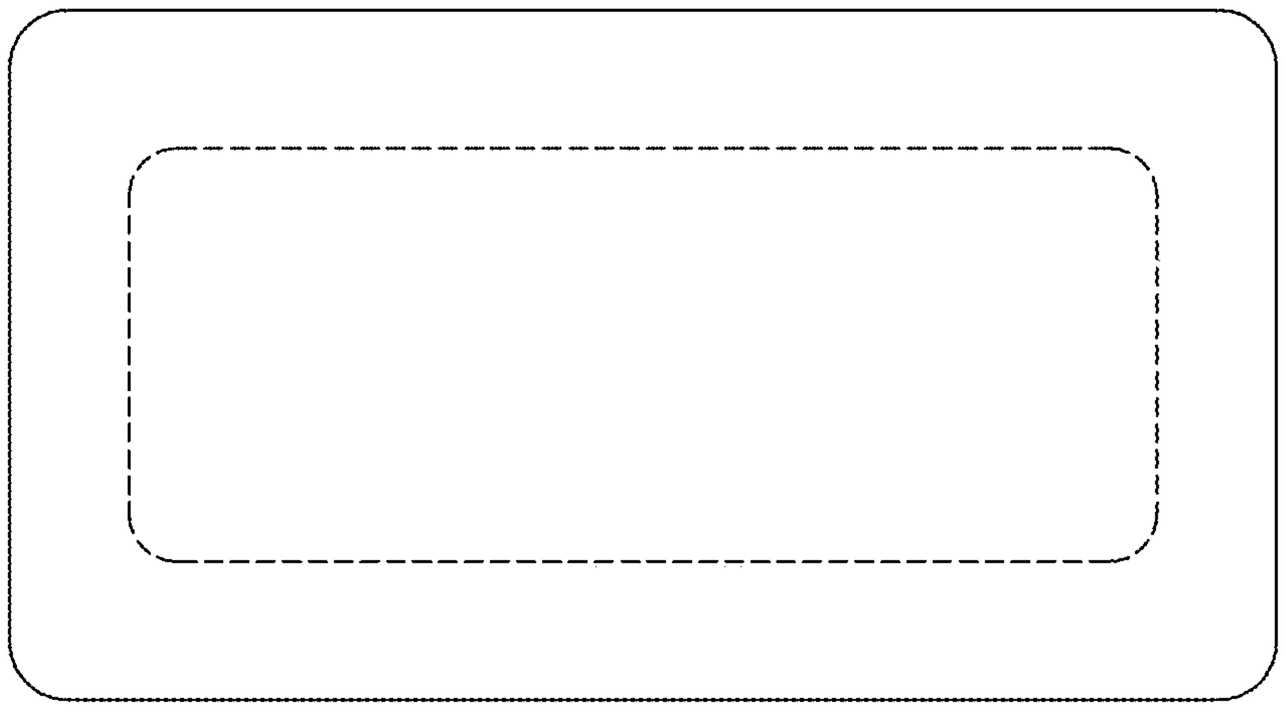


Figure 8

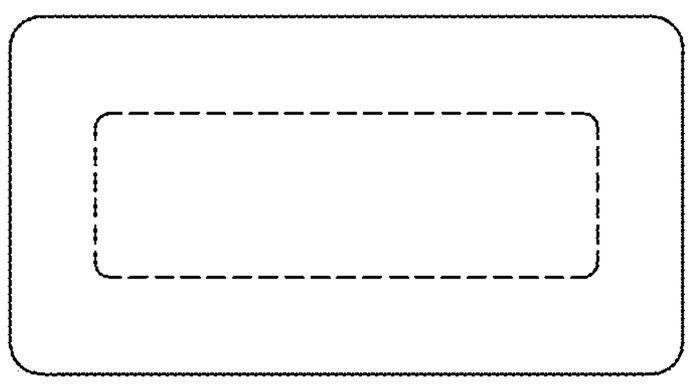


Figure 9

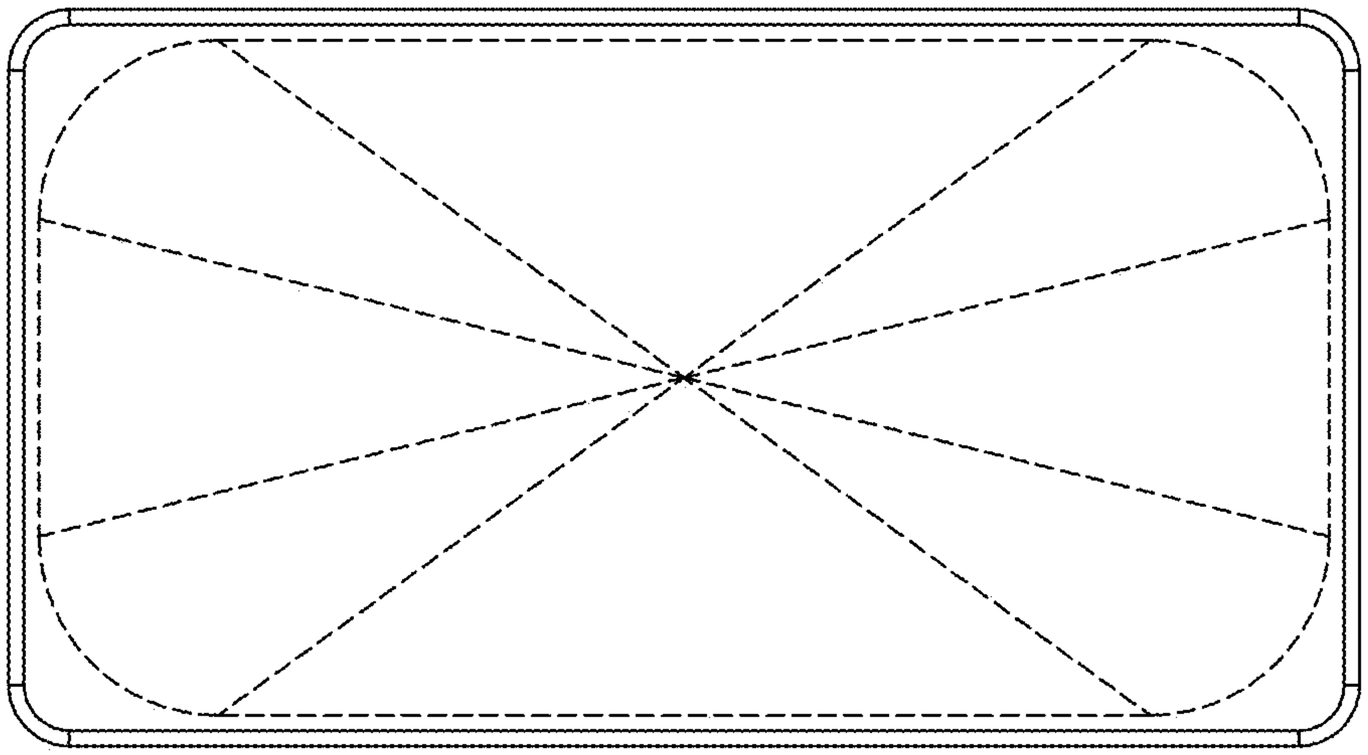


Figure 10

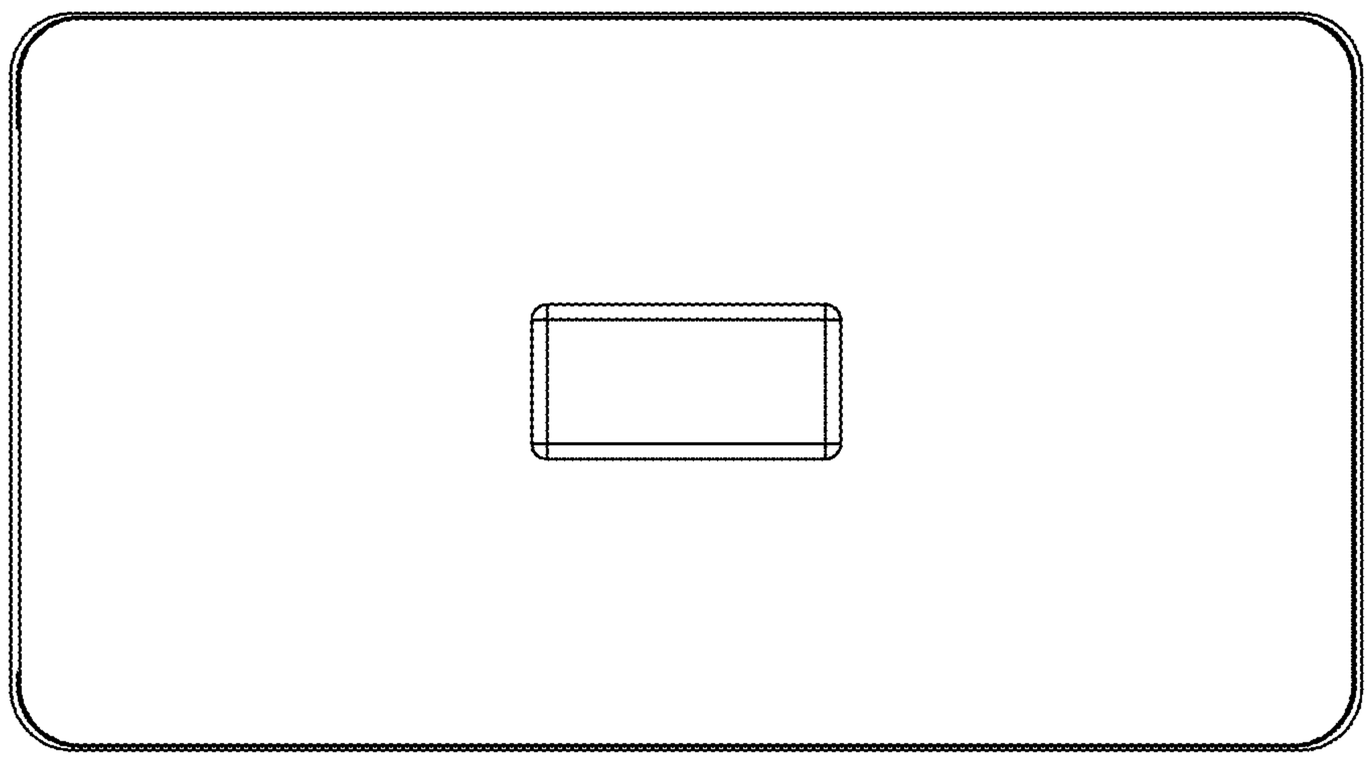


Figure 11

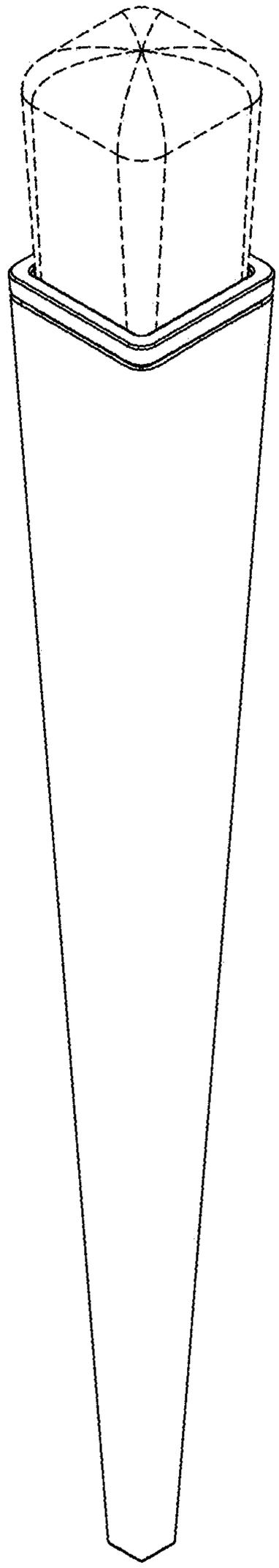


Figure 12

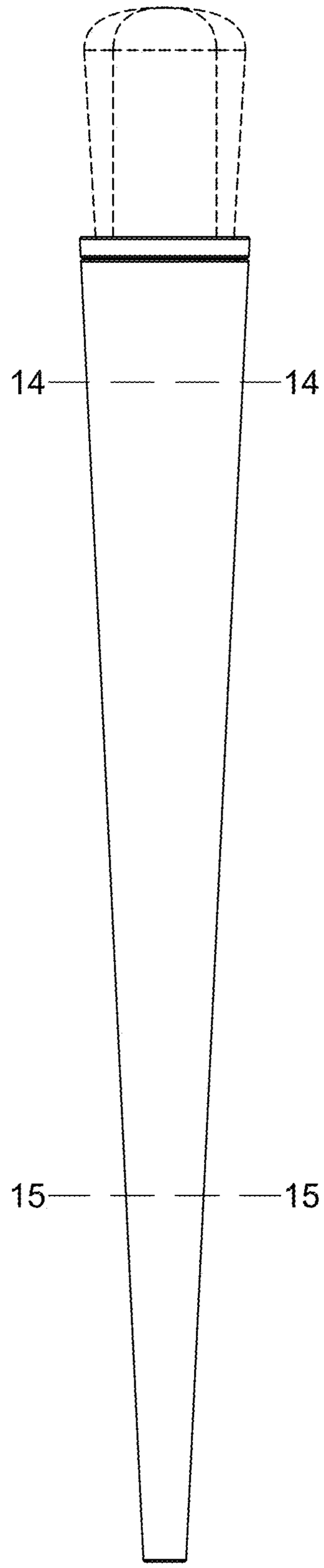


Figure 13

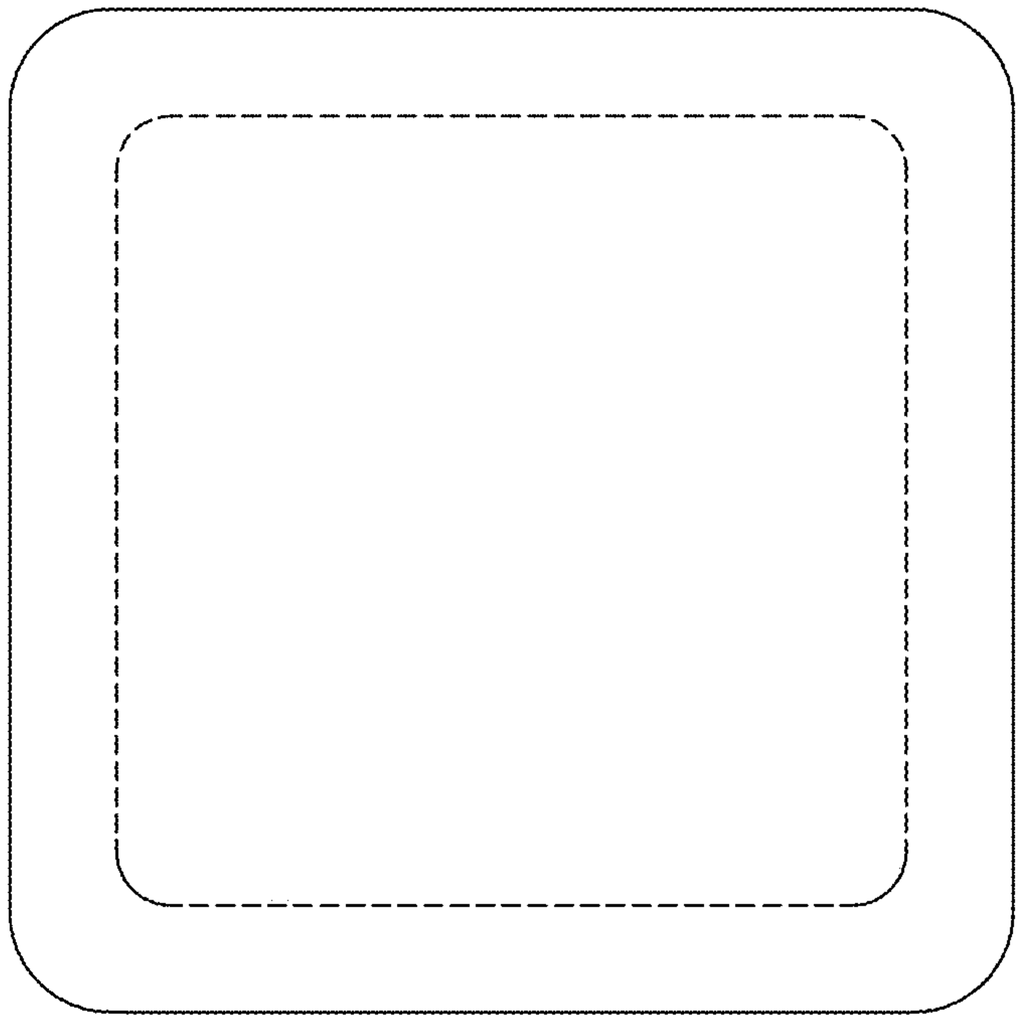


Figure 14

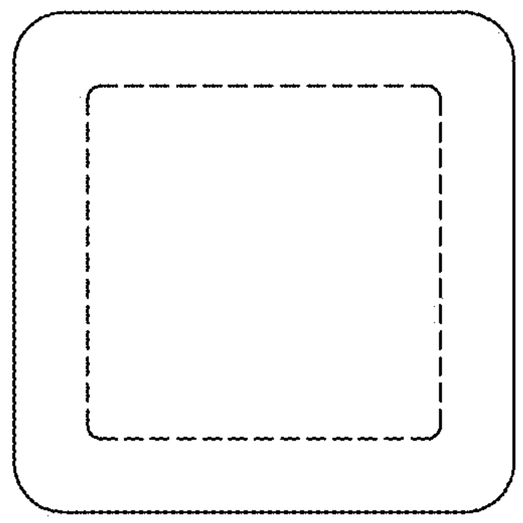


Figure 15

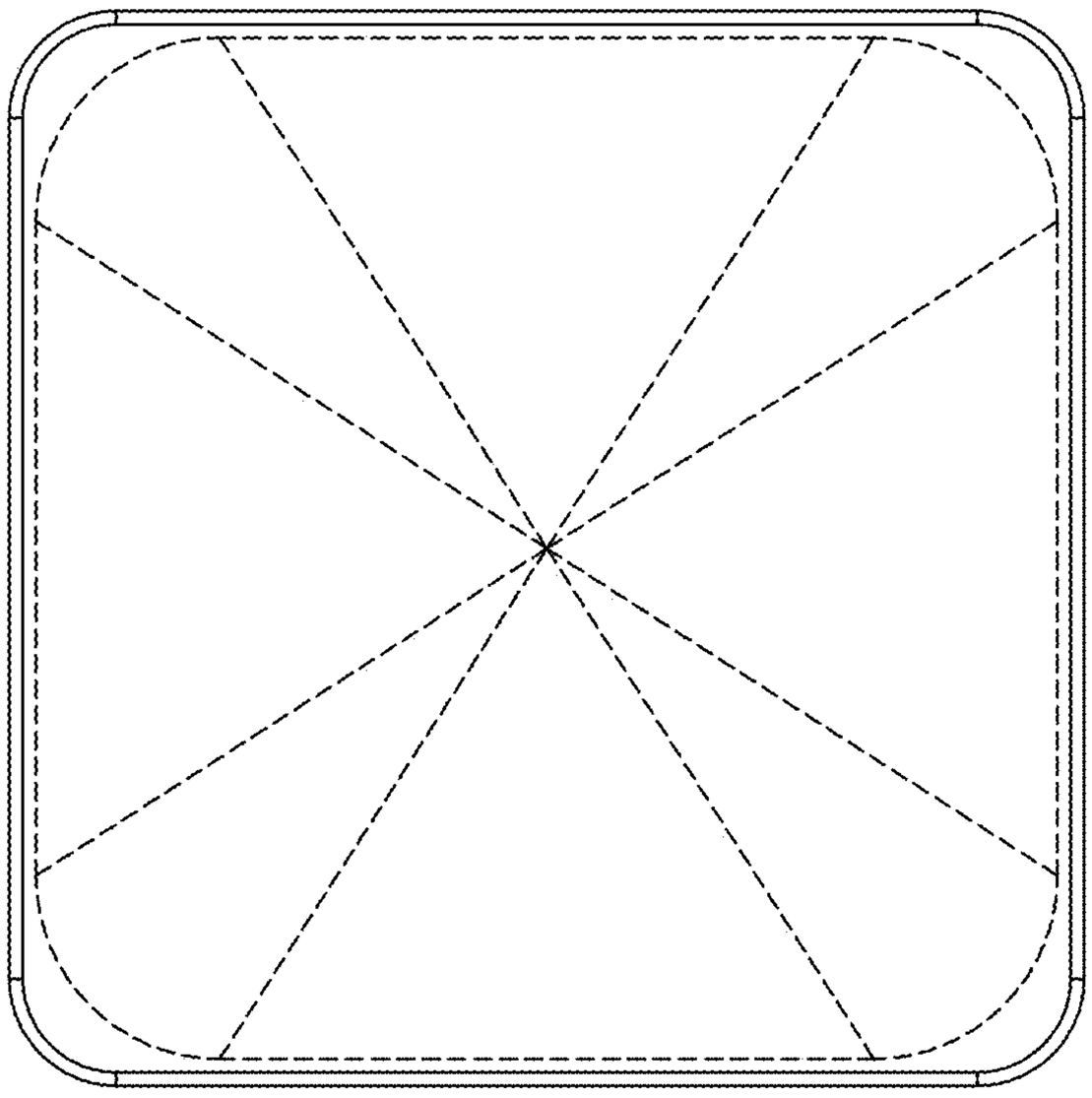


Figure 16

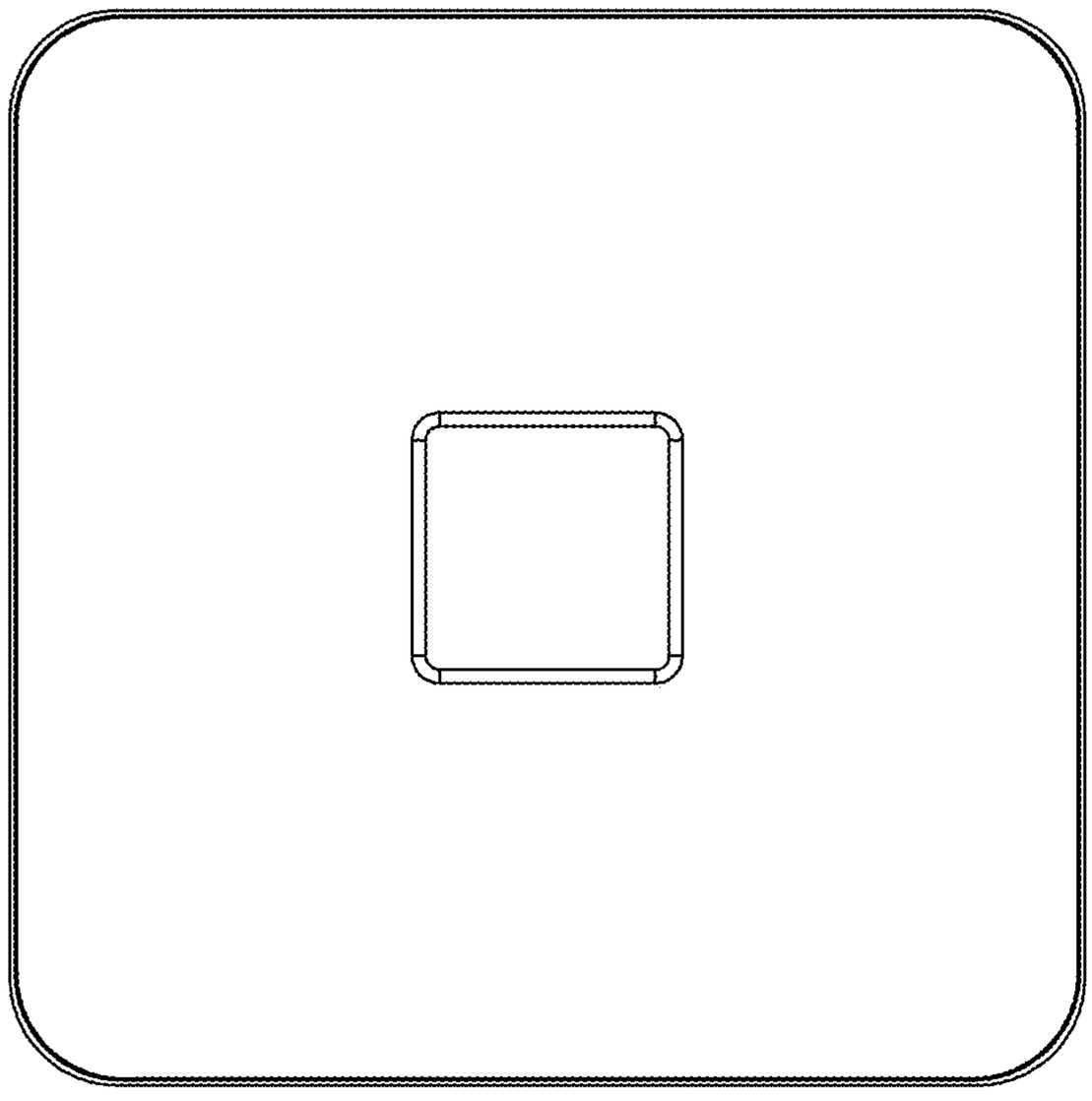


Figure 17

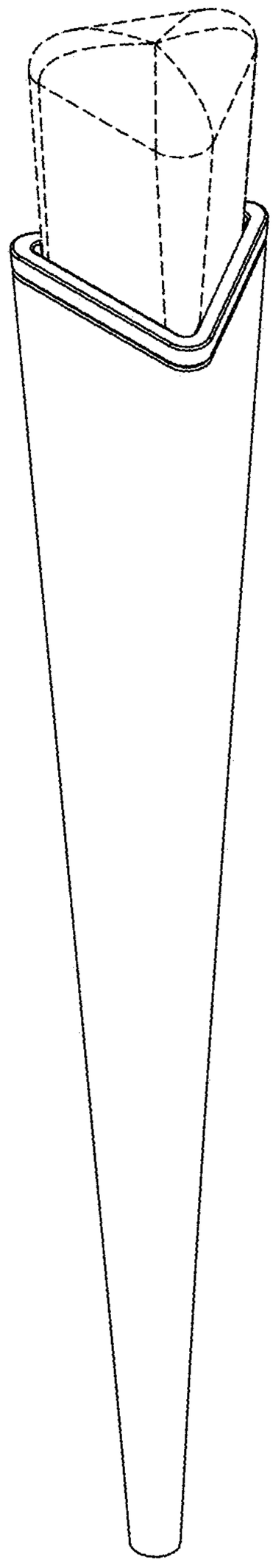


Figure 18

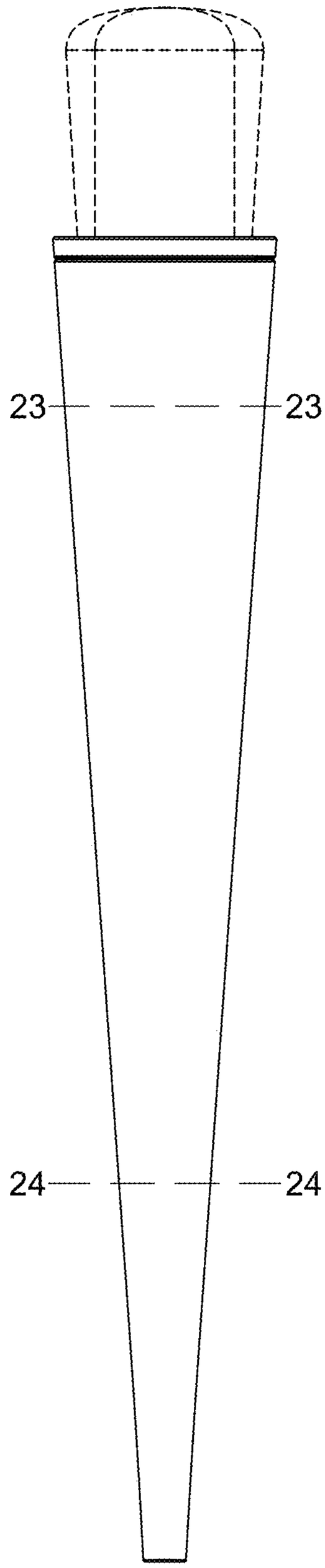


Figure 19

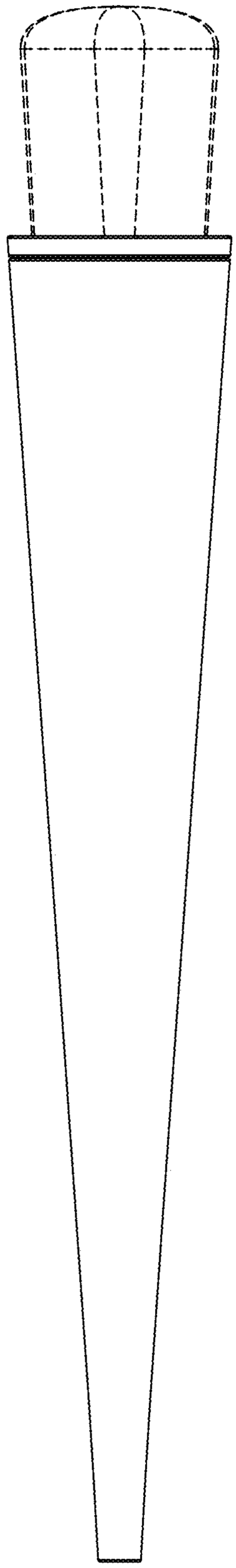


Figure 20

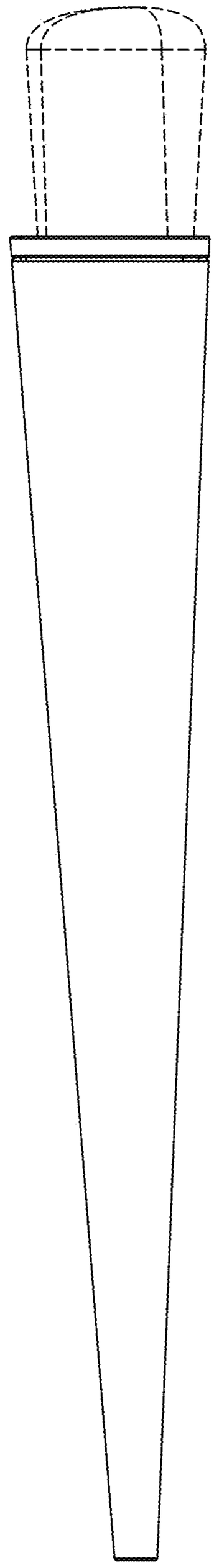


Figure 21

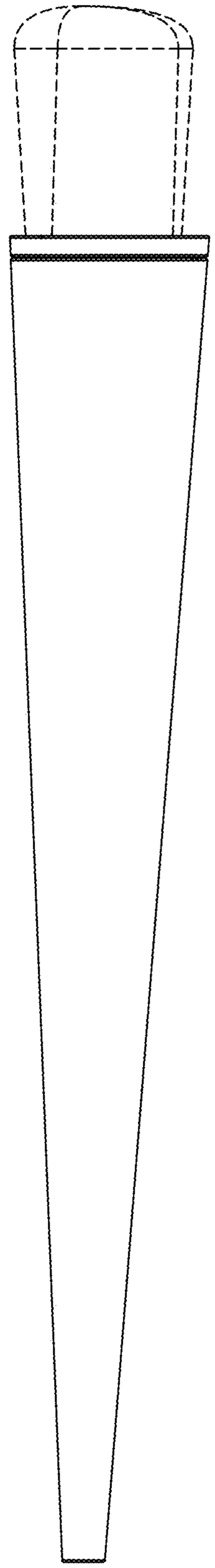


Figure 22

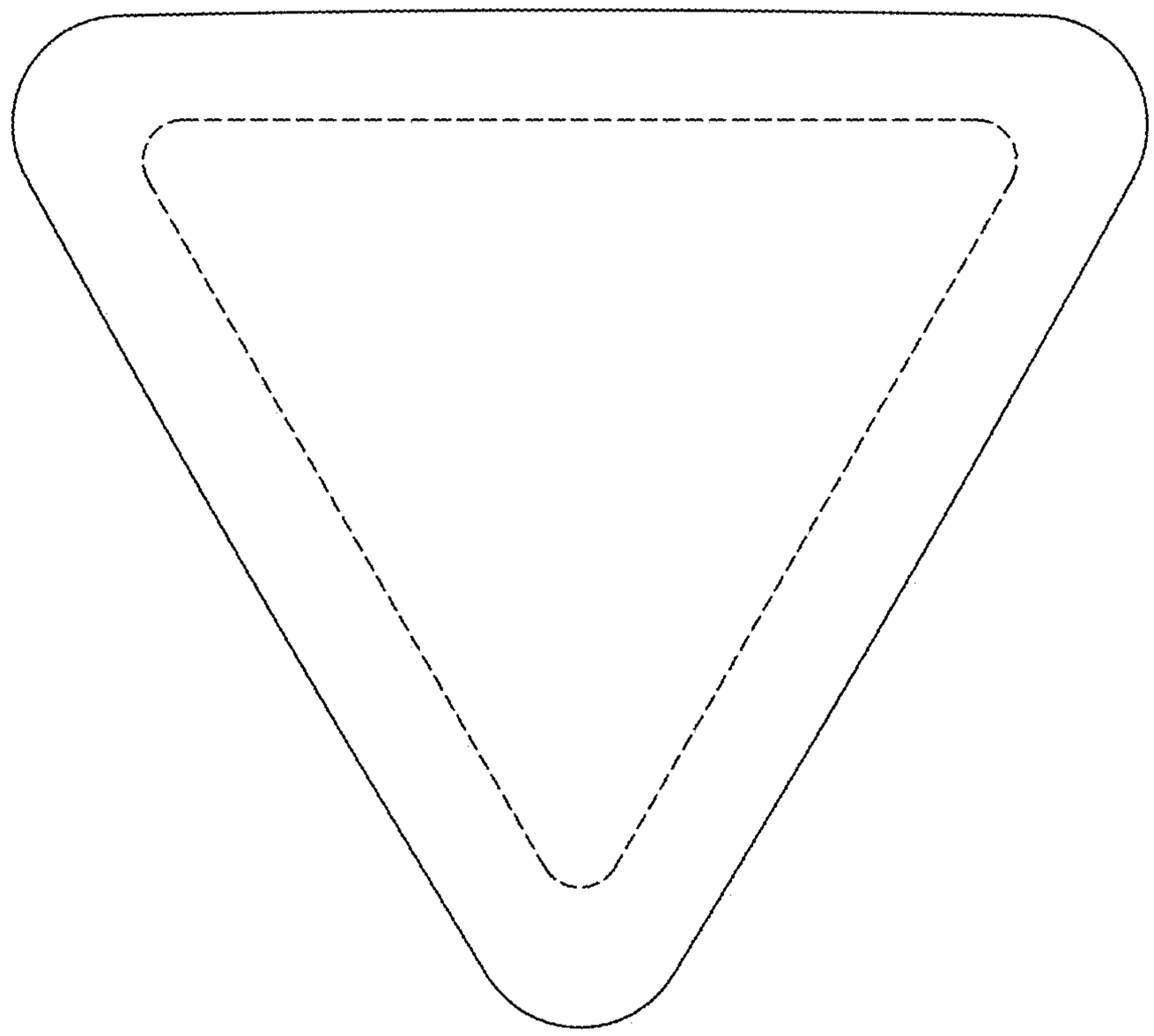


Figure 23

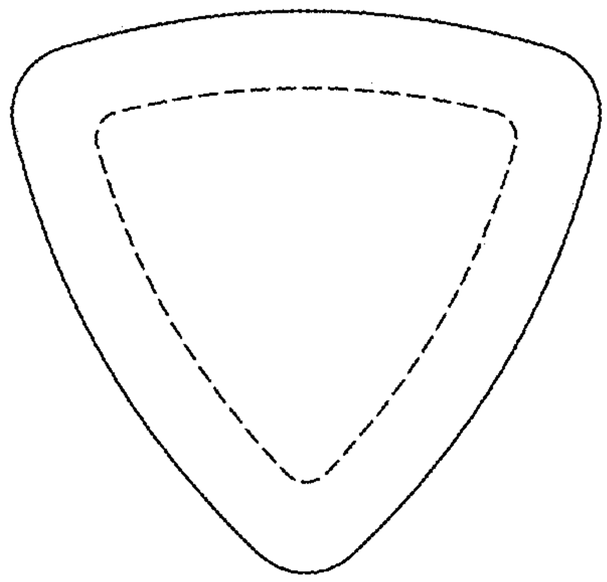


Figure 24

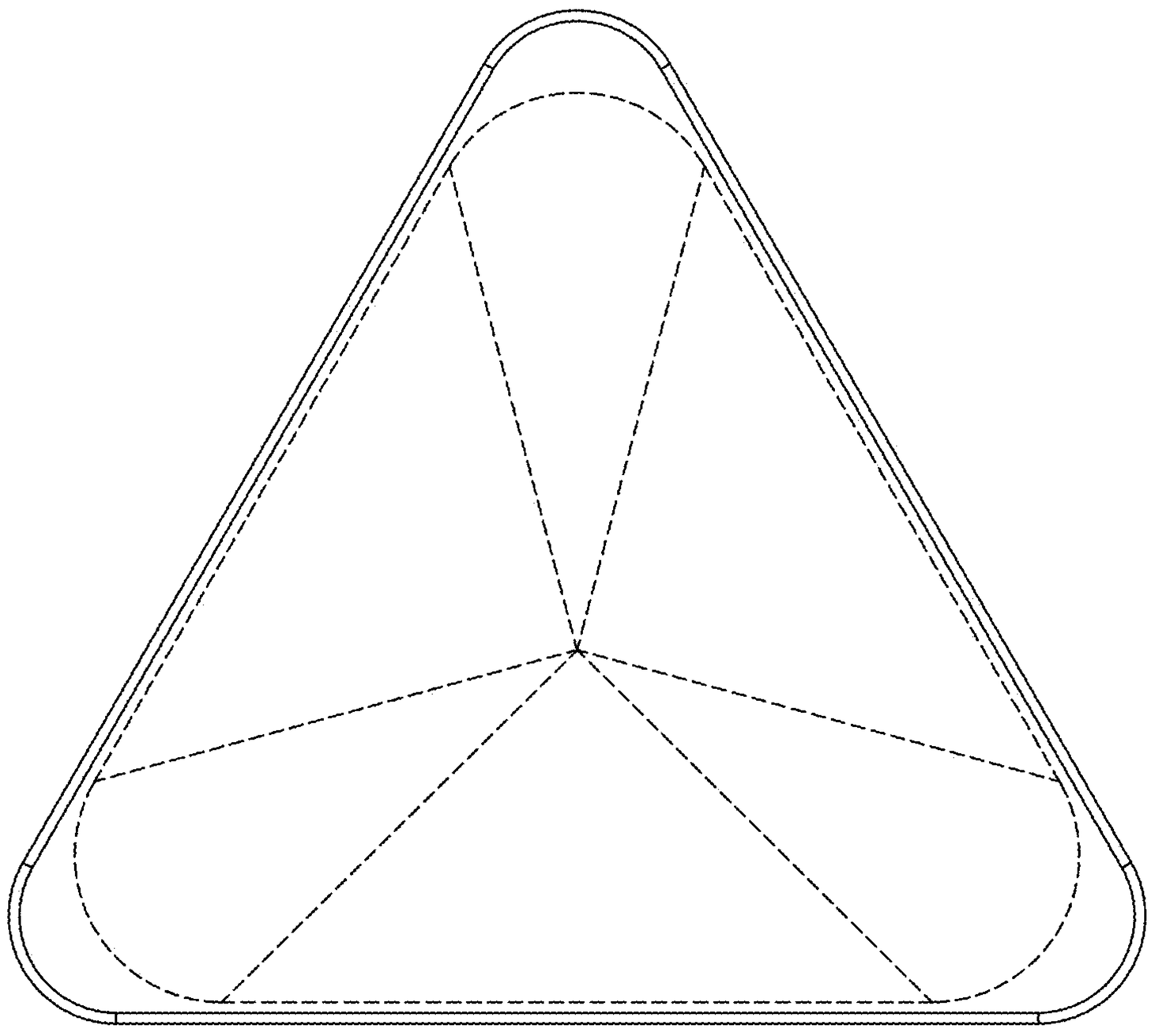


Figure 25

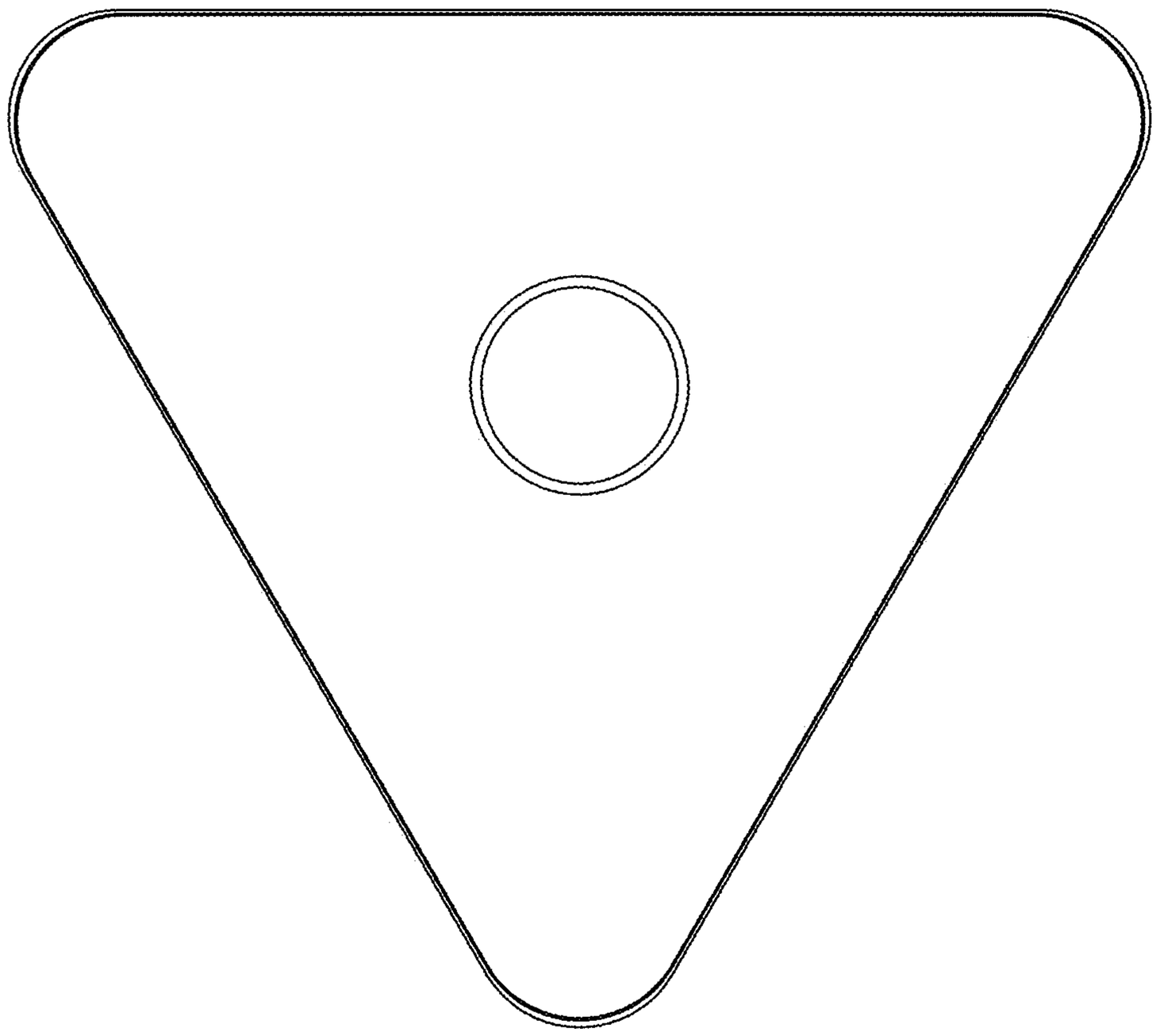


Figure 26