

US00D899379S

(12) **United States Design Patent** (10) **Patent No.:** **US D899,379 S**  
**Temblador et al.** (45) **Date of Patent:** **\*\* \*Oct. 20, 2020**

(54) **FLANGE**

(71) Applicant: **SOUTHWIRE COMPANY, LLC**,  
Carrollton, GA (US)

(72) Inventors: **Richard Mike Temblador**, Carrollton,  
GA (US); **Myron Dale Deese**,  
Carrollton, GA (US); **Harry William  
Kent, Jr.**, Carrollton, GA (US); **Juan  
Alberto Galindo Gonzalez**, Powder  
Springs, GA (US); **James Philip  
Tuggle**, Carrollton, GA (US); **Franklin  
Clarence Calhoun**, Carrollton, GA  
(US)

(73) Assignee: **Southwire Company, LLC**, Carrollton,  
GA (US)

(\*) Notice: This patent is subject to a terminal dis-  
claimer.

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

(21) Appl. No.: **29/647,334**

(22) Filed: **May 11, 2018**

**Related U.S. Application Data**

(63) Continuation of application No. 29/569,122, filed on  
Jun. 23, 2016, now Pat. No. Des. 817,893.

(51) **LOC (12) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/154**

(58) **Field of Classification Search**  
USPC ..... D13/154, 155, 133, 146, 147, 123,  
D13/137.1-139.8; D8/396, 397, 399,

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

220,460 A 10/1879 Yobk  
308,411 A 11/1884 Harding  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CA 2869183 A1 12/2013  
CN 102107824 A 6/2011  
(Continued)

**OTHER PUBLICATIONS**

File: Bass clef pendant.jpg, Summary Date Oct. 25, 2010, [online],  
[retrieved on Sep. 6, 2019]. Retrieved from Internet ,<URL: https://  
commons.wikimedia.org/wiki/File:Bass\_clef\_pendant.jpg>.\*

(Continued)

*Primary Examiner* — Bridge L Eland

(74) *Attorney, Agent, or Firm* — Merchant & Gould P.C.

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is an isometric view of a flange according to our  
design;

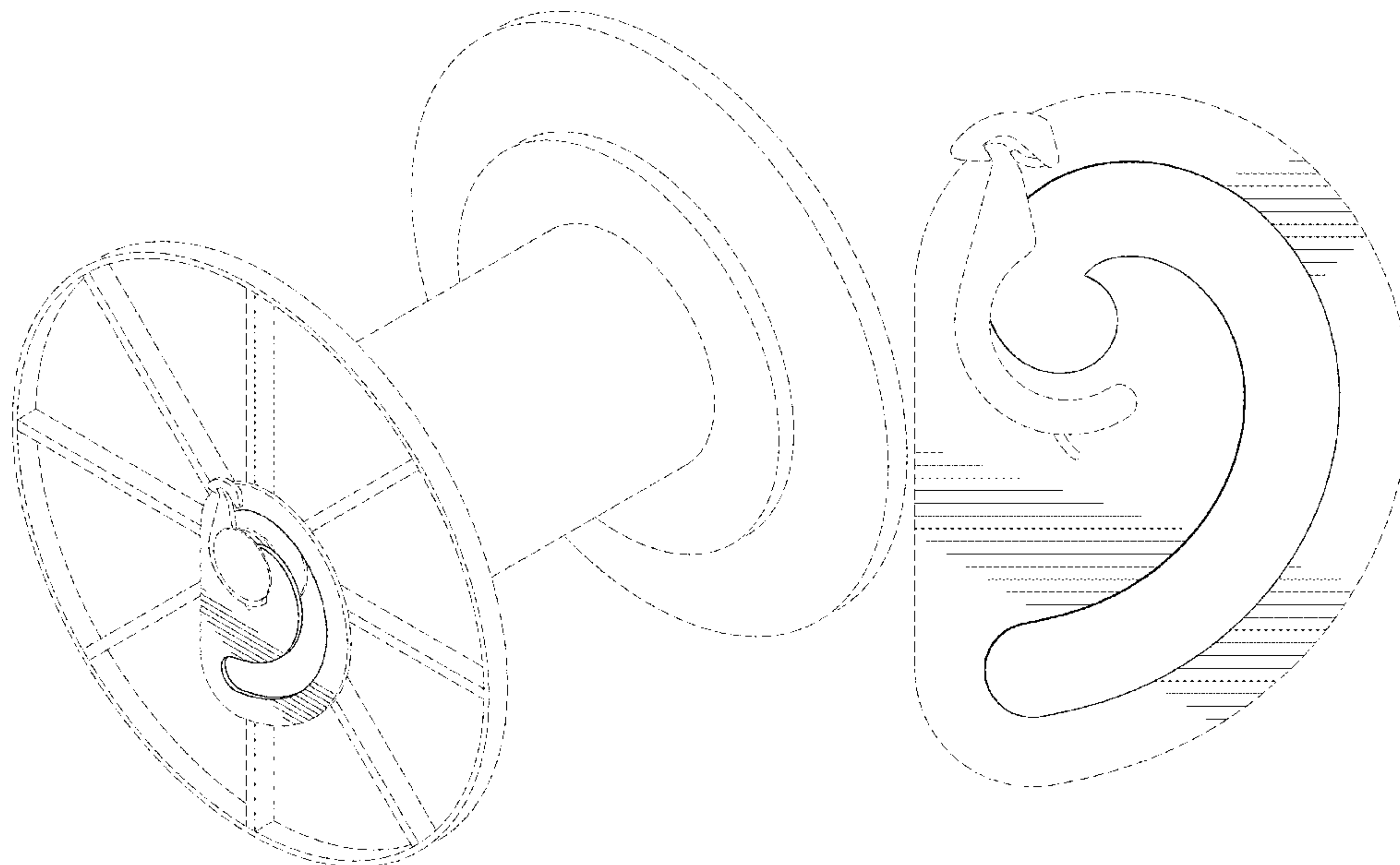
FIG. 2 is a perspective view of the flange of FIG. 1, shown  
removed from the environment in order to show aspects of  
the design that are not otherwise apparent;

FIG. 3 is a front elevation view thereof; and,

FIG. 4 is a rear elevation view thereof.

The broken lines immediately adjacent the shaded areas  
represent the bounds of the claimed design while all other  
broken lines are directed to environment and are for illus-  
trative purpose only; and the broken lines form no part of the  
claimed design.

**1 Claim, 3 Drawing Sheets**



(58) **Field of Classification Search**

USPC .....	D8/313; D22/140; D7/533, 543, 547, D7/548, 552.1, 318, 320, 600, 705, 622, D7/709, 361, 687, 642-664, 393, 401.2; D24/140; D11/204, 211, 217, 219, 223, D11/238, 14, 30, 44, 48, 81, 100, 133, D11/149, 157, 172	4,255,902 A	3/1981	Ruff
		4,287,684 A	9/1981	McKann
		4,289,418 A	9/1981	Westin et al.
		4,290,233 A	9/1981	Hubbard
		4,298,174 A	11/1981	Kovaleski
		4,310,991 A	1/1982	Seely
		4,325,522 A	4/1982	Sauber
		4,333,616 A	6/1982	Strouse
		4,352,258 A	10/1982	Bursk et al.
		4,354,644 A	10/1982	Grant
CPC ....	B65H 75/185; B65H 75/248; B65H 75/22; B65H 75/146; B65H 75/403	D270,329 S *	8/1983	Hardy ..... D8/356
		4,447,012 A	5/1984	Woodruff
		4,462,555 A *	7/1984	Olson ..... B65H 75/22 242/118.6

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

364,434 A	6/1887	Pitmon	4,492,405 A	1/1985	Chikaraishi et al.
486,010 A	11/1892	Wirt	4,496,186 A	1/1985	Tuchiya et al.
582,451 A	5/1897	Brandon	4,513,536 A	4/1985	Giguere
613,138 A	10/1898	Gempeler	4,549,761 A	10/1985	Lee et al.
709,932 A	9/1902	Schooley	4,605,237 A	8/1986	Torgrimson
D49,693 S	9/1916	Abbott	4,626,026 A	12/1986	Hasegawa
1,353,541 A	9/1920	Retterer	4,628,639 A	12/1986	Lownsdale
1,461,939 A	7/1923	Sager	4,686,793 A	8/1987	Mills
1,561,160 A	11/1925	Ingenthron	4,716,683 A	1/1988	Minter
D73,119 S	7/1927	Babchoff	4,726,147 A	2/1988	Beske et al.
1,661,991 A	3/1928	Benit	4,746,078 A	5/1988	Setzke
1,726,137 A	8/1929	Bernal	4,747,561 A	5/1988	Sweeny et al.
1,795,853 A	3/1931	Glass	4,784,221 A	11/1988	Share et al.
1,852,939 A	4/1932	Schmidt	4,807,923 A	2/1989	Nakamura
1,858,825 A	5/1932	Hescock	4,825,507 A	5/1989	Killingstad
1,882,950 A	10/1932	Rulon, Jr.	4,831,779 A	5/1989	Kehrli et al.
1,949,378 A	2/1934	Roehm	4,919,471 A	4/1990	Seino et al.
1,961,376 A	6/1934	McIlvried	4,948,064 A	8/1990	Richard
2,132,043 A	10/1938	Oldham	5,040,739 A	8/1991	Wolf et al.
D139,561 S	11/1944	Wentling	5,054,745 A	10/1991	Swayze et al.
D152,874 S	3/1949	Forman	5,060,882 A	10/1991	Rousculp et al.
2,549,224 A	4/1951	Moldovan	5,113,976 A	5/1992	Noakes
2,553,835 A	5/1951	Sachs	D327,111 S	6/1992	Hemming
2,707,599 A	5/1955	Snyder	D344,692 S *	3/1994	Ruston ..... D11/223
2,720,285 A	10/1955	Taylor	D347,988 S	6/1994	Thorne
2,960,857 A	11/1960	Winter	D351,315 S	10/1994	van Stolk
2,982,491 A	5/1961	Beiderwell	D354,572 S	1/1995	Headrick
3,009,667 A	11/1961	Browne	5,379,965 A	1/1995	Isler et al.
3,152,772 A	10/1964	Schjerven	5,490,805 A	2/1996	Bredesen
3,184,175 A	5/1965	Geen	5,611,173 A	3/1997	Headrick et al.
3,207,456 A	9/1965	Hill	D380,344 S	7/1997	Laib
3,294,338 A	12/1966	O'Brien	D385,525 S	10/1997	Beavers et al.
3,298,667 A	1/1967	Grantham et al.	5,743,486 A	4/1998	Bulman
D208,088 S *	7/1967	Banner ..... D8/338	5,752,670 A	5/1998	Lasecki et al.
3,393,790 A	7/1968	Dixon	5,868,348 A	2/1999	Bulman
3,405,881 A	10/1968	Sanford et al.	5,908,172 A	6/1999	Pierro et al.
3,450,366 A	6/1969	Goldberg	D420,931 S	2/2000	Philipson et al.
3,633,316 A	1/1972	Belser	6,105,604 A	8/2000	Furness
3,652,026 A	3/1972	Awebro	6,122,864 A	9/2000	Martin
3,762,100 A	10/1973	Kempel	6,138,413 A	10/2000	Fehr
3,820,733 A	6/1974	Roederer	D435,400 S	12/2000	Veltz et al.
3,822,841 A	7/1974	Campbell	6,161,343 A	12/2000	Young
3,850,382 A	11/1974	Clingerman et al.	6,193,185 B1	2/2001	Kim
3,860,193 A	1/1975	Green	6,234,421 B1	5/2001	Cox et al.
3,900,967 A	8/1975	Bursk et al.	D446,998 S	8/2001	Cappadona et al.
3,967,412 A	7/1976	Governale	6,299,100 B1	10/2001	Cloud
3,976,260 A	8/1976	Irik	6,305,409 B1	10/2001	Furness
3,997,127 A	12/1976	Kovaleski	6,318,665 B1	11/2001	King
4,006,562 A	2/1977	Belanger et al.	6,419,184 B1	7/2002	Oppmann et al.
4,034,933 A	7/1977	Hara et al.	6,426,454 B1 *	7/2002	Gregory ..... G10D 1/00 84/267
4,047,751 A	9/1977	Koike	6,435,450 B1	8/2002	Shields et al.
4,055,917 A	11/1977	Coller	D472,102 S *	3/2003	Tyler ..... D7/543
4,060,272 A	11/1977	Mori	D488,243 S	4/2004	Babka et al.
4,074,464 A	2/1978	McCay	D510,017 S *	9/2005	Messina ..... D8/395
4,176,801 A	12/1979	Douglas	6,978,960 B2	12/2005	Schaller
4,183,475 A	1/1980	Martija	D522,834 S *	6/2006	Lalancette ..... D8/396
D254,595 S	4/1980	Hart	7,222,818 B2	5/2007	Couchey et al.
4,224,766 A	9/1980	Procton	D566,166 S *	4/2008	DeMars ..... D17/18
4,226,383 A *	10/1980	Douglas ..... B65H 49/24 242/118.6	D590,692 S *	4/2009	Calatrava Valls ..... D8/305
			7,594,771 B2	9/2009	Mindler
			D613,231 S	4/2010	Anderson et al.
4,232,837 A	11/1980	Cutler et al.	7,861,904 B1	1/2011	Taylor et al.
4,237,664 A	12/1980	Wilmes	7,874,511 B2	1/2011	Chiorgno et al.
			D641,708 S *	7/2011	Yamauchi ..... D13/154



(56)

References Cited

U.S. PATENT DOCUMENTS

8,016,267	B2	9/2011	Jordan et al.	
8,245,965	B2	8/2012	Andrea et al.	
8,272,591	B2	9/2012	Baranov et al.	
8,403,345	B2	3/2013	Iossa et al.	
D679,951	S	4/2013	Khaoorn	
8,444,078	B1	5/2013	Brown et al.	
8,602,341	B2	12/2013	Land	
8,616,485	B2	12/2013	Iossa	
D709,932	S	7/2014	Schuetz et al.	
9,027,908	B1	3/2015	Calhoun et al.	
9,004,392	B1	4/2015	Bigbee, Jr. et al.	
9,016,607	B2	4/2015	Wong et al.	
D742,733	S	11/2015	Galindo Gonzalez et al.	
D763,674	S *	8/2016	Nagaki .....	D8/394
9,409,744	B2	8/2016	Jordan et al.	
9,452,908	B1	9/2016	Bigbee, Jr. et al.	
9,617,112	B1	4/2017	Temblador	
D787,024	S	5/2017	Ball	
9,828,209	B2	11/2017	Temblador	
D815,049	S	4/2018	Temblador et al.	
D817,893	S	5/2018	Temblador et al.	
D818,440	S	5/2018	Temblador et al.	
D828,308	S *	9/2018	Smith .....	D13/155
D836,560	S	12/2018	Temblador et al.	
10,221,036	B2	3/2019	Temblador et al.	
2007/0114039	A1	5/2007	Hobdy et al.	
2007/0181739	A1	8/2007	Derendal	
2007/0257146	A1	11/2007	Fleming	
2008/0048063	A1	2/2008	Wells et al.	
2009/0173212	A1 *	7/2009	Wold .....	G09B 15/02 84/483.2
2010/0044490	A1	2/2010	Fleming	
2011/0162916	A1	7/2011	Saliger et al.	
2012/0104146	A1	5/2012	Perry	
2012/0199683	A1	8/2012	Cox et al.	
2012/0223179	A1	9/2012	Galindo Gonzalez et al.	
2013/0008995	A1	1/2013	Langella	
2013/0284852	A1	10/2013	Fuller et al.	
2014/0091770	A1	4/2014	Lee et al.	
2014/0193235	A1	7/2014	Kennedy et al.	
2015/0291386	A1	10/2015	Watkins	
2015/0321876	A1	11/2015	Galindo Gonzalez et al.	
2015/0322980	A1	11/2015	Giacalone et al.	
2017/0081147	A1	3/2017	Mickey et al.	
2017/0210589	A1	7/2017	Temblador et al.	
2017/0275131	A1	9/2017	Temblador et al.	
2018/0029825	A1 *	2/2018	Temblador .....	B65H 49/321
2019/0193984	A1	6/2019	Temblador et al.	

FOREIGN PATENT DOCUMENTS

CN	103910251	A	7/2014
CN	203903693	U	10/2014
CN	203922263	U	11/2014
DE	10232897	A1	2/2004
DE	102004008328	A1	9/2005
DE	102010021357	A1	2/2011
FR	2425486	A1	12/1979
GB	711140	A	6/1954
GB	719830	A	12/1954
GB	954244	A	4/1964
GB	1015528	A	1/1966
GB	1048101	A	11/1966
JP	60052444	A	3/1985
JP	H05127317	A	5/1993
SE	339368	B	10/1971
WO	0208107	A1	1/2002
WO	03035529	A1	5/2003
WO	2012158485	A1	11/2012
WO	2013041771	A1	3/2013

OTHER PUBLICATIONS

Ideal present for Bass Players from Crazy Pig Designs, published Nov. 7, 2010, [online], [retrieved on Sep. 6, 2019]. Retrieved from

Internet, <URL: <http://crazypigdesigns.blogspot.com/2010/11/ideal-present-for-bass-players-from.html>>.\*

Bass Clef Mug, published Dec. 4, 2013, [online], [retrieved on Sep. 6, 2019]. Retrieved from Internet, <URL: [https://www.amazon.com/BuyGifts-Bass-Clef-Mug/dp/B00H36TJ92/ref=sr\\_1\\_14?keywords=base+cleff&qid=1567786613&s=gateway&sr=8-14](https://www.amazon.com/BuyGifts-Bass-Clef-Mug/dp/B00H36TJ92/ref=sr_1_14?keywords=base+cleff&qid=1567786613&s=gateway&sr=8-14)>.\*

Zazzle: Bass Player (Clef) T-Shirt, Created on: Dec. 2, 2012, [online], [retrieved on Sep. 6, 2019]. Retrieved from Internet, <URL: [https://www.zazzle.com/bass\\_player\\_clef\\_t\\_shirt-235436851212443709](https://www.zazzle.com/bass_player_clef_t_shirt-235436851212443709)>.\*

Aleks Melnyk #34 Metal Journal Stencils, [online], [retrieved on Feb. 13, 2020]. Retrieved from Internet, <URL: [https://www.amazon.com/Aleks-Melnyk-Alphabet-Stainless-Scrapbooking/dp/B07B9LTXP2/ref=pd\\_rhf\\_se\\_p\\_img\\_15?encoding=UTF8&psc=1&refRID=BQWFNYFDEVK0KW12THF6](https://www.amazon.com/Aleks-Melnyk-Alphabet-Stainless-Scrapbooking/dp/B07B9LTXP2/ref=pd_rhf_se_p_img_15?encoding=UTF8&psc=1&refRID=BQWFNYFDEVK0KW12THF6)>.\*

SOOKOO 6 PCS Drawing Painting Stencils, [online], [retrieved on Feb. 13, 2020]. Retrieved from Internet, <URL: [https://www.amazon.com/Painting-Stencils-Template-Alphabet-Scrapbooking/dp/B073PQ1NWK/ref=sr\\_1\\_59?keywords=alphabet+stencil&qid=1581617828&sr=8-59](https://www.amazon.com/Painting-Stencils-Template-Alphabet-Scrapbooking/dp/B073PQ1NWK/ref=sr_1_59?keywords=alphabet+stencil&qid=1581617828&sr=8-59)>.\*

Letter Stencils, Alphabet Templates, [online], [retrieved on Feb. 13, 2020]. Retrieved from Internet, <URL: [https://www.amazon.com/Stencils-Alphabet-Templates-Reusable-Plastic/dp/B07PWCY3FS/ref=sr\\_1\\_54?keywords=alphabet+stencil&qid=1581617711&sr=8-54](https://www.amazon.com/Stencils-Alphabet-Templates-Reusable-Plastic/dp/B07PWCY3FS/ref=sr_1_54?keywords=alphabet+stencil&qid=1581617711&sr=8-54)>.\*

Notice of Allowance dated Aug. 15, 2018 in U.S. Appl. No. 29/643,214, 8 pages.

Notice of Allowance dated Oct. 3, 2018 in U.S. Appl. No. 15/482,025, 7 pages.

International Preliminary Report on Patentability dated Mar. 1, 2018 in International Patent Application No. PCT/US2016/047592, 11 pages.

Non-Final Office Action dated Dec. 12, 2011 in U.S. Appl. No. 12/604,883, 11 pages.

Notice of Allowance dated Apr. 16, 2012 in U.S. Appl. No. 12/604,883, 7 pages.

Encore Wire Corporation YouTube.com video for Reel Payoff®, published on Feb. 6, 2013, retrieved on May 23, 2016 from <https://www.youtube.com/watch?v=KnXJGTtWY0E>.

Encore Wire Corporation, Reel Payoff, Copyright 2013 Encore Wire Corporation, 1 page.

Southwire Reel Data, Copyright 2014, Southwire Company, 5 pages.

“Tidland Raptor Series Air Powered Lug Chucks, Copyright 2015 Maxcess International, Inc., 5 pages. Last Accessed Sep. 17, 2015 <http://www.maxcessintl.com/core-chucks/tidland-raptor-series-air-powered-lug-chucks>”.

“Schlumpf USA, SDE Pneumatic Core Chucks, 1 page. Last Accessed Sep. 17, 2015 <http://www.schlumpf-inc.com/products/chucks/pneumatic-core-chucks/>”.

Double E Company, Core Chucks, PC-4000 Torque-Independent Core Chucks, Copyright 2015 Double E Company L.L.C., 2 pages. Last Accessed Sep. 17, 2015 <http://ee-co.com/products/pc4000-torque-independent-core-chuck>.

Non-Final Office Action dated Dec. 22, 2015 in U.S. Appl. No. 14/198,348, 10 pages.

Notice of Allowance dated Jul. 8, 2015 in Design U.S. Appl. No. 29/488,243, 8 pages.

Wire Wizard Dereeling Arms Specification Sheets, 2 pages. Last Accessed Sep. 17, 2015 [http://www.wire-wizard.com/spec\\_sheets/DereelingArms\\_11-5-12.pdf](http://www.wire-wizard.com/spec_sheets/DereelingArms_11-5-12.pdf).

Cable Reel Trolley—Large, Brandon Tool Hire, Retrieved on Apr. 6, 2016 from: <http://www.brandontoolhire.co.uk/en/moving-and-winchng/672-cable-reel-trolley-large.html>.

DTS1 Drum Tip Stand, SEB International, Retrieved on Apr. 6, 2016 from: <http://www.sebinternational.com/shop.php?sec=prod&prod=75>.

International Search Report with Written Opinion dated Nov. 7, 2016 in PCT Application No. PCT/US16/47592, 12 pages.

(56)

**References Cited**

## OTHER PUBLICATIONS

Lever Action Cable Reel Jack, WCT Products, Retrieved on Apr. 6, 2016 from: <http://www.wctproducts.com/products/reels/lever-action-reel-jack.php>.

Non-Final Office Action Apr. 25, 2016 in U.S. Appl. No. 14/198,348, 9 pages.

Non-Final Office Action dated Oct. 13, 2016 in U.S. Appl. No. 15/239,163, 13 pages.

Non-Final Office Action dated Nov. 15, 2016 in U.S. Appl. No. 15/287,429, 16 pages.

Notice of Allowance dated Dec. 2, 2016 in U.S. Appl. No. 15/239,163, 9 pages.

Corrected Notice of Allowability dated Feb. 27, 2017 in U.S. Appl. No. 15/239,163, 2 pages.

Notice of Allowance dated Mar. 15, 2017 in U.S. Appl. No. 15/287,429, 9 pages.

Notice of Allowance dated Dec. 12, 2017 in U.S. Appl. No. 29/569,124, 8 pages.

Notice of Allowance dated Jul. 25, 2017 in U.S. Appl. No. 15/287,429, 7 pages.

Notice of Allowance dated Jan. 19, 2018 in U.S. Appl. No. 29/569,122, 11 pages.

Notice of Allowance dated Mar. 14, 2018 in U.S. Appl. No. 29/569,122, 5 pages.

Non-Final Office Action dated May 4, 2018 in U.S. Appl. No. 15/482,025, 8 pages.

"Double E Company, Core Chucks, DF-2000 Torque Activated Core Chucks, Copyright 2015 Double E Company L.L.C., 5 pages. Last Accessed Sep. 17, 2015 <http://ee-co.com/products/torque-activated-shaftless-core-chucks>".

PC-4000 Torque Independent Core Chuck, The DoubleECompany <https://youtu.be/FdFTirmJ2SE> (:35-:60).

DF-2000 Torque Activated Shaftless Core Chucks, The DoubleECompany [https://youtu.be/X\\_LKv4iaig](https://youtu.be/X_LKv4iaig) (:40-:60). Servicing Tidland Raptor Series Air Powered Chucks, Maxcess Webex, Fife, Tidland, MAGPOWR <https://youtu.be/JfRUJHOSE-U> (:40-:60).

McMaster-Carr Catalog, Ball Bearings, available at <http://www.mcmaster.com/#r6-ball-bearings/=12hbnve>.

MP J02 Maxis Pro-Jax Reel Stands, Southwire Company, LLC <http://www.southwiretools.com/tools/tools/MPJ02>.

Maxis ProJax, Southwire Company, LLC <https://www.youtube.com/watch?v=8f2VIYwfeeY> (2:00-2:07; 1:49-1:53; and 2:40-3:04).

Maxis Pro Jax Reel Stands, SchellCompany <https://www.youtube.com/watch?v=UZZHRy7Q9vs> (:19-:24).

Extended search report dated Jun. 26, 2019 in European Patent Application No. 16837851.1, 8 pages.

File: Kidney beans.jpg, published Mar. 4, 2007, [online], [retrieved on Sep. 1, 2019]. Retrieved from Internet, <URL: [https://en.wikipedia.org/wiki/File:Kidney\\_beans.jpg](https://en.wikipedia.org/wiki/File:Kidney_beans.jpg)>.

White Hospital Pan Emesis Basin Enamel Pan Vintage, item sold on Jun. 14, 2012, [online], [retrieved on Sep. 6, 2019]. Retrieved from Internet, <URL:[https://www.etsy.com/listing/92764022/white-hospital-pan-emesis-basin-enamel?showsold\\_out\\_detail=1](https://www.etsy.com/listing/92764022/white-hospital-pan-emesis-basin-enamel?showsold_out_detail=1)>.

Vintage Enamel Kidney Bean Shaped Hospital Basin, sold on Mar. 14, 2013, [online], [retrieved on Sep. 6, 2019]. Retrieved from Internet, <URL:[https://www.etsy.com/listing/87605522/vintage-enamel-kidney-bean-shaped?showsold\\_out\\_detail=1](https://www.etsy.com/listing/87605522/vintage-enamel-kidney-bean-shaped?showsold_out_detail=1)>.

Stainless steel kidney pan, vintage, [online], [retrieved on Sep. 6, 2019]. Retrieved from Internet, <URL: [https://www.etsy.com/listing/128807055/stainless-steel-kidney-pan-extra-large?ref=unav\\_listing-same-1](https://www.etsy.com/listing/128807055/stainless-steel-kidney-pan-extra-large?ref=unav_listing-same-1)>.

Non-Final Office Action dated Aug. 23, 2019 in U.S. Appl. No. 15/726,158, 10 pages.

Non-Final Office Action dated Sep. 19, 2019 in U.S. Appl. No. 29/647,337, 13 pages.

\* cited by examiner



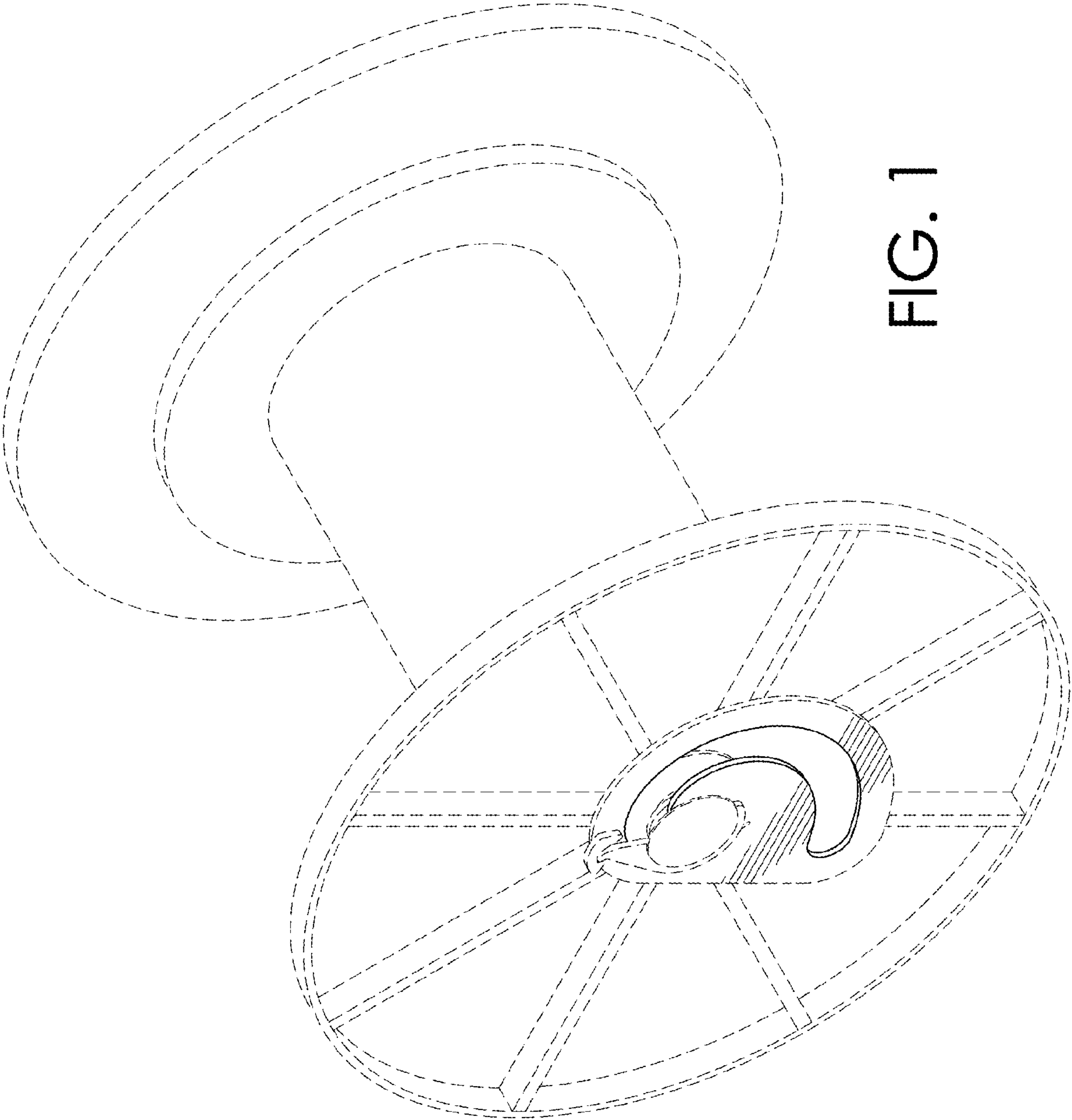


FIG. 1

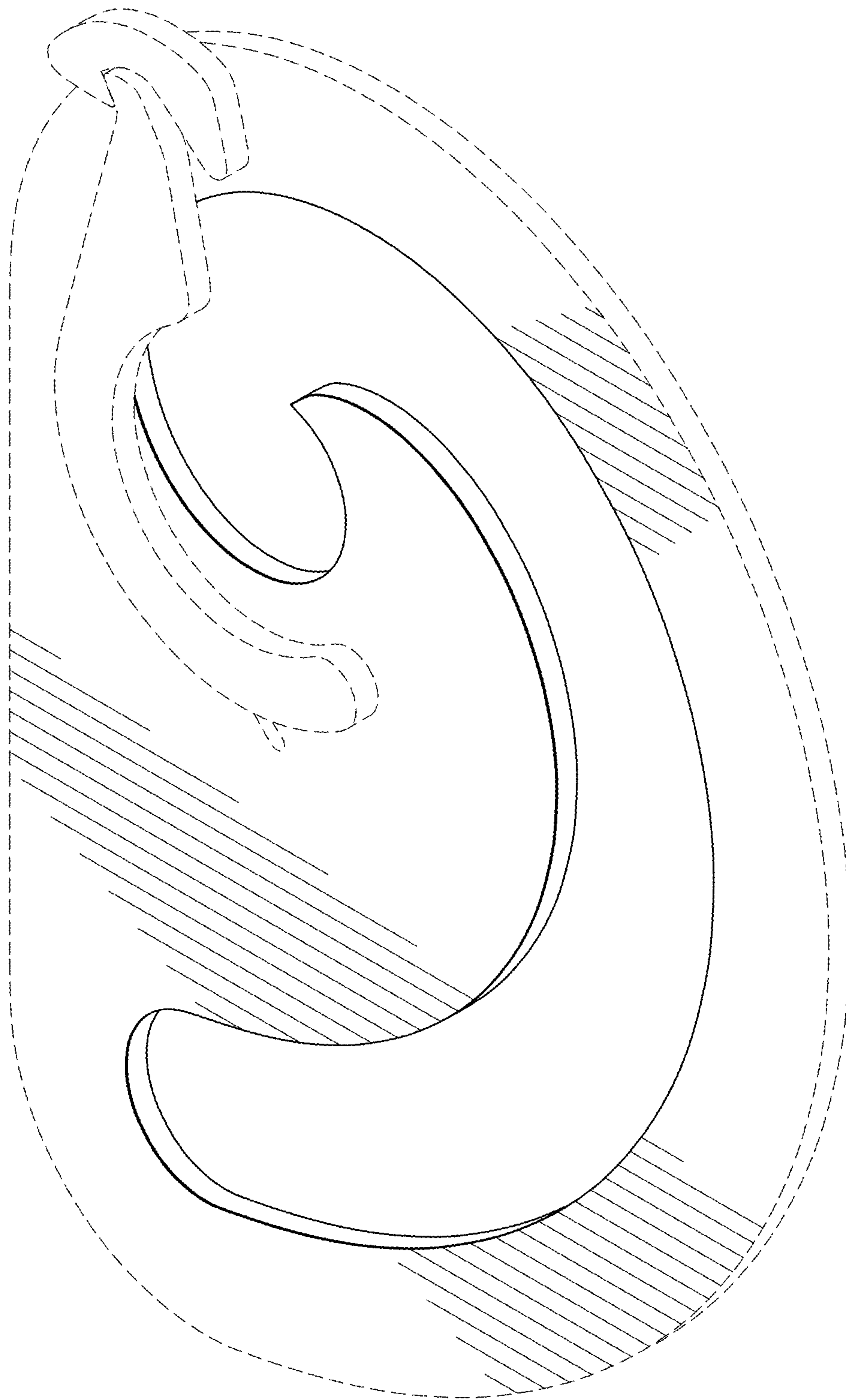


FIG. 2

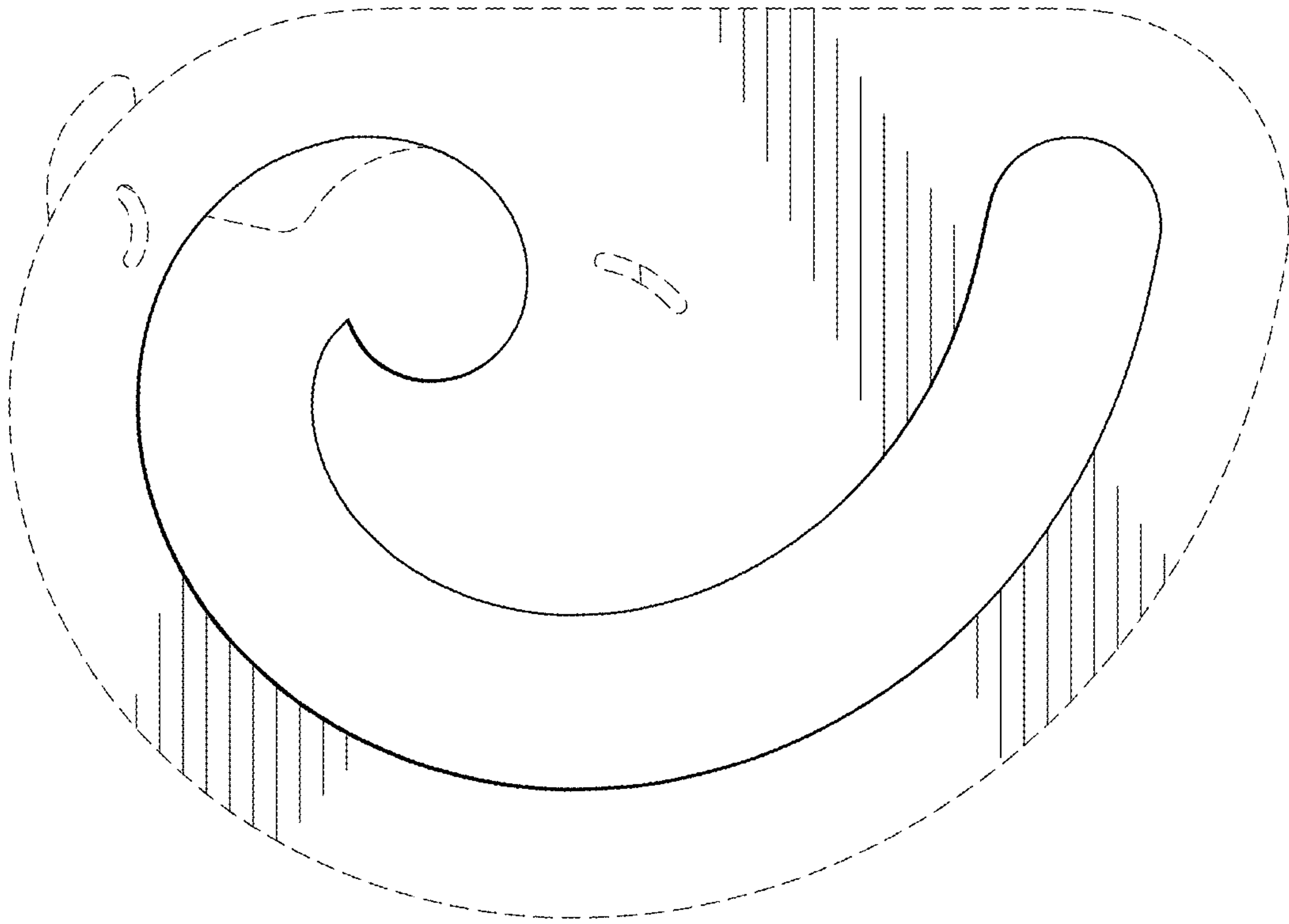


FIG. 4

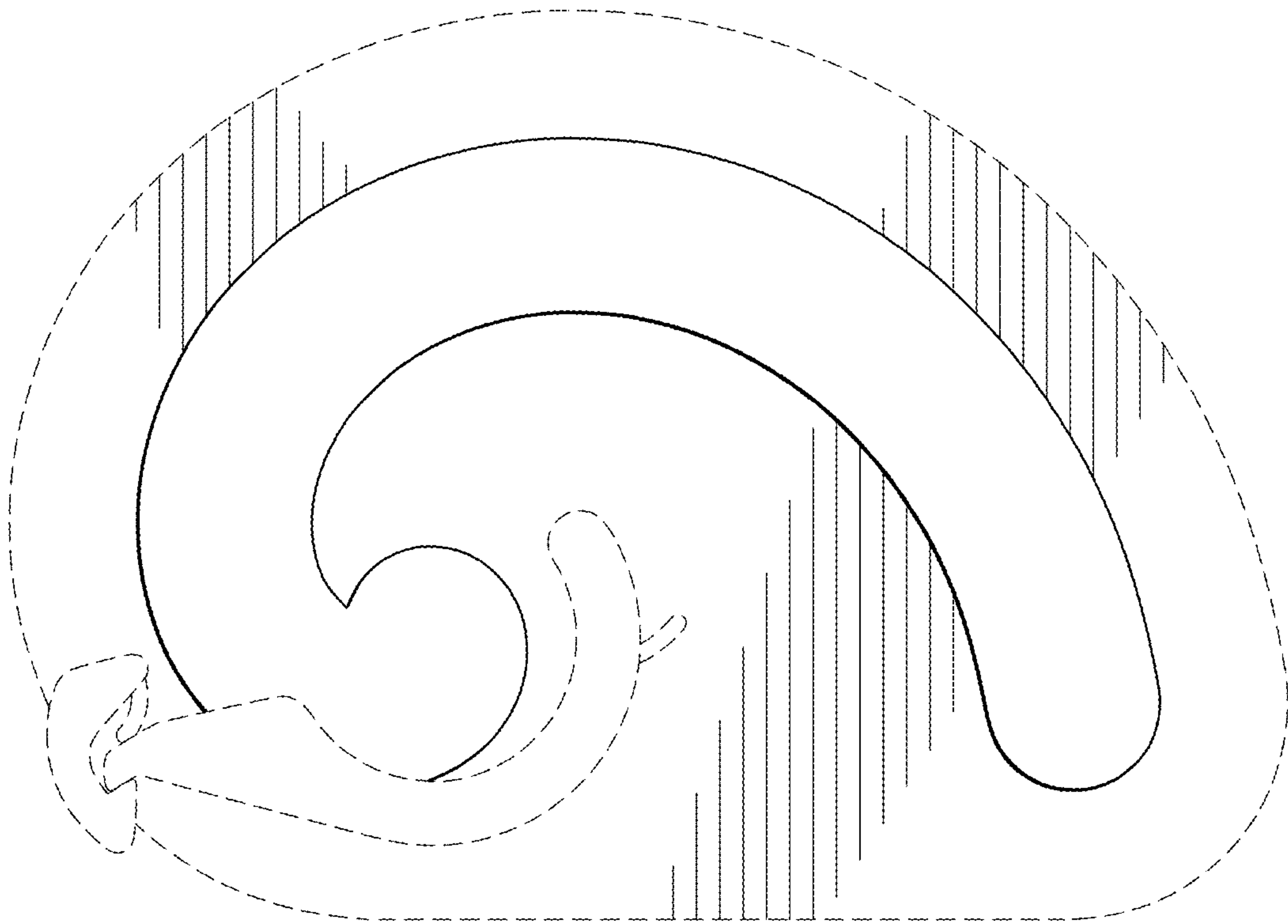


FIG. 3