



US00D839372S

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

(10) **Patent No.:** **US D839,372 S**
(45) **Date of Patent:** **** *Jan. 29, 2019**

- (54) **GOLF CLUB HEAD**
- (71) Applicant: **PARSONS XTREME GOLF, LLC**,
Scottsdale, AZ (US)
- (72) Inventors: **Bradley D. Schweigert**, Anthem, AZ
(US); **Michael R. Nicolette**, Scottsdale,
AZ (US); **Robert R. Parsons**,
Scottsdale, AZ (US)
- (73) Assignee: **PARSONS XTREME GOLF, LLC**,
Scottsdale, AZ (US)
- (*) Notice: This patent is subject to a terminal dis-
claimer.
- (**) Term: **15 Years**
- (21) Appl. No.: **29/628,987**
- (22) Filed: **Dec. 9, 2017**

Related U.S. Application Data

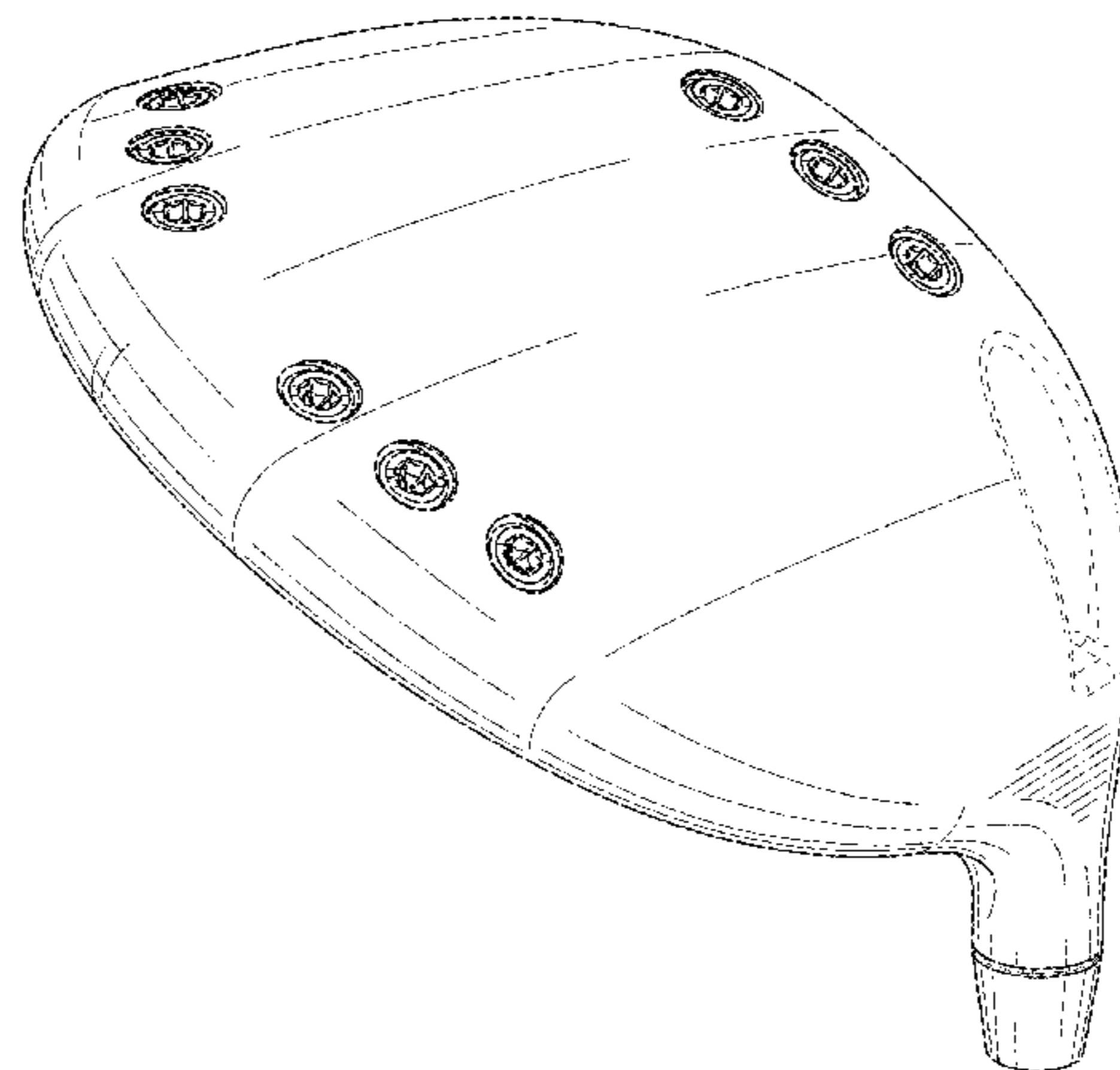
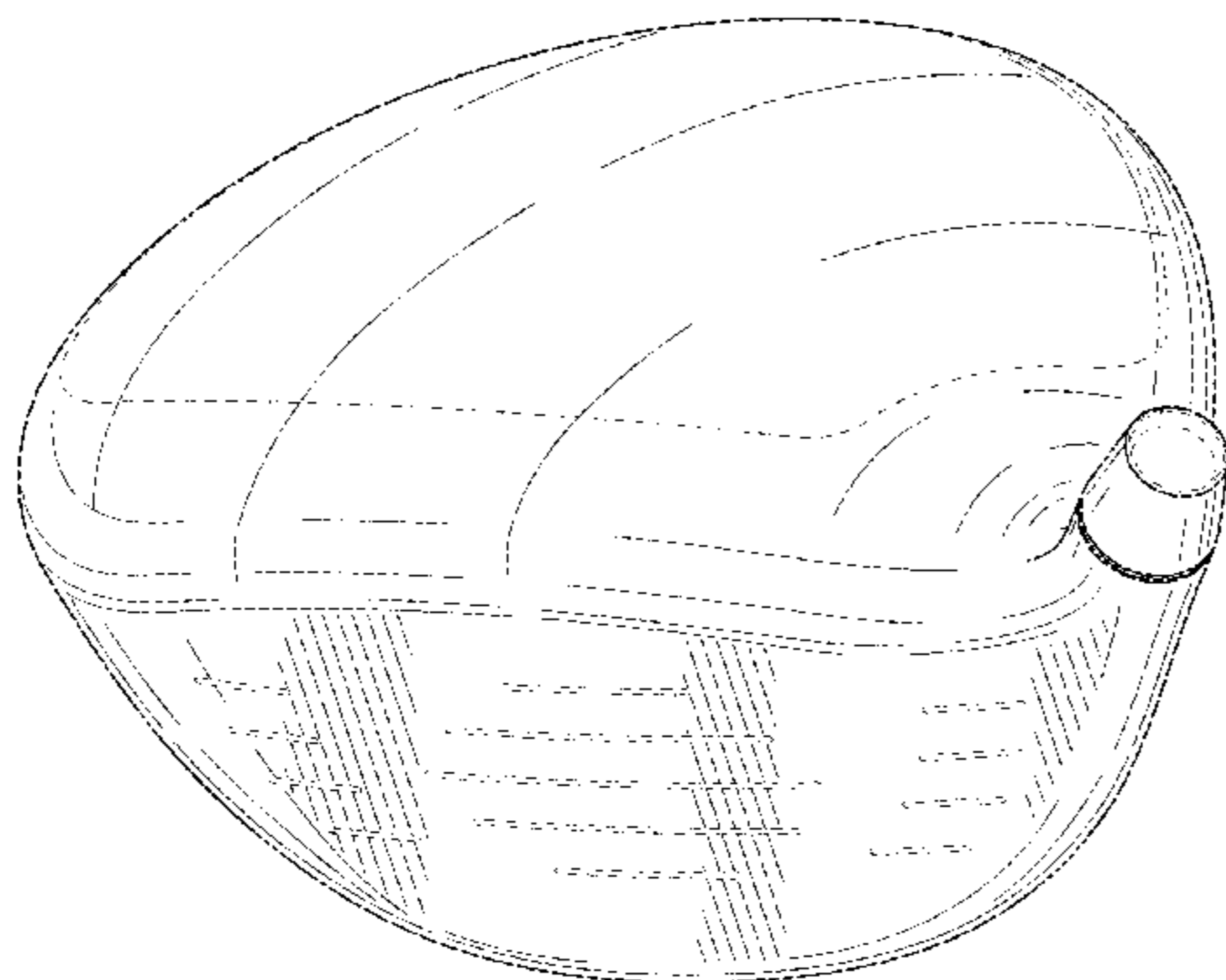
- (63) Continuation-in-part of application No. 29/616,688,
filed on Sep. 7, 2017.
- (51) **LOC (11) Cl.** **21-02**
- (52) **U.S. Cl.**
USPC **D21/752**
- (58) **Field of Classification Search**
USPC D21/733, 752, 759
CPC A63B 53/00; A63B 53/04; A63B 53/0466;
A63B 2053/002; A63B 2053/0445; A63B
2053/0433; A63B 2053/0491; A63B
2053/0437
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,133,129 A 3/1915 Govan
- 1,269,745 A * 6/1918 Robertson A63B 53/04
473/344
- 1,306,029 A 6/1919 Robertson
- D55,867 S 7/1920 Mattern

- 1,509,429 A * 9/1924 Hillerich A63B 53/04
473/342
- 1,534,600 A * 4/1925 Mattern A63B 53/08
473/337
- 1,538,312 A * 5/1925 Beat A63B 53/08
473/335
- 1,543,691 A * 6/1925 Beat A63B 53/08
473/342
- 1,774,590 A * 9/1930 Buhcke A63B 53/04
473/328
- D94,549 S * 2/1935 Jansky D21/752
- D94,550 S * 2/1935 Jansky D21/752
- D136,442 S 8/1944 Link
- D138,437 S * 8/1944 Link D21/752
- D138,438 S * 8/1944 Link D21/752
- D138,439 S * 8/1944 Link D21/752
- D138,441 S * 8/1944 Link D21/752
- D138,442 S * 8/1944 Link D21/752
- D164,469 S 9/1951 Behrendt
- D185,177 S * 5/1959 Smith D21/752
- 3,020,048 A 2/1962 Carroll
- D203,936 S 3/1966 Long
- D215,101 S 9/1969 Sabat
- 3,556,553 A 1/1971 Kolbe
- 3,652,094 A 3/1972 Glover
- D229,431 S * 11/1973 Baker D21/752
- D234,609 S * 3/1975 Raymont D21/752
- D234,610 S * 3/1975 Raymont D21/752
- D234,963 S 4/1975 Hirata
- D239,550 S 4/1976 Timbrook
- D240,054 S 5/1976 Meissler
- D240,748 S 7/1976 Bock
- D241,956 S * 10/1976 Timbrook D21/752
- 4,085,934 A 4/1978 Churchward
- D253,778 S * 12/1979 Madison D21/752
- D261,167 S 10/1981 Swanson
- 4,332,388 A 6/1982 Crow
- D285,954 S * 9/1986 Hasegawa D21/752
- D294,617 S 3/1988 Perkins
- 4,754,977 A 7/1988 Sahm
- 4,824,116 A 4/1989 Nagamoto et al.
- D307,783 S 5/1990 Iinuma
- 4,988,104 A 1/1991 Shiotani et al.
- D326,885 S 6/1992 Paul
- 5,158,296 A 10/1992 Lee
- 5,176,384 A 1/1993 Sata et al.
- 5,213,328 A 5/1993 Long et al.
- 5,213,329 A 5/1993 Okumoto et al.
- D336,672 S 6/1993 Gorman
- D344,561 S 2/1994 Gorman
- D351,883 S * 10/1994 Solheim D21/752
- D353,862 S 12/1994 Saito
- D357,520 S 4/1995 Helmstetter et al.



US D839,372 S

5,419,560 A	5/1995	Bamber		D523,917 S	6/2006	Wolfe et al.
5,425,535 A	6/1995	Gee		D524,889 S	7/2006	Yu et al.
D361,358 S	8/1995	Simmons		D526,372 S	8/2006	Kohno
5,447,311 A	9/1995	Viollaz et al.		D526,694 S	8/2006	Schweigert et al.
5,451,056 A	9/1995	Manning		7,121,956 B2	10/2006	Lo
D362,884 S	10/1995	Blough et al.		7,128,663 B2	10/2006	Bamber
D362,885 S	10/1995	Blough et al.		D534,595 S	1/2007	Hasebe
D362,887 S	10/1995	Blough et al.		D534,599 S	1/2007	Barez et al.
5,518,243 A *	5/1996	Redman	A63B 53/04	7,156,751 B2	1/2007	Wahl et al.
			473/334	7,166,040 B2	1/2007	Hoffman et al.
D370,514 S	6/1996	Blough et al.		D536,401 S *	2/2007	Kawami D21/759
D371,816 S	7/1996	Yoshioka		D536,402 S	2/2007	Kawami
5,540,437 A	7/1996	Bamber		D536,403 S	2/2007	Kawami
D378,111 S *	2/1997	Parente	D21/752	D537,495 S	2/2007	Schweigert et al.
5,637,045 A	6/1997	Igarashi		7,182,698 B2	2/2007	Tseng
D384,120 S *	9/1997	De La Cruz	D21/752	D538,363 S	3/2007	Schweigert et al.
5,669,830 A	9/1997	Bamber		D538,371 S *	3/2007	Kawami D21/759
D389,541 S	1/1998	Huan-Chiang		7,186,190 B1	3/2007	Beach et al.
D395,476 S	6/1998	Pond et al.		7,207,900 B2	4/2007	Nicolette et al.
5,766,091 A	6/1998	Humphrey et al.		D543,601 S	5/2007	Kawami
5,766,092 A	6/1998	Mimeur et al.		7,223,180 B2	5/2007	Willett et al.
5,788,584 A *	8/1998	Parente	A63B 53/04	D552,198 S	10/2007	Schweigert et al.
			473/290	D555,219 S	11/2007	Lin
D399,277 S	10/1998	Ezaki		D556,287 S	12/2007	Jertson et al.
5,827,132 A	10/1998	Bamber		D557,363 S	12/2007	Jertson et al.
D400,625 S	11/1998	Kubica et al.		D558,288 S	12/2007	Jertson et al.
D400,627 S	11/1998	Kubica et al.		7,303,486 B2	12/2007	Imamoto
D405,489 S	2/1999	Kubica et al.		D559,932 S	1/2008	Belmont
D405,492 S	2/1999	Kubica et al.		D562,421 S	2/2008	Jertson et al.
D408,485 S	4/1999	Takahashi et al.		D563,498 S	3/2008	Jertson et al.
5,899,821 A	5/1999	Hsu et al.		D564,054 S	3/2008	Jertson et al.
5,935,016 A	8/1999	Antonious		D564,055 S	3/2008	Jertson et al.
D414,535 S	9/1999	Mertens		7,338,388 B2	3/2008	Schweigert et al.
D421,080 S	2/2000	Chen		7,347,794 B2	3/2008	Schweigert
D426,276 S	6/2000	Besnard et al.		D567,317 S	4/2008	Jertson et al.
6,077,171 A	6/2000	Yoneyama		7,351,164 B2	4/2008	Schweigert et al.
D442,659 S	5/2001	Kubica et al.		D569,933 S	5/2008	Jertson et al.
D443,008 S	5/2001	Kubica et al.		D569,934 S	5/2008	Jertson et al.
D444,830 S	7/2001	Kubica et al.		D569,935 S	5/2008	Schweigert et al.
D445,862 S	7/2001	Ford		D569,936 S	5/2008	Schweigert et al.
6,290,609 B1	9/2001	Takeda		D569,942 S	5/2008	Jertson et al.
D448,824 S	10/2001	Koizumi et al.		D570,937 S	6/2008	Schweigert et al.
D449,866 S	10/2001	Miller		D570,938 S	6/2008	Jertson et al.
D457,211 S	5/2002	Bakke		7,410,425 B2	6/2008	Willett et al.
D469,833 S	2/2003	Roberts et al.		7,396,299 B2	7/2008	Nicolette et al.
D473,605 S	4/2003	Petersen et al.		7,407,447 B2	8/2008	Beach et al.
D475,107 S	5/2003	Madore		7,410,426 B2	8/2008	Willett et al.
D476,048 S	6/2003	Cleveland et al.		7,419,441 B2	9/2008	Hoffman et al.
D478,140 S	6/2003	Burrows		D579,507 S	10/2008	Llewellyn et al.
D478,949 S	8/2003	DeLaCruz		7,448,963 B2	11/2008	Beach et al.
D481,087 S	10/2003	Antonious		7,448,964 B2	11/2008	Schweigert et al.
6,638,162 B2	10/2003	Kosmatka		D584,370 S	1/2009	Cleveland et al.
6,695,714 B1	2/2004	Bliss et al.		7,530,904 B2	5/2009	Beach et al.
6,702,693 B2	3/2004	Bamber		D594,518 S	6/2009	Schweigert
6,773,360 B2	8/2004	Willett et al.		D594,520 S	6/2009	Schweigert et al.
6,780,123 B2	8/2004	Hasebe		D594,521 S	6/2009	Jertson et al.
D497,963 S	11/2004	Toulon et al.		D594,919 S	6/2009	Schweigert et al.
6,811,496 B2	11/2004	Wahl et al.		7,540,811 B2	6/2009	Beach et al.
D499,779 S	12/2004	Mahaffey et al.		D597,620 S	8/2009	Taylor et al.
D502,975 S	3/2005	Schweigert et al.		7,568,985 B2	8/2009	Beach et al.
D503,204 S	3/2005	Nicolette et al.		7,578,753 B2	8/2009	Beach et al.
D507,320 S	7/2005	Roberts et al.		D600,297 S	9/2009	Jertson et al.
D508,545 S	8/2005	Roberts et al.		7,584,531 B2	9/2009	Schweigert et al.
D508,969 S	8/2005	Hasebe		7,588,502 B2	9/2009	Nishino
6,923,733 B2	8/2005	Chen		7,591,738 B2	9/2009	Beach et al.
6,939,247 B1	9/2005	Schweigert et al.		D603,472 S	11/2009	Schweigert et al.
D513,051 S	12/2005	Barez et al.		D604,783 S	11/2009	Nicolette et al.
D514,179 S	1/2006	Chen et al.		7,611,424 B2	11/2009	Nagai et al.
D514,183 S	1/2006	Schweigert et al.		7,621,823 B2	11/2009	Beach et al.
D514,185 S	1/2006	Barez et al.		D605,715 S	12/2009	Barez et al.
D516,650 S	3/2006	Wolfe et al.		D606,605 S	12/2009	Wada et al.
D518,863 S	4/2006	Motoyoshi et al.		D607,070 S	12/2009	Wada et al.
D520,585 S	5/2006	Hasebe		D607,071 S	12/2009	Wada et al.
D520,586 S	5/2006	Bingman		7,632,194 B2	12/2009	Beach et al.
D522,077 S	5/2006	Schweigert et al.		7,658,686 B2	2/2010	Soracco
D522,601 S	6/2006	Schweigert et al.		D612,438 S	3/2010	Carlyle et al.
D523,104 S	6/2006	Hasebe		D612,439 S	3/2010	Carlyle et al.
D523,498 S	6/2006	Chen et al.		7,713,142 B2	5/2010	Hoffman et al.
D523,501 S	6/2006	Nicolette et al.		7,717,804 B2	5/2010	Beach et al.

US D839,372 S

7,717,805 B2	5/2010	Beach et al.		8,979,671 B1 *	3/2015	DeMille	A63B 53/0466
D617,406 S	6/2010	Carlyle et al.					473/334
D618,293 S	6/2010	Foster et al.		D726,265 S	4/2015	Nicolette	
D618,746 S	6/2010	Jertson et al.		D729,892 S *	5/2015	Nicolette	D21/752
D618,747 S	6/2010	Schweigert et al.		D733,234 S *	6/2015	Nicolette	D21/752
D618,753 S	6/2010	Jertson et al.		9,199,140 B1 *	12/2015	Schweigert	A63B 53/0466
D618,754 S	6/2010	Schweigert et al.		9,199,143 B1	12/2015	Parsons et al.	
7,744,484 B1	6/2010	Chao		D746,927 S *	1/2016	Parsons	D21/752
D621,893 S	8/2010	Nicolette et al.		D748,214 S	1/2016	Nicolette et al.	
7,798,203 B2	9/2010	Schweigert et al.		D748,749 S	2/2016	Nicolette et al.	
7,798,917 B2	9/2010	Nguyen et al.		D753,251 S *	4/2016	Schweigert	D21/759
7,815,521 B2	10/2010	Ban et al.		D755,319 S *	5/2016	Nicolette	D21/759
7,846,040 B2	12/2010	Ban		D756,471 S	5/2016	Nicolette et al.	
7,846,041 B2	12/2010	Beach et al.		9,352,197 B2 *	5/2016	Parsons	A63B 53/0466
D633,967 S	3/2011	Carlyle et al.		D759,178 S *	6/2016	Nicolette	D21/759
D635,626 S	4/2011	Nicolette		D760,334 S *	6/2016	Schweigert	D21/752
7,927,229 B2	4/2011	Jertson et al.		9,399,158 B2 *	7/2016	Parsons	A63B 53/047
D638,893 S	5/2011	Schweigert et al.		9,421,437 B2	8/2016	Parsons et al.	
D638,896 S	5/2011	Schweigert et al.		9,427,634 B2	8/2016	Parsons et al.	
7,938,738 B2	5/2011	Roach		D767,696 S *	9/2016	Parsons	D21/752
7,963,861 B2	6/2011	Beach et al.		D776,216 S *	1/2017	Schweigert	D21/752
D643,490 S	8/2011	Wada et al.		D777,858 S *	1/2017	Schweigert	D21/752
8,012,038 B1	9/2011	Beach et al.		9,555,295 B2 *	1/2017	Schweigert	A63B 53/0466
D647,585 S	10/2011	Jertson et al.		9,630,070 B2 *	4/2017	Parsons	A63B 53/0466
8,062,150 B2	11/2011	Gilbert et al.		D802,069 S *	11/2017	Parsons	D21/752
8,088,025 B2	1/2012	Wahl et al.		D802,070 S *	11/2017	Parsons	D21/752
8,092,319 B1	1/2012	Cackett et al.		D807,976 S *	1/2018	Parsons	D21/752
8,105,180 B1	1/2012	Cackett et al.		2002/0107087 A1	8/2002	Fagot	
D658,248 S	4/2012	Nunez et al.		2003/0139226 A1	7/2003	Cheng et al.	
D661,751 S	6/2012	Nicolette et al.		2003/0176231 A1	9/2003	Hasebe	
D661,756 S	6/2012	Nicolette et al.		2004/0204263 A1	10/2004	Fagot et al.	
8,221,262 B1	7/2012	Cackett et al.		2005/0009632 A1	1/2005	Schweigert et al.	
8,246,487 B1	8/2012	Cackett et al.		2005/0014573 A1	1/2005	Lee	
8,257,196 B1	9/2012	Abbott et al.		2005/0119066 A1	6/2005	Stites et al.	
8,257,197 B2	9/2012	Schweigert		2005/0239569 A1	10/2005	Best et al.	
8,262,506 B2 *	9/2012	Watson	A63B 53/0466	2005/0277485 A1	12/2005	Hou et al.	
			473/334	2006/0105856 A1	5/2006	Lo	
8,328,662 B2	12/2012	Nakamura et al.		2006/0111200 A1	5/2006	Poynor	
D673,630 S	1/2013	Schweigert		2007/0032308 A1	2/2007	Fagot et al.	
D673,632 S	1/2013	Schweigert et al.		2007/0225084 A1	9/2007	Schweigert et al.	
8,371,957 B2	2/2013	Schweigert et al.		2007/0293344 A1	12/2007	Davis	
8,376,878 B2	2/2013	Bennett et al.		2008/0004133 A1	1/2008	Schweigert	
D680,179 S	4/2013	Solheim et al.		2008/0058113 A1	3/2008	Nicolette et al.	
D681,142 S	4/2013	Fossum et al.		2008/0188322 A1	8/2008	Anderson et al.	
8,414,422 B2	4/2013	Peralta et al.		2008/0300065 A1	12/2008	Schweigert	
8,485,919 B2 *	7/2013	Rice	A63B 53/0466	2009/0029790 A1	1/2009	Nicolette et al.	
			473/334	2009/0029795 A1	1/2009	Schweigert et al.	
8,506,420 B2	8/2013	Hocknell et al.		2010/0130306 A1	5/2010	Schweigert	
D689,156 S	9/2013	Stokke et al.		2010/0144461 A1	6/2010	Ban	
D691,230 S	10/2013	Chen et al.		2010/0178999 A1	7/2010	Nicolette et al.	
8,545,343 B2	10/2013	Boyd et al.		2011/0111883 A1	5/2011	Cackett	
8,562,457 B2	10/2013	Beach et al.		2011/0143858 A1	6/2011	Peralta et al.	
8,574,094 B2	11/2013	Nicolette et al.		2011/0165963 A1	7/2011	Cackett et al.	
8,608,587 B2	12/2013	Henrikson et al.		2011/0269567 A1	11/2011	Ban et al.	
8,627,833 B2	1/2014	Amano et al.		2011/0294596 A1	12/2011	Ban	
8,628,431 B2	1/2014	Schweigert et al.		2012/0202615 A1	8/2012	Beach et al.	
8,657,700 B2	2/2014	Nicolette et al.		2013/0137532 A1	5/2013	Deshmukh et al.	
8,663,026 B2	3/2014	Blowers et al.		2013/0225319 A1	8/2013	Kato	
8,690,710 B2	4/2014	Nicolette et al.		2013/0281226 A1	10/2013	Ban	
D707,316 S	6/2014	Aguayo et al.		2013/0288823 A1	10/2013	Hebreo	
D707,317 S	6/2014	Aguayo et al.		2013/0303303 A1	11/2013	Ban	
8,753,230 B2	6/2014	Stokke et al.		2013/0303304 A1	11/2013	Sato	
8,777,778 B2	7/2014	Solheim et al.		2013/0310192 A1	11/2013	Wahl et al.	
8,784,232 B2	7/2014	Jertson et al.		2014/0080621 A1	3/2014	Nicolette et al.	
8,790,196 B2	7/2014	Solheim et al.		2014/0128175 A1	5/2014	Jertson et al.	
8,808,108 B2	8/2014	Schweigert		2014/0274441 A1	9/2014	Greer	
D712,989 S	9/2014	Gillig		2014/0274451 A1	9/2014	Knight et al.	
8,826,512 B2	9/2014	Schweigert		2015/0231454 A1	8/2015	Parsons et al.	
8,827,832 B2	9/2014	Breier et al.		2015/0231806 A1	8/2015	Parsons et al.	
8,845,455 B2	9/2014	Ban et al.					
D714,894 S	10/2014	Tang et al.					
D716,387 S	10/2014	Aguayo et al.					
D716,388 S	10/2014	Aguayo et al.					
8,858,362 B1	10/2014	Leposky et al.					
D721,544 S	1/2015	Hollander					
D722,352 S	2/2015	Nicolette et al.					
D723,120 S	2/2015	Nicolette					
8,961,336 B1	2/2015	Parsons et al.					
D724,164 S *	3/2015	Schweigert	D21/752				

OTHER PUBLICATIONS

International Search Report and Written Opinion issued in connection with corresponding application No. PCT/US2015/016666, dated May 14, 2015 (8 pages).

International Search Report and Written Opinion received in connection with PCT/US15/42484 dated Oct. 19, 2015 (12 pages).

International Search Report and Written Opinion received in connection with PCT Application PCTUS2015042282 dated Oct. 13, 2015 (12 pages).

Kozuchowski, Zak, "Callaway Mack Daddy 2 PM Grind Wedges" (<http://www.golfwrx.com/276203/callaway-mack-daddy-2-pm-grind-wedges/>), www.golfwrx.com, GolfWRX Holdings, LLC, published Jan. 21, 2015.

Wall, Jonathan, "Details: Phil's Prototype Mack Daddy PM—Grind Wedge," (<http://www.pgatour.com/equipmentreport/2015/01/21/callaway-wedge.html>), www.pgatour.com, PGA Tour, Inc., published Jan. 21, 2015.

U.S. Appl. No. 29/512,313, Nicolette, "Golf Club Head," filed Dec. 18, 2014.

* cited by examiner

Primary Examiner — Mitchell I. Siegel

(57)

CLAIM

The ornamental design for a golf club head, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a golf club head;
 FIG. 2 is a bottom perspective view of the golf club head of FIG. 1;
 FIG. 3 is a front elevational view of the golf club head of FIG. 1;
 FIG. 4 is a rear elevational view of the golf club head of FIG. 1;
 FIG. 5 is a top view of the golf club head of FIG. 1;
 FIG. 6 is a bottom view of the golf club head of FIG. 1;
 FIG. 7 is a left side view of the golf club head of FIG. 1;
 FIG. 8 is a right side view of the golf club head of FIG. 1;
 FIG. 9 is a top perspective view of a second embodiment of a golf club head;
 FIG. 10 is a bottom perspective view of the golf club head of FIG. 9;
 FIG. 11 is a front elevational view of the golf club head of FIG. 9;
 FIG. 12 is a rear elevational view of the golf club head of FIG. 9;
 FIG. 13 is a top view of the golf club head of FIG. 9;
 FIG. 14 is a bottom view of the golf club head of FIG. 9;

FIG. 15 is a left side view of the golf club head of FIG. 9;
 FIG. 16 is a right side view of the golf club head of FIG. 9;
 FIG. 17 is a top perspective view of a third embodiment of a golf club head;
 FIG. 18 is a bottom perspective view of the golf club head of FIG. 17;
 FIG. 19 is a front elevational view of the golf club head of FIG. 17;
 FIG. 20 is a rear elevational view of the golf club head of FIG. 17;
 FIG. 21 is a top view of the golf club head of FIG. 17;
 FIG. 22 is a bottom view of the golf club head of FIG. 17;
 FIG. 23 is a left side view of the golf club head of FIG. 17;
 FIG. 24 is a right side view of the golf club head of FIG. 17;
 FIG. 25 is a top perspective view of a fourth embodiment of a golf club head;
 FIG. 26 is a bottom perspective view of the golf club head of FIG. 25;
 FIG. 27 is a front elevational view of the golf club head of FIG. 25;
 FIG. 28 is a rear elevational view of the golf club head of FIG. 25;
 FIG. 29 is a top view of the golf club head of FIG. 25;
 FIG. 30 is a bottom view of the golf club head of FIG. 25;
 FIG. 31 is a left side view of the golf club head of FIG. 25;
 FIG. 32 is a right side view of the golf club head of FIG. 25;
 FIG. 33 is a top perspective view of a fifth embodiment of a golf club head;
 FIG. 34 is a bottom perspective view of the golf club head of FIG. 33;
 FIG. 35 is a front elevational view of the golf club head of FIG. 33;
 FIG. 36 is a rear elevational view of the golf club head of FIG. 33;
 FIG. 37 is a top view of the golf club head of FIG. 33;
 FIG. 38 is a bottom view of the golf club head of FIG. 33;
 FIG. 39 is a left side view of the golf club head of FIG. 33;
 and,
 FIG. 40 is a right side view of the golf club head of FIG. 33.
 The broken lines are included for the purpose of illustration only. None of the broken lines forms part of the claimed design.

1 Claim, 35 Drawing Sheets

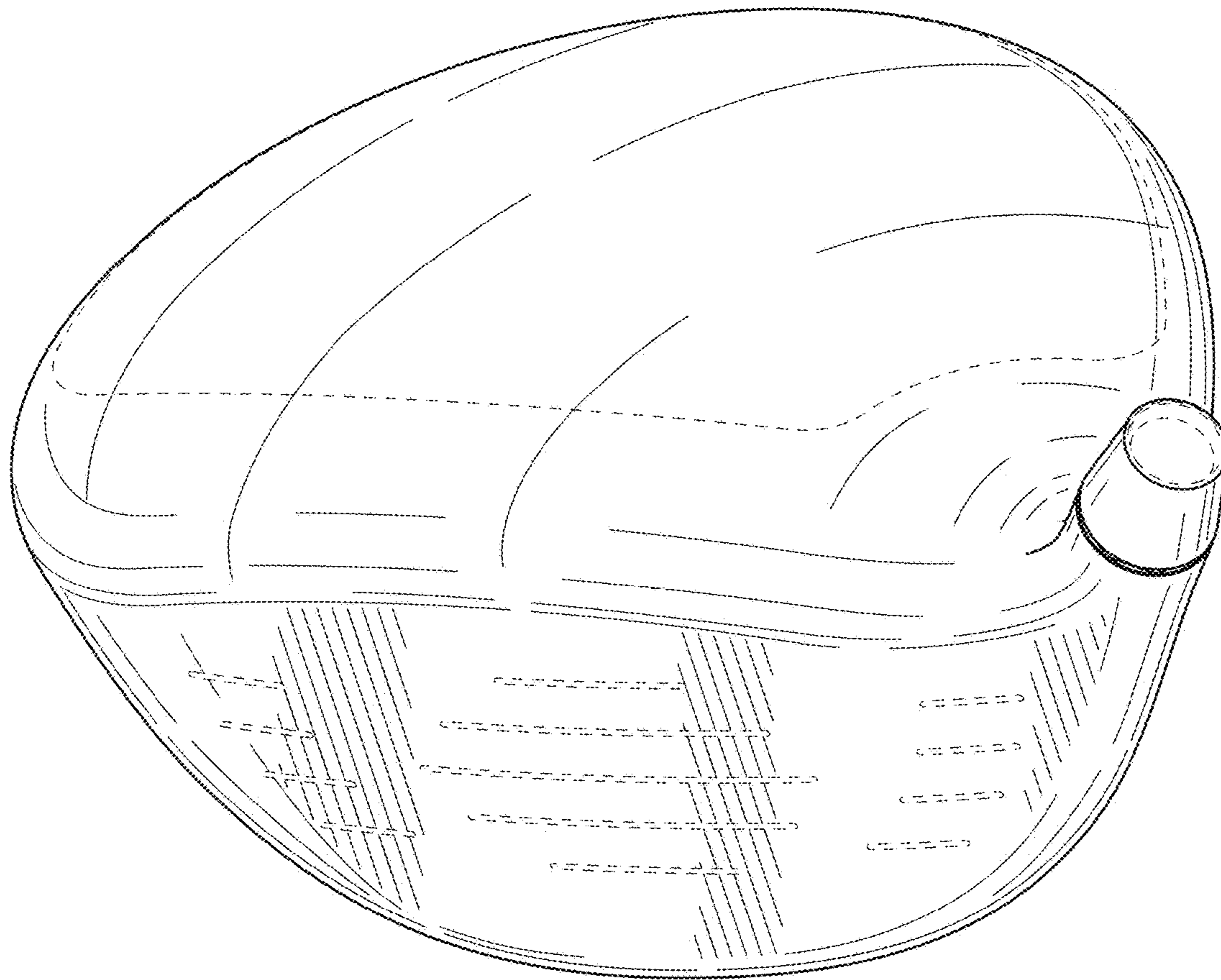


FIG. 1

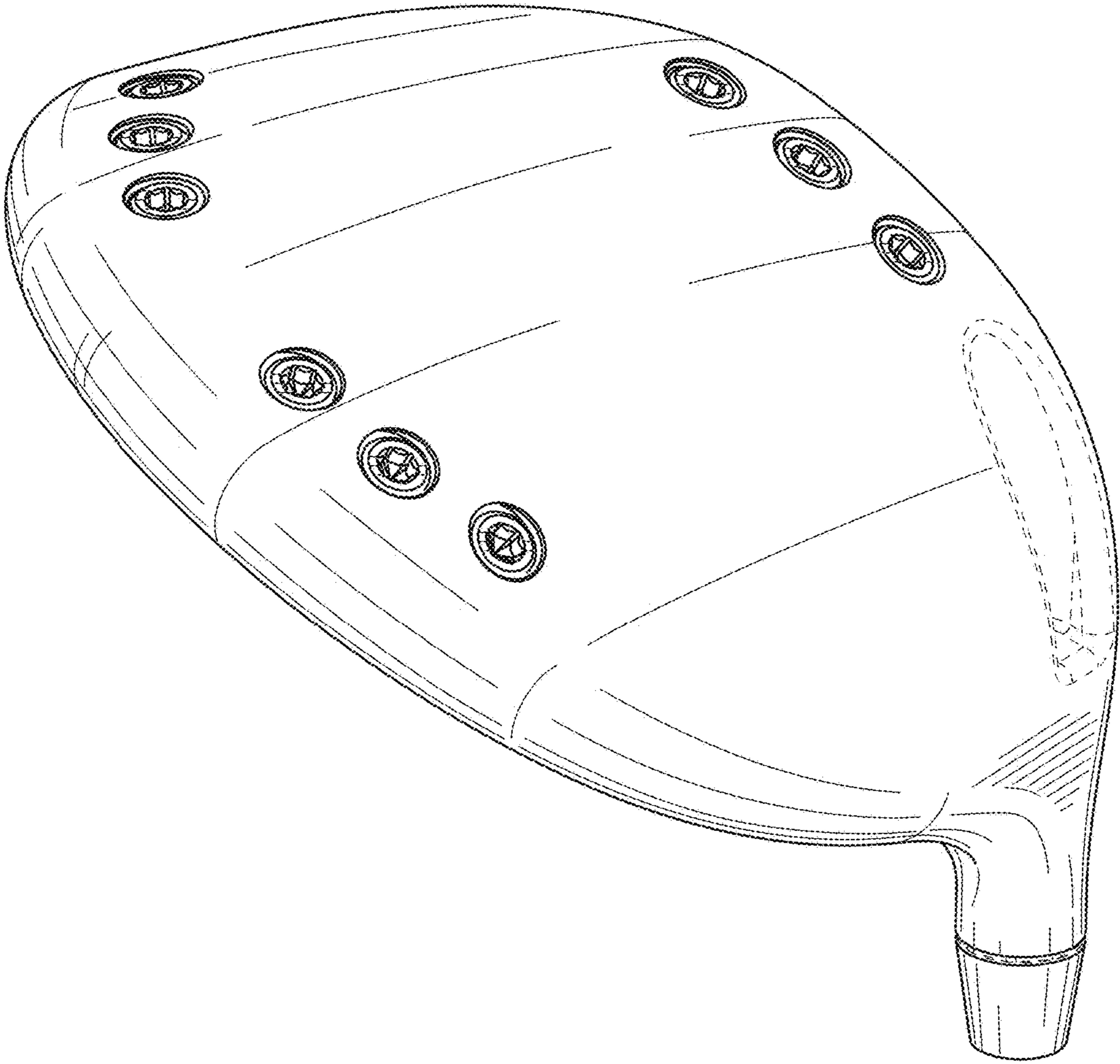


FIG. 2

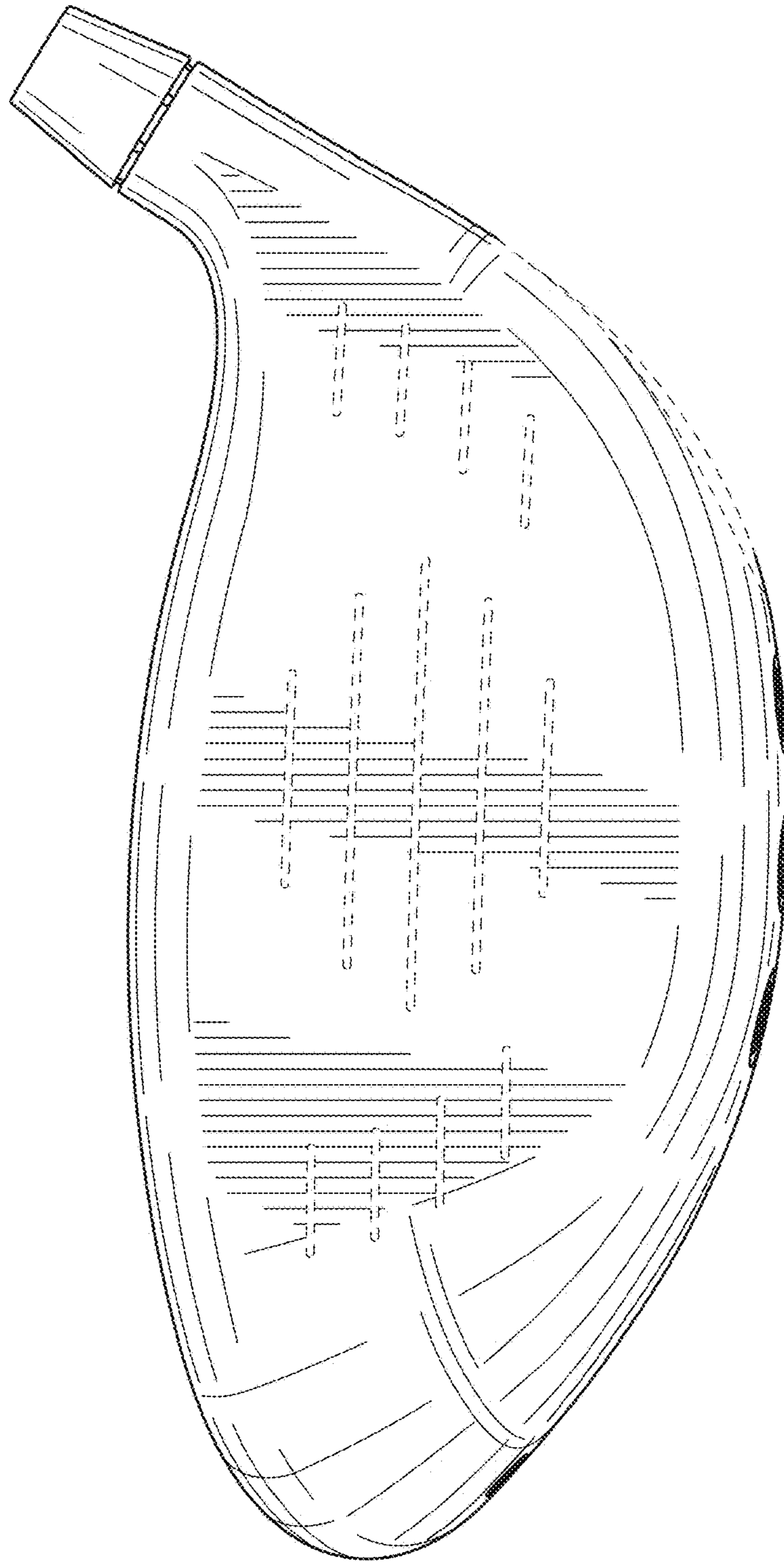


FIG. 3

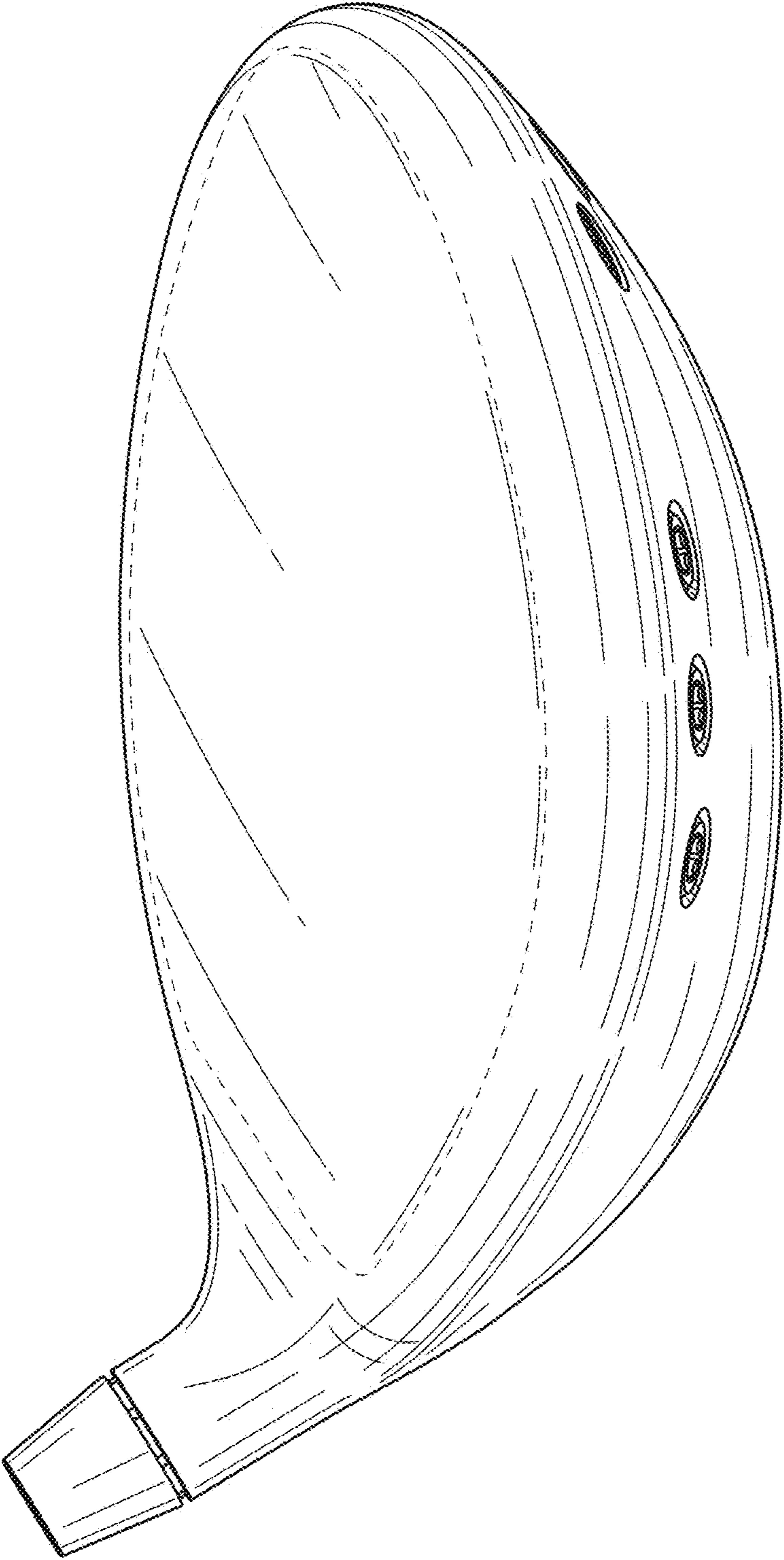


FIG. 4

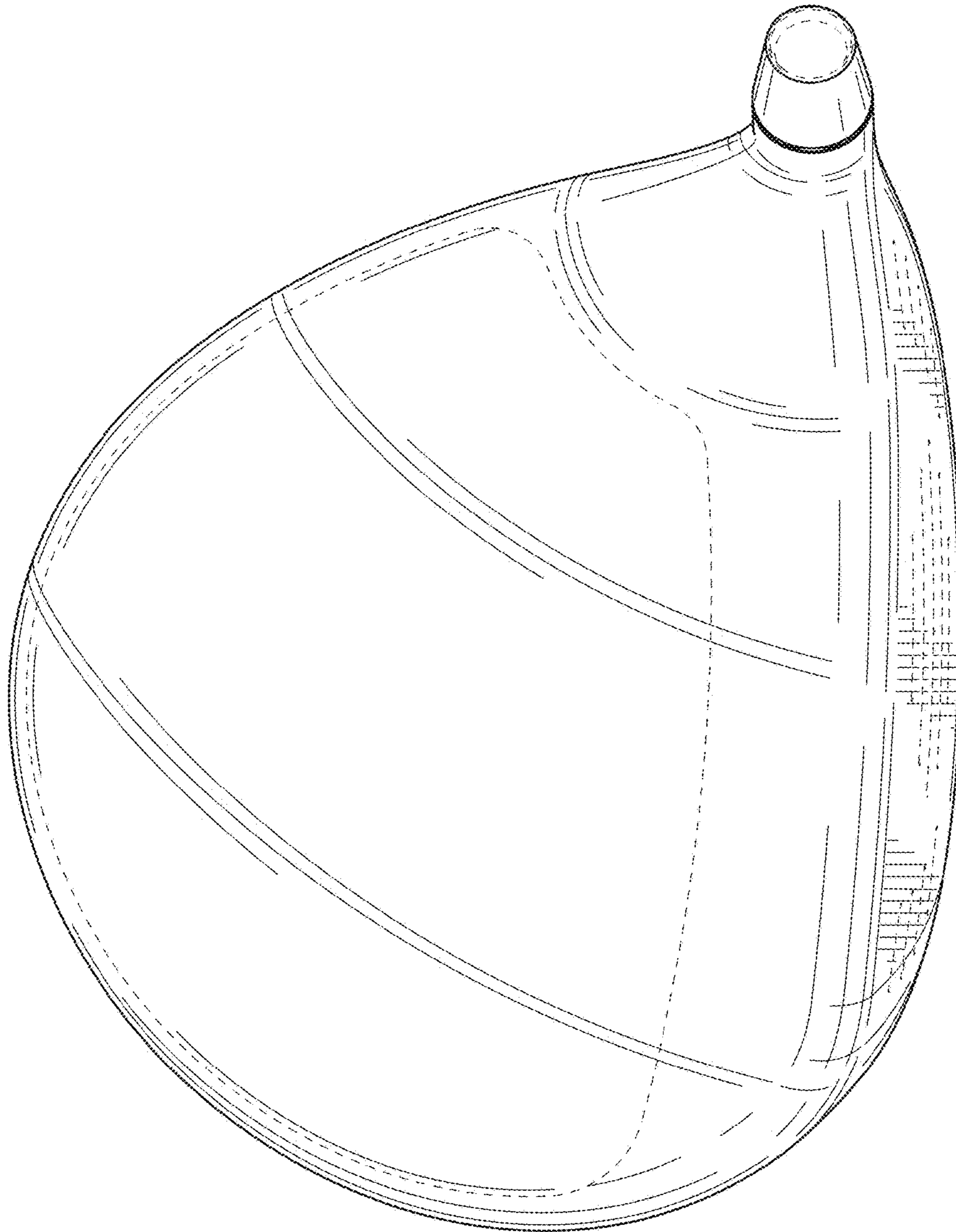


FIG. 5

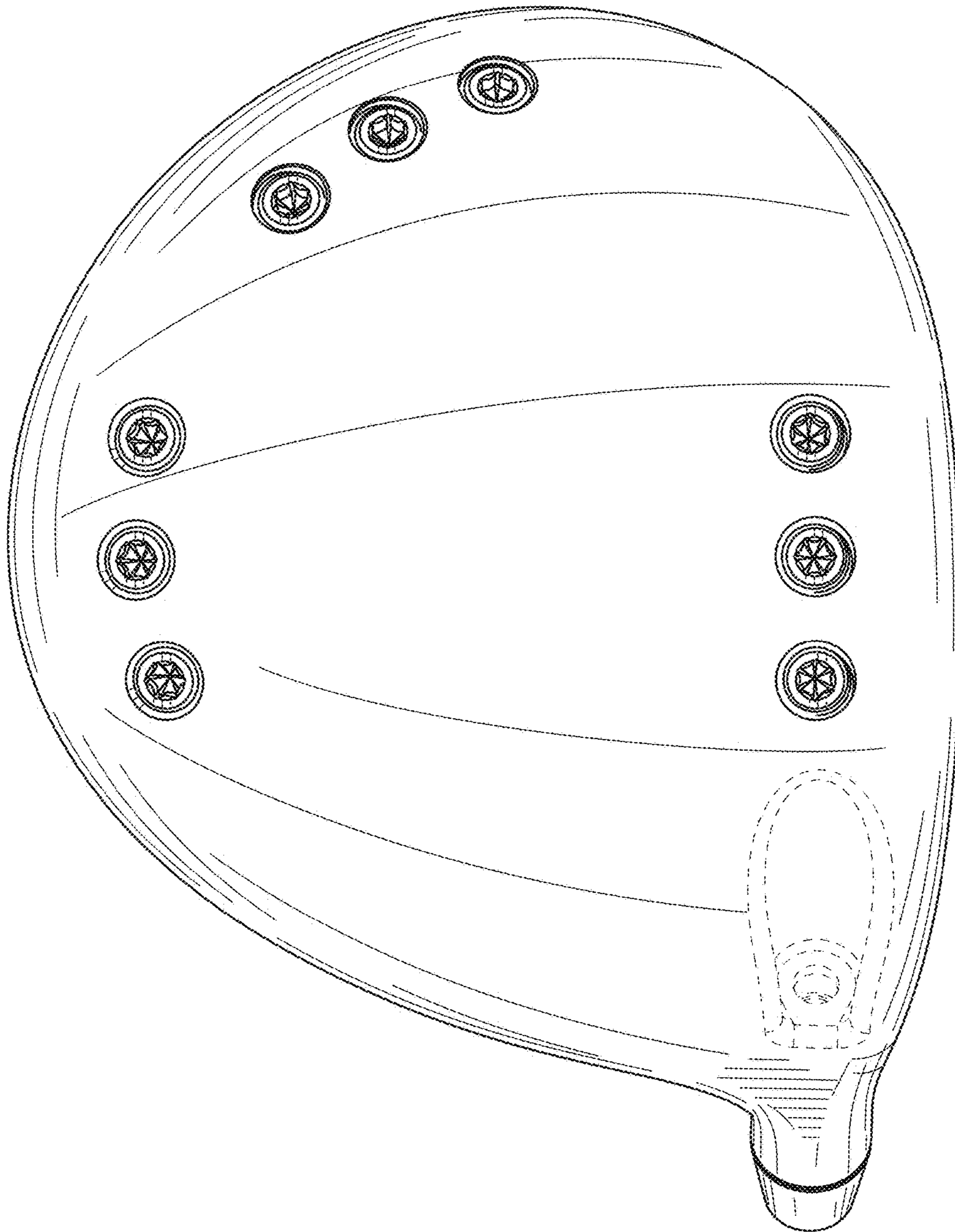


FIG. 6

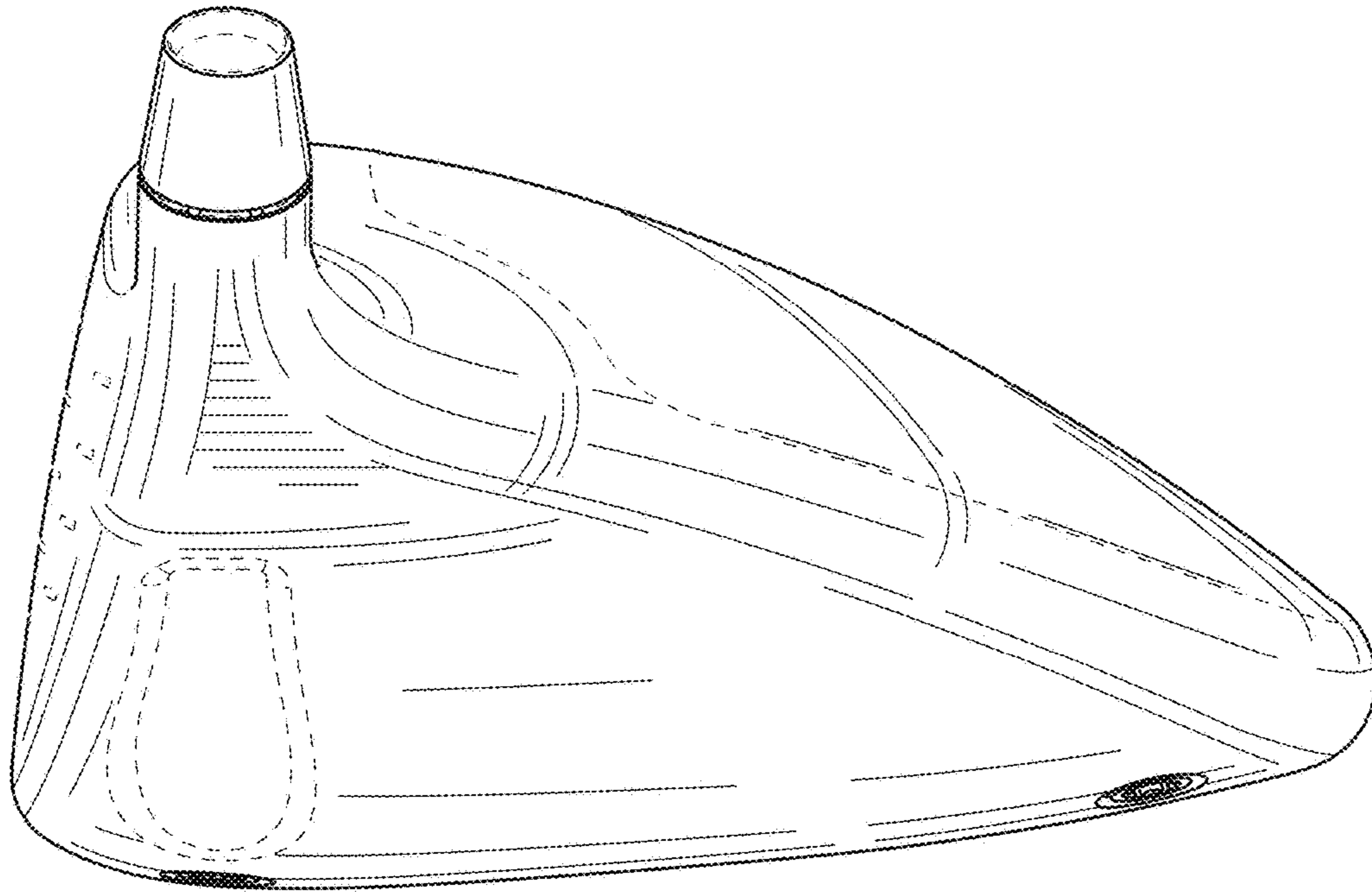


FIG. 7

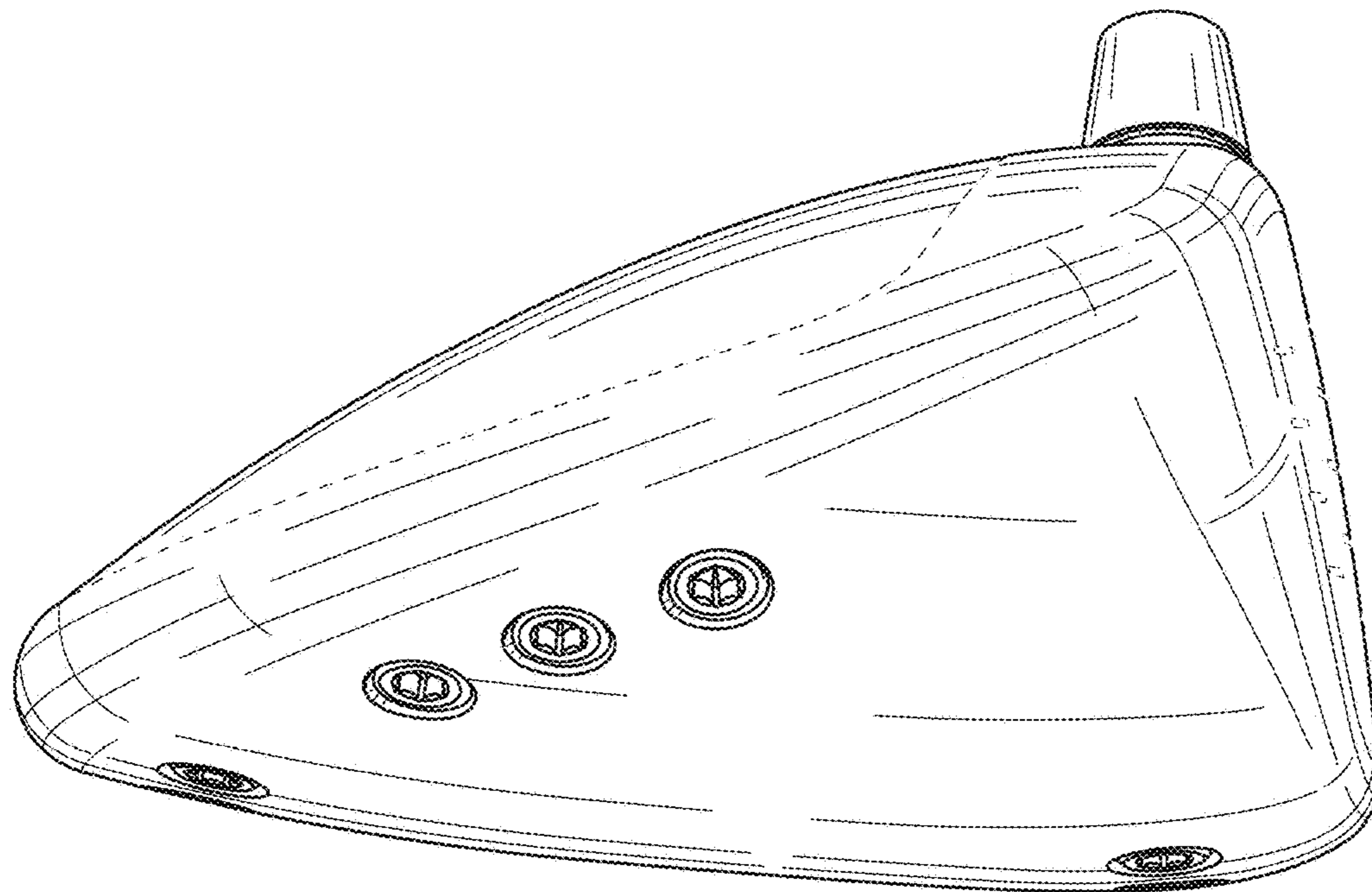


FIG. 8

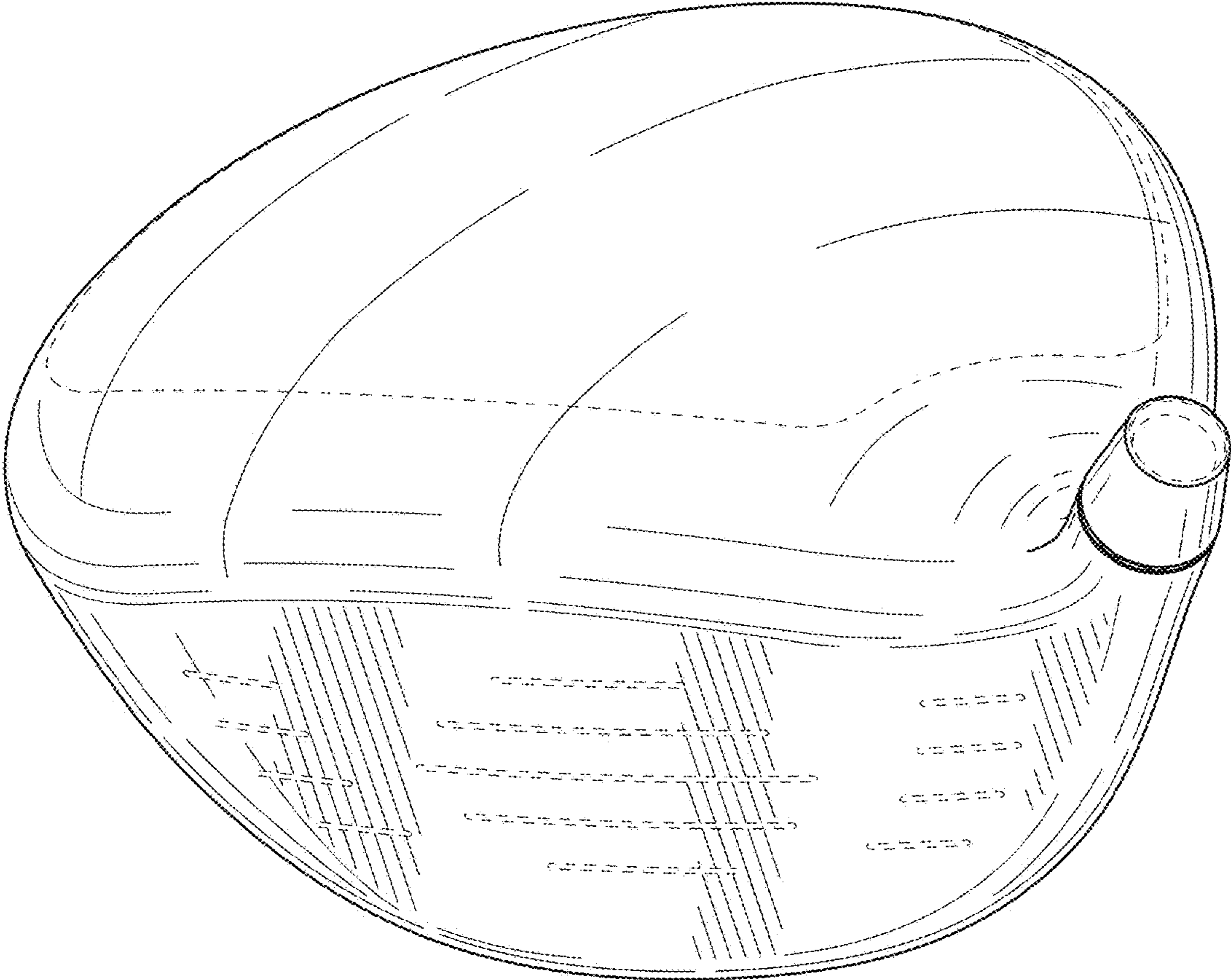


FIG. 9

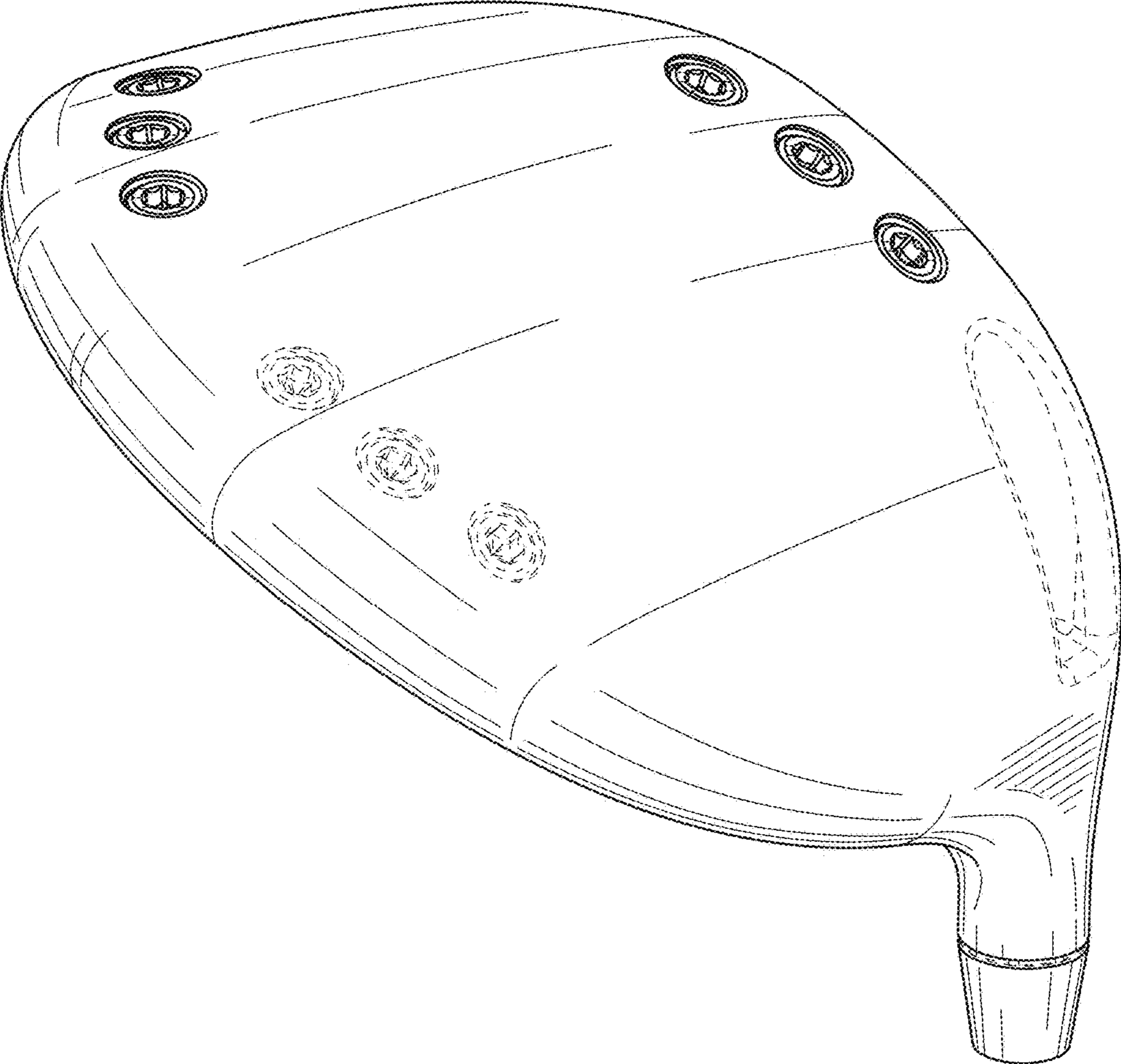


FIG. 10

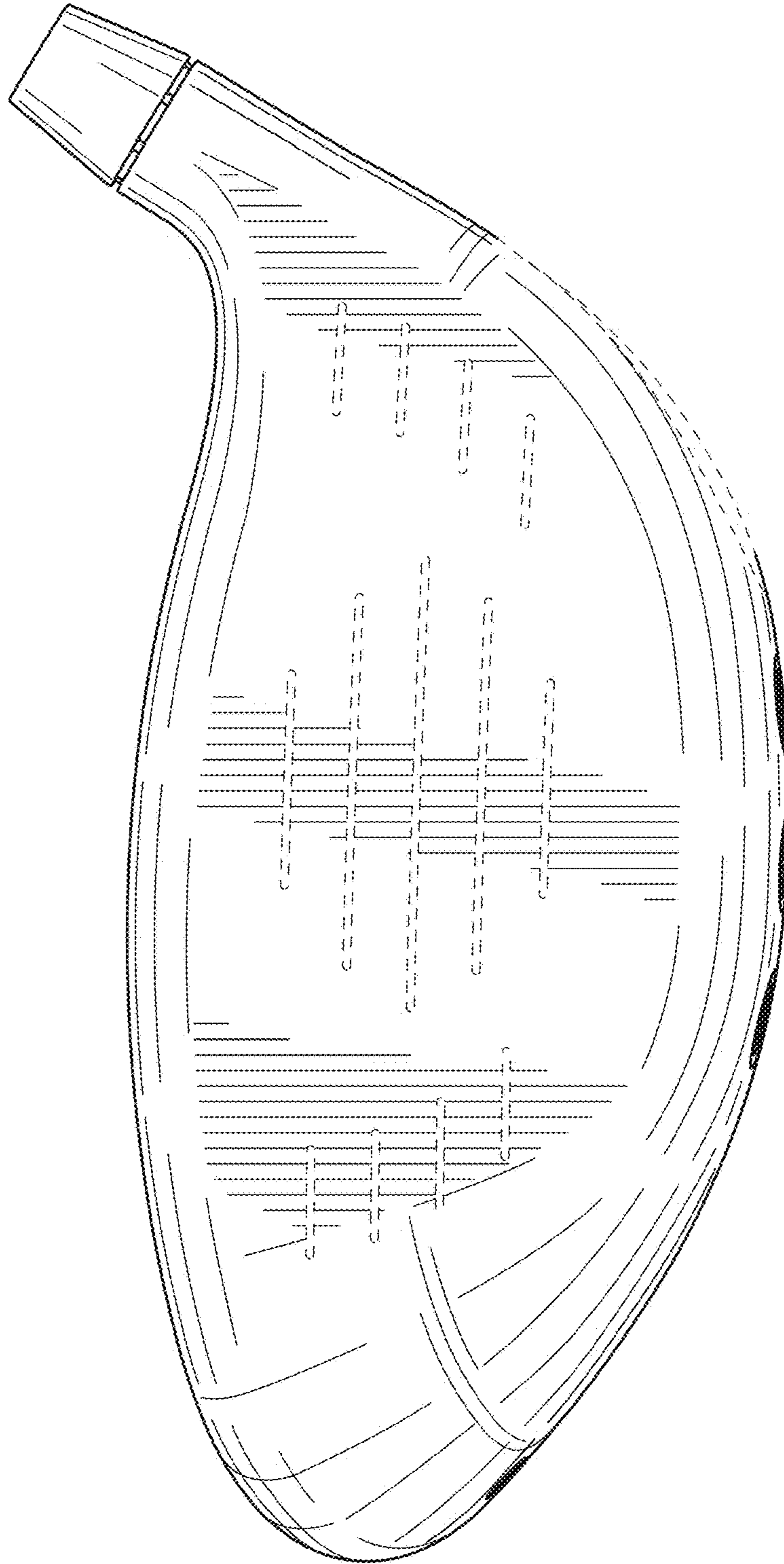


FIG. 11

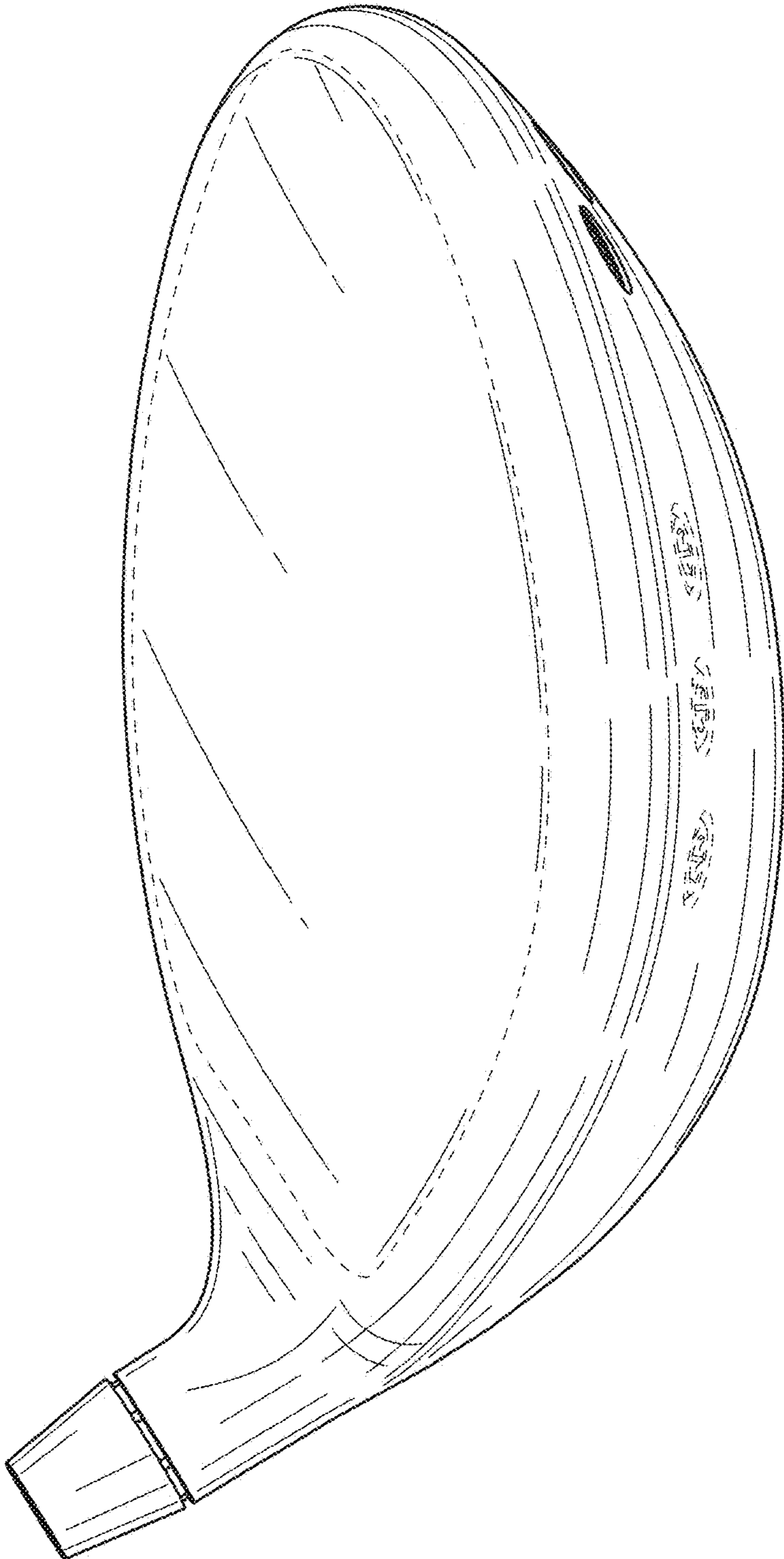


FIG. 12

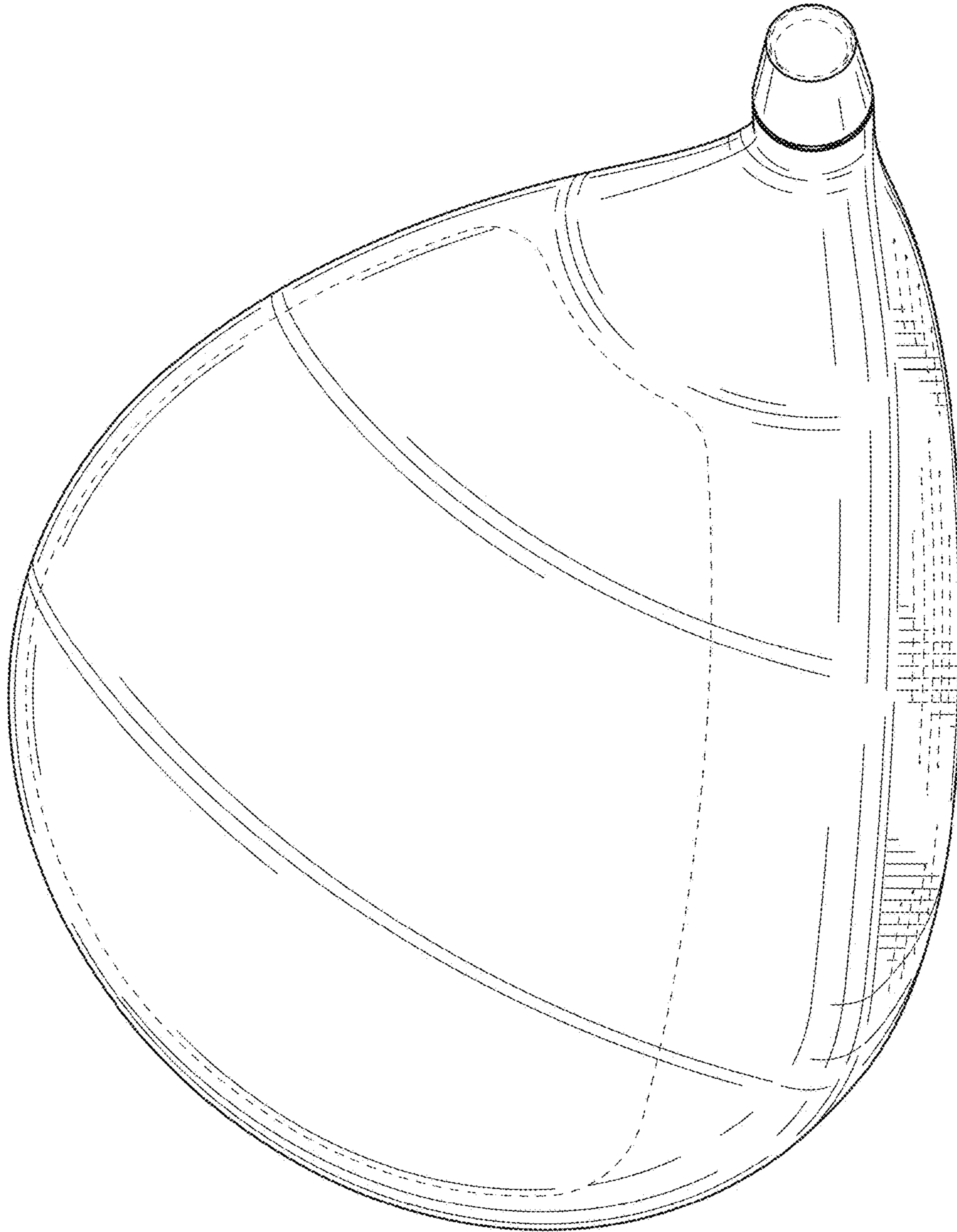


FIG. 13

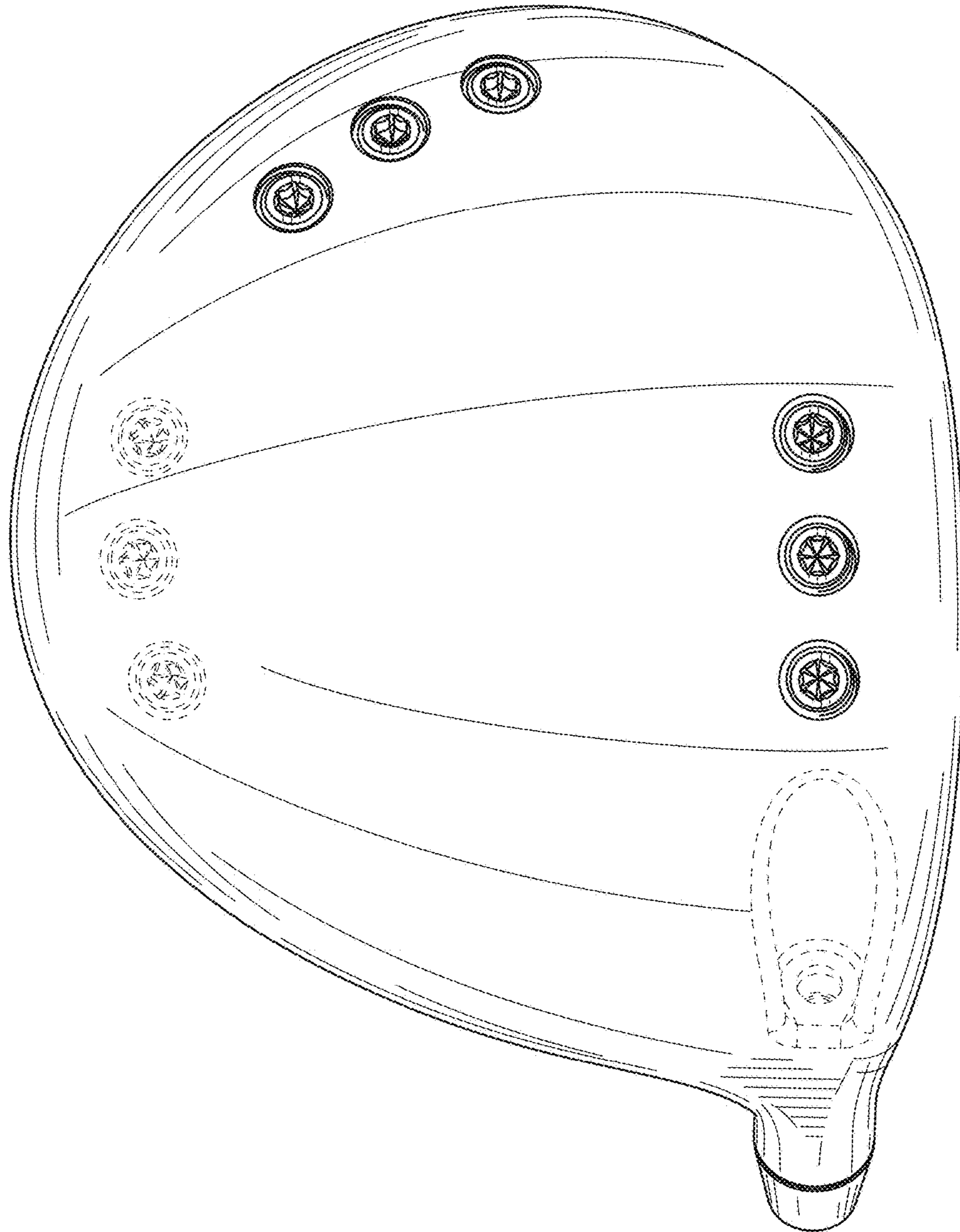


FIG. 14

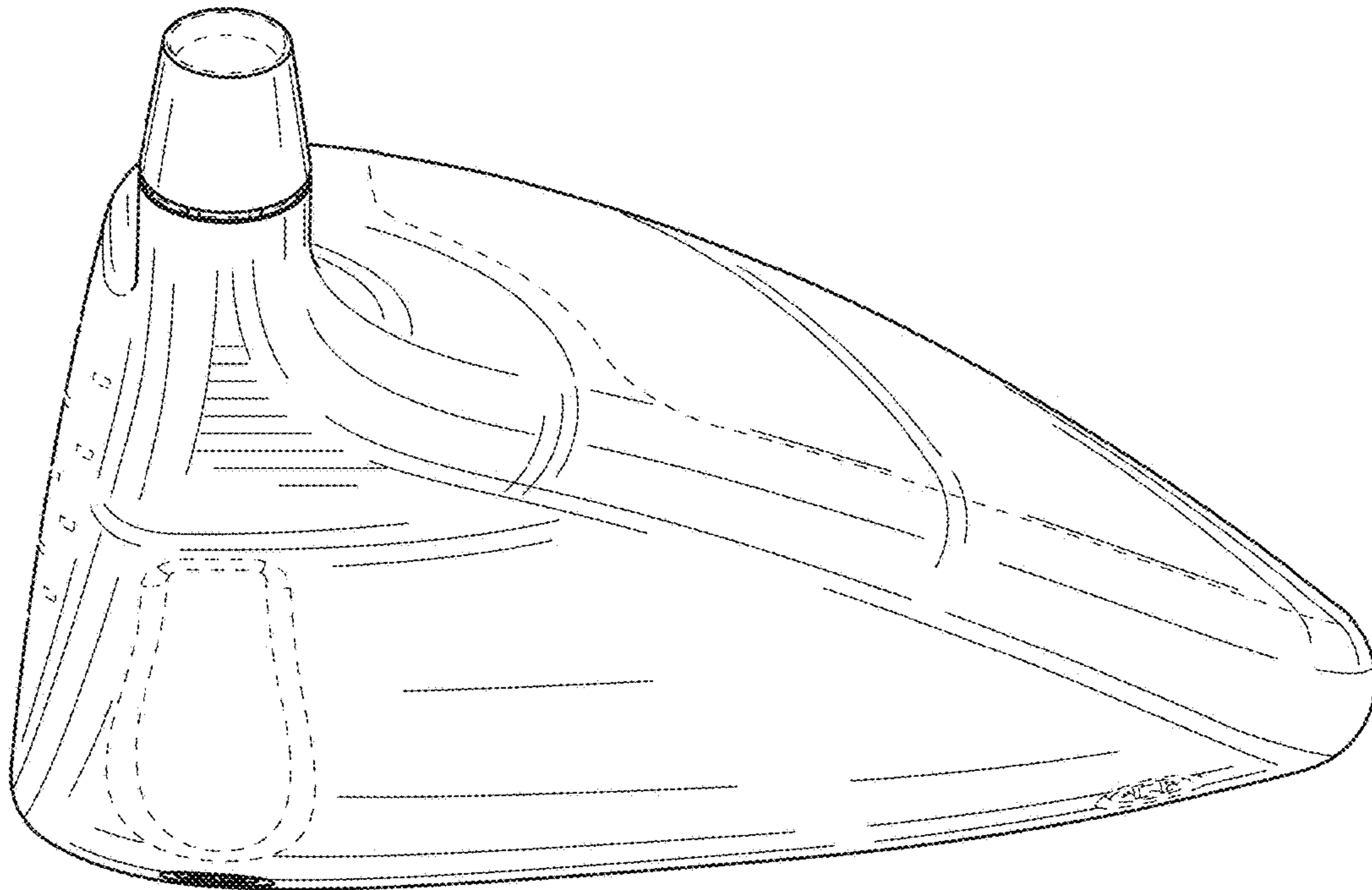


FIG. 15

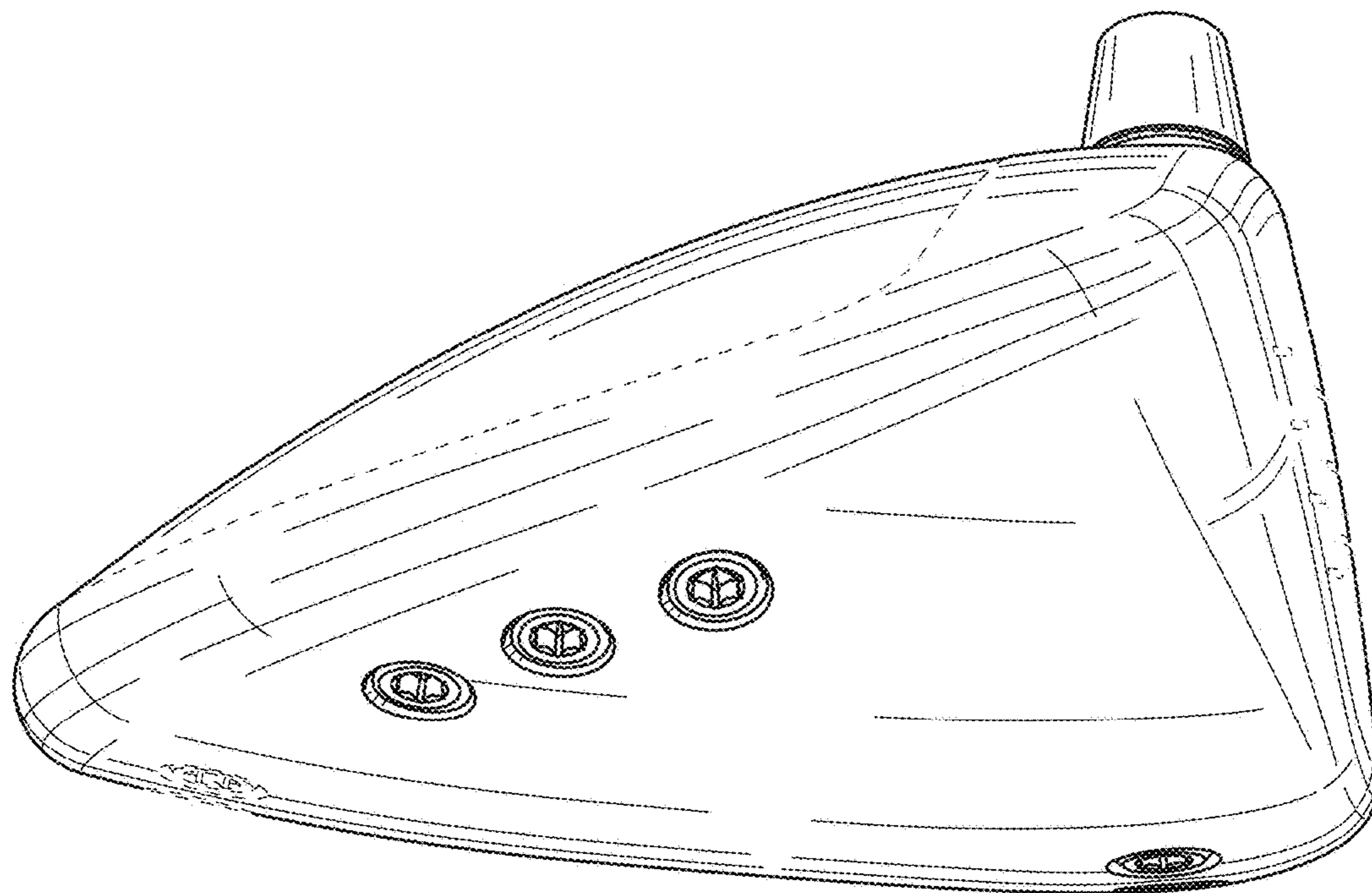


FIG. 16

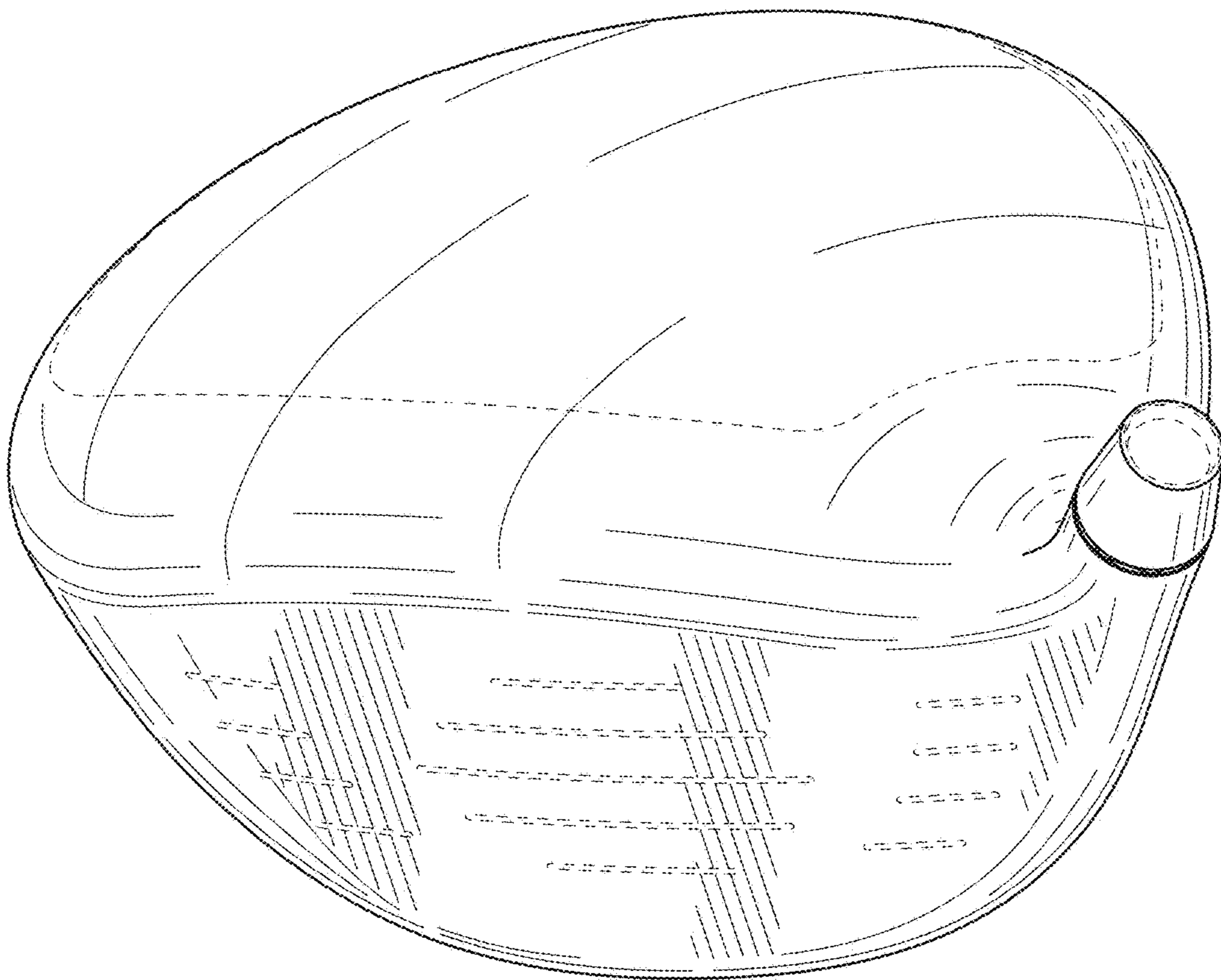


FIG. 17

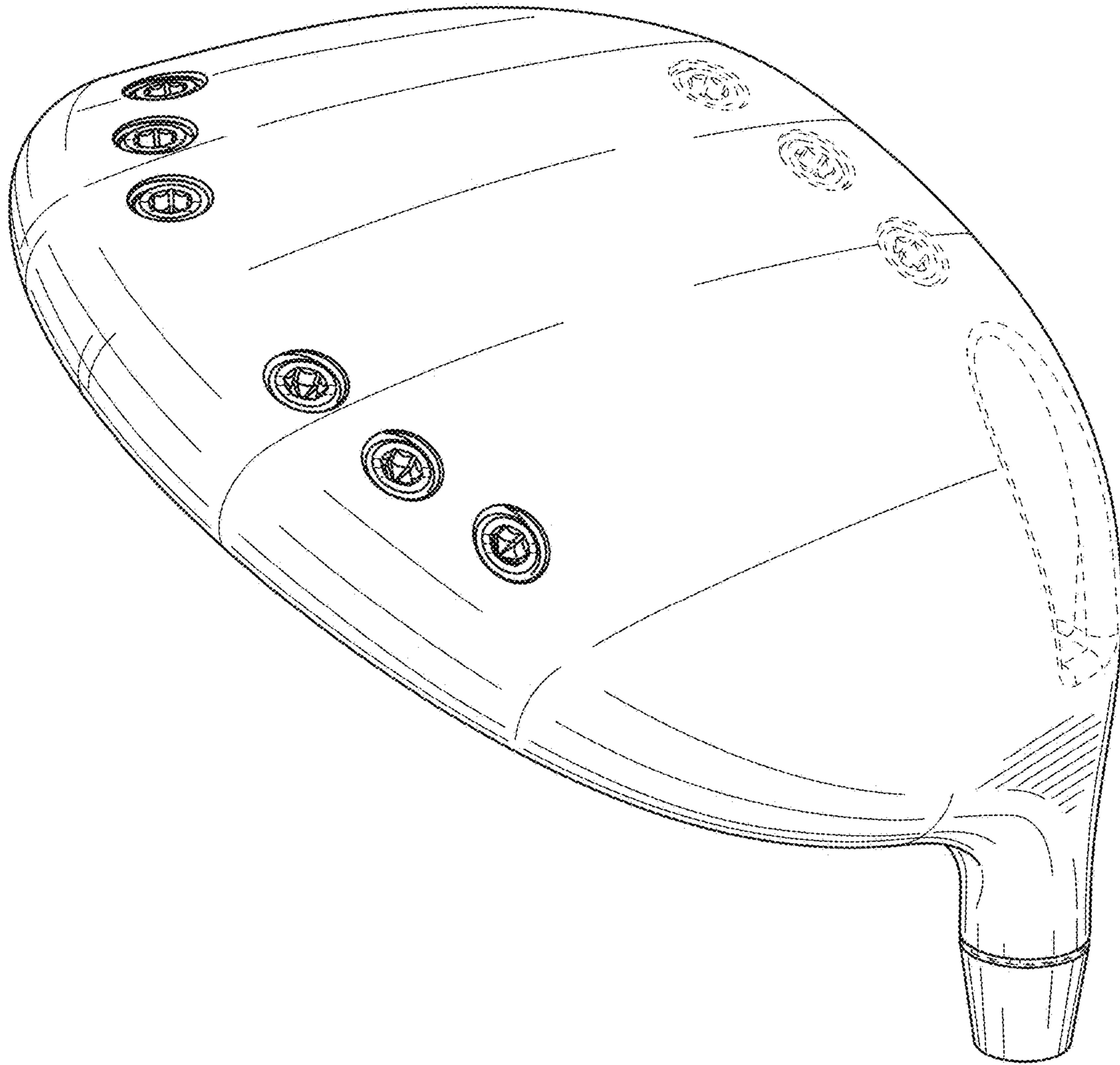


FIG. 18

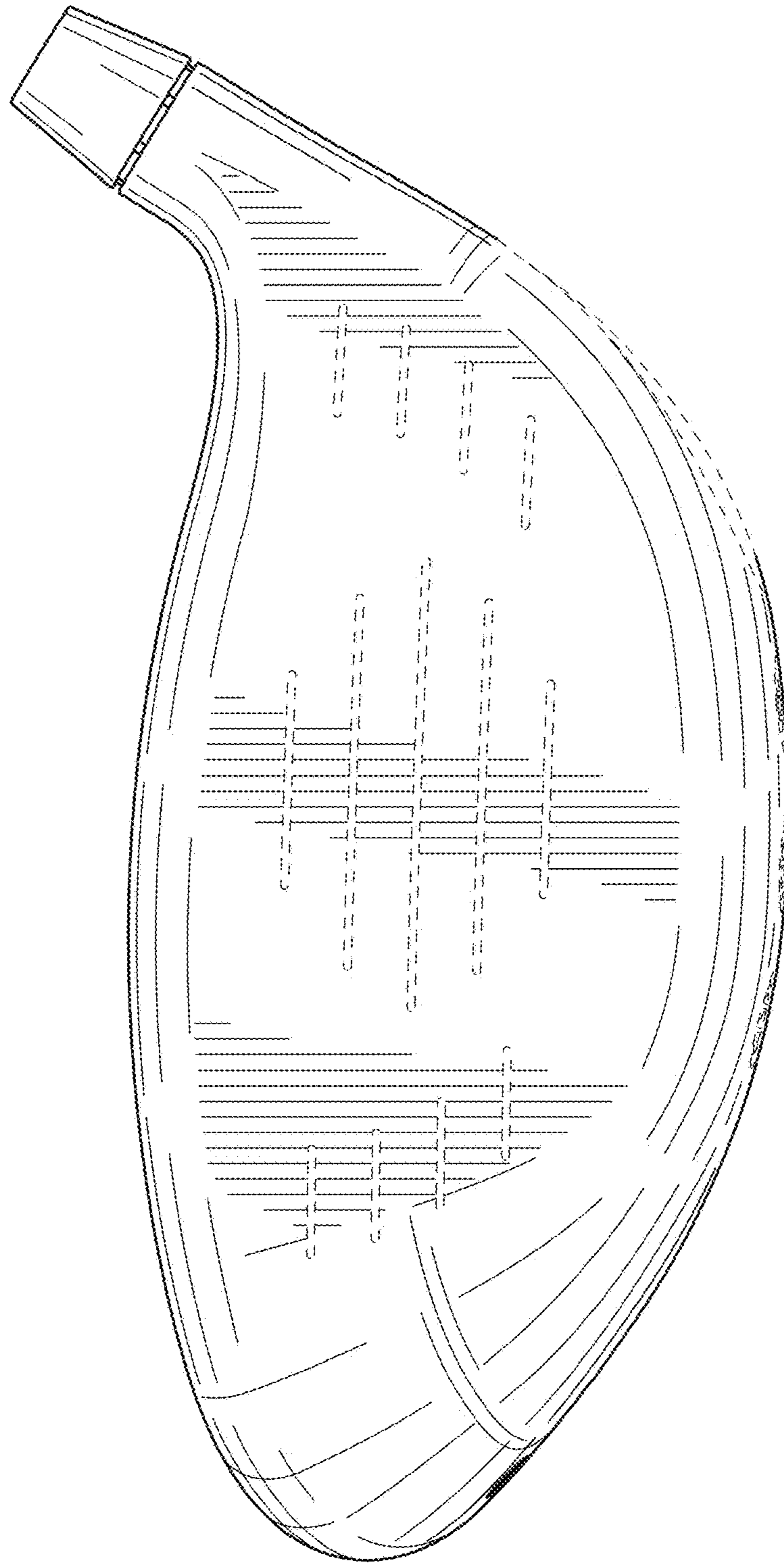


FIG. 19

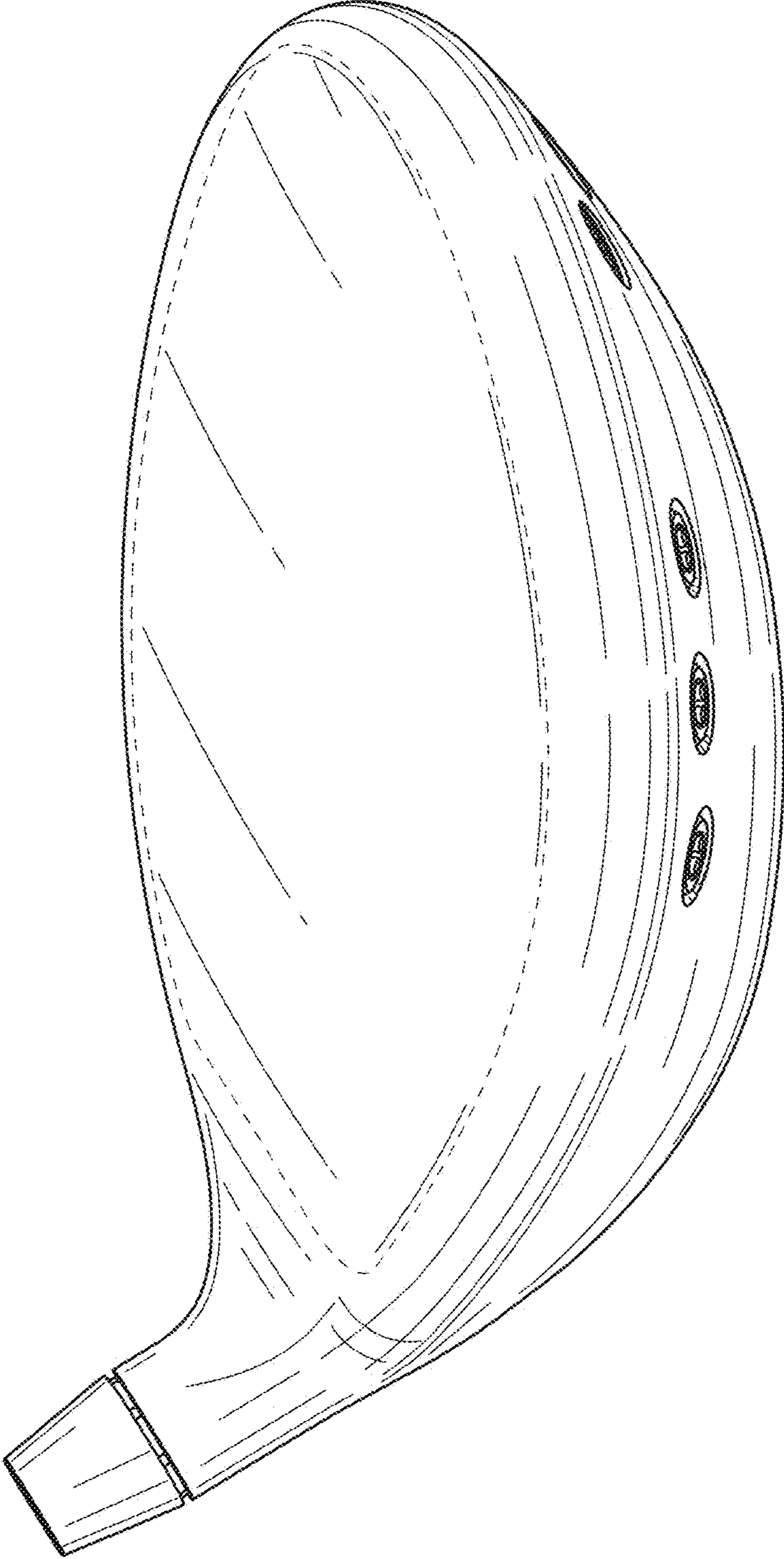


FIG. 20

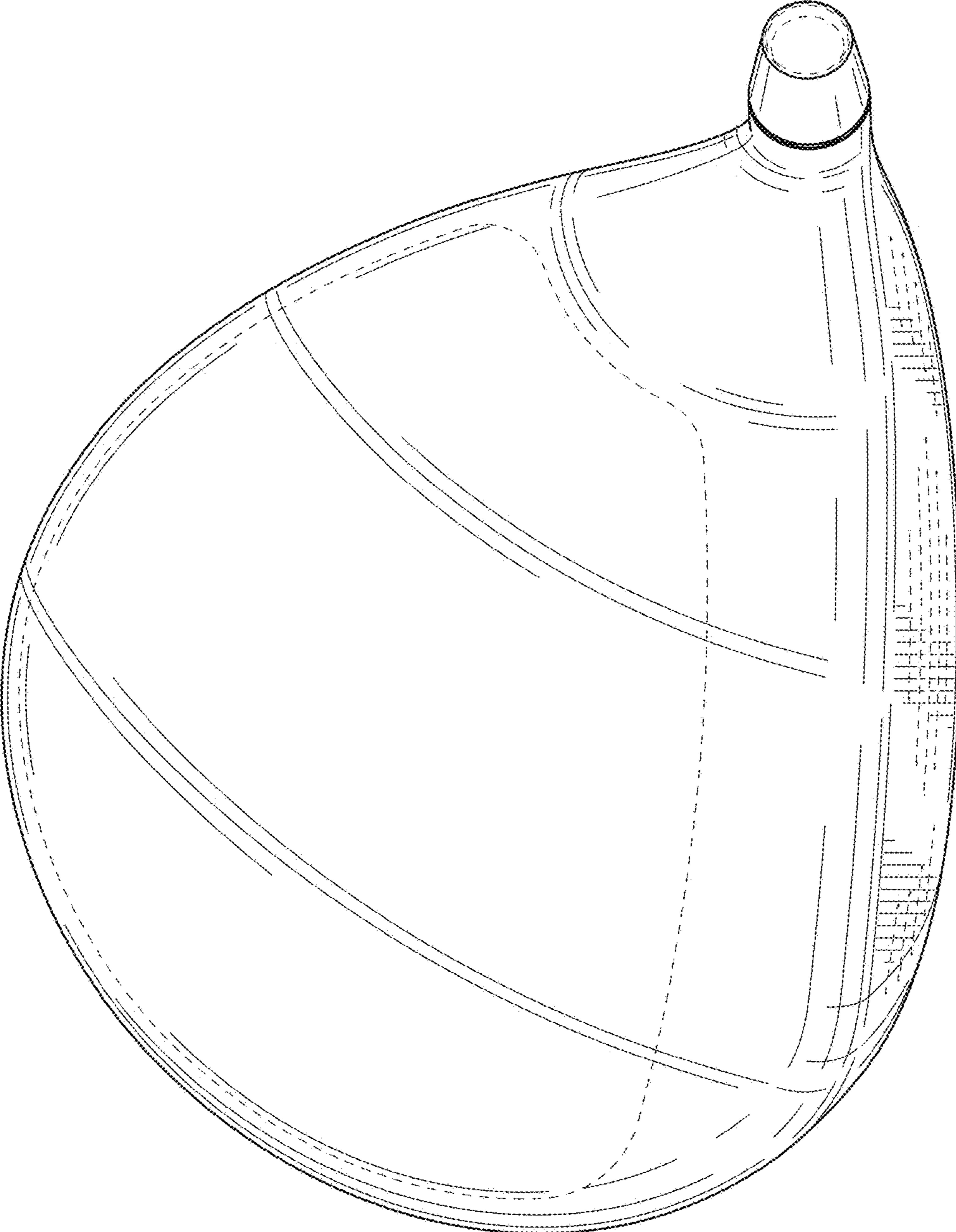


FIG. 21

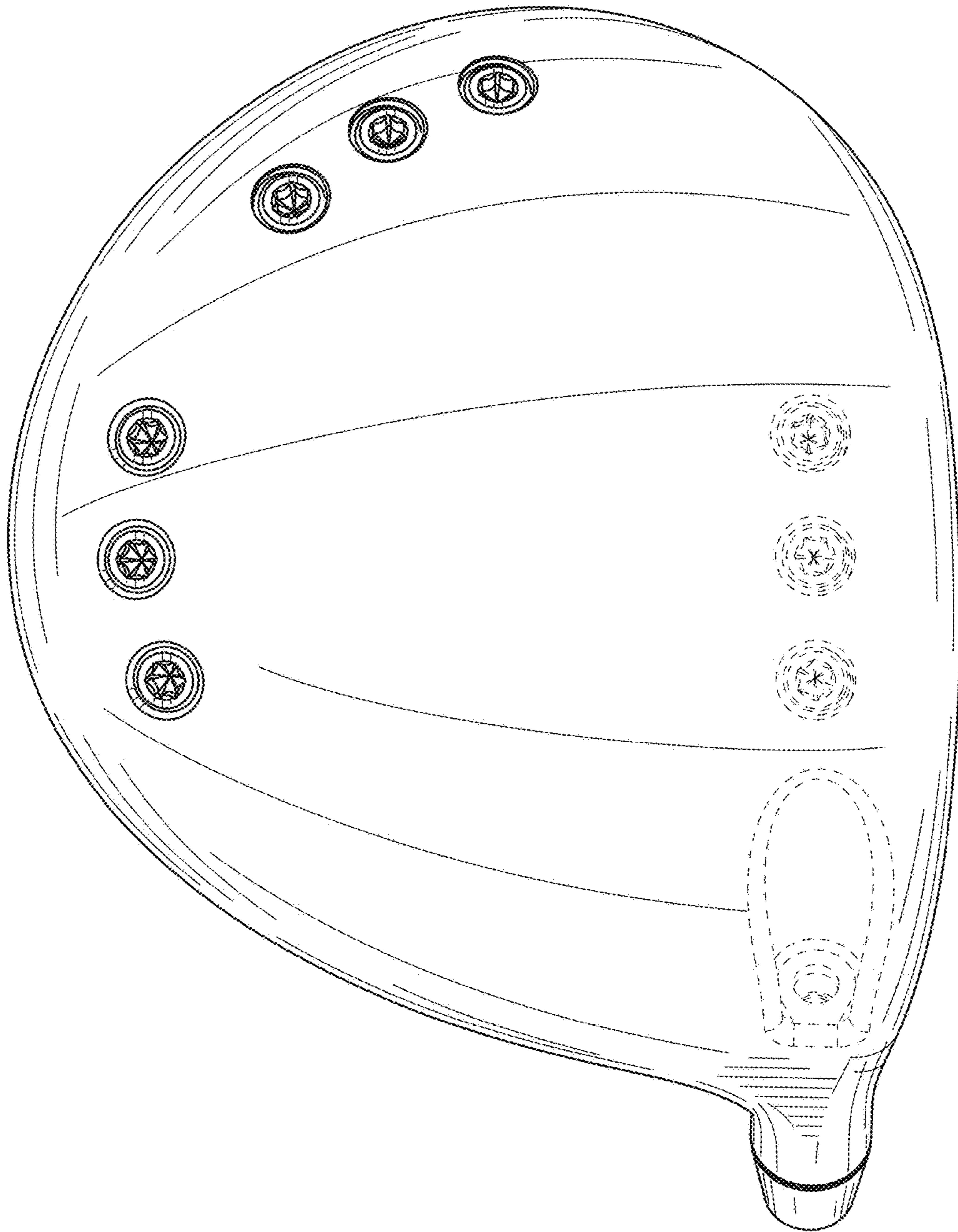


FIG. 22

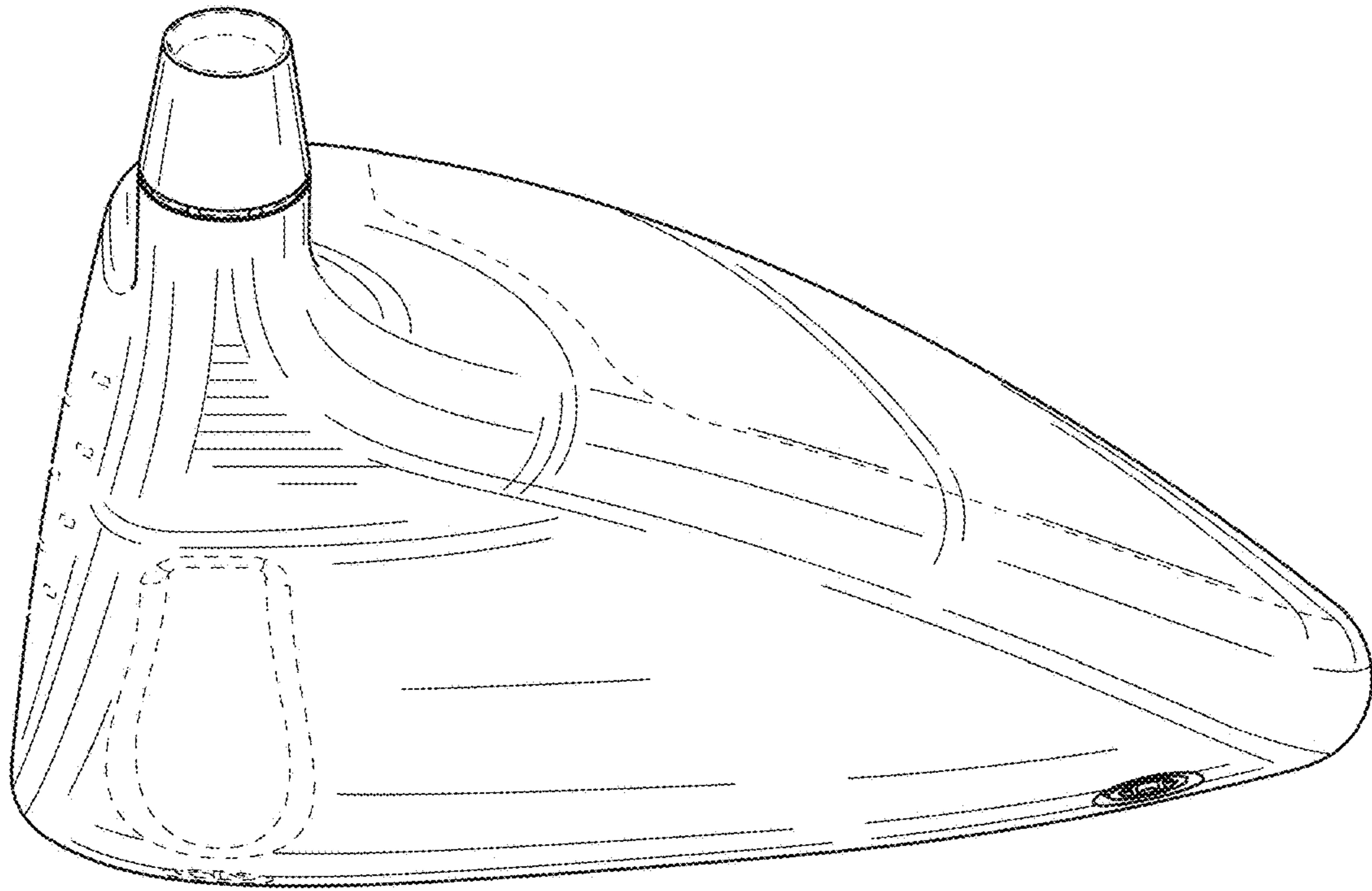


FIG. 23

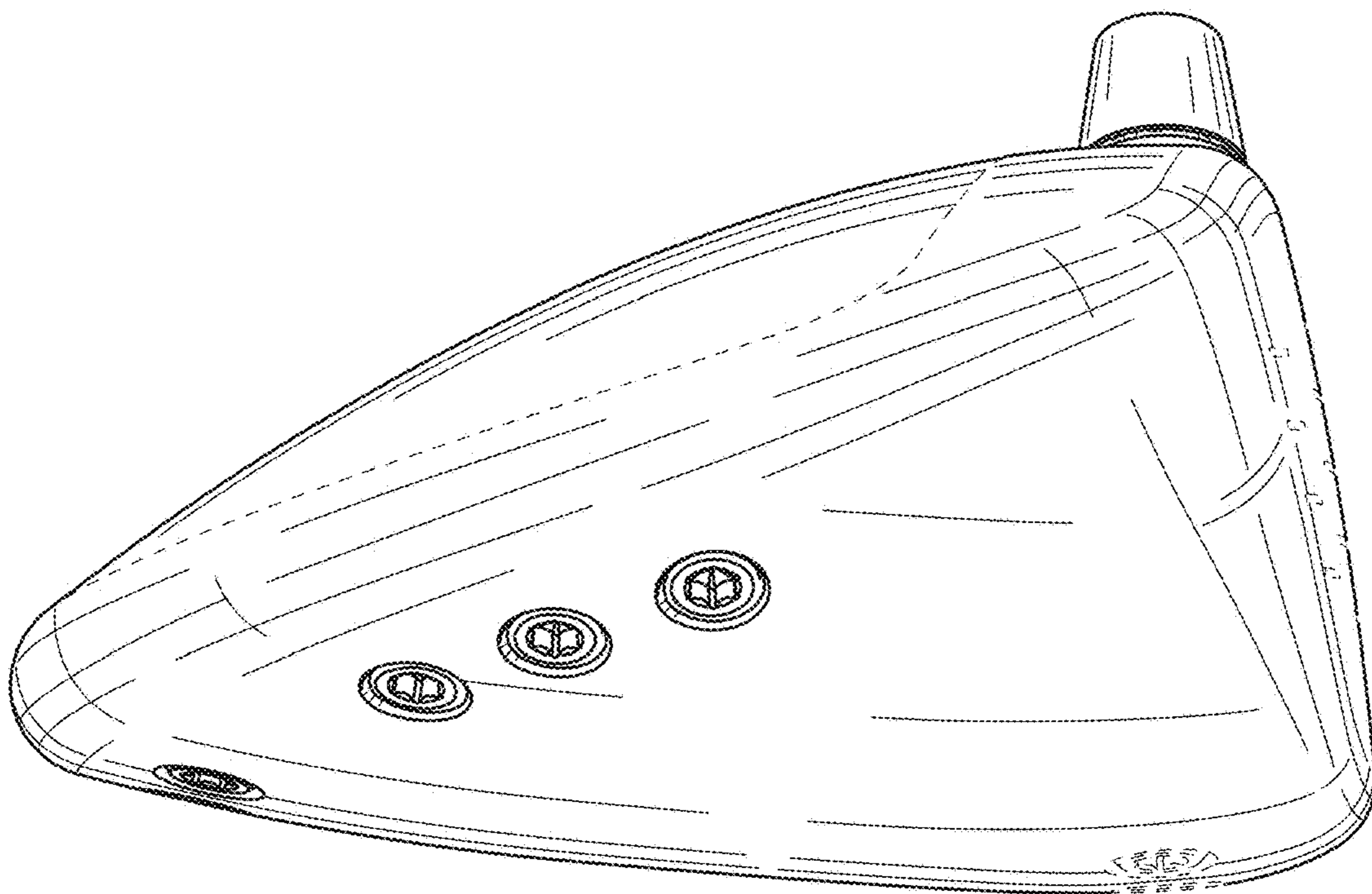


FIG. 24

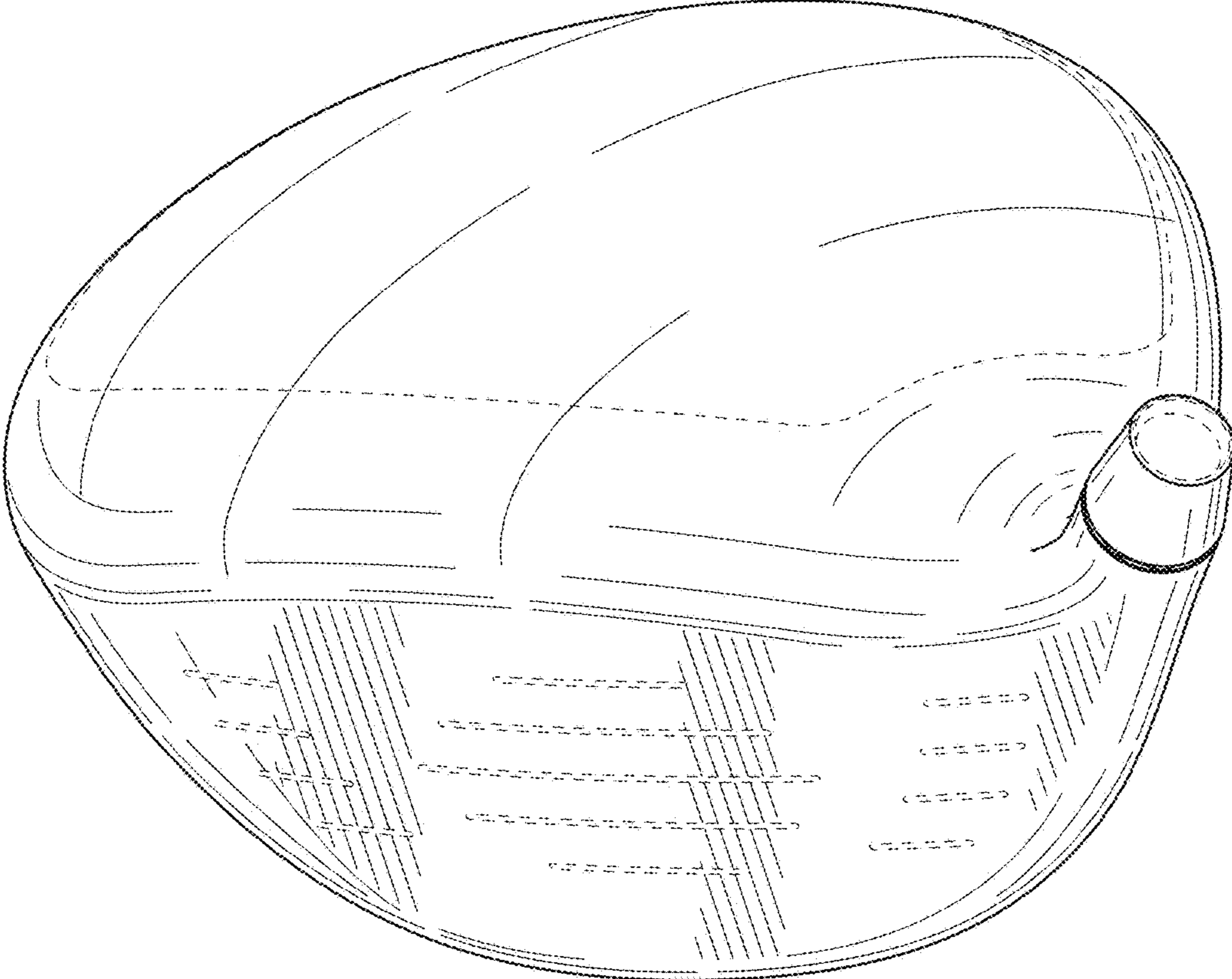


FIG. 25

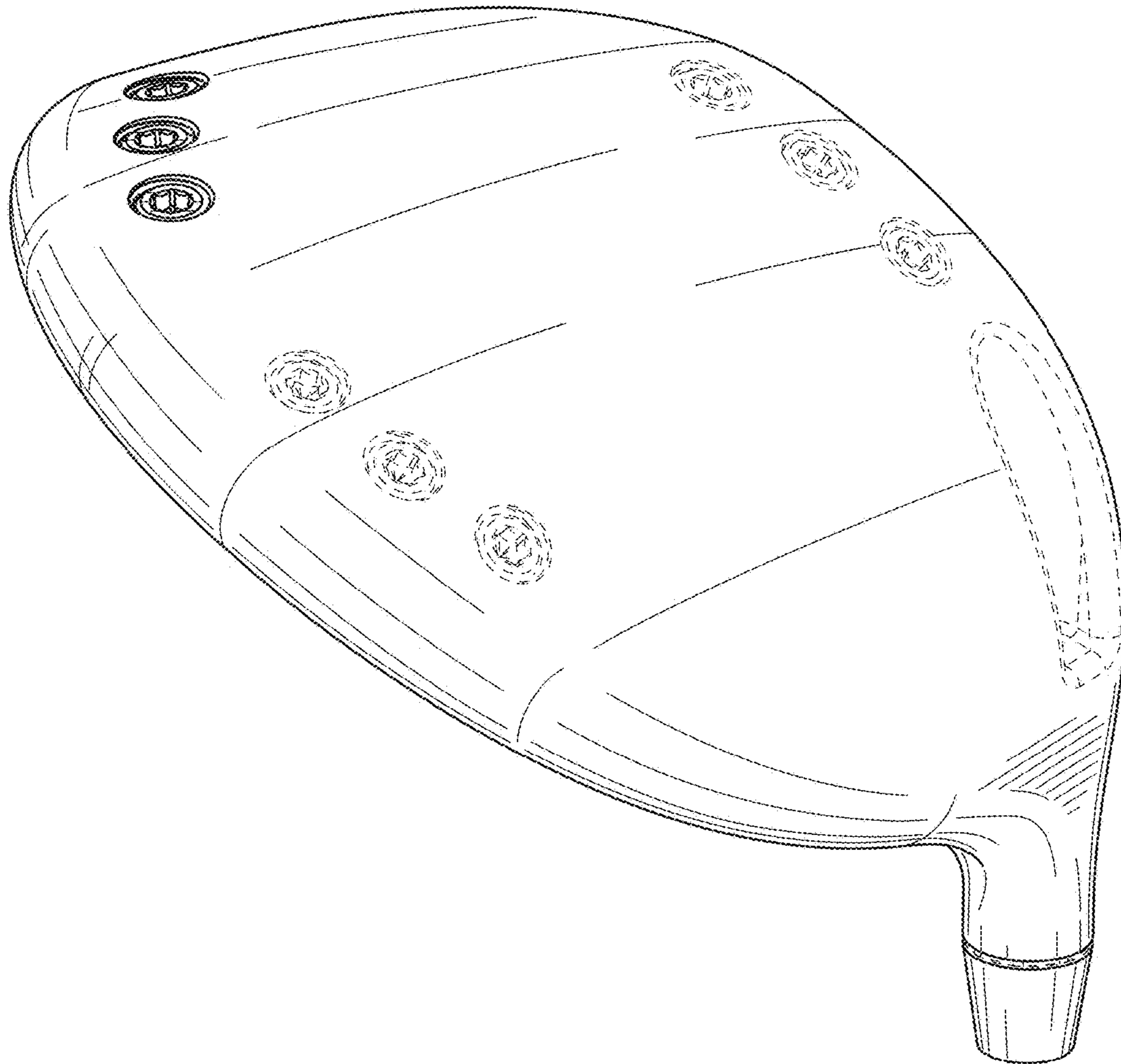


FIG. 26

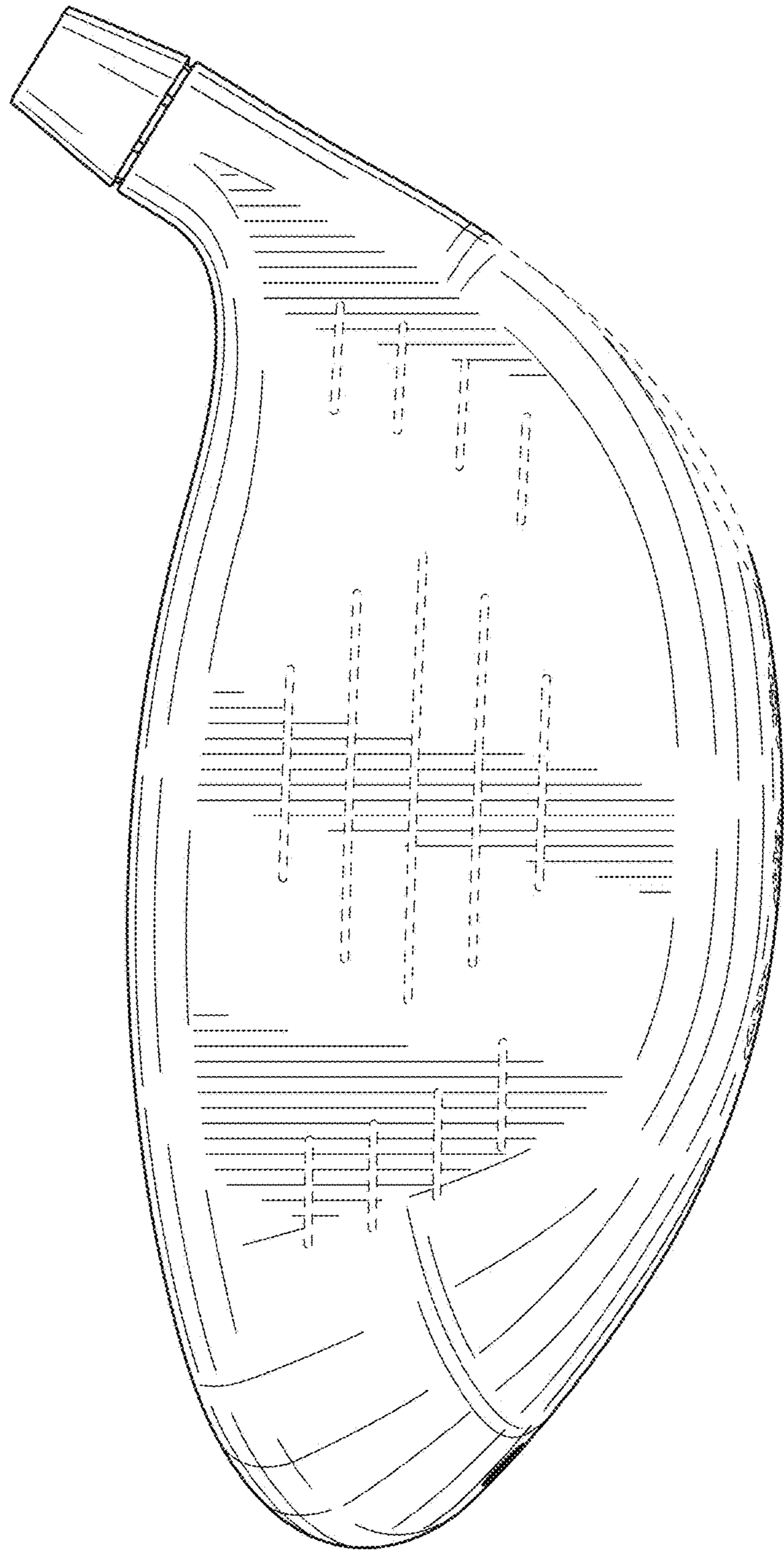


FIG. 27

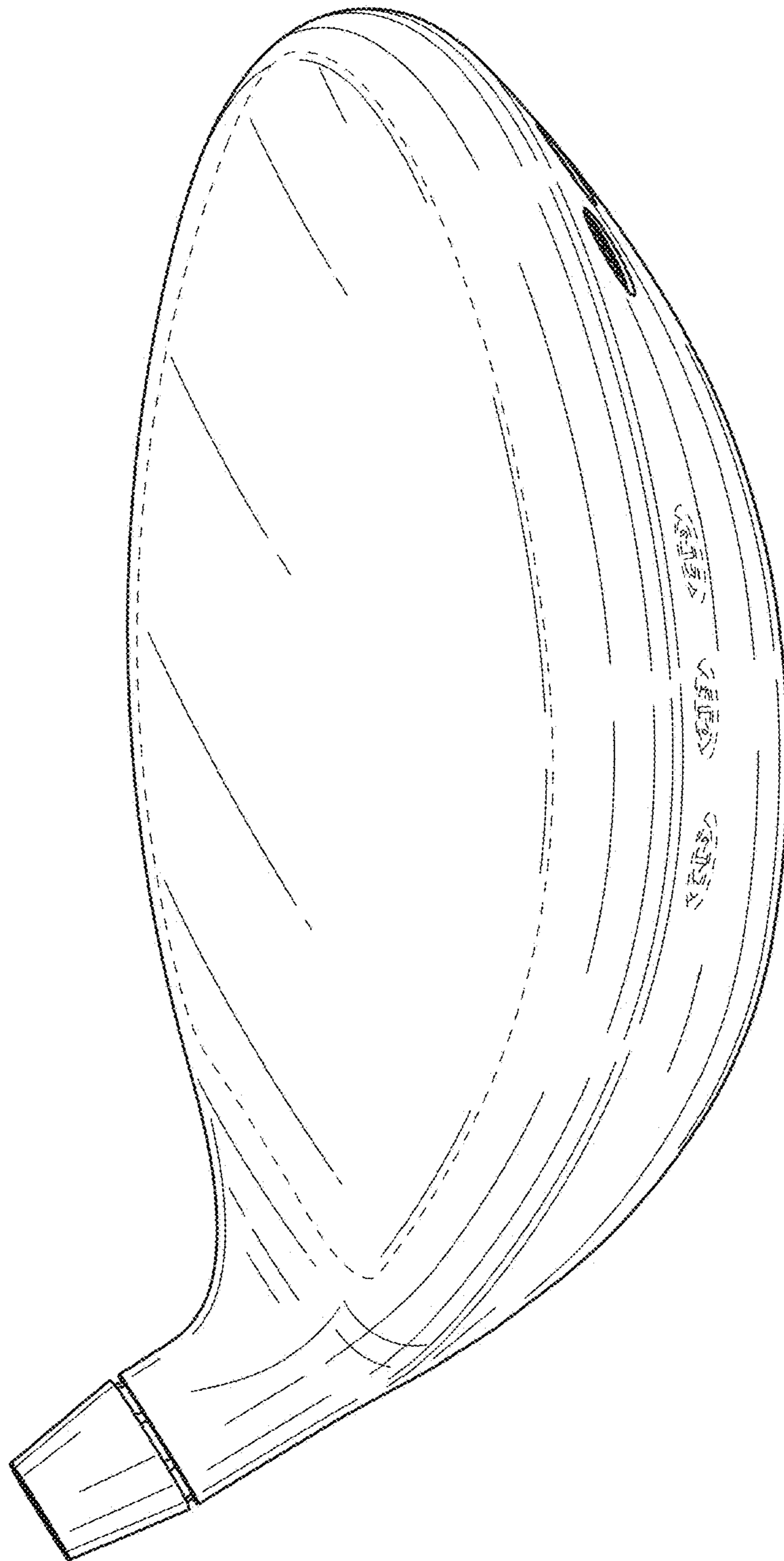


FIG. 28

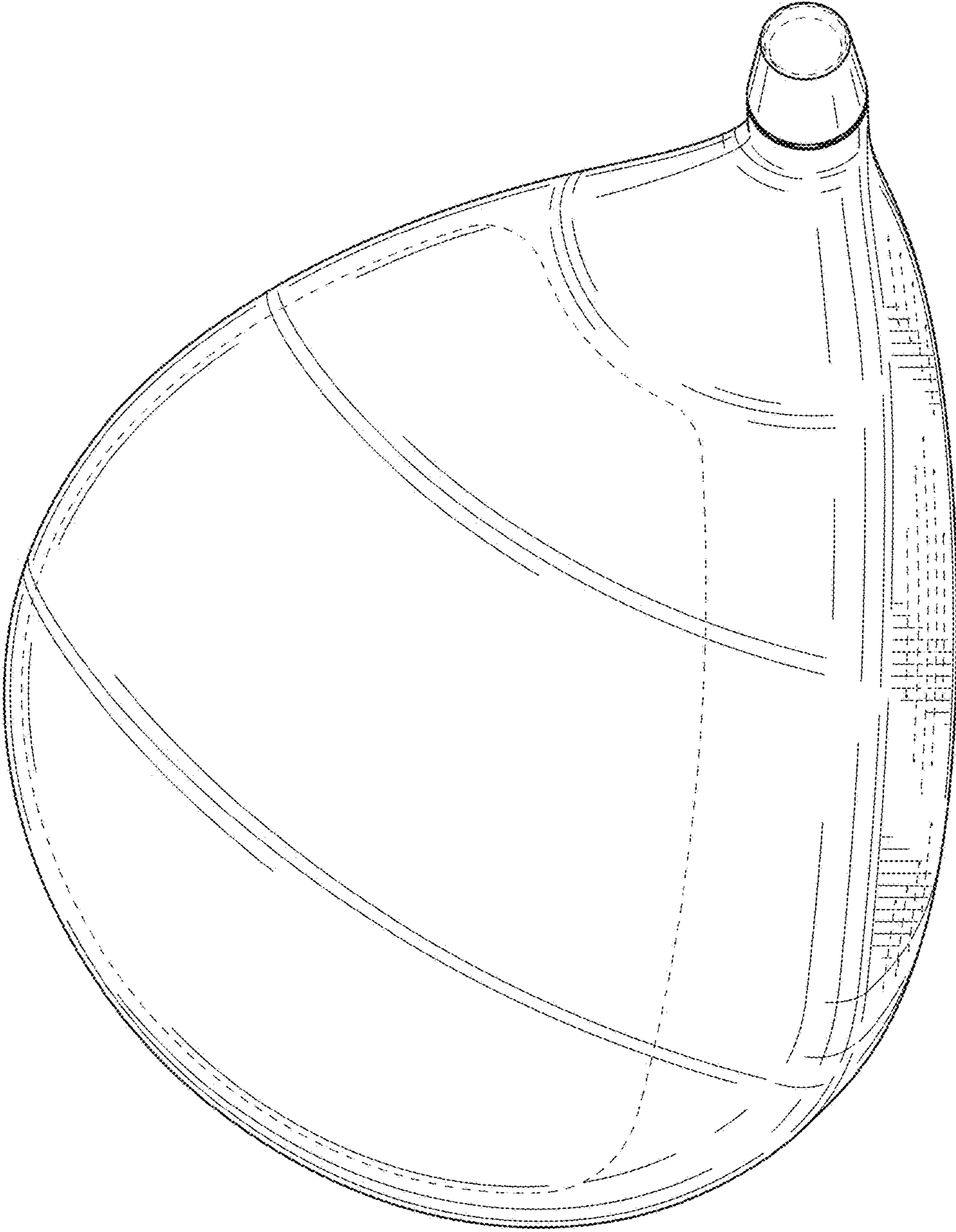


FIG. 29

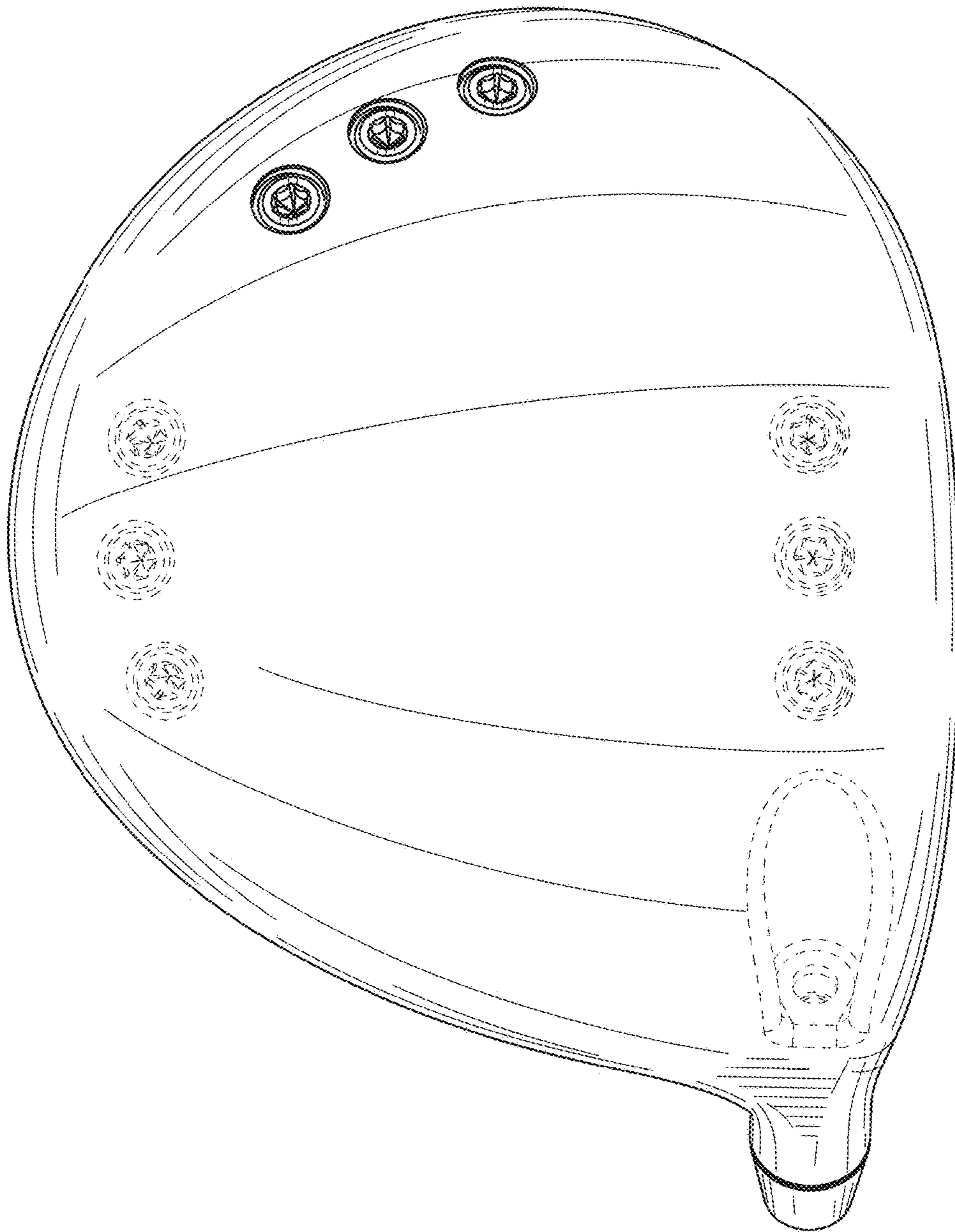


FIG. 30

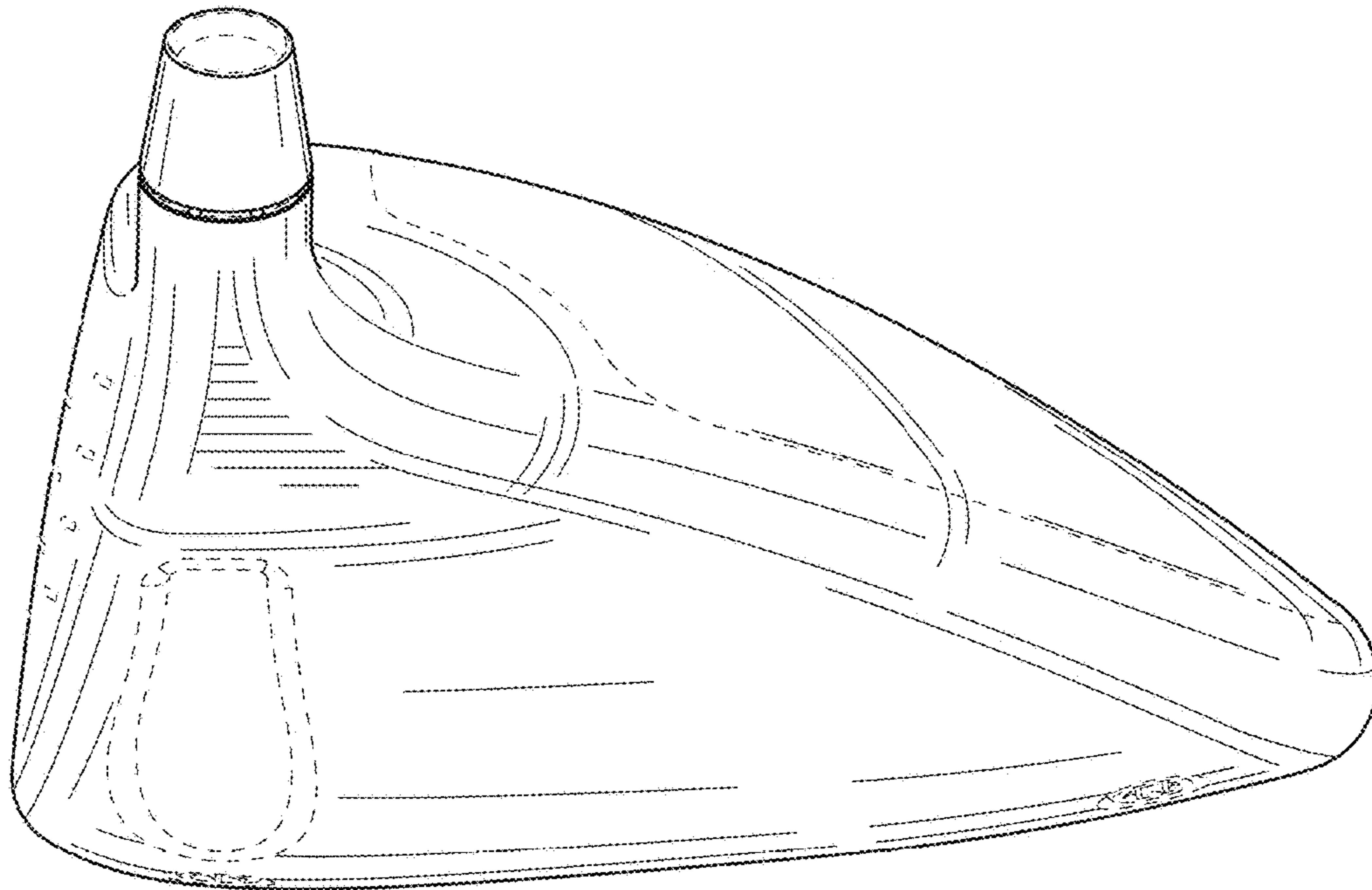


FIG. 31

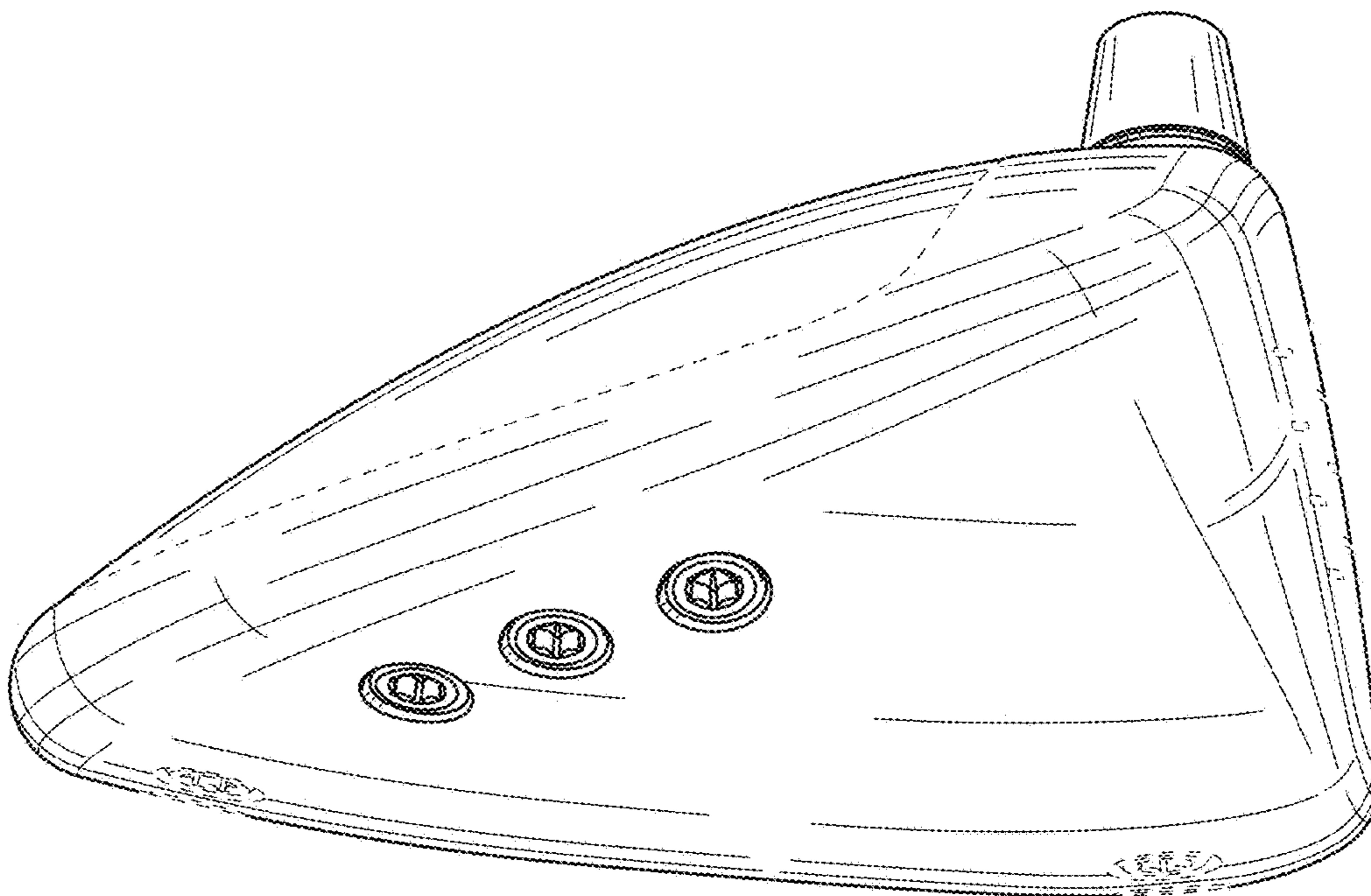


FIG. 32

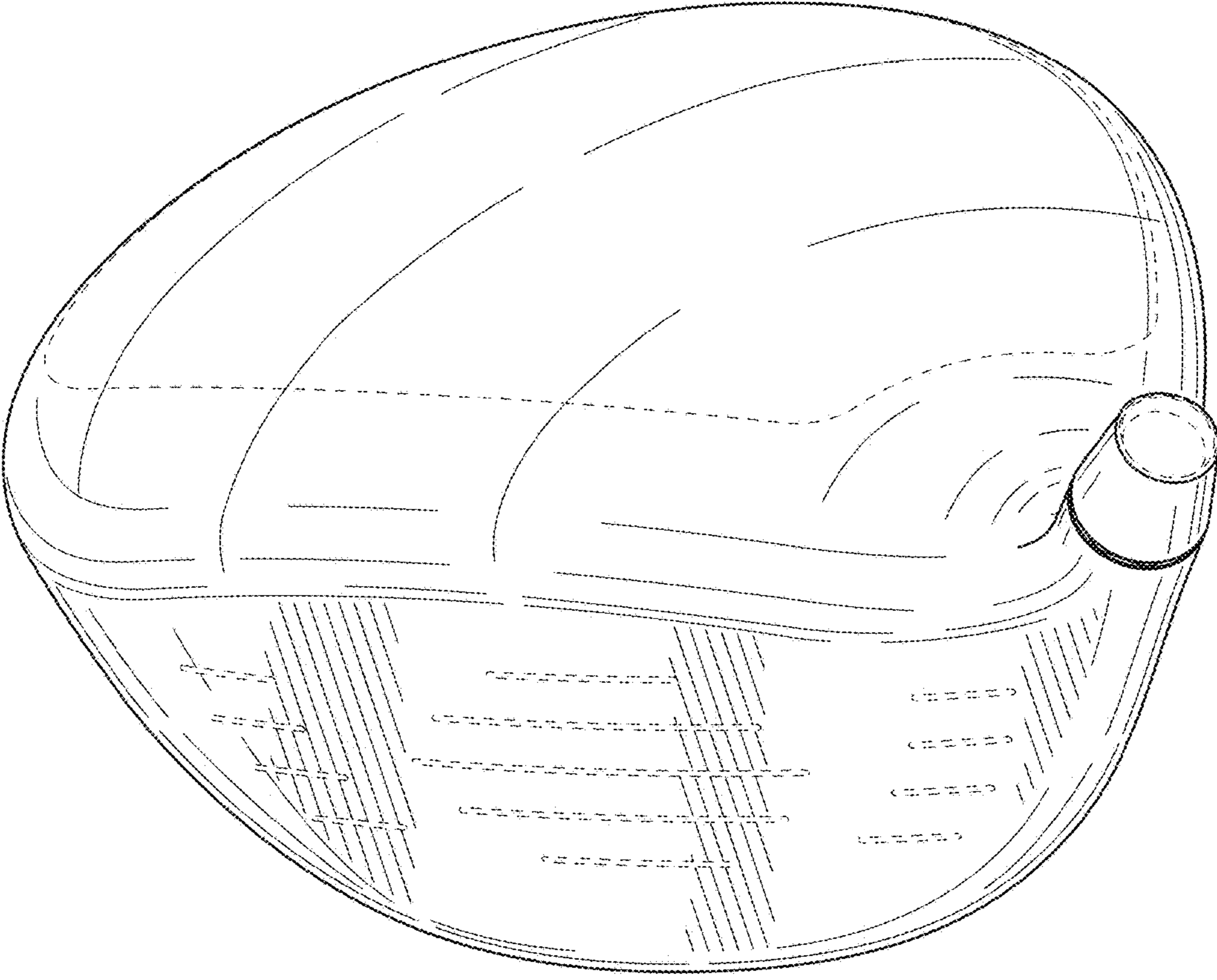


FIG. 33

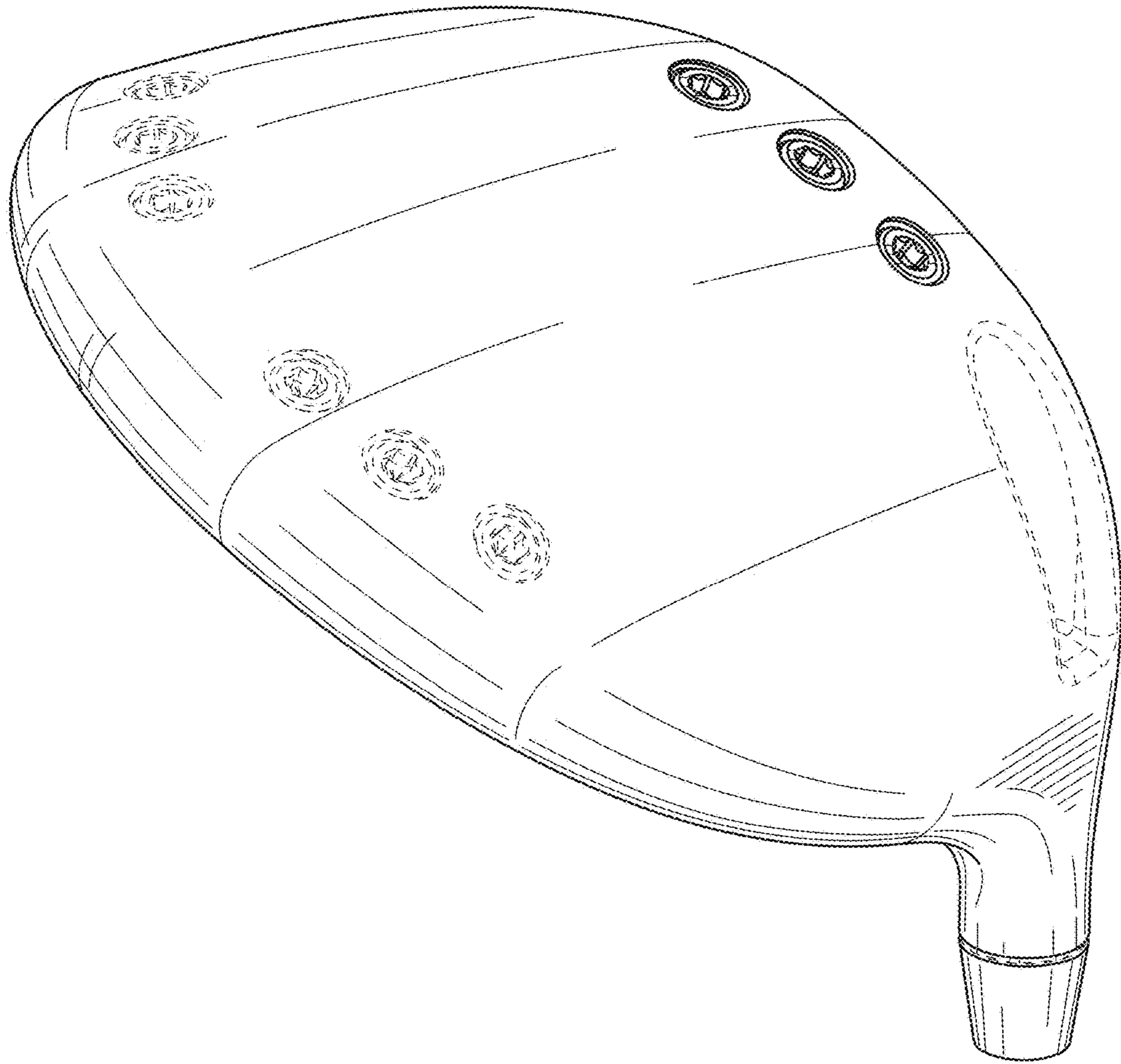


FIG. 34

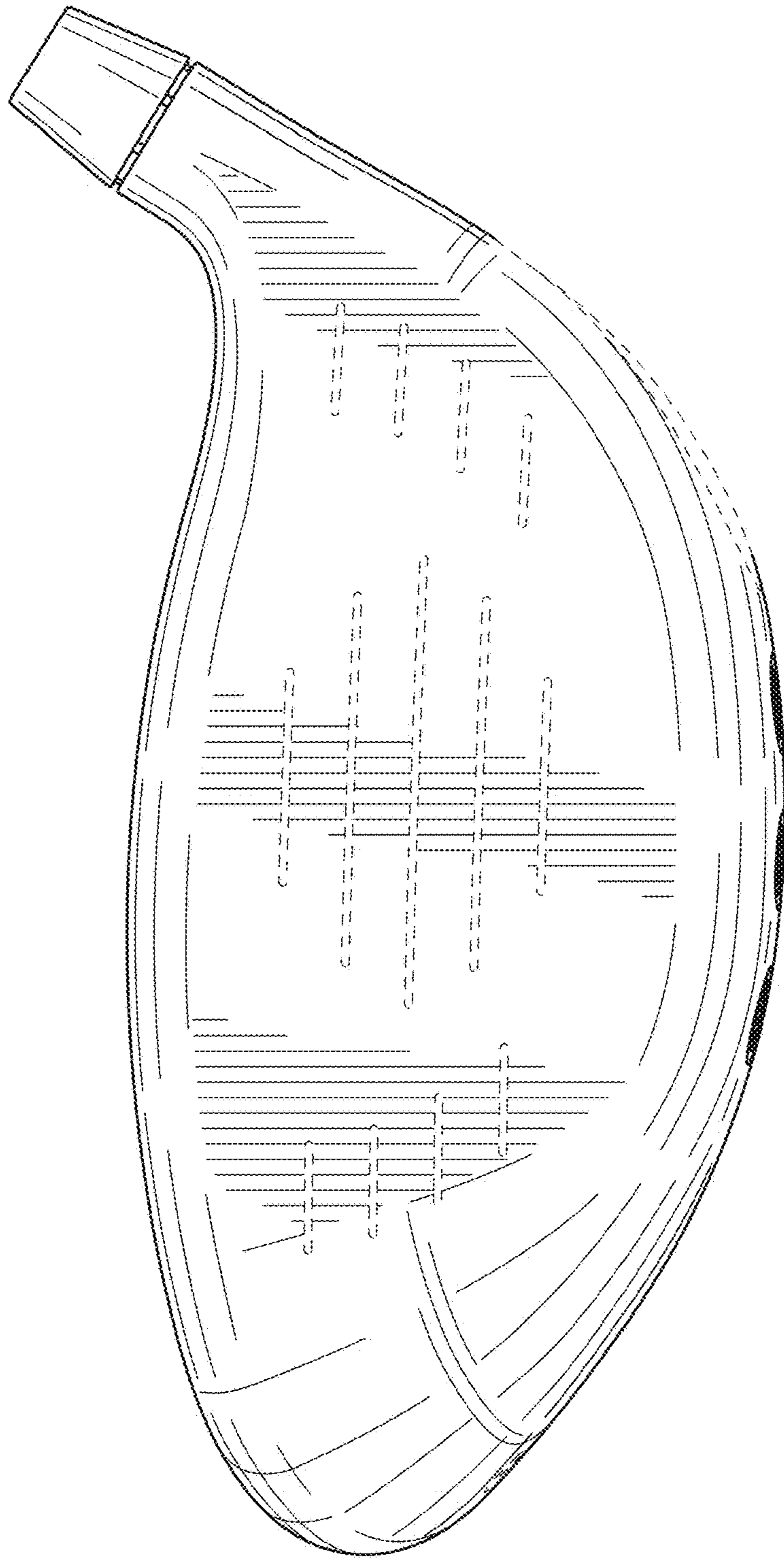


FIG. 35

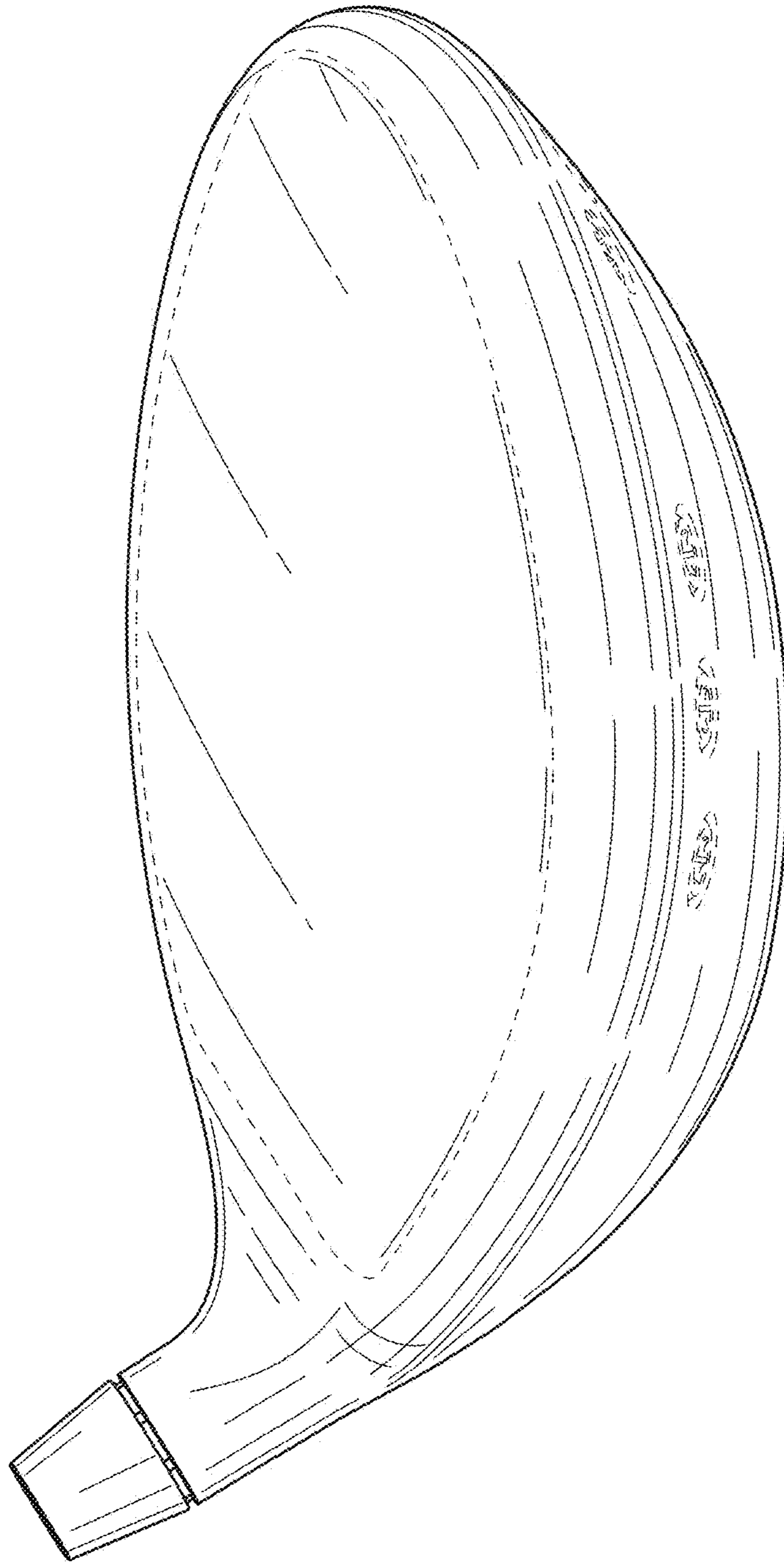


FIG. 36

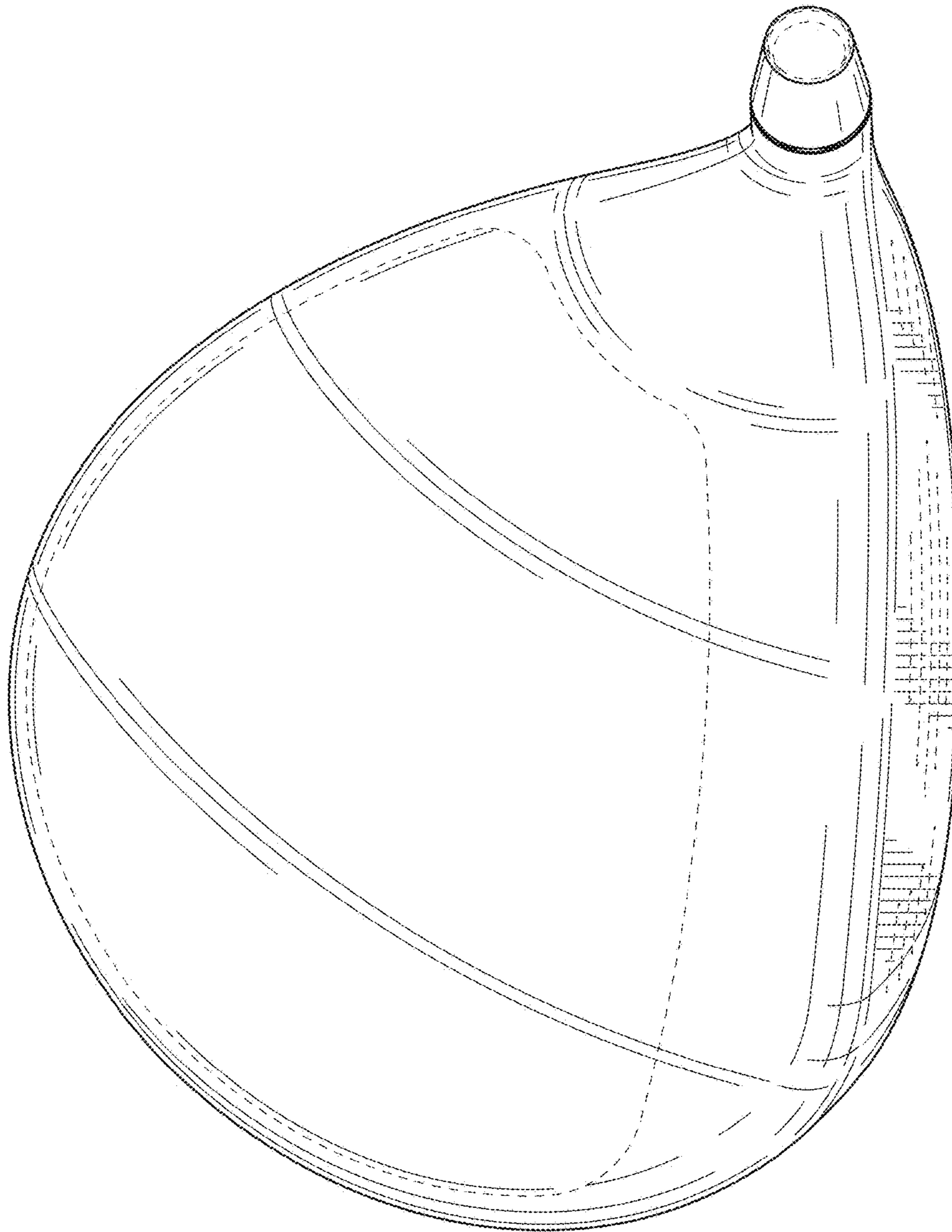


FIG. 37

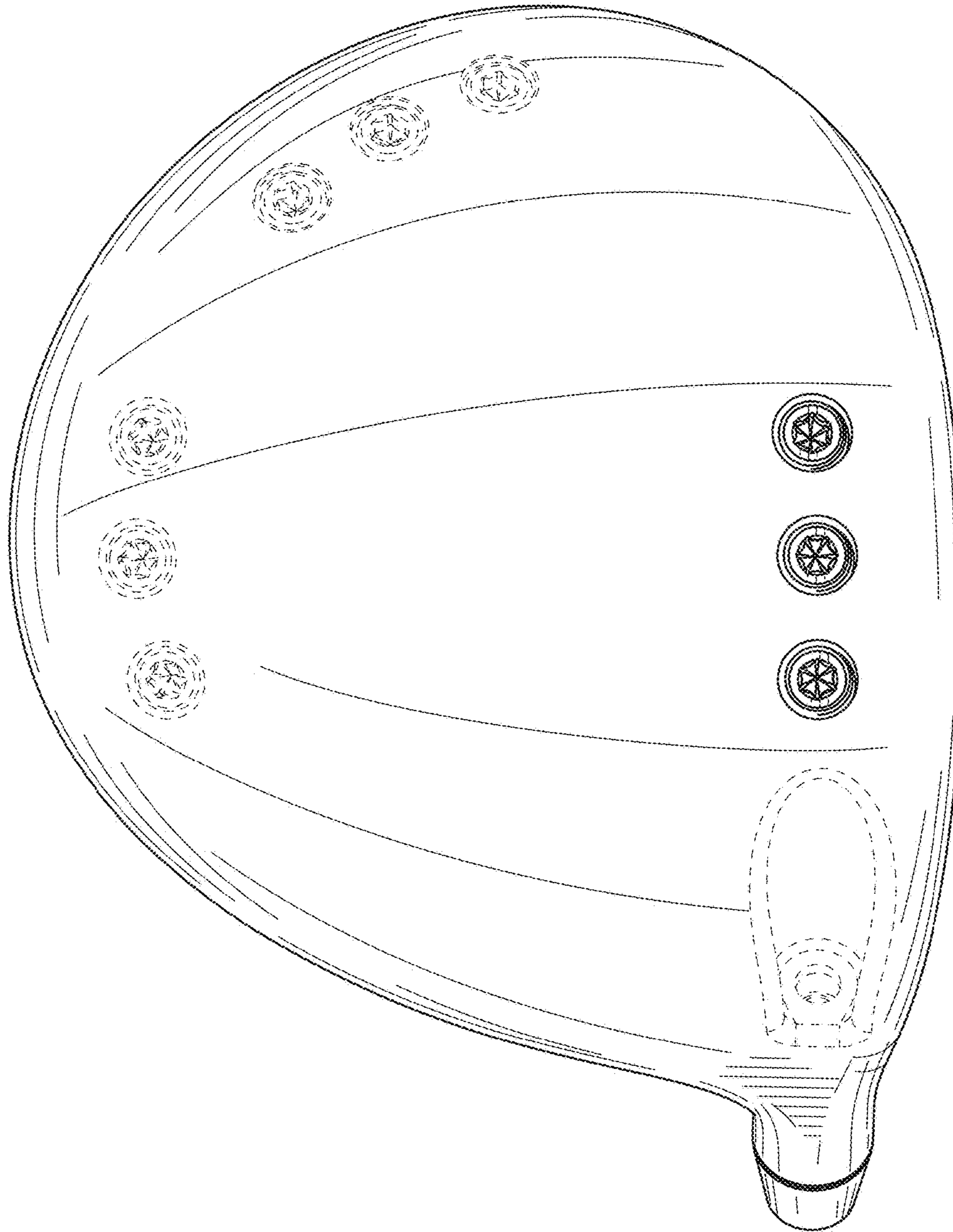


FIG. 38

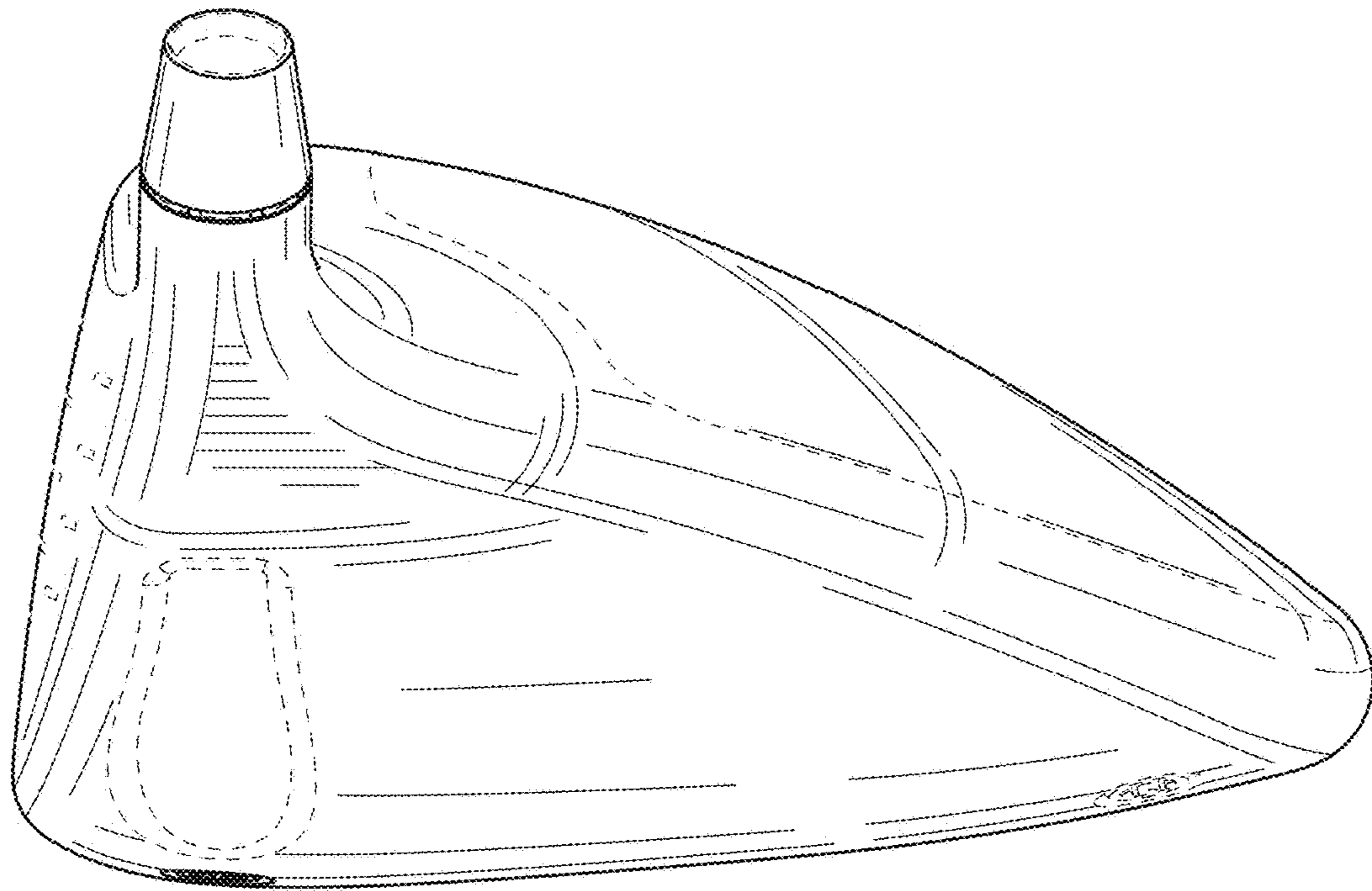


FIG. 39

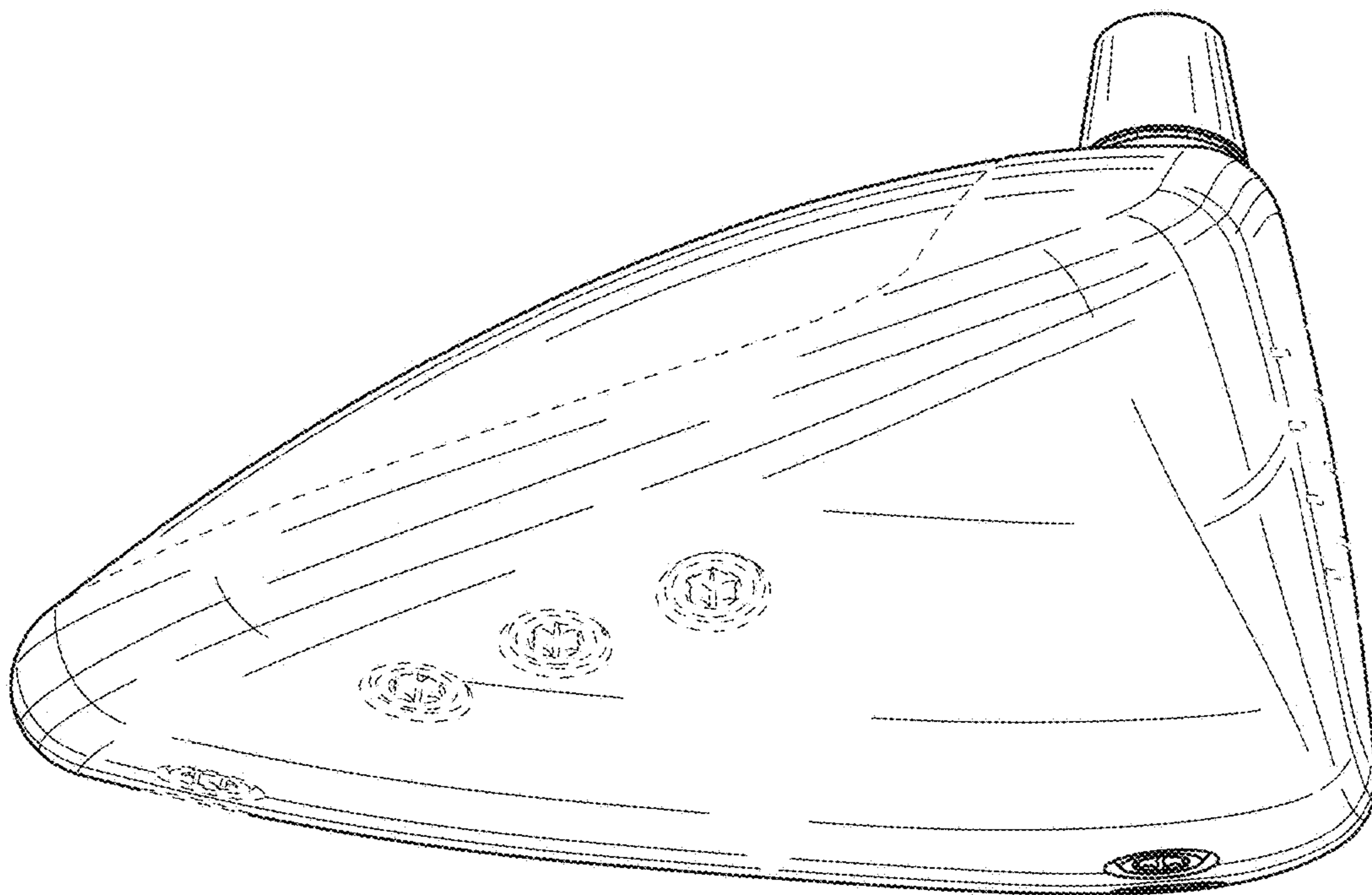


FIG. 40