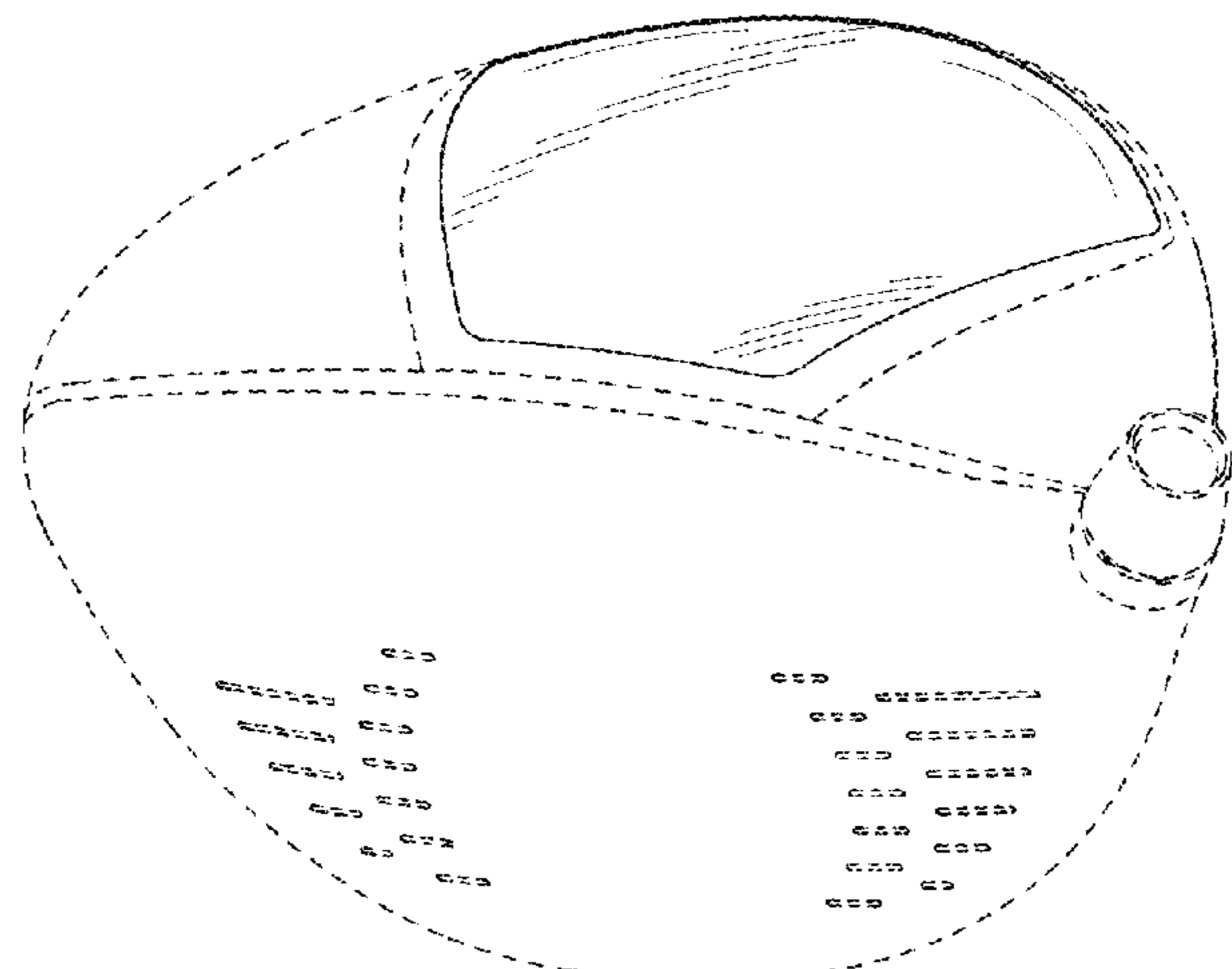




US00D914820S

(12) **United States Design Patent** (10) **Patent No.:** **US D914,820 S**
Parsons et al. (45) **Date of Patent:** **** Mar. 30, 2021**

- (54) **GOLF CLUB HEAD** 1,774,590 A 9/1930 Buhrke
D94,549 S 2/1935 Jansky
D94,550 S 2/1935 Jansky
(71) Applicant: **PARSONS XTREME GOLF, LLC,** D138,437 S 8/1944 Link
Scottsdale, AZ (US) D138,438 S 8/1944 Link
D138,439 S 8/1944 Link
(72) Inventors: **Robert R. Parsons,** Scottsdale, AZ D138,441 S 8/1944 Link
(US); **Bradley D. Schweigert,** Cave D138,442 S 8/1944 Link
Creek, AZ (US); **Michael R. Nicolette,** D164,469 S 9/1951 Behrendt
Scottsdale, AZ (US) D185,177 S 5/1959 Smith
3,020,048 A 2/1962 Carroll
(73) Assignee: **PARSONS XTREME GOLF, LLC,** D203,936 S 3/1966 Long
Scottsdale, AZ (US) D215,101 S 9/1969 Sabat
3,556,553 A 1/1971 Kolbe
3,652,094 A 3/1972 Glover
(**) Term: **15 Years** D229,431 S 11/1973 Baker
D234,609 S 3/1975 Raymont
D234,610 S 3/1975 Raymont
(21) Appl. No.: **29/759,159** D234,963 S 4/1975 Hirata
D239,550 S 4/1976 Timbrook
(22) Filed: **Nov. 20, 2020** D240,054 S 5/1976 Meissler
D240,748 S 7/1976 Bock et al.
D241,956 S 10/1976 Timbrook
4,085,934 A 4/1978 Churchward
D253,778 S 12/1979 Madison
D261,167 S 10/1981 Swanson
4,332,388 A 6/1982 Crow
D285,954 S 9/1986 Hasegawa
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
(58) **Field of Classification Search** D310,254 S * 8/1990 Take D21/752
USPC D21/733, 752, 759
4,988,104 A 1/1991 Shiotani et al.
CPC A63B 53/00; A63B 53/04; A63B 53/0466; D326,885 S 6/1992 Paul
5,158,296 A 10/1992 Lee
A63B 2053/002; A63B 2053/0445; A63B 5,176,384 A 1/1993 Sata et al.
2053/0433; A63B 2053/0491; A63B 5,213,328 A 5/1993 Long et al.
2053/0437; A63B 60/00; A63B 60/46 5,213,329 A 5/1993 Okumoto et al.
See application file for complete search history. D336,672 S 6/1993 Gorman
D336,935 S 6/1993 York et al.
D338,935 S 8/1993 Antonious
D344,561 S 2/1994 Gorman
D351,883 S 10/1994 Solheim et al.
D353,862 S 12/1994 Saito
D357,520 S 4/1995 Helmstetter et al.
5,419,560 A 5/1995 Bamber
5,425,535 A 6/1995 Gee
D361,358 S 8/1995 Simmons
5,447,311 A 9/1995 Viollaz et al.
5,451,056 A 9/1995 Manning
D362,884 S 10/1995 Blough et al.
D362,885 S 10/1995 Blough et al.
- (51) **LOC (13) Cl.** **21-02**
(52) **U.S. Cl.**
USPC **D21/759**
(56) **References Cited**
U.S. PATENT DOCUMENTS
1,133,129 A 3/1915 Govan
1,269,745 A 6/1918 Robertson
1,306,029 A 6/1919 Robertson
D55,867 S 7/1920 Matters
1,509,429 A 9/1924 Hillerich
1,534,600 A 4/1925 Mattern
1,538,312 A 5/1925 Neish
1,543,691 A 6/1925 Beat



US D914,820 S

D362,887 S	10/1995	Blough et al.	7,128,663 B2	10/2006	Bamber
5,518,243 A	5/1996	Redman	D534,595 S	1/2007	Hasebe
D370,514 S	6/1996	Blough et al.	D534,599 S	1/2007	Barez et al.
D371,816 S	7/1996	Yoshioka	7,156,751 B2	1/2007	Wahl
5,540,437 A	7/1996	Bamber	7,166,040 B2	1/2007	Hoffman et al.
D378,111 S	2/1997	Parente et al.	D536,401 S	2/2007	Kawami
5,637,045 A	6/1997	Igarashi	D536,402 S	2/2007	Kawami
D384,120 S	9/1997	Cruz et al.	D536,403 S	2/2007	Kawami
5,669,830 A	9/1997	Bamber	D537,495 S	2/2007	Schweigert et al.
D389,541 S	1/1998	Huan-Chiang	7,182,698 B2	2/2007	Tseng
D395,476 S	6/1998	Pond et al.	D538,363 S	3/2007	Schweigert et al.
5,766,091 A	6/1998	Humphrey et al.	D538,371 S	3/2007	Kawami
5,766,092 A	6/1998	Mimeur et al.	7,186,190 B1	3/2007	Beach et al.
5,788,584 A	8/1998	Parente et al.	7,207,900 B2	4/2007	Nicolette et al.
D399,277 S	10/1998	Ezaki	D543,601 S	5/2007	Kawami
5,827,132 A	10/1998	Bamber	7,223,180 B2	5/2007	Willett et al.
D400,625 S	11/1998	Kubica et al.	D552,198 S	10/2007	Schweigert et al.
D400,627 S	11/1998	Kubica et al.	D555,219 S	11/2007	Lin
D405,489 S	2/1999	Kubica et al.	D556,288 S	11/2007	Robinson et al.
D405,492 S	2/1999	Kubica et al.	D557,363 S	12/2007	Jertson et al.
D408,485 S	4/1999	Takahashi et al.	D558,287 S	12/2007	Jertson et al.
5,899,821 A	5/1999	Hsu et al.	7,303,486 B2	12/2007	Imamoto
5,935,016 A	8/1999	Antonious	D559,932 S	1/2008	Belmont
D414,535 S	9/1999	Mertens	D561,284 S	2/2008	Nagai et al.
D421,080 S	2/2000	Chen	D562,421 S	2/2008	Jertson et al.
D426,276 S	6/2000	Besnard et al.	D563,498 S	3/2008	Jertson et al.
6,077,171 A	6/2000	Yoneyama	D564,054 S	3/2008	Jertson et al.
D442,659 S	5/2001	Kubica et al.	D564,055 S	3/2008	Jertson et al.
D443,008 S	5/2001	Kubica et al.	7,338,388 B2	3/2008	Schweigert et al.
D444,830 S	7/2001	Kubica et al.	7,347,794 B2	3/2008	Schweigert
D445,862 S	7/2001	Ford	D567,317 S	4/2008	Jertson et al.
6,290,609 B1	9/2001	Takeda	7,351,164 B2	4/2008	Schweigert et al.
D448,824 S	10/2001	Koizumi et al.	D569,933 S	5/2008	Jertson et al.
D449,866 S	10/2001	Miller	D569,934 S	5/2008	Jertson et al.
D457,211 S	5/2002	Bakke	D569,935 S	5/2008	Schweigert et al.
D469,833 S	2/2003	Roberts et al.	D569,936 S	5/2008	Schweigert et al.
D473,604 S	4/2003	Antonious	D569,942 S	5/2008	Jertson et al.
D473,605 S	4/2003	Petersen et al.	D570,937 S	6/2008	Schweigert et al.
D475,107 S	5/2003	Madore	D570,938 S	6/2008	Jertson et al.
D476,048 S	6/2003	Cleveland et al.	7,396,299 B2	7/2008	Nicolette et al.
D478,140 S	8/2003	Burrows	7,407,447 B2	8/2008	Beach et al.
D478,949 S	8/2003	DeLaCruz	7,410,425 B2	8/2008	Willett et al.
D481,087 S	10/2003	Antonious	7,410,426 B2	8/2008	Willett et al.
6,638,182 B2	10/2003	Kosmatka	7,419,441 B2	9/2008	Hoffman et al.
D482,421 S *	11/2003	Kessler D21/759	D579,507 S	10/2008	Llewellyn
6,695,714 B1	2/2004	Bliss et al.	7,448,963 B2	11/2008	Beach et al.
6,702,693 B2	3/2004	Bamber	7,448,964 B2	11/2008	Schweigert et al.
6,773,360 B2	8/2004	Willett et al.	D584,370 S	1/2009	Cleveland et al.
6,780,123 B2	8/2004	Hasebe	7,530,904 B2	5/2009	Beach et al.
D497,963 S	11/2004	Toulon et al.	D594,518 S	6/2009	Schweigert
6,811,496 B2	11/2004	Wahl et al.	D594,520 S	6/2009	Schweigert et al.
D499,779 S	12/2004	Mahaffey et al.	D594,521 S	6/2009	Jertson et al.
D502,520 S *	3/2005	Dogan D21/759	D594,919 S	6/2009	Schweigert et al.
D502,975 S	3/2005	Schweigert et al.	7,540,811 B2	6/2009	Beach et al.
D503,204 S	3/2005	Nicolette et al.	D597,620 S	8/2009	Taylor et al.
D507,320 S	7/2005	Roberts et al.	7,568,985 B2	8/2009	Beach et al.
D508,545 S	8/2005	Roberts et al.	7,578,753 B2	8/2009	Beach et al.
D508,969 S	8/2005	Hasebe	D600,297 S	9/2009	Jertson et al.
6,923,733 B2	8/2005	Chen	7,584,531 B2	9/2009	Schweigert et al.
6,939,247 B1	9/2005	Schweigert et al.	7,588,502 B2	9/2009	Nishino
D513,051 S	12/2005	Barez et al.	7,591,738 B2	9/2009	Beach et al.
D514,179 S	1/2006	Chen et al.	D603,472 S	11/2009	Schweigert et al.
D514,183 S	1/2006	Schweigert et al.	D604,783 S	11/2009	Nicolette et al.
D514,185 S	1/2006	Barez et al.	7,611,424 B2	11/2009	Nagai et al.
D515,642 S	2/2006	Antonious	7,621,823 B2	11/2009	Beach et al.
D516,650 S	3/2006	Wolfe et al.	D605,715 S	12/2009	Barez et al.
D518,863 S	4/2006	Motoyoshi et al.	D606,605 S	12/2009	Wada et al.
D520,585 S	5/2006	Hasebe	D607,070 S	12/2009	Wada et al.
D520,586 S	5/2006	Bingman	D607,071 S	12/2009	Wada et al.
D522,077 S	5/2006	Schweigert et al.	7,632,194 B2	12/2009	Beach et al.
D522,601 S	6/2006	Schweigert et al.	7,658,686 B2	2/2010	Soracco
D523,104 S	6/2006	Hasebe	D612,438 S	3/2010	Carlyle et al.
D523,498 S	6/2006	Chen et al.	D612,439 S	3/2010	Carlyle et al.
D523,501 S	6/2006	Nicolette et al.	7,713,142 B2	5/2010	Hoffman et al.
D523,917 S	6/2006	Wolfe et al.	7,717,804 B2	5/2010	Beach et al.
D524,889 S	7/2006	Yu et al.	7,717,805 B2	5/2010	Beach et al.
D526,372 S	8/2006	Kohno	D617,406 S	6/2010	Carlyle et al.
D526,694 S	8/2006	Schweigert et al.	D618,293 S	6/2010	Foster et al.
7,121,956 B2	10/2006	Lo	D618,746 S	6/2010	Jertson et al.

US D914,820 S

D618,747 S	6/2010	Schweigert et al.	D733,234 S	6/2015	Nicolette	
D618,753 S	6/2010	Jertson et al.	D739,905 S *	9/2015	Stokke	D21/759
D618,754 S	6/2010	Schweigert et al.	9,199,140 B1	12/2015	Schweigert et al.	
7,744,484 B1	6/2010	Chao	9,199,143 B1	12/2015	Parsons et al.	
D621,893 S	8/2010	Nicolette et al.	D746,927 S	1/2016	Parsons et al.	
7,798,203 B2	9/2010	Schweigert et al.	D748,214 S	1/2016	Nicolette et al.	
7,798,917 B2	9/2010	Nguyen et al.	D748,749 S	2/2016	Nicolette et al.	
7,815,521 B2	10/2010	Ban et al.	D753,251 S	4/2016	Schweigert et al.	
7,846,040 B2	12/2010	Ban	D755,319 S	5/2016	Nicolette et al.	
7,846,041 B2	12/2010	Beach et al.	D756,471 S	5/2016	Nicolette et al.	
D633,967 S	3/2011	Carlyle et al.	9,352,197 B2	5/2016	Parsons et al.	
D635,626 S	4/2011	Nicolette	D759,178 S	6/2016	Nicolette	
7,927,229 B2	4/2011	Jertson et al.	D760,334 S	6/2016	Schweigert et al.	
D638,893 S	5/2011	Schweigert et al.	9,399,158 B2	7/2016	Parsons et al.	
D638,896 S	5/2011	Schweigert et al.	9,421,437 B2	8/2016	Parsons et al.	
7,938,738 B2	5/2011	Roach	9,427,634 B2	8/2016	Parsons et al.	
7,963,861 B2	6/2011	Beach et al.	D765,808 S *	9/2016	Cardani	D21/759
D643,490 S	8/2011	Wada et al.	D766,391 S *	9/2016	Cardani	D21/759
D643,892 S *	8/2011	McGrorty	D767,696 S	9/2016	Parsons et al.	
8,012,038 B1	9/2011	Beach et al.	D776,216 S	1/2017	Schweigert et al.	
D647,585 S	10/2011	Jertson et al.	D777,273 S *	1/2017	Stokke	D21/759
8,062,150 B2	11/2011	Gilbert et al.	D777,858 S	1/2017	Schweigert et al.	
8,088,025 B2	1/2012	Wahl et al.	9,555,295 B2	1/2017	Schweigert et al.	
8,092,319 B1	1/2012	Cackett et al.	9,630,070 B2	4/2017	Parsons et al.	
8,105,180 B1	1/2012	Cackett et al.	D791,257 S *	7/2017	Oldknow	D21/759
D658,248 S	4/2012	Nunez et al.	D802,069 S	11/2017	Parsons et al.	
D661,751 S	6/2012	Nicolette et al.	D802,070 S	11/2017	Parsons et al.	
D661,756 S	6/2012	Nicolette et al.	D807,976 S	1/2018	Parsons et al.	
8,221,262 B1	7/2012	Cackett et al.	D821,514 S *	6/2018	Sillies	D21/759
8,246,487 B1	8/2012	Cackett et al.	D827,067 S	8/2018	Becktor et al.	
8,257,196 B1	9/2012	Abbott et al.	D827,745 S	9/2018	Schweigert et al.	
8,257,197 B2	9/2012	Schweigert	D839,372 S	1/2019	Schweigert et al.	
8,262,506 B2	9/2012	Watson et al.	D850,551 S *	6/2019	Parsons	D21/759
8,328,662 B2	12/2012	Nakamura et al.	D852,303 S *	6/2019	Parsons	D21/752
D673,630 S	1/2013	Schweigert	D852,304 S *	6/2019	Parsons	D21/752
D673,632 S	1/2013	Schweigert et al.	D852,305 S *	6/2019	Parsons	D21/752
8,371,957 B2	2/2013	Schweigert et al.	10,376,754 B2 *	8/2019	Parsons	A63B 60/006
8,376,878 B2	2/2013	Bennett et al.	D865,886 S *	11/2019	Parsons	D21/752
D680,179 S	4/2013	Solheim et al.	D865,887 S *	11/2019	Greaney	D21/759
D681,142 S	4/2013	Fossum et al.	D865,888 S *	11/2019	Greaney	D21/759
8,414,422 B2	4/2013	Peralta et al.	10,695,624 B2 *	6/2020	Parsons	A63B 60/02
8,485,919 B2	7/2013	Rice et al.	10,722,765 B2 *	7/2020	Schweigert	A63B 53/0466
8,506,420 B2	8/2013	Hocknell et al.	D897,462 S *	9/2020	Parsons	D21/752
D689,156 S	9/2013	Stokke et al.	D897,463 S *	9/2020	Parsons	D21/752
D691,230 S	10/2013	Chen et al.	D897,464 S *	9/2020	Parsons	D21/752
8,545,343 B2	10/2013	Boyd et al.	2002/0107087 A1	8/2002	Fagot	
8,562,457 B2	10/2013	Beach et al.	2003/0139226 A1	7/2003	Cheng et al.	
8,574,094 B2	11/2013	Nicolette et al.	2003/0176231 A1	9/2003	Hasebe	
8,608,587 B2	12/2013	Henrikson et al.	2004/0192468 A1 *	9/2004	Onoda	A63B 53/0466 473/345
8,628,431 B2	1/2014	Schweigert et al.				
8,657,700 B2	2/2014	Nicolette et al.	2004/0204263 A1	10/2004	Fagot et al.	
8,663,026 B2	3/2014	Blowers et al.	2005/0009632 A1	1/2005	Schweigert et al.	
8,690,710 B2	4/2014	Nicolette et al.	2005/0014573 A1	1/2005	Lee	
D707,316 S	6/2014	Aguayo et al.	2005/0096154 A1 *	5/2005	Chen	A63B 53/0466 473/345
D707,317 S	6/2014	Aguayo et al.				
8,753,230 B2	6/2014	Stokke et al.	2005/0119066 A1	6/2005	Stites et al.	
8,777,778 B2	7/2014	Solheim et al.	2005/0239569 A1	10/2005	Best et al.	
8,784,232 B2	7/2014	Jertson et al.	2005/0277485 A1	12/2005	Hou et al.	
8,790,196 B2	7/2014	Solheim et al.	2006/0105856 A1	5/2006	Lo	
D710,467 S *	8/2014	Miraflor, III	2006/0111200 A1	5/2006	Poynor	
8,808,108 B2	8/2014	Schweigert	2007/0032308 A1	2/2007	Fagot et al.	
D712,989 S	9/2014	Gillig	2007/0032313 A1 *	2/2007	Serrano	A63B 53/0466 473/349
8,826,512 B2	9/2014	Schweigert				
8,827,832 B2	9/2014	Breier et al.	2007/0225084 A1	9/2007	Schweigert et al.	
8,827,833 B2	9/2014	Amano et al.	2007/0293344 A1	12/2007	Davis	
8,845,455 B2	9/2014	Ban et al.	2008/0004133 A1	1/2008	Schweigert	
D714,894 S	10/2014	Tang et al.	2008/0058113 A1	3/2008	Nicolette et al.	
D716,387 S	10/2014	Aguayo et al.	2008/0188322 A1	8/2008	Anderson et al.	
D716,388 S	10/2014	Aguayo et al.	2008/0300065 A1	12/2008	Schweigert	
8,858,362 B1	10/2014	Leposky et al.	2009/0029790 A1	1/2009	Nicolette et al.	
D721,544 S	1/2015	Hollander	2009/0029795 A1	1/2009	Schweigert et al.	
D721,777 S *	1/2015	Chen	2010/0130306 A1	5/2010	Schweigert	
D722,352 S	2/2015	Nicolette et al.	2010/0144461 A1	6/2010	Ban	
D723,120 S	2/2015	Nicolette	2010/0178999 A1	7/2010	Nicolette et al.	
8,961,336 B1	2/2015	Parsons et al.	2011/0111883 A1	5/2011	Cackett	
D724,164 S	3/2015	Schweigert et al.	2011/0143858 A1	6/2011	Peralta et al.	
8,979,671 B1	3/2015	Demille et al.	2011/0165963 A1	7/2011	Cackett et al.	
D726,265 S	4/2015	Nicolette	2011/0269567 A1	11/2011	Ban et al.	
D729,892 S	5/2015	Nicolette et al.	2011/0294596 A1	12/2011	Ban	

2012/0202615	A1	8/2012	Beach et al.
2013/0137532	A1	5/2013	Deshmukh et al.
2013/0225319	A1	8/2013	Kato
2013/0281226	A1	10/2013	Ban
2013/0288823	A1	10/2013	Hebreo
2013/0303303	A1	11/2013	Ban
2013/0303304	A1	11/2013	Sato
2013/0310192	A1	11/2013	Wahl et al.
2014/0080621	A1	3/2014	Nicolette et al.
2014/0128175	A1	5/2014	Jertson et al.
2014/0274441	A1	9/2014	Greer
2014/0274451	A1	9/2014	Knight et al.
2015/0231454	A1	8/2015	Parsons et al.
2015/0231806	A1	8/2015	Parsons et al.

OTHER PUBLICATIONS

International Search Report and Written Opinion Received in Connection With the Corresponding Application No. PCT/US15/42484, dated Oct. 19, 2015 (12 Pages).

International Search Report and Written Opinion Received in Connection With the Corresponding Application No. PCT/US2015/016666, dated May 14, 2015 (8 Pages).

International Search Report and Written Opinion Received in Connection With the Corresponding Application No. PCTUS2015042282, dated Oct. 13, 2015 (12 Pages).

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

U.S. Appl. No. 29/512,313, Nicolette, "Gold Club Head," filed Dec. 18, 2018.

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.

* 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 the golf club head, with a contrasting color central crown portion;

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 the golf club head, with a carbon fiber central crown portion;

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; and,

FIG. 24 is a right side view of the golf club head of FIG. 17.

The broken line showing is included for the purpose of illustrating unclaimed subject matter and forms no part of the claimed design.

1 Claim, 12 Drawing Sheets

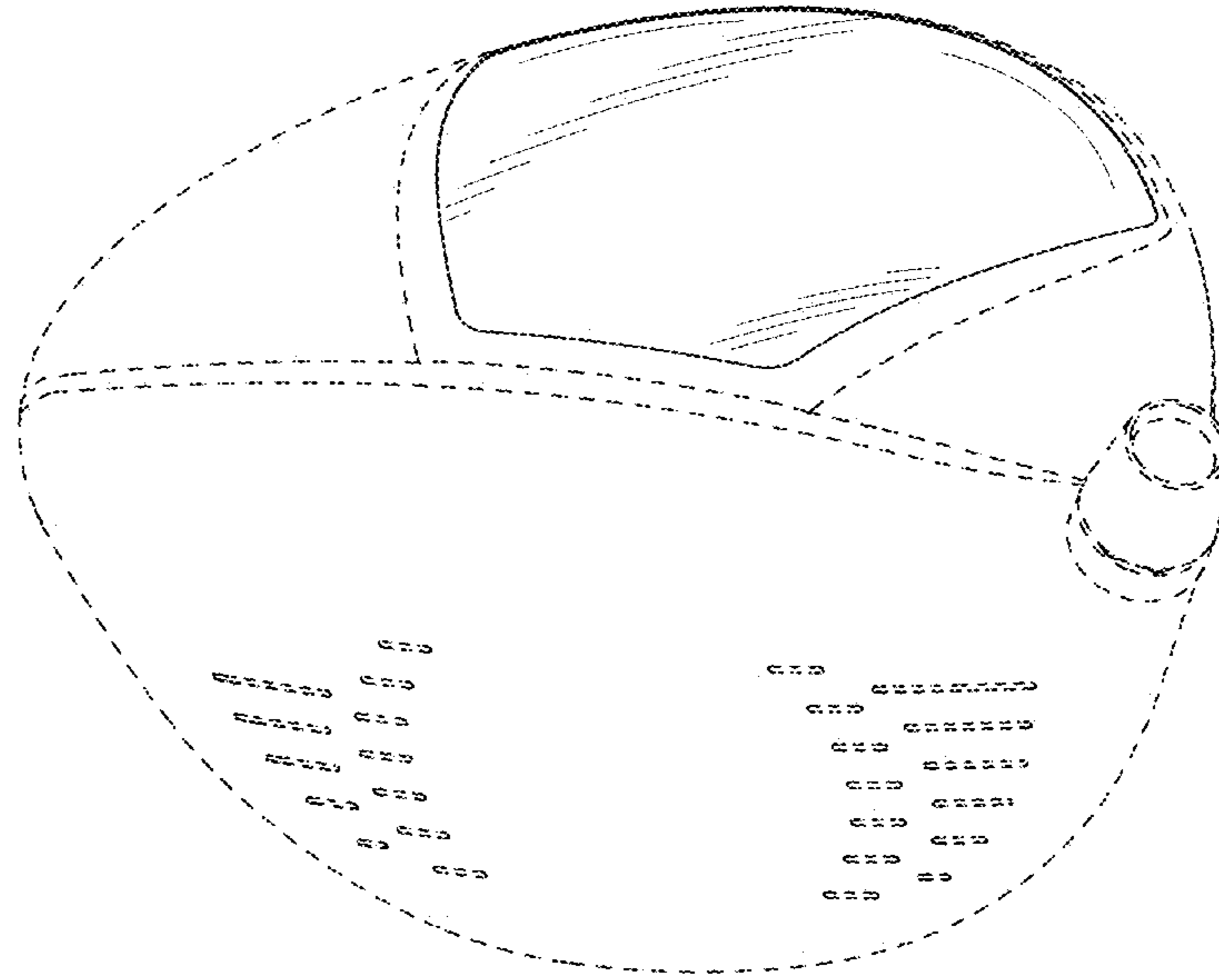


FIG. 1

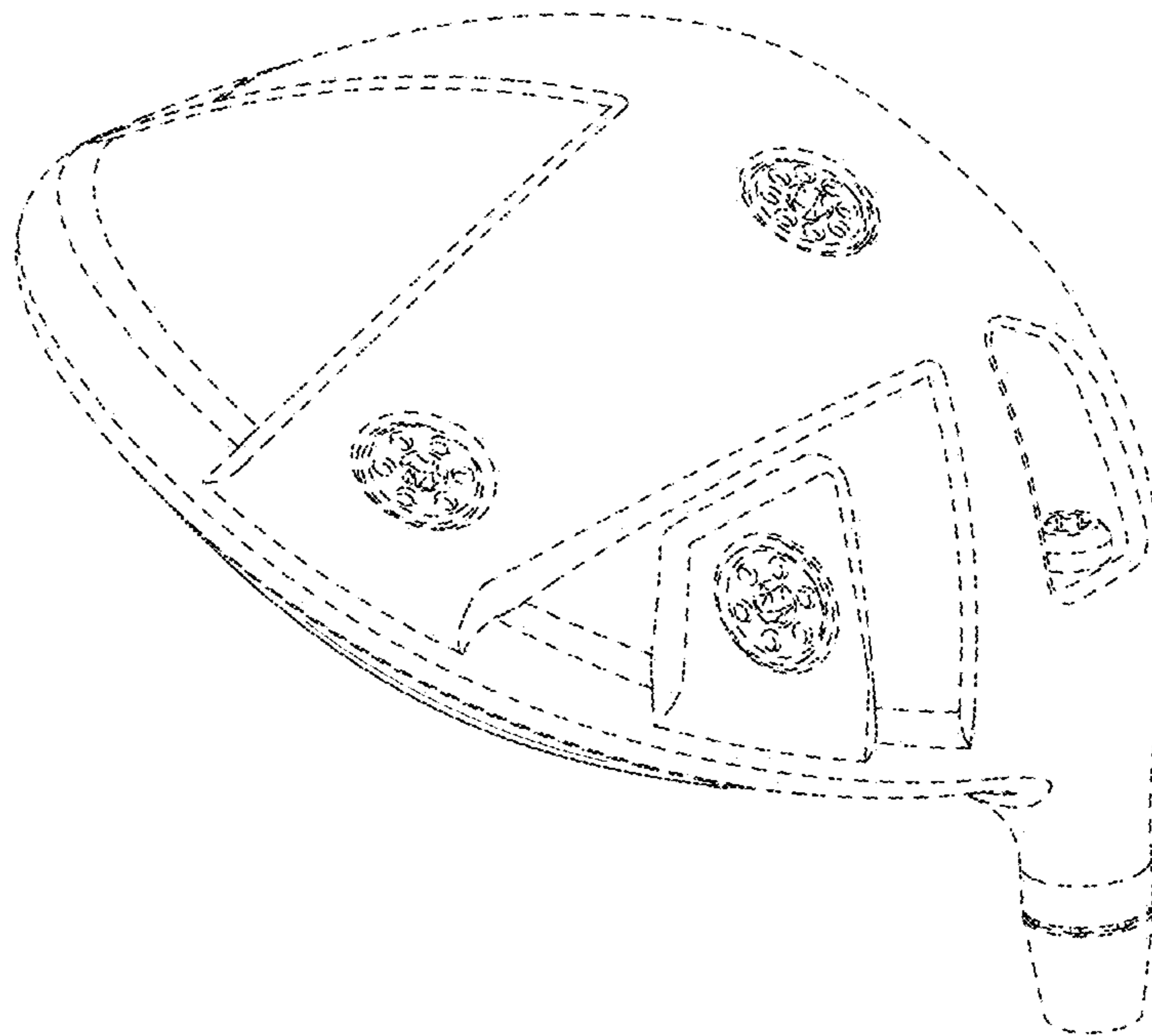


FIG. 2

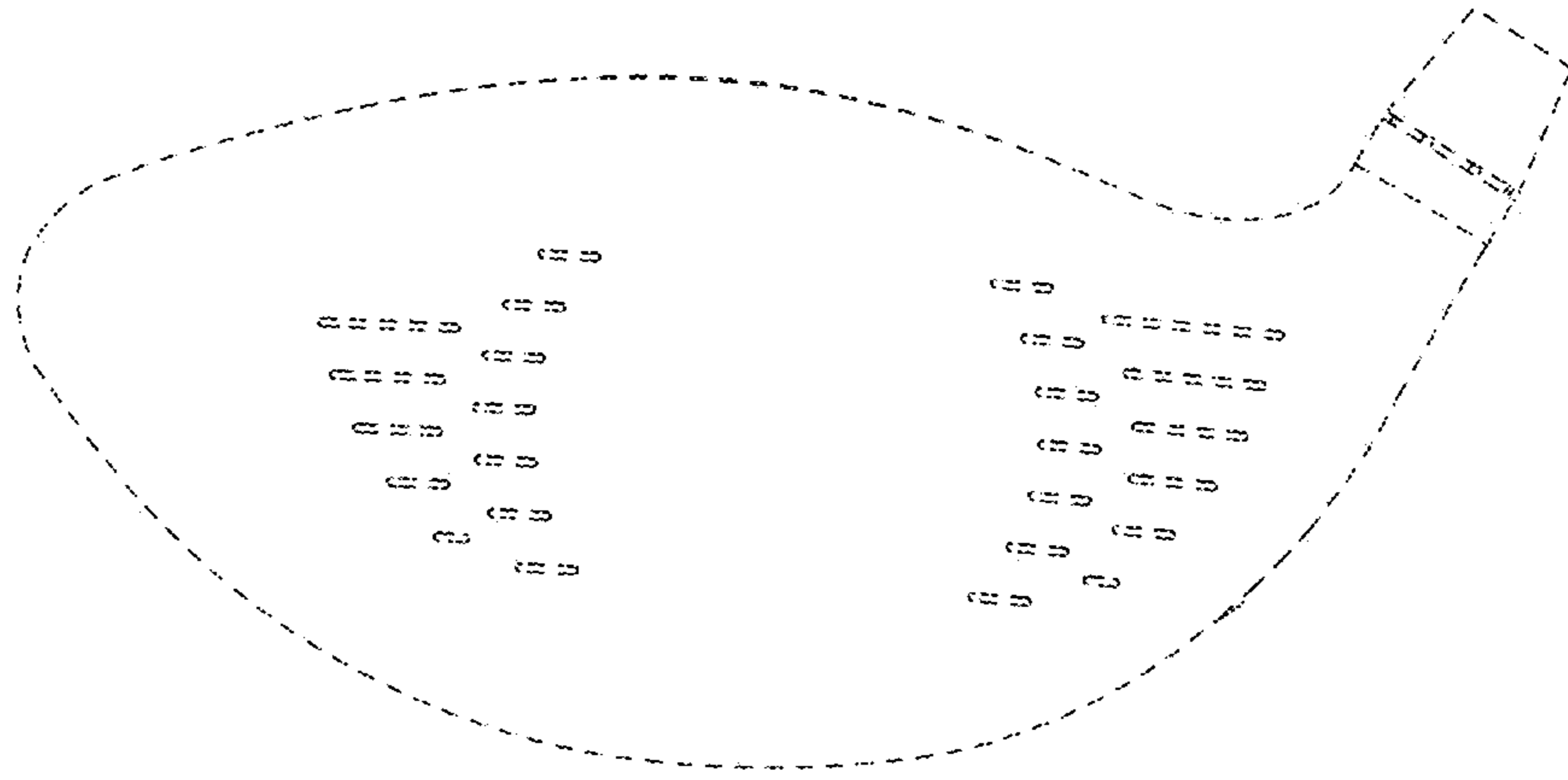


FIG. 3

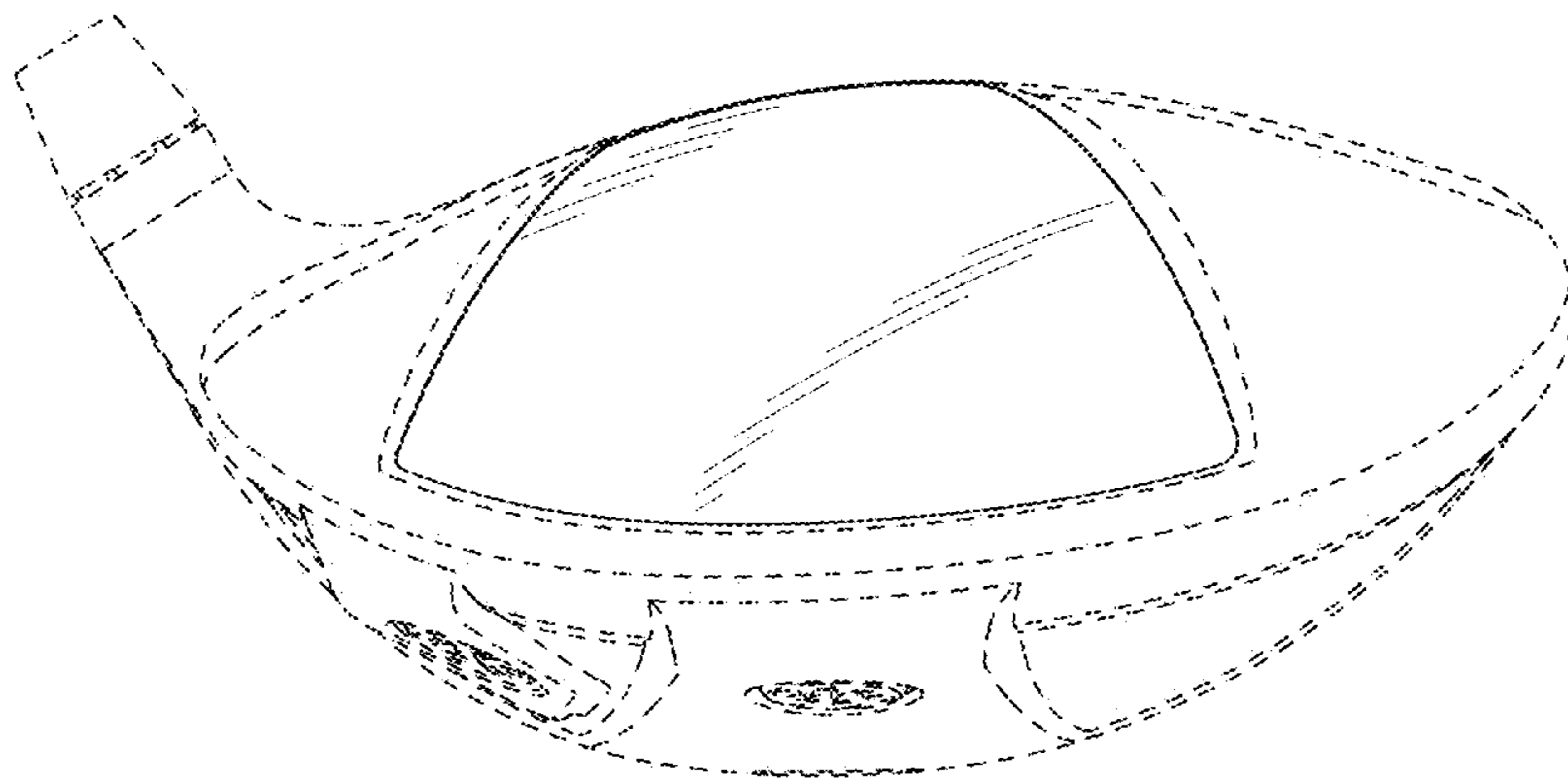


FIG. 4

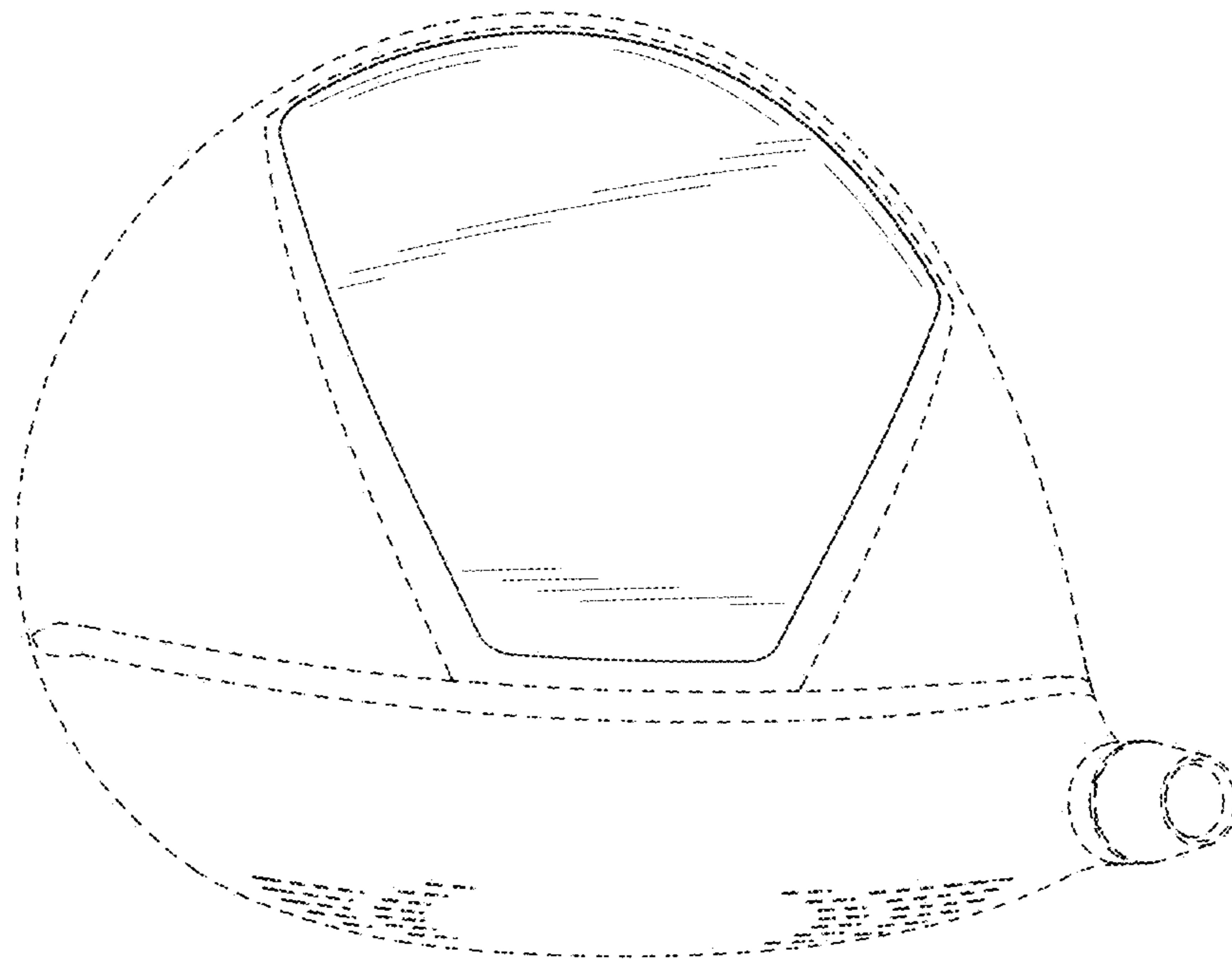


FIG. 5

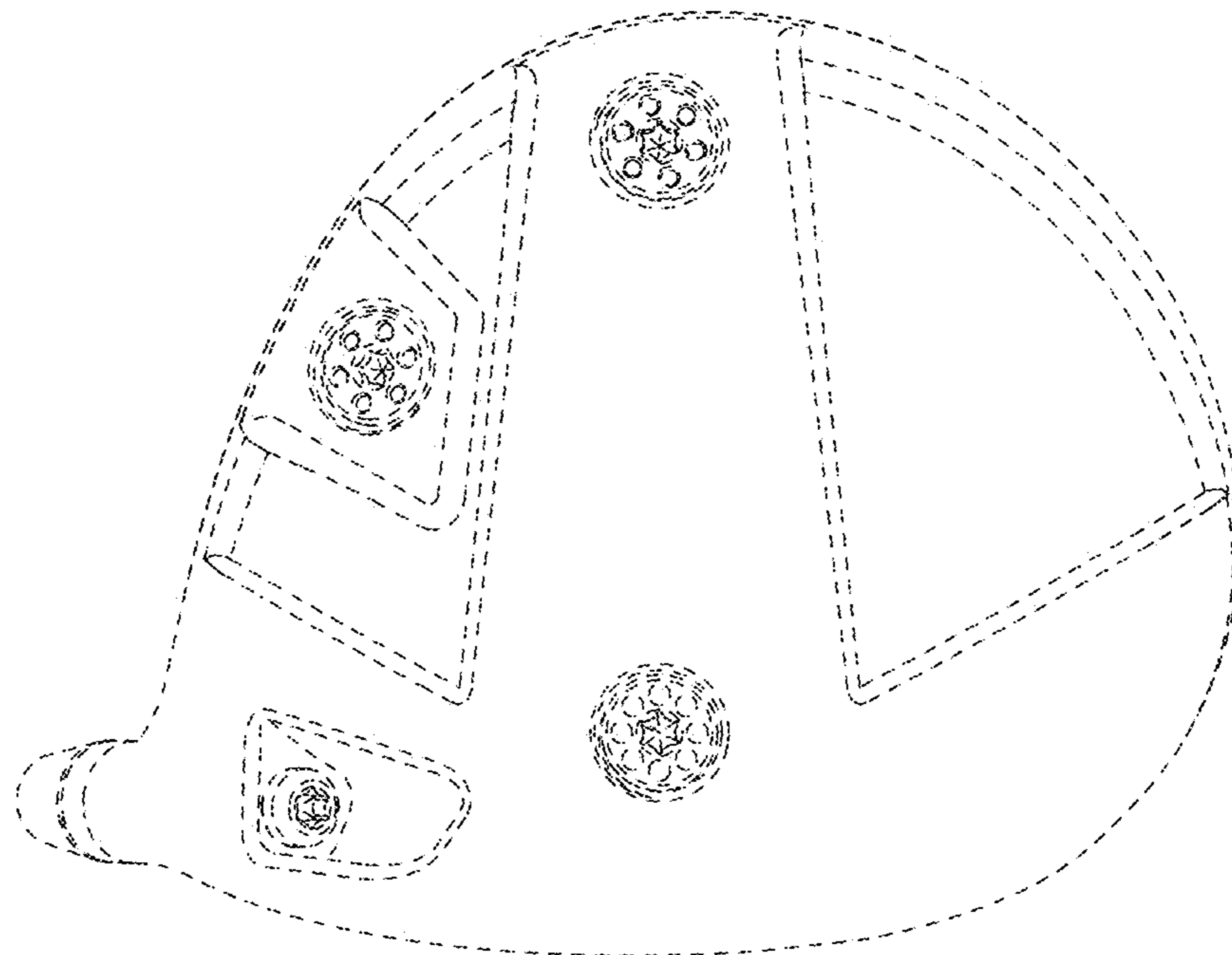


FIG. 6

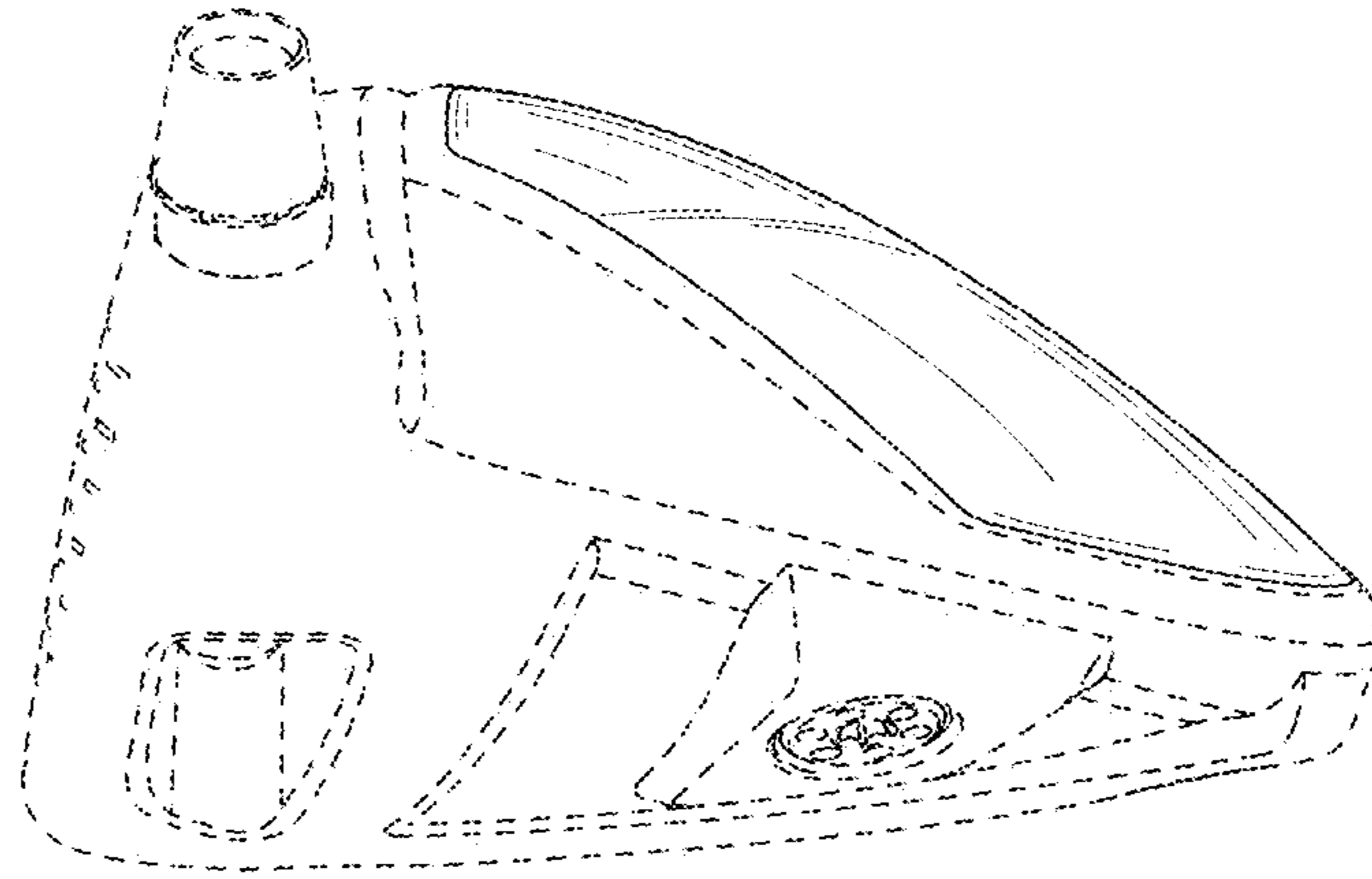


FIG. 7

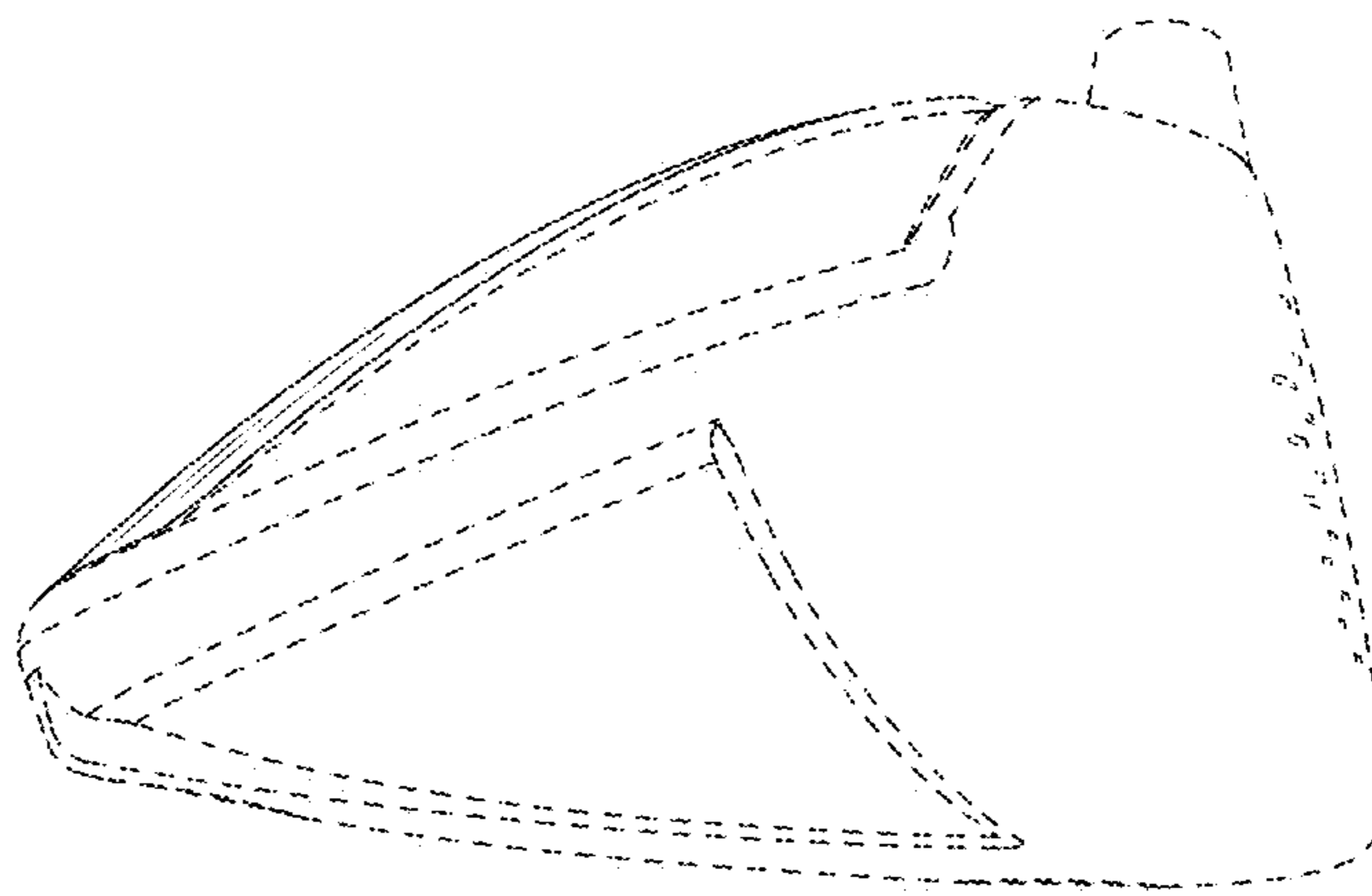


FIG. 8

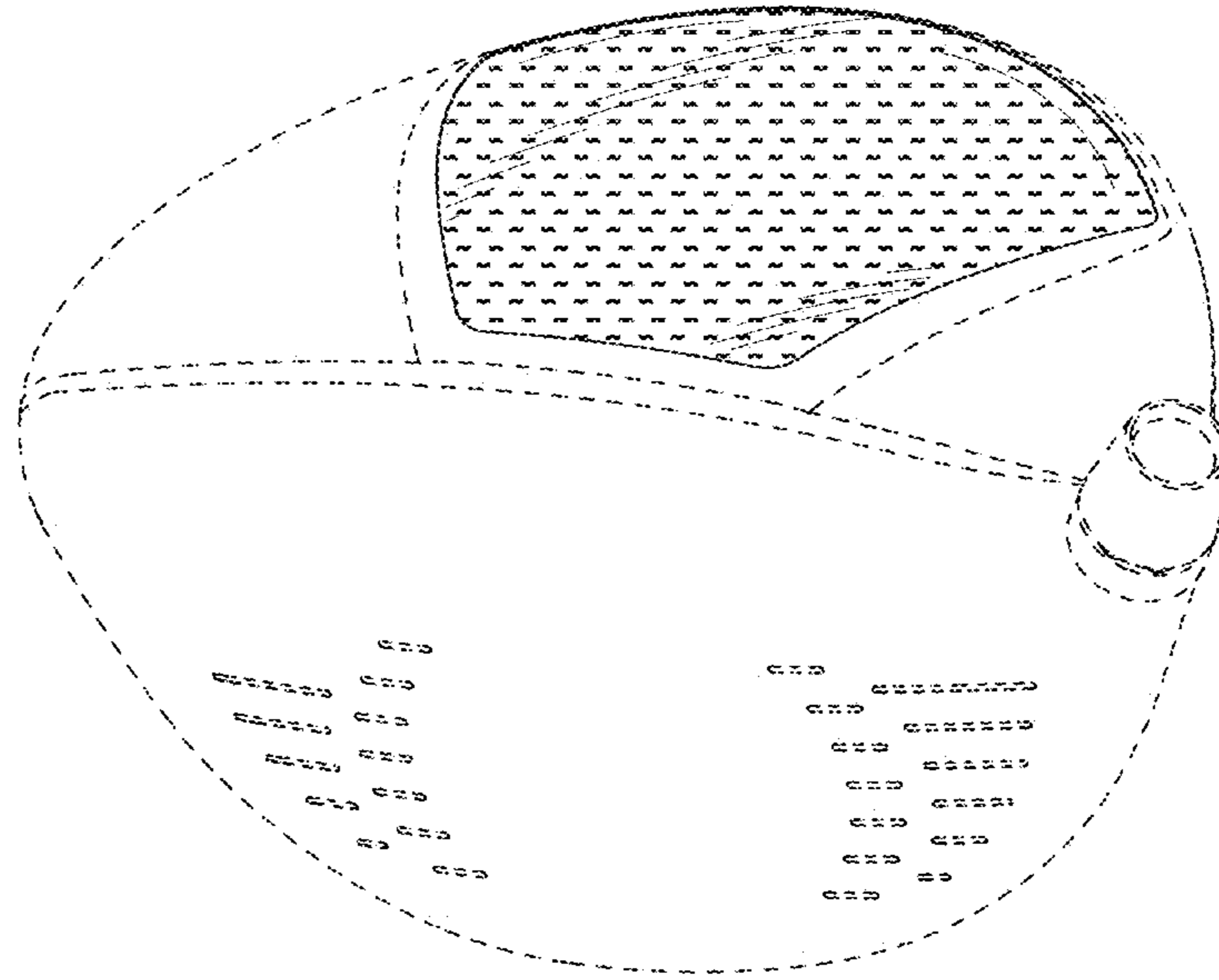


FIG. 9

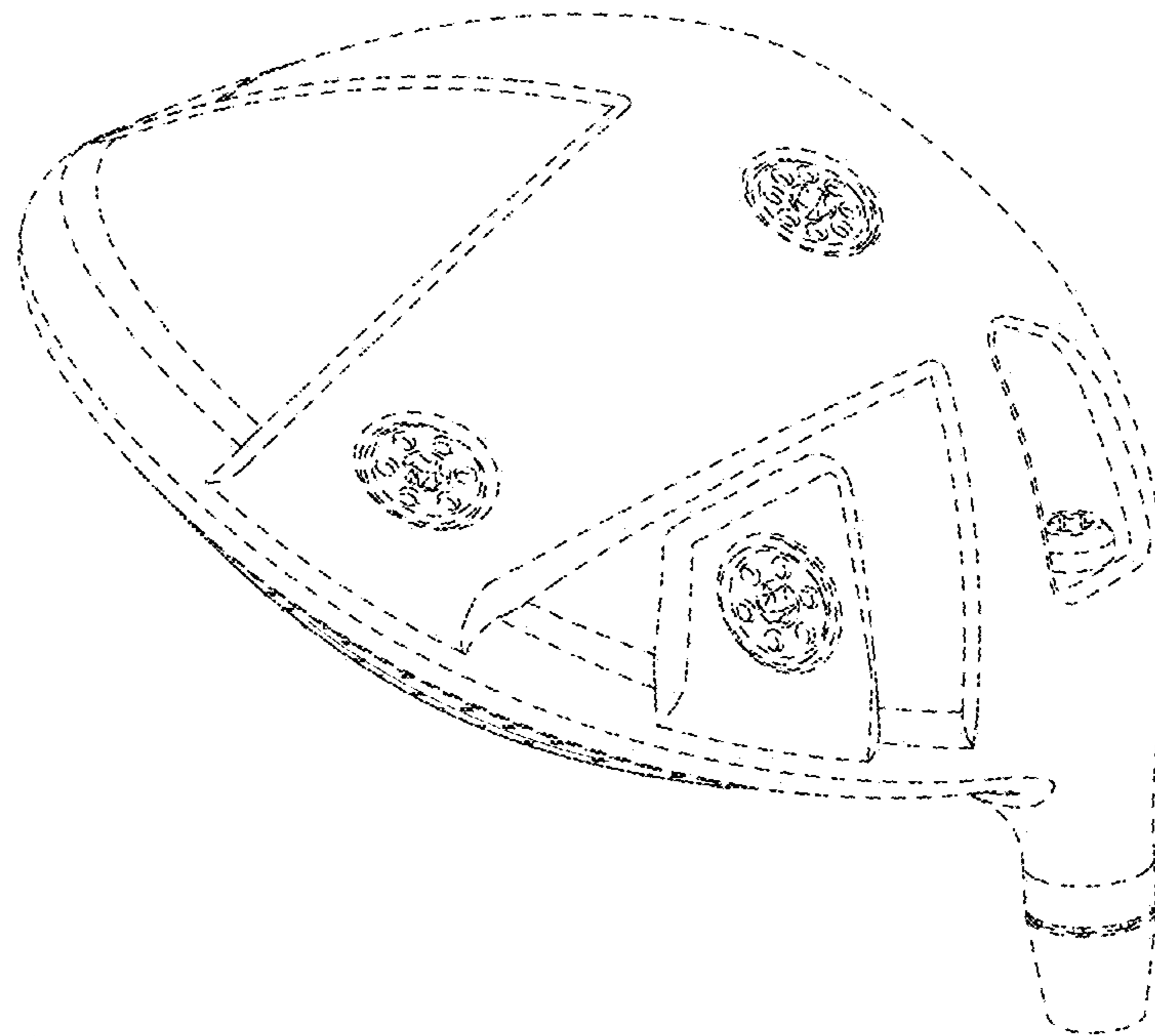


FIG. 10

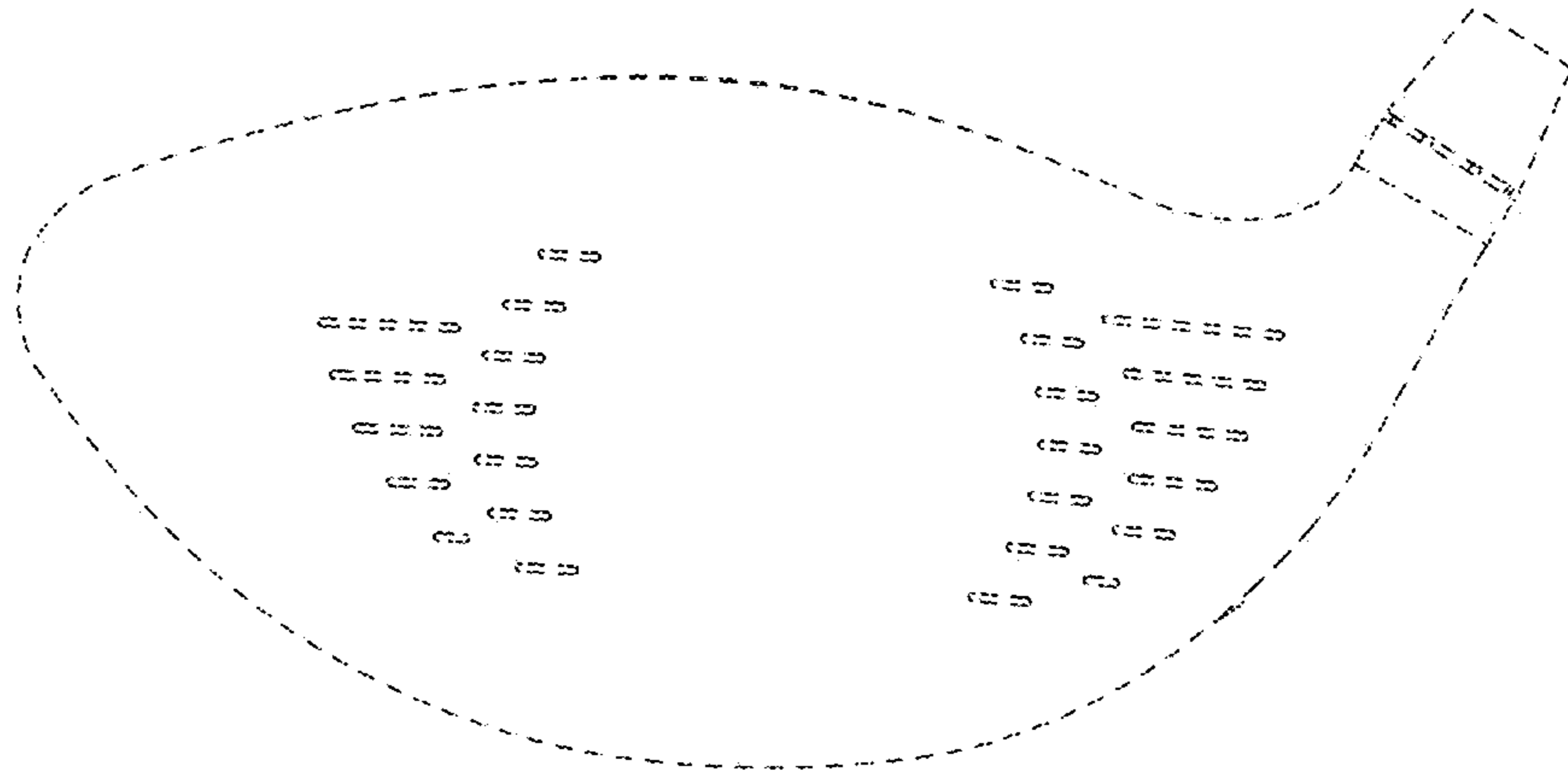


FIG. 11

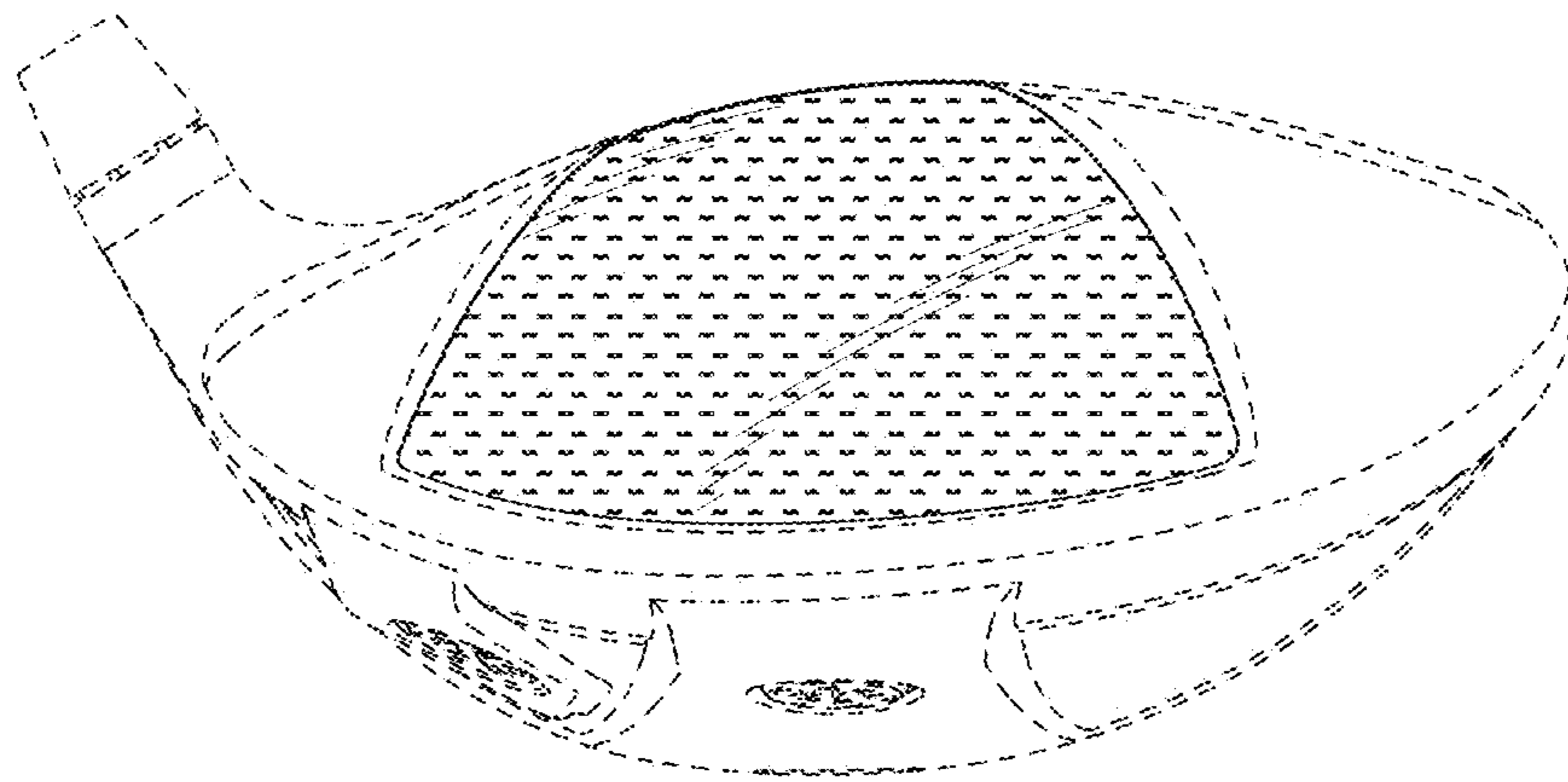


FIG. 12

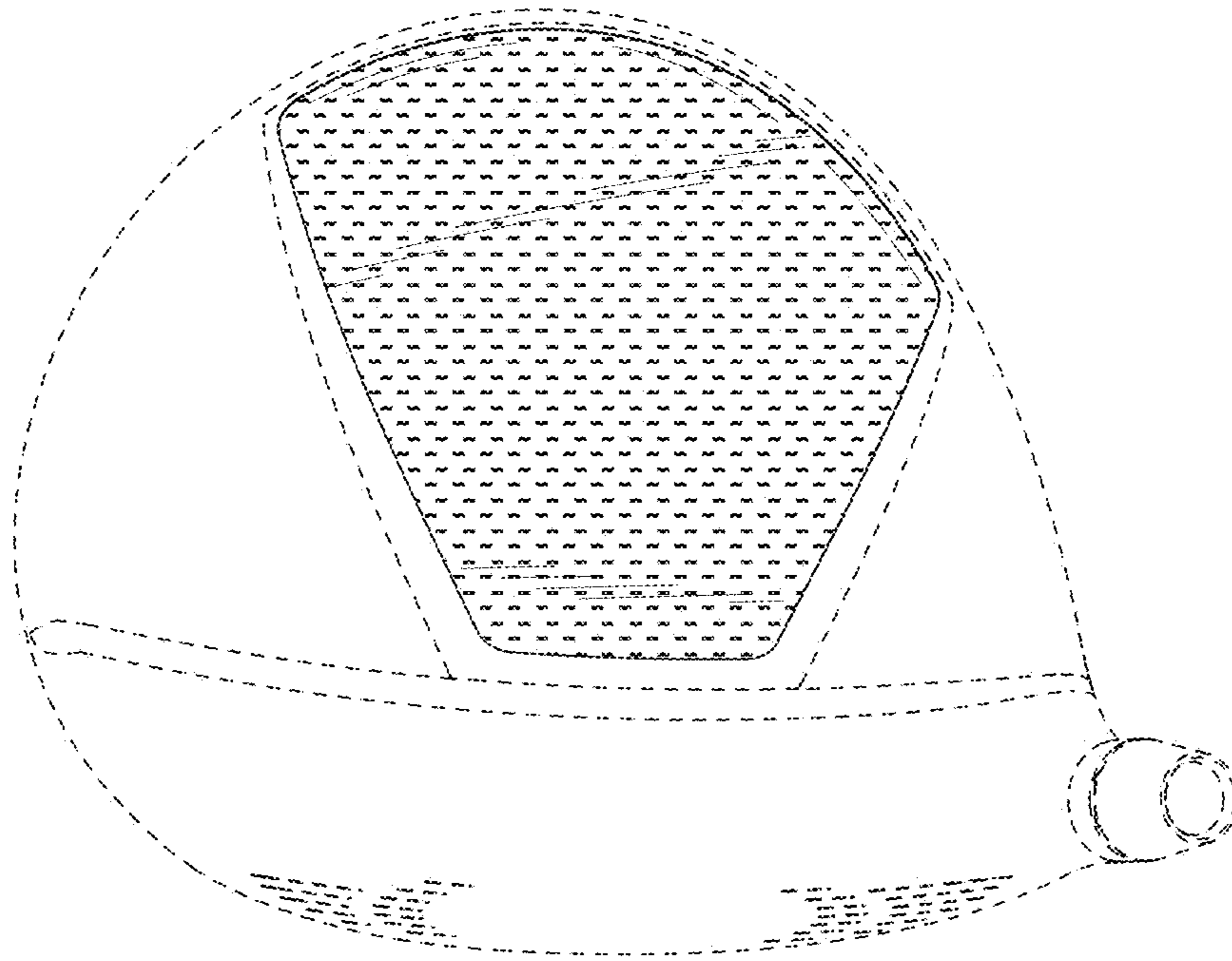


FIG. 13

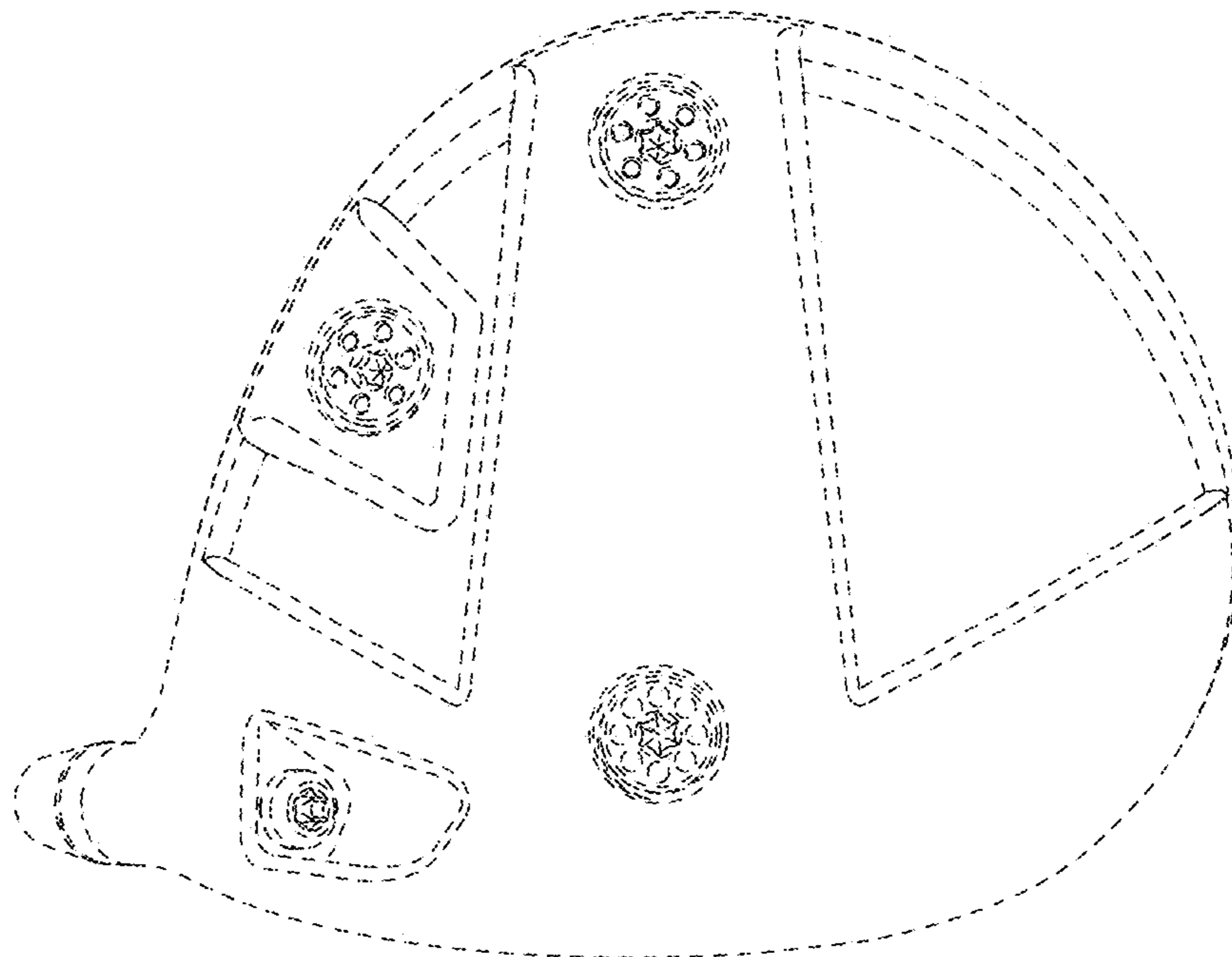


FIG. 14

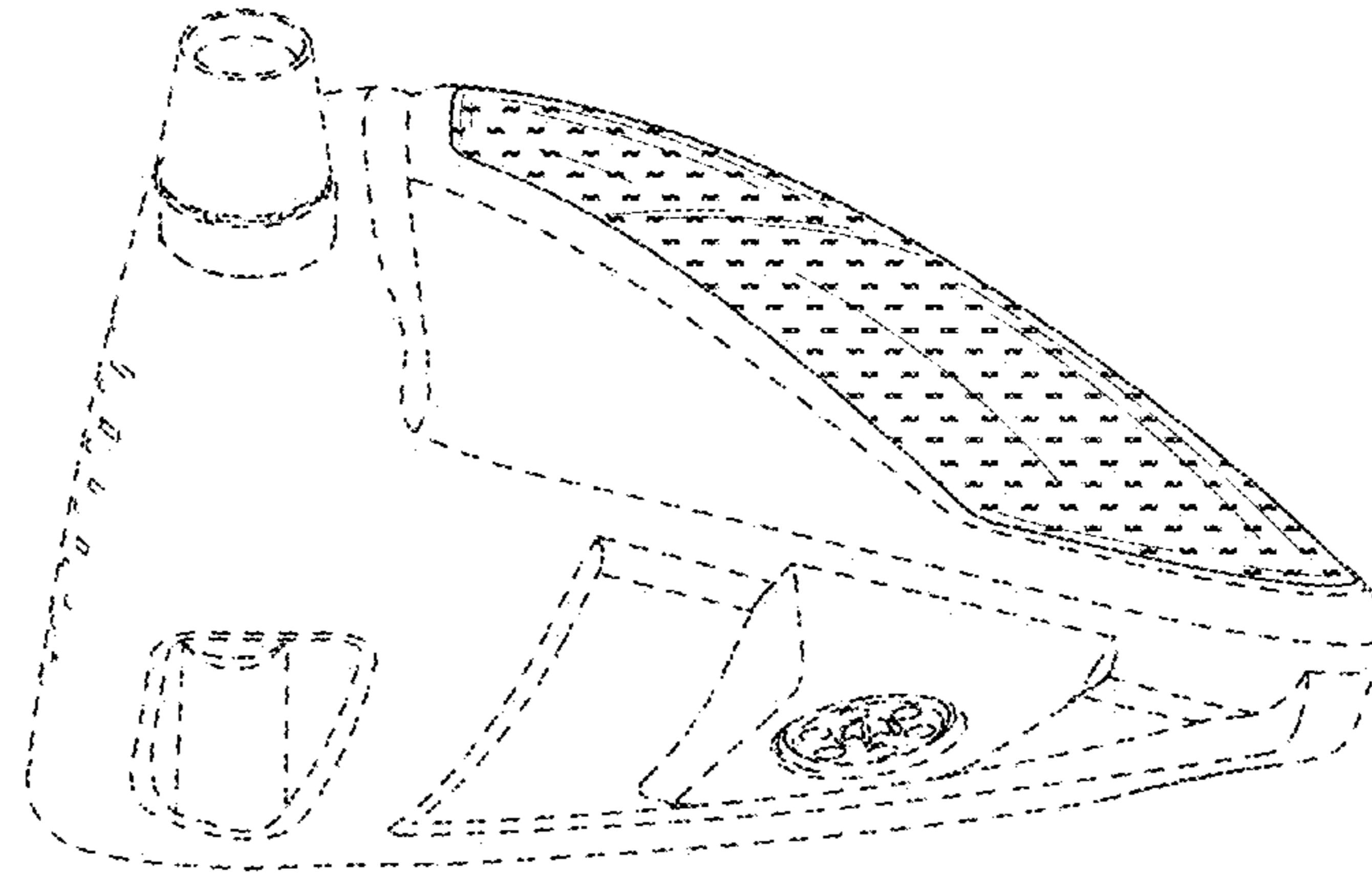


FIG. 15

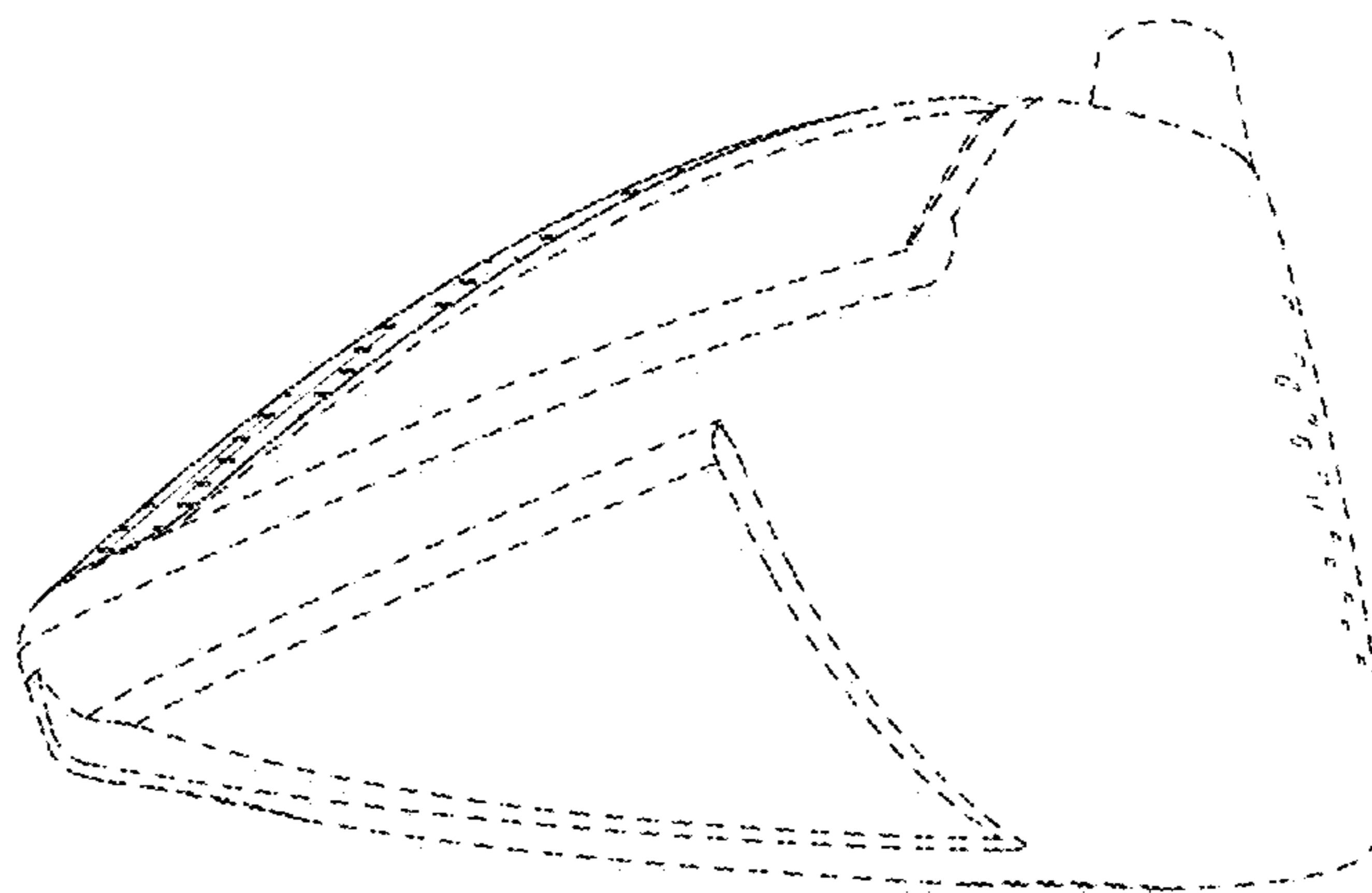


FIG. 16

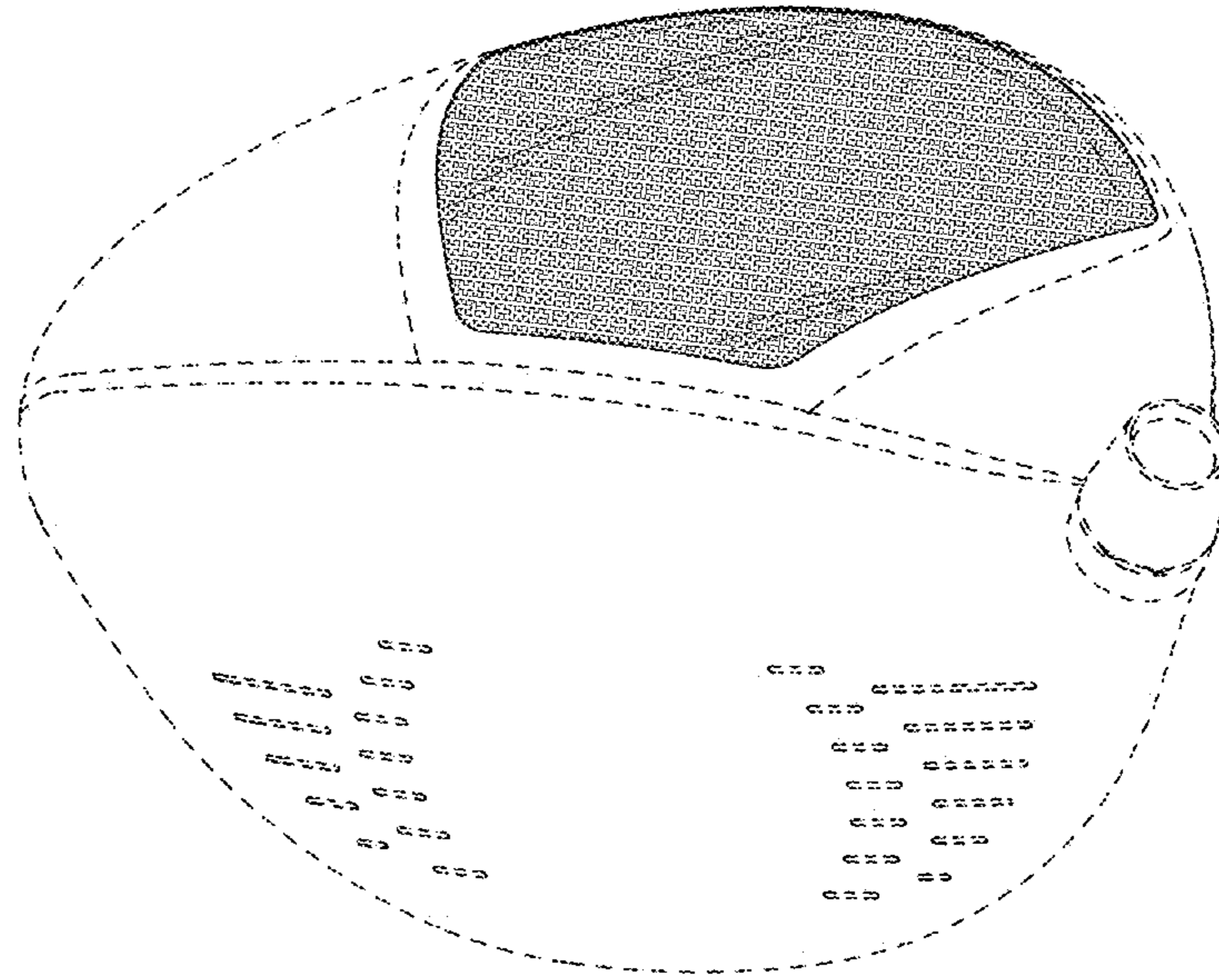


FIG. 17

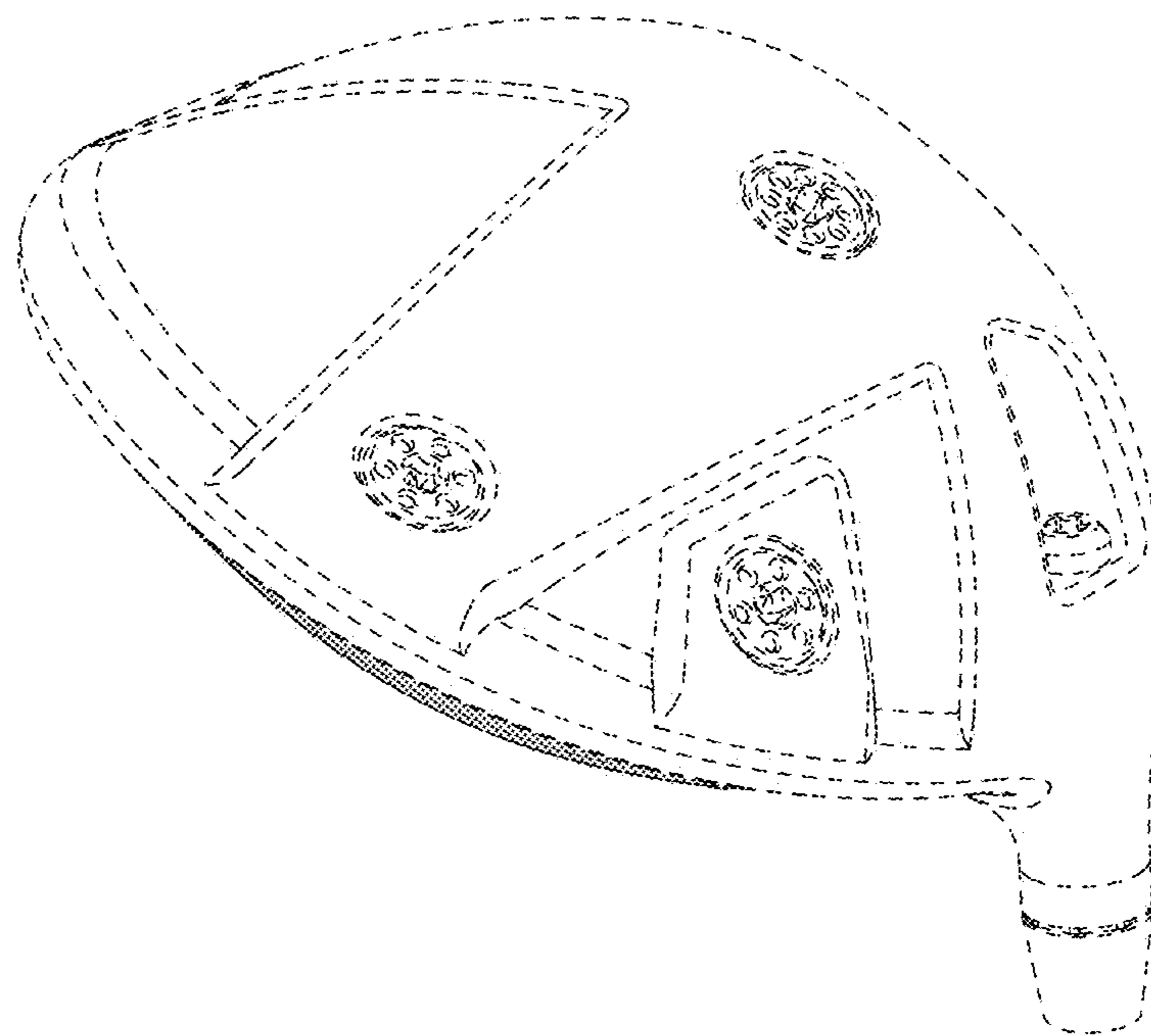


FIG. 18

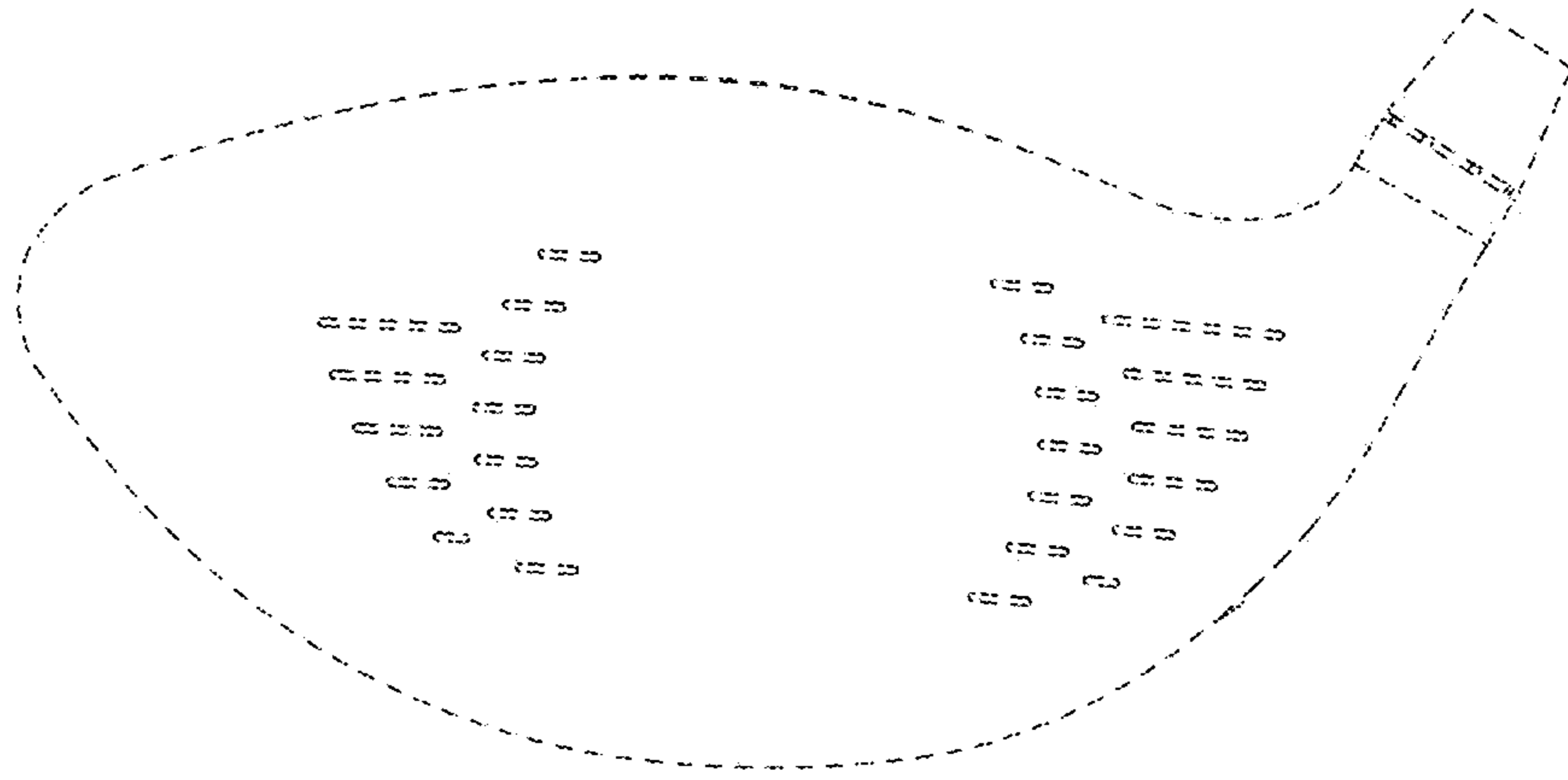


FIG. 19

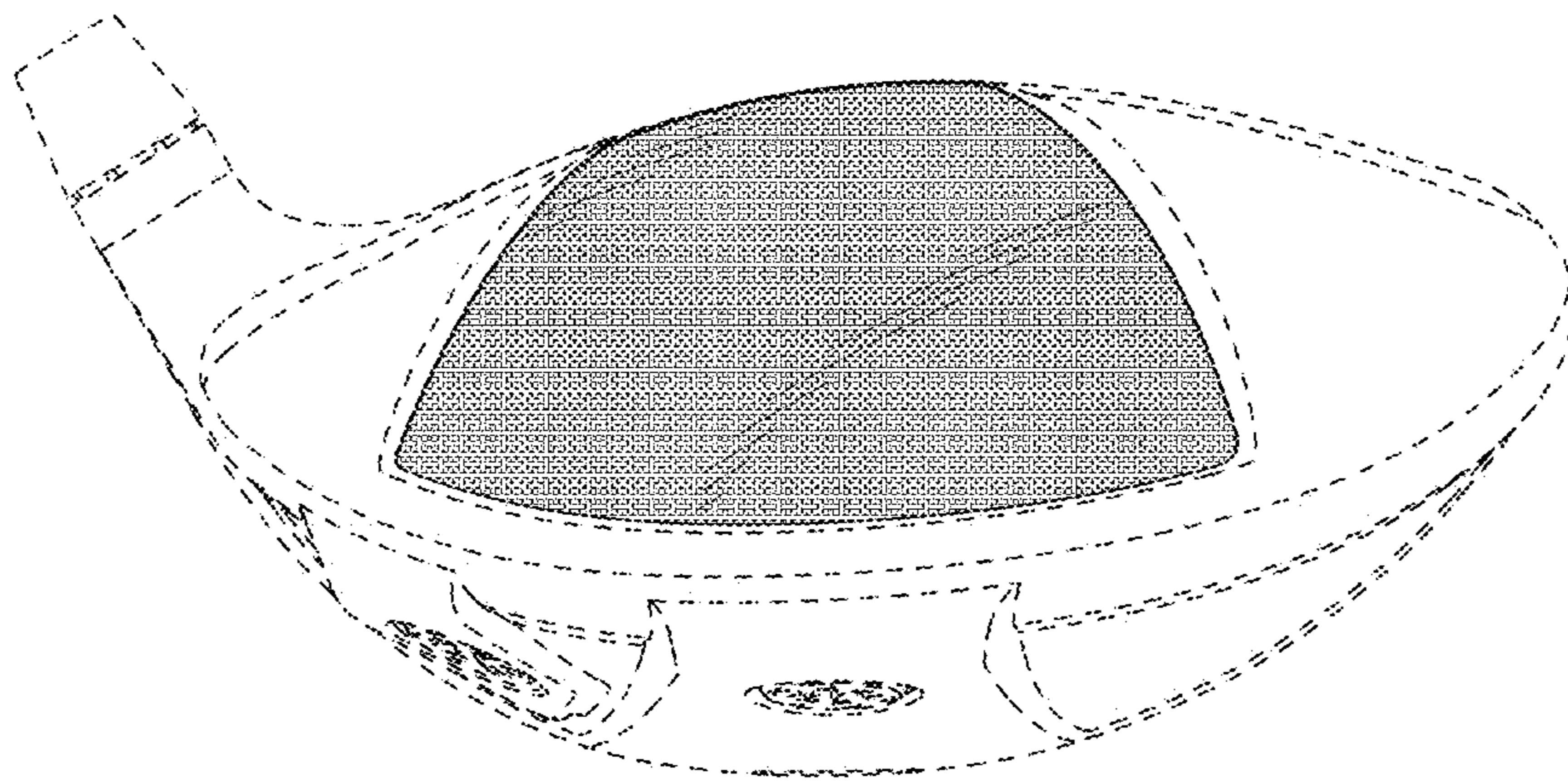


FIG. 20

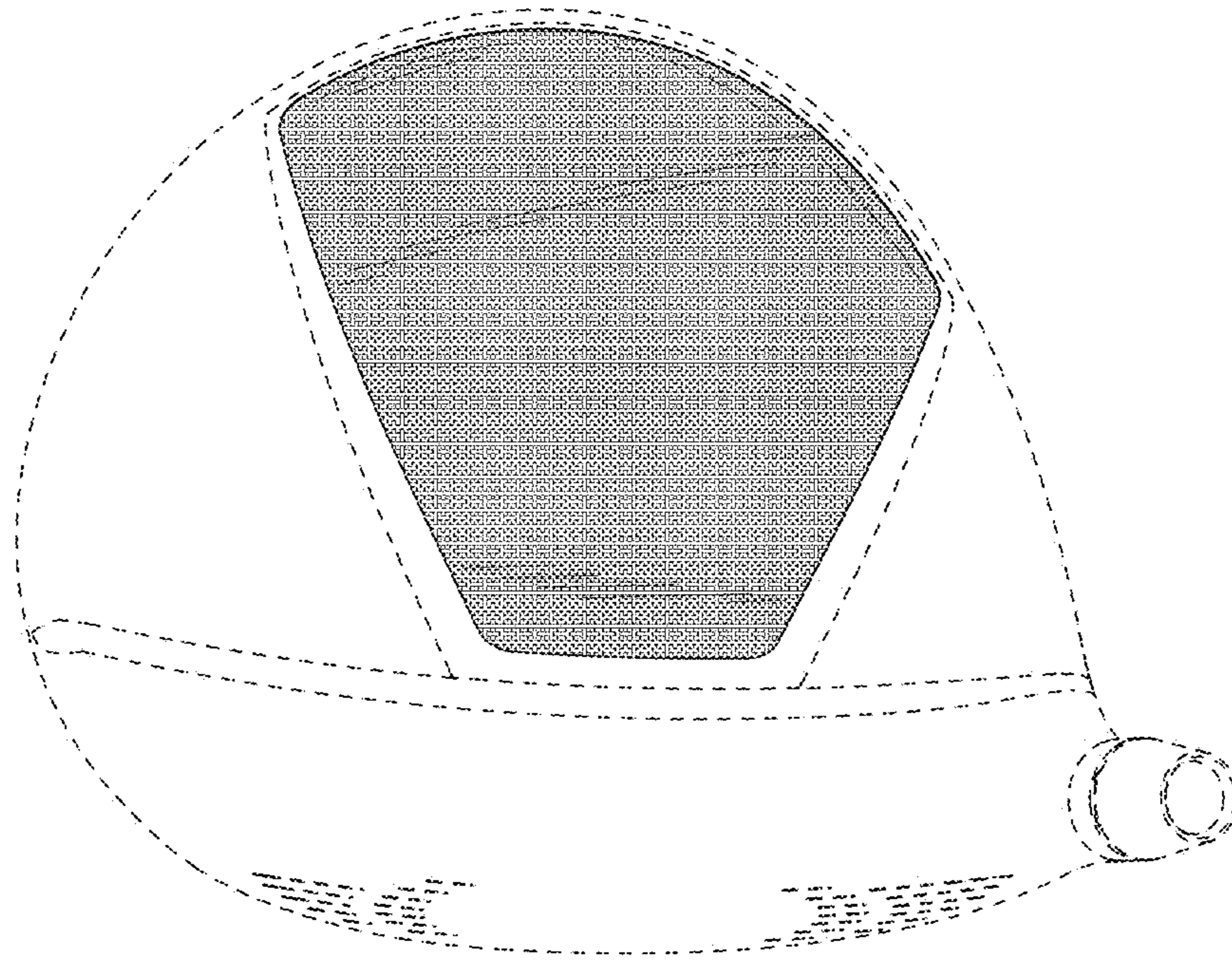


FIG. 21

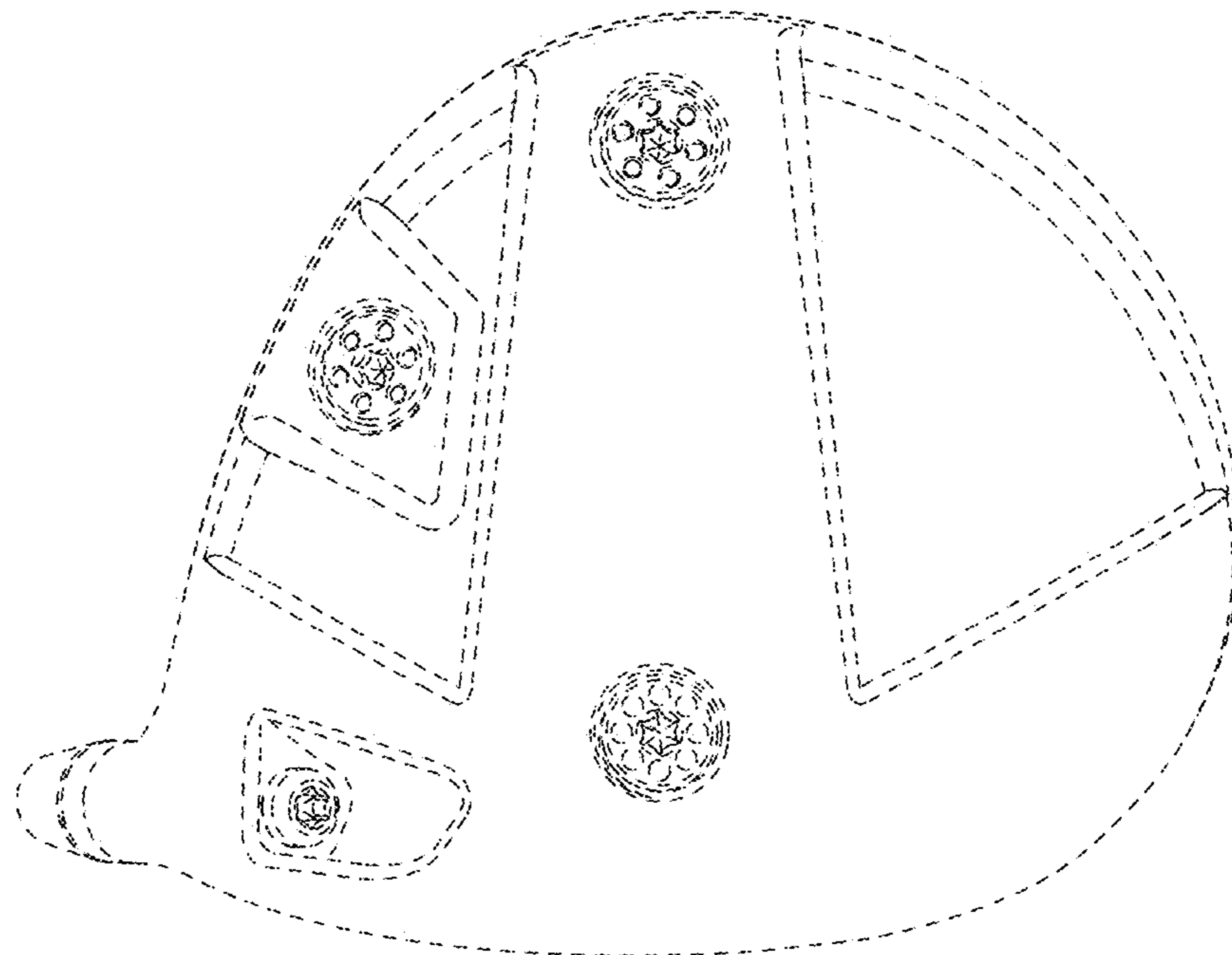


FIG. 22

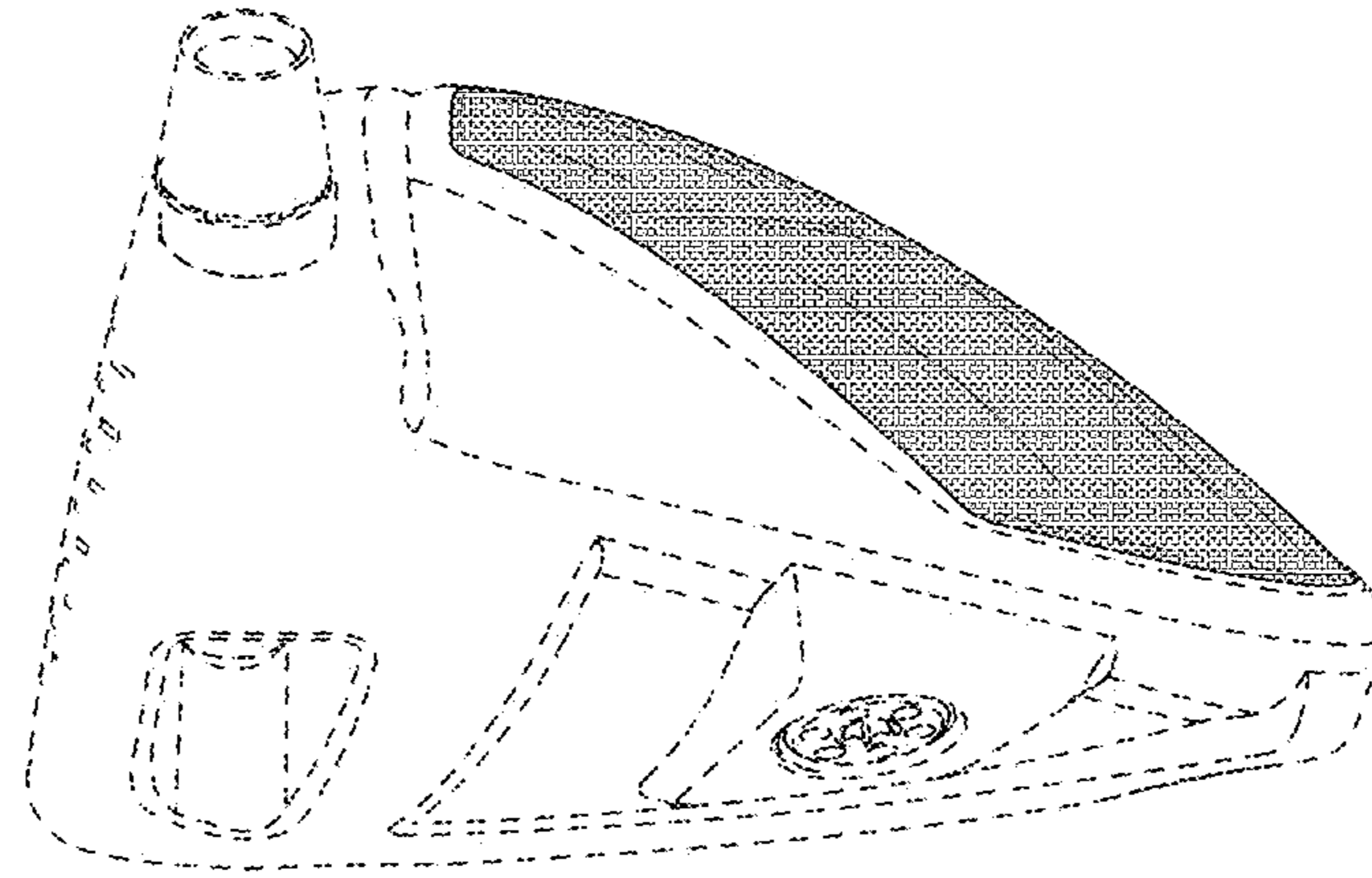


FIG. 23

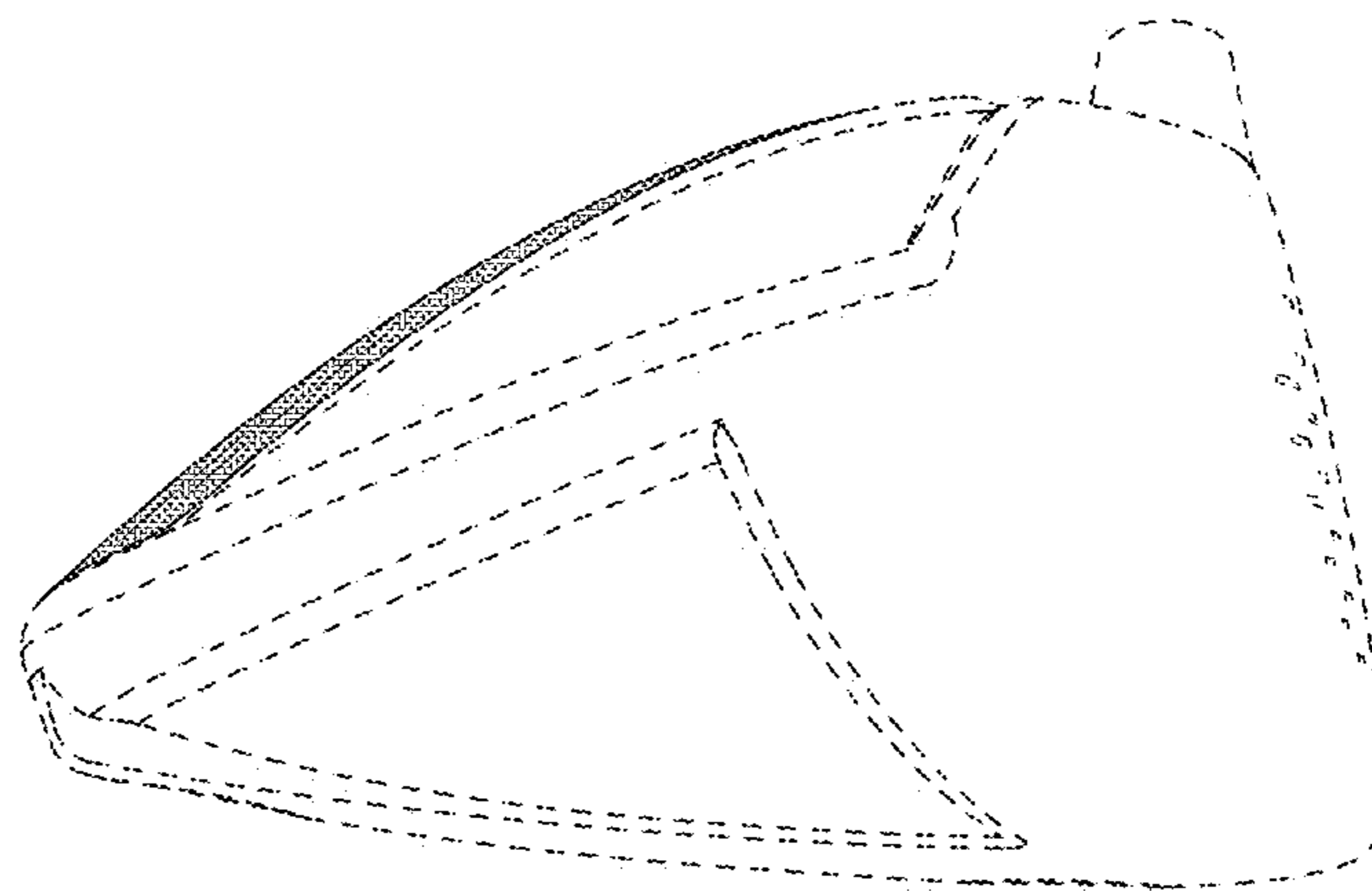


FIG. 24