



US00D901067S

(12) **United States Design Patent** (10) **Patent No.:** **US D901,067 S**  
**Powell et al.** (45) **Date of Patent:** **\*\* Nov. 3, 2020**

(54) **ELECTRONIC CIGARETTE VAPORIZER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Nicoventures Holdings Limited**,  
London (GB)

AU 201710494 4/2017  
CN 203162984 U 8/2013

(Continued)

(72) Inventors: **David Hillary Powell**, Loxwood (GB);  
**Matthew Peter Tidnam**, Thames  
Ditton (GB); **Nicholas Sandham**,  
London (GB); **Neil Martin Baron**,  
London (GB)

OTHER PUBLICATIONS

Application and Filing Receipt for Design U.S. Appl. No. 29/645,152,  
filed Apr. 24, 2018. Inventors: Powell et al., 42 pages.

(Continued)

(73) Assignee: **NICOVENTURES HOLDINGS LIMITED**, London (GB)

*Primary Examiner* — Marissa J Cash

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

(74) *Attorney, Agent, or Firm* — Patterson Thuent  
Pedersen, P.A.

(21) Appl. No.: **29/633,974**

(57) **CLAIM**

(22) Filed: **Jan. 17, 2018**

We claim the ornamental design for an electronic cigarette  
vaporizer, as shown and described.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Jul. 21, 2017 (EM) ..... 004115228

(51) **LOC (12) Cl.** ..... **27-01**

(52) **U.S. Cl.**  
USPC ..... **D27/101**; D27/162

(58) **Field of Classification Search**  
USPC ..... D27/100, 101, 139–194; D23/202;  
D13/118, 119; D19/115, 116, 162, 163,  
D19/164; D7/300; D9/444, 445  
CPC ..... A24F 47/008; A24F 47/002; A24F 15/18;  
A24F 47/00

See application file for complete search history.

FIG. 1 is a top perspective view of an electronic cigarette  
vaporizer.

FIG. 2 is a front elevational view of the electronic cigarette  
vaporizer depicted in FIG. 1.

FIG. 3 is a rear elevational view of the electronic cigarette  
vaporizer depicted in FIG. 1.

FIG. 4 is a left side elevational view of the electronic  
cigarette vaporizer depicted in FIG. 1.

FIG. 5 is a right side elevational view of the electronic  
cigarette vaporizer depicted in FIG. 1.

FIG. 6 is a top plan view of the electronic cigarette vaporizer  
depicted in FIG. 1; and,

FIG. 7 is a bottom plan view of the electronic cigarette  
vaporizer depicted in FIG. 1.

The broken lines in the drawings illustrate portions of the  
electronic cigarette vaporizer that form no part of the  
claimed design.

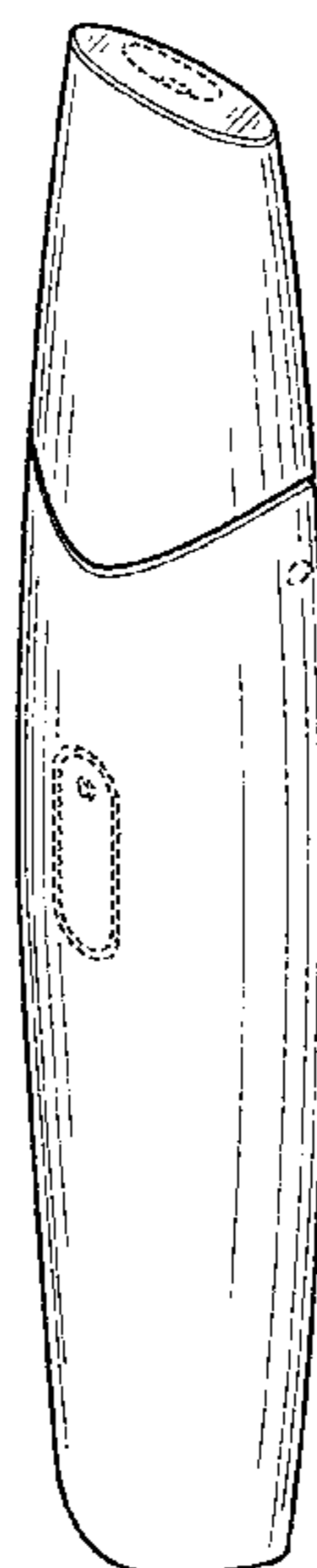
(56) **References Cited**

U.S. PATENT DOCUMENTS

D140,839 S 4/1945 Carson  
D197,689 S 3/1964 Levin  
D201,420 S 6/1965 Bernard  
D237,017 S 9/1975 Beaufour  
D299,066 S 12/1988 Newell et al.

(Continued)

**1 Claim, 6 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D329,253 S	9/1992	Sekiguchi		D802,839 S	*	11/2017	Scott	D27/194
D365,889 S	1/1996	Kim		D804,091 S		11/2017	Fornarelli	
D401,011 S	11/1998	Sloan		D804,717 S		12/2017	Wang et al.	
D418,253 S	12/1999	Bakic		D805,246 S	*	12/2017	Fakhouri	D27/101
D424,739 S	5/2000	Ross		D805,684 S		12/2017	Thuery	
D426,030 S	5/2000	Heeter et al.		D806,310 S	*	12/2017	McGarry	D27/101
D470,529 S	2/2003	Tu		D807,574 S	*	1/2018	Hawes	D27/101
D485,639 S	1/2004	Stronski		D808,071 S	*	1/2018	Folkerts	D27/101
D527,817 S	9/2006	Ziegler et al.		D813,447 S	*	3/2018	Watson	D27/162
D532,927 S	11/2006	Sann		D815,341 S	*	4/2018	Qiu	D27/101
D579,498 S	10/2008	Bhavnani et al.		D818,636 S	*	5/2018	Qiu	D27/101
D602,089 S	10/2009	Keda		D818,638 S	*	5/2018	Wright	D27/170
D641,409 S	7/2011	Wang et al.		D818,639 S		5/2018	Kayvon et al.	
D644,375 S	8/2011	Zhou		D819,263 S	*	5/2018	Zhu	D27/101
D669,123 S	10/2012	Jiang		D820,514 S		6/2018	Durand	
D673,325 S	12/2012	Marines		D820,515 S		6/2018	Nettenstrom et al.	
D676,621 S	2/2013	Florkiewicz et al.		D822,271 S	*	7/2018	Eksouzian	D27/101
8,499,766 B1	8/2013	Newton		D824,096 S		7/2018	Qiu	
D690,383 S	9/2013	Sheikh et al.		D825,099 S	*	8/2018	Wright	D27/101
D691,324 S	10/2013	Saliman		D825,102 S		8/2018	Bowen et al.	
D695,450 S	* 12/2013	Benassayag	D24/110.5	D825,103 S		8/2018	Wright et al.	
D696,455 S	12/2013	Abroff		D825,834 S	*	8/2018	Chen	D27/101
D697,616 S	1/2014	Berry et al.		D827,195 S		8/2018	Chen	
D707,484 S	6/2014	Fee		D829,372 S	*	9/2018	Huang	D27/101
D718,492 S	11/2014	Albanese		D829,980 S		10/2018	Qiu	
D720,095 S	* 12/2014	Alima	D27/101	D830,625 S	*	10/2018	Stone	D27/101
D720,496 S	* 12/2014	Alima	D27/101	D832,499 S		10/2018	Qiu	
D720,499 S	12/2014	Alima		D832,500 S	*	10/2018	Qiu	D27/162
D720,882 S	* 1/2015	Albanese	D27/101	D834,246 S	*	11/2018	Qiu	D27/162
D720,883 S	1/2015	Albanese		D835,337 S	*	12/2018	Beer	D27/162
D721,202 S	* 1/2015	Liu	D27/101	D836,831 S		12/2018	Cividi	
D723,216 S	2/2015	Chen		10,159,285 B2	*	12/2018	Watson	A24F 7/02
D725,310 S	3/2015	Ekosuzian		D837,446 S	*	1/2019	Durand	D27/101
D736,994 S	8/2015	Miuttersinker		D838,899 S		1/2019	Qiu	
D743,622 S	11/2015	Alima		D838,900 S		1/2019	Freese	
D748,853 S	2/2016	Seibel et al.		D842,536 S		3/2019	Bowen et al.	
D750,834 S	3/2016	Wei		D844,223 S	*	3/2019	Bao	D27/154
D750,835 S	3/2016	Wei		D844,225 S	*	3/2019	Bao	D27/154
D752,278 S	3/2016	Verleur		D844,235 S		3/2019	Cividi	
D753,874 S	4/2016	Moreno		D844,236 S		3/2019	Tidnam	
D756,031 S	5/2016	Wu		D844,240 S		3/2019	Kauss	
D757,352 S	5/2016	Bagai		D844,891 S	*	4/2019	Stoll	D27/153
D759,297 S	* 6/2016	Liu	D27/101	D846,796 S	*	4/2019	Pan	D27/101
D760,948 S	* 7/2016	Eksouzian	D27/101	D850,712 S	*	6/2019	Fornarelli	D27/162
D761,998 S	* 7/2016	Pinder	D27/101	D851,827 S	*	6/2019	Clark	D27/162
D763,501 S	* 8/2016	McGarry	D27/101	D853,633 S	*	7/2019	Zeng	D27/162
D763,502 S	8/2016	Verleur et al.		D855,251 S	*	7/2019	Qiu	D27/162
D764,701 S	8/2016	Malhi		D855,876 S	*	8/2019	Martin	D27/141
D768,915 S	10/2016	Wright et al.		D855,877 S	*	8/2019	Folkerts	D27/162
D773,727 S	* 12/2016	Eksouzian	D27/101	D855,878 S	*	8/2019	Qiu	D27/162
D775,412 S	* 12/2016	Di Bari	D27/101	D859,735 S	*	9/2019	Qiu	D27/162
D776,337 S	1/2017	Levin et al.		D860,520 S	*	9/2019	Cividi	D27/162
D776,869 S	1/2017	Heidl		D861,240 S	*	9/2019	Qiu	D27/101
D778,493 S	2/2017	Scott		D861,974 S	*	10/2019	Zhao	D27/154
D779,719 S	2/2017	Qiu		D863,665 S	*	10/2019	Huang	D27/101
D780,991 S	* 3/2017	Liu	D27/101	D863,670 S	*	10/2019	He	D27/162
D782,728 S	* 3/2017	Pinder	D27/101	D864,474 S	*	10/2019	Smith	D27/162
D782,729 S	3/2017	Wright et al.		D866,064 S	*	11/2019	Powell	D27/170
D785,862 S	* 5/2017	Wu	D27/167	D866,852 S	*	11/2019	Cividi	D27/101
D786,497 S	5/2017	Sudlow et al.		D868,360 S	*	11/2019	Stone	D27/101
D787,114 S	5/2017	Scott		D868,361 S	*	11/2019	Stone	D27/101
D790,123 S	* 6/2017	Beer	D27/101	D869,085 S	*	12/2019	Campbell	D27/162
D790,124 S	* 6/2017	Beer	D27/101	D870,369 S	*	12/2019	Greenbaum	D27/162
D790,125 S	* 6/2017	Beer	D27/101	D870,370 S	*	12/2019	Greenbaum	D27/162
D792,021 S	* 7/2017	Beer	D27/101	D870,372 S	*	12/2019	Zhu	D27/167
D792,643 S	7/2017	Wong et al.		D872,932 S	*	1/2020	Powell	D27/162
D795,496 S	* 8/2017	Beer	D27/101	D877,976 S	*	3/2020	Ding	D27/162
D798,500 S	* 9/2017	Joyce, III	D27/189	2010/0200008 A1		8/2010	Taieb	
D799,110 S	* 10/2017	Qiu	D27/101	2013/0042865 A1		2/2013	Monsees et al.	
D799,112 S	* 10/2017	Qiu	D27/101	2013/0152954 A1		6/2013	Youn	
D799,113 S	* 10/2017	Qiu	D27/101	2013/0199528 A1		8/2013	Goodman et al.	
D799,745 S	* 10/2017	Qiu	D27/101	2014/0026903 A1		1/2014	Haider	
D799,748 S	10/2017	Freese		2014/0283858 A1		9/2014	Liu	
D799,749 S	10/2017	Freese		2015/0034104 A1*		2/2015	Zhou	A24F 47/008 131/329
D800,383 S	10/2017	Verleur et al.		2015/0059786 A1		3/2015	Lie et al.	
				2015/0101623 A1		4/2015	Liu	
				2015/0114406 A1		4/2015	Newton	
				2015/0128971 A1		5/2015	Verleur et al.	



(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0150307 A1 6/2015 Liu  
 2015/0164141 A1 6/2015 Newton  
 2015/0181930 A1 7/2015 Liu  
 2015/0181940 A1 7/2015 Liu  
 2015/0196055 A1 7/2015 Liu  
 2015/0208728 A1 7/2015 Lord  
 2015/0333542 A1 11/2015 Alarcon et al.  
 2015/0335075 A1 11/2015 Minskoff et al.  
 2015/0342255 A1 12/2015 Wu  
 2016/0050976 A1 2/2016 Righetti  
 2016/0113325 A1 4/2016 Liu  
 2016/0150823 A1 6/2016 Liu  
 2016/0204637 A1 7/2016 Alarcon et al.  
 2016/0213065 A1 7/2016 Wensley et al.  
 2016/0270441 A1 9/2016 Lewis et al.  
 2016/0270446 A1 9/2016 Shenkal et al.  
 2016/0278163 A1 9/2016 Chen  
 2016/0278436 A1 9/2016 Verleur et al.  
 2016/0286864 A1 10/2016 Lin  
 2016/0366941 A1 12/2016 Lin  
 2017/0035117 A1 2/2017 Lin  
 2017/0215478 A1\* 8/2017 Harrison ..... A24F 40/40  
 2018/0043114 A1 2/2018 Bowen et al.  
 2018/0098568 A1 4/2018 Qiu  
 2018/0098571 A1\* 4/2018 Watson ..... A24F 7/02  
 2018/0153221 A1\* 6/2018 Verleur ..... A24F 47/008  
 2018/0279682 A1\* 10/2018 Guo ..... A24F 47/008  
 2018/0310618 A1 11/2018 Watson  
 2019/0029319 A1\* 1/2019 Moorman ..... A24F 9/02  
 2019/0037926 A1 2/2019 Qiu  
 2019/0053542 A1 2/2019 Chen

FOREIGN PATENT DOCUMENTS

CN 302876551 7/2014  
 CN 303115457 S 2/2015  
 CN 104432543 A 3/2015

EM 001279020-0001 7/2011  
 EM 001316533-0003 3/2012  
 EM 001307631-0024 4/2012  
 EM 003346022-0012 8/2016  
 JP 1519006 S 3/2015  
 JP 1519007 S 3/2015  
 JP 1561415 S 10/2016  
 JP 1563215 S 11/2016  
 JP 1563216 S 11/2016  
 KR 3006818400000 2/2013  
 KR 3006818400001 5/2013  
 KR 3006818400002 5/2013  
 KR 3007215630000 12/2013  
 RU 96946 S 1/2016  
 WO WODM081209 6/2013

OTHER PUBLICATIONS

Application and Filing Receipt for Design U.S. Appl. No. 29/645,154, filed Apr. 24, 2018. Inventors. Powell et al., 42 pages.  
 Application and Filing Receipt for Design U.S. Appl. No. 29/645,155, filed Apr. 24, 2018. Inventors: Power et al., 43 pages.  
 Application and Filing Receipt for Design U.S. Appl. No. 29/645,149, filed Apr. 24, 2018. Inventors: Powell et al., 41 pages.  
 Decision to Grant in Russian Application No. 2018500239/49, dated Jul. 6, 2018, 4 pages.  
 Decision to Grant in Russian Application No. 2018500240/49, dated Jul. 6, 2018, 4 pages.  
 Notice of Allowance in Japanese Application No. 2018-000974, dated Apr. 3, 2018, 4 pages.  
 Notice of Allowance in Japanese Application No. 2018-000975, dated Apr. 3, 2018, 4 pages.  
 Black Mamba Dry Herb Vaporizer by BLK. earliest review dated Sep. 17, 2017, found online [Apr. 28, 2019] [https://www.amazon.co.uk/Black-Mamba-Dry-Herb-Vaporizer/product-reviews/B074WCDJ5W/ref=cm\\_cr\\_getr\\_d\\_paging\\_btm\\_next\\_2?ie=UTF8&reviewerType=all\\_reviews&sortBy=recent&pageNumber=2](https://www.amazon.co.uk/Black-Mamba-Dry-Herb-Vaporizer/product-reviews/B074WCDJ5W/ref=cm_cr_getr_d_paging_btm_next_2?ie=UTF8&reviewerType=all_reviews&sortBy=recent&pageNumber=2).

\* cited by examiner

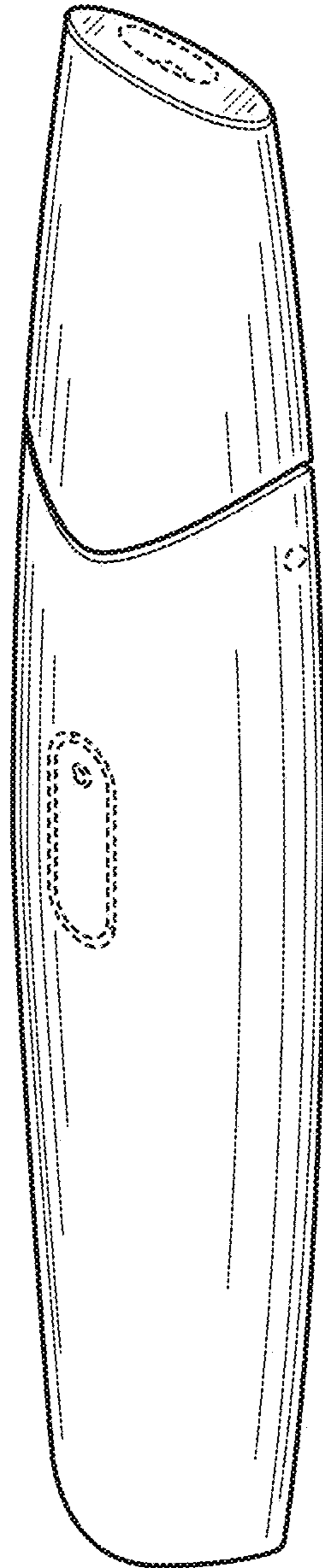


FIG. 1

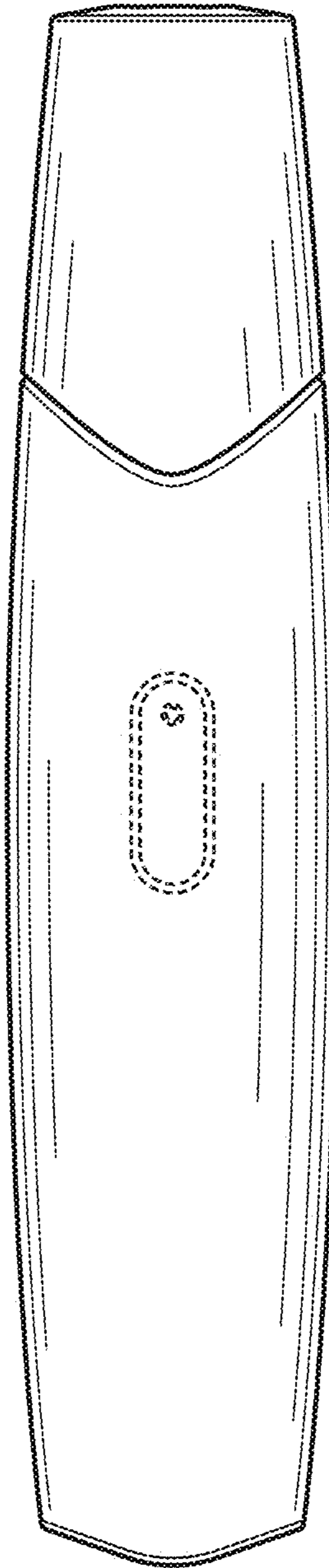


FIG. 2

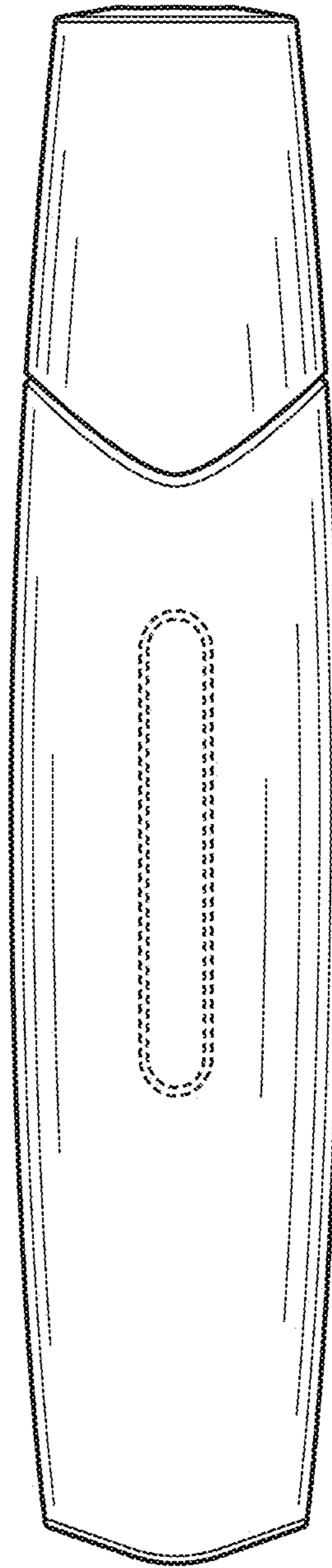


FIG. 3

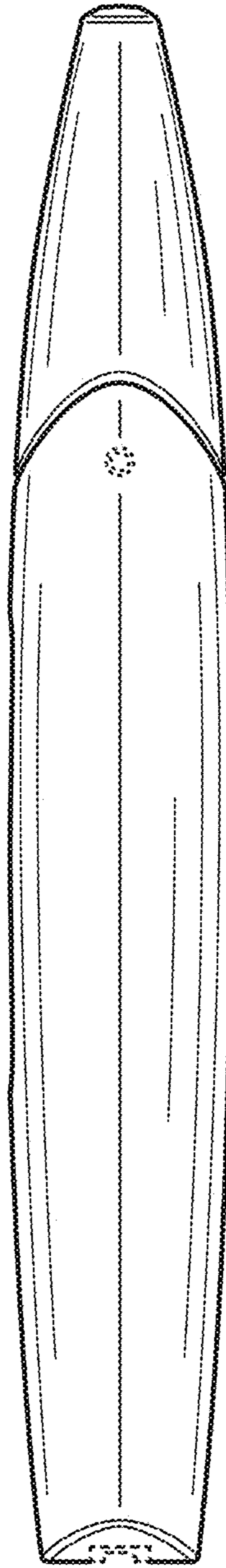


FIG. 4

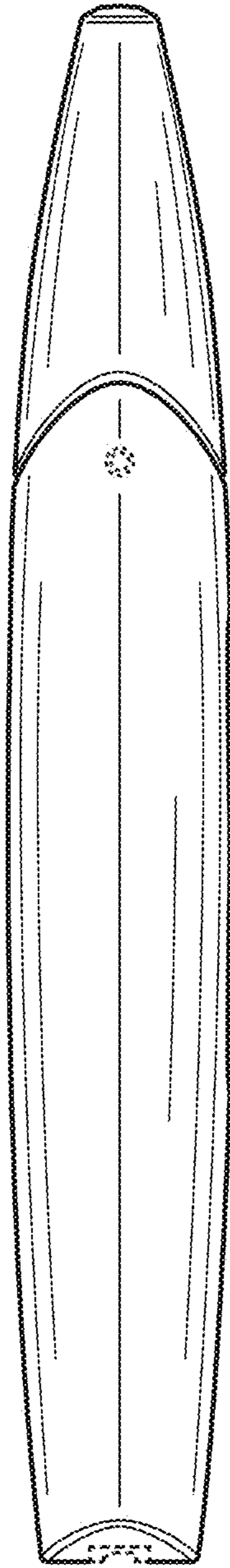


FIG. 5



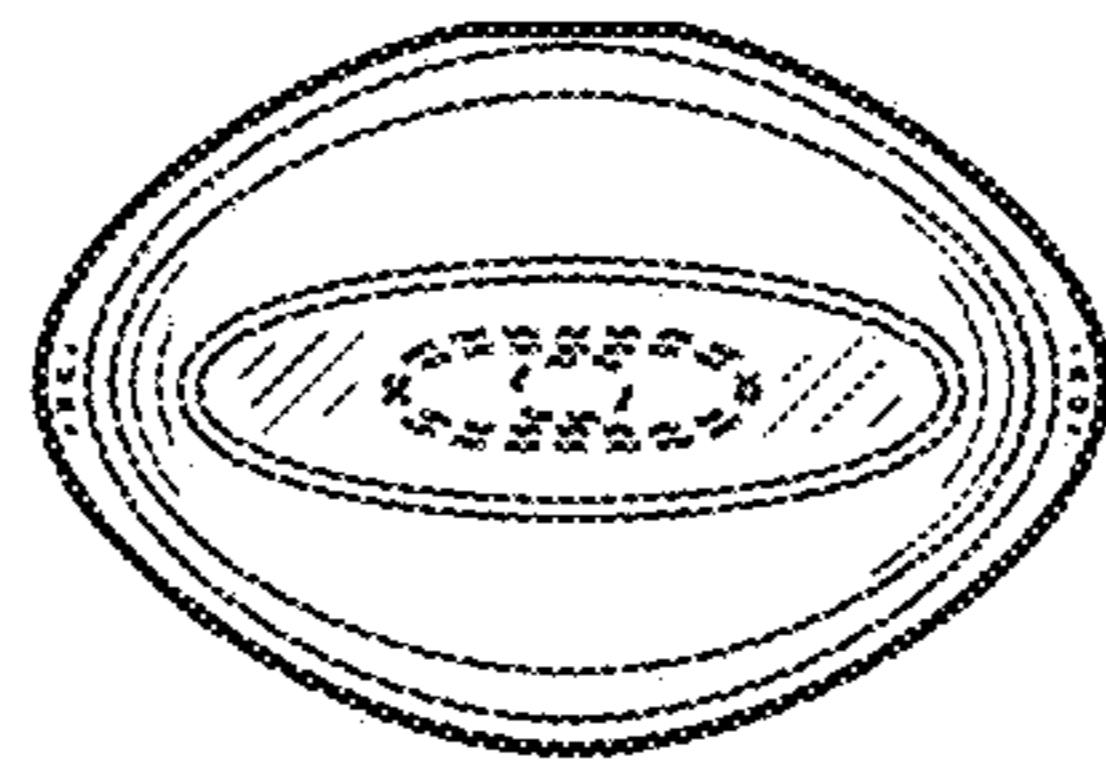


FIG. 6

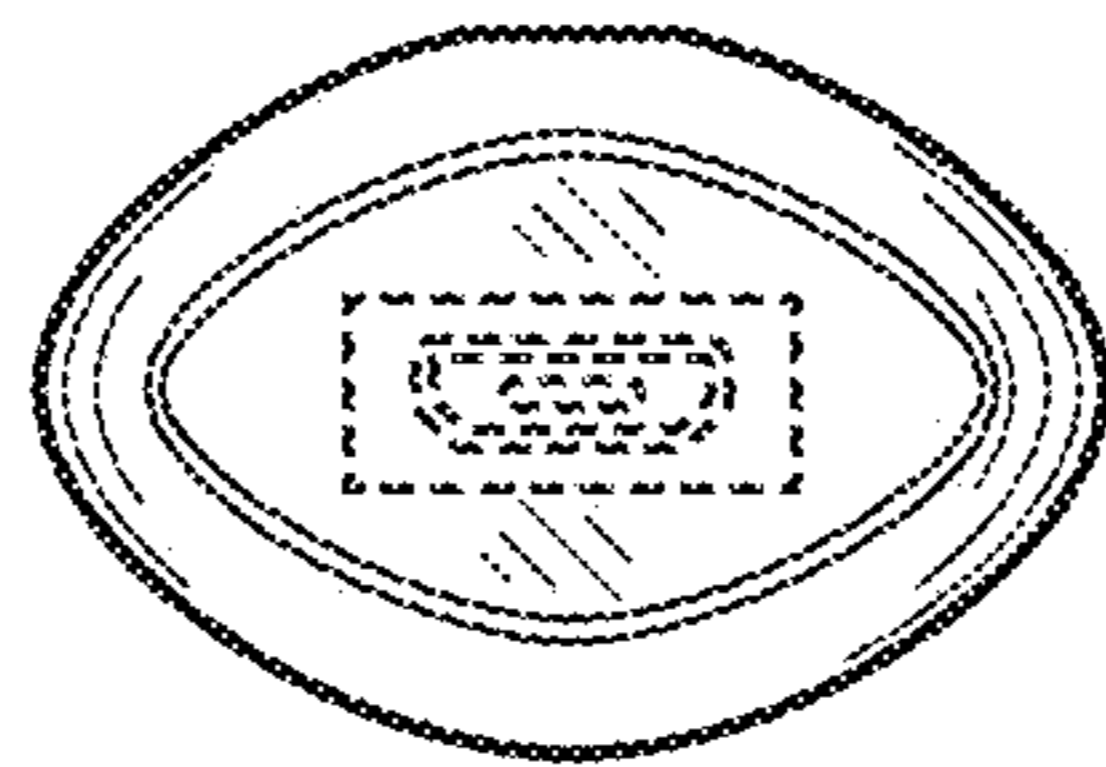


FIG. 7