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(12) **United States Design Patent** (10) **Patent No.:** **US D980,507 S**
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(54) **ELECTRONIC VAPING DEVICE**

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Aug. 30, 2016, now abandoned, which is a
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(52) **U.S. Cl.**
USPC **D27/162**

(58) **Field of Classification Search**
USPC D27/162, 100, 101, 163–165, 172, 183,
D27/185–194; D24/110, 100.5; D9/445,
D9/563, 516, 549

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D112,702 S 12/1938 Kirsten
D127,009 S 5/1941 Gebhart et al.

(Continued)

FOREIGN PATENT DOCUMENTS

CN 1575673 A 2/2005
CN 302311408 1/2013

(Continued)

OTHER PUBLICATIONS

Vaping Device By: JUUL found on line (Jan. 25, 2022) <https://www.nextgenerationvillage.com/drugs/vaping/faq/are-vaping-and-juuling-the-same/> (2018).*

(Continued)

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(57) **CLAIM**

The ornamental design for an electronic vaping device, as
shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an electronic vaping
device;

FIG. 2 is a rear perspective view of the electronic vaping
device of FIG. 1;

FIG. 3 is a front elevation view of the electronic vaping
device of FIG. 1;

FIG. 4 is a rear elevation view of the electronic vaping
device of FIG. 1;

FIG. 5 is a left side elevation view of the electronic vaping
device of FIG. 1;

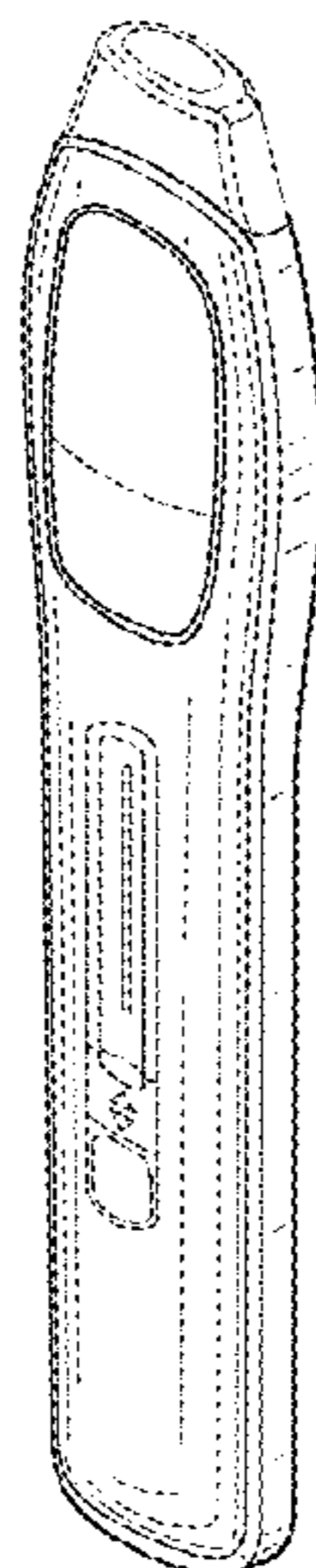
FIG. 6 is a right side elevation view of the electronic vaping
device of FIG. 1;

FIG. 7 is a top plan view of the electronic vaping device of
FIG. 1; and,

FIG. 8 is a bottom plan view of the electronic vaping device
of FIG. 1.

The broken lines in the drawings depict portions of the
electronic vaping device that form no part of the claimed
design.

1 Claim, 5 Drawing Sheets



Related U.S. Application Data

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- (58) **Field of Classification Search**
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See application file for complete search history.

- (56) **References Cited**

U.S. PATENT DOCUMENTS

D176,226 S 11/1955 Morris
D217,841 S 6/1970 Bulger et al.
3,986,516 A 10/1976 Brooks
3,998,232 A 12/1976 Smith
4,686,353 A 8/1987 Spector
D292,324 S 10/1987 Decker et al.
D301,618 S 6/1989 Barros
D317,407 S 6/1991 Gray et al.
D367,608 S 3/1996 Stranders
D368,552 S 4/1996 Adams
D373,536 S 9/1996 Kokenge et al.
5,666,977 A 9/1997 Higgins et al.
D401,507 S 11/1998 Gonda et al.
D422,113 S 3/2000 Higgins et al.
D424,236 S 5/2000 Reed
D424,739 S 5/2000 Ross
D433,532 S 11/2000 Higgins et al.
D433,744 S 11/2000 Basaganas
D438,459 S 3/2001 Holthaus
D446,499 S 8/2001 Andre et al.
D484,806 S 1/2004 Cummings
D522,272 S 6/2006 Vanhee
D527,640 S 9/2006 Cummings et al.
D532,927 S 11/2006 Sann
D532,972 S 12/2006 Dixon
D544,956 S 6/2007 Collins et al.
D546,940 S 7/2007 Collins et al.
D547,440 S 7/2007 Louet-Feisser
D547,859 S 7/2007 Choi
D552,230 S 10/2007 Collins et al.
D552,232 S 10/2007 Collins et al.
D552,730 S 10/2007 Collins et al.
D562,761 S 2/2008 Ueda et al.
D569,794 S 5/2008 Zhang et al.
D577,150 S 9/2008 Bryman et al.
D579,544 S 10/2008 Birath et al.
D579,545 S 10/2008 Birath et al.
D579,547 S 10/2008 Birath et al.
D579,549 S 10/2008 Birath et al.
D588,741 S 3/2009 Murdaugh, III et al.
7,699,052 B2 4/2010 Schiewe et al.
7,753,055 B2 7/2010 Bryman
D623,129 S 9/2010 Kawakami et al.
D629,154 S 12/2010 Sung
D643,807 S 8/2011 Jiang
D649,708 S 11/2011 Oneil
D650,520 S 12/2011 Timmermans
D650,737 S 12/2011 Hamilton
D654,160 S 2/2012 Yomtov
8,205,622 B2 6/2012 Pan
D663,686 S 7/2012 Yang
D664,920 S 8/2012 Huang
D665,346 S 8/2012 Kumagai et al.
D665,734 S 8/2012 Fitch et al.
D672,714 S 12/2012 Brandys et al.
D682,197 S 5/2013 Leung
D683,626 S 6/2013 Beck et al.
D686,153 S 7/2013 Qu
D689,818 S 9/2013 Sasada
8,528,569 B1 9/2013 Newton
8,550,069 B2 10/2013 Alelov
D693,053 S 11/2013 Chen
D694,468 S 11/2013 Chen
8,689,804 B2 4/2014 Fernando et al.
8,707,965 B2 4/2014 Newton

D705,719 S 5/2014 Wong
8,820,330 B2 9/2014 Bellinger et al.
D718,492 S 11/2014 Albanese
D720,094 S 12/2014 Alima
D720,497 S 12/2014 Alima
D720,884 S 1/2015 Liu
D723,215 S 2/2015 Chen
D723,216 S 2/2015 Chen
8,955,522 B1 2/2015 Bowen et al.
D725,310 S 3/2015 Eksouzian
D725,588 S 3/2015 Iaconis et al.
8,977,115 B2 3/2015 Penman, Jr.
D727,566 S 4/2015 Xiao
D728,855 S 5/2015 Liu
D729,444 S 5/2015 Leidel
D729,445 S 5/2015 Leidel
D730,282 S 5/2015 Miller et al.
D730,572 S 5/2015 Leidel
D731,114 S 6/2015 Leidel
D733,050 S 6/2015 Chiang
D733,744 S 7/2015 Capela et al.
9,072,321 B2 7/2015 Liu
D736,090 S 8/2015 Kikuchi
9,095,175 B2 8/2015 Terry et al.
D738,038 S 9/2015 Smith
D743,099 S 11/2015 Oglesby
D748,325 S 1/2016 Leidel
D750,321 S 2/2016 Chen
9,247,773 B2 2/2016 Memari et al.
D751,984 S 3/2016 Lin
D752,284 S 3/2016 Doster
D752,286 S 3/2016 Doster
D753,336 S 4/2016 Chen
9,301,545 B2 4/2016 Li et al.
D758,004 S 5/2016 Freshwater et al.
D758,651 S 6/2016 Wu
D758,655 S 6/2016 Freshwater et al.
D758,656 S 6/2016 Freshwater et al.
D759,303 S 6/2016 Afridi
D760,429 S 6/2016 Emarlou
D760,645 S 7/2016 Chen
D760,948 S 7/2016 Eksouzian
D761,999 S 7/2016 Liu
D762,003 S 7/2016 Lomeli
D764,703 S 8/2016 Liu
D767,821 S 9/2016 Clark et al.
D768,068 S 10/2016 Chen
D769,520 S 10/2016 Hua
D770,678 S 11/2016 Shin
D771,308 S 11/2016 Saydar et al.
D771,867 S 11/2016 Leidel et al.
D772,477 S 11/2016 Shin
D772,480 S 11/2016 Hua
D773,114 S 11/2016 Leidel et al.
D773,115 S 11/2016 Liu
D773,116 S 11/2016 Liu et al.
9,498,000 B2 11/2016 Kuczaj
D774,247 S 12/2016 Chen
D775,414 S 12/2016 Ampolini et al.
D775,762 S 1/2017 Chen
D776,337 S 1/2017 Levin et al.
D776,338 S 1/2017 Lomeli
D776,869 S 1/2017 Heidi
D778,492 S 2/2017 Liu
D778,493 S 2/2017 Scott
D779,719 S 2/2017 Qiu
D780,373 S 2/2017 Bennett et al.
D784,610 S 4/2017 Bosch
D786,497 S 5/2017 Sudlow et al.
D788,362 S 5/2017 Qiu
D788,363 S 5/2017 Chen
D788,364 S 5/2017 Chen
D788,697 S 6/2017 Verleur et al.
D789,598 S 6/2017 Chen
D790,122 S 6/2017 Hawes et al.
D790,123 S 6/2017 Beer et al.
D790,124 S 6/2017 Beer et al.
D790,125 S 6/2017 Beer et al.
D790,766 S 6/2017 Li

(56)

References Cited

U.S. PATENT DOCUMENTS

D792,020 S	7/2017	Mendoza	10,609,958 B2	4/2020	Robinson et al.
D792,021 S	7/2017	Beer et al.	10,671,031 B2 *	6/2020	Hawes G05B 15/02
D792,643 S	7/2017	Wong et al.	10,701,981 B2 *	7/2020	Newcomb H05B 3/03
D792,644 S	7/2017	Jordan et al.	D919,172 S *	5/2021	Zu D27/162
D796,112 S	8/2017	Lafferty et al.	11,013,273 B2 *	5/2021	Newcomb A24F 40/40
D799,110 S	10/2017	Qiu	D929,651 S *	8/2021	Powell D27/162
D799,111 S	10/2017	Qiu	D936,279 S *	11/2021	Israel D27/162
D799,112 S	10/2017	Qiu	2005/0016550 A1	1/2005	Katase
D799,113 S	10/2017	Qiu	2005/0268911 A1	12/2005	Cross et al.
D799,743 S	10/2017	Qiu	2008/0023003 A1	1/2008	Rosenthal
D799,744 S	10/2017	Qiu	2008/0092912 A1	4/2008	Robinson et al.
D799,746 S	10/2017	Leidel et al.	2009/0266358 A1	10/2009	Sacristan Rock et al.
D799,748 S	10/2017	Freese	2009/0293888 A1	12/2009	Williams et al.
D799,749 S	10/2017	Freese	2009/0293892 A1	12/2009	Williams et al.
D800,377 S	10/2017	Liu	2011/0011396 A1	1/2011	Fang
D801,507 S	10/2017	Kelnhofner	2011/0036346 A1	2/2011	Cohen et al.
D802,834 S	11/2017	Mathias et al.	2011/0265806 A1	11/2011	Alarcon et al.
D802,839 S	11/2017	Scott	2011/0277760 A1	11/2011	Terry et al.
9,814,271 B2	11/2017	Goggin et al.	2012/0174914 A1	7/2012	Pirshafiey et al.
D804,717 S	12/2017	Wang et al.	2012/0318882 A1	12/2012	Abehasera
D805,685 S	12/2017	Lee	2013/0042865 A1	2/2013	Monsees et al.
9,833,021 B2	12/2017	Perez et al.	2013/0081642 A1	4/2013	Safari
D806,943 S	1/2018	Liu et al.	2013/0087160 A1	4/2013	Gherghe
D807,286 S	1/2018	Qiu	2013/0167853 A1	7/2013	Liu
D807,574 S	1/2018	Hawes et al.	2013/0182360 A1	7/2013	Stevens et al.
D807,576 S	1/2018	Liu et al.	2013/0192615 A1	8/2013	Tucker et al.
D807,577 S	1/2018	Ward et al.	2013/0213418 A1	8/2013	Tucker et al.
D807,818 S	1/2018	Mathias et al.	2013/0220315 A1	8/2013	Conley et al.
D808,071 S	1/2018	Folkerts et al.	2013/0284192 A1	10/2013	Peleg et al.
D808,073 S	1/2018	Leidel	2013/0298905 A1	11/2013	Levin et al.
D808,791 S	1/2018	Johnston et al.	2013/0327327 A1	12/2013	Edwards et al.
D808,792 S	1/2018	Jaggi et al.	2013/0340775 A1	12/2013	Juster et al.
D809,191 S	1/2018	Li	2013/0341218 A1	12/2013	Liu
D809,192 S	1/2018	Liu et al.	2014/0007891 A1	1/2014	Liu
9,861,135 B2	1/2018	Chen	2014/0096781 A1	4/2014	Sears et al.
D814,693 S	4/2018	Qiu	2014/0096782 A1	4/2014	Ampolini et al.
D815,347 S	4/2018	Jones et al.	2014/0107815 A1	4/2014	LaMothe
D816,895 S	5/2018	Ren	2014/0123989 A1	5/2014	LaMothe
D818,636 S	5/2018	Qiu	2014/0144453 A1	5/2014	Rimmermans
9,961,940 B2	5/2018	Anderson, Jr. et al.	2014/0150785 A1	6/2014	Capuano et al.
9,968,136 B1	5/2018	Bell	2014/0157583 A1	6/2014	Malik et al.
D819,880 S	6/2018	Qiu	2014/0174459 A1	6/2014	Ward et al.
D819,882 S	6/2018	Qiu	2014/0190830 A1	6/2014	Burstyn
D821,639 S	6/2018	Dai et al.	2014/0190830 A1	7/2014	Sturmer et al.
D821,640 S	6/2018	Qiu	2014/0202474 A1	7/2014	Peleg et al.
9,999,258 B2 *	6/2018	Newcomb A24F 40/40	2014/0224267 A1	8/2014	Levitz et al.
D822,271 S *	7/2018	Eksouzian D27/101	2014/0246035 A1	9/2014	Minskoff et al.
D822,272 S	7/2018	Miller et al.	2014/0251326 A1	9/2014	Terry et al.
D823,536 S	7/2018	Lai	2014/0253144 A1	9/2014	Novak, III et al.
10,028,532 B2	7/2018	Zhu	2014/0261408 A1	9/2014	DePiano et al.
10,028,537 B1 *	7/2018	Hawes H05B 3/12	2014/0261495 A1	9/2014	Novak, III et al.
10,058,124 B2	8/2018	Monsees et al.	2014/0270727 A1	9/2014	Ampolini et al.
D828,622 S	9/2018	Chen et al.	2014/0270730 A1	9/2014	DePiano et al.
D831,270 S	10/2018	Qiu	2014/0299137 A1	10/2014	Kieckbusch et al.
D832,501 S	10/2018	Qiu et al.	2014/0299141 A1	10/2014	Flick
10,085,481 B2	10/2018	Verleur et al.	2014/0338685 A1	11/2014	Amir
10,104,913 B2 *	10/2018	Lau A24F 40/46	2014/0345635 A1	11/2014	Rabinowitz et al.
D833,063 S	11/2018	Qiu	2014/0360517 A1	12/2014	Taggart et al.
D834,746 S	11/2018	Liu et al.	2014/0378790 A1	12/2014	Cohen
10,117,460 B2	11/2018	Sears et al.	2015/0013700 A1	1/2015	Liu
10,117,467 B2 *	11/2018	Hawes G06F 21/44	2015/0027455 A1	1/2015	Peleg et al.
D842,237 S	3/2019	Qiu et al.	2015/0040929 A1	2/2015	Hon
D844,232 S	3/2019	Qiu	2015/0053217 A1	2/2015	Steingraber et al.
D846,796 S	4/2019	Pan	2015/0075546 A1	3/2015	Kueny, Sr. et al.
D846,798 S	4/2019	Chen	2015/0082859 A1	3/2015	Xiang
10,299,517 B2 *	5/2019	Hawes H05B 1/0297	2015/0108019 A1	4/2015	Liu
D850,714 S	6/2019	Guo	2015/0114410 A1	4/2015	Doster
D852,409 S	6/2019	Takehara	2015/0128967 A1	5/2015	Robinson et al.
10,327,474 B2	6/2019	Hawes et al.	2015/0128971 A1	5/2015	Verleur et al.
D854,236 S	7/2019	Qiu	2015/0128976 A1	5/2015	Verleur et al.
D854,741 S	7/2019	Smith	2015/0136124 A1	5/2015	Aronie et al.
10,375,990 B2	8/2019	Lord	2015/0136158 A1	5/2015	Stevens et al.
10,485,269 B2 *	11/2019	Hawes A24F 40/40	2015/0142387 A1	5/2015	Alarcon et al.
10,492,541 B2 *	12/2019	Lau H05B 3/12	2015/0164430 A1	6/2015	Hu et al.
D874,059 S *	1/2020	Bailey D27/162	2015/0181934 A1	7/2015	Lyubomirskiy et al.
			2015/0189919 A1	7/2015	Liu
			2015/0208729 A1	7/2015	Monsees et al.
			2015/0237917 A1	8/2015	Lord
			2015/0237918 A1	8/2015	Liu

(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0257445 A1 9/2015 Henry, Jr. et al.
 2015/0282527 A1 10/2015 Henry, Jr.
 2015/0313287 A1 11/2015 Verleur et al.
 2015/0320116 A1 11/2015 Bleloch et al.
 2015/0328415 A1 11/2015 Minskoff et al.
 2015/0342256 A1 12/2015 Chen
 2015/0351456 A1 12/2015 Johnson et al.
 2015/0367366 A1 12/2015 Edwards et al.
 2015/0374039 A1 12/2015 Zhu
 2016/0000149 A1 1/2016 Scatterday
 2016/0029698 A1 2/2016 Xiang
 2016/0120218 A1 5/2016 Schennum et al.
 2016/0158782 A1 6/2016 Henry, Jr. et al.
 2016/0309787 A1* 10/2016 Hawes A61M 15/06
 2016/0309788 A1 10/2016 Hawes et al.
 2016/0345626 A1 12/2016 Wong et al.
 2016/0353805 A1 12/2016 Hawes et al.
 2016/0360789 A1 12/2016 Hawes et al.
 2017/0006918 A1 1/2017 Chen et al.
 2017/0042246 A1 2/2017 Lau et al.
 2017/0108840 A1 4/2017 Hawes et al.
 2017/0119044 A1 5/2017 Oligschlaeger et al.
 2017/0181470 A1 6/2017 Li
 2017/0208863 A1 7/2017 Davis et al.
 2017/0208864 A1 7/2017 Anderson, Jr. et al.
 2017/0215478 A1 8/2017 Harrison et al.
 2017/0215479 A1 8/2017 Kies
 2017/0245550 A1 8/2017 Freeland
 2017/0290371 A1 10/2017 Davis et al.
 2017/0360092 A1 12/2017 Althorpe et al.
 2017/0360098 A1 12/2017 Newcomb et al.
 2017/0367406 A1 12/2017 Schuler et al.
 2017/0367407 A1 12/2017 Althorpe et al.
 2017/0369219 A1 12/2017 Bailey et al.
 2018/0007954 A1 1/2018 Mishra et al.
 2018/0007967 A1 1/2018 Davis et al.
 2018/0013175 A1 1/2018 Liu
 2018/0020738 A1 1/2018 Qiu
 2018/0035715 A1 2/2018 Wu
 2018/0070638 A1 3/2018 Qiu
 2018/0084828 A1 3/2018 Phillips et al.
 2018/0084836 A1 3/2018 Perez et al.
 2018/0098571 A1 4/2018 Watson
 2018/0110943 A1 4/2018 Raichman
 2018/0116281 A1 5/2018 Anderson, Jr.
 2018/0132526 A1 5/2018 Davis et al.
 2018/0153219 A1 6/2018 Verleur et al.
 2018/0160739 A1 6/2018 Chen
 2018/0166238 A1 6/2018 Chen
 2018/0279682 A1 10/2018 Guo et al.
 2019/0008208 A1 1/2019 Cirillo et al.
 2021/0153548 A1* 5/2021 Twite A24F 40/44
 2021/0153564 A1* 5/2021 Hourmand A61M 11/042
 2021/0153567 A1* 5/2021 Twite A24F 40/40
 2021/0219621 A1* 7/2021 Parrott G01F 1/696
 2021/0219622 A1* 7/2021 Parrott A24F 40/46

FOREIGN PATENT DOCUMENTS

CN 202738815 2/2013
 CN 202890462 U 4/2013
 CN 202919035 U 5/2013
 CN 202919036 U 5/2013
 CN 203087525 U 7/2013
 CN 203341011 U 12/2013
 CN 203446537 U 2/2014
 CN 203457810 U 3/2014
 CN 203646502 U 6/2014
 CN 104026746 A 9/2014
 CN 203841122 9/2014
 CN 203841124 U 9/2014
 CN 204234255 9/2014
 CN 203851805 U 10/2014
 CN 203986094 U 12/2014
 CN 203986106 12/2014

CN 204104844 1/2015
 CN 204146307 U 2/2015
 CN 104432537 A 3/2015
 CN 203828071 4/2015
 CN 204259818 U 4/2015
 CN 106820274 A 6/2017
 CN 303417607 S 6/2017
 CN 206413749 U 8/2017
 EM 002337410-0013 11/2013
 EP 0640297 A1 3/1995
 EP 3285844 B1 7/2019
 GB 2502164 A 11/2013
 JP 2011505874 A 3/2011
 JP 1421818 8/2011
 JP 2016508743 A 3/2016
 JP 1584539 S 8/2017
 KR 2011-0006928 U 7/2011
 KR 20130031550 A 3/2013
 KR 101465034 11/2014
 KR 101516309 3/2015
 RU 00104198 7/2017
 WO WO-2009/079641 A2 6/2009
 WO WO-2013040193 A2 3/2013
 WO WO-2014/060267 A2 4/2014
 WO WO-2014/060269 A1 4/2014
 WO WO-2014/066730 A1 5/2014
 WO WO-2014/095737 A1 6/2014
 WO WO-2014/110119 A1 7/2014
 WO WO-2014/125483 A1 8/2014
 WO WO-2014/139609 A2 9/2014
 WO WO-2014-144678 A2 9/2014
 WO WO-2014207719 A1 12/2014
 WO WO-2015031836 3/2015
 WO WO-2015052513 A2 4/2015
 WO WO-2015/077645 A1 5/2015
 WO WO-2015/100361 A1 7/2015
 WO WO-2015/131991 A1 9/2015
 WO WO-2015/189556 A1 12/2015
 WO WO-2015/197165 A1 12/2015
 WO WO-2016/009202 A1 1/2016
 WO WO-2016/100368 A1 6/2016
 WO WO-2016/172023 A1 10/2016

OTHER PUBLICATIONS

Notice of Allowance for U.S. Appl. No. 16/746,001 dated Feb. 22, 2021.
 United States Notice of Allowance for U.S. Appl. No. 29/677,918, dated Jul. 6, 2020.
 European Office Action for corresponding European Application No. 18732954.5 dated Sep. 14, 2021.
 U.S. Office Action dated Oct. 22, 2021 for corresponding U.S. Appl. No. 16/441,086.
 Ukrainian Office Action for corresponding Application No. a201710002, dated Mar. 11, 2020, English translation thereof.
 Eurasian Office Action for corresponding Application No. 201792100 dated Jun. 27, 2019.
 United States Notice Of Allowance for U.S. Appl. No. 29/670,492, dated Sep. 30, 2019.
 Eurasian Office Action dated Dec. 13, 2021 for corresponding Eurasian Application No. 201991581.
 U.S. Notice of Allowance for corresponding U.S. Appl. No. 16/661,235 dated May 4, 2021.
 Israeli Office Action dated Jun. 29, 2020 issued in Israeli Patent Application No. 255080. English translation has been provided.
 United States Office Action for U.S. Appl. No. 16/395,614, dated Sep. 17, 2019.
 U.S. Notice of Allowance dated Apr. 14, 2021 for corresponding U.S. Appl. No. 17/176,520.
 Third Party Observation dated Jun. 9, 2021 for corresponding European Application No. 18732954.5.
 Office Action for Malaysian Application No. PI 2017001565 dated Jun. 23, 2020.
 This Might Just Be The First Great E-Cig, Wired, Apr. 21, 2015.
 PAX Labs, Inc. Introduces Revolutionary Technologies with Powerful ECigarette JUUL, Business Wire, Apr. 21, 2015.

(56)

References Cited

OTHER PUBLICATIONS

Startup behind the Lambo of vaporizers just launched an intelligent e-cigarette, *The Verge*, Apr. 21, 2015.

Vaporization Startup Pax Labs Introduces Juul, Its Next Gen E-Cigarette, *Tech Crunch*, Apr. 21, 2015.

JWell Inova 1.0 Pod System (“Inova 1.0”), <https://www.youtube.com/watch?v=hTfwGal9LJM> and <https://www.vape.museum/vape/iwellinova-1-0-pod-system>.

JWell Inova 2.0 Pod System (“Inova 2.0”), https://www.youtube.com/watch?v=0RdshN5RAC8&fbclid=IwAR11_xU3VAVVZaKXoeDFqrCUXXOkpZCJil1oj3gRUhKII9vmp-gRFm0w9bA.

InnokiniTaste/iWand System (“Innokin”), <https://www.youtube.com/watch?v=5b8vU72buD8> (Video 1); <https://www.youtube.com/watch?v=ejjWtKu6HVM> (Video 2); <https://www.youtube.com/watch?v=zOaLmN2orbs> (Video 3); <https://www.youtube.com/watch?v=mz414d8MU20> (Video 4); Innokin User Manual.

iPh-8 E-Cigarette System (“iPh-8”), <https://www.youtube.com/watch?v=Y4Hg527EdF4>; <https://www.vape.museum/vape/iph-8-ecig>.

CPHS1 System/Kanger S1 System (“CPH-S1”), <https://www.youtube.com/watch?v=o6YeAZiNhs8>.

Ijoy SS Itop System (“Ijoy”), <https://web.archive.org/web/20130805124853/http://ijoycig.com/IJOY--ITOP400-p149.html>; and https://www.youtube.com/watch?v=Ch_xgzIFXwU&has_verified=1.

Examination Report for Israeli Application No. 2547628 dated Jan. 18, 2021 and English translation.

United States Notice of Allowance for corresponding U.S. Appl. No. 16/111,468, dated Apr. 18, 2019.

United States Office Action for corresponding U.S. Appl. No. 16/166,899, dated Apr. 18, 2019.

U.S. Notice of Allowance for corresponding U.S. Appl. No. 29/677,918 dated Apr. 15, 2020.

Modified Substantive Examination Adverse Report for Malaysian Patent Application No. PI 2017001568 dated Sep. 9, 2020.

U.S. Notice of Allowance for corresponding U.S. Appl. No. 29/677,918 dated Sep. 28, 2020.

Web address <http://www.my7s.com/faq>, 7’s electronic cigarettes, Electronic Vapor.

International Search Report dated Jun. 23, 2016, issued in corresponding International Application No. PCT/US2016/028048.

Written Opinion of the International Searching Authority dated Jun. 23, 2016, issued in corresponding International Application No. PCT/US2016/028048.

U.S. Office Action dated Jun. 5, 2017 for co-pending U.S. Appl. No. 14/998,020.

Viva—retrieved on Sep. 18, 2017 at https://cdn.shopify.com/s/files/1/1203/8500/products/viva-vaporizer-01_large.jpg?v=1480032844.

ALD—retrieved Sep. 18, 2017 at <https://ae01.alicdn.com/kf/HTB1gMOMPFXXXbdXpXXq6xXFXXXR/ALD-AMAZE-dry-herb-vaporizer-font-b-kit-b-font-smoke-herbal-electronic-cigarette-vaporizer-portable.jpg>.

International Search Report and Written Opinion for Application No. PCT/US2016/028048 dated Nov. 2, 2017.

Office Action for corresponding U.S. Appl. No. 14/998,020 dated Dec. 21, 2017.

Office Action for corresponding U.S. Appl. No. 15/334,989 dated Feb. 23, 2018.

Notice of Allowance for corresponding U.S. Appl. No. 15/601,365 dated Mar. 2, 2018.

VaporDNA by VaporDNA dated 2013-2018, found online <https://www.vapordna.com/SMPO-Ultra-Portable-Kit-p/smpoup.htm?Click=40939>.

Vype Bye Electronic Tobacconist dated 2018, found online <https://www.electrictobacconist.co.uk/vype-pebble-p7009>.

Notice of Allowance for corresponding U.S. Appl. No. 29/575,887 dated May 3, 2018.

Notice of Allowance for corresponding U.S. Appl. No. 29/575,883 dated May 3, 2018.

Notice of Allowance for corresponding U.S. Appl. No. 15/911,533 dated May 8, 2018.

Non-Final Office Action for corresponding U.S. Appl. No. 15/984,627 dated Jul. 12, 2018.

Notice of Allowance for corresponding U.S. Appl. No. 29/623,426 dated Jul. 19, 2018.

Notice of Allowance for corresponding U.S. Appl. No. 29/623,423 dated Jul. 24, 2018.

Office Action for corresponding U.S. Appl. No. 16/010,934 dated Aug. 7, 2018.

Notice of Allowance dated Aug. 29, 2018 issued in corresponding U.S. Appl. No. 29/575,881.

Office Action dated Sep. 11, 2018 issued in corresponding U.S. Appl. No. 29/575,895.

U.S. Office Action dated Sep. 11, 2018 issued in co-pending U.S. Appl. No. 29/575,895.

U.S. Office Action dated Oct. 4, 2018 for co-pending U.S. Appl. No. 16/111,468.

European Office Action dated Oct. 10, 2018 in corresponding Application No. 18178672.4.

Eurasian Office Action for corresponding Application No. a201911670, dated Apr. 13, 2020.

Office Action for Chinese Application No. 201680023188.9 dated Aug. 3, 2020 and English translation.

Eurasian Office Action for corresponding Application No. 201792100, dated Mar. 6, 2020, English translation thereof.

European Office Action dated Feb. 24, 2020 for corresponding European Application No. 18178672.4.

United States Notice of Allowance for U.S. Appl. No. 16/425,168, dated Mar. 11, 2020.

U.S. Notice of Allowance dated Feb. 4, 2021 for corresponding U.S. Appl. No. 16/887,147.

Extended European Search Report for Application No. 17885846.0-1004, dated Jul. 27, 2020.

Office Action for corresponding U.S. Appl. No. 16/746,001 dated Aug. 6, 2020.

Office Action for U.S. Appl. No. 16/661,235 dated Aug. 6, 2020.

Chinese Office Action and English translation thereof dated Jun. 2, 2021 for corresponding Chinese Application No. 201880033617.

United States Notice of Allowance for corresponding U.S. Appl. No. 16/166,899, dated Jul. 10, 2019.

United States Notice of Allowance for corresponding U.S. Appl. No. 16/111,468, dated Jul. 10, 2019.

United States Notice Of Allowance for corresponding U.S. Appl. No. 29/575,881, dated Jul. 17, 2019.

United States Notice of Allowance for U.S. Appl. No. 16/395,614, dated Nov. 5, 2019.

Chinese Office Action for corresponding Application No. 201680035173.4, dated Sep. 27, 2019, English translation thereof.

Chinese Office Action for corresponding Application No. 201680023188.9, dated Oct. 11, 2019, English translation thereof.

United States Office Action for corresponding U.S. Appl. No. 29/670,492 dated May 23, 2019.

Office Action for corresponding U.S. Appl. No. 16/441,086 dated May 7, 2021.

Eurasian Office Action for corresponding Application No. 201792097 dated May 7, 2019, English translation thereof.

Notice of Allowance for corresponding U.S. Appl. No. 29/677,918 dated Aug. 21, 2020.

Smokio, <http://www.premiumlifestyle.co.uk/products/smokio-smart-wireless-e-cigarette>, 2014.

Go Electronic Cigarette, “Igo 4Electronic Cigarette,” <http://www.electronic-cigarette.ie/Charger-iGO4>, Feb. 19, 2015.

International Search Report and Written Opinion dated Jul. 19, 2016.

International Preliminary Report on Patentability dated Oct. 24, 2017.

Parate, “Designing Efficient and Accurate Behavior-Aware Mobile Systems,” Doctoral Dissertations, University of Massachusetts-Amherst, 2014.

International Search Report and Written Opinion dated Mar. 29, 2018.

Office Action for U.S. Appl. No. 15/135,932 dated Mar. 14, 2018.

(56)

References Cited

OTHER PUBLICATIONS

Office Action for U.S. Appl. No. 15/135,932 dated Sep. 18, 2018.
Notice of Allowance for U.S. Appl. No. 15/135,932 dated Feb. 26, 2019.

Office Action for corresponding U.S. Appl. No. 29/575,881 dated Feb. 25, 2019.

U.S. Office Action for corresponding U.S. Appl. No. 29/575,895 dated Mar. 1, 2019.

United States Office Action for U.S. Appl. No. 16/425,168, dated Oct. 3, 2019.

Eurasian Office Action for corresponding Application No. 201991581 dated Apr. 13, 2021 and English translation thereof.

U.S. Notice of Allowance dated Oct. 27, 2020 for corresponding U.S. Appl. No. 29/677,918.

Notice of Allowance for U.S. Appl. No. 16/746,001 dated Jan. 27, 2021.

Notice of Allowance dated Feb. 24, 2022 issued in corresponding U.S. Appl. No. 16/441,086.

Israeli Office Action dated Feb. 9, 2022 for corresponding Israeli Application No. 254728, and English-language translation thereof.

U.S. Office Action dated Sep. 29, 2022 for corresponding U.S. Appl. No. 17/352,781.

Malaysian Modified Examination Adverse Report dated Sep. 30, 2022 for corresponding Malaysian patent application No. PI2019003725.

U.S. Notice of Allowance dated Nov. 30, 2022 for corresponding U.S. Appl. No. 17/352,781.

* cited by examiner

FIG. 1

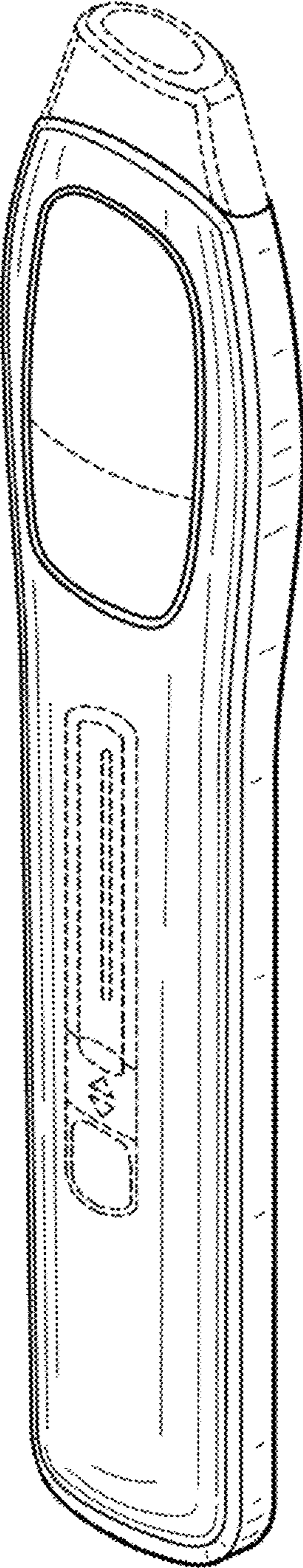


FIG. 2

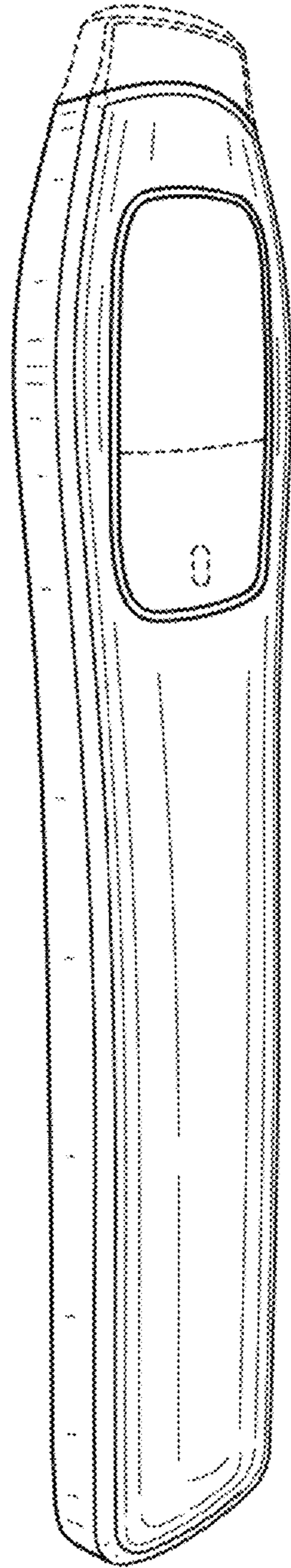


FIG. 3

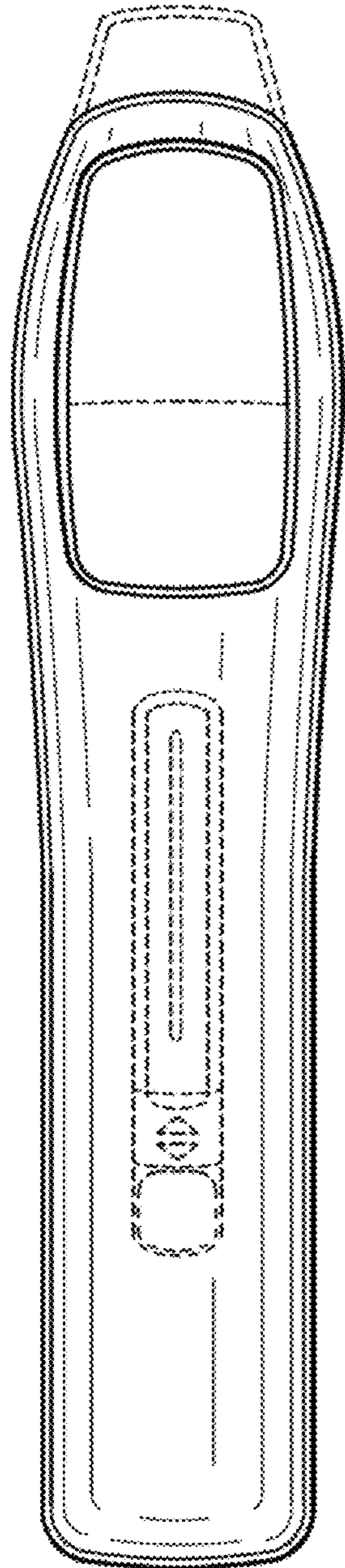


FIG. 4

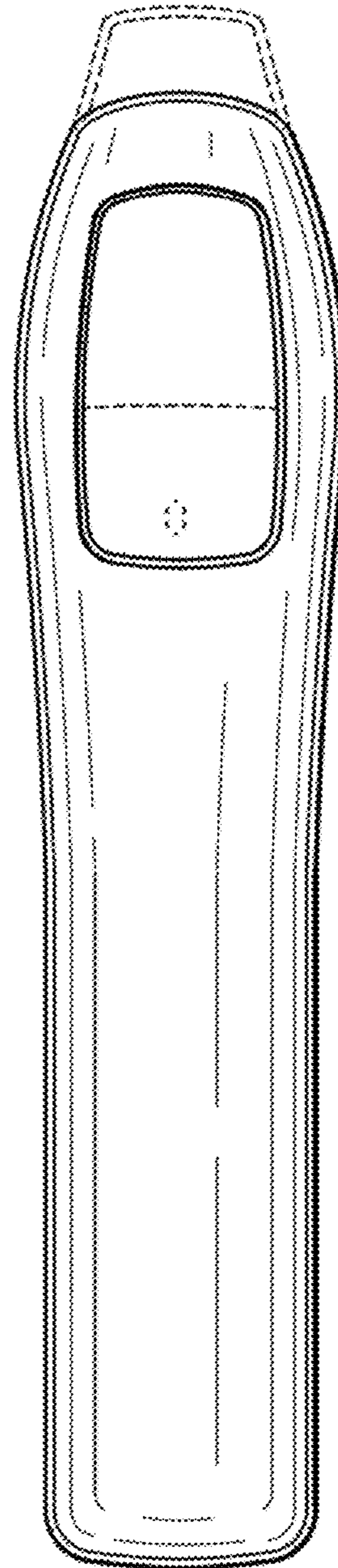


FIG. 5

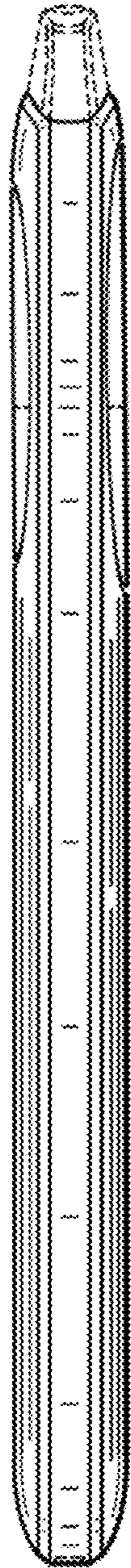


FIG. 6

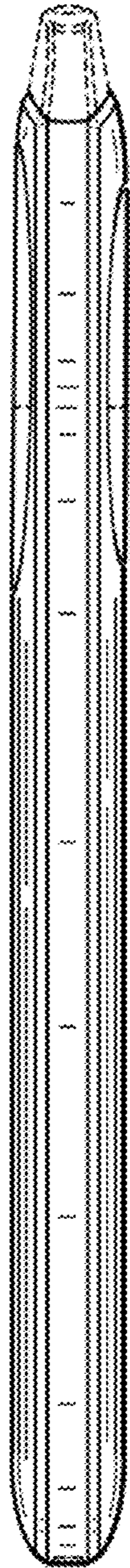


FIG. 7



FIG. 8

