



US0D1007049S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,007,049 S**  
**Stone** (45) **Date of Patent:** **\*\* Dec. 5, 2023**

(54) **ELECTRONIC CIGARETTE**  
(71) Applicant: **Altria Client Services LLC**,  
Richmond, VA (US)  
(72) Inventor: **Mitchell Stone**, Staffordshire (GB)  
(73) Assignee: **Altria Client Services LLC**,  
Richmond, VA (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/842,733**  
(22) Filed: **Jun. 15, 2022**

**Related U.S. Application Data**

(62) Division of application No. 29/756,805, filed on Oct. 30, 2020, now Pat. No. Des. 957,724, which is a  
(Continued)

**Foreign Application Priority Data**

(30) Jul. 31, 2016 (EM) ..... 003325349-0001  
Jul. 31, 2016 (EM) ..... 003325349-0002  
Jul. 31, 2016 (EM) ..... 003325349-0003  
Jul. 31, 2016 (EM) ..... 003325349-0004  
Jul. 31, 2016 (EM) ..... 003325349-0005  
Jul. 31, 2016 (EM) ..... 003325349-0006  
Jul. 31, 2016 (EM) ..... 003325349-0007  
Jul. 31, 2016 (EM) ..... 003325349-0008  
(Continued)

(51) **LOC (14) Cl.** ..... **27-01**  
(52) **U.S. Cl.**  
USPC ..... **D27/101**  
(58) **Field of Classification Search**  
USPC ..... D27/162, 100, 101, 163-170, 172, 183,  
D27/185-192, 194; D23/360, 366;  
D24/110, 110.5

(Continued)

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D142,842 S 11/1945 Daze  
D167,230 S 7/1952 Rehfeld  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303162041 S 4/2015  
CN 303482767 S 12/2015  
(Continued)

**OTHER PUBLICATIONS**

Notice of Allowance dated Jun. 15, 2022, issued in corresponding U.S. Appl. No. 29/756,812.

(Continued)

*Primary Examiner* — Rebecca Tsehaye  
(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

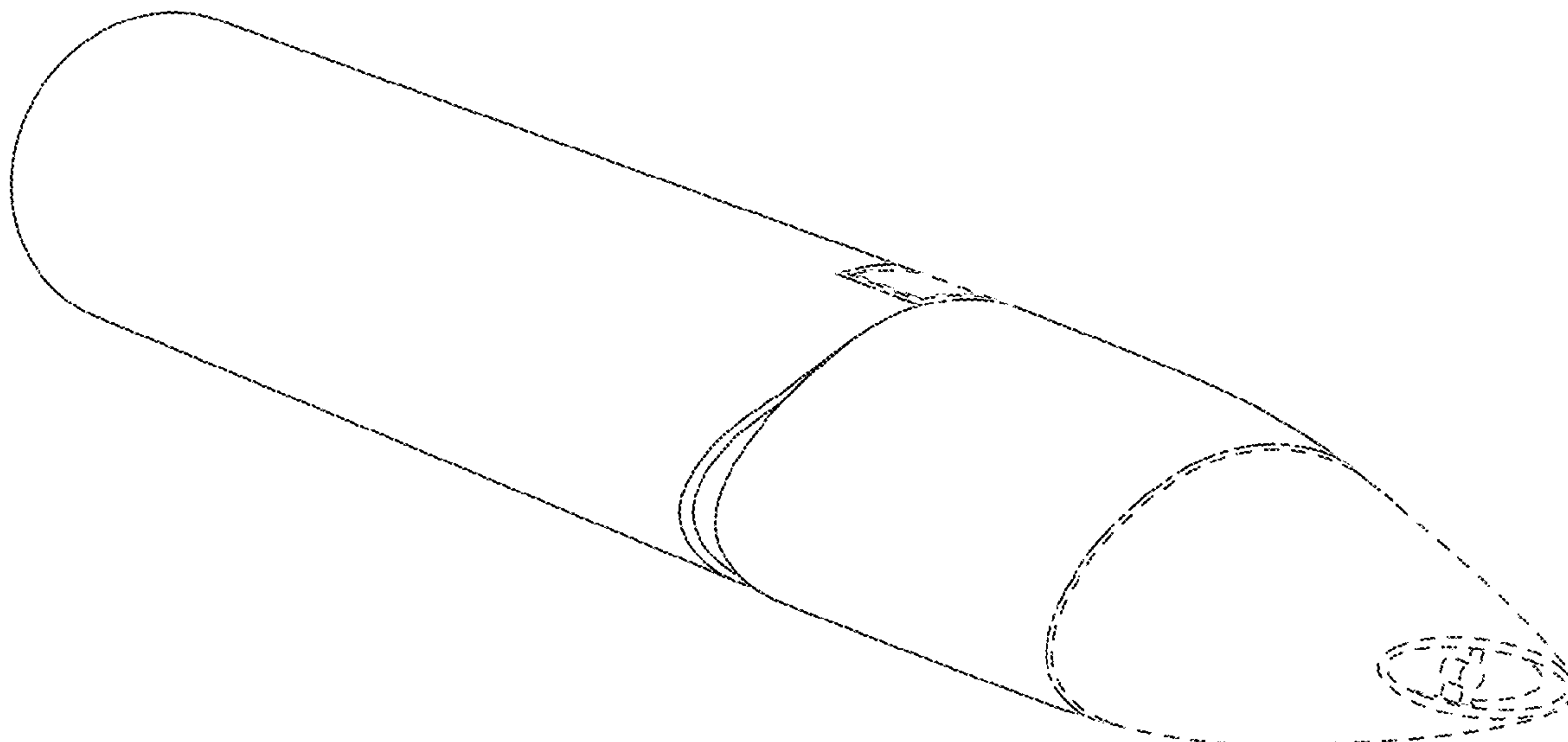
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of an electronic cigarette; FIG. 2 is a front view of the electronic cigarette; FIG. 3 is a rear view of the electronic cigarette; FIG. 4 is a bottom side view of the electronic cigarette; FIG. 5 is a top view of the electronic cigarette; FIG. 6 is a left side view of the electronic cigarette; and, FIG. 7 is a right side view of the electronic cigarette. The evenly spaced broken lines in the drawings depict portions of the electronic cigarette that form no part of the claimed design. The dash-dot-dash lines represent boundaries of the claimed design.

**1 Claim, 7 Drawing Sheets**



**Related U.S. Application Data**

division of application No. 29/710,943, filed on Oct. 28, 2019, now Pat. No. Des. 901,758, which is a division of application No. 29/662,843, filed on Sep. 10, 2018, now Pat. No. Des. 868,360, which is a division of application No. 29/592,199, filed on Jan. 27, 2017, now Pat. No. Des. 830,625.

(30) **Foreign Application Priority Data**

Aug. 12, 2016 (EM) ..... 003339829-0001  
 Aug. 12, 2016 (EM) ..... 003339829-0002  
 Aug. 12, 2016 (EM) ..... 003339829-0003  
 Aug. 12, 2016 (EM) ..... 003339829-0004

(58) **Field of Classification Search**

CPC .... A24F 47/008; A24F 47/006; A24F 47/002;  
 A61M 15/00; A61M 15/06

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D223,879 S 6/1972 Chernack  
 D224,760 S 9/1972 Chernack  
 D272,184 S 1/1984 Karpowicz  
 D281,011 S 10/1985 Helfer  
 D436,225 S 1/2001 Garofano et al.  
 6,357,448 B1 3/2002 Sinclair, Jr.  
 D532,927 S 11/2006 Sann  
 D590,991 S 4/2009 Hon  
 D632,014 S 2/2011 Lee  
 D655,036 S 2/2012 Zhou  
 D666,355 S 8/2012 Alelov  
 D683,897 S 6/2013 Liu  
 D684,311 S 6/2013 Liu  
 D685,522 S 7/2013 Potter et al.  
 D691,766 S 10/2013 Tucker et al.  
 D718,492 S 11/2014 Albanese  
 D720,499 S 12/2014 Alima  
 D720,882 S 1/2015 Albanese  
 D721,202 S 1/2015 Liu  
 D722,196 S 2/2015 Tucker et al.  
 D722,956 S 2/2015 Alima  
 D723,732 S 3/2015 Alima  
 D724,262 S 3/2015 Hearn et al.  
 D725,310 S 3/2015 Eksouzian  
 D728,852 S 5/2015 Hearn et al.  
 D732,733 S 6/2015 Spagnolo et al.  
 D738,566 S 9/2015 Tucker et al.  
 D738,567 S 9/2015 Tucker et al.  
 D739,597 S 9/2015 Lavanchy et al.  
 D739,598 S 9/2015 Lavanchy et al.  
 D739,599 S 9/2015 Liu  
 D742,065 S 10/2015 Leidel  
 D743,097 S 11/2015 Tucker et al.  
 D743,622 S 11/2015 Alima  
 D747,545 S 1/2016 Liu  
 D747,546 S 1/2016 Liu  
 D747,547 S 1/2016 Liu  
 D748,323 S 1/2016 Tucker et al.  
 D748,853 S 2/2016 Seibel et al.  
 D750,834 S 3/2016 Wei  
 D752,278 S 3/2016 Verleur et al.  
 D752,281 S 3/2016 Alima  
 D753,873 S 4/2016 Schuessler  
 D754,919 S 4/2016 Alarcon et al.  
 D755,440 S 5/2016 Collen  
 D756,031 S 5/2016 Wu  
 D756,564 S 5/2016 Yerkic-Husejnovic et al.  
 D757,352 S 5/2016 Bagai  
 D757,353 S 5/2016 Nunnelly et al.  
 D757,996 S 5/2016 Hua  
 D759,296 S 6/2016 Abroff et al.

D759,303 S 6/2016 Afridi  
 D760,430 S 6/2016 Hanna  
 D760,948 S 7/2016 Eksouzian  
 D763,501 S 8/2016 McGarry et al.  
 D763,503 S 8/2016 Bramley et al.  
 D764,098 S 8/2016 Liu  
 D764,702 S 8/2016 Di Bari  
 D766,503 S 9/2016 Liu  
 D767,200 S 9/2016 Liu  
 D767,820 S 9/2016 Jordan et al.  
 D769,518 S 10/2016 Liu  
 D769,519 S 10/2016 Chen  
 D770,087 S 10/2016 Di Bari  
 9,480,286 B2 11/2016 Liu  
 9,497,999 B2 11/2016 Lord  
 D773,727 S 12/2016 Eksouzian  
 D773,729 S 12/2016 Jordan et al.  
 D774,693 S 12/2016 Liu  
 D776,337 S 1/2017 Levin et al.  
 D776,868 S 1/2017 Rado  
 D778,492 S 2/2017 Liu  
 D778,493 S 2/2017 Scott  
 D779,124 S 2/2017 Houyoux  
 D779,719 S 2/2017 Qiu  
 D779,722 S 2/2017 Volodarsky  
 D779,725 S 2/2017 Bramley et al.  
 D780,991 S 3/2017 Liu  
 D780,993 S 3/2017 Bramley et al.  
 D782,108 S 3/2017 Jordan et al.  
 D782,728 S 3/2017 Pinder  
 D786,497 S 5/2017 Sudlow et al.  
 D787,114 S 5/2017 Scott  
 D790,123 S 6/2017 Beer et al.  
 D790,124 S 6/2017 Beer et al.  
 D790,125 S 6/2017 Beer et al.  
 D790,680 S 6/2017 Afridi  
 9,675,107 B2 6/2017 Levitz et al.  
 D792,021 S 7/2017 Beer et al.  
 D792,643 S 7/2017 Wong et al.  
 D795,495 S 8/2017 Li et al.  
 D795,496 S 8/2017 Beer et al.  
 D797,369 S 9/2017 Yamada et al.  
 D797,990 S 9/2017 Hawes et al.  
 D799,108 S 10/2017 Meyer et al.  
 D799,110 S 10/2017 Qiu  
 D799,112 S 10/2017 Qiu  
 D799,113 S 10/2017 Qiu  
 D799,741 S 10/2017 Liu  
 D799,744 S 10/2017 Qiu  
 D799,745 S 10/2017 Qiu  
 D799,748 S 10/2017 Freese  
 D799,749 S 10/2017 Freese  
 D800,381 S 10/2017 Chen  
 D800,383 S 10/2017 Verleur et al.  
 D802,207 S 11/2017 Bramley et al.  
 D802,835 S 11/2017 Bagai  
 D802,839 S 11/2017 Scott  
 D803,475 S 11/2017 Scheiber  
 D804,090 S 11/2017 Verleur et al.  
 D804,091 S 11/2017 Fornarelli  
 D805,248 S 12/2017 Chen et al.  
 D805,684 S 12/2017 Thuery  
 D806,942 S 1/2018 Qiu  
 D806,943 S 1/2018 Liu et al.  
 D807,574 S 1/2018 Hawes et al.  
 D808,580 S 1/2018 Kwitel et al.  
 9,894,931 B2 2/2018 Zhou  
 D812,807 S 3/2018 Thuery  
 D813,155 S 3/2018 Yamada et al.  
 D813,445 S 3/2018 Scott  
 D813,447 S 3/2018 Watson  
 D814,102 S 3/2018 Lehoux  
 D814,103 S 3/2018 Levinson  
 D815,340 S 4/2018 Bramley et al.  
 D815,341 S 4/2018 Qiu  
 D816,266 S 4/2018 Thuery  
 9,936,732 B2 4/2018 Liu  
 D817,540 S 5/2018 Yamada et al.  
 D818,635 S 5/2018 Pinder et al.



(56)

References Cited

U.S. PATENT DOCUMENTS

|               |         |                     |         |                 |         |                  |         |
|---------------|---------|---------------------|---------|-----------------|---------|------------------|---------|
| D818,636 S    | 5/2018  | Qiu                 |         | D868,361 S      | 11/2019 | Stone            |         |
| D818,638 S *  | 5/2018  | Wright              | D27/170 | D868,362 S      | 11/2019 | Stone            |         |
| D819,263 S    | 5/2018  | Zhu                 |         | D868,363 S      | 11/2019 | Stone            |         |
| D819,881 S    | 6/2018  | Qiu                 |         | D868,364 S      | 11/2019 | Stone            |         |
| D821,028 S    | 6/2018  | Tucker et al.       |         | D869,085 S      | 12/2019 | Campbell et al.  |         |
| 9,999,246 B2  | 6/2018  | Suzuki et al.       |         | D869,747 S      | 12/2019 | Stone            |         |
| 9,999,252 B2  | 6/2018  | Liu                 |         | D869,753 S      | 12/2019 | Yang             |         |
| 9,999,253 B2  | 6/2018  | Li et al.           |         | D870,369 S      | 12/2019 | Greenbaum et al. |         |
| D822,271 S    | 7/2018  | Eksouzian           |         | D870,372 S      | 12/2019 | Zhu              |         |
| D822,592 S    | 7/2018  | Cavalli, III et al. |         | D874,059 S      | 1/2020  | Bailey et al.    |         |
| D822,896 S    | 7/2018  | Durand              |         | D877,976 S      | 3/2020  | Ding et al.      |         |
| D823,537 S    | 7/2018  | Beaver              |         | D878,671 S      | 3/2020  | Stone            |         |
| D823,689 S    | 7/2018  | Durand              |         | D880,055 S      | 3/2020  | Luo              |         |
| D824,100 S    | 7/2018  | Scott et al.        |         | 10,602,774 B2   | 3/2020  | Hawes et al.     |         |
| 10,015,991 B1 | 7/2018  | Tucker et al.       |         | D881,457 S      | 4/2020  | Ouyang           |         |
| D825,099 S    | 8/2018  | Wright et al.       |         | 10,609,958 B2   | 4/2020  | Robinson et al.  |         |
| D825,102 S    | 8/2018  | Bowen et al.        |         | 10,609,962 B2   | 4/2020  | Zhu              |         |
| D825,103 S    | 8/2018  | Wright et al.       |         | D883,566 S      | 5/2020  | Filleul et al.   |         |
| D825,834 S    | 8/2018  | Chen                |         | D901,067 S      | 11/2020 | Powell et al.    |         |
| D825,835 S    | 8/2018  | Verleur et al.      |         | D901,068 S      | 11/2020 | Stone            |         |
| D825,837 S    | 8/2018  | Abroff et al.       |         | D901,069 S      | 11/2020 | Stone            |         |
| D825,838 S    | 8/2018  | Abroff et al.       |         | D901,757 S      | 11/2020 | Stone            |         |
| D825,844 S    | 8/2018  | Verleur et al.      |         | D901,758 S      | 11/2020 | Stone            |         |
| D826,470 S    | 8/2018  | Huang et al.        |         | D905,331 S      | 12/2020 | Stone            |         |
| D827,195 S    | 8/2018  | Chen                |         | D907,285 S      | 1/2021  | Stone            |         |
| D827,922 S    | 9/2018  | Hawes et al.        |         | D907,843 S      | 1/2021  | Stone            |         |
| D829,369 S *  | 9/2018  | Stone               | D27/101 | D915,666 S      | 4/2021  | Choe             |         |
| D829,370 S *  | 9/2018  | Stone               | D27/101 | D929,651 S      | 8/2021  | Powell et al.    |         |
| D829,371 S    | 9/2018  | Durand              |         | D930,897 S      | 9/2021  | Qiu et al.       |         |
| D829,373 S    | 9/2018  | Huang et al.        |         | D956,348 S *    | 6/2022  | Stone            | D27/101 |
| D829,974 S *  | 10/2018 | Stone               | D27/101 | D957,041 S *    | 7/2022  | Stone            | D27/101 |
| D829,975 S *  | 10/2018 | Stone               | D27/101 | D957,724 S *    | 7/2022  | Stone            | D27/101 |
| D829,976 S *  | 10/2018 | Stone               | D27/101 | D968,686 S *    | 11/2022 | Stone            | D27/101 |
| D829,977 S *  | 10/2018 | Stone               | D27/101 | 2011/0290244 A1 | 12/2011 | Schennum         |         |
| D829,978 S *  | 10/2018 | Stone               | D27/101 | 2013/0068239 A1 | 3/2013  | Youn             |         |
| D829,980 S    | 10/2018 | Qiu                 |         | 2013/0319438 A1 | 12/2013 | Liu              |         |
| D830,625 S *  | 10/2018 | Stone               | D27/101 | 2014/0060524 A1 | 3/2014  | Liu              |         |
| D831,271 S    | 10/2018 | Qiu                 |         | 2014/0196716 A1 | 7/2014  | Liu              |         |
| D831,885 S    | 10/2018 | Wang et al.         |         | 2015/0020827 A1 | 1/2015  | Liu              |         |
| D832,499 S    | 10/2018 | Qiu                 |         | 2015/0020828 A1 | 1/2015  | Liu              |         |
| D832,500 S    | 10/2018 | Qiu                 |         | 2015/0027467 A1 | 1/2015  | Liu              |         |
| D832,503 S    | 10/2018 | Blanding            |         | 2015/0034104 A1 | 2/2015  | Zhou             |         |
| D833,064 S    | 11/2018 | Verleur et al.      |         | 2015/0059784 A1 | 3/2015  | Liu              |         |
| D834,246 S    | 11/2018 | Qiu                 |         | 2015/0128973 A1 | 5/2015  | Li et al.        |         |
| D834,702 S    | 11/2018 | Evans et al.        |         | 2015/0196056 A1 | 7/2015  | Liu              |         |
| D834,743 S    | 11/2018 | Tucker et al.       |         | 2015/0296889 A1 | 10/2015 | Liu              |         |
| D835,337 S    | 12/2018 | Beer et al.         |         | 2015/0313288 A1 | 11/2015 | Liu              |         |
| D836,190 S    | 12/2018 | Evans et al.        |         | 2015/0335072 A1 | 11/2015 | Giller           |         |
| D836,833 S    | 12/2018 | Simon               |         | 2016/0073692 A1 | 3/2016  | Alarcon et al.   |         |
| 10,143,237 B2 | 12/2018 | Watson              |         | 2016/0073694 A1 | 3/2016  | Liu              |         |
| 10,159,285 B2 | 12/2018 | Watson              |         | 2016/0113327 A1 | 4/2016  | Wu               |         |
| D838,900 S    | 1/2019  | Freese              |         | 2016/0120222 A1 | 5/2016  | Bagai et al.     |         |
| D841,231 S    | 2/2019  | Hawes et al.        |         | 2016/0120226 A1 | 5/2016  | Rado             |         |
| 10,201,188 B2 | 2/2019  | Lin                 |         | 2016/0121058 A1 | 5/2016  | Chen             |         |
| D843,648 S    | 3/2019  | Santos              |         | 2016/0135502 A1 | 5/2016  | Wang et al.      |         |
| D843,649 S    | 3/2019  | Rasmussen et al.    |         | 2016/0150821 A1 | 6/2016  | Liu              |         |
| D843,650 S    | 3/2019  | Verleur et al.      |         | 2016/0183593 A1 | 6/2016  | Liu              |         |
| D844,221 S    | 3/2019  | Tucker et al.       |         | 2016/0183596 A1 | 6/2016  | Rado             |         |
| D844,222 S    | 3/2019  | Yamada et al.       |         | 2016/0270446 A1 | 9/2016  | Shenkal et al.   |         |
| D844,233 S    | 3/2019  | Yamada et al.       |         | 2016/0331912 A1 | 11/2016 | Trzecieski       |         |
| D849,318 S    | 5/2019  | Deng et al.         |         | 2016/0338405 A1 | 11/2016 | Liu              |         |
| 10,292,436 B2 | 5/2019  | Cirillo et al.      |         | 2016/0345626 A1 | 12/2016 | Wong et al.      |         |
| D855,251 S    | 7/2019  | Qiu et al.          |         | 2016/0353805 A1 | 12/2016 | Hawes et al.     |         |
| D855,877 S    | 8/2019  | Folkerts et al.     |         | 2016/0374396 A1 | 12/2016 | Jordan et al.    |         |
| D855,879 S    | 8/2019  | Sudlow              |         | 2016/0374397 A1 | 12/2016 | Jordan et al.    |         |
| D856,575 S    | 8/2019  | Folkerts et al.     |         | 2017/0127722 A1 | 5/2017  | Davis et al.     |         |
| D859,736 S    | 9/2019  | Sudlow              |         | 2017/0143040 A1 | 5/2017  | Liu              |         |
| D862,793 S    | 10/2019 | Chang et al.        |         | 2017/0202265 A1 | 7/2017  | Hawes et al.     |         |
| D862,795 S    | 10/2019 | Caldas              |         | 2017/0215478 A1 | 8/2017  | Harrison et al.  |         |
| D863,670 S    | 10/2019 | He et al.           |         | 2017/0294804 A1 | 10/2017 | Sur              |         |
| D863,674 S    | 10/2019 | Chang et al.        |         | 2017/0295845 A1 | 10/2017 | Bajpai et al.    |         |
| 10,426,198 B2 | 10/2019 | Dendy et al.        |         | 2018/0116281 A1 | 5/2018  | Anderson, Jr.    |         |
| 10,433,585 B2 | 10/2019 | Tucker et al.       |         | 2018/0169355 A1 | 6/2018  | Reevell          |         |
| 10,440,993 B2 | 10/2019 | Minskoff et al.     |         | 2018/0177234 A1 | 6/2018  | Lee              |         |
| D868,360 S    | 11/2019 | Stone               |         | 2018/0213847 A1 | 8/2018  | Reevell          |         |
|               |         |                     |         | 2018/0255835 A1 | 9/2018  | Crowe et al.     |         |
|               |         |                     |         | 2018/0271149 A1 | 9/2018  | Holtz et al.     |         |
|               |         |                     |         | 2018/0271151 A1 | 9/2018  | Litten           |         |
|               |         |                     |         | 2018/0279674 A1 | 10/2018 | Watson           |         |



(56)

**References Cited**

U.S. PATENT DOCUMENTS

|              |    |         |                 |
|--------------|----|---------|-----------------|
| 2018/0279682 | A1 | 10/2018 | Guo et al.      |
| 2018/0310618 | A1 | 11/2018 | Watson          |
| 2018/0339118 | A1 | 11/2018 | Ouyang et al.   |
| 2019/0008207 | A1 | 1/2019  | Crowe           |
| 2019/0090542 | A1 | 3/2019  | Harrison et al. |
| 2019/0090551 | A1 | 3/2019  | Hon             |

FOREIGN PATENT DOCUMENTS

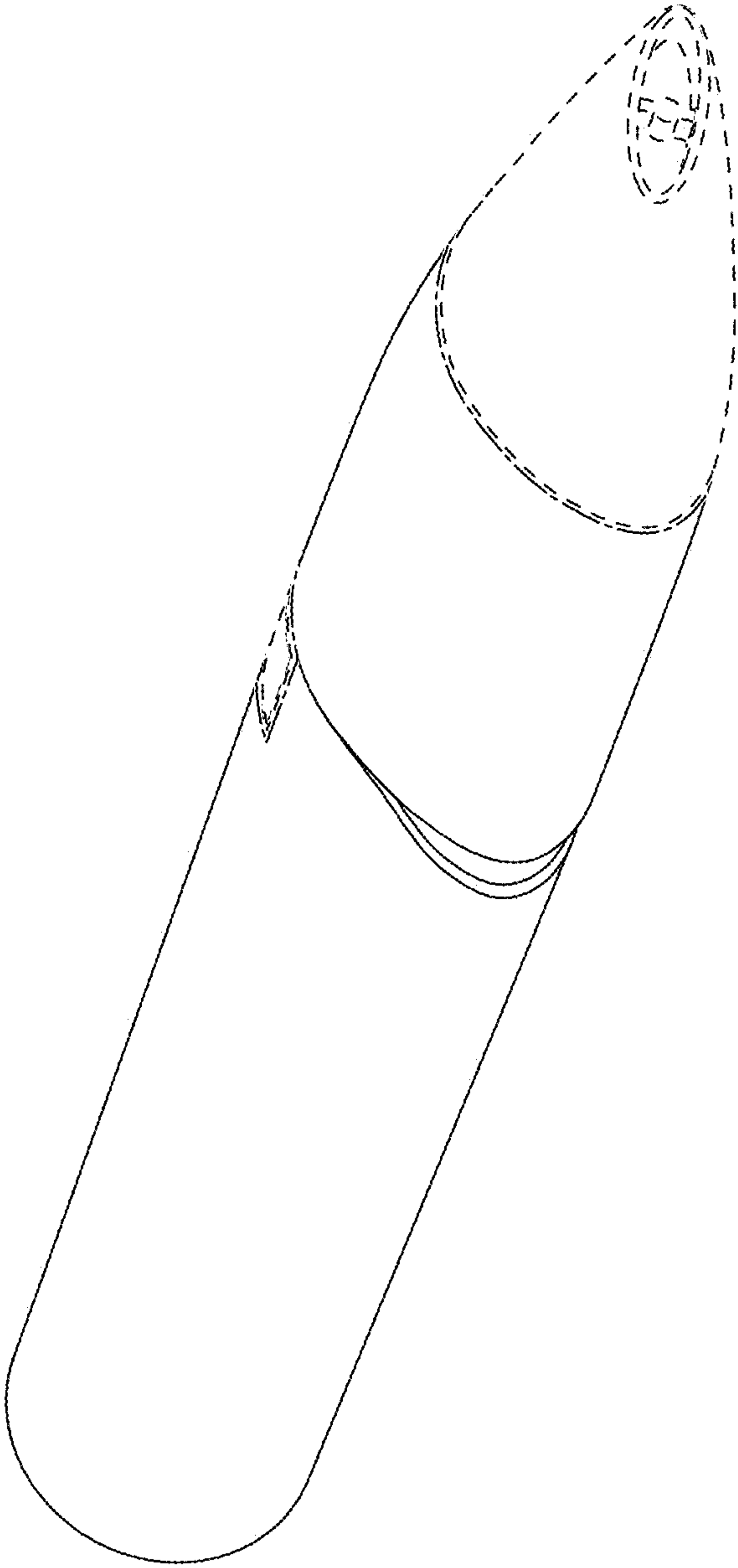
|    |           |   |        |
|----|-----------|---|--------|
| CN | 303657684 | S | 4/2016 |
| TW | D148448   |   | 8/2012 |
| TW | D155436   |   | 8/2013 |
| TW | D155654   |   | 8/2013 |

OTHER PUBLICATIONS

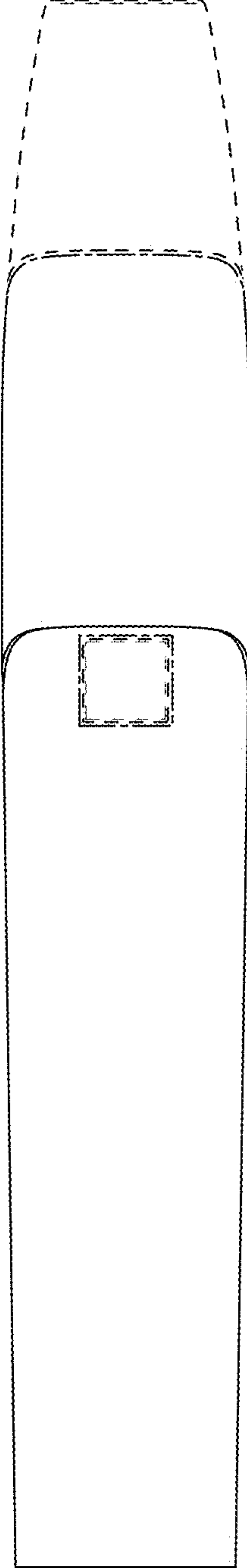
Taiwanese Office Action dated Dec. 12, 2017 in Taiwanese Application No. 106300550.  
 Taiwanese Office Action dated Dec. 12, 2017 in Taiwanese Application No. 106300548.  
 Taiwanese Office Action dated Dec. 27, 2017 in Taiwanese Application No. 106300549.  
 U.S. Notice of Allowance and Corrected Notice of Allowance dated Jan. 17, 2018 and Feb. 13, 2018 in related U.S. Appl. No. 29/592,199.  
 U.S. Office Action dated Jan. 4, 2018 in related U.S. Appl. No. 29/592,185.  
 U.S. Office Action dated Jan. 4, 2018 in related U.S. Appl. No. 29/592,202.  
 U.S. Notice of Allowance and Corrected Notice of Allowance dated Jan. 17, 2018 and Feb. 13, 2018 in related U.S. Appl. No. 29/592,193.  
 U.S. Office Action dated Jan. 5, 2018 in related U.S. Appl. No. 29/592,191.  
 U.S. Office Action dated Jan. 4, 2018 in related U.S. Appl. No. 29/592,186.  
 U.S. Office Action dated Jan. 4, 2018 in related U.S. Appl. No. 29/592,200.  
 U.S. Office Action dated Jan. 5, 2018 in related U.S. Appl. No. 29/592,211.  
 U.S. Office Action dated May 14, 2019, in related U.S. Appl. No. 29/662,847.  
 U.S. Office Action dated May 14, 2019, in related U.S. Appl. No. 29/662,843.  
 U.S. Office Action dated May 23, 2019 in corresponding U.S. Appl. No. 29/662,871.  
 U.S. Office Action dated May 23, 2019 in corresponding U.S. Appl. No. 29/662,859.  
 U.S. Office Action dated May 23, 2019 in corresponding U.S. Appl. No. 29/662,845.

U.S. Office Action dated May 23, 2019 in corresponding U.S. Appl. No. 29/662,880.  
 U.S. Office Action dated May 23, 2019 in corresponding U.S. Appl. No. 29/662,888.  
 Notice of Allowance dated Nov. 19, 2019, issued in corresponding U.S. Appl. No. 29/662,845.  
 U.S. Office Action dated May 22, 2020 in corresponding U.S. Appl. No. 29/710,932.  
 Notice of Allowance dated Jun. 4, 2020, issued in corresponding U.S. Appl. No. 29/710,943.  
 Notice of Allowance dated Jun. 4, 2020, issued in corresponding U.S. Appl. No. 29/710,946.  
 Notice of Allowance dated Jun. 4, 2020, issued in corresponding U.S. Appl. No. 29/710,936.  
 Notice of Allowance dated Jun. 4, 2020, issued in corresponding U.S. Appl. No. 29/710,972.  
 U.S. Office Action dated Jun. 5, 2020 in corresponding U.S. Appl. No. 29/710,951.  
 U.S. Office Action dated Jun. 5, 2020 in corresponding U.S. Appl. No. 29/710,957.  
 Notice of Allowance dated Jul. 6, 2020, issued in corresponding U.S. Appl. No. 29/710,943.  
 Notice of Allowance dated Jul. 2, 2020, issued in corresponding U.S. Appl. No. 29/710,946.  
 Notice of Allowance dated Jul. 6, 2020, issued in corresponding U.S. Appl. No. 29/710,936.  
 Notice of Allowance dated Jul. 2, 2020, issued in corresponding U.S. Appl. No. 29/710,972.  
 Notice of Allowance dated Aug. 26, 2020, issued in corresponding U.S. Appl. No. 29/710,932.  
 Notice of Allowance dated Sep. 11, 2020, issued in corresponding U.S. Appl. No. 29/710,957.  
 Notice of Allowance dated Sep. 16, 2020, issued in corresponding U.S. Appl. No. 29/710,951.  
 Office Action dated Nov. 12, 2021, issued in corresponding U.S. Appl. No. 29/756,808.  
 Office Action dated Nov. 12, 2021, issued in corresponding U.S. Appl. No. 29/756,815.  
 Office Action dated Jan. 27, 2022, issued in corresponding U.S. Appl. No. 29/756,812.  
 Notice of Allowance dated Feb. 24, 2022, issued in corresponding U.S. Appl. No. 29/756,815.  
 Notice of Allowance dated Mar. 2, 2022, issued in corresponding U.S. Appl. No. 29/756,808.  
 Notice of Allowance dated Mar. 20, 2023, issued in corresponding U.S. Appl. No. 29/842,670.  
 Office Action dated Mar. 20, 2023, issued in corresponding U.S. Appl. No. 29/842,669.  
 Notice of Allowance dated Jun. 14, 2023, issued in corresponding U.S. Appl. No. 29/842,669.

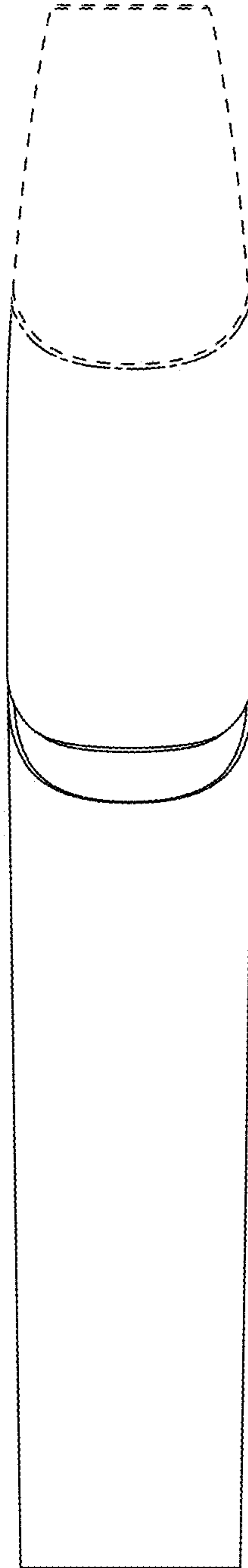
\* cited by examiner



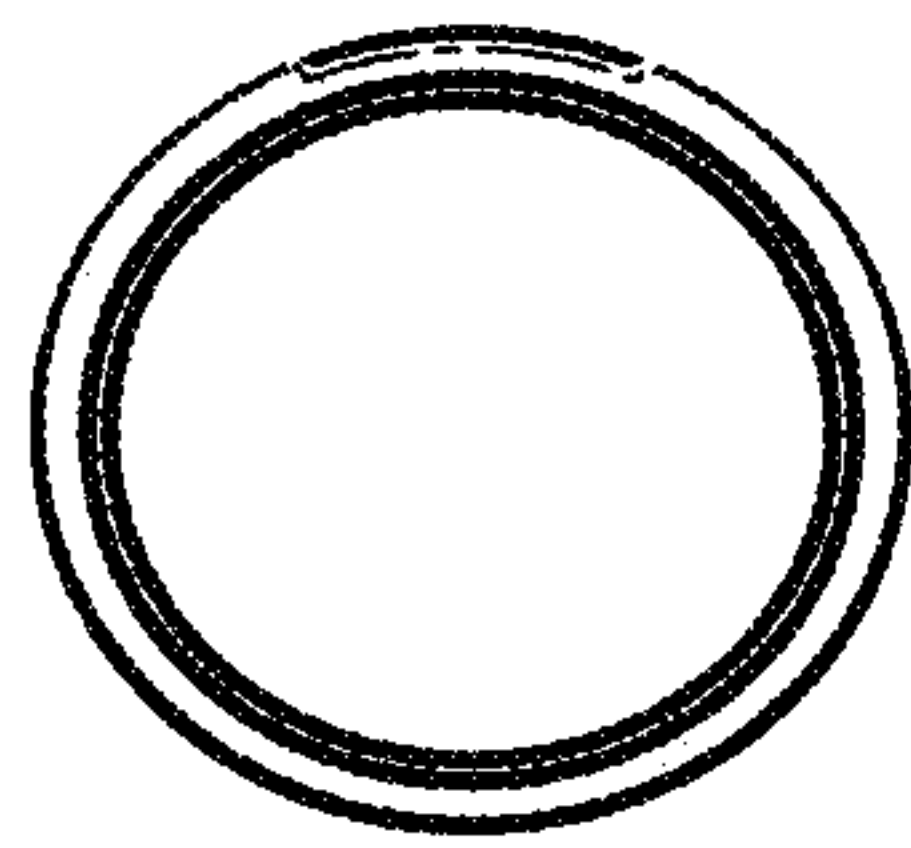
**FIG. 1**



**FIG. 2**

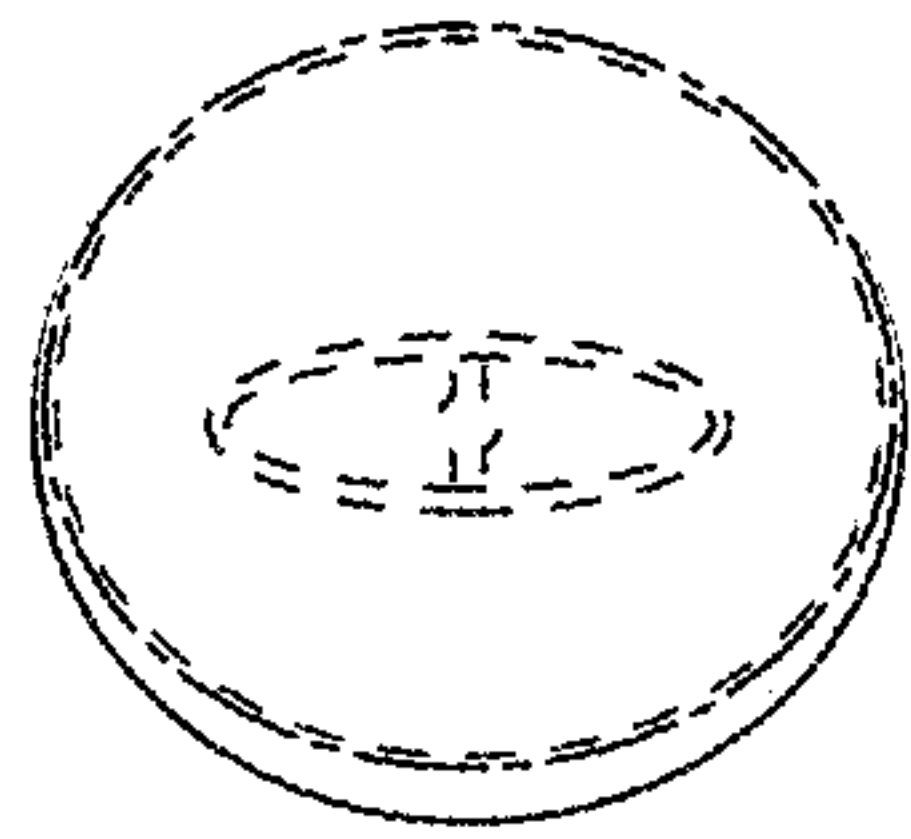


**FIG. 3**

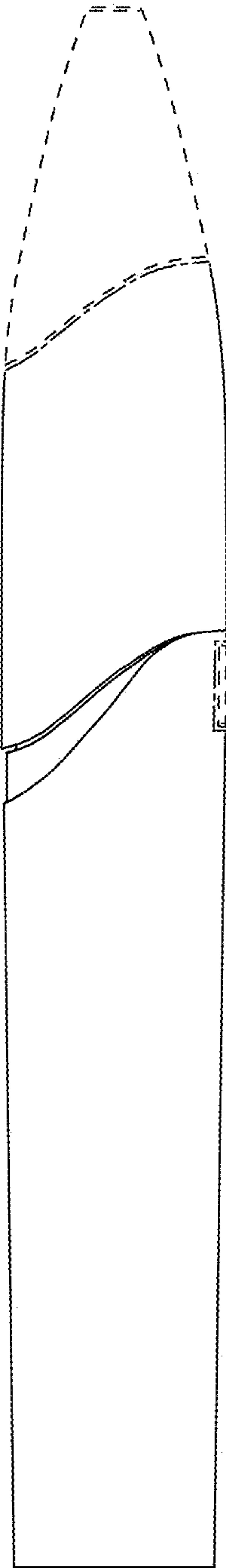


**FIG. 4**

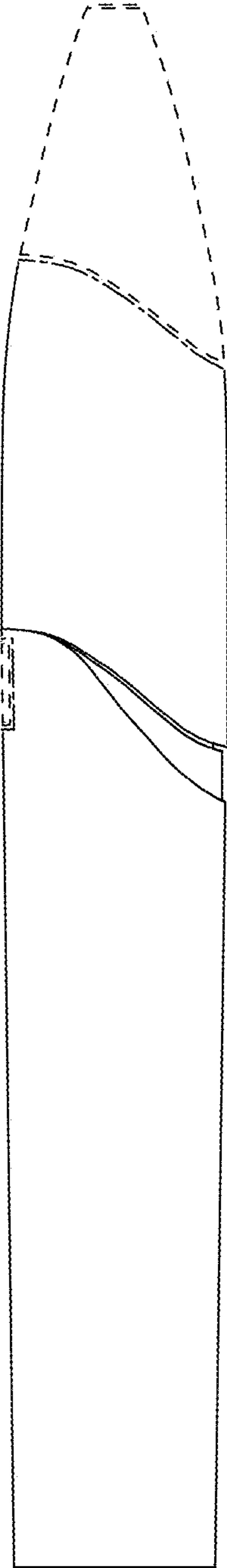




**FIG. 5**



**FIG. 6**



**FIG. 7**