



US00D907843S

(12) **United States Design Patent** (10) **Patent No.:** **US D907,843 S**
Stone (45) **Date of Patent:** **** *Jan. 12, 2021**

(54) **ELECTRONIC CIGARETTE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Altria Client Services LLC**,
Richmond, VA (US)

CN 303162041 S 4/2015
CN 303482767 S 12/2015

(Continued)

(72) Inventor: **Mitchell Stone**, Staffordshire (GB)

OTHER PUBLICATIONS

(73) Assignee: **Altria Client Services LLC**,
Richmond, VA (US)

Taiwanese Office Action dated Dec. 12, 2017 in Taiwanese Appli-
cation No. 106300550.

(*) Notice: This patent is subject to a terminal dis-
claimer.

(Continued)

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

Primary Examiner — Marissa J Cash

(21) Appl. No.: **29/710,957**

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

(22) Filed: **Oct. 28, 2019**

(57) **CLAIM**

Related U.S. Application Data

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

(62) Division of application No. 29/662,888, filed on Sep.
10, 2018, now Pat. No. Des. 868,364, which is a
(Continued)

DESCRIPTION

(30) **Foreign Application Priority Data**

Jul. 31, 2016 (EM) EM003325349-0001
Jul. 31, 2016 (EM) EM003325349-0002

(Continued)

(51) **LOC (13) Cl.** **27-01**

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

(58) **Field of Classification Search**
USPC D27/100, 101, 162–196; D8/499;
D23/366

(Continued)

FIG. 1 is a perspective view of an electronic cigarette, with
a transparent tapered end portion of the mouthpiece;
FIG. 2 is a front view of the electronic cigarette, with a
transparent tapered end portion of the mouthpiece;
FIG. 3 is a rear view of the electronic cigarette, with a
transparent tapered end portion of the mouthpiece;
FIG. 4 is a left side view of the electronic cigarette, with a
transparent tapered end portion of the mouthpiece;
FIG. 5 is a right side view of the electronic cigarette, with
a transparent tapered end portion of the mouthpiece;
FIG. 6 is a top view of the electronic cigarette, with a
transparent tapered end portion of the mouthpiece; and,
FIG. 7 is a bottom view of the electronic cigarette, with a
transparent tapered end portion of the mouthpiece.

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 line represents a bound-
ary of the claimed design.

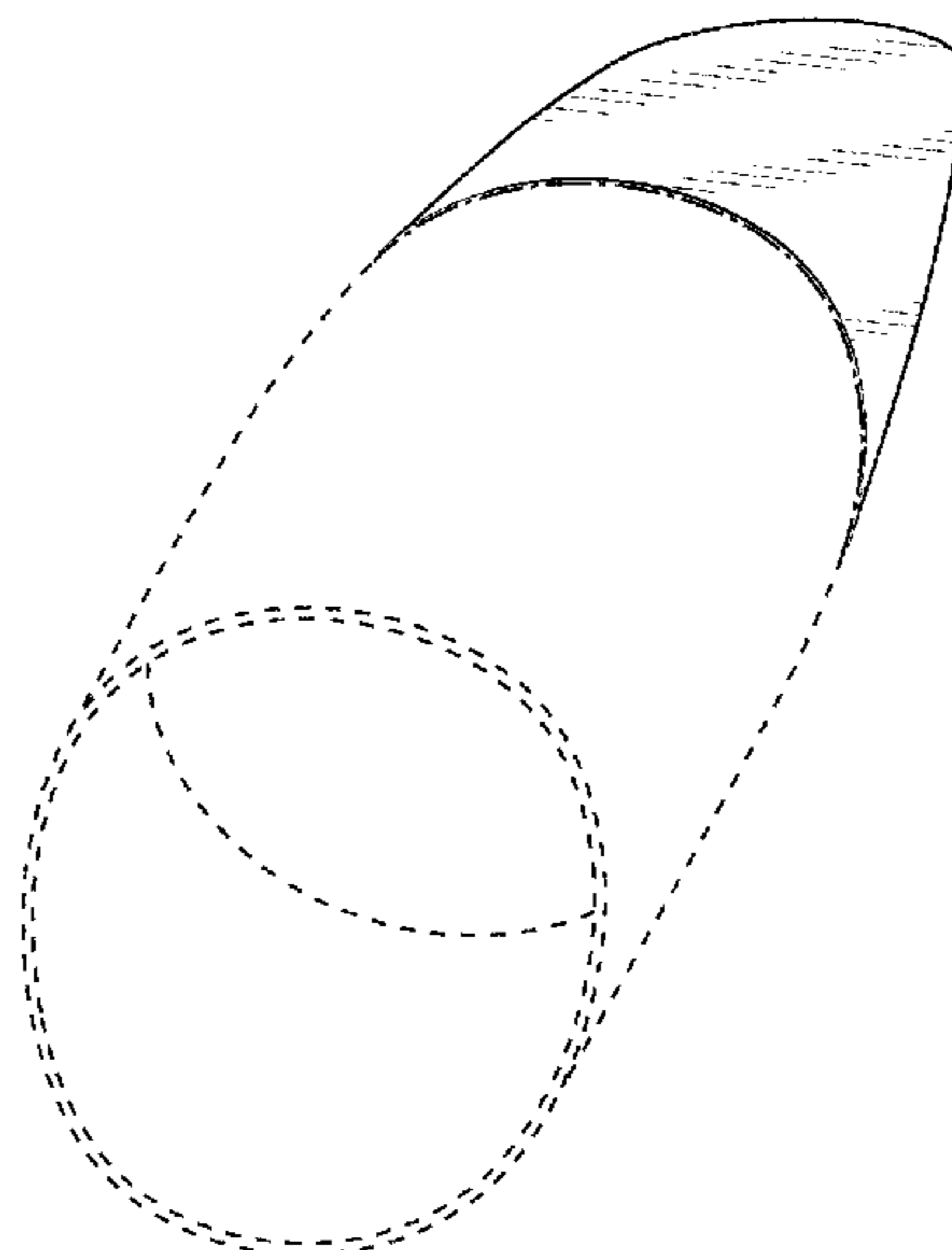
(56) **References Cited**

U.S. PATENT DOCUMENTS

D142,842 S 11/1945 Daze
D167,230 S 7/1952 Rehfeld

(Continued)

1 Claim, 7 Drawing Sheets



Related U.S. Application Data

division of application No. 29/592,211, filed on Jan. 27, 2017, now Pat. No. Des. 829,978.

(30) **Foreign Application Priority Data**

Jul. 31, 2016 (EM) EM003325349-0003
 Jul. 31, 2016 (EM) EM003325349-0004
 Jul. 31, 2016 (EM) EM003325349-0005
 Jul. 31, 2016 (EM) EM003325349-0006
 Jul. 31, 2016 (EM) EM003325349-0007
 Jul. 31, 2016 (EM) EM003325349-0008
 Aug. 12, 2016 (EM) EM003339829-0001
 Aug. 12, 2016 (EM) EM003339829-0002
 Aug. 12, 2016 (EM) EM003339829-0003
 Aug. 12, 2016 (EM) EM003339829-0004

(58) **Field of Classification Search**

CPC A24F 47/008; A24F 47/002; A24F 15/14;
 A24F 40/20; A24F 47/00
 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 D27/101
 D757,353 S * 5/2016 Nunnelly D27/101

D757,996 S 5/2016 Hua
 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 D27/194
 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
 D779,719 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 et al.	D868,362 S *	11/2019	Stone D27/101
D819,263 S	5/2018	Zhu	D868,363 S *	11/2019	Stone D27/101
D819,881 S	6/2018	Qiu	D868,364 S *	11/2019	Stone D27/101
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 F16K 15/14	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 D27/162
D825,834 S	8/2018	Chen	2011/0290244 A1	12/2011	Schennum
D825,835 S	8/2018	Verleur et al.	2013/0068239 A1 *	3/2013	Youn A24F 47/008 131/273
D825,837 S	8/2018	Abroff et al.	2013/0319438 A1	12/2013	Liu
D825,838 S	8/2018	Abroff et al.	2014/0060524 A1	3/2014	Liu
D825,844 S *	8/2018	Verleur D27/167	2014/0196716 A1	7/2014	Liu
D826,470 S	8/2018	Huang et al.	2015/0020827 A1	1/2015	Liu
D827,195 S	8/2018	Chen	2015/0020828 A1	1/2015	Liu
D827,922 S	9/2018	Hawes et al.	2015/0027467 A1	1/2015	Liu
D829,369 S	9/2018	Stone	2015/0034104 A1	2/2015	Zhou
D829,370 S *	9/2018	Stone D27/101	2015/0059784 A1	3/2015	Liu
D829,371 S	9/2018	Durand	2015/0128973 A1	5/2015	Li et al.
D829,373 S	9/2018	Huang et al.	2015/0196056 A1	7/2015	Liu
D829,974 S *	10/2018	Stone D27/101	2015/0296889 A1	10/2015	Liu
D829,975 S *	10/2018	Stone D27/101	2015/0313288 A1	11/2015	Liu
D829,976 S	10/2018	Stone	2015/0335072 A1	11/2015	Giller
D829,977 S *	10/2018	Stone D27/101	2016/0073692 A1	3/2016	Alarcon et al.
D829,978 S *	10/2018	Stone D27/101	2016/0073694 A1	3/2016	Liu
D829,980 S	10/2018	Qiu	2016/0113327 A1	4/2016	Wu
D830,625 S	10/2018	Stone	2016/0120222 A1 *	5/2016	Bagai H05B 3/00 131/329
D831,271 S	10/2018	Qiu	2016/0120226 A1	5/2016	Rado
D831,885 S	10/2018	Wang et al.	2016/0121058 A1	5/2016	Chen
D832,499 S	10/2018	Qiu	2016/0135502 A1	5/2016	Wang et al.
D832,500 S	10/2018	Qiu	2016/0150821 A1	6/2016	Liu
D832,503 S *	10/2018	Blanding D27/163	2016/0183593 A1	6/2016	Liu
D833,064 S	11/2018	Verleur et al.	2016/0183596 A1	6/2016	Rado
D834,246 S	11/2018	Qiu	2016/0270446 A1	9/2016	Shenkal et al.
D834,702 S	11/2018	Evans et al.	2016/0331912 A1	11/2016	Trzeciecki
D834,743 S	11/2018	Tucker et al.	2016/0338405 A1	11/2016	Liu
D835,337 S	12/2018	Beer et al.	2016/0345626 A1	12/2016	Wong et al.
D836,190 S	12/2018	Evans et al.	2016/0353805 A1	12/2016	Hawes et al.
D836,833 S	12/2018	Simon	2016/0374396 A1 *	12/2016	Jordan A24F 47/008 392/386
10,143,237 B2	12/2018	Watson	2016/0374397 A1 *	12/2016	Jordan G05B 15/02 131/329
10,159,285 B2	12/2018	Watson	2017/0127722 A1	5/2017	Davis et al.
D838,900 S	1/2019	Freese	2017/0143040 A1	5/2017	Liu
D841,231 S	2/2019	Hawes et al.	2017/0202265 A1	7/2017	Hawes et al.
10,201,188 B2	2/2019	Lin	2017/0215478 A1	8/2017	Harrison et al.
D843,648 S	3/2019	Santos	2017/0294804 A1	10/2017	Sur
D843,649 S	3/2019	Rasmussen et al.	2017/0295845 A1	10/2017	Bajpai et al.
D843,650 S	3/2019	Verleur et al.	2018/0116281 A1	5/2018	Anderson, Jr.
D844,221 S	3/2019	Tucker et al.	2018/0169355 A1	6/2018	Reevell
D844,222 S	3/2019	Yamada et al.	2018/0177234 A1 *	6/2018	Lee A24F 9/16
D844,233 S	3/2019	Yamada et al.	2018/0213847 A1	8/2018	Reevell
D849,318 S	5/2019	Deng et al.	2018/0255835 A1	9/2018	Crowe et al.
10,292,436 B2	5/2019	Cirillo et al.	2018/0271149 A1	9/2018	Holtz et al.
D855,251 S	7/2019	Qiu et al.	2018/0271151 A1 *	9/2018	Litten H05B 1/0283
D855,877 S	8/2019	Folkerts et al.	2018/0279674 A1	10/2018	Watson
D855,879 S	8/2019	Sudlow	2018/0279682 A1	10/2018	Guo et al.
D856,575 S	8/2019	Folkerts et al.	2018/0310618 A1	11/2018	Watson
D859,736 S	9/2019	Sudlow	2018/0339118 A1	11/2018	Ouyang et al.
D862,793 S *	10/2019	Chang D27/162	2019/0008207 A1	1/2019	Crowe
D862,795 S *	10/2019	Caldas D27/194			
D863,670 S	10/2019	He et al.			
D863,674 S	10/2019	Chang et al.			
10,426,198 B2 *	10/2019	Dendy H05B 3/03			
10,433,585 B2 *	10/2019	Tucker H05B 1/0244			
10,440,993 B2 *	10/2019	Minskoff H05B 1/0244			
D868,360 S	11/2019	Stone			

(56)

References Cited

U.S. PATENT DOCUMENTS

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. 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.
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.
U.S. Office Action dated May 22, 2020 in corresponding U.S. Appl. No. 29/710,932.
Notice of Allowance dated Nov. 19, 2019, issued in corresponding U.S. Appl. No. 29/662,845.
Notice of Allowance dated Aug. 26, 2020, issued 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.
Notice of Allowance dated Sep. 16, 2020, issued in corresponding U.S. Appl. No. 29/710,951.

* cited by examiner

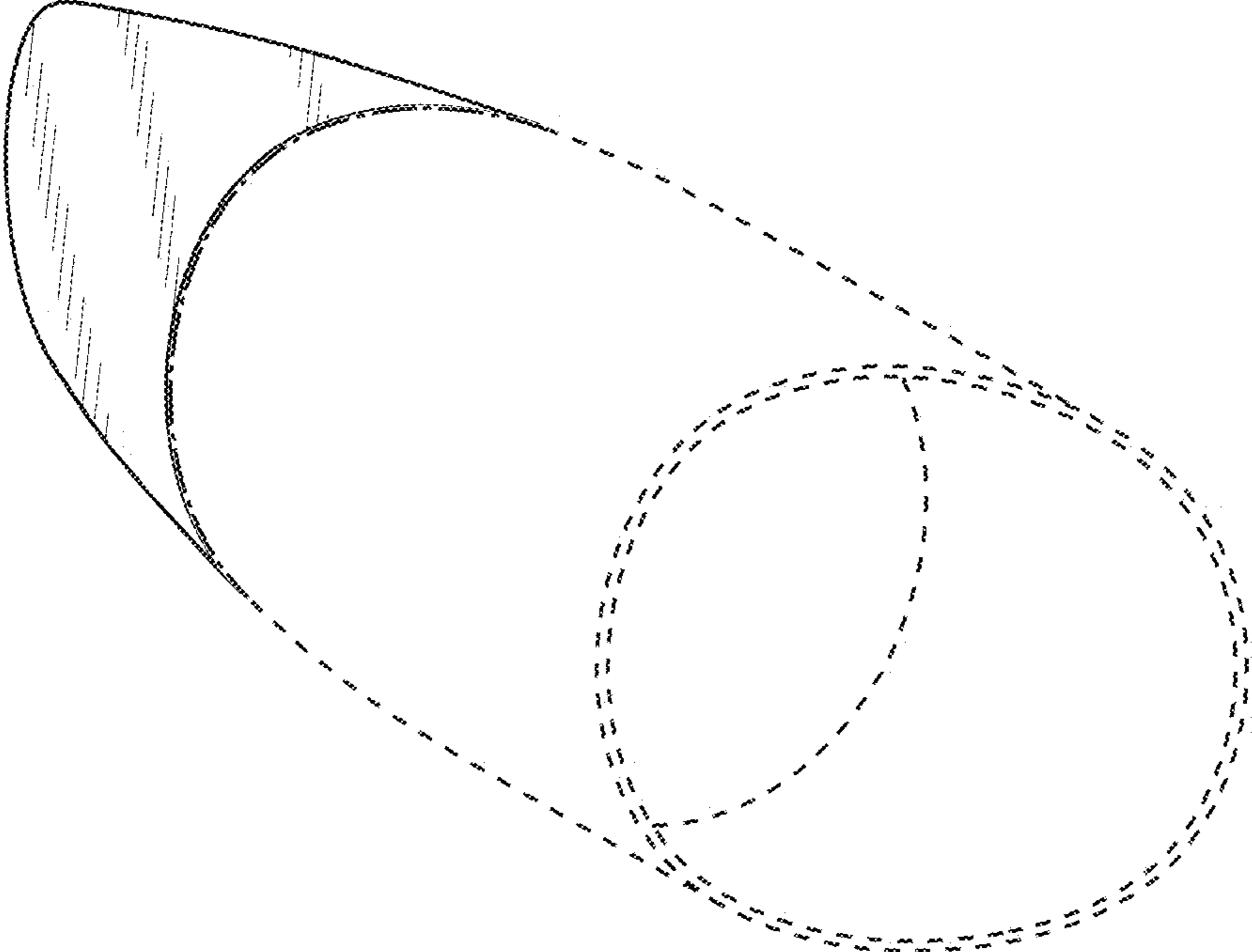


FIG. 1

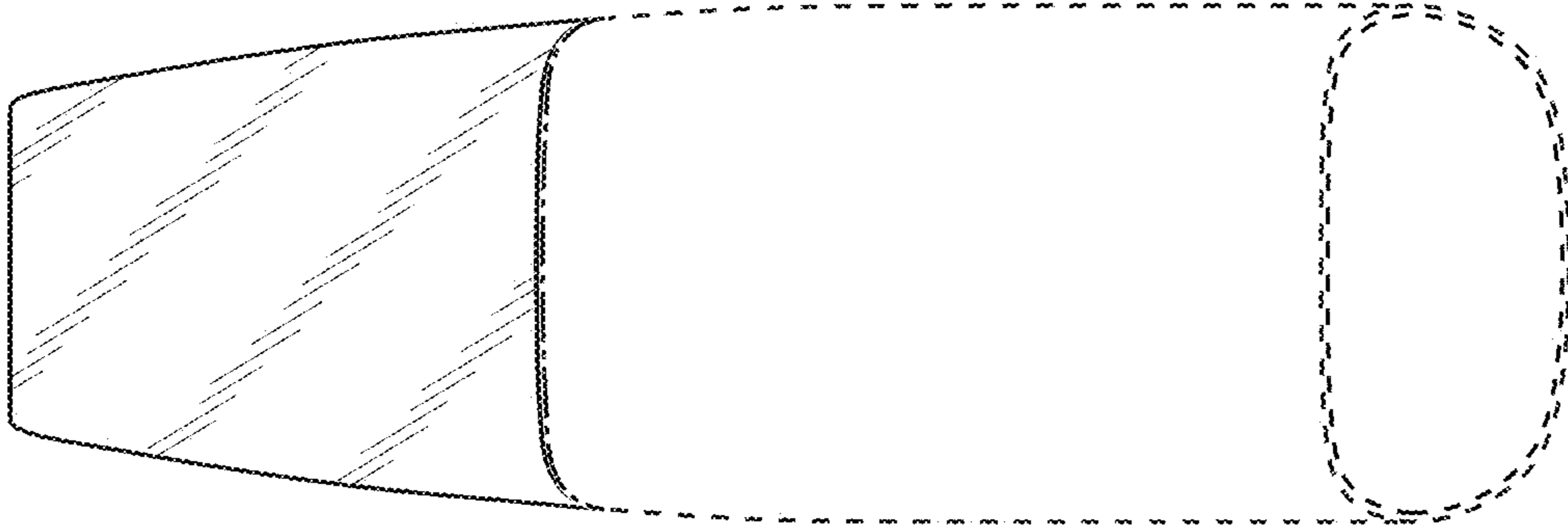


FIG. 2

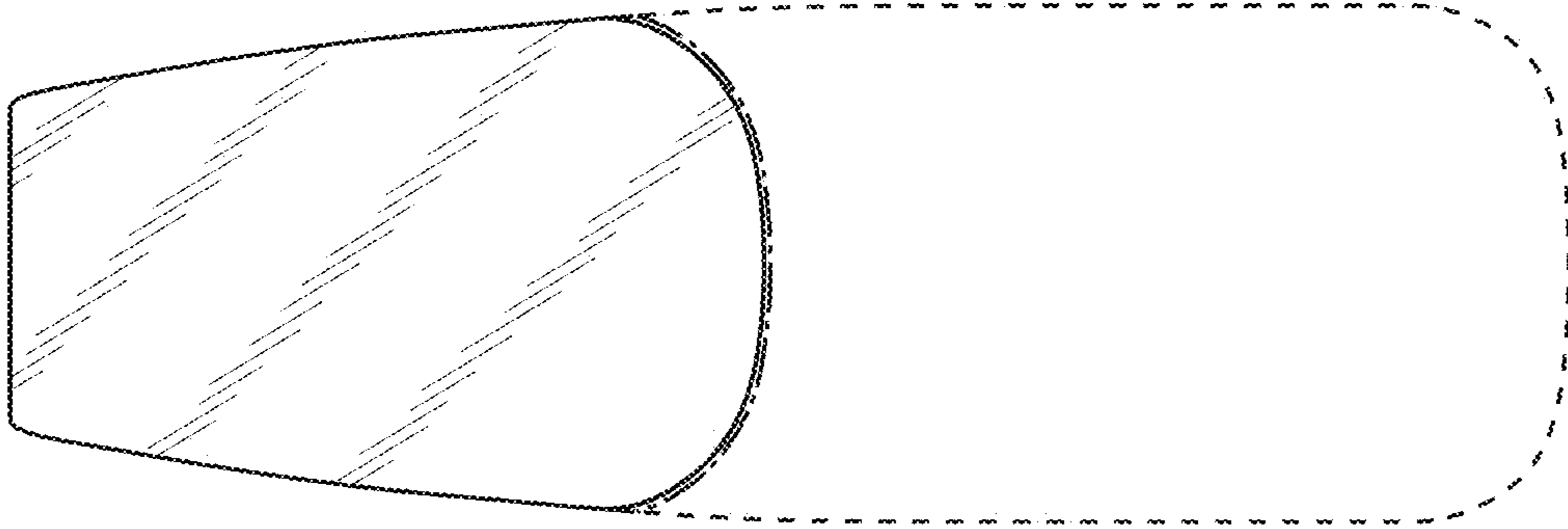


FIG. 3

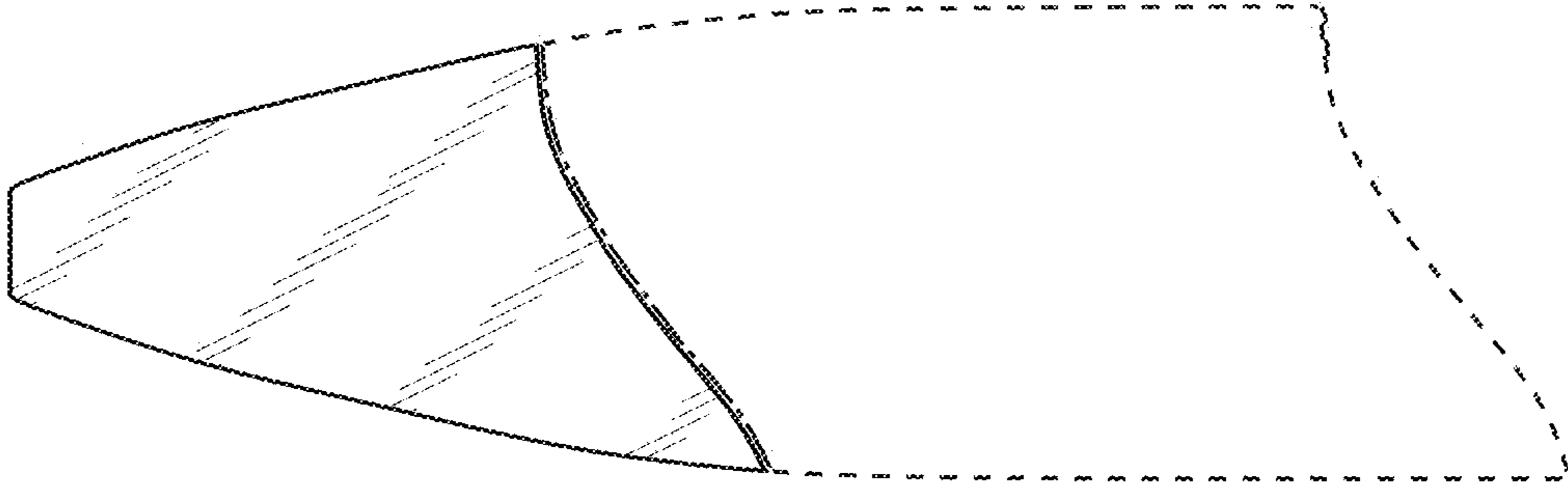


FIG. 4

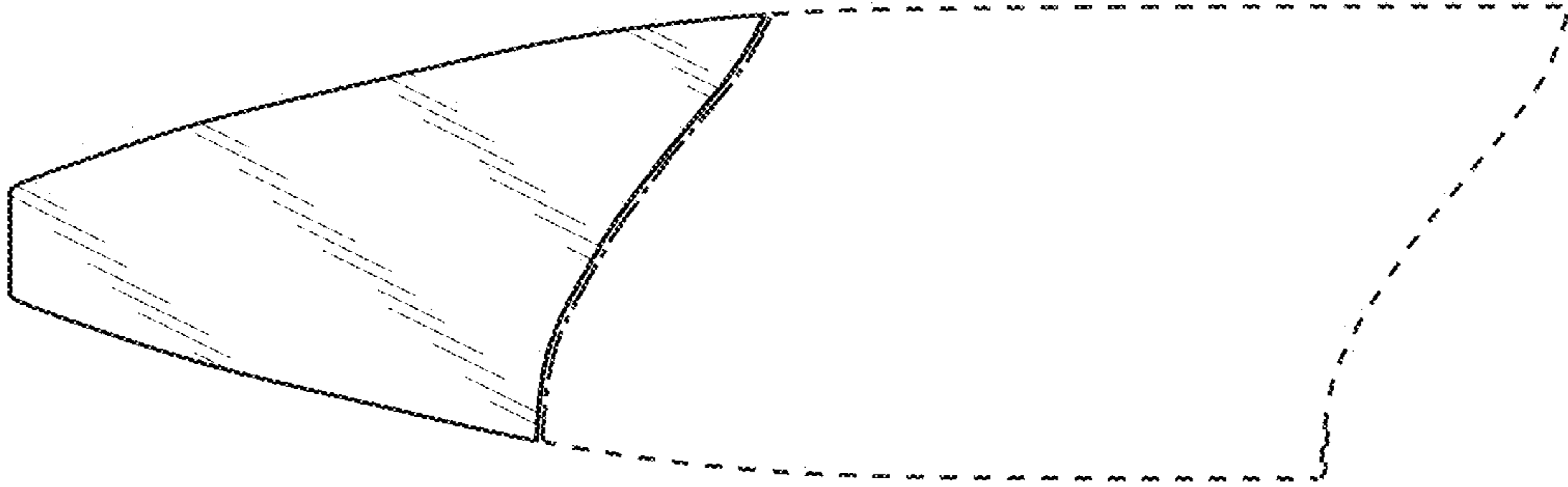


FIG. 5

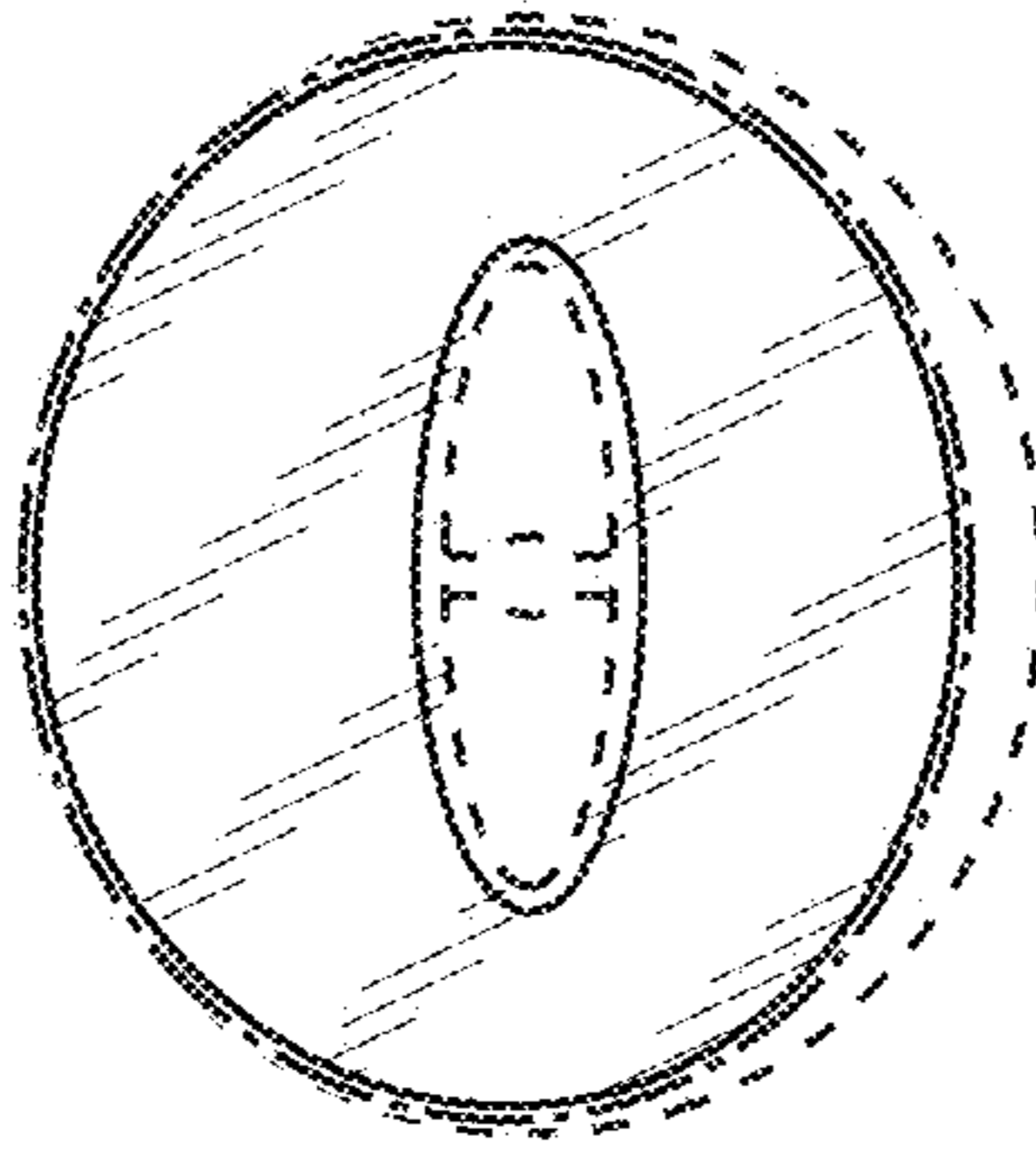


FIG. 6

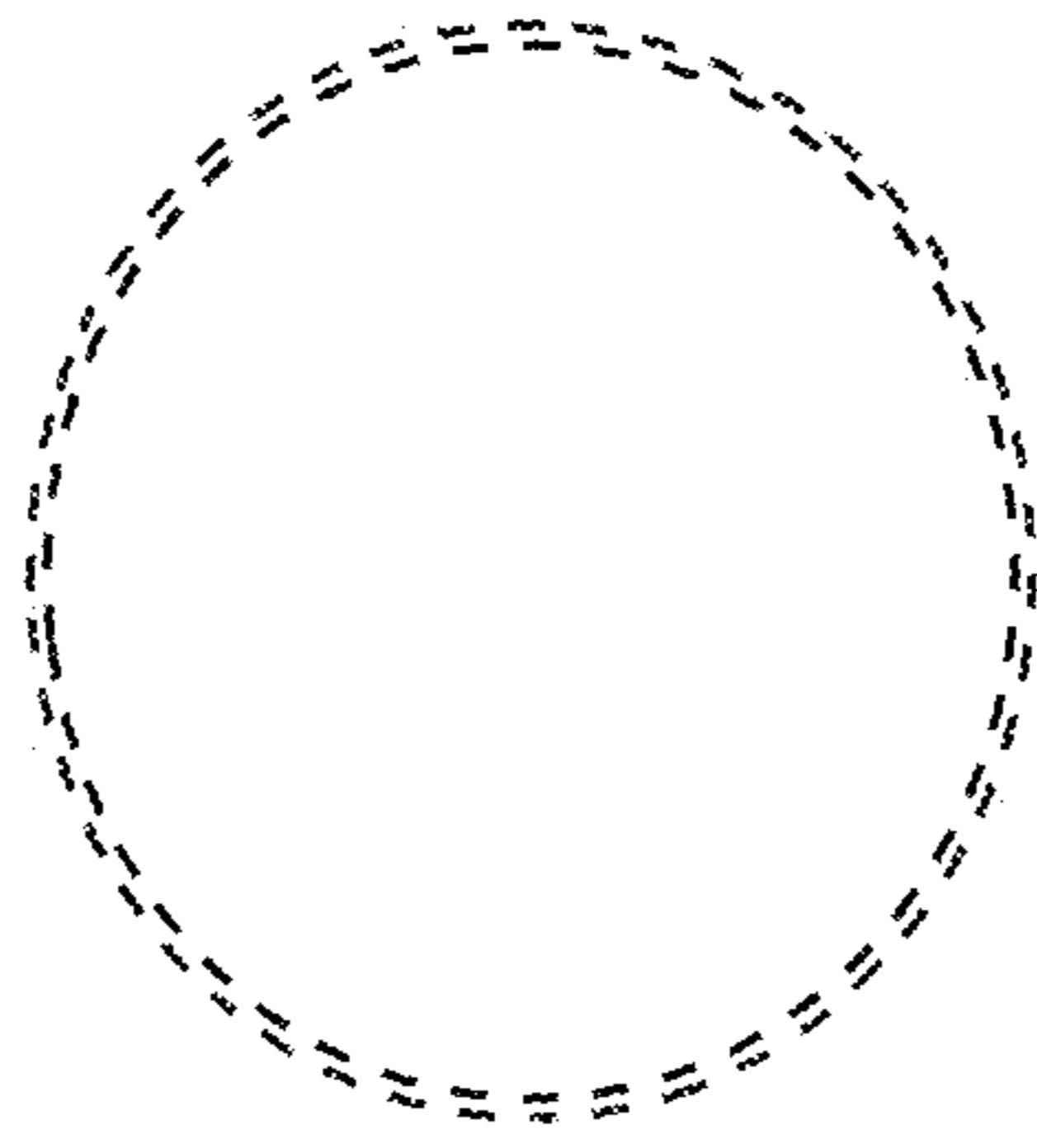


FIG. 7