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(12) **United States Design Patent** (10) **Patent No.:** **US D910,232 S**
Kauss (45) **Date of Patent:** **** Feb. 9, 2021**

(54) **ELECTRONIC VAPORIZER**

FOREIGN PATENT DOCUMENTS

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CN 303897507 10/2016
CN 303961973 12/2016

(Continued)

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OTHER PUBLICATIONS

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<https://www.juulvapor.com/shop-juul/>, 2016, believed to be publicly available as early as Aug. 5, 2016.‡

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

(Continued)

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Assistant Examiner — Rebecca Tsehaye

Related U.S. Application Data

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(63) Continuation of application No. 29/572,791, filed on Jul. 29, 2016, now Pat. No. Des. 842,535.

(57) **CLAIM**

(30) **Foreign Application Priority Data**

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

Jul. 19, 2016 (CN) 2016 3 03295550

DESCRIPTION

(51) **LOC (13) Cl.** **27-02**

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

(58) **Field of Classification Search**
USPC D27/162, 101, 106, 108, 163, 165, 167,
D27/169, 172, 173, 174, 175, 183,
(Continued)

FIG. 1 is a perspective front view of an electronic vaporizer. FIG. 2 is a front view of the electronic vaporizer of FIG. 1. FIG. 3 is a rear view of the electronic vaporizer of FIG. 1. FIG. 4 is a right side view of the electronic vaporizer of FIG. 1. FIG. 5 is a left side view of the electronic vaporizer of FIG. 1. FIG. 6 is a top view of the electronic vaporizer FIG. 1; and, FIG. 7 is a bottom view of the electronic vaporizer of FIG. 1.

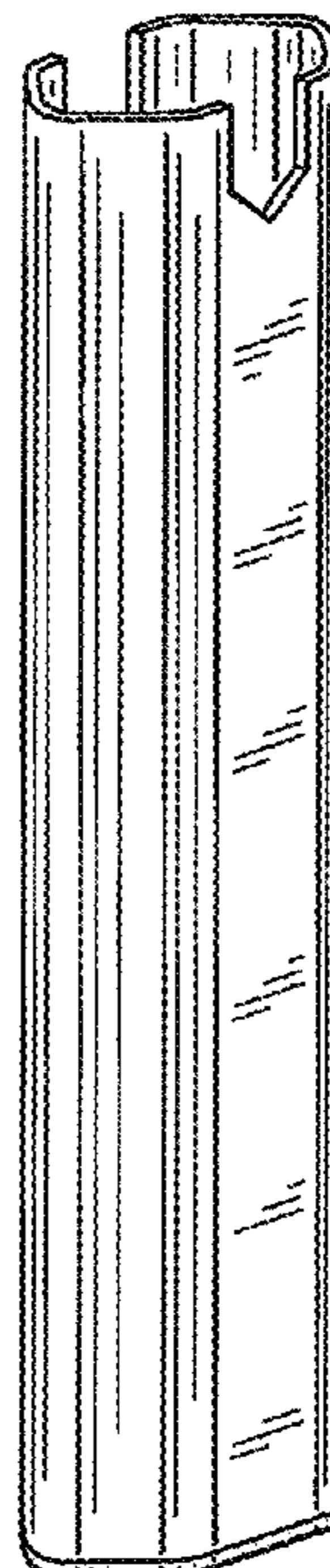
(56) **References Cited**

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

U.S. PATENT DOCUMENTS

D136,980 S 1/1944 Hickman
D191,251 S 8/1961 Zackheim
(Continued)

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**

USPC D27/186-190, 193, 195, 125, 131, 141,
D27/142, 152, 153, 160; D24/108, 110;
131/273, 274, 191, 330, 329, 328;
128/202.21, 203.12
CPC A24F 47/002; A24F 47/004; A24F 47/006;
A24F 47/008; A61M 15/06
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D231,708 S 5/1974 Kenney et al.
D247,316 S 2/1978 Beeson et al.
D262,662 S ‡ 1/1982 Stuetzer D27/154
4,486,169 A 12/1984 Lewis
D299,066 S 12/1988 Newell et al.
4,993,435 A 2/1991 McCann
D323,292 S 1/1992 Jones
D347,490 S * 5/1994 Gee D27/194
D402,401 S 12/1998 Duke
D422,113 S ‡ 3/2000 Higgins D27/186
D470,529 S 2/2003 Tu
D492,061 S 6/2004 Reynolds
D532,927 S 11/2006 Sann
D577,150 S 9/2008 Bryman et al.
D606,865 S 12/2009 Huntington et al.
D649,708 S 11/2011 Oneil
D663,892 S 7/2012 Arcos Bellvehi
D669,530 S 10/2012 Hung
D675,777 S ‡ 2/2013 Wu D27/101
D720,497 S ‡ 12/2014 Alima D27/10
D725,310 S ‡ 3/2015 Eksouzian D27/101
D725,821 S 3/2015 Levin et al.
D729,444 S 5/2015 Leidel
D729,445 S 5/2015 Leidel
D731,114 S 6/2015 Leidel
D732,733 S ‡ 6/2015 Spagnolo D27/101
D743,099 S 11/2015 Oglesby
D750,320 S ‡ 2/2016 Verleur A24F 47/008
D752,278 S * 3/2016 Verleur D27/101
D752,280 S ‡ 3/2016 Verleur D13/103
D753,336 S 4/2016 Chen D27/167
D758,656 S 6/2016 Freshwater et al.
D760,429 S 6/2016 Emarlou
D763,502 S ‡ 8/2016 Verleur D27/16
D771,043 S ‡ 11/2016 Avetisov D14/38
D771,867 S 11/2016 Leidel et al.
D772,477 S 11/2016 Shin
D773,114 S 11/2016 Leidel et al.
D775,414 S 12/2016 Ampolini et al.
D775,762 S 1/2017 Chen
D776,051 S 1/2017 Wang
D776,337 S ‡ 1/2017 Levin D27/10
D776,867 S ‡ 1/2017 Rado D27/16
D776,868 S ‡ 1/2017 Rado D27/16
D776,869 S ‡ 1/2017 Heidl D27/16
D778,492 S ‡ 2/2017 Liu D27/10
D779,115 S 2/2017 Stoll
D779,719 S 2/2017 Qiu
D788,697 S ‡ 6/2017 Verleur D13/10
D790,766 S 6/2017 Li
D792,020 S 7/2017 Mendoza
D792,642 S 7/2017 Mendoza
D799,110 S 10/2017 Qiu
D799,111 S 10/2017 Qiu
D799,743 S 10/2017 Qiu
D799,746 S 10/2017 Leidel et al.
D800,377 S 10/2017 Liu
D800,383 S * 10/2017 Verleur D27/167
D801,507 S 10/2017 Kelnhofer
D802,206 S 11/2017 Huang et al.
D802,837 S * 11/2017 Thompson D27/186
D805,028 S 12/2017 Liu et al.
D807,576 S 1/2018 Liu et al.

D809,190 S ‡ 1/2018 Schuler D27/10
D809,191 S 1/2018 Li
D813,447 S 3/2018 Watson
D814,693 S 4/2018 Qiu
D818,636 S 5/2018 Qiu
D818,946 S 5/2018 Liu et al.
D819,263 S 5/2018 Zhu
9,961,940 B2 5/2018 Anderson, Jr. et al.
D819,880 S 6/2018 Qiu
D819,881 S 6/2018 Qiu
D819,882 S 6/2018 Qiu
9,986,764 B2 6/2018 Watson
D822,271 S 7/2018 Eksouzian
D822,896 S 7/2018 Durand
D823,536 S 7/2018 Lai
D824,093 S * 7/2018 Kauss D27/101
D824,094 S * 7/2018 Rein D27/141
D825,455 S 8/2018 Liu et al.
D825,839 S * 8/2018 Rhoades D27/162
D828,621 S 9/2018 Qiu
D828,622 S 9/2018 Chen et al.
D828,953 S 9/2018 Chen
D829,371 S * 9/2018 Durand D27/101
D831,270 S 10/2018 Qiu
D832,500 S 10/2018 Qiu
D832,501 S 10/2018 Qiu et al.
D832,504 S 10/2018 Qiu
D833,063 S 11/2018 Qiu
D834,246 S * 11/2018 Qiu D27/162
D834,744 S 11/2018 Zhu
10,130,122 B2 11/2018 Anderson, Jr.
D835,840 S 12/2018 Liu et al.
D836,831 S 12/2018 Cividi
D838,899 S 1/2019 Qiu
D842,535 S * 3/2019 Kauss D27/101
D844,235 S 3/2019 Cividi
D844,240 S * 3/2019 Kauss D27/194
D846,798 S 4/2019 Chen
D853,634 S 7/2019 Qiu et al.
D853,635 S 7/2019 Chen
D855,249 S 7/2019 Qiu
D855,251 S 7/2019 Qiu et al.
D857,290 S 8/2019 Crowe
D858,867 S 9/2019 Pan
D858,870 S 9/2019 Bowen et al.
D864,476 S 10/2019 Qiu
D865,276 S * 10/2019 Pino D27/162
D866,852 S 11/2019 Cividi
D869,085 S 12/2019 Campbell et al.
D870,373 S 12/2019 Greenbaum et al.
D870,374 S 12/2019 Greenbaum et al.
D871,666 S 12/2019 Qiu
D871,669 S 12/2019 Lee
D875,305 S 2/2020 Lai
D876,006 S 2/2020 Qiu et al.
2009/0283103 A1 11/2009 Nielsen et al.
2013/0068239 A1 ‡ 3/2013 Youn A24F 47/008
131/273
2014/0041655 A1 ‡ 2/2014 Barron A61M 11/042
128/202.21
2015/0034104 A1 2/2015 Zhou
2015/0150305 A1 6/2015 Shenkal
2016/0166786 A1 ‡ 6/2016 Kinzer A61M 11/041
128/200.14
2016/0331912 A1 11/2016 Trzeciecki
2018/0098568 A1 4/2018 Qiu
2018/0116281 A1 5/2018 Anderson, Jr.
2018/0153219 A1 6/2018 Verleur et al.
2019/0037926 A1 2/2019 Qiu
2019/0053542 A1 2/2019 Chen

FOREIGN PATENT DOCUMENTS

CN 303961976 12/2016
CN 303961987 12/2016
CN null-303961987 ‡ 12/2016

(56)

References Cited

OTHER PUBLICATIONS

<http://shop.vonerl.com/en/liquids/my.>, believed to be publicly available as early as Apr. 27, 2016.‡

United States Notice of Allowance issued in U.S. Appl. No. 29/572,798 dated Mar. 14, 2019.

United States Office Action for corresponding U.S. Appl. No. 29/572,798 dated Sep. 19, 2018.

United States Office Action for corresponding U.S. Appl. No. 29/572,800 dated Jul. 27, 2018.

United States Notice of Allowance issued in U.S. Appl. No. 29/572,800 dated Oct. 24, 2018.

<https://shop.vonerl.com/en/liquids/my.>, believed to be publicly available as early as Apr. 27, 2016.

Notice of Allowance dated Jul. 25, 2017 issued in U.S. Appl. No. 29/572,791.

Notice of Allowance dated Oct. 25, 2017 issued in U.S. Appl. No. 29/572,791.

Notice of Allowance dated Mar. 7, 2018 issued in U.S. Appl. No. 29/572,791.

Notice of Allowance dated Apr. 3, 2018 issued in U.S. Appl. No. 29/614,142.

United States Notice of Allowance for U.S. Appl. No. 29/681,321, dated Jul. 30, 2020.

U.S. Appl. No. 29/681,321, filed Feb. 25, 2019.

U.S. Appl. No. 29/572,798, filed Jul. 29, 2016.

United States Exparte Quayle Action for U.S. Appl. No. 29/681,321, dated Apr. 13, 2020.

U.S. Notice of Allowance dated Oct. 29, 2020 for corresponding U.S. Appl. No. 29/681,321.

* cited by examiner

‡ imported from a related application

FIG. 1

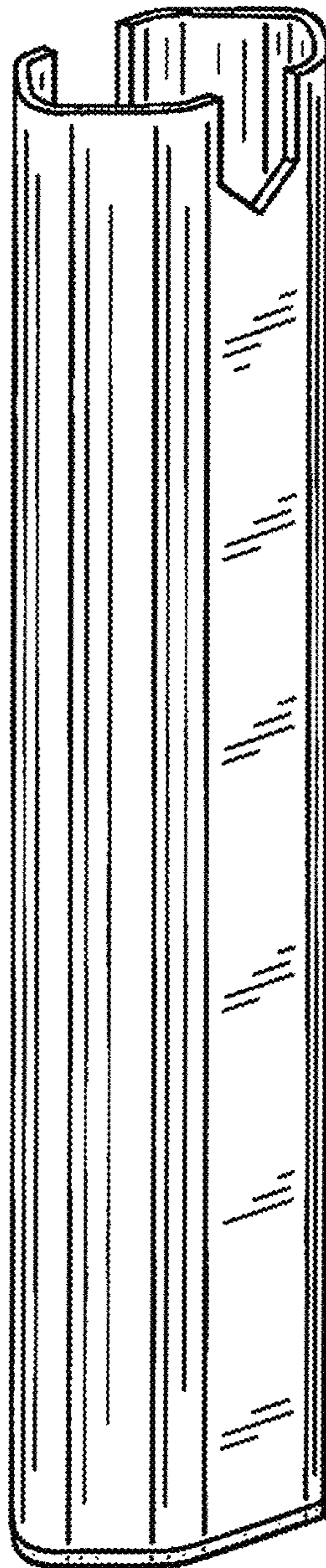


FIG. 2

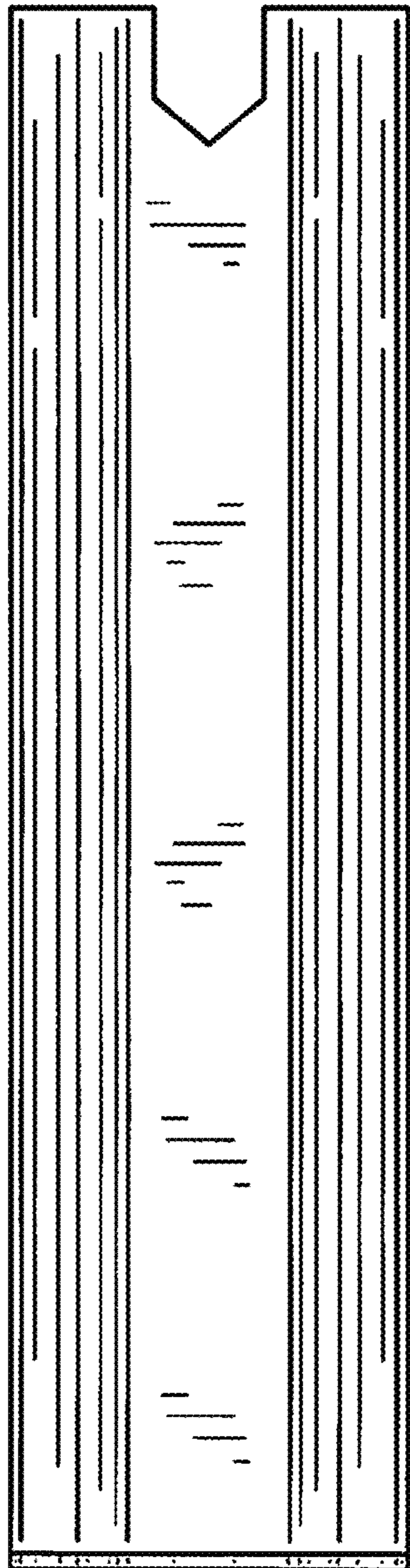


FIG. 3

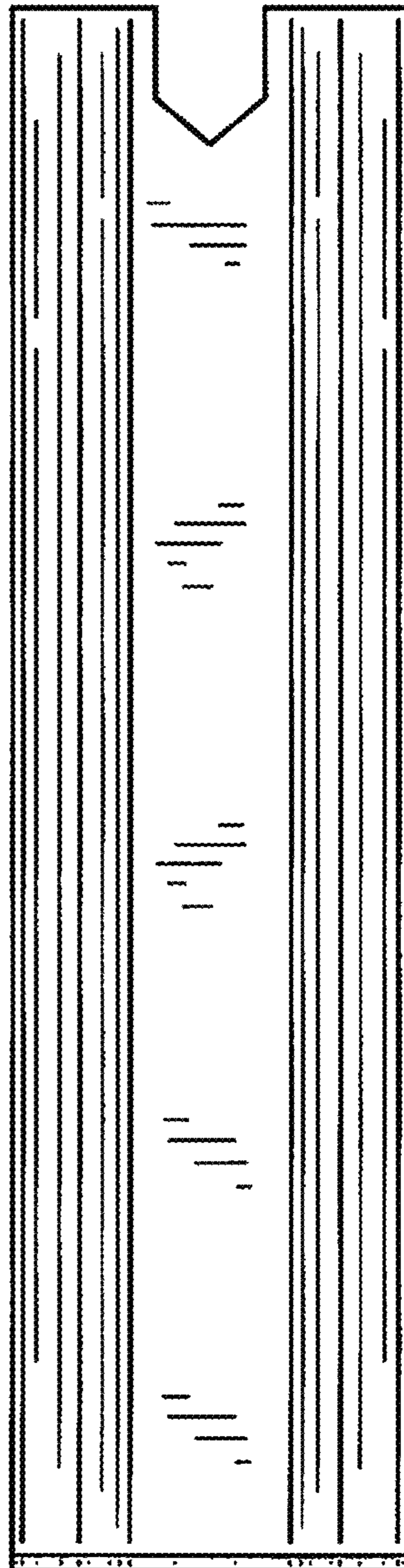


FIG. 4

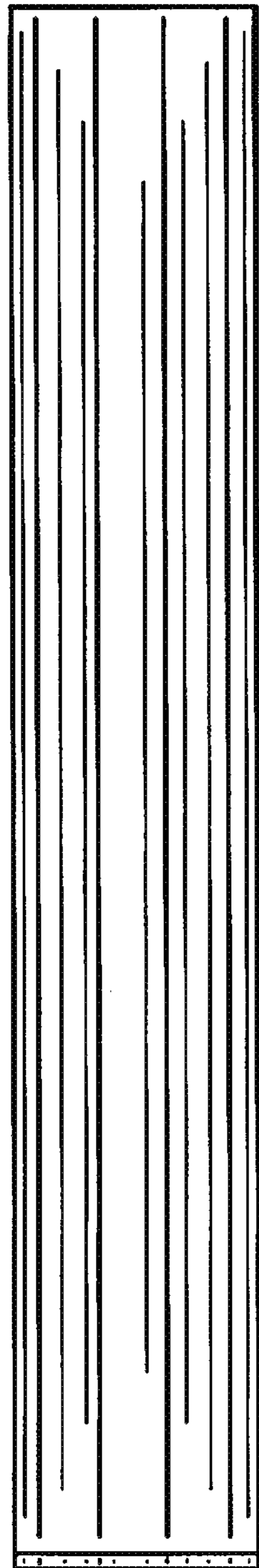


FIG. 5

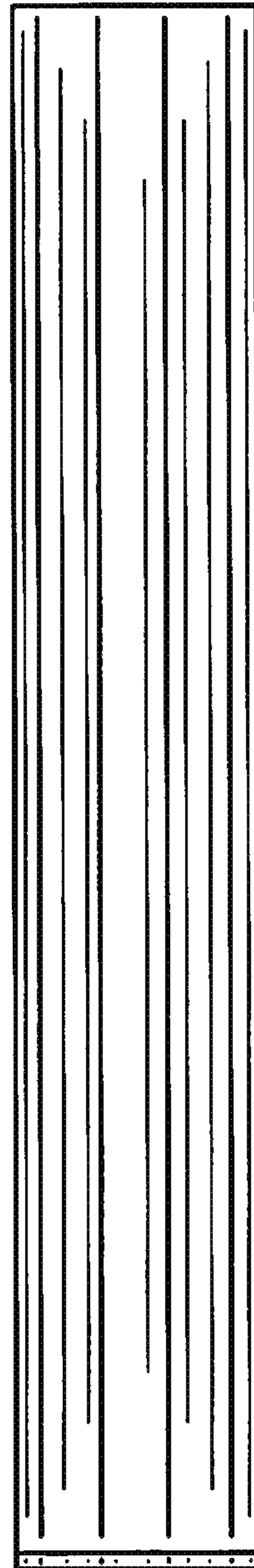


FIG. 6

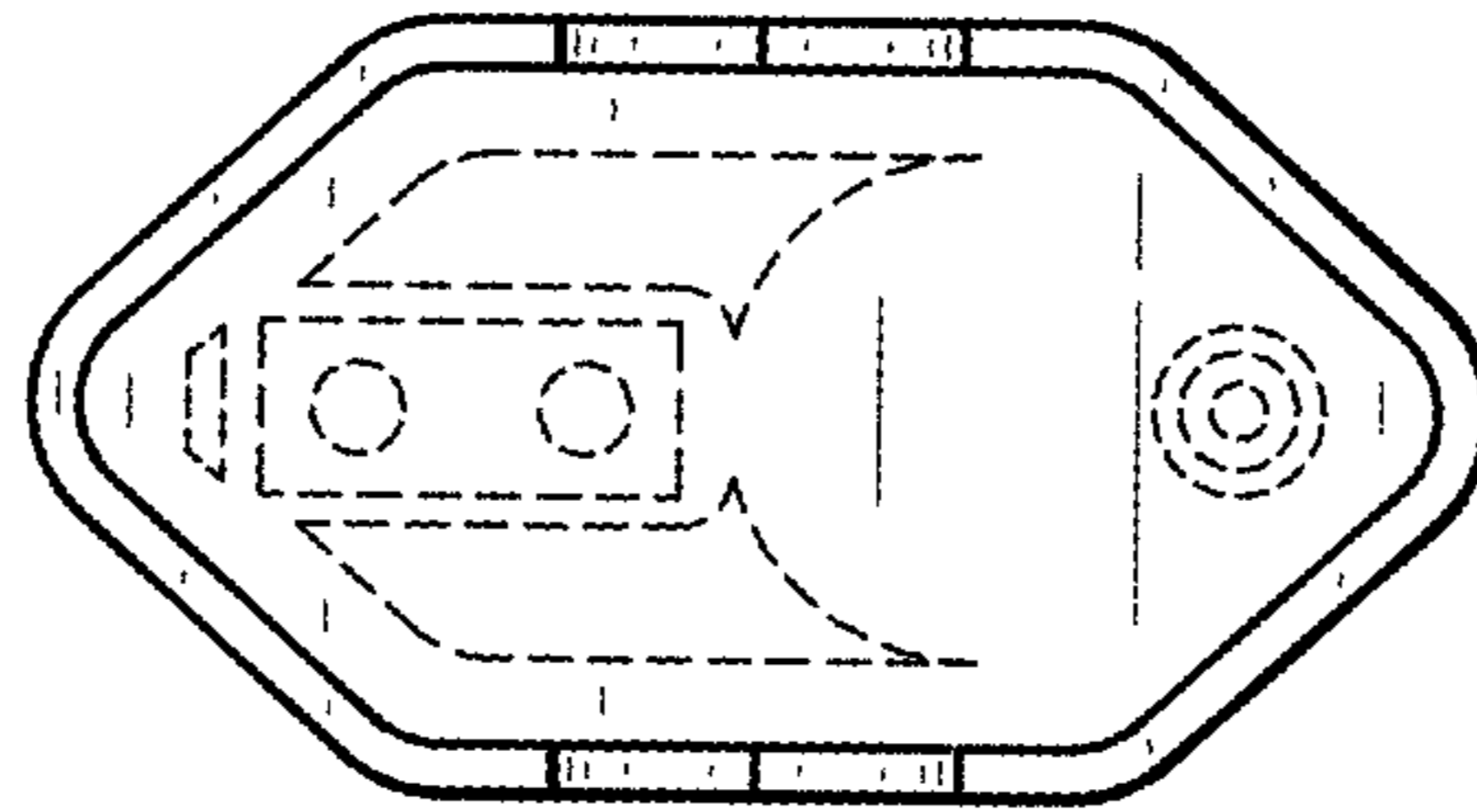


FIG. 7

