



US00D903937S

(12) **United States Design Patent** (10) **Patent No.:** **US D903,937 S**
Chimbuya et al. (45) **Date of Patent:** **** *Dec. 1, 2020**

(54) **VAPORIZER**

(71) Applicant: **Green Tank Technologies Corp.**,
Toronto (CA)

(72) Inventors: **Anthony Chimbuya**, Toronto (CA);
Dustin Koffler, Toronto (CA); **Josh Borodin**, Toronto (CA)

(73) Assignee: **Green Tank Technologies Corp.**,
Toronto (CA)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/695,223**

(22) Filed: **Jun. 17, 2019**

(30) **Foreign Application Priority Data**

Dec. 17, 2018 (CA) 185291

(51) **LOC (12) Cl.** **27-02**

(52) **U.S. Cl.**
USPC **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;
D11/26
CPC A24F 47/008; A24F 47/002; A24F 15/18;
A24F 47/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D177,602 S * 5/1956 Wang D27/163
D257,519 S * 11/1980 Plozner D27/154
D260,690 S 9/1981 Stutzer
D336,346 S 6/1993 Miller et al.

D532,927 S * 11/2006 Sann D27/101
D539,474 S 3/2007 Counts et al.
D555,284 S 11/2007 Fath
D725,310 S * 3/2015 Eksouzian D27/101
8,991,402 B2 3/2015 Bowen et al.
D742,063 S * 10/2015 Recio D27/141
D744,419 S 12/2015 Bowen et al.
9,215,895 B2 12/2015 Bowen et al.
D752,284 S * 3/2016 Doster D27/189
D759,303 S * 6/2016 Afridi D27/101
D762,003 S * 7/2016 Lomeli D27/163
9,408,416 B2 8/2016 Monsees et al.

(Continued)

OTHER PUBLICATIONS

OVNS Brick Pod System by MyVaporStore. earliest review dated Jun. 15, 2018. found online [Feb. 27, 2020] <https://www.myvaporstore.com/OVNS-Brick-p/ovn-brk10.htm>.*

(Continued)

Primary Examiner — Marissa J Cash

(74) Attorney, Agent, or Firm — Banner & Witcoff, Ltd.

(57) **CLAIM**

The ornamental design for a vaporizer, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a vaporizer showing our new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a right side view thereof;

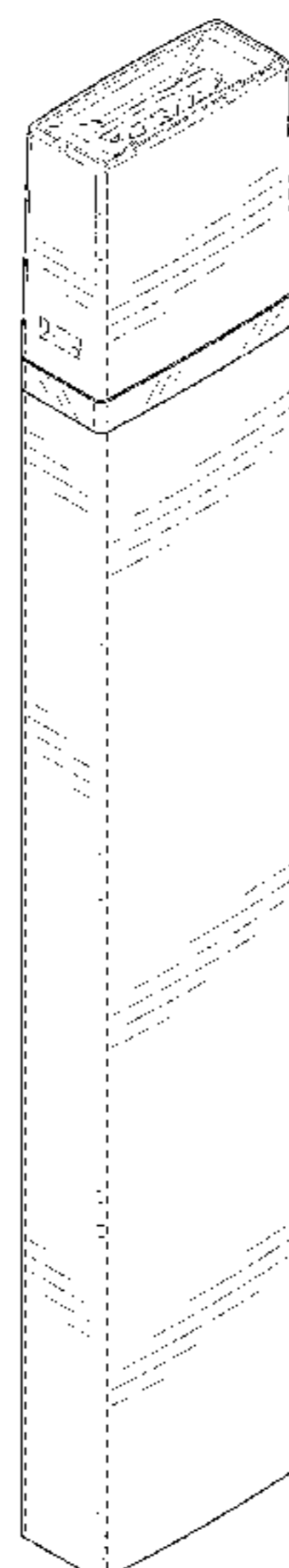
FIG. 6 is a rear view thereof;

FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

The dash-dot-dash broken lines in the drawings represent portions of the vaporizer that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D766,873 S * 9/2016 Washio D14/214
 D768,920 S * 10/2016 Jones D27/189
 D776,338 S * 1/2017 Lomeli D27/163
 9,549,573 B2 1/2017 Monsees et al.
 D779,719 S * 2/2017 Qiu D27/101
 D786,497 S * 5/2017 Sudlow D27/162
 D790,126 S * 6/2017 Bennett D27/101
 D792,643 S * 7/2017 Wong D27/101
 D799,110 S * 10/2017 Qiu D27/101
 D799,744 S * 10/2017 Qiu D27/101
 D800,379 S * 10/2017 Fang D27/139
 D819,881 S * 6/2018 Qiu D27/101
 D822,271 S * 7/2018 Eksouzian D27/101
 D822,896 S * 7/2018 Durand D27/101
 D824,093 S * 7/2018 Kauss D27/101
 D825,102 S 8/2018 Bowen et al.
 D825,834 S * 8/2018 Chen D27/101
 D827,195 S 8/2018 Chen
 10,045,567 B2 * 8/2018 Monsees H05B 1/0244
 10,045,568 B2 8/2018 Monsees et al.
 10,058,124 B2 8/2018 Monsees et al.
 10,058,129 B2 8/2018 Monsees et al.
 10,058,130 B2 8/2018 Monsees et al.
 D829,371 S 9/2018 Durand
 10,070,669 B2 9/2018 Monsees et al.
 10,076,139 B2 9/2018 Monsees et al.
 D829,980 S * 10/2018 Qiu D27/162
 D832,499 S * 10/2018 Qiu D27/162
 D832,500 S * 10/2018 Qiu D27/162
 10,104,915 B2 10/2018 Bowen et al.
 10,111,470 B2 10/2018 Monsees et al.
 D834,246 S * 11/2018 Qiu D27/162
 D836,541 S 12/2018 Lomeli
 D836,831 S 12/2018 Cividi
 D837,446 S * 1/2019 Durand D27/101
 D842,535 S * 3/2019 Kauss D27/101
 D842,536 S 3/2019 Bowen et al.
 D843,644 S * 3/2019 Qiu D27/101
 D844,229 S * 3/2019 Sherwood D27/162
 10,231,486 B2 * 3/2019 Bowen A63F 9/001
 D846,186 S * 4/2019 Singh D27/142
 D848,057 S 5/2019 Lomeli
 D849,996 S 5/2019 Duque et al.
 D851,830 S 6/2019 Lomeli et al.
 D854,238 S 7/2019 Gould
 D855,876 S * 8/2019 Martin D27/141
 D856,575 S * 8/2019 Folkerts D27/162
 D858,869 S 9/2019 Bowen et al.
 D858,870 S 9/2019 Bowen et al.
 D858,872 S 9/2019 White et al.
 D859,735 S * 9/2019 Qiu D27/162
 D860,519 S * 9/2019 Cividi D27/162
 D860,520 S * 9/2019 Cividi D27/162
 D860,523 S 9/2019 Cheung et al.
 D861,239 S * 9/2019 Chen D27/101
 10,405,582 B2 * 9/2019 Hatton A24F 47/008
 D861,973 S * 10/2019 Qiu D27/101
 D861,975 S 10/2019 Bowen et al.
 D863,665 S * 10/2019 Huang D27/101
 D863,670 S * 10/2019 He D27/162
 D863,674 S * 10/2019 Chang D27/162
 D864,474 S 10/2019 Smith
 D865,276 S * 10/2019 Pino D27/162
 D866,852 S 11/2019 Cividi
 D868,360 S * 11/2019 Stone D27/101
 D868,361 S * 11/2019 Stone D27/101
 D869,085 S * 12/2019 Campbell D27/162

D869,753 S * 12/2019 Yang D27/163
 D870,368 S 12/2019 Leon Duque et al.
 D870,369 S * 12/2019 Greenbaum D27/162
 D870,370 S * 12/2019 Greenbaum D27/162
 D870,372 S * 12/2019 Zhu D27/167
 D870,959 S 12/2019 Leon Duque et al.
 D870,963 S 12/2019 White et al.
 D870,964 S * 12/2019 Lee D27/194
 D871,663 S * 12/2019 Lord D27/101
 D871,668 S * 12/2019 Lee D27/194
 10,517,331 B2 * 12/2019 Atkins F22B 1/284
 D872,355 S * 1/2020 Powell D27/141
 2018/0043114 A1 * 2/2018 Bowen A61M 15/003
 2018/0098571 A1 * 4/2018 Watson A24F 7/02
 2018/0279682 A1 * 10/2018 Guo A24F 47/008
 2019/0029319 A1 * 1/2019 Moorman A24F 9/02
 2019/0116881 A1 * 4/2019 Sherwood A24F 47/008

OTHER PUBLICATIONS

U.S. Appl. No. 15/813,096, filed Nov. 14, 2017 entitled Vaporization Device System and Methods.
 U.S. Appl. No. 15/815,645, filed Nov. 16, 2017 entitled Vaporization Device Systems and Methods.
 U.S. Appl. No. 15/815,643, filed Nov. 16, 2017 entitled Cartridge for Use With a Vaporizer Device.
 U.S. Appl. No. 15/257,748, filed Sep. 6, 2016, entitled Cartridge for Use With a Vaporizer Device.
<https://uncrate.com/ploom-pax-vaporizer/>, Ploom Pax Vaporizer, Uncrate.com, Date unknown but prior to the filing of the present application.
<https://www.vaporpuffs.com/product/cloudv-classic-vaporizer-black-2/>, CloudV Classic Vaporizer—Black, Vaporpuffs.com. Date unknown but prior to the filing of the present application.
<https://blog.vapefuse.com/new-arizer-portable-vape/>, Which New Arizer Portable Vape is for You?, Mar. 8, 2018.
<https://www.vaporizer-review.com/firefly-vaporizer-review>, Firefly Vaporizer Review, by Chuck Shweig, Vaporizer Review. Date unknown but prior to the filing of the present application.
<https://www.thecannabist.co/2016/03/01/firefly-2-review-portable-vaporizer-flower-vape-hash-oils/49229/>, Firefly 2 vape redesign is simply stunning (review), Mar. 1, 2016.
<https://www.vaporpuffs.com/product/kandypens-rubi-vaporizer/>, KandyPens Rubi Vaporizer. Date unknown but prior to the filing of the present application.
<https://www.vapeshack.com/blog/phix-vs-juul/>, Phix vs Juul—Which should you choose?, Nov. 10, 2017.
<https://vapedrive.com/smok-fit-kit>, SMOK Fit Kit, vapedrive.com. Date unknown but prior to the filing of the present application.
https://www.420vapeswholesale.com/mr-bald-alva-flat-oil-pod-cartridge-vape-pen_p0033.html, Mr. Bald Alva flat oil rape pen, www.420vapeswholesale.com. Date unknown but prior to the filing of the present application.
<https://www.gotvape.com/cora-liquid-and-oil-concentrate-vaporizer-by-vape-dynamics.html>, Cora Eliquid and Oil concentrate Vaporizer by Vape Dynamics; www.gotvape.com
<http://www.gotvape.com>. Date unknown but prior to the filing of the present application.
<https://www.retail-insight-network.com/comment/e-cig-juul-regulatory-pressure/>, Could e-cig innovation save Juul from egulatory pressure?, Nov. 14, 2018; www.retail-insight-network.com/ <http://www.retail-insight-network.com/>.
<https://slate.com/technology/2014/07/vaporizers-how-the-new-high-tech-devices-are-changing-marijuana-culture.html>, 4 High-Tech High: How the rise of the vaporizer is changing pot culture.; by Seth Stevenson; Jul. 2, 2004 slate.com.

* cited by examiner

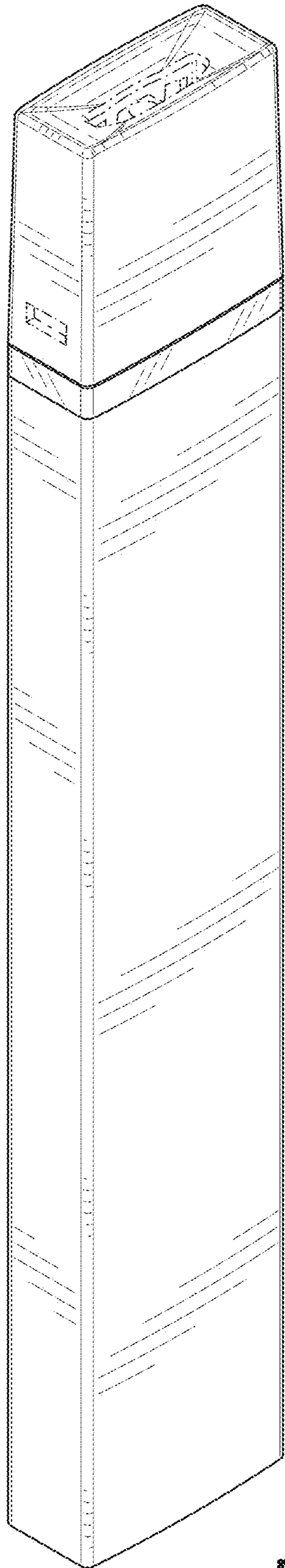


FIG. 1

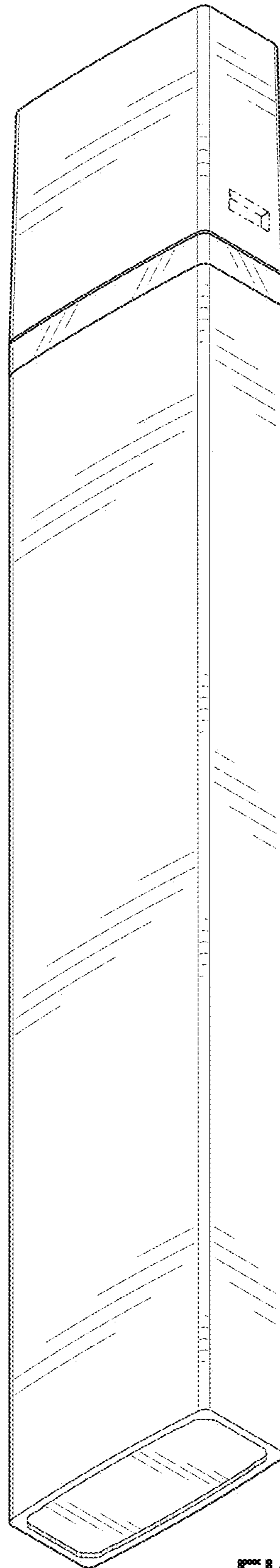


FIG. 2

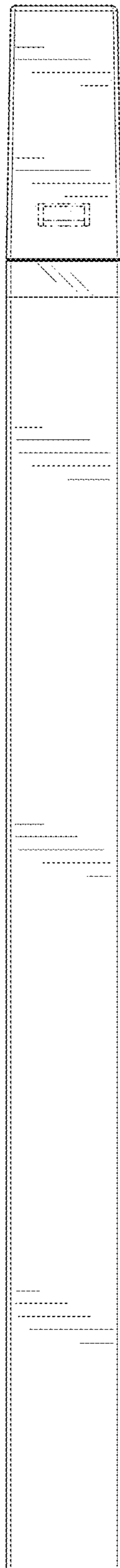


FIG. 3

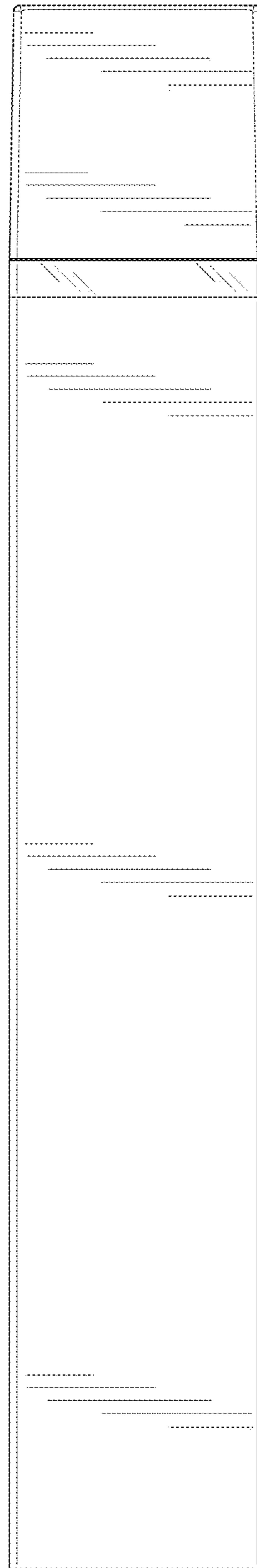


FIG. 4

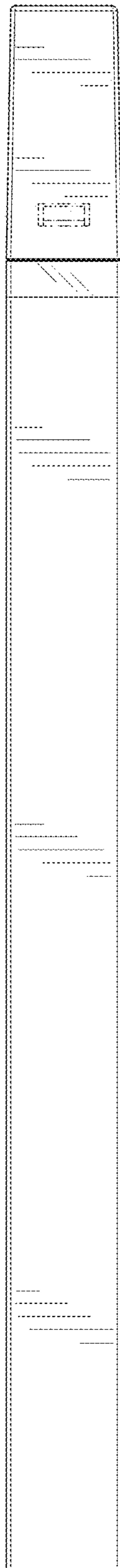


FIG. 5

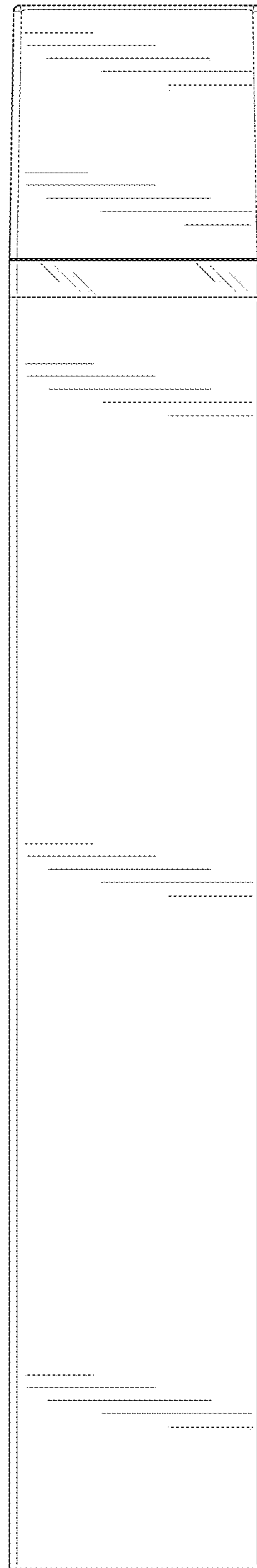


FIG. 6

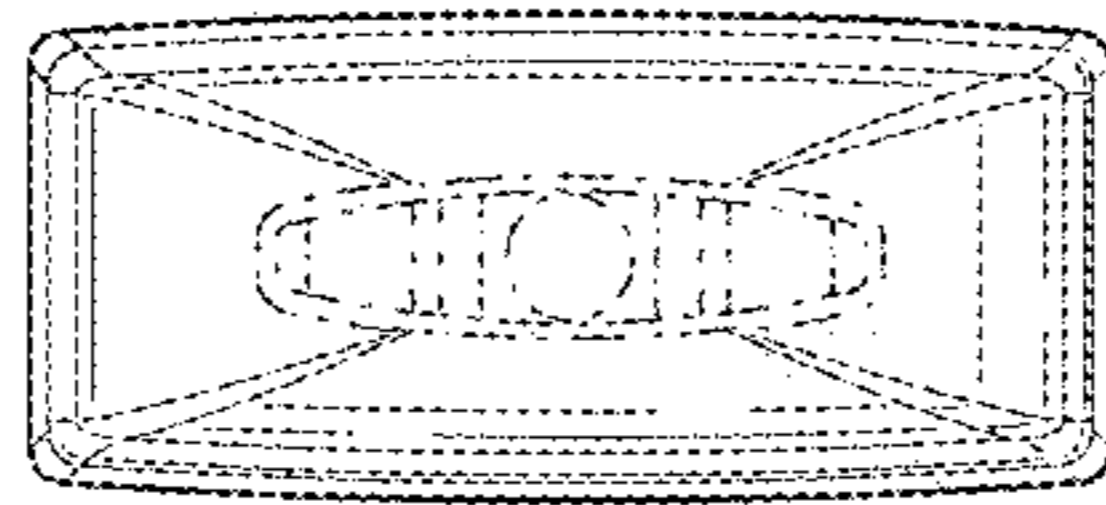


FIG. 7

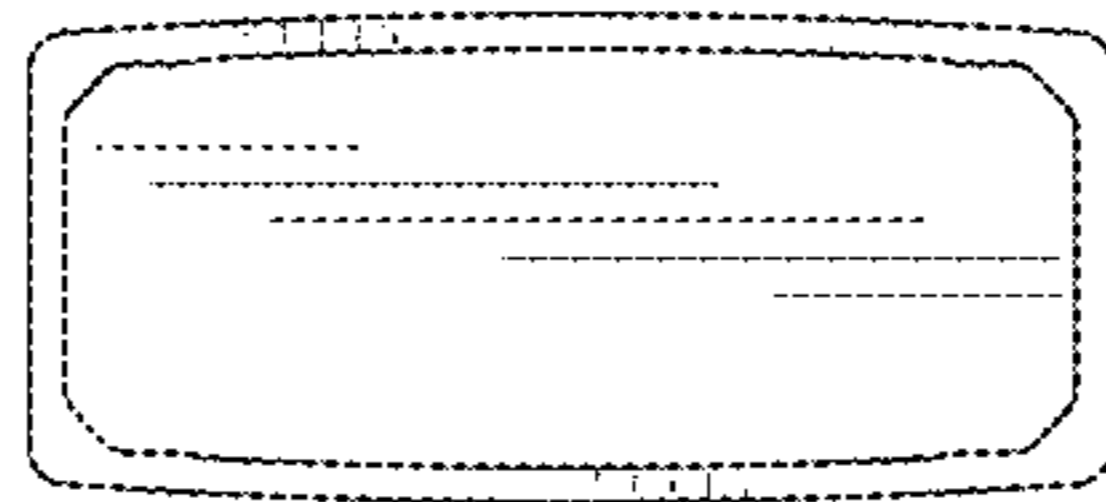


FIG. 8