



US00D948781S

(12) **United States Design Patent** (10) **Patent No.:** **US D948,781 S**  
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(54) **ELECTRONIC CIGARETTE**

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(72) Inventor: **Tuanfang Liu**, Shenzhen (CN)

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

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(52) **U.S. Cl.**

USPC ..... **D27/162**

(58) **Field of Classification Search**

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D27/193, 194, 196; D23/360, 362;  
D24/110, 110.4, 110.5, 110.6, 113

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A24F 40/60; A24F 40/90; A24F 40/53;  
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A24F 40/465; A24F 47/006; A24F 7/02;  
A24F 13/00; A24F 15/01; A24F 15/12;  
A24F 15/14; A24F 15/18; A24F 40/85;  
A24F 42/00; A24F 42/10; A24F 42/20;  
A24F

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

539,839 A \* 5/1895 Voron ..... A24D 1/042  
131/361  
D645,817 S \* 9/2011 Sasada ..... D13/108  
(Continued)

FOREIGN PATENT DOCUMENTS

CN 201830545145.9 \* 1/2019  
CN 201930562298.9 \* 4/2020  
CN 202030487520.6 \* 2/2021

OTHER PUBLICATIONS

Herb-e 7. By MigVapor. Dated Apr. 8, 2019. Found online [Mar. 22, 2021]. <https://vimeo.com/329247990> (Year: 2019).\*  
(Continued)

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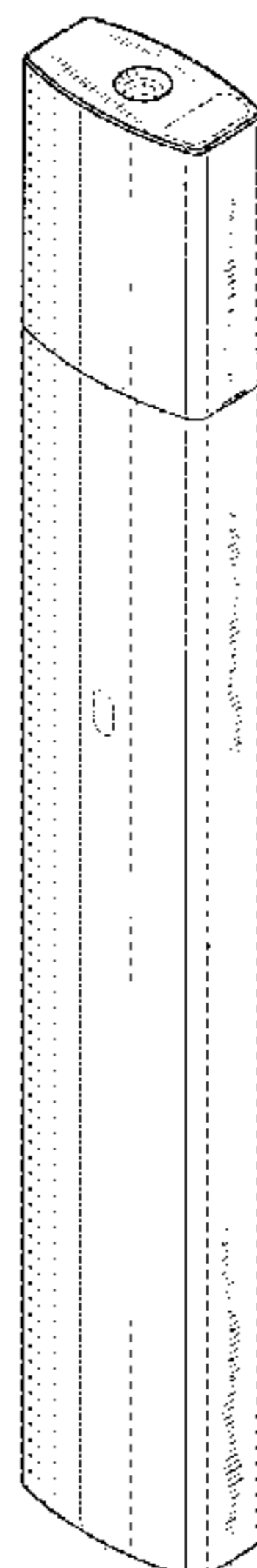
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front elevation view of an electronic cigarette; FIG. 2 is a rear elevation view thereof; FIG. 3 is a left-side elevation view thereof; FIG. 4 is a right-side elevation view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a perspective view thereof; and, FIG. 8 is a bottom perspective view thereof. The broken lines in the drawings depict portions of the electronic cigarette that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

CPC .... 7/00; A61M 11/005; A61M 11/042; A61M 11/041; A61M 15/06; A61M 2205/8206; A61M 15/0021; A61M 15/025; A61M 11/001; A61M 11/02; A61M 2016/0021; A61M 2202/064; A61M 11/00; A61M 15/0085; A61M 15/009; A61M 15/00; A61M 15/0086; A61M 11/06; A61M 15/0018; A61M 2205/3569; A61M 2205/52; A61M 2205/6045; A61M 2205/6054; A61M 2205/6072; A61M 2205/70; A61M 2205/8262; A61M 2206/14; A61M 2206/16; A61M 2206/18; A61M 2207/00; A61M 2209/082; A61M 11/04; A61M 11/044; A61M 15/0001; A61M 15/0008; A61M 15/0016; A61M 15/0036; A61M 15/0041; A61M 15/0043; A61M 15/0045; A61M 15/0048; A61M 15/0066; A61M 15/02; A61M 16/0066; A61M 16/0627; A61M 16/147; A61M 16/201; A61M 2016/0015; A61M 2202/062; A61M 2205/075; A61M 2205/123; A61M 2205/128; A61M 2205/21; A61M 2205/273; A61M 2205/276; A61M 2205/3306; A61M 2205/3372; A61M 2205/583; A61M 2205/75; A61M 2205/7545; A61M 2205/8237; A61M 2205/8268; A61M 2205/84; A61M 2209/06; A61M 2209/10; A61M 2210/0612; A61M 2210/0618; A61M 2210/1039; A61M 2250/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

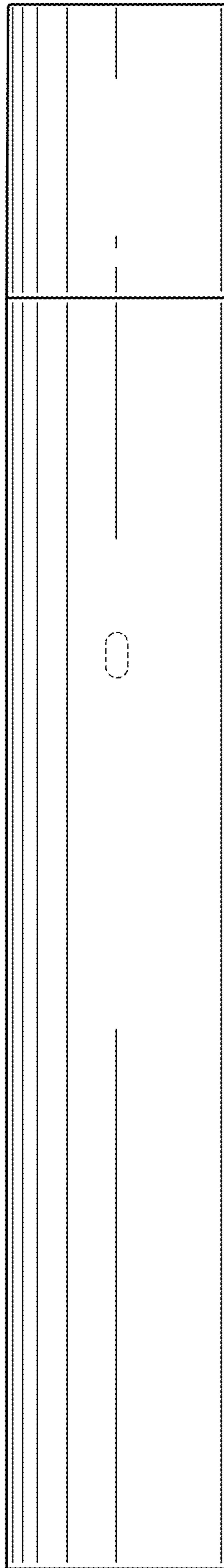
D766,873 S \* 9/2016 Washio ..... D14/214  
 D779,719 S \* 2/2017 Qiu ..... D27/101

D799,110 S \* 10/2017 Qiu ..... D27/101  
 D799,112 S \* 10/2017 Qiu ..... D27/101  
 D799,113 S \* 10/2017 Qiu ..... D27/101  
 D818,636 S \* 5/2018 Qiu ..... D27/101  
 D825,102 S \* 8/2018 Bowen ..... D27/167  
 D829,371 S \* 9/2018 Durand ..... D27/101  
 D832,500 S \* 10/2018 Qiu ..... D27/162  
 D837,446 S \* 1/2019 Durand ..... D27/101  
 D843,644 S \* 3/2019 Qiu ..... D27/101  
 D855,251 S \* 7/2019 Qiu ..... D27/162  
 D861,975 S \* 10/2019 Bowen ..... D27/162  
 D863,665 S \* 10/2019 Huang ..... D27/101  
 D866,852 S \* 11/2019 Cividi ..... D27/101  
 D870,959 S \* 12/2019 Leon Duque ..... D27/162  
 D875,306 S \* 2/2020 Pan ..... D27/167  
 D877,971 S \* 3/2020 Bowen ..... D27/101  
 D885,654 S \* 5/2020 Ding ..... D27/162  
 10,721,973 B1 \* 7/2020 Hermiz ..... H05B 3/06  
 D895,197 S \* 9/2020 Cheung ..... D27/101  
 D902,474 S \* 11/2020 Chen ..... D27/101  
 D903,937 S \* 12/2020 Chimbuya ..... D27/162  
 D903,938 S \* 12/2020 Chimbuya ..... D27/162  
 D910,910 S \* 2/2021 Yang ..... D27/162  
 D929,036 S \* 8/2021 Leon Duque ..... D27/194  
 D930,895 S \* 9/2021 Fornarelli ..... D27/162  
 2020/0245680 A1 \* 8/2020 Williams ..... A24F 40/51  
 2021/0007407 A1 \* 1/2021 Czapar ..... A24F 40/65

OTHER PUBLICATIONS

Flow Pod. By Matt From SMM. Dated Jan. 17, 2019. Found online  
 [Mar. 22, 2021]. <https://www.youtube.com/watch?v=4Z2wmt9rABg>  
 (Year: 2019).\*

\* cited by examiner



**FIG. 1**

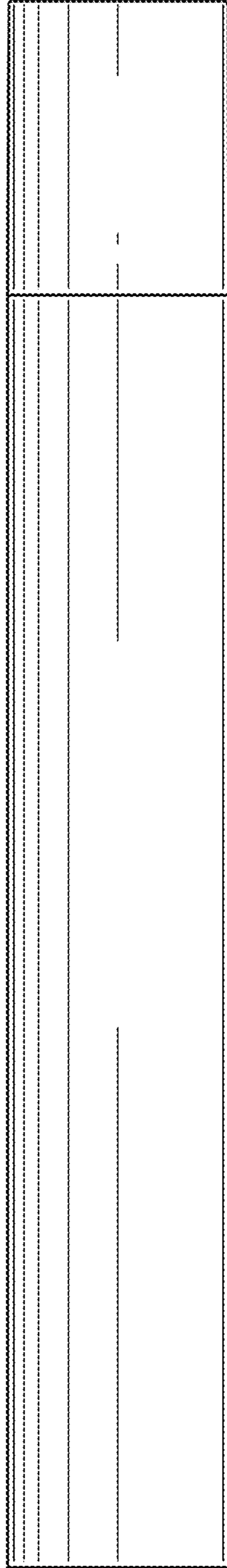


FIG. 2

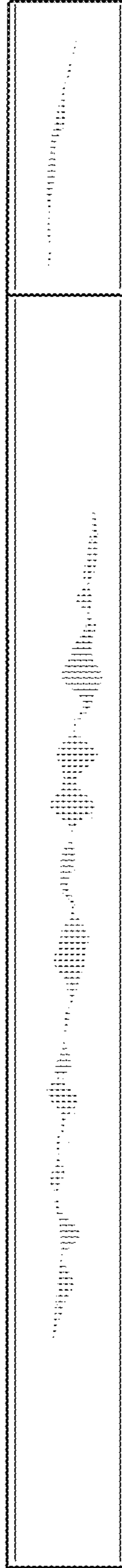


FIG. 3

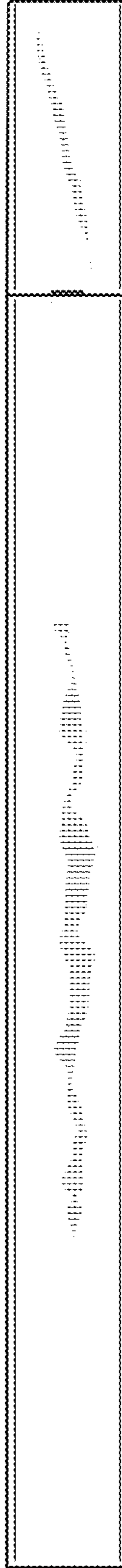
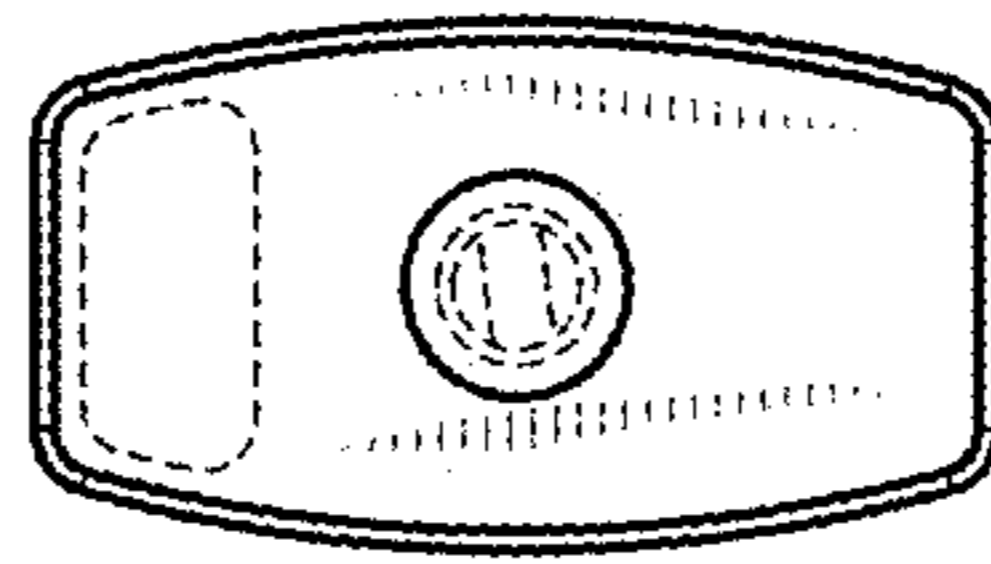
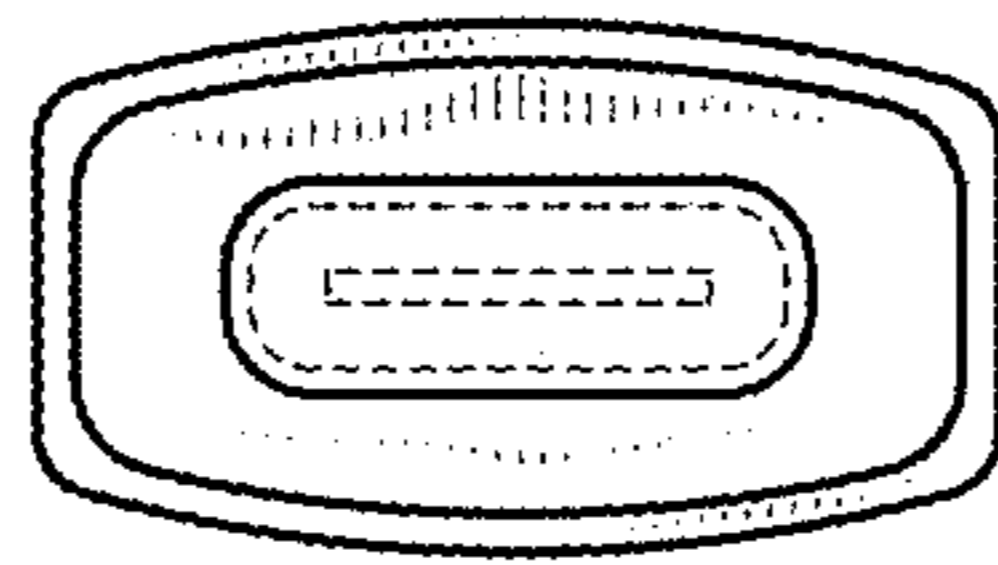


FIG. 4

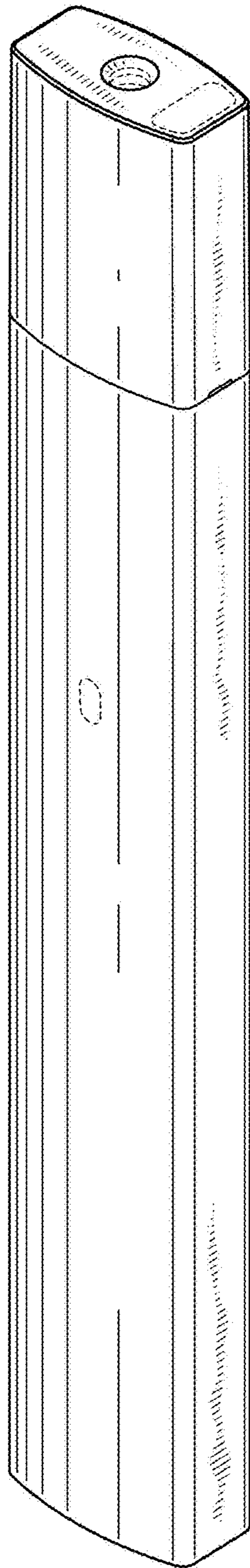


**FIG. 5**

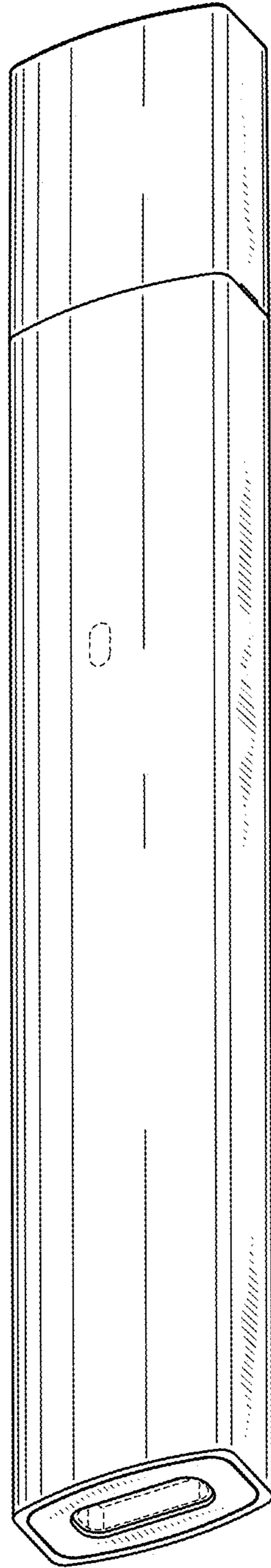


**FIG. 6**





**FIG. 7**



**FIG. 8**