



US00D930231S

(12) **United States Design Patent** (10) **Patent No.:** **US D930,231 S**  
**Liu** (45) **Date of Patent:** **\*\* Sep. 7, 2021**

(54) **ELECTRONIC CIGARETTE**

(71) Applicant: **Tuanfang Liu**, Shenzhen (CN)

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

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

(21) Appl. No.: **29/702,976**

(22) Filed: **Aug. 22, 2019**

(30) **Foreign Application Priority Data**

Feb. 25, 2019 (CN) ..... 201930074295.0

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

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

(58) **Field of Classification Search**  
USPC ..... D27/100, 101, 162, 163, 164, 165, 166,  
D27/167, 168, 169, 183, 184, 185;  
D24/110

CPC ..... A24F 47/008; A24F 40/10; A24F 40/42;  
A24F 40/51; A24F 47/00; A24F 40/40;  
A24F 40/46; A24F 40/50; A24F 40/60;  
A24F 40/53; A24F 40/90; A24F 40/20;  
A24F 40/485; A24F 40/57; A24F 40/65;  
A24F 40/44; A24F 47/002; A24F 40/48;  
A24F 40/70; A24F 13/00; A24F 40/30;  
A24F 40/95; A24F 42/60; A24F 7/00;  
A24F 40/465; A24F 42/10; A24F 42/20;  
A24F 1/00; A24F 1/32; A24F 40/00;  
A24F 40/05; A24F 42/00; A24F 47/004;  
A24F 47/006; A24F 7/02; A61M 11/042;  
A61M 15/06; A61M 2205/8206; A61M  
11/005; A61M 2202/064; A61M  
2205/3653; A61M 2205/50; A61M  
15/0001; A61M 15/003; A61M 15/009;  
A61M 16/0003; A61M 2016/0027; A61M  
11/044; A61M 15/0021; A61M 15/0041;  
A61M 15/0065; A61M 15/0085; A61M  
2016/0024; A61M 2202/0007; A61M  
2205/3334; A61M 2205/584; A61M  
2205/587; A61M

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D733,356 S \* 6/2015 Leidel ..... D27/163  
D790,455 S \* 6/2017 McGarry ..... D13/107

(Continued)

FOREIGN PATENT DOCUMENTS

EM 007447883-0001 \* 1/2020

OTHER PUBLICATIONS

OS Pod System, first available Dec. 6, 2017, vaping.com, [online]  
[site visited Oct. 19, 2020], Available from internet URL:https:  
https://vaping.com/smpo-os-pod-starter-kit (Year: 2017).\*

(Continued)

*Primary Examiner* — Marissa J Cash  
*Assistant Examiner* — William B Melliar  
(74) *Attorney, Agent, or Firm* — Matthias Scholl P.C.;  
Matthias Scholl

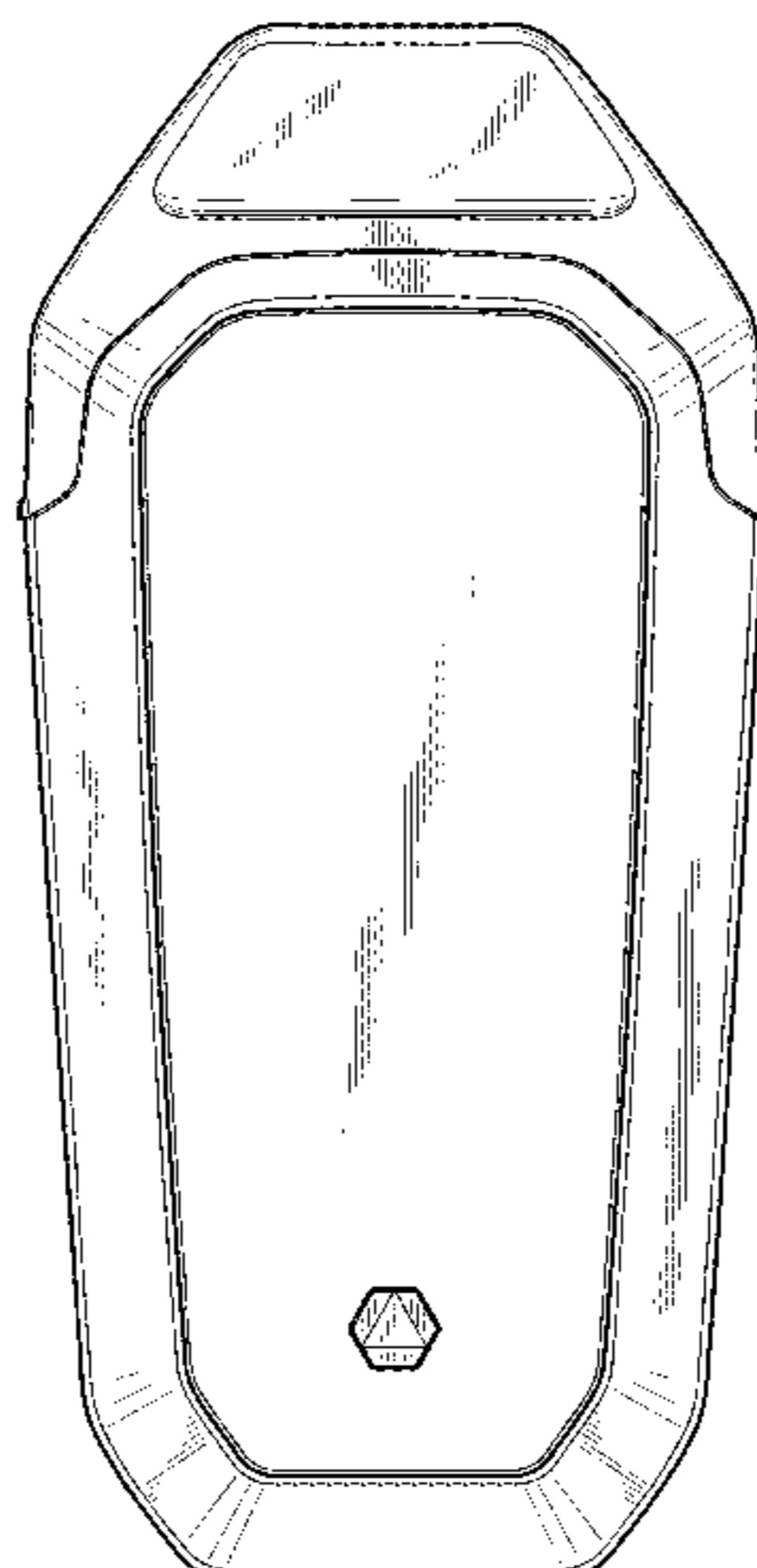
(57) **CLAIM**

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; and,  
FIG. 7 is a 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, 7 Drawing Sheets**



**(58) Field of Classification Search**

CPC .... 2205/8256; A61M 2206/16; A61M 11/003;  
 A61M 11/047; A61M 11/06; A61M  
 15/0003; A61M 15/0028; A61M 15/0035;  
 A61M 15/004; A61M 2016/0015; A61M  
 2016/003; A61M 2021/0016; A61M  
 2037/0023; A61M 2037/0061; A61M  
 21/00; A61M 21/02; A61M 2205/0211;  
 A61M 2205/273; A61M 2205/3317;  
 A61M 2205/3331; A61M 2205/3368;  
 A61M 2205/3379; A61M 2205/3561;  
 A61M 2205/502; A61M 2205/52; A61M  
 2205/581; A61M 2205/582; A61M  
 2205/75; A61M 2205/8243; A61M  
 37/0015; A24B 15/167; A24B 15/16;  
 A24B 13/00; A24B 15/00; A24B 15/10;  
 A24B 15/14; A24B 15/165; A24B  
 15/186; A24B 15/20; A24B 15/243; A24B  
 15/245; A24B 15/283; A24B 15/284;  
 A24B 15/286; A24B 15/30; A24B 15/32;  
 A24B 15/34; A24B 15/403; A24D 1/20;  
 A24D 1/002; A24D 1/14; A24D 3/048;  
 A24D 1/025; A24D 1/045; A24D 3/04;  
 A24D 3/061; A24D 3/14; A24D 3/17

See application file for complete search history.

**(56)**

**References Cited**

U.S. PATENT DOCUMENTS

D802,206	S	*	11/2017	Huang	.....	D27/101
D820,514	S	*	6/2018	Durand	.....	D27/162
D863,673	S	*	10/2019	Lai	.....	D27/162
D864,471	S	*	10/2019	Cheng	.....	D27/101
D864,859	S	*	10/2019	Qiu	.....	D13/108
D902,475	S	*	11/2020	Liu	.....	D27/162
2020/0315264	A1	*	10/2020	Liu	.....	A24F 40/10

OTHER PUBLICATIONS

Aspire AVP Pod Vape Review, first available Apr. 9, 2019, youtube.com, [online] [site visited Oct. 19, 2020], Available from internet URL: [https://www.youtube.com/watch?v=gD\\_AKjpo67c](https://www.youtube.com/watch?v=gD_AKjpo67c) (Year: 2019).\*

Aspire AVP Pro Review. By Danielle, Versed Vaper. Dated Feb. 20, 2020. Found online [May 29, 2021]. <https://versedvaper.com/aspire-avp-pro-review/> (Year: 2020).\*

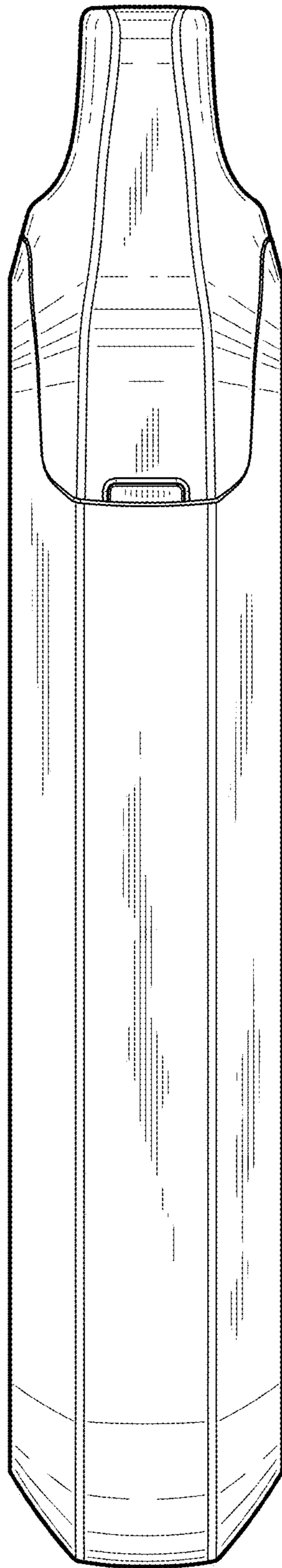
\* cited by examiner



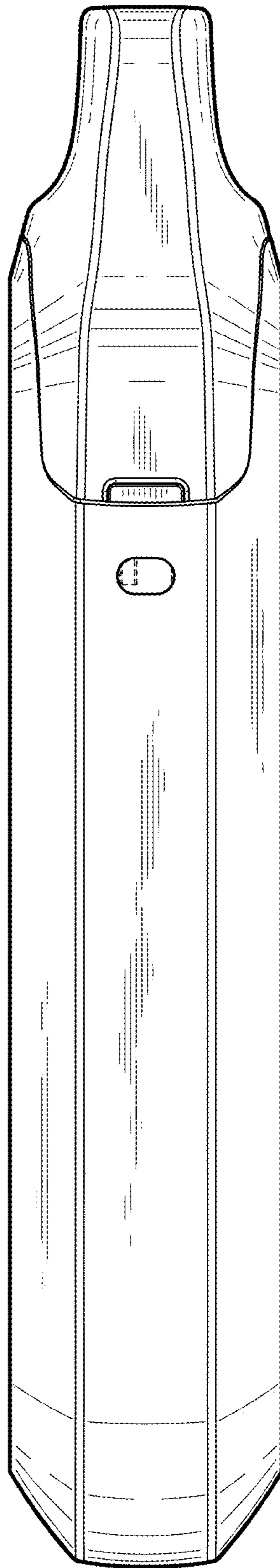
FIG. 1



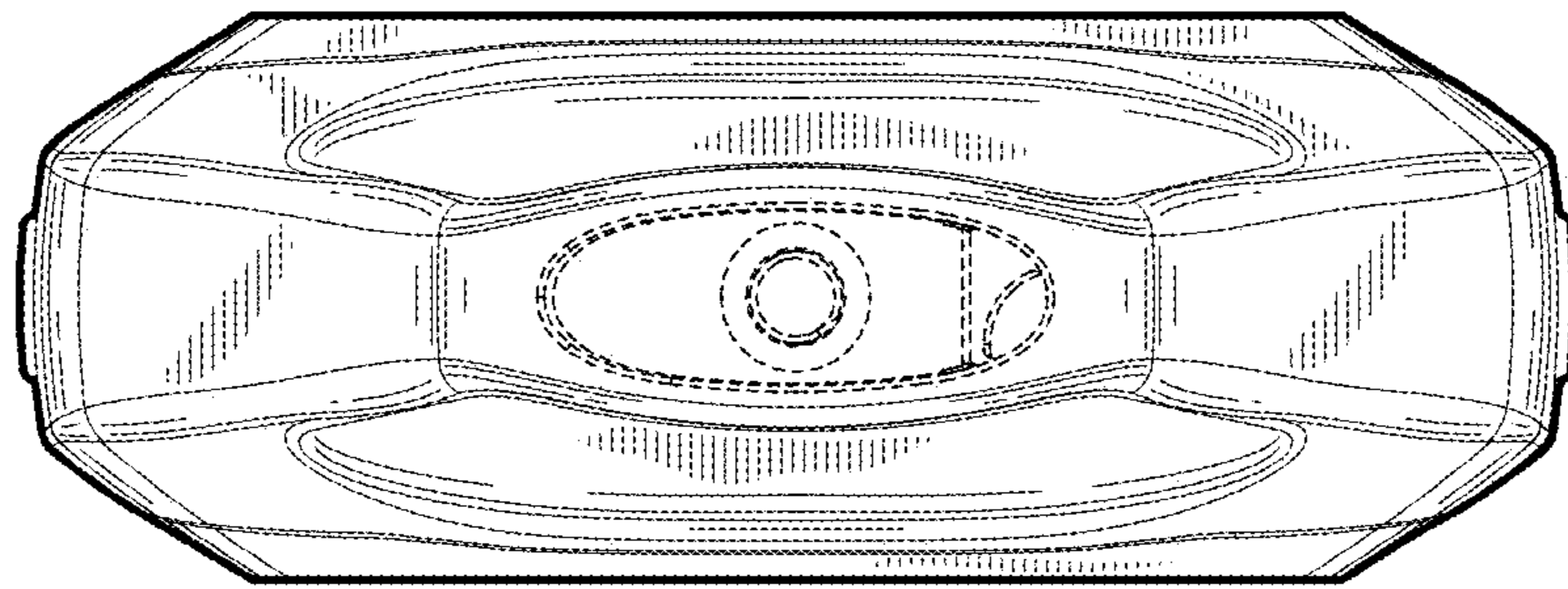
FIG. 2



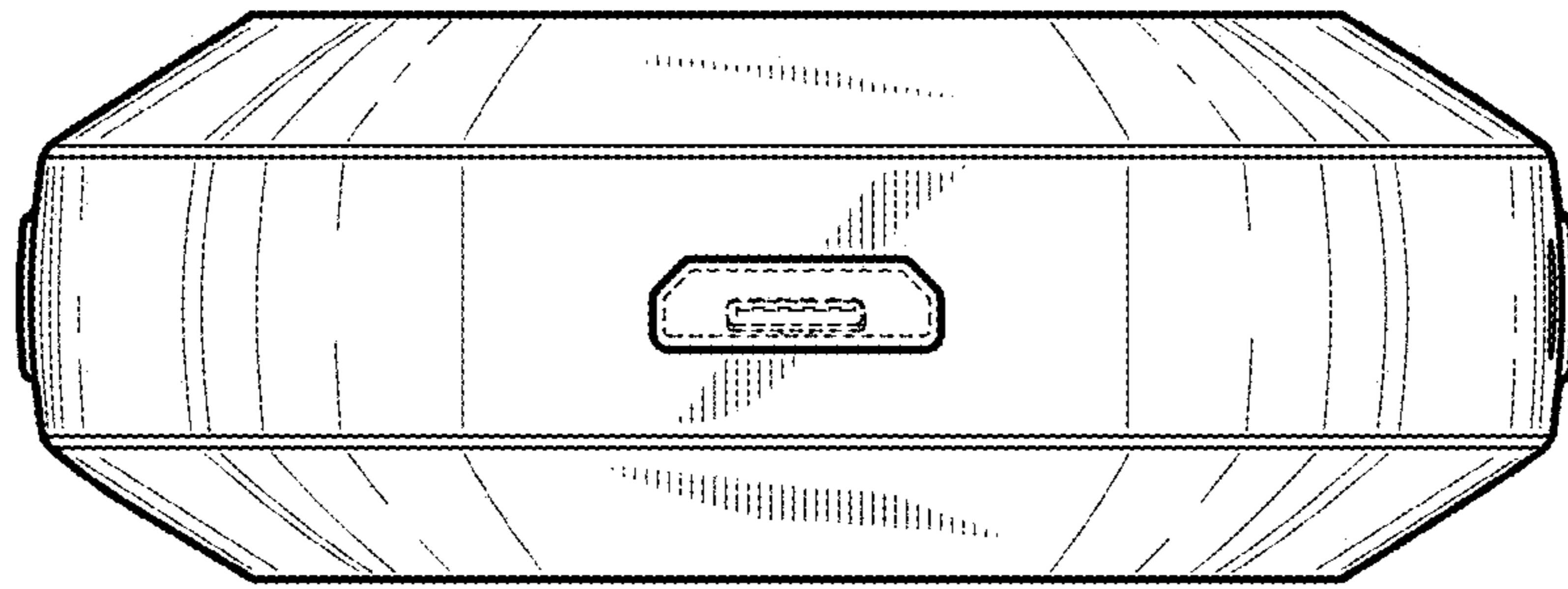
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**



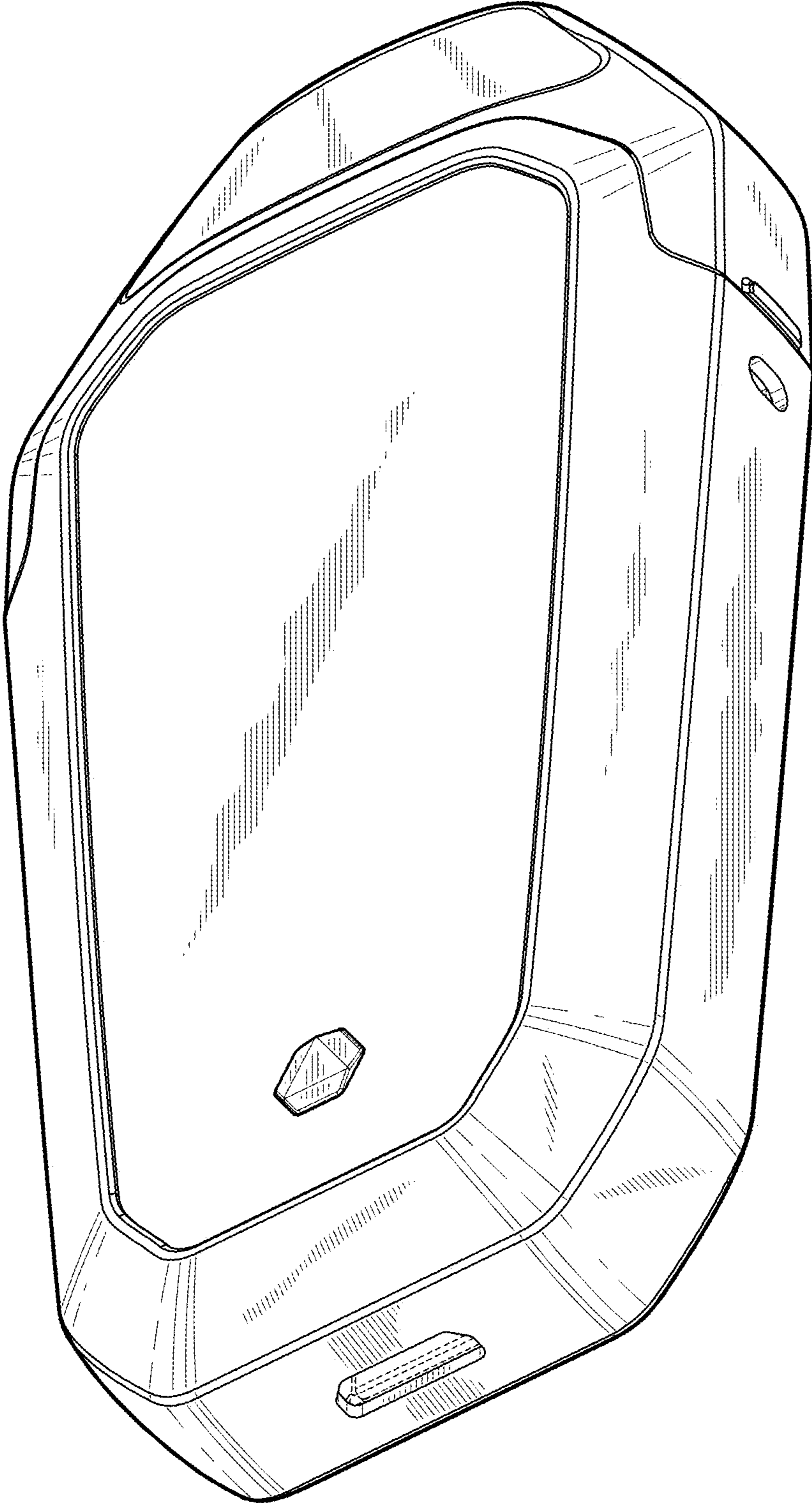


FIG. 7