



US00D972545S

(12) **United States Design Patent** (10) **Patent No.:** **US D972,545 S**
Runesson et al. (45) **Date of Patent:** **** Dec. 13, 2022**

(54) **BIOMETRIC SENSOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Fingerprint Cards AB**, Gothenburg (SE)

CN 305236128 * 6/2019
JP 1548655 S 5/2016

(72) Inventors: **Sofia Runesson**, Gothenburg (SE);
Mats Slottner, Gothenburg (SE)

OTHER PUBLICATIONS

(73) Assignee: **FINGERPRINT CARDS AB**, Gothenburg (SE)

Cell Phone Repair, first available Sep. 25, 2021 [online], [retrieved Sep. 6, 2022]. Available from the Internet, URL:<https://amzn.eu/d/2vdph7A>. (Year: 2021).*

(Continued)

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

Primary Examiner — Dana K Weiland

Assistant Examiner — Russell Carnell Smith, Jr.

(21) Appl. No.: **29/754,922**

(74) *Attorney, Agent, or Firm* — Tucker Ellis LLP

(22) Filed: **Oct. 15, 2020**

(57) **CLAIM**

The ornamental design for a biometric sensor, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Apr. 30, 2020 (EM) 007845037-0003
Apr. 30, 2020 (EM) 007845037-0004

(51) **LOC (13) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/248**

(58) **Field of Classification Search**
USPC D14/138 AB, 248, 217, 341, 342, 343,
D14/344, 345, 346, 347
CPC ... G06F 1/1641; G06F 1/1647; H04M 1/0268
See application file for complete search history.

FIG. 1 is a front, top, right side perspective view of a biometric sensor showing our new design;
FIG. 2 is a rear, bottom, left side perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a top view thereof;
FIG. 8 is a bottom view thereof;
FIG. 9 is a perspective view of the biometric sensor in an exemplary environment therefor;
FIG. 10 is a right side view thereof;
FIG. 11 is a left side view thereof;
FIG. 12 is a front view thereof;
FIG. 13 is a rear view thereof;
FIG. 14 is a top view thereof; and,
FIG. 15 is a bottom view thereof.

The broken lines in the drawings illustrate environmental structure for the biometric sensor in the form of a mobile telephone that form no part of the claimed design.

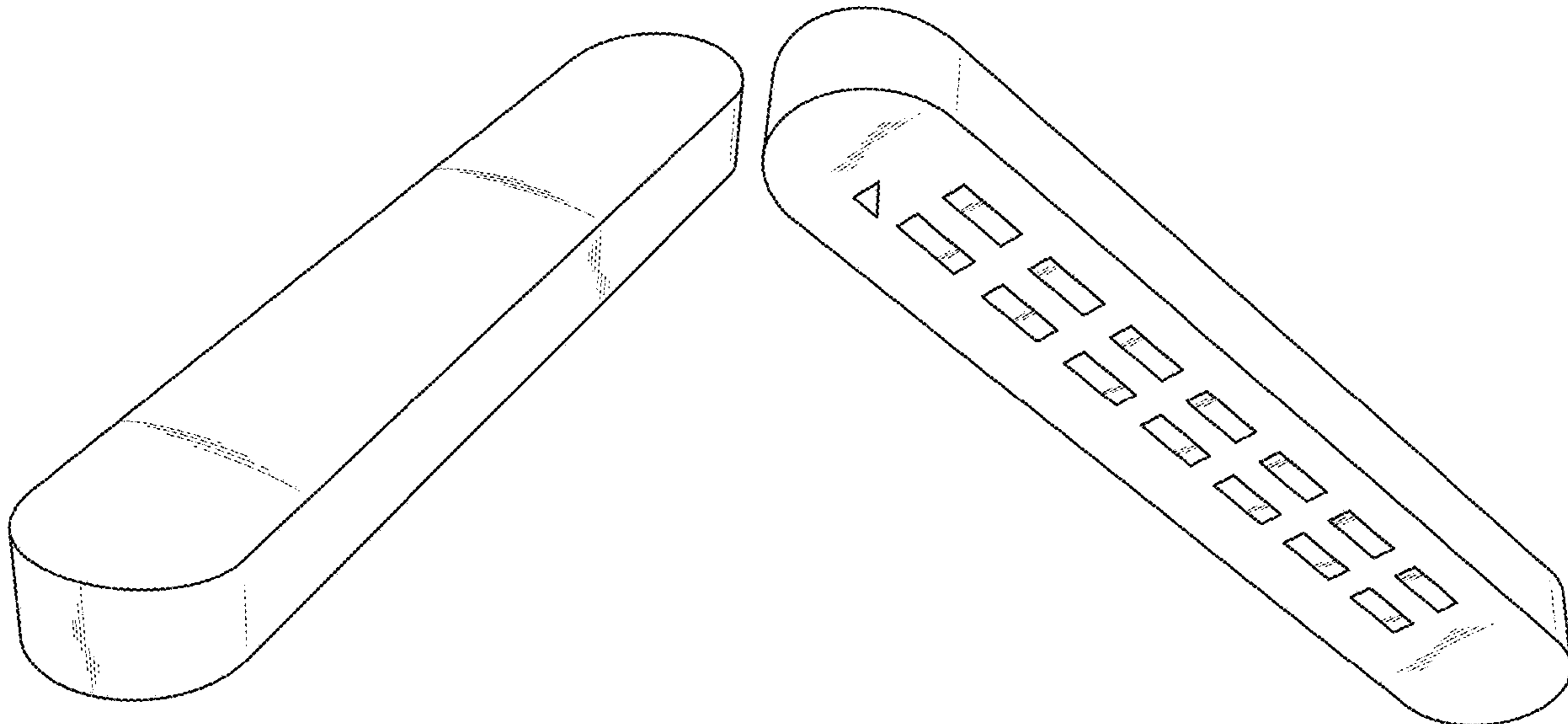
(56) **References Cited**

U.S. PATENT DOCUMENTS

D567,800 S * 4/2008 Andre D14/217
D601,530 S * 10/2009 Park D14/138 AD
D624,049 S * 9/2010 Liu D21/333
D669,050 S * 10/2012 Lyles D14/138 G
D729,756 S * 5/2015 Liu D14/138 G
D764,431 S * 8/2016 Hibi D14/138 G

(Continued)

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D792,863 S * 7/2017 Hibi D14/138 G
D828,321 S * 9/2018 Yeom D14/138 G
D859,347 S * 9/2019 Kwon D14/138 AB
D914,688 S * 3/2021 Jakobuco D14/440
D930,609 S * 9/2021 Chen D14/138 AB
D931,250 S * 9/2021 Kierski D14/138 AB
D947,828 S * 4/2022 Bai D14/250

OTHER PUBLICATIONS

Caifeng Repair Replacement, first available Jul. 10, 2019 [online],
[retrieved Sep. 6, 2022]. Available from the Internet, URL:<<https://a.co/d/b7ddHzc>>. (Year: 2019).*
Photos of Samsung Galaxy S10e 128GB (SKT), dated Mar. 2019.

* cited by examiner

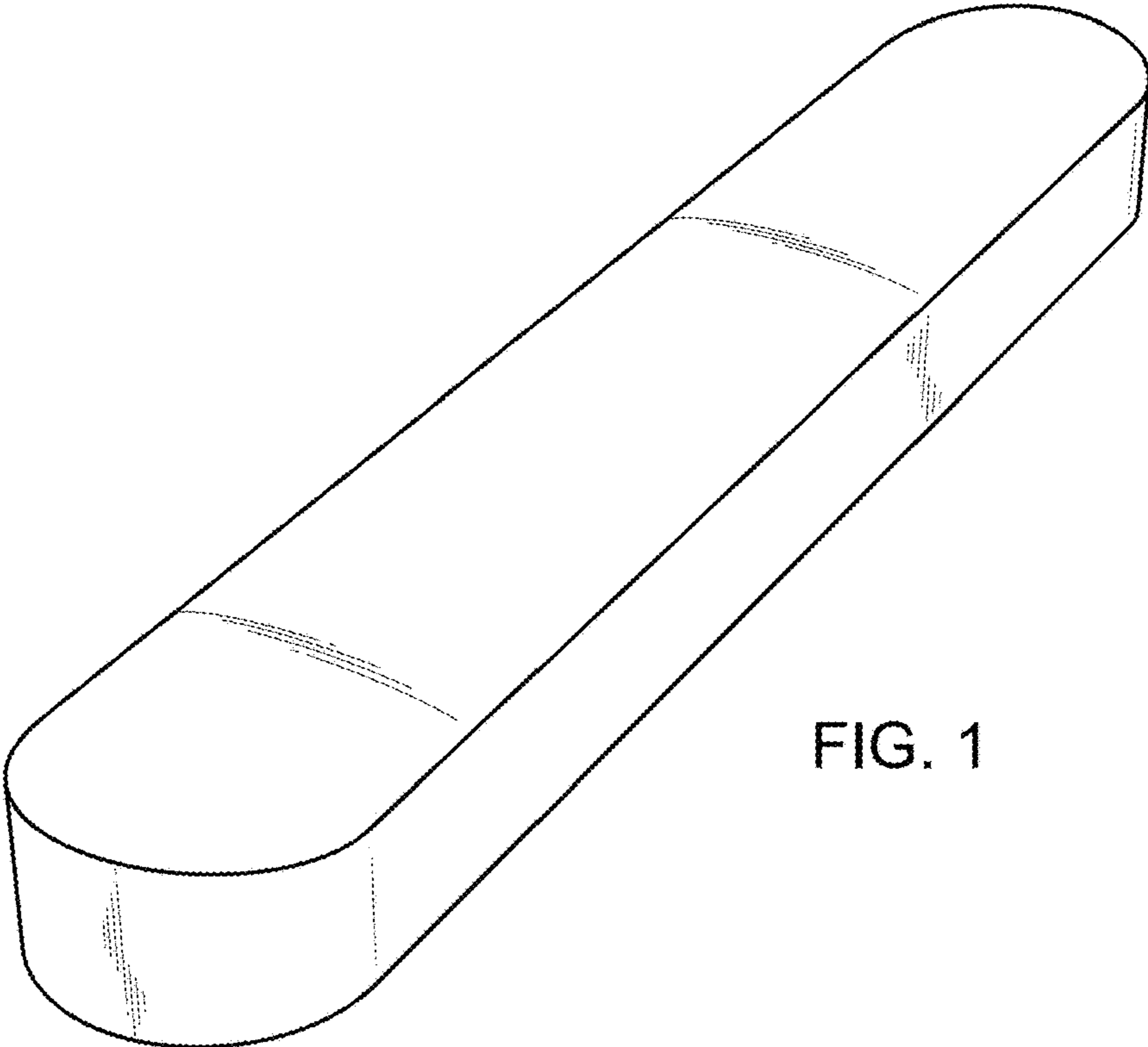


FIG. 1

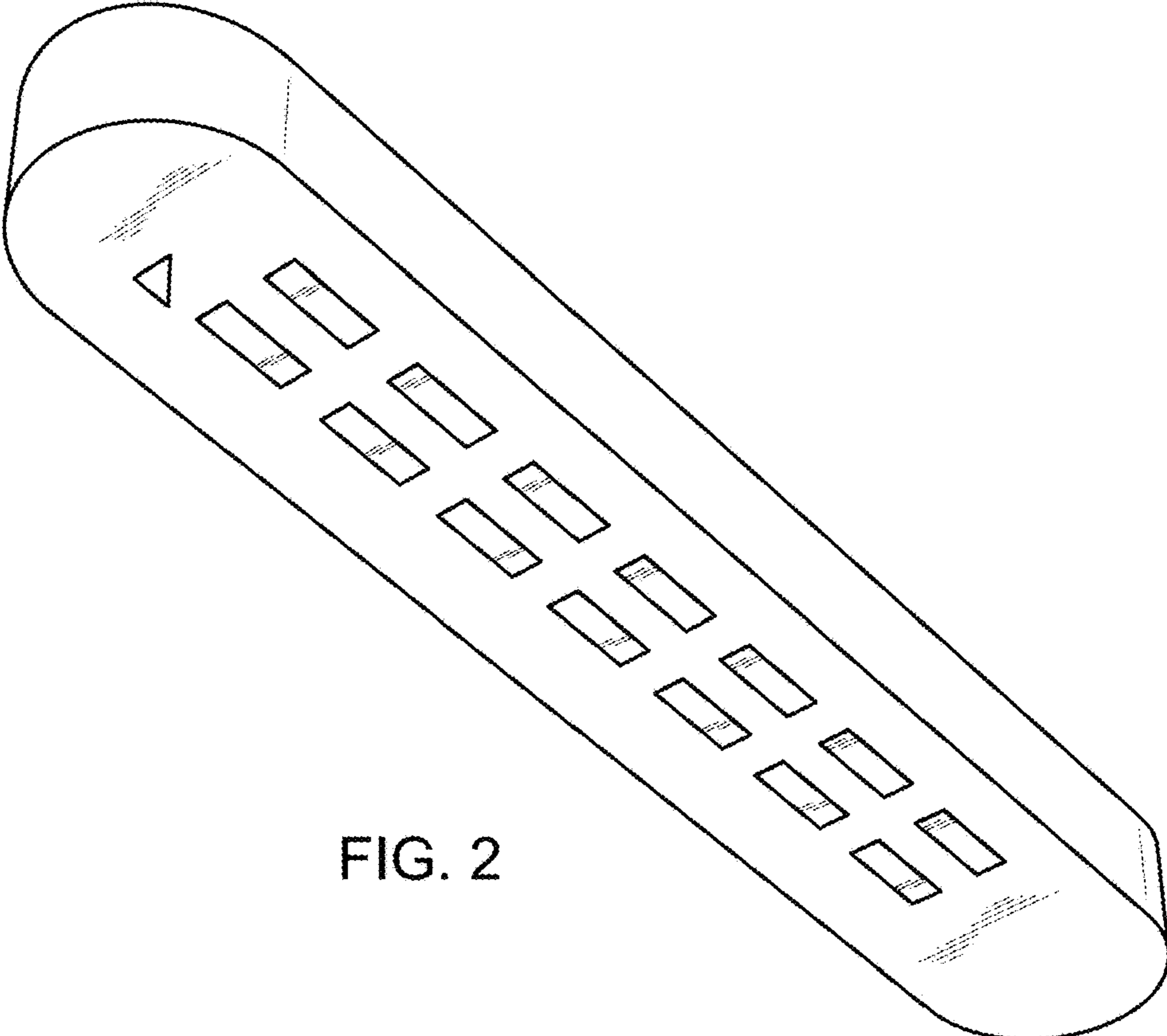


FIG. 2



FIG. 3

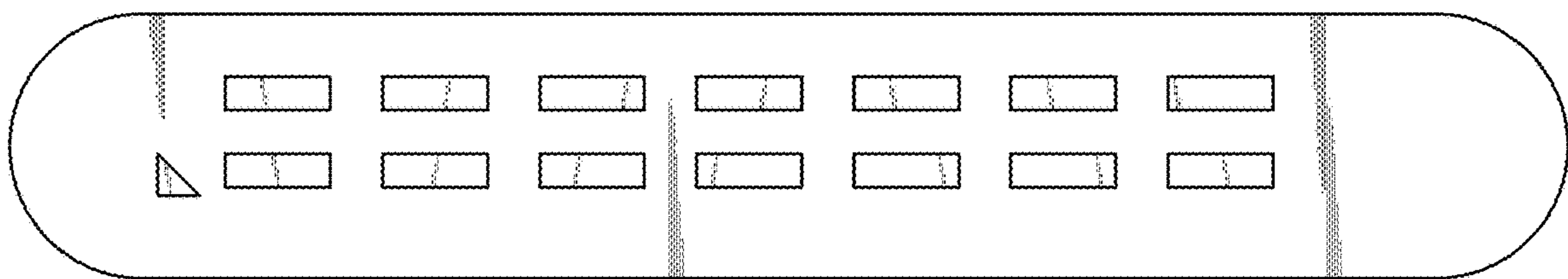


FIG. 4



FIG. 5

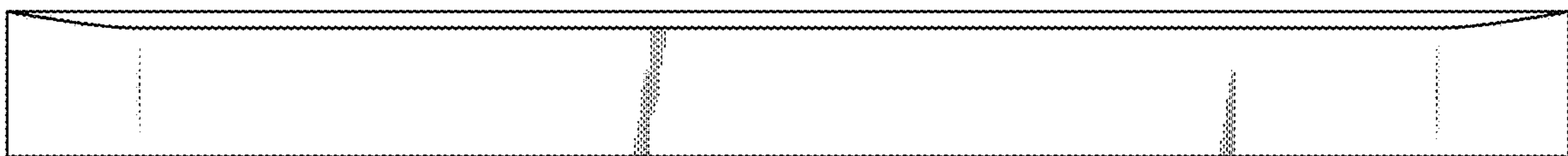


FIG. 6



FIG. 7



FIG. 8

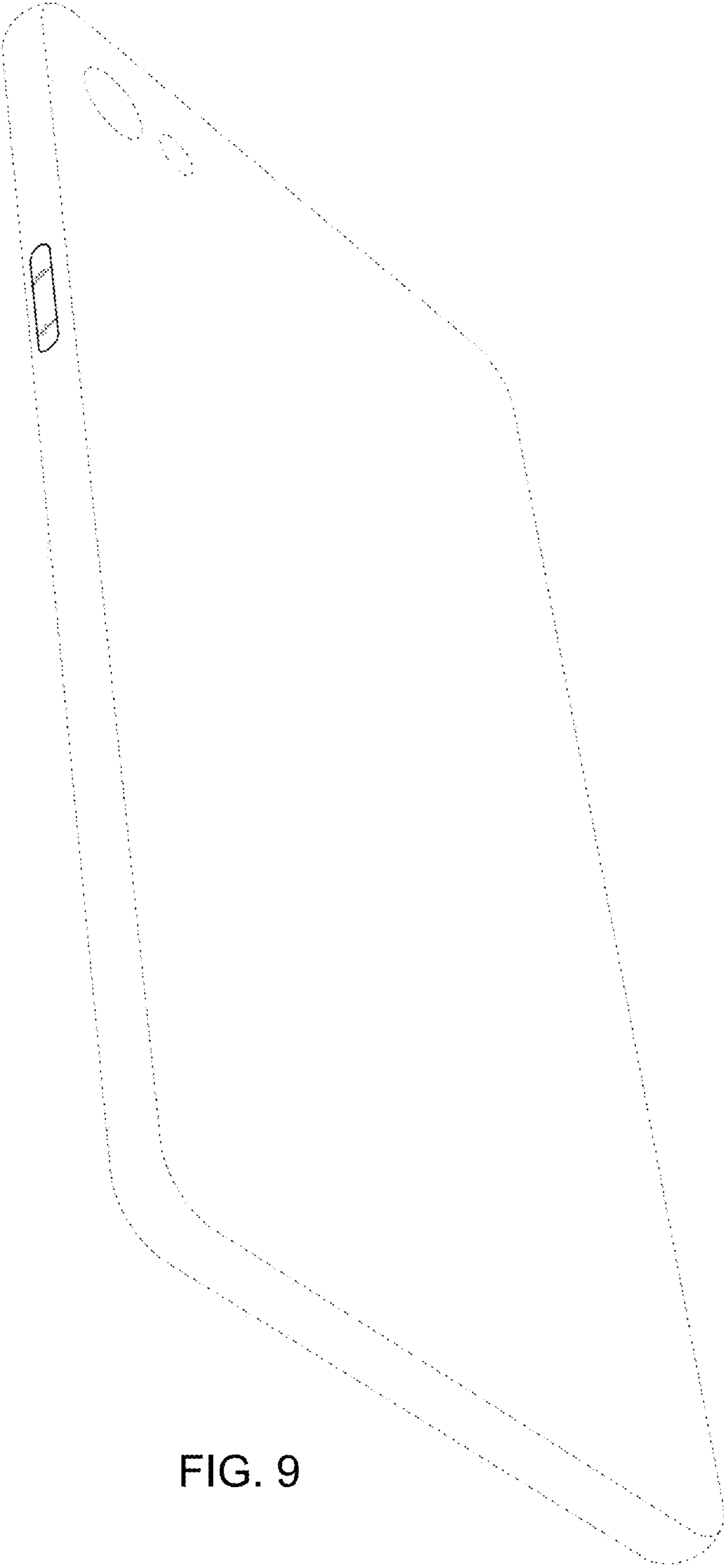


FIG. 9

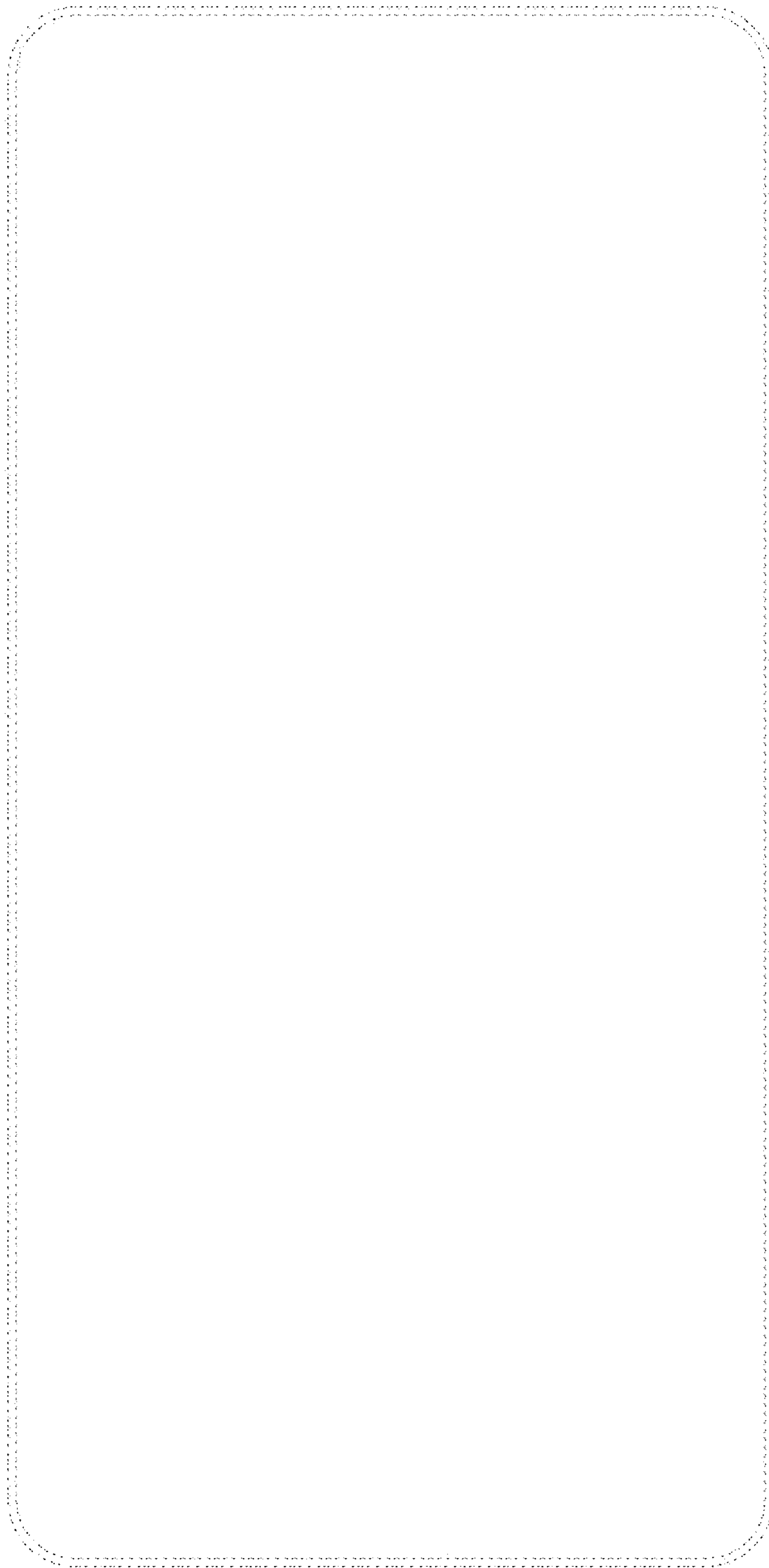


FIG. 10

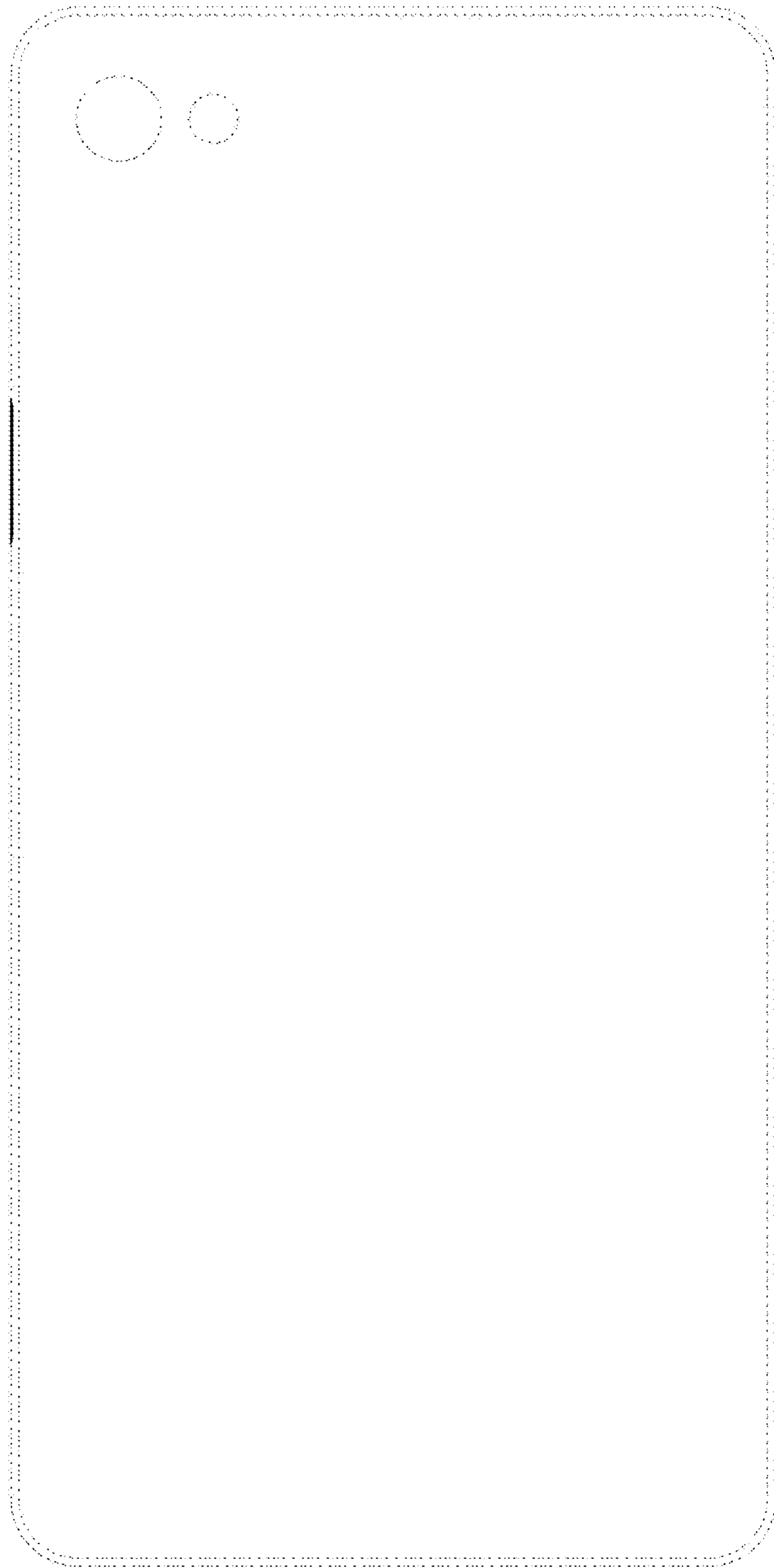


FIG. 11

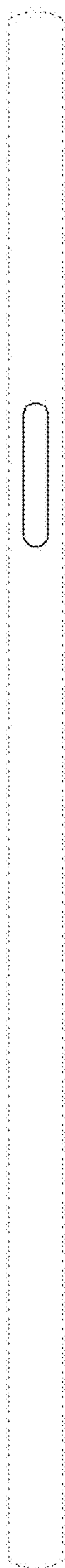


FIG. 12

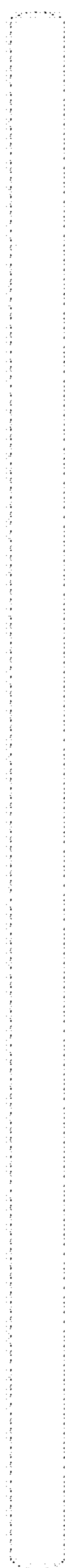


FIG. 13

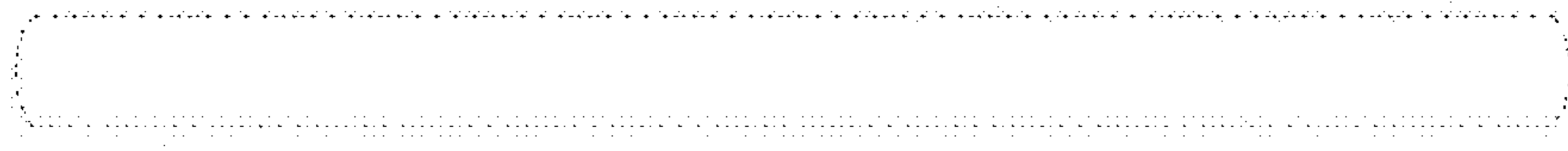


FIG. 14



FIG. 15