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(12) **United States Design Patent** (10) **Patent No.:** **US D973,267 S**  
**Farrow** (45) **Date of Patent:** **\*\* Dec. 20, 2022**

(54) **CHARGING UNIT FOR AN AEROSOL GENERATING DEVICE**

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(US)  
(73) Assignee: **Philip Morris Products S.A.**,  
Neuchâtel (CH)  
(\*\*) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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Jul. 16, 2020 (EM) ..... 008044283-0003  
Jul. 16, 2020 (EM) ..... 008044283-0004  
Jul. 16, 2020 (EM) ..... 008044283-0005  
Jul. 16, 2020 (EM) ..... 008044283-0006  
Jul. 16, 2020 (EM) ..... 008044283-0007  
Jul. 16, 2020 (EM) ..... 008044283-0008

(Continued)

(51) **LOC (13) Cl.** ..... **27-02**  
(52) **U.S. Cl.**  
USPC ..... **D27/167**

(58) **Field of Classification Search**  
USPC ..... D27/100, 101, 162-170, 172-195;  
D13/102-106, 110, 118, 119, 184, 199  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

10,501,258 B2 \* 12/2019 Cassoni ..... B29C 65/8253  
D873,212 S 1/2020 Chang et al.  
(Continued)

**OTHER PUBLICATIONS**

Aerosol Charger. (Design—© Questel) orbit.com. [Online PDF compilation of references] 37 pgs. Print Dates Range Apr. 17, 2020-May 20, 2019 [Retrieved Dec. 28, 2021].\*

(Continued)

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Maier & Neustadt, L.L.P.

(57) **CLAIM**

The ornamental design for a charging unit for an aerosol generating device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, and right side perspective view of a first embodiment of a charging unit for an aerosol generating device showing the new design.

FIG. 2 is a front elevational view thereof.

FIG. 3 is a rear elevational view thereof.

FIG. 4 is a top plan view thereof.

FIG. 5 is a bottom plan view thereof.

FIG. 6 is a right side elevational view thereof.

FIG. 7 is a left side elevational view thereof.

FIG. 8 is a front, top, and right side perspective view thereof in a use position.

FIG. 9 is a front, top, and right side perspective view of a second embodiment of a charging unit for an aerosol generating device showing the new design.

FIG. 10 is a front elevational view thereof.

FIG. 11 is a rear elevational view thereof.

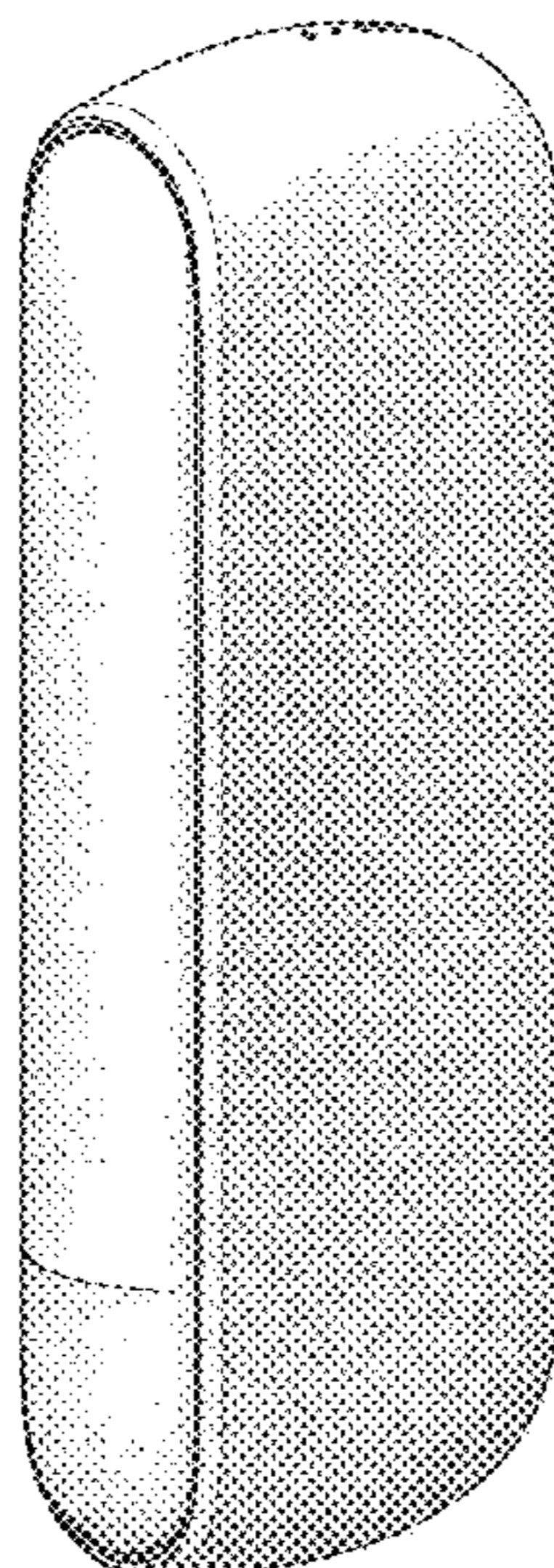
FIG. 12 is a top plan view thereof.

FIG. 13 is a bottom plan view thereof.

FIG. 14 is a right side elevational view thereof; and,

FIG. 15 is a left side elevational view thereof.

**1 Claim, 15 Drawing Sheets**



**(30) Foreign Application Priority Data**

Jul. 16, 2020 (EM) ..... 008044283-0009  
 Jul. 16, 2020 (EM) ..... 008044283-0010  
 Jul. 16, 2020 (EM) ..... 008044283-0011

**(58) Field of Classification Search**

CPC ..... A24F 40/30; A24F 40/48; A24F 40/57;  
 A24F 40/90; A61M 15/0085; B29C  
 65/8253; H01R 13/17

See application file for complete search history.

**(56) References Cited**

**U.S. PATENT DOCUMENTS**

D890,695 S 7/2020 Chang et al.  
 10,765,149 B2 \* 9/2020 Reevell ..... A24F 40/30  
 10,791,767 B2 \* 10/2020 Novak, III ..... H01R 13/17  
 D908,280 S \* 1/2021 Aller ..... D27/162

10,881,844 B2 \* 1/2021 Besen ..... A61M 15/0085  
 10,945,462 B2 \* 3/2021 Davis ..... A24F 40/90  
 D924,472 S \* 7/2021 Powell ..... D27/162  
 D925,821 S \* 7/2021 Cruice ..... D27/162  
 D929,650 S \* 8/2021 Cruice ..... D27/162  
 D930,893 S \* 9/2021 Powell ..... D27/162  
 D933,884 S \* 10/2021 Verchick ..... D27/162  
 11,197,504 B2 \* 12/2021 Lee ..... A24F 40/48  
 11,212,881 B2 \* 12/2021 Fursa ..... A24F 40/57

**OTHER PUBLICATIONS**

IQOS 3 DUO—Amazing Fast Charging. Oct. 25, 2019. Youtube.  
<https://www.youtube.com/watch?v=UHd9qUIBguU>.  
 How to Use IQOS 3 DUO. Jan. 30, 2020. Youtube. <https://www.youtube.com/watch?v=LHGEpnsVOMs>.  
 IQOS Review and Secret Insider Information Revealed. Jul. 24,  
 2019. Youtube. <https://www.youtube.com/watch?v=oTHTx2mWD38>.

\* cited by examiner

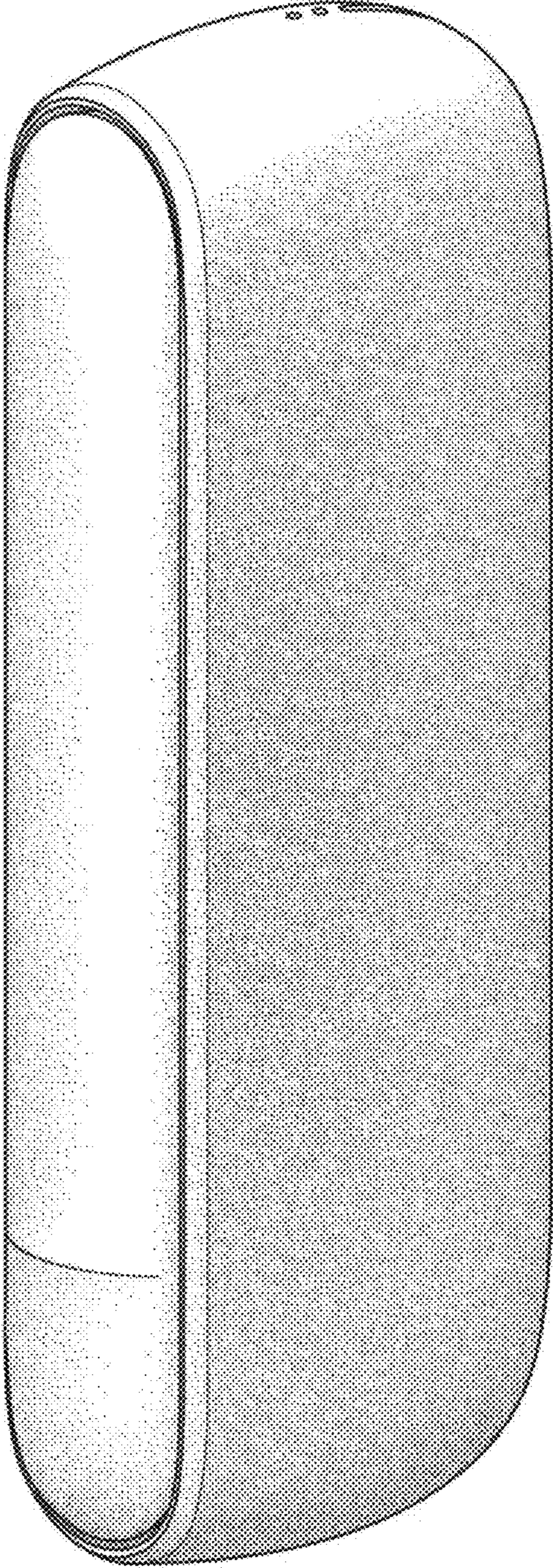


FIG. 1

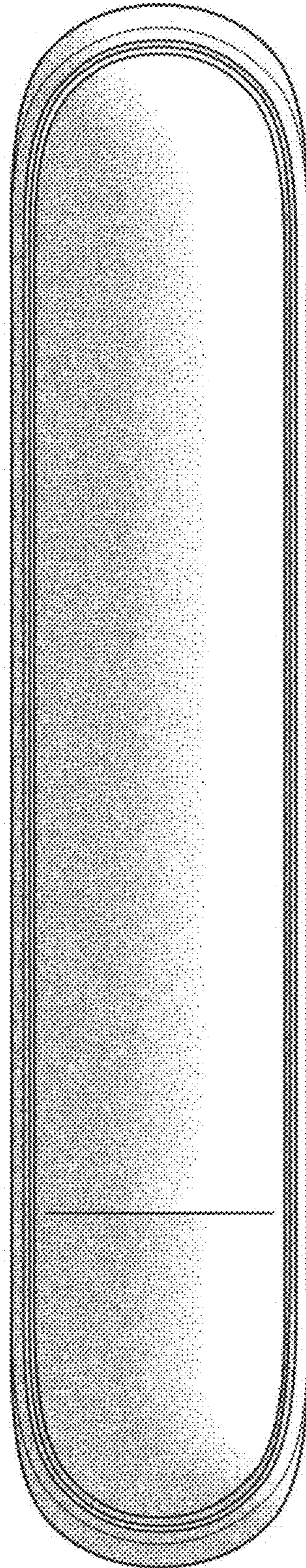


FIG. 2

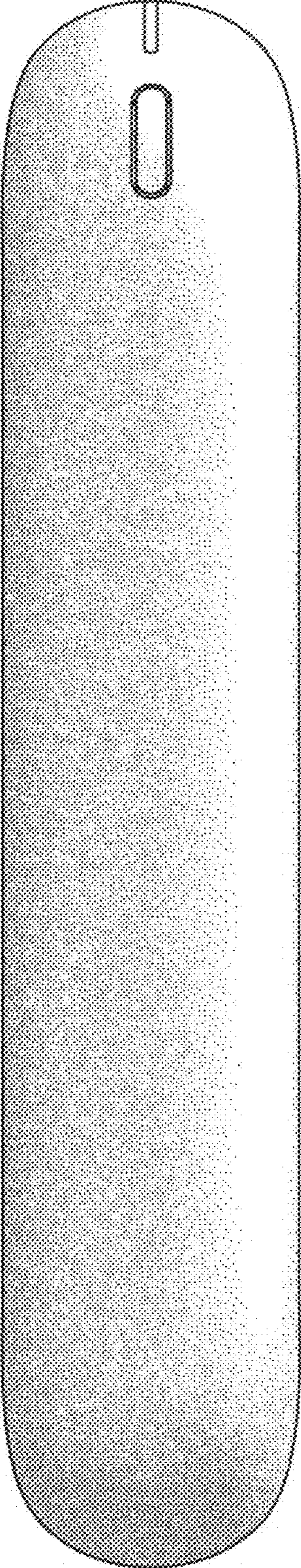


FIG. 3

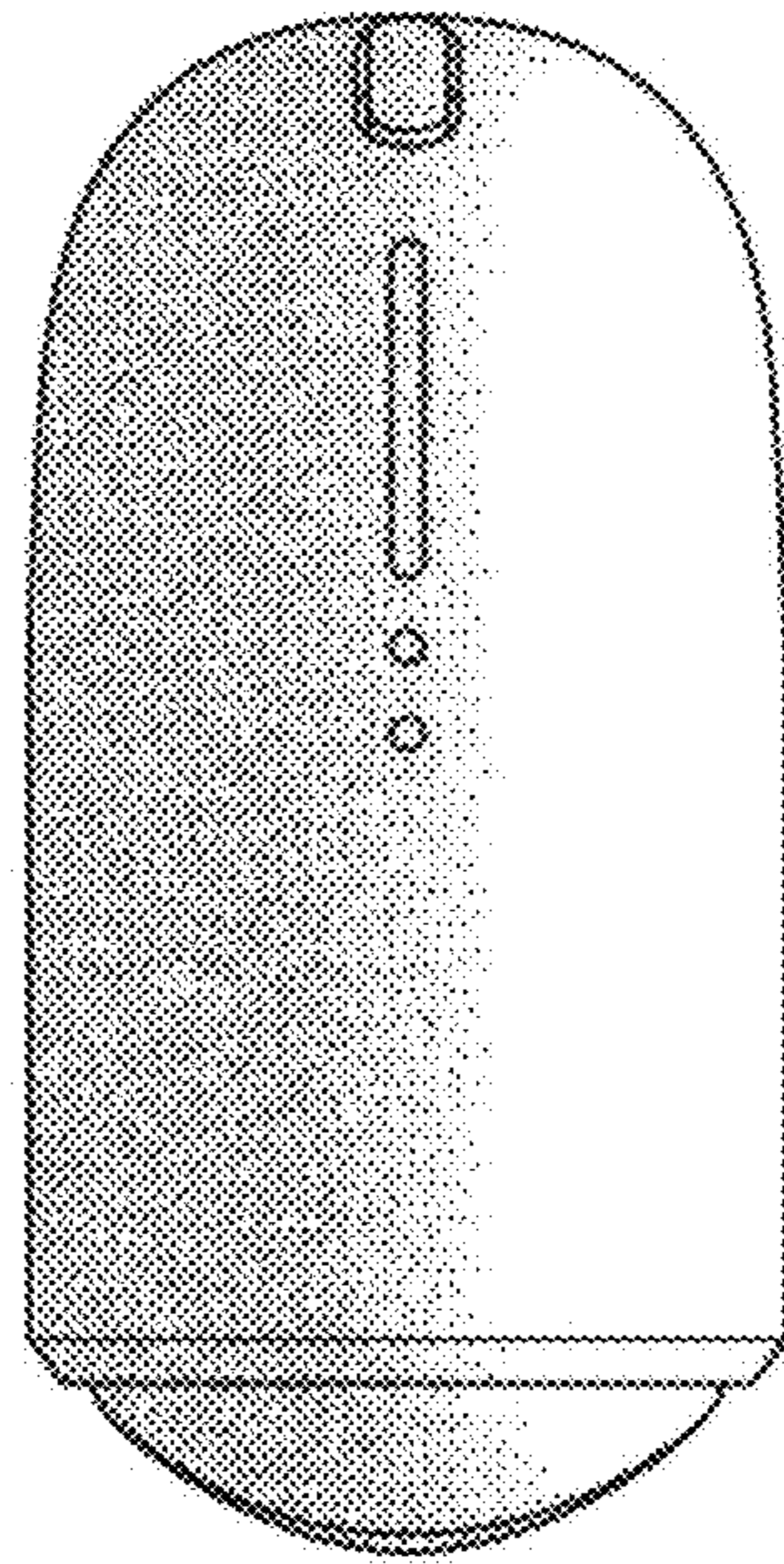


FIG. 4

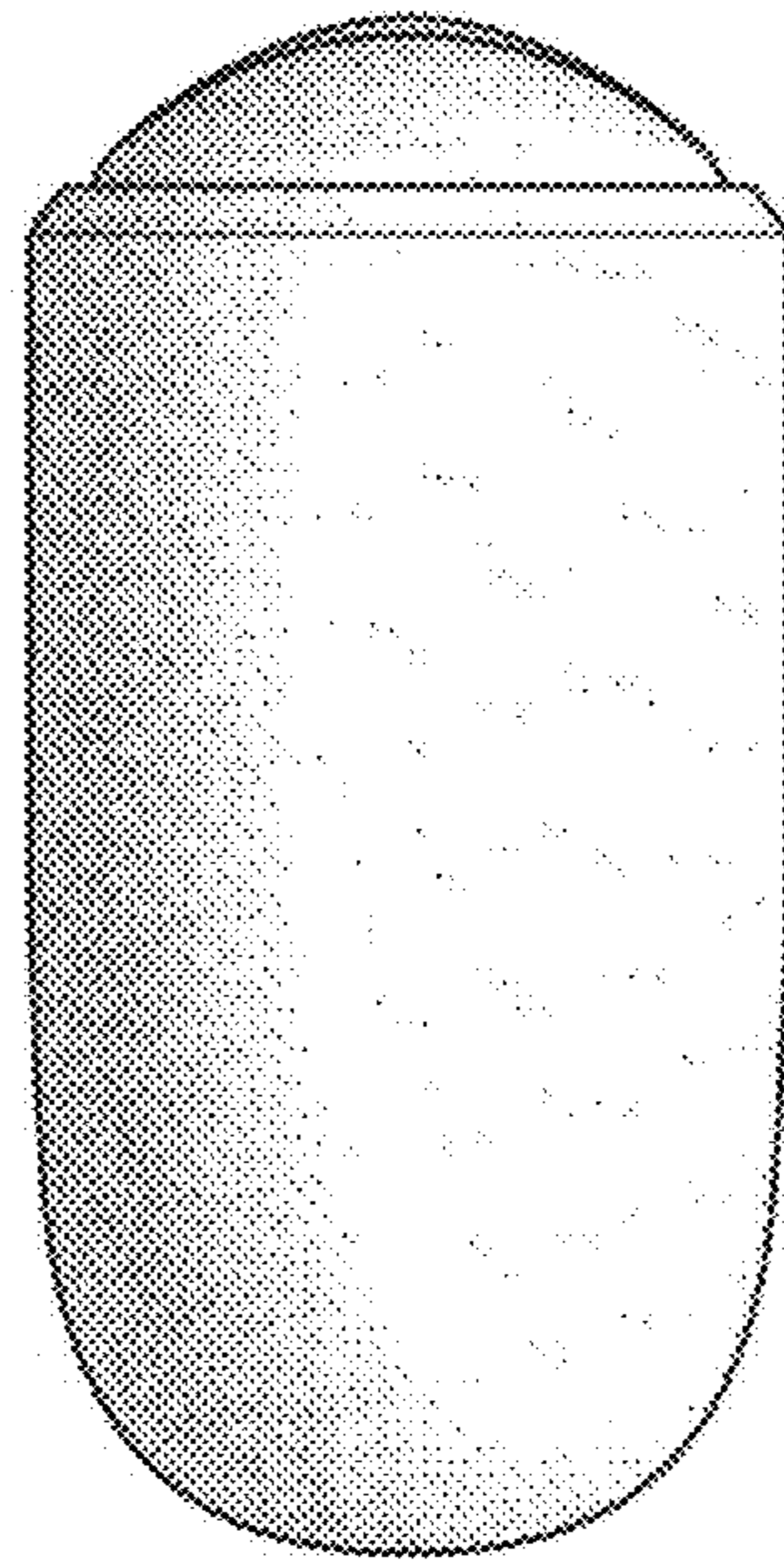


FIG. 5

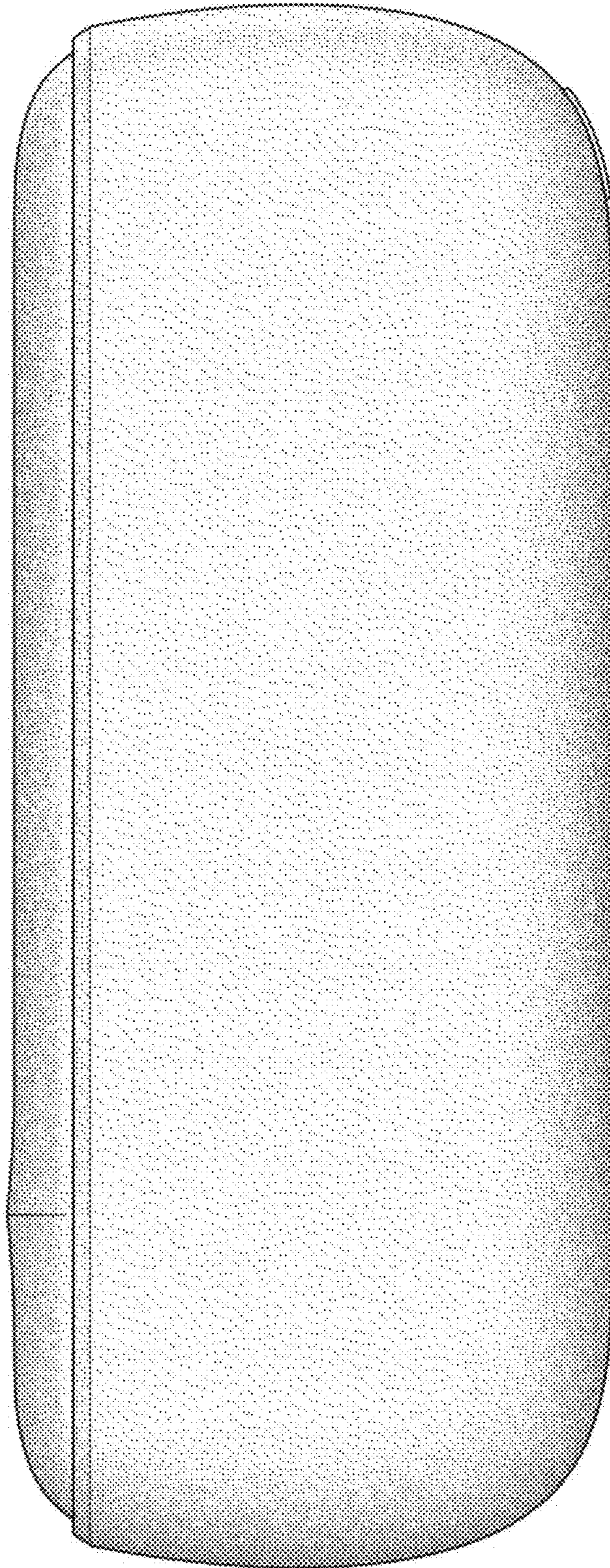


FIG. 6



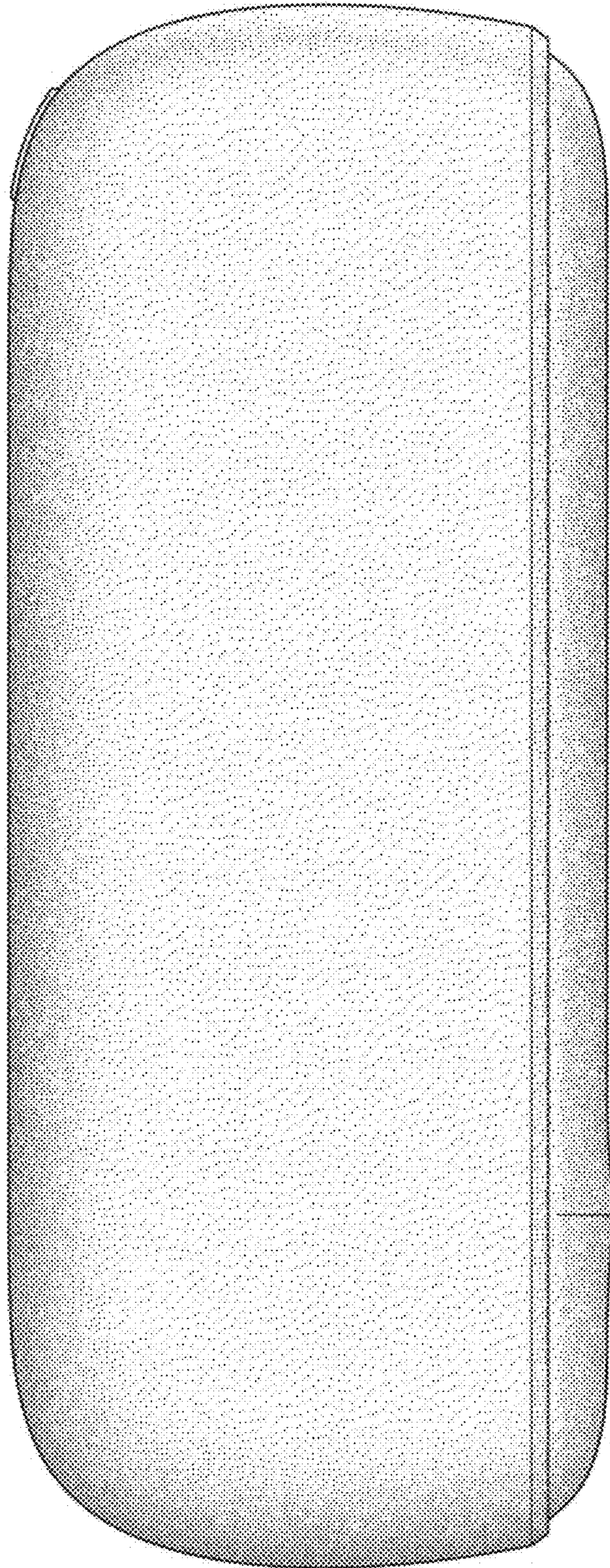


FIG. 7

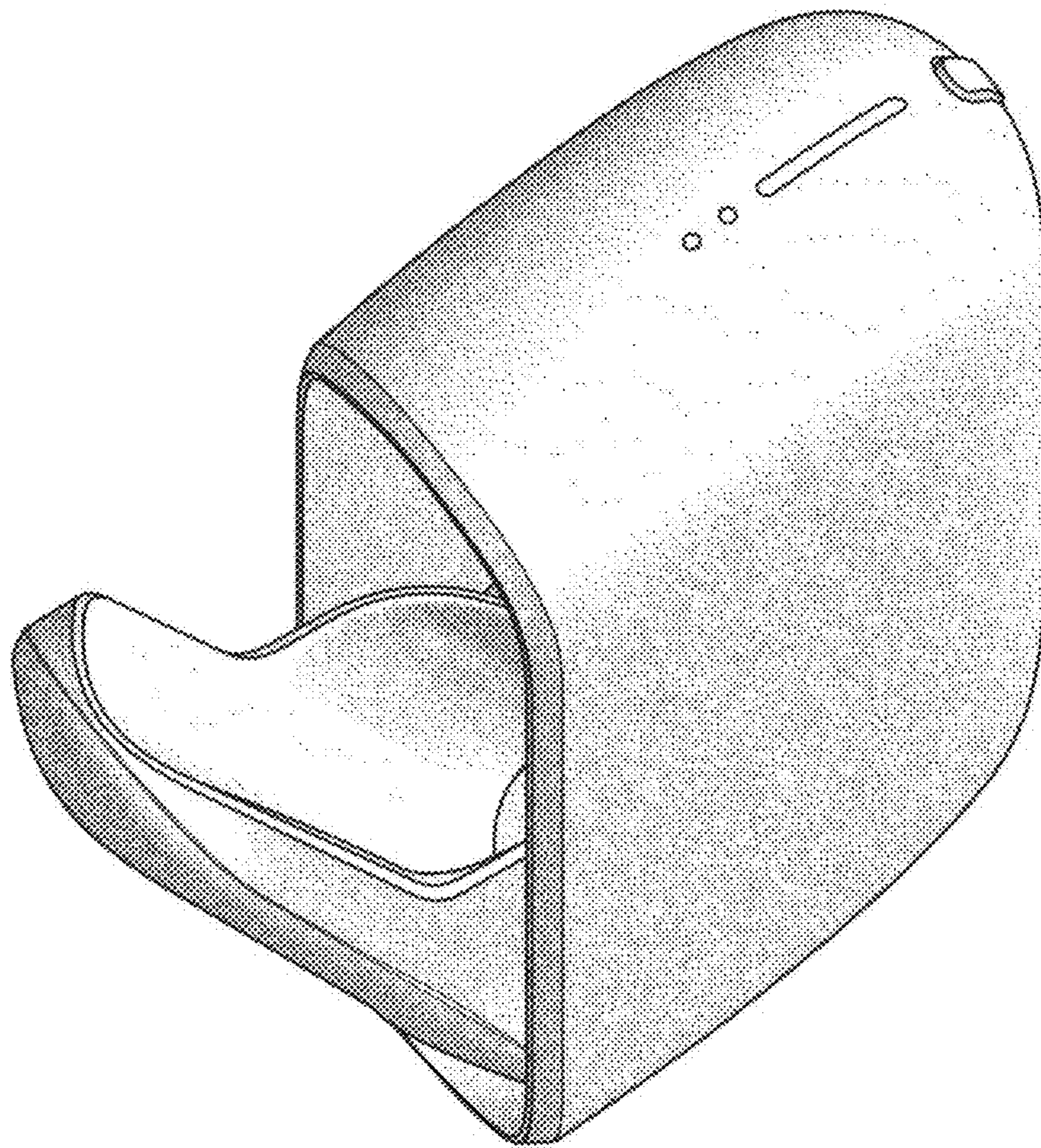


FIG. 8

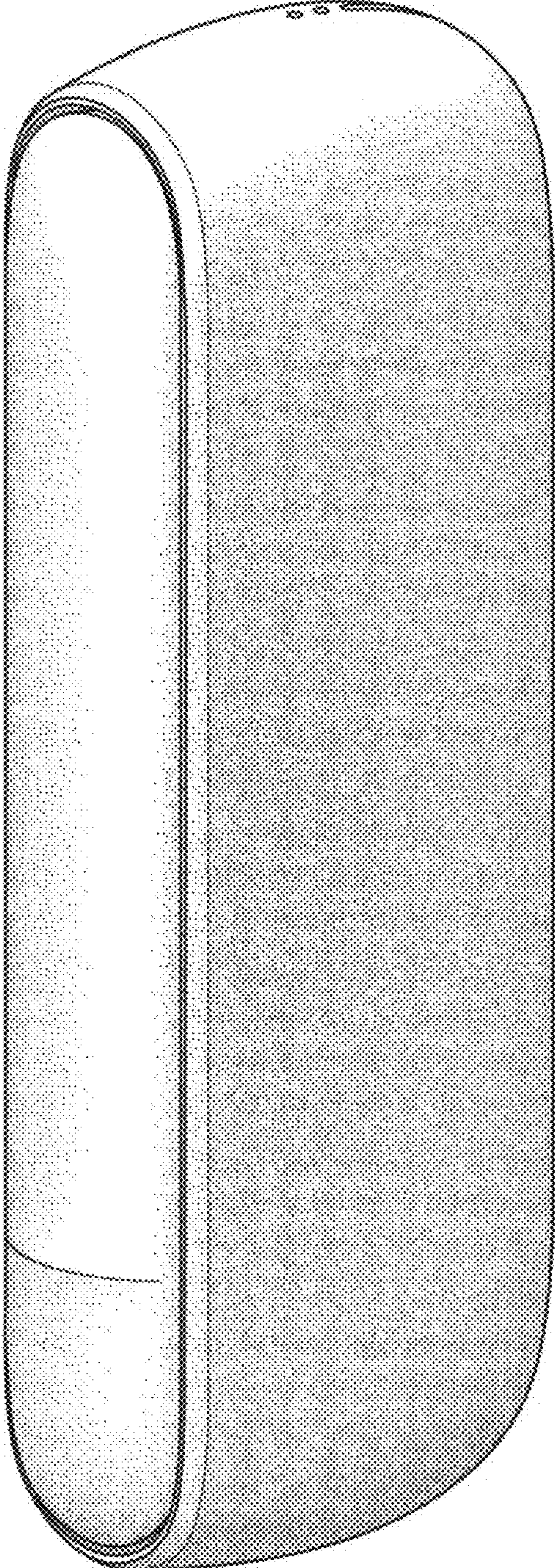


FIG. 9

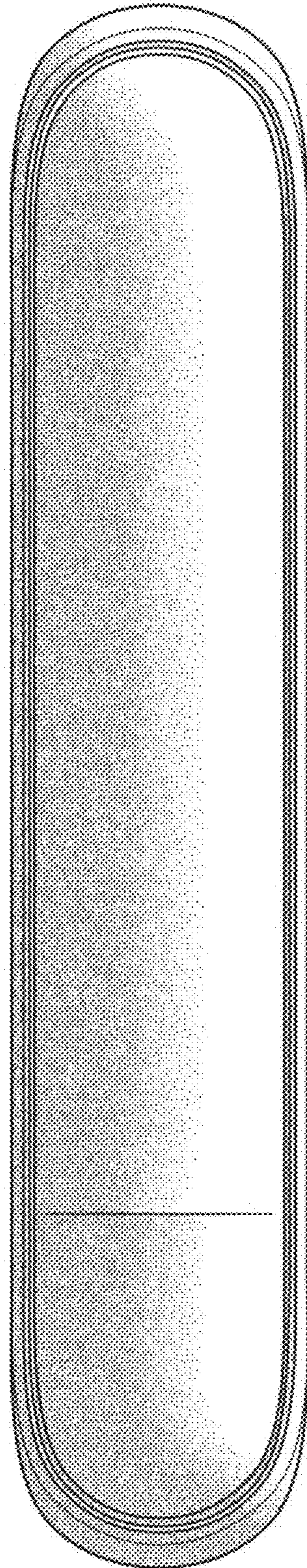


FIG. 10

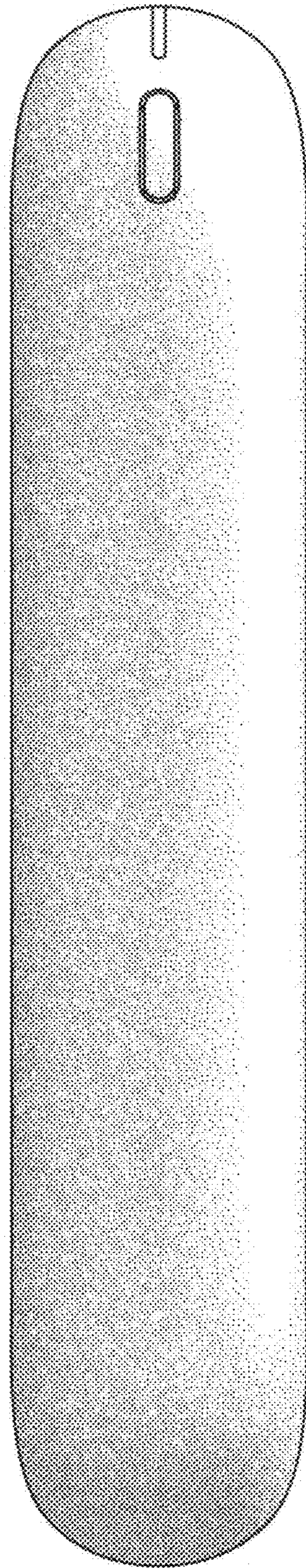


FIG. 11

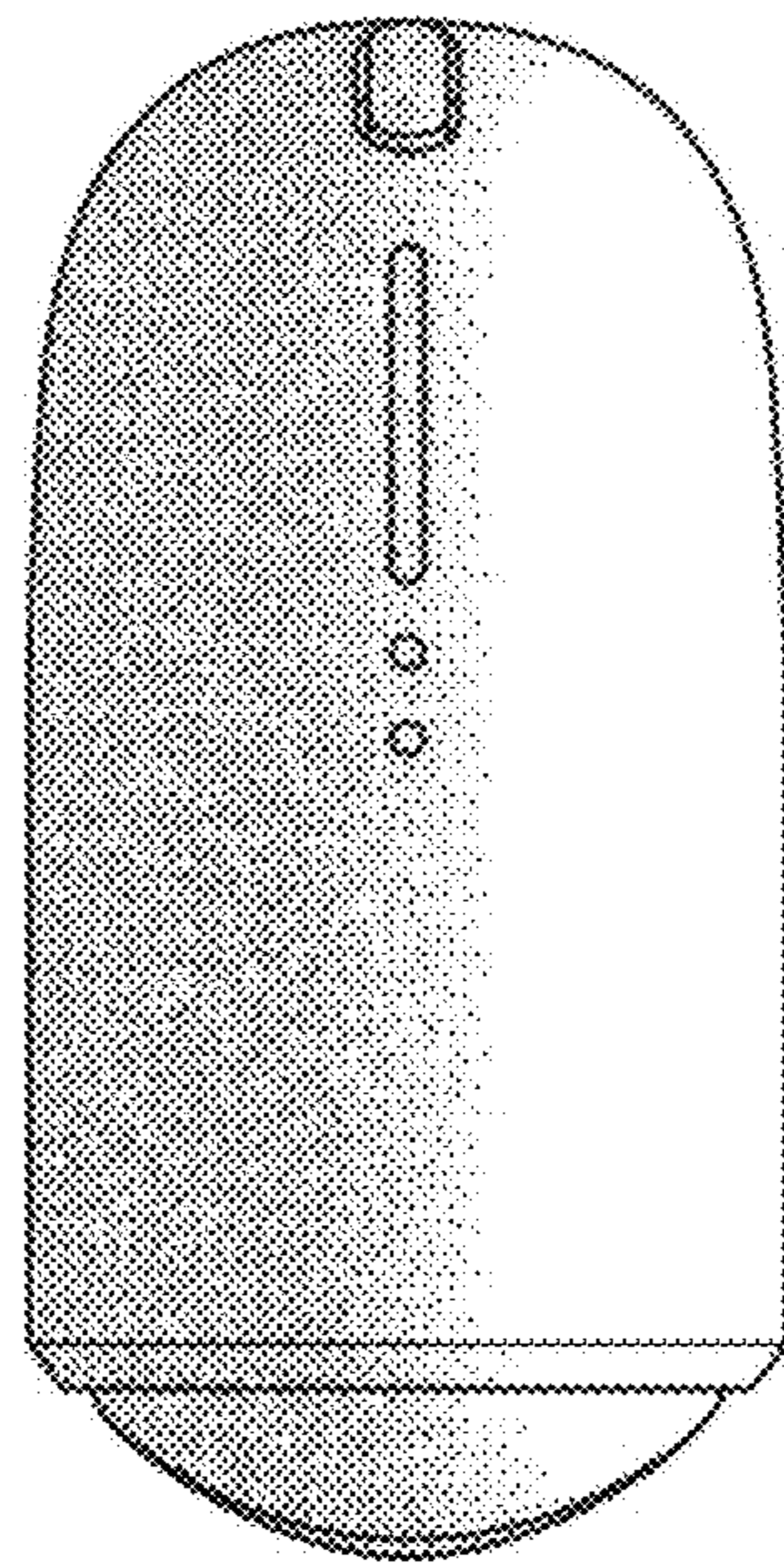


FIG. 12

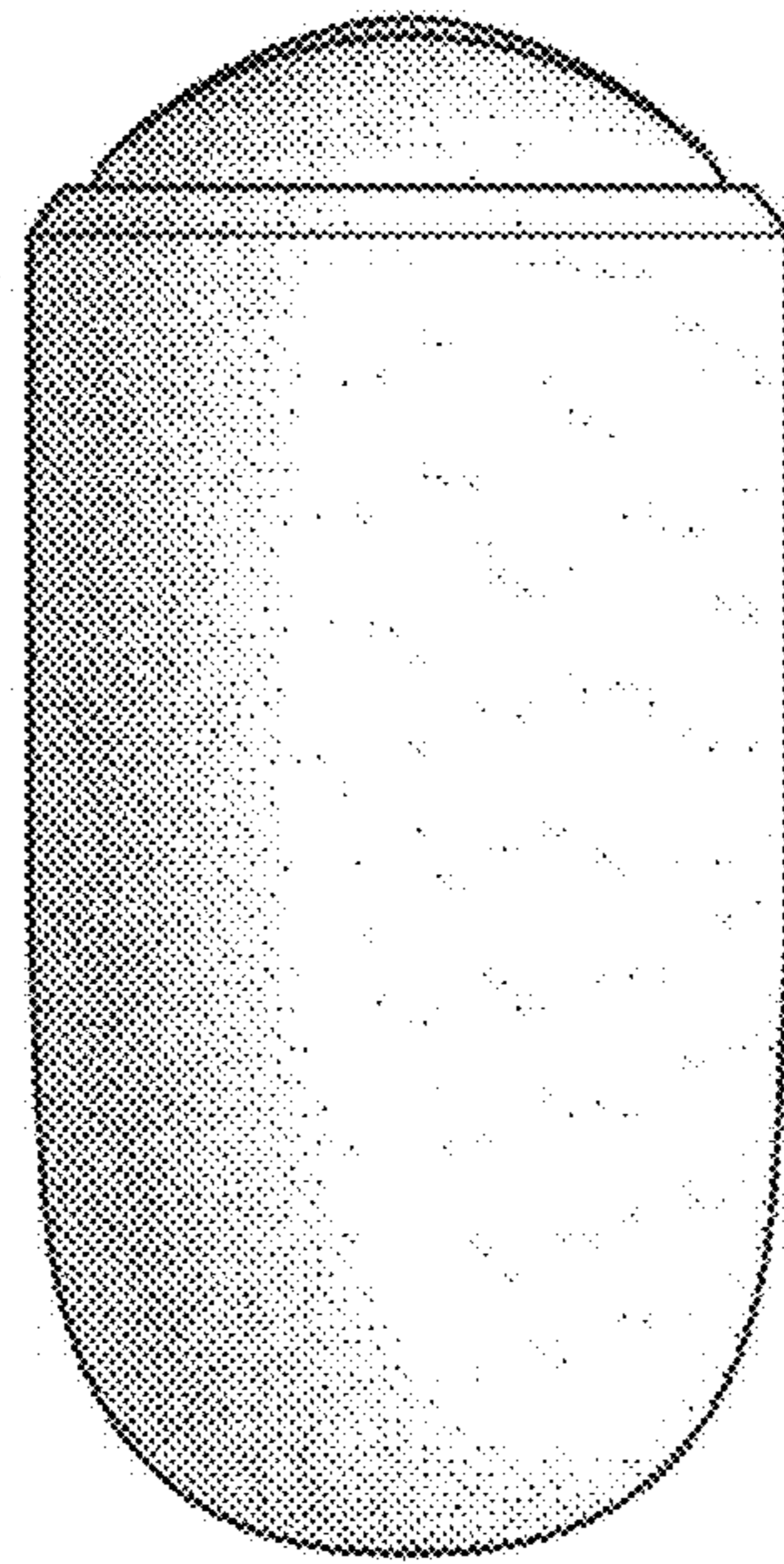


FIG. 13

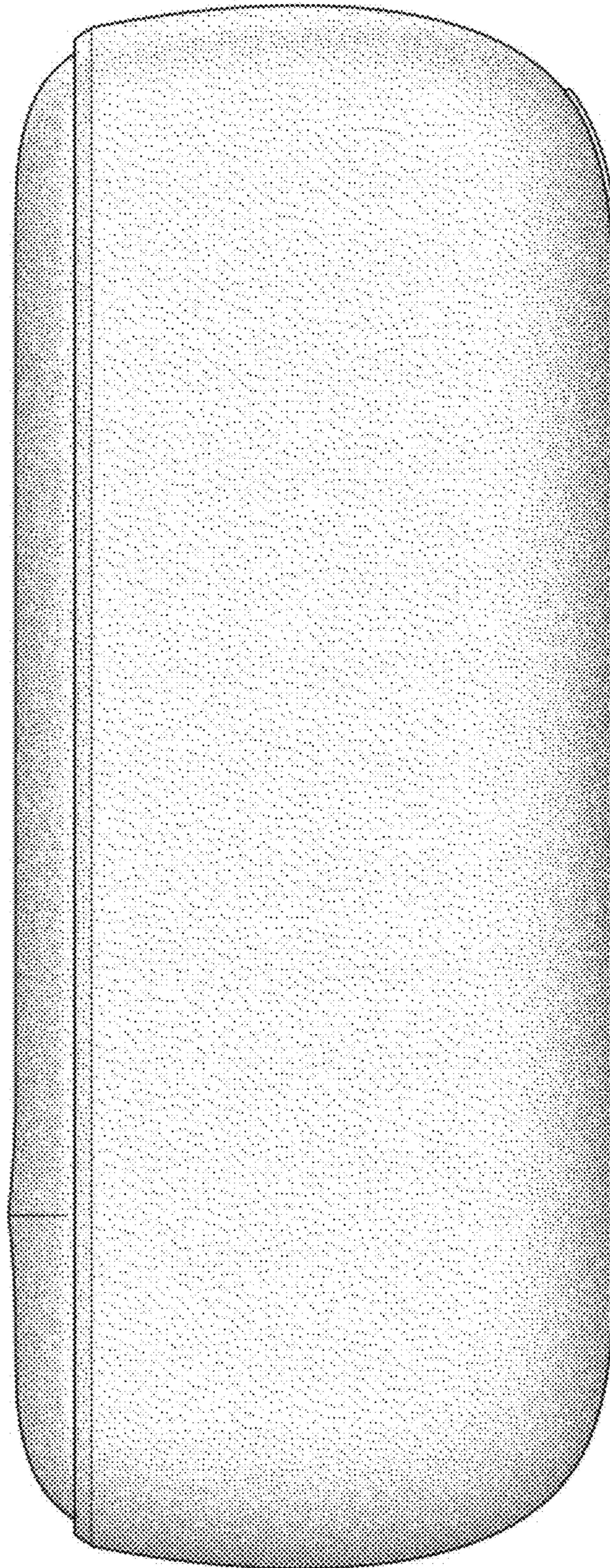


FIG. 14



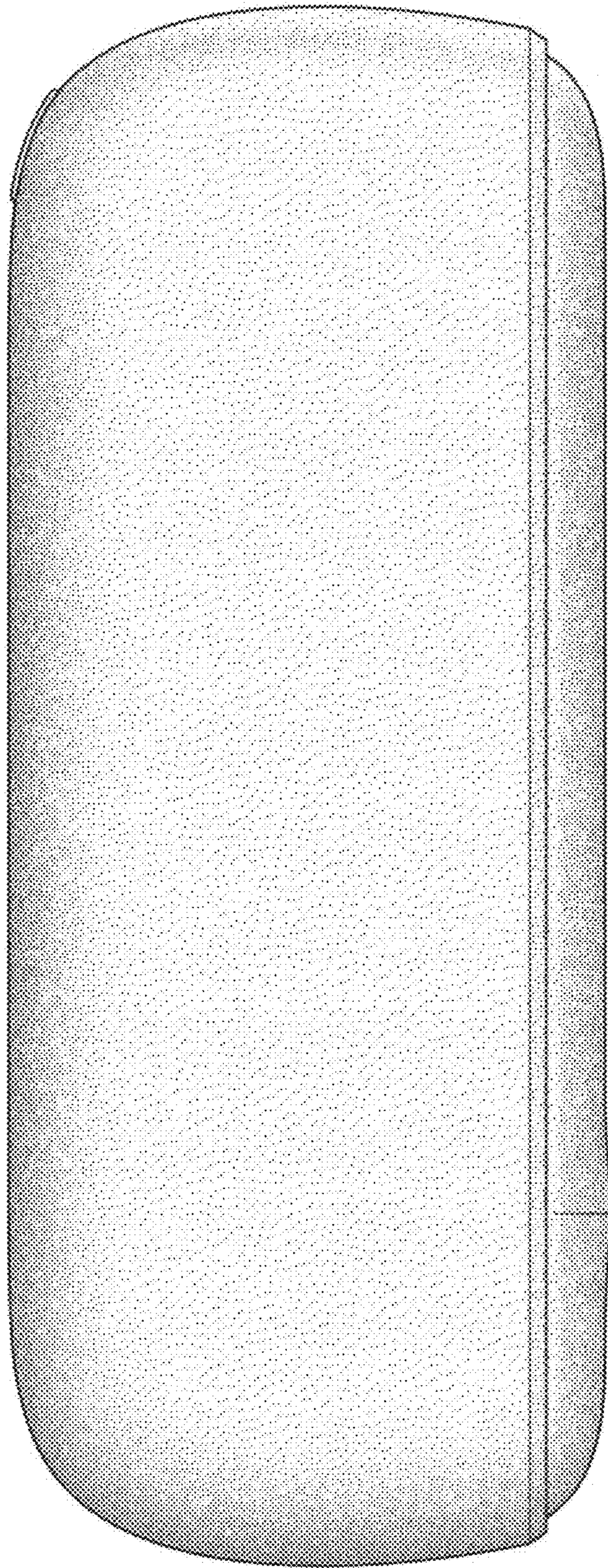


FIG. 15