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(12) **United States Design Patent** (10) **Patent No.:** **US D831,007 S**  
**Gong** (45) **Date of Patent:** **\*\* Oct. 16, 2018**

(54) **ANTENNA INSULATOR FOR A MOBILE PHONE**

(71) Applicant: **Guang Dong Oppo Mobile Telecommunications Corp., Ltd.**, Dongguan, Guangdong (CN)

(72) Inventor: **Guan Gong**, Guangdong (CN)

(73) Assignee: **Guangdong Oppo Mobile Telecommunications Corp., Ltd.**, Dongguan, Guangdong (CN)

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

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(51) **LOC (11) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/230; D14/250**

(58) **Field of Classification Search**  
USPC ..... D14/138, 230, 231, 232, 234, 235, 236, D14/237, 238, 238.1, 250, 299, 358; D13/182  
CPC ..... G01R 29/10; G01S 2013/0245; G01S 2013/0254; G01S 2013/0263; G01S 7/4026; G05B 2219/45001; G06K 19/07773; G06K 19/07775; G06K 19/07777; G08B 13/2468; G08B 13/2477; H01Q 1/088

See application file for complete search history.

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*Primary Examiner* — Manpreet S Matharu

*Assistant Examiner* — Mojtaba Tehrani

(74) *Attorney, Agent, or Firm* — Young Basile Hanlon & MacFarlane, P.C.

(57) **CLAIM**

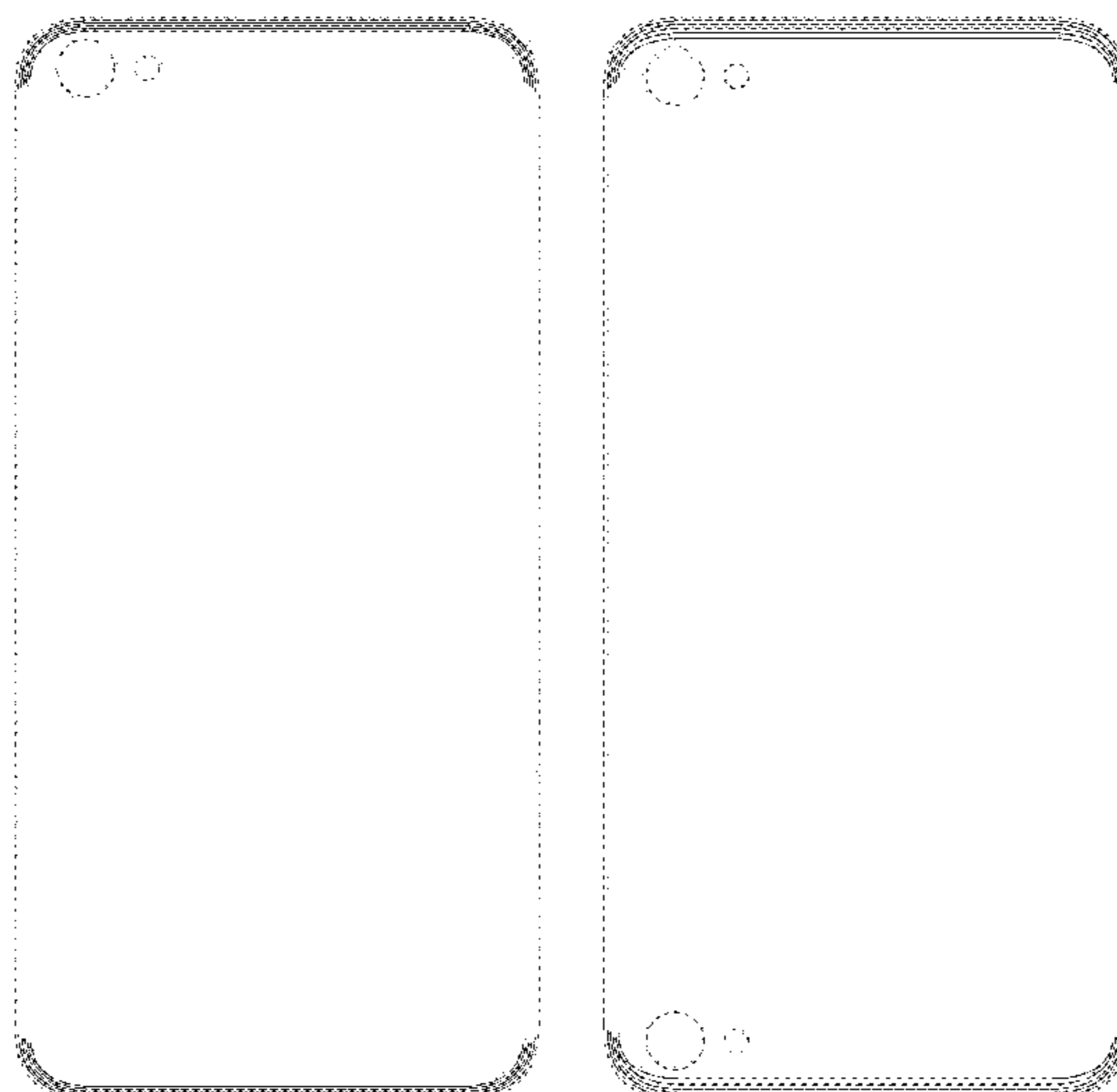
The ornamental design for an antenna insulator for a mobile phone, as shown and described.

**DESCRIPTION**

FIG. 1 is a lower, front, right perspective view of the first embodiment of an antenna insulator for a mobile phone, showing my new design;  
 FIG. 2 is a front view thereof;  
 FIG. 3 is a rear view thereof;  
 FIG. 4 is a left side view thereof;  
 FIG. 5 is a partially enlarged view of the top, left side view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a top view thereof;  
 FIG. 8 is the bottom view thereof;  
 FIG. 9 is a lower, front, right perspective view of the second embodiment of an antenna insulator for a mobile phone, showing my new design;  
 FIG. 10 is a front view thereof; the rear view being identical to FIG. 3;  
 FIG. 11 is a left side view thereof;  
 FIG. 12 is a partially enlarged view of the top, left side view thereof;  
 FIG. 13 is a right side view thereof;  
 FIG. 14 is a top view thereof; and,  
 FIG. 15 is the bottom view thereof.

The broken line in the figure drawings represents unclaimed environment only and forms no part of the claimed design.

**1 Claim, 13 Drawing Sheets**



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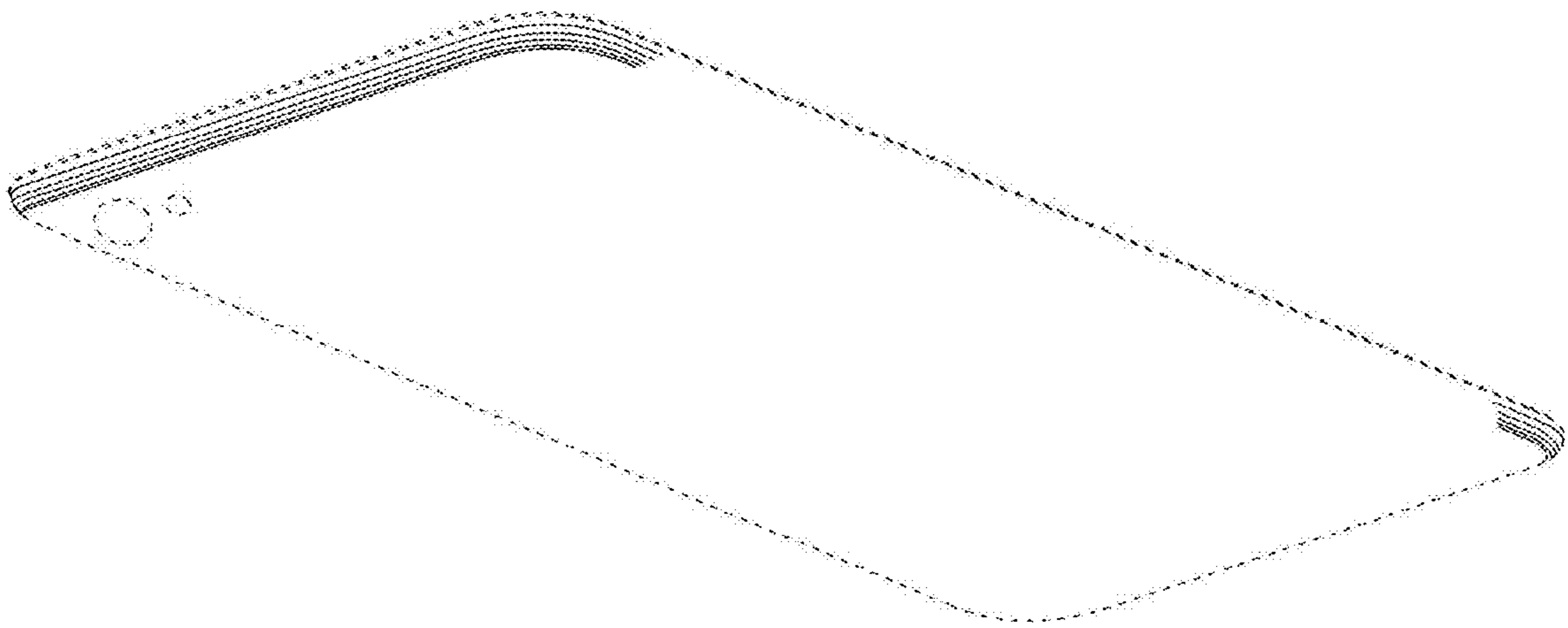


FIG. 1



FIG. 2

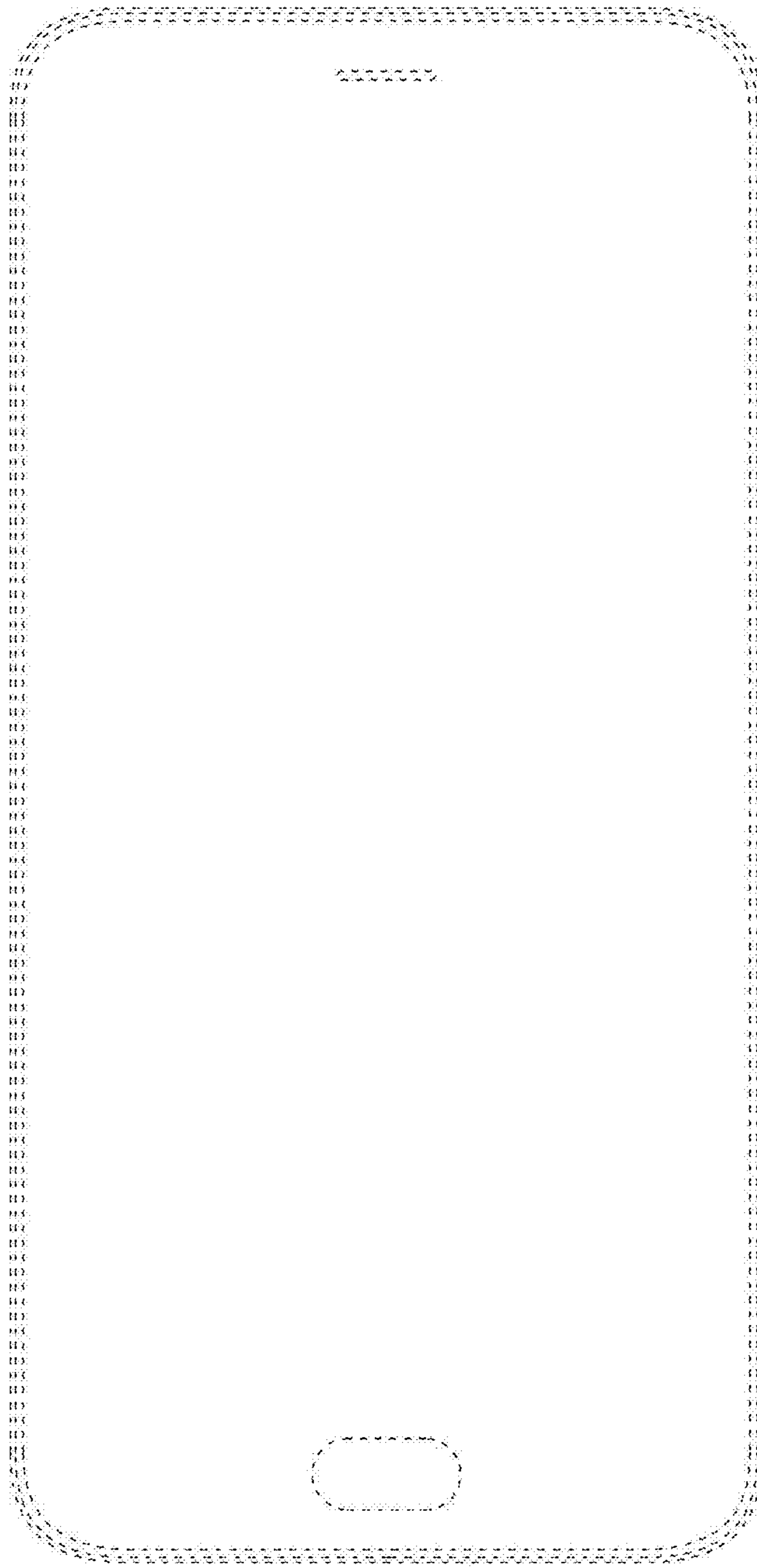


FIG. 3

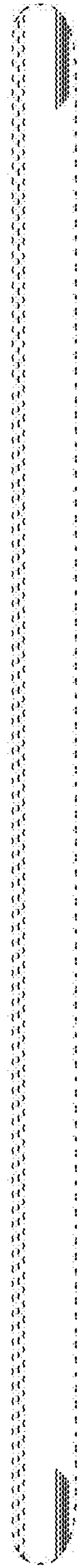


FIG. 4

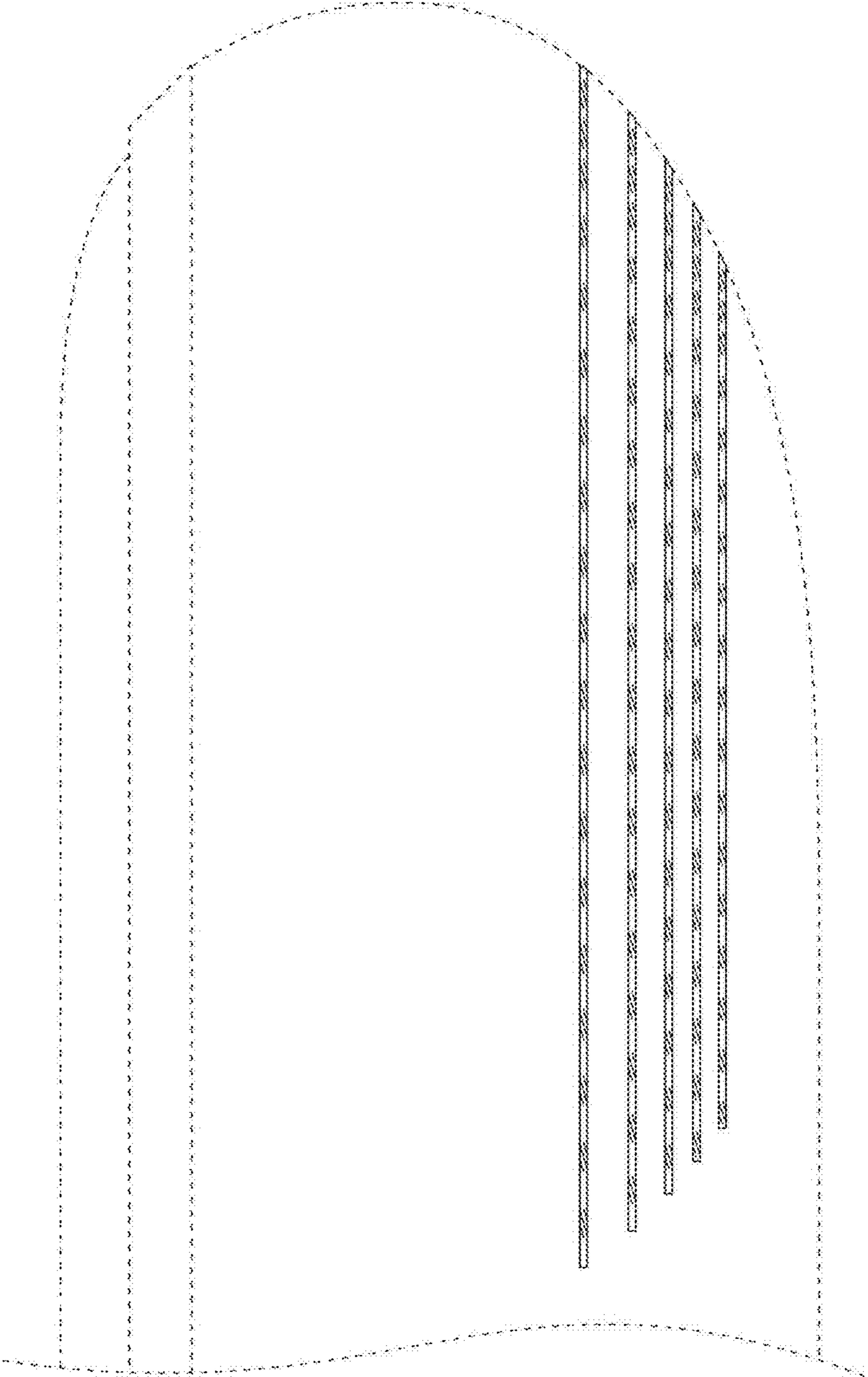


FIG. 5

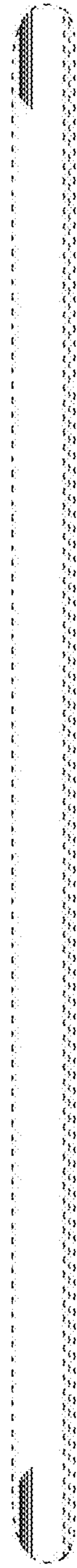


FIG. 6





FIG. 7



FIG. 8

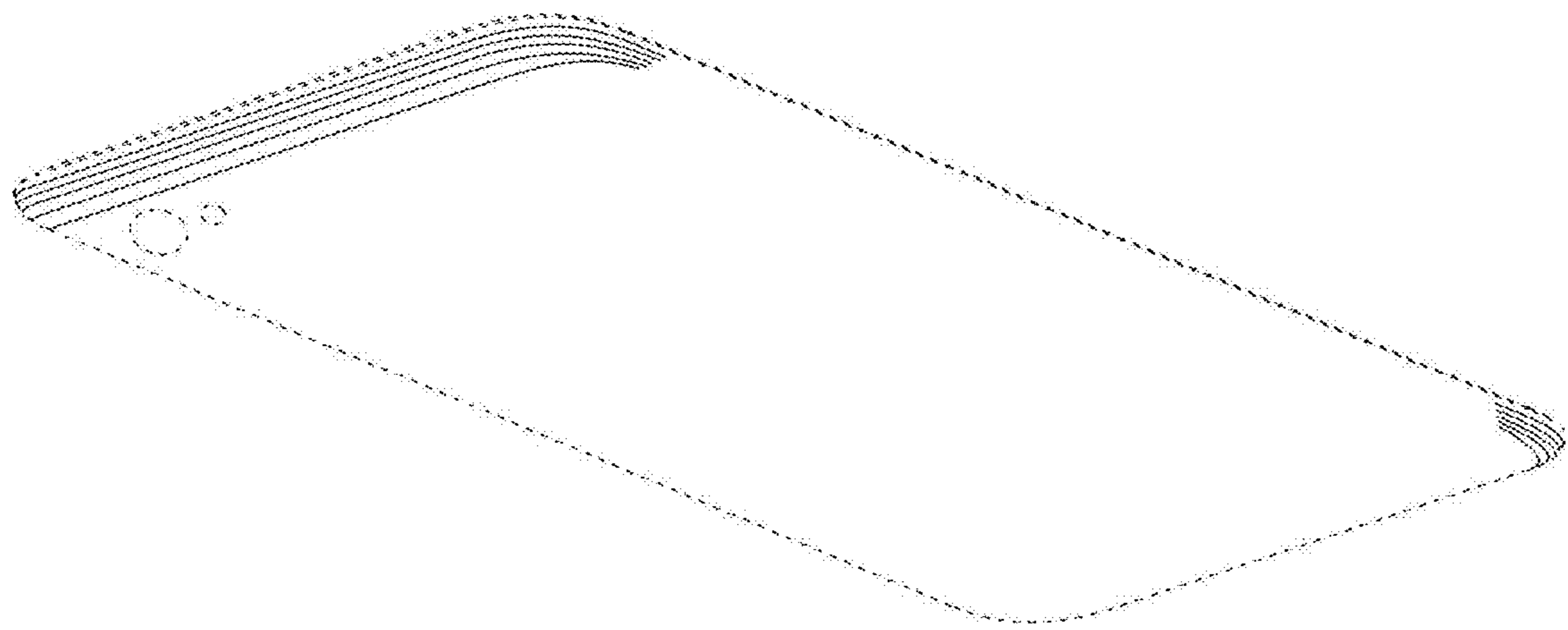


FIG. 9



FIG. 10

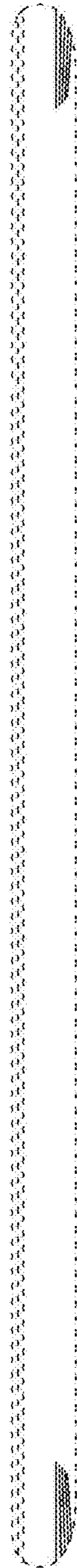


FIG. 11

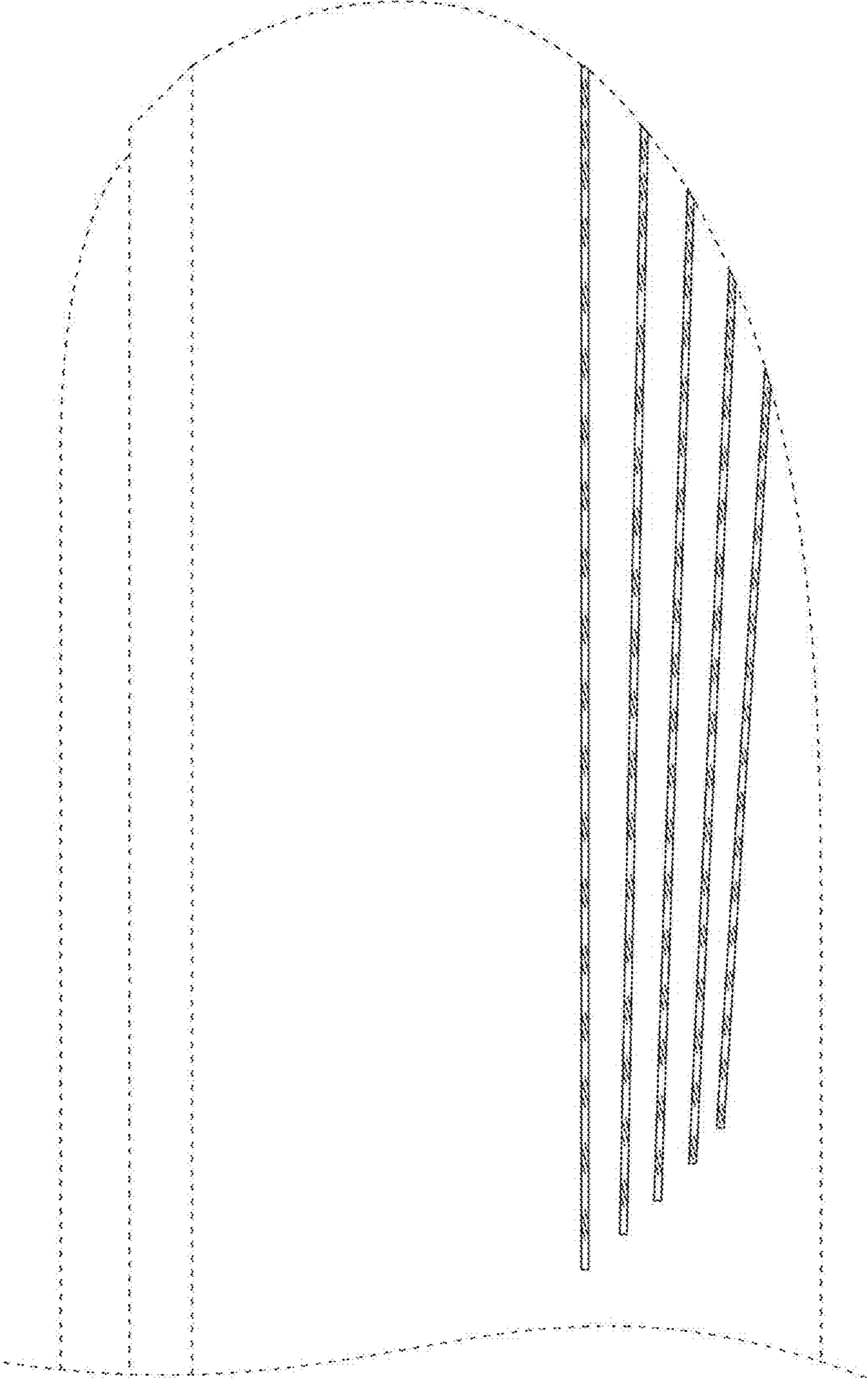


FIG. 12

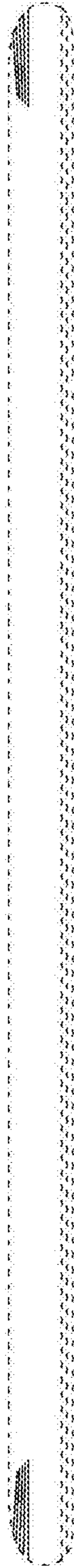


FIG. 13



FIG. 14



FIG. 15