



US00D830349S

(12) **United States Design Patent** (10) **Patent No.:** **US D830,349 S**
Gong (45) **Date of Patent:** **** Oct. 9, 2018**

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

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

(21) Appl. No.: **29/560,387**

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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

(Continued)

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Assistant Examiner — Mojtaba Tehrani

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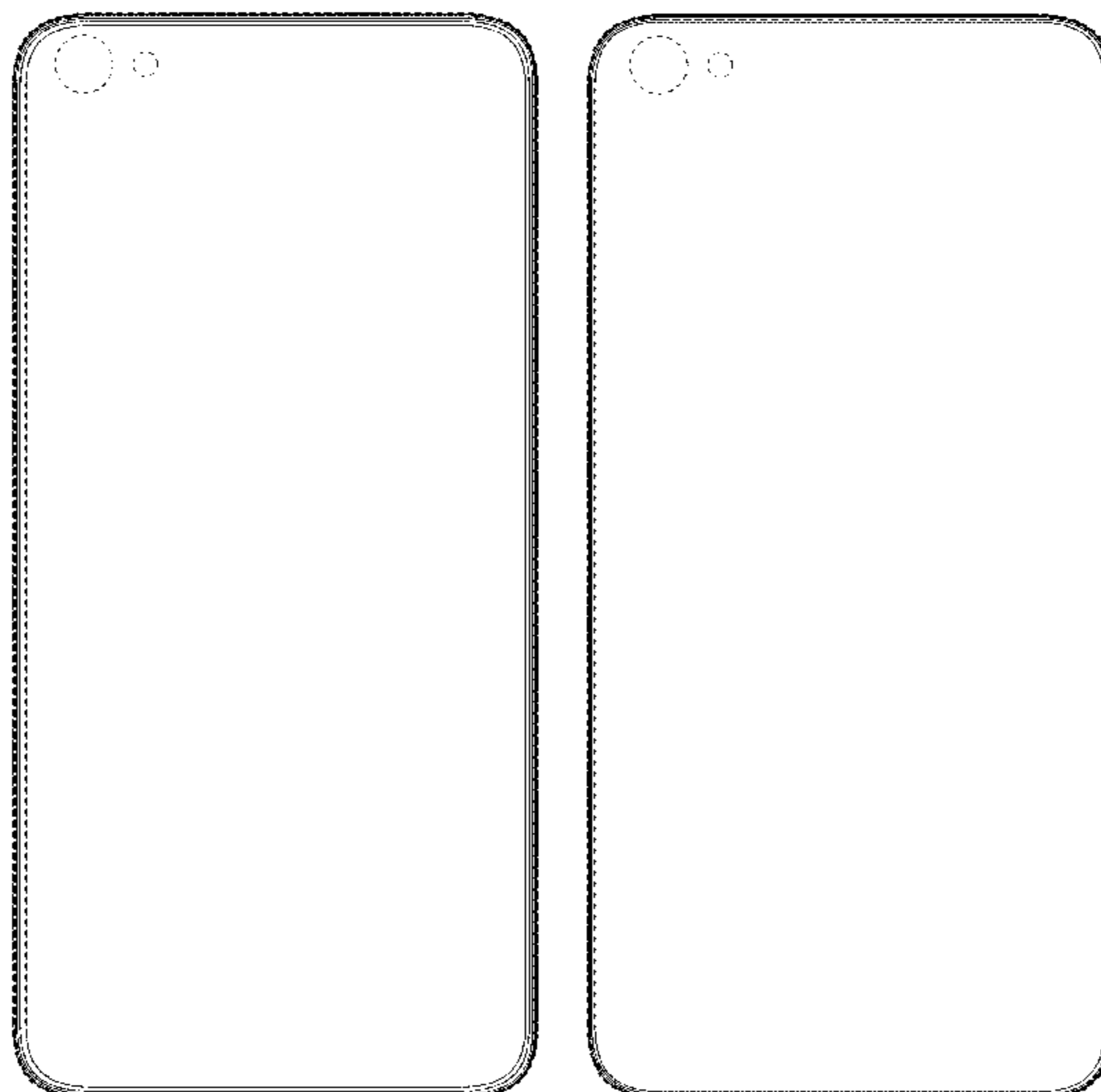
(57) **CLAIM**

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 left side view thereof;
FIG. 4 is a partially enlarged view of the top, left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a lower, front, right perspective view of the second embodiment of an antenna insulator for a mobile phone, showing my new design;
FIG. 9 is a front view thereof;
FIG. 10 is a left side view thereof;
FIG. 11 is a partially enlarged view of the top, left side view thereof;
FIG. 12 is a right side view thereof;
FIG. 13 is a top view thereof;
FIG. 14 is a bottom view thereof;
FIG. 15 is a lower, front, right perspective view of the third embodiment of an antenna insulator for a mobile phone, showing my new design;
FIG. 16 is a front view thereof;
FIG. 17 is a left side view thereof;
FIG. 18 is a partially enlarged view of the top, left side view thereof;
FIG. 19 is a right side view thereof;
FIG. 20 is a top view thereof; and,
FIG. 21 is a bottom view thereof.
The broken line in the figure drawings represents unclaimed environment only and forms no part of the claimed design.

1 Claim, 18 Drawing Sheets



(58) **Field of Classification Search**

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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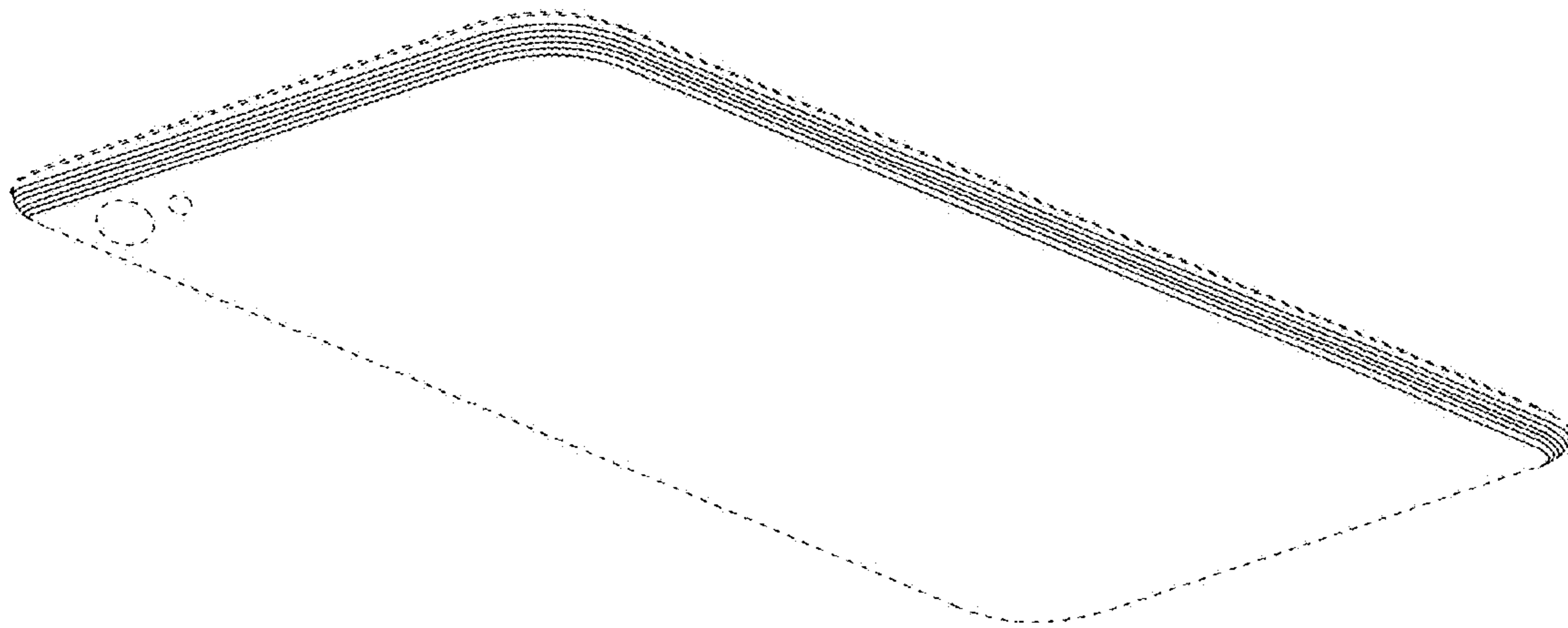


FIG. 1

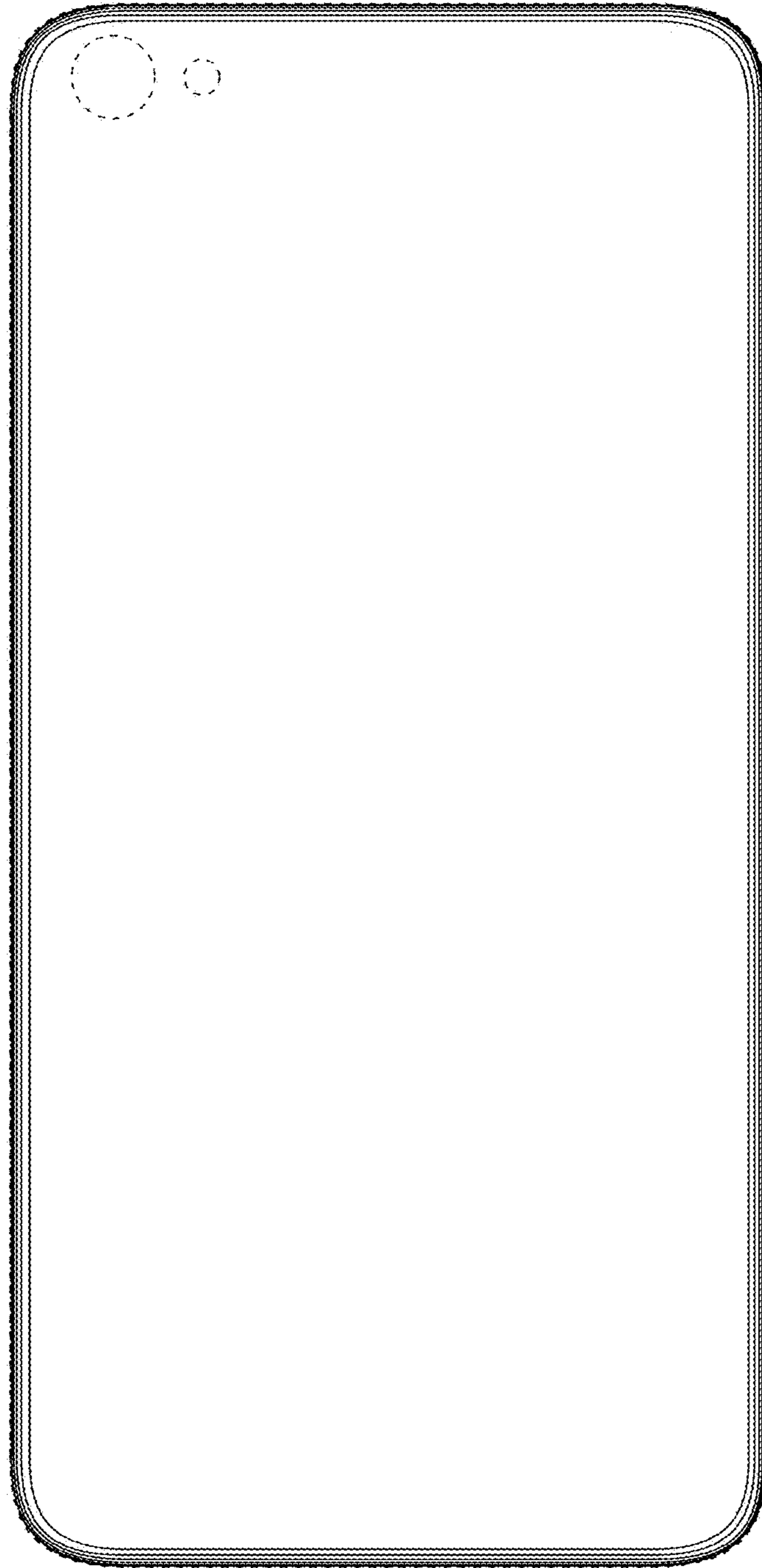


FIG. 2

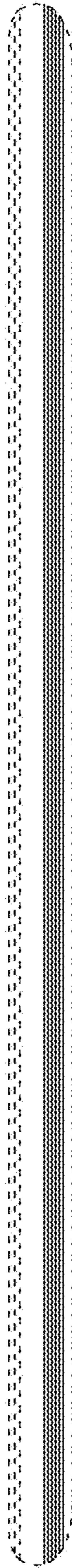


FIG. 3

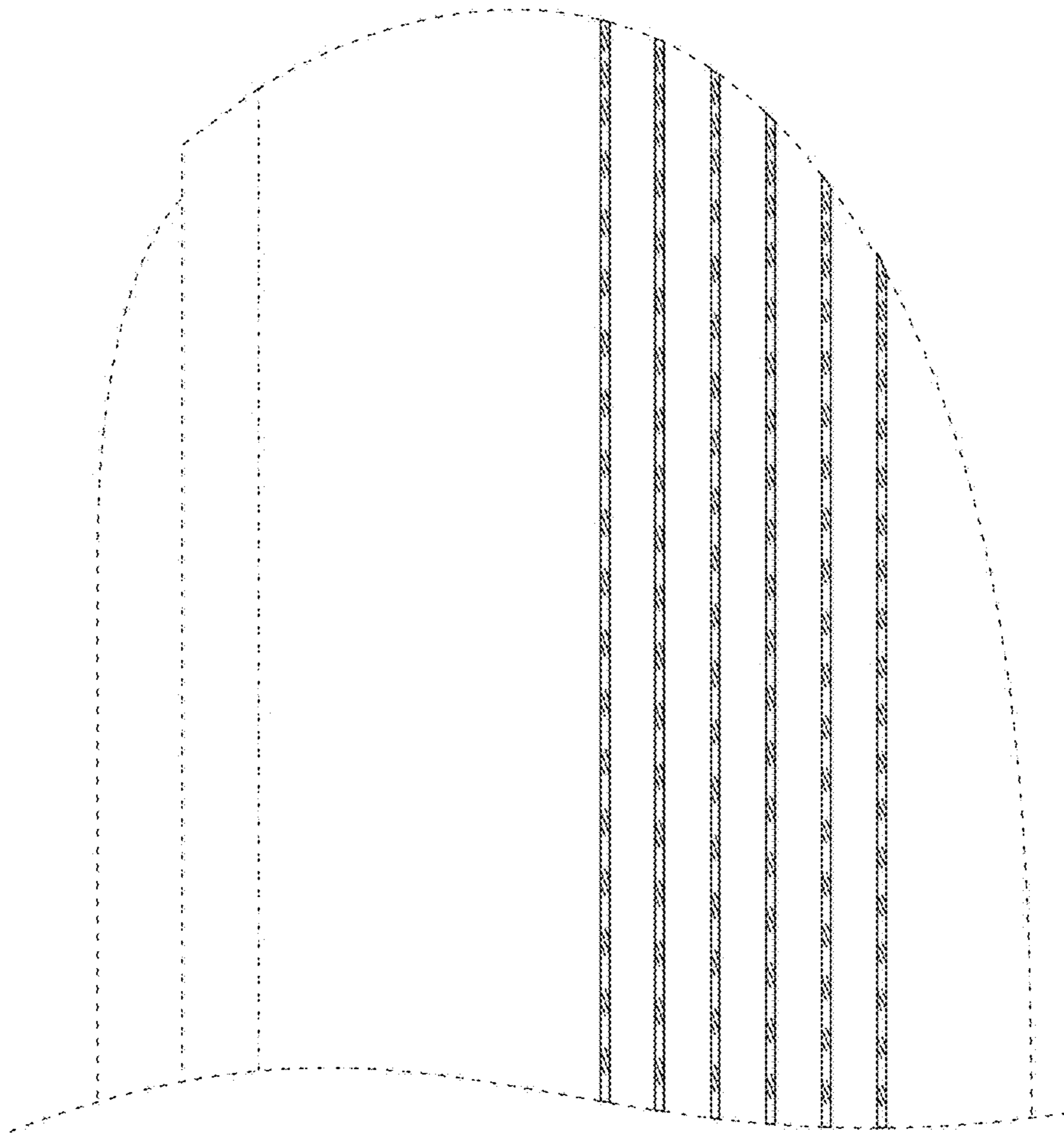


FIG. 4

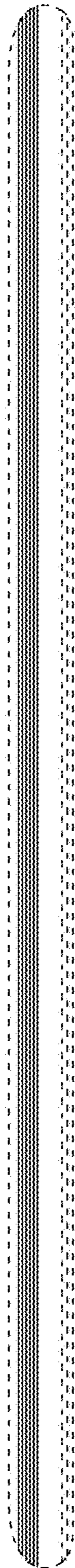


FIG. 5



FIG. 6

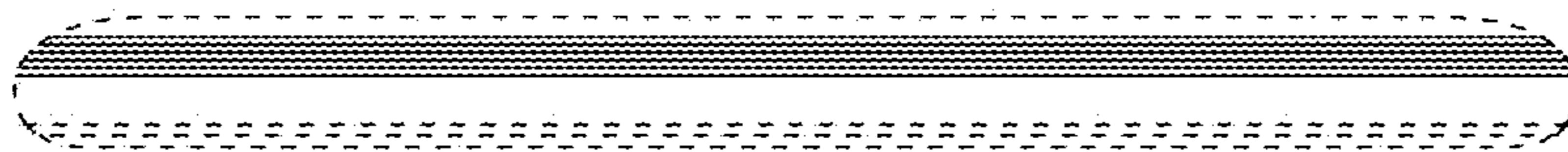


FIG. 7

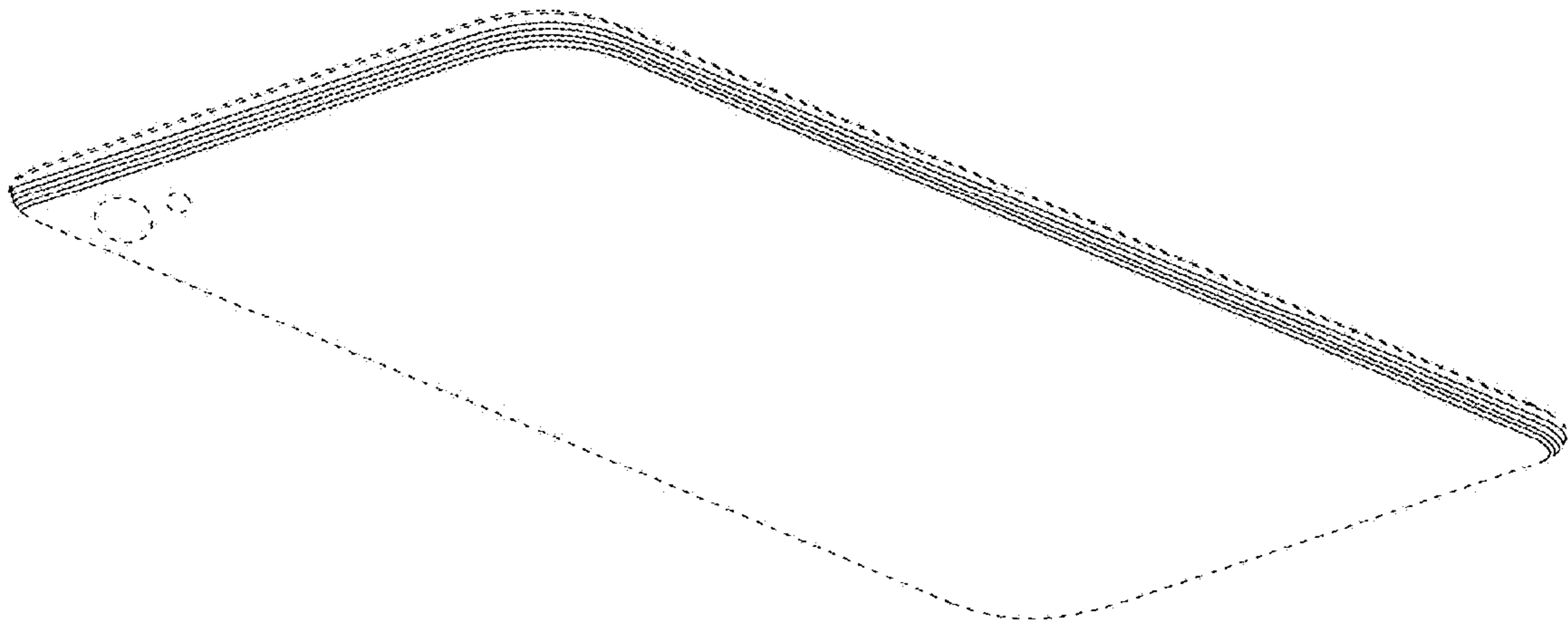


FIG. 8

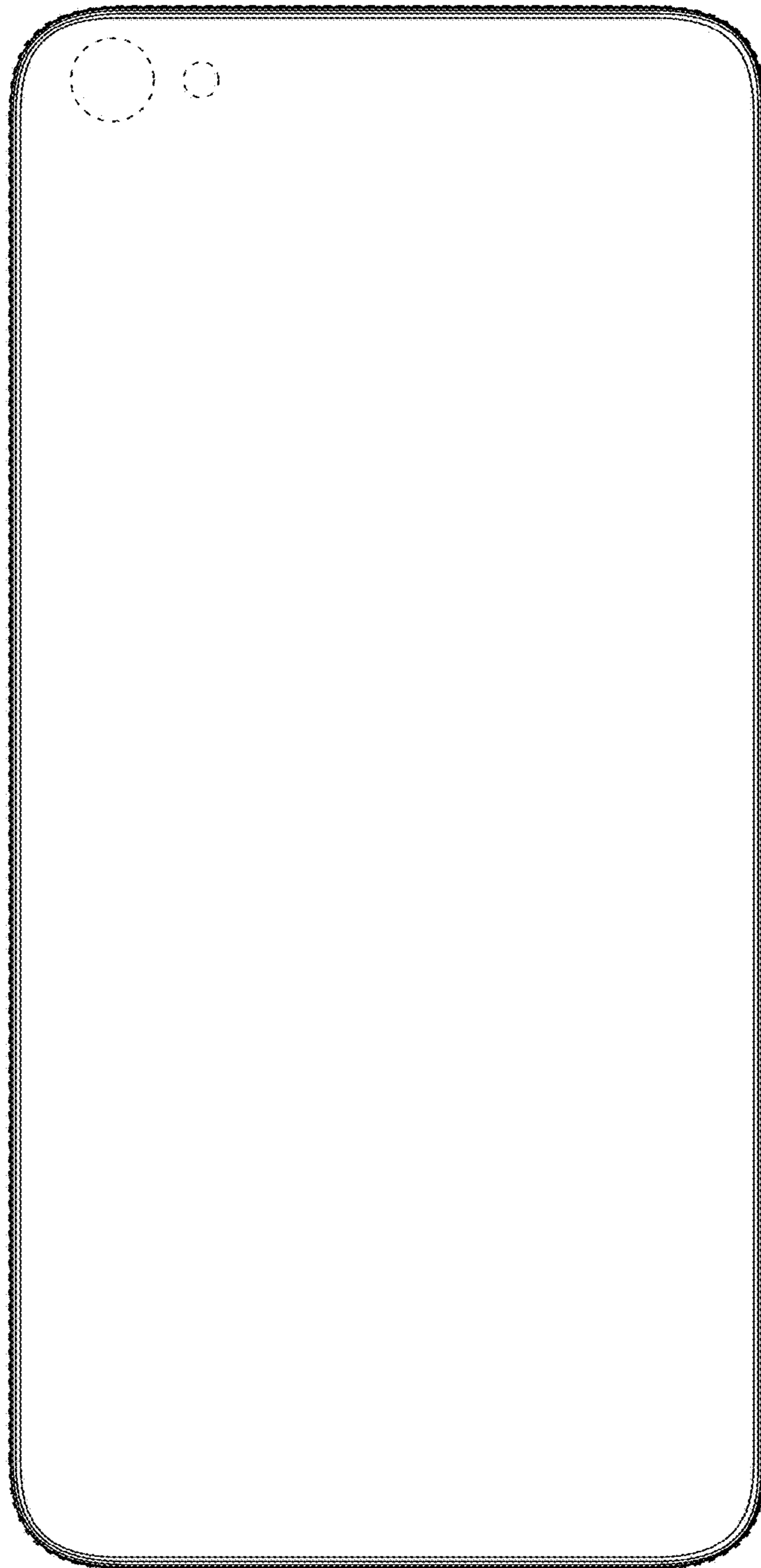


FIG. 9

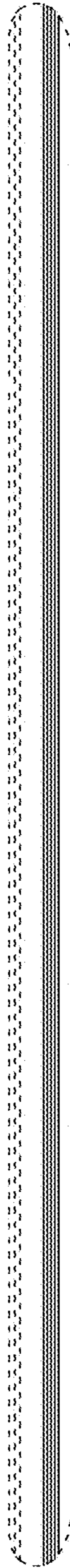


FIG. 10

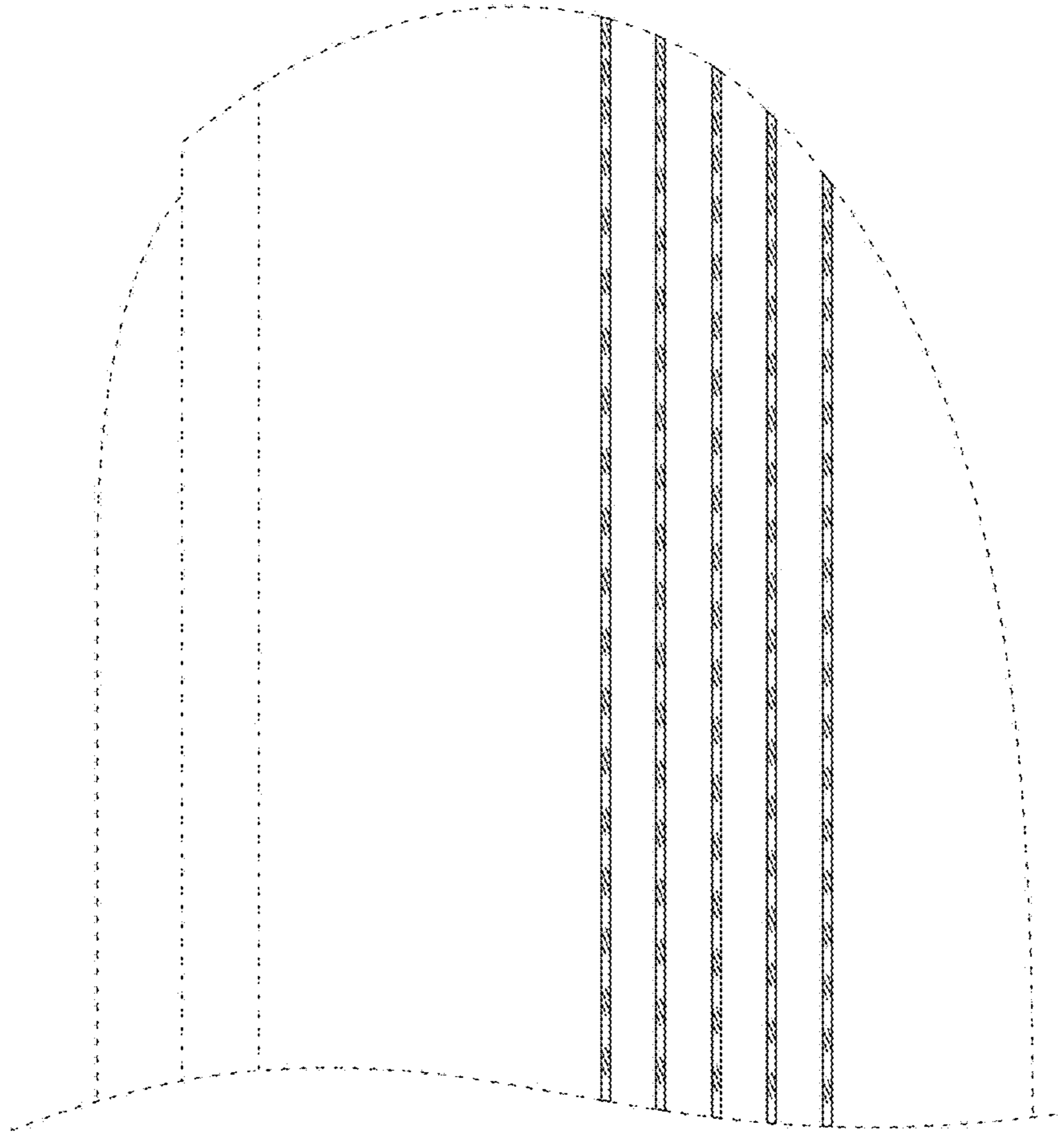


FIG. 11

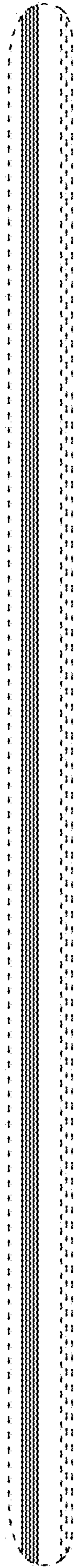


FIG. 12

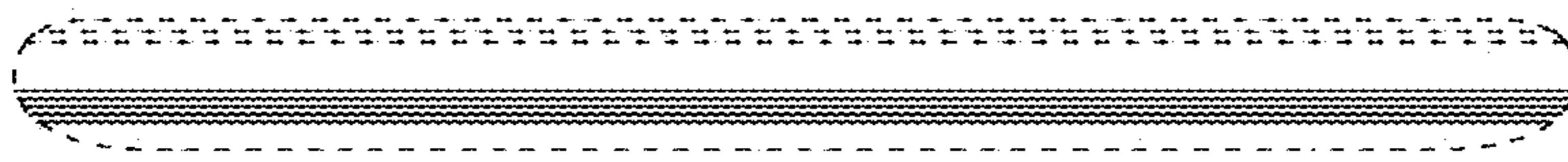


FIG. 13



FIG. 14

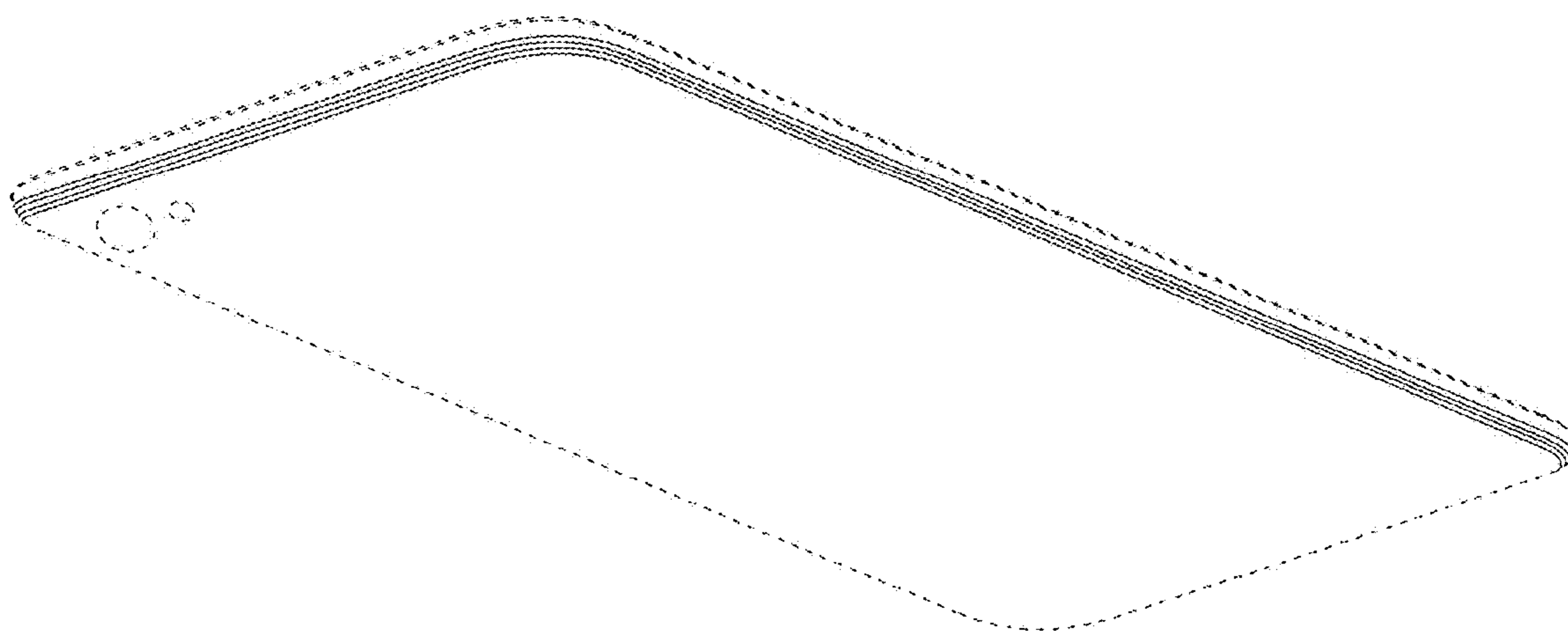


FIG. 15

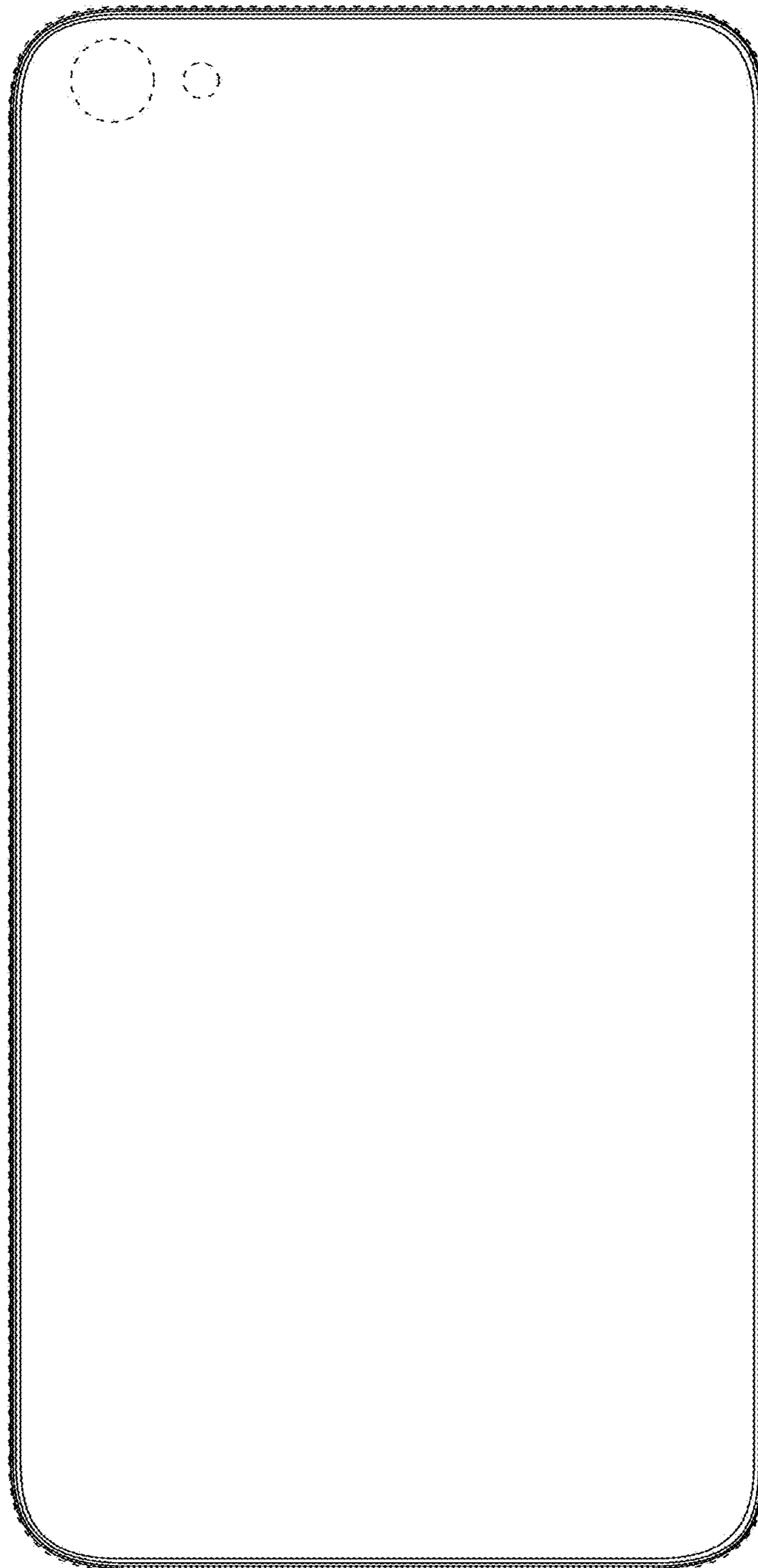


FIG. 16

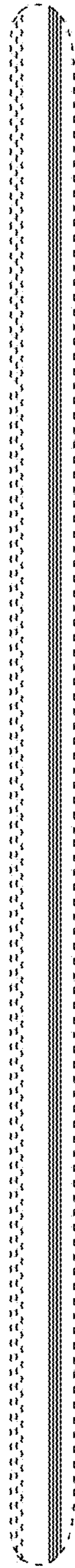


FIG. 17

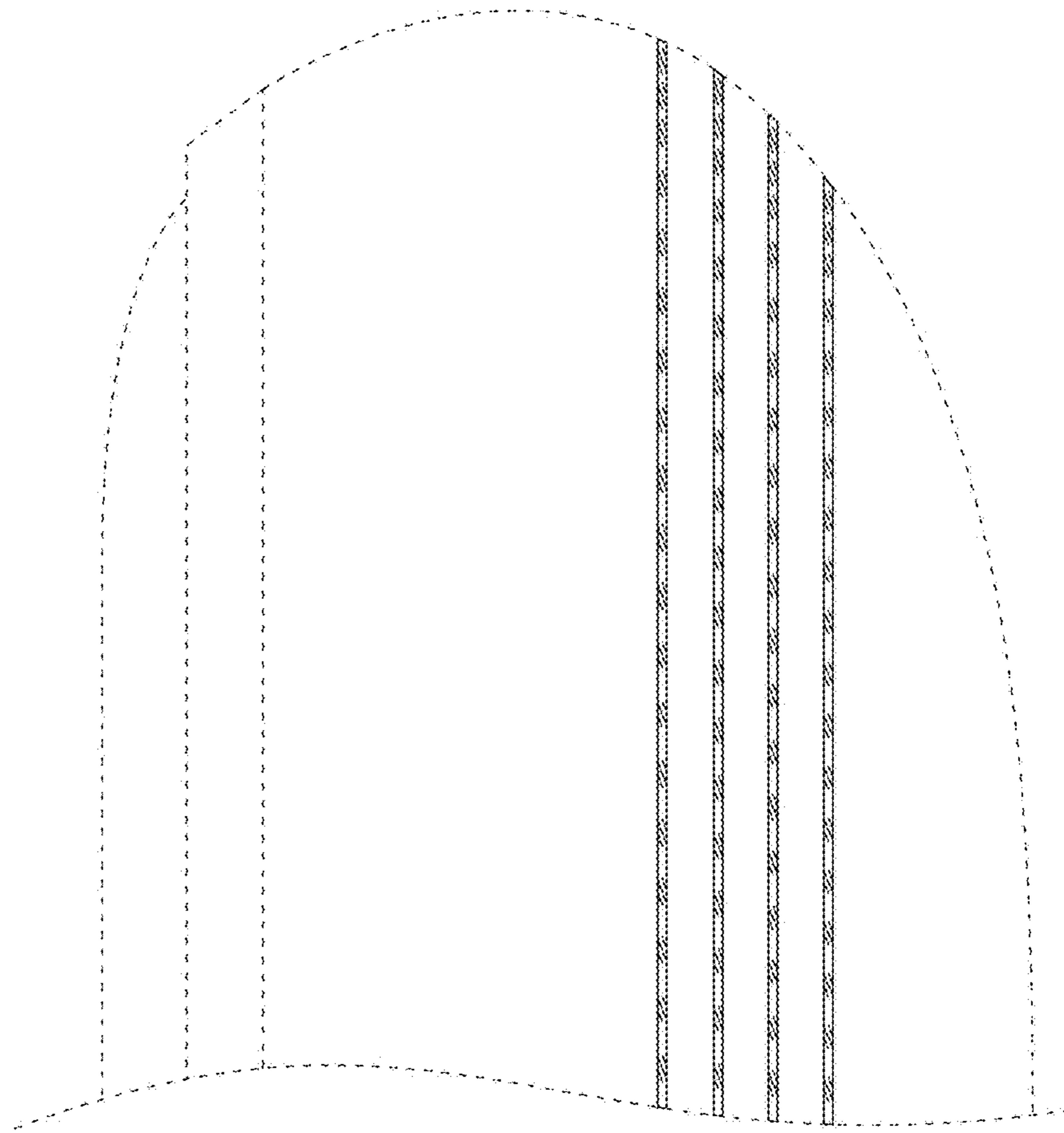


FIG. 18

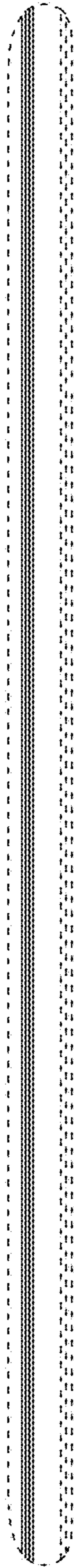


FIG. 19



FIG. 20

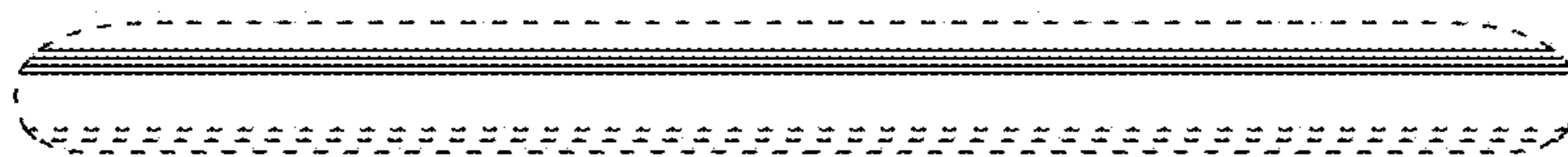


FIG. 21