



US00D936882S

(12) **United States Design Patent** (10) **Patent No.:** **US D936,882 S**  
**Calderon** (45) **Date of Patent:** **\*\* Nov. 23, 2021**

(54) **LED LIGHTS ON SMARTPHONE**  
(71) Applicant: **Isaac Calderon**, San Diego, CA (US)  
(72) Inventor: **Isaac Calderon**, San Diego, CA (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/628,678**  
(22) Filed: **Dec. 6, 2017**  
(51) **LOC (13) Cl.** ..... **26-02**  
(52) **U.S. Cl.**  
USPC ..... **D26/52**  
CPC ..... **F21L 13/00** (2013.01)  
(58) **Field of Classification Search**  
USPC ..... D26/52, 37-51  
CPC . F21L 4/005; F21L 4/025; F21L 4/027; F21L  
4/04; F21L 4/08; F21L 13/00; F21L  
13/08; F21L 14/02; F21L 19/00; F21L  
2/00; F21L 4/00-4/085; F21L  
15/00-15/14; F21L 2001/00; F21L  
2003/00; F21L 2005/00; F21L 25/00  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

|              |         |                 |       |           |
|--------------|---------|-----------------|-------|-----------|
| D485,003 S * | 1/2004  | Olson           | ..... | D26/104   |
| D510,341 S * | 10/2005 | Goldstein       | ..... | D14/239   |
| D514,556 S * | 2/2006  | Rising          | ..... | D14/300   |
| D545,986 S * | 7/2007  | Griffin         | ..... | D26/52    |
| D561,168 S * | 2/2008  | Song            | ..... | D14/188   |
| D567,625 S * | 4/2008  | Mattson         | ..... | D8/307    |
| D598,906 S * | 8/2009  | Chiba           | ..... | D14/240   |
| D633,239 S * | 2/2011  | Chen            | ..... | D26/41    |
| D639,494 S * | 6/2011  | Schrimmer       | ..... | D26/104   |
| D648,298 S * | 11/2011 | Pierce          | ..... | D14/138 G |
| D648,471 S * | 11/2011 | Wauters         | ..... | D26/63    |
| D649,148 S * | 11/2011 | Gengoux         | ..... | D14/300   |
| D670,646 S * | 11/2012 | Canova          | ..... | D13/104   |
| D670,843 S * | 11/2012 | von Waldthausen | ..... | D26/37    |
| D684,718 S * | 6/2013  | Ko              | ..... | D26/72    |

|              |         |               |       |           |
|--------------|---------|---------------|-------|-----------|
| D711,463 S * | 8/2014  | Costabeber    | ..... | D18/50    |
| D716,477 S * | 10/2014 | Chu           | ..... | D26/28    |
| D727,387 S * | 4/2015  | Hasegawa      | ..... | D16/203   |
| D745,988 S * | 12/2015 | Ahn           | ..... | D26/38    |
| D754,109 S * | 4/2016  | Kelly         | ..... | D14/240   |
| D772,221 S * | 11/2016 | Kacin         | ..... | D14/308   |
| D773,706 S * | 12/2016 | Ookawa        | ..... | D26/51    |
| D779,242 S * | 2/2017  | Kacin         | ..... | D6/682.5  |
| D781,250 S * | 3/2017  | Cartwright    | ..... | D13/168   |
| D785,365 S * | 5/2017  | Newlin        | ..... | D6/526    |
| D820,488 S * | 6/2018  | Kinsen Ka Fai | ..... | D26/37    |
| D824,368 S * | 7/2018  | Kacin         | ..... | D14/218   |
| D858,830 S * | 9/2019  | Grandadam     | ..... | D26/37    |
| D862,406 S * | 10/2019 | Choi          | ..... | D14/138 G |
| D869,419 S * | 12/2019 | Cho           | ..... | D14/138 G |
| D874,531 S * | 2/2020  | Chen          | ..... | D16/202   |
| D874,532 S * | 2/2020  | Chen          | ..... | D16/202   |
| D883,433 S * | 5/2020  | Wang          | ..... | D23/214   |
| D887,471 S * | 6/2020  | Chen          | ..... | D16/202   |
| D887,472 S * | 6/2020  | Chen          | ..... | D16/202   |

(Continued)

*Primary Examiner* — Richard E Chilcot  
(74) *Attorney, Agent, or Firm* — Lewis Kohn & Walker  
LLP; Kari Moyer-Henry; Kent M. Walker

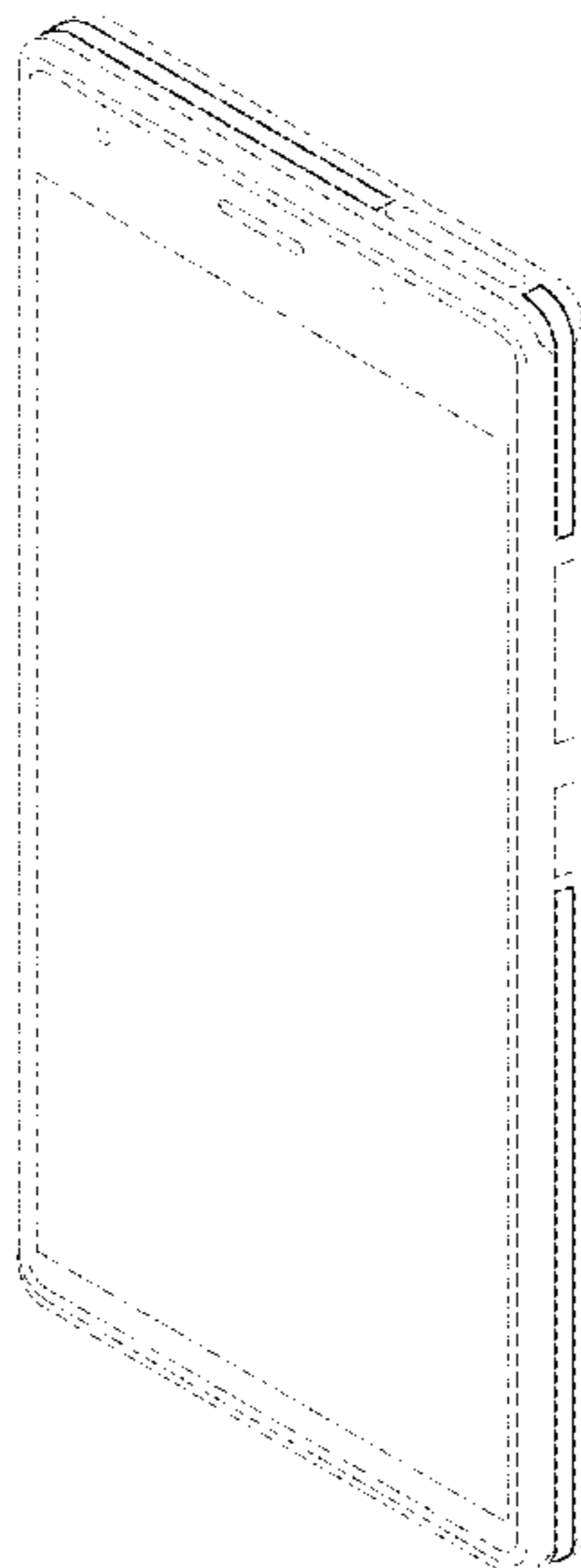
(57) **CLAIM**

The ornamental design for LED lights on smartphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevation view of LED lights on smartphone showing the new design;  
FIG. 2 is a rear elevation view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.  
The dashed lines in the drawing illustrate portions of the design that form no part of the claim.

**1 Claim, 6 Drawing Sheets**



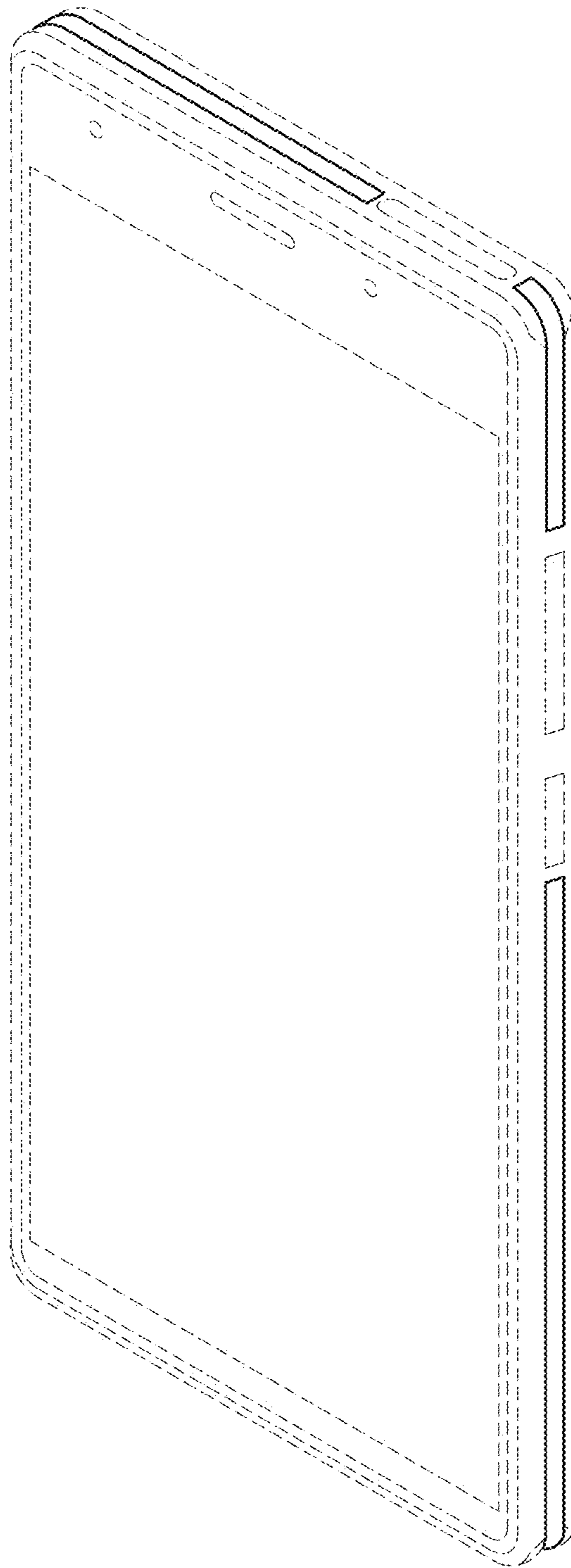
(56)

**References Cited**

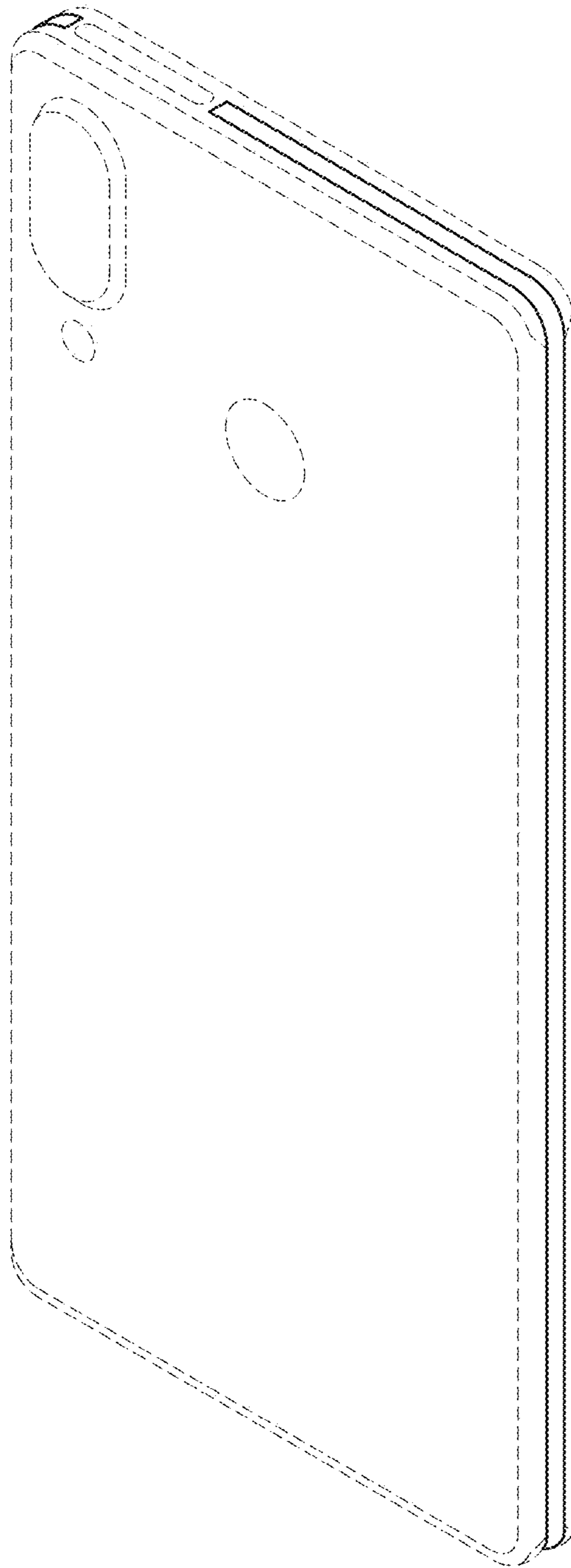
U.S. PATENT DOCUMENTS

D889,450 S \* 7/2020 Choi ..... D14/248  
D889,712 S \* 7/2020 Liu ..... D26/37  
D904,657 S \* 12/2020 Proeber ..... D26/42  
D914,953 S \* 3/2021 Yang ..... D26/106  
11,035,556 B2 \* 6/2021 Proeber ..... F21V 23/0414

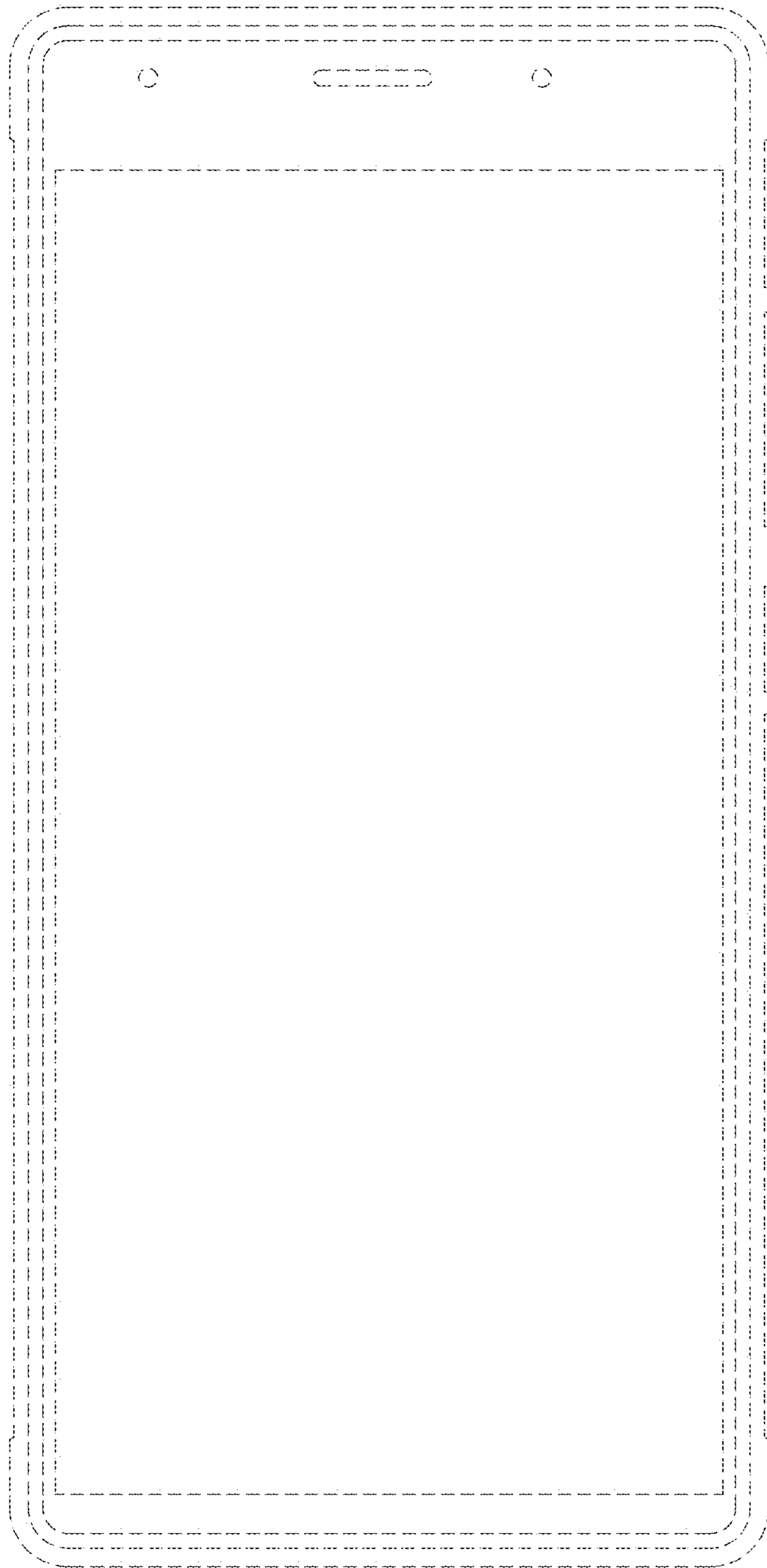
\* cited by examiner



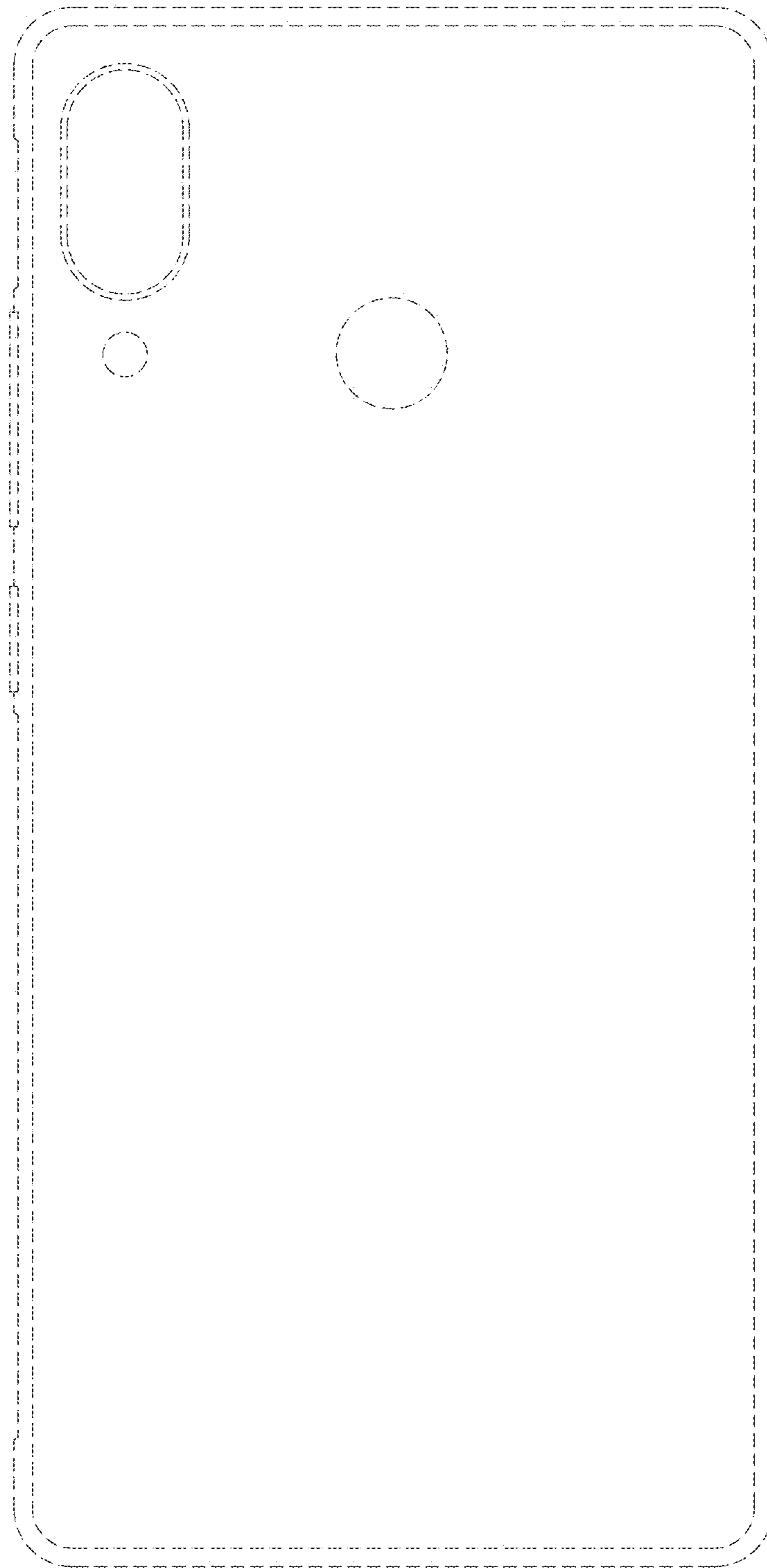
**FIG. 1**



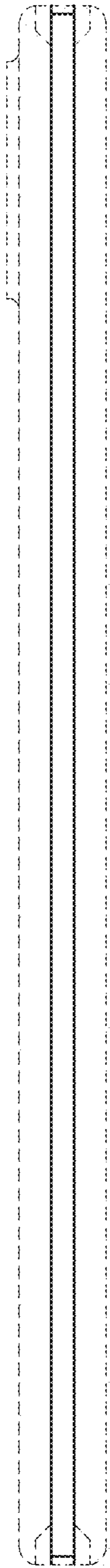
**FIG. 2**



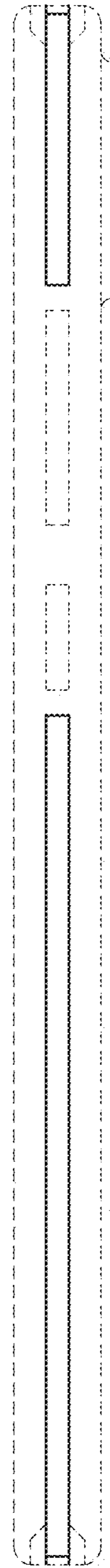
**FIG. 3**



**FIG. 4**

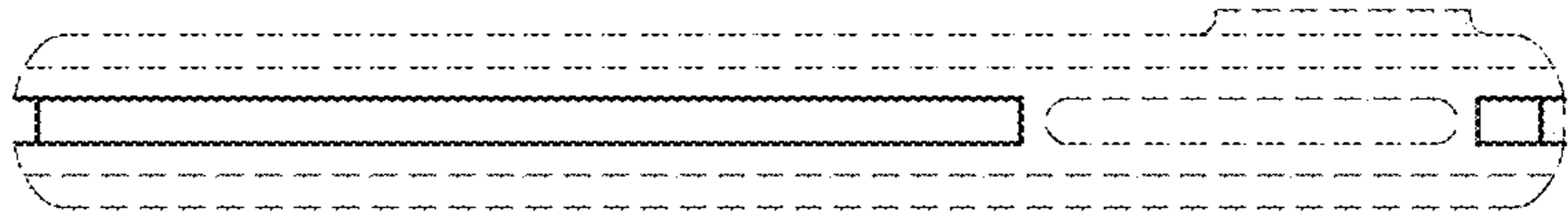


**FIG. 5**

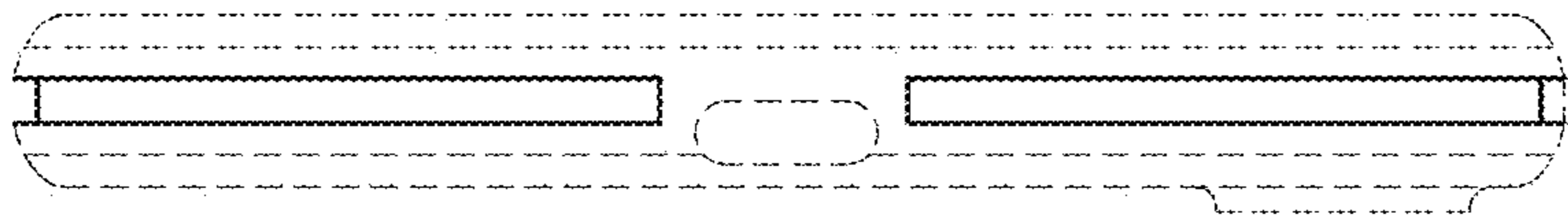


**FIG. 6**





**FIG. 7**



**FIG. 8**