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(12) **United States Design Patent** (10) **Patent No.:** **US D988,310 S**  
**Peng** (45) **Date of Patent:** **\*\* Jun. 6, 2023**

(54) **VEHICLE DIAGNOSTIC DEVICE**  
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D14/389, 432, 450-451, 496, 125-127,  
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D14/203.8; D10/76-78; D21/329  
CPC ..... G06F 1/16; G06F 1/1601; G06F 1/1605;  
G06F 1/1609; G06F 1/1607; G06F  
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G06F 1/1696; G06F 1/1698; H05K 5/00;  
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G01R 1/025; G01R 3/00; G01R 35/00  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D572,615 S \* 7/2008 Gerold ..... D10/78  
D674,386 S \* 1/2013 Mak ..... D14/341  
D701,211 S \* 3/2014 Ng ..... D14/440  
D702,770 S \* 4/2014 Burris ..... D21/329  
D703,210 S \* 4/2014 Gelsomini ..... D14/440  
D703,665 S \* 4/2014 Suzuki ..... D14/341  
D785,617 S \* 5/2017 Bidwell ..... D14/341  
D793,383 S \* 8/2017 Cai ..... D14/341  
D830,209 S \* 10/2018 Wang ..... D10/78  
D837,074 S \* 1/2019 Lu ..... D10/78  
D864,198 S \* 10/2019 Bidwell ..... D14/341  
(Continued)

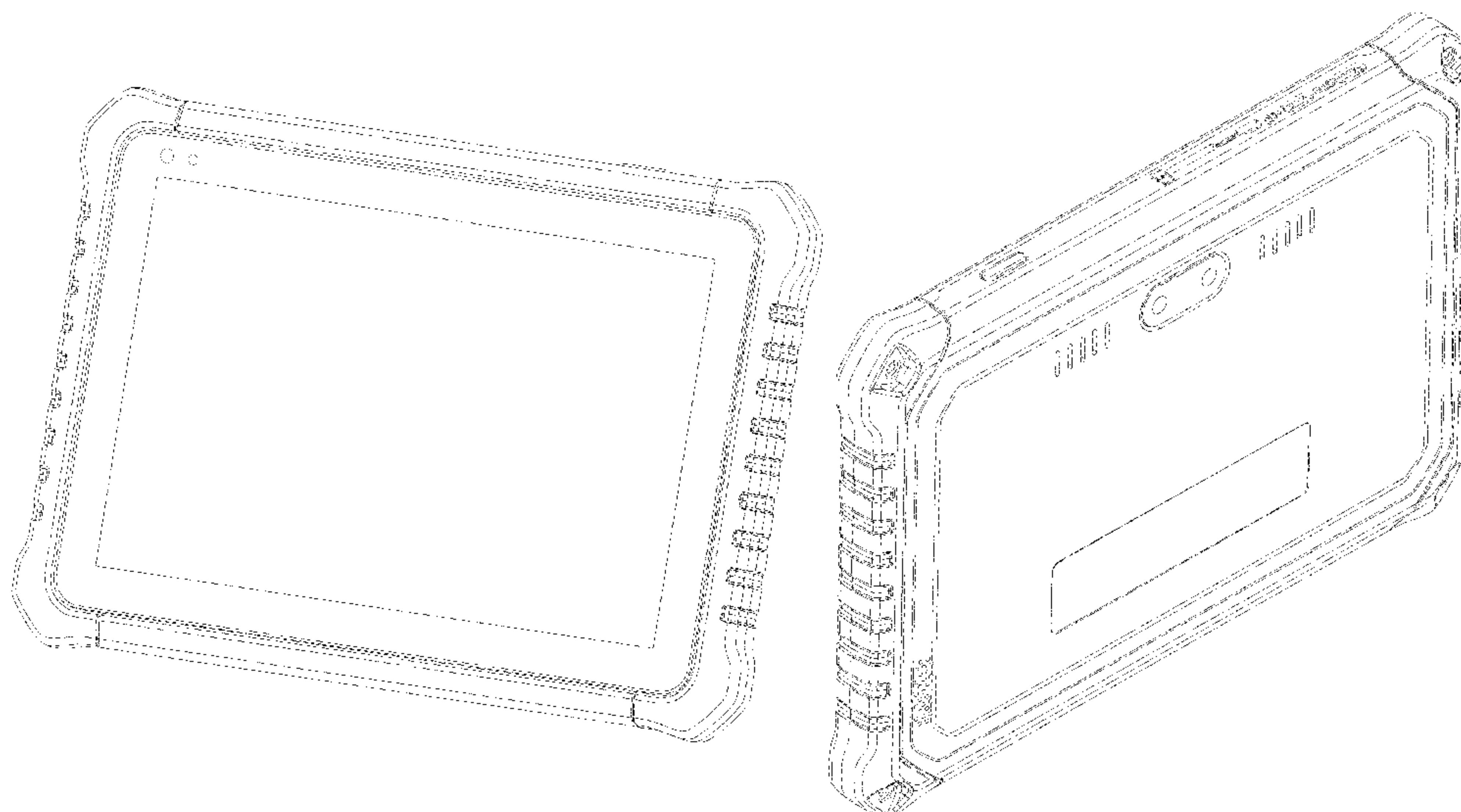
**OTHER PUBLICATIONS**  
Lu, Boming et al. CN Design No. 303997289, published at Orbit,  
publication date Jan. 4, 2017. Site visited Oct. 19, 2022. Available  
from Internet. (Year: 2017).\*  
(Continued)

*Primary Examiner* — Kathleen L Jones

(57) **CLAIM**  
The ornamental design for a vehicle diagnostic device, as  
shown and described.

**DESCRIPTION**  
FIG. 1 is a front elevational view of a vehicle diagnostic  
device showing our new design;  
FIG. 2 is a back elevational view thereof;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a right side elevational view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a first perspective view thereof; and,  
FIG. 8 is a second perspective view thereof.  
The broken lines showing portions of the vehicle diagnostic  
device form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

|              |      |         |            |       |                         |
|--------------|------|---------|------------|-------|-------------------------|
| D910,008     | S *  | 2/2021  | Shi        | ..... | D14/341                 |
| D913,294     | S *  | 3/2021  | Li         | ..... | D14/440                 |
| D921,638     | S *  | 6/2021  | Li         | ..... | D14/440                 |
| D938,841     | S *  | 12/2021 | Lu         | ..... | D10/78                  |
| D939,368     | S *  | 12/2021 | Lu         | ..... | D10/78                  |
| D942,288     | S *  | 2/2022  | Wang       | ..... | D10/78                  |
| D942,456     | S *  | 2/2022  | Liao       | ..... | D14/440                 |
| D944,256     | S *  | 2/2022  | Cheng      | ..... | D14/440                 |
| D949,153     | S *  | 4/2022  | Chen       | ..... | D14/440                 |
| D951,788     | S *  | 5/2022  | Lu         | ..... | D10/78                  |
| D964,871     | S *  | 9/2022  | Lu         | ..... | D10/78                  |
| D971,759     | S *  | 12/2022 | Peng       | ..... | D10/78                  |
| D971,761     | S *  | 12/2022 | Wang       | ..... | D10/78                  |
| D973,667     | S *  | 12/2022 | Ma         | ..... | D14/440                 |
| D978,864     | S *  | 2/2023  | Long       | ..... | D14/440                 |
| 2006/0241829 | A1 * | 10/2006 | Schmeisser | ..... | G06F 1/1609<br>701/33.2 |
| 2006/0241830 | A1 * | 10/2006 | Schmeisser | ..... | G06F 1/1626<br>361/752  |
| 2013/0140837 | A1 * | 6/2013  | Carroll    | ..... | F16M 13/04<br>294/142   |
| 2021/0356989 | A1 * | 11/2021 | Huang      | ..... | G06F 1/166              |

OTHER PUBLICATIONS

Angelov, Dimitar, 2021 Best OBD2 Scanner in 2020, posted at Top Speed, posting date Oct. 26, 2020. Site visited Oct. 19, 2022. URL: <<https://www.topspeed.com/cars/guides/2021-best-obd2-scanner-in-2020-reviewed/>> (Year: 2020).\*

Vanquisher, 8-inch Windows 10 Rugged Field Tablet, posted at Amazon, posting date Jun. 16, 2016. Site visited Oct. 19, 2022. URL: <<https://www.amazon.com/Vanquisher-Windows-Waterproof-MIL-STD-810G-Enterprise/dp/B097PZJXLV/>> (Year: 2016).\*

Autel, MaxiSys Ultra Scanner, posted at Amazon, posting date Dec. 28, 2020. Site visited Oct. 19, 2022. URL: <<https://www.amazon.com/Autel-Diagnostic-Automotive-Programming-Diagnostics/dp/B01E85ID0G/>> (Year: 2020).\*

Mucar, Car Scanner CS4 OBD2 Scanner, posted at Amazon, posting date Aug. 3, 2021. Site visited Oct. 19, 2022. URL: <[https://www.amazon.com/MUCAR-CS4-Transmission-Diagnostic-Throttle/dp/B097K8DJ7T/ref=psdc\\_15707381\\_t1\\_B097K86P2N?th=1](https://www.amazon.com/MUCAR-CS4-Transmission-Diagnostic-Throttle/dp/B097K8DJ7T/ref=psdc_15707381_t1_B097K86P2N?th=1)> (Year: 2021).\*

\* cited by examiner

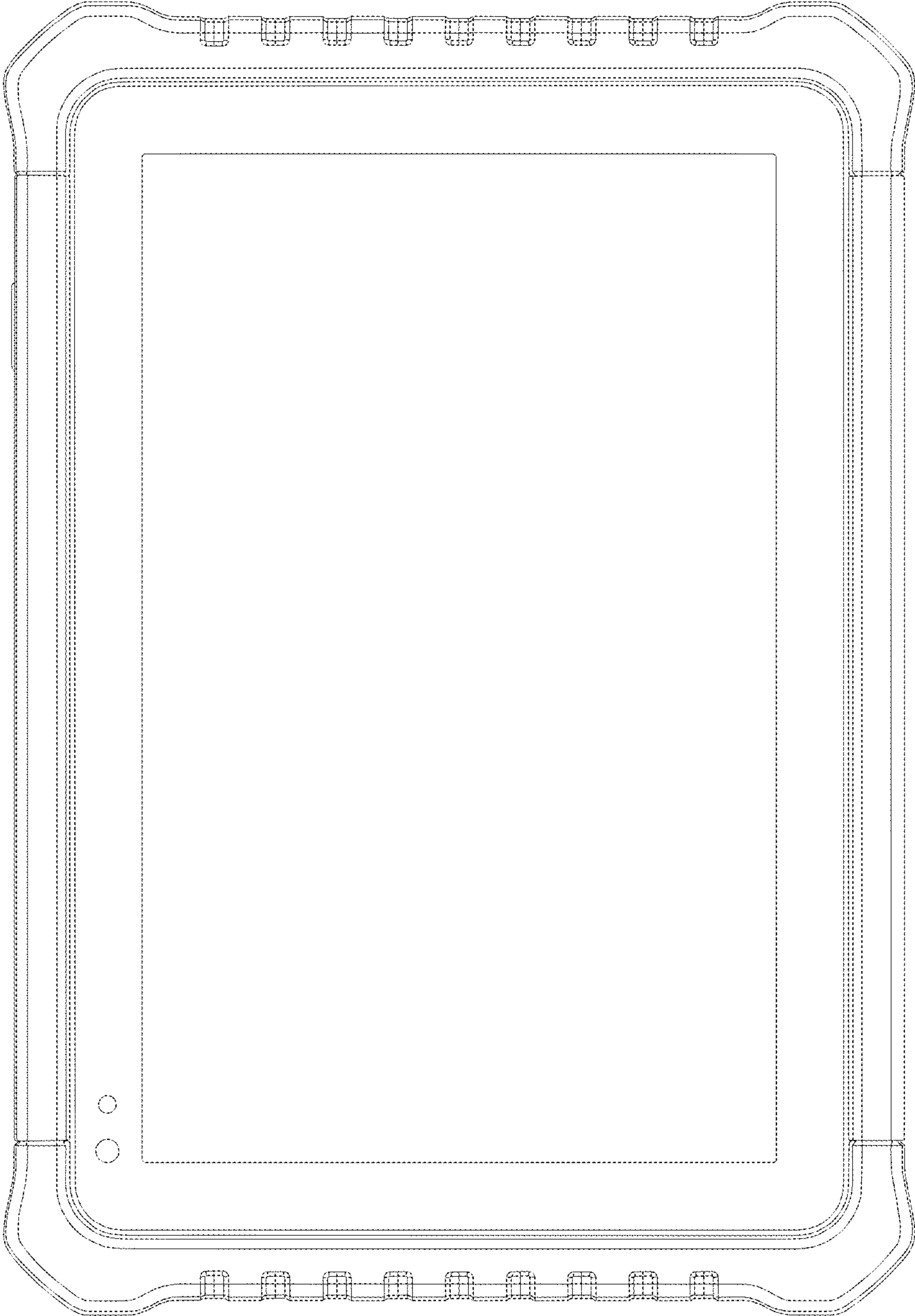


FIG. 1



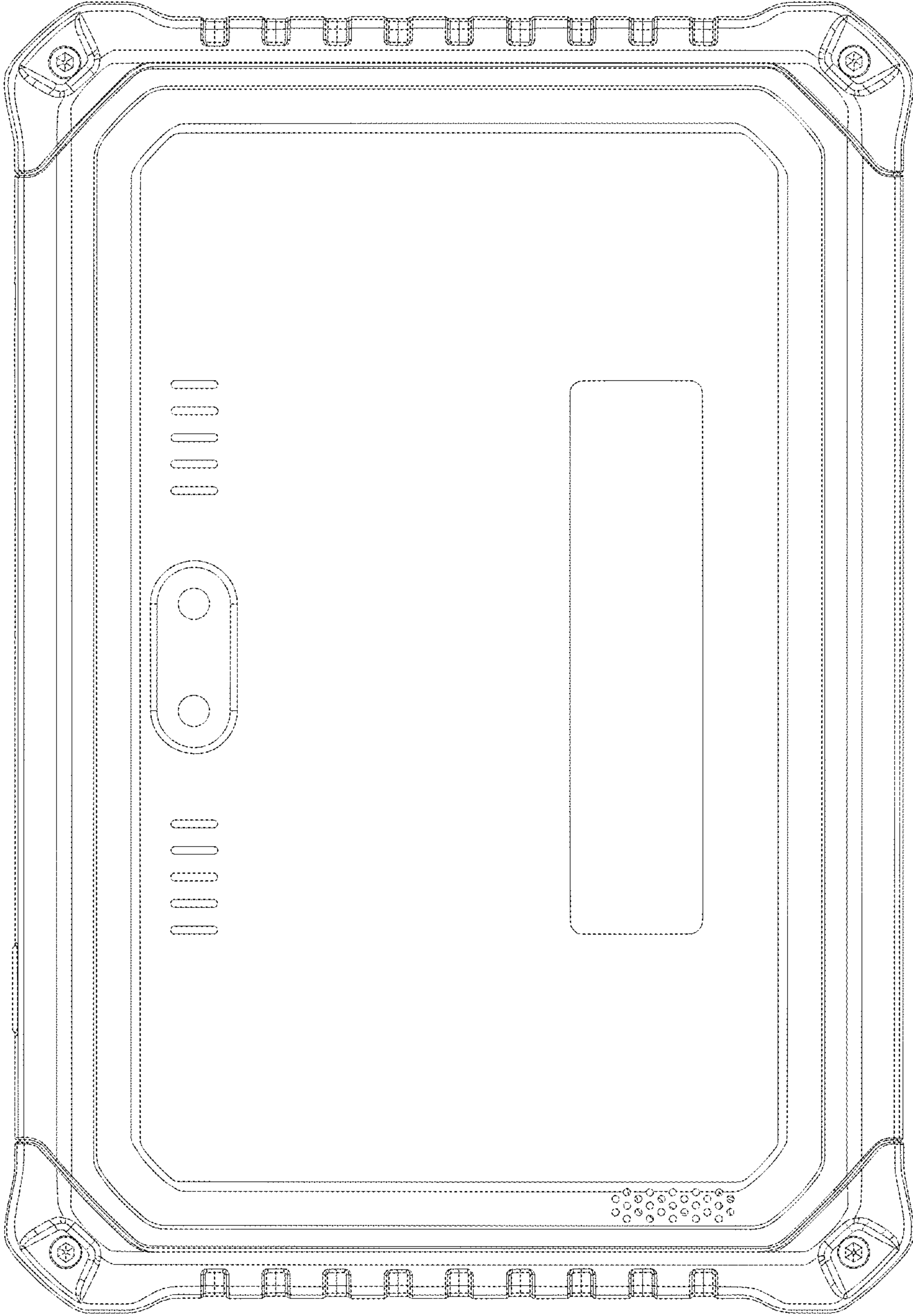
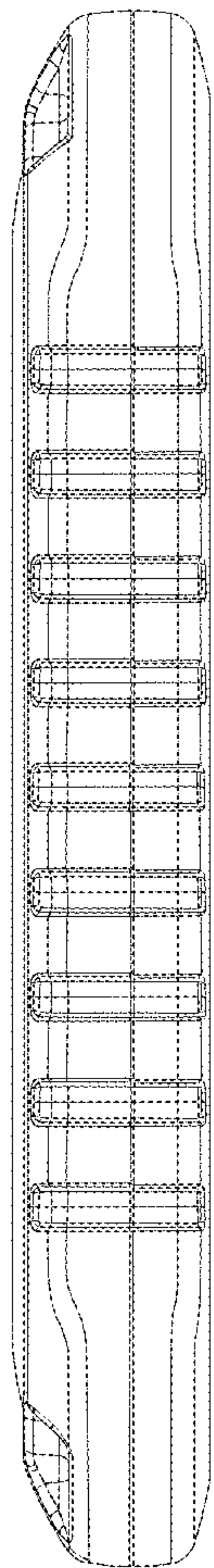
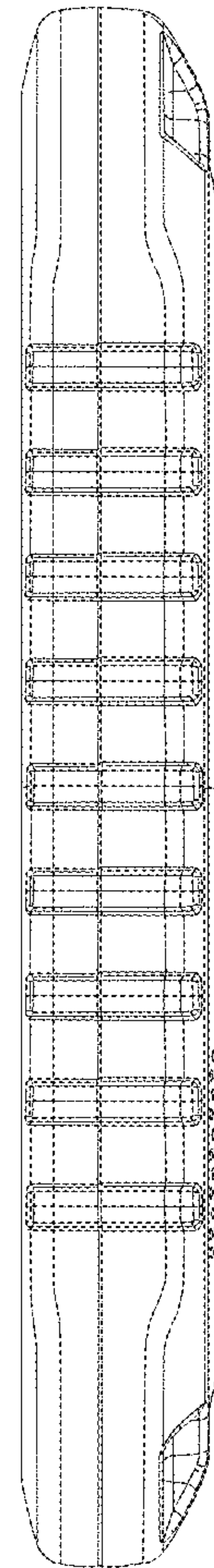


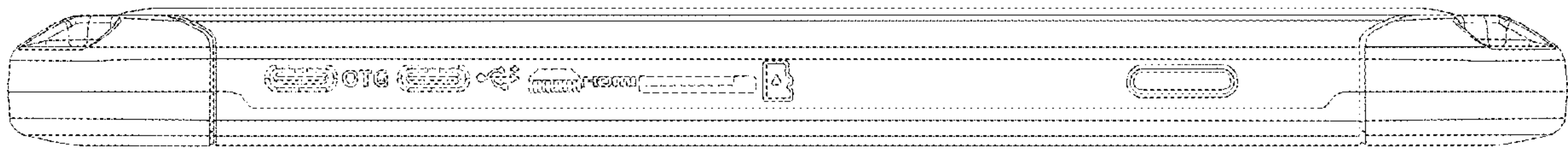
FIG. 2



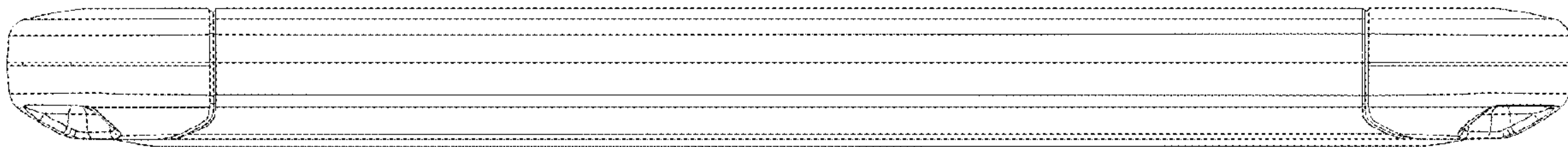
**FIG. 3**



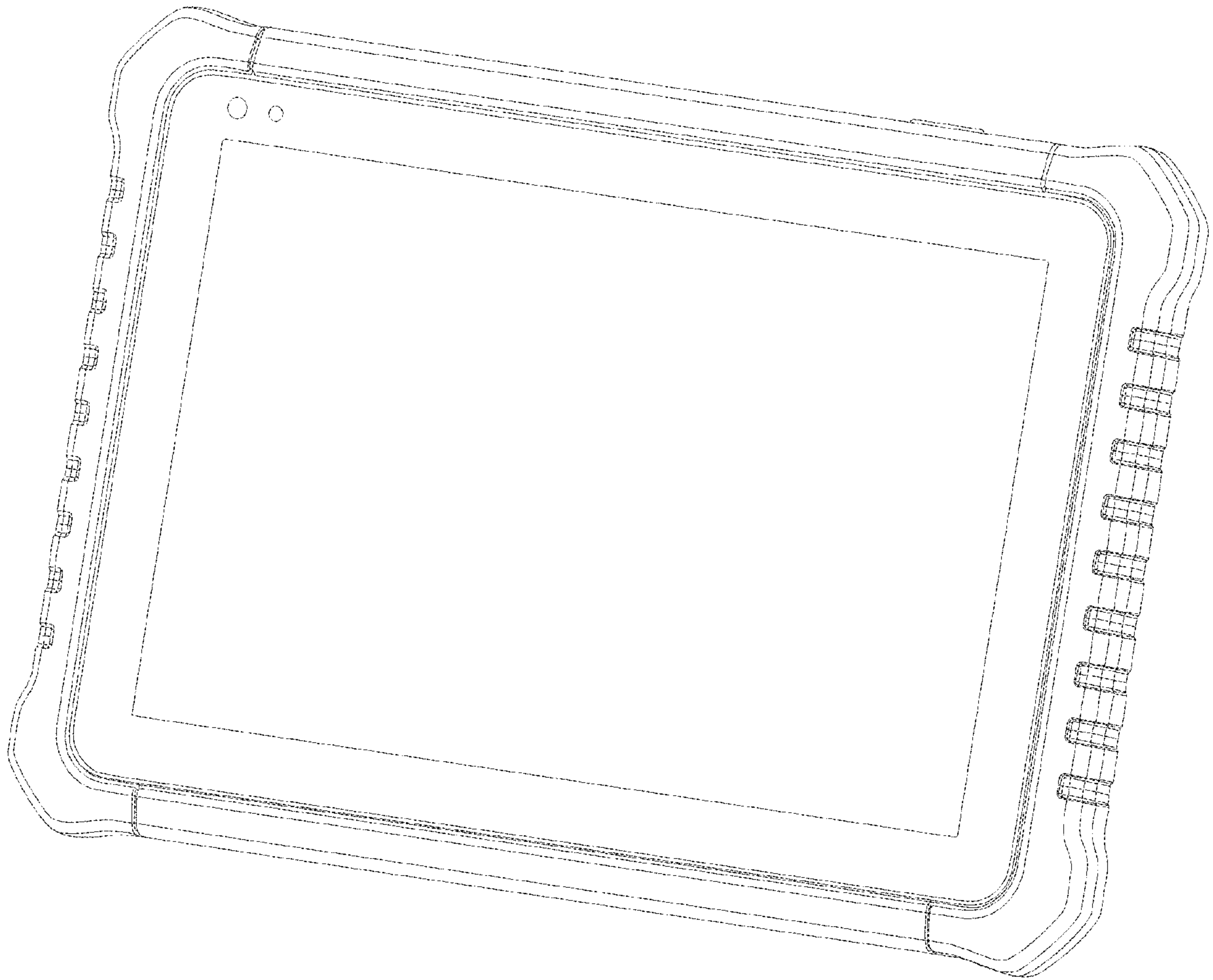
**FIG. 4**



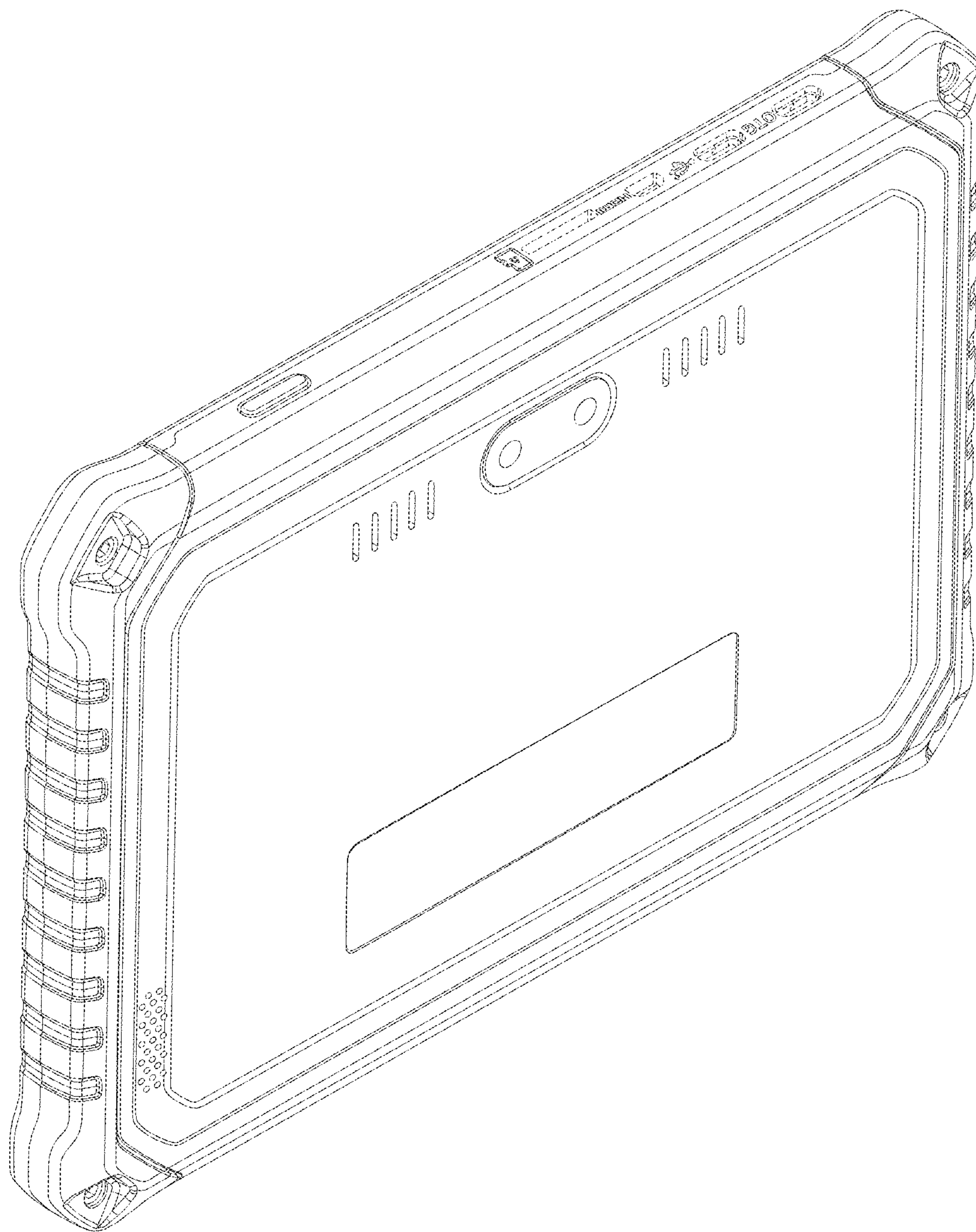
**FIG. 5**



**FIG. 6**



**FIG. 7**



**FIG. 8**