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(12) **United States Design Patent**  
**Zollers et al.**

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(54) **CARTRIDGE READER**

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(73) Assignee: **Salvus, LLC**, Valdosta, GA (US)

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(51) **LOC (13) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/385**

(58) **Field of Classification Search**  
USPC ..... D14/300–302, 313, 314, 341, 348–370, D14/383, 385, 432, 436, 496, 125, 135, D14/134, 155, 167, 168, 230, 231, 233, D14/235, 237, 240–242, 299; D10/65, D10/75, 78; D13/103, 149, 162, 184, D13/199; D18/4.4–4.6, 12.1, 56; 361/679.31–679.45, 752; 711/100, 115; 382/115, 124; 356/71; 235/380, 461, 235/382, 472.01, 472.02; D3/201, 273  
CPC ..... G06K 9/00006; G06K 7/0013; G06K 9/00026; G06F 21/00; G06Q 30/00  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D351,144 S \* 10/1994 Fishbine ..... D14/384  
D486,483 S \* 2/2004 Bloomberg ..... D14/138

D672,776 S \* 12/2012 Bousfield ..... D14/385  
D741,862 S \* 10/2015 Beroukhim ..... D14/384  
D851,697 S \* 6/2019 Qiu ..... D18/4.6  
10,902,237 B1 \* 1/2021 Aggarwal ..... G06V 10/24  
D909,469 S \* 2/2021 Watanabe ..... D18/4.6  
D915,504 S \* 4/2021 Wang ..... D14/387  
11,017,203 B1 \* 5/2021 Aggarwal ..... G06V 40/70  
D923,623 S \* 6/2021 DeFazio ..... D14/385  
D936,054 S \* 11/2021 Wang ..... D14/385  
D944,250 S \* 2/2022 Lavallee ..... D8/308  
D951,254 S \* 5/2022 Chen ..... D14/385  
D951,339 S \* 5/2022 Paillard ..... D18/4.6  
2021/0097547 A1 \* 4/2021 Stockman ..... G06Q 20/40145  
2021/0406531 A1 \* 12/2021 Lau ..... G06K 9/629

\* cited by examiner

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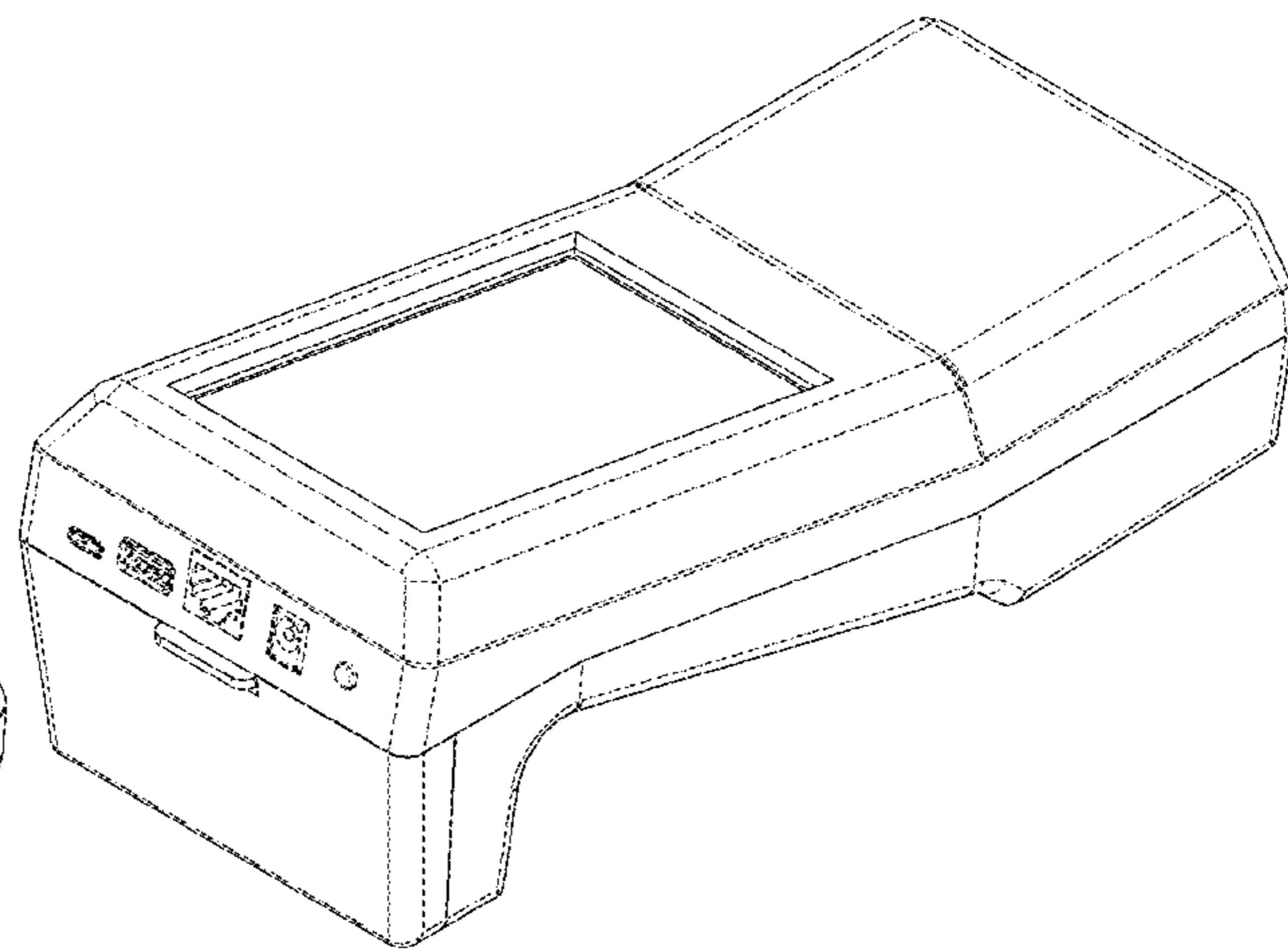
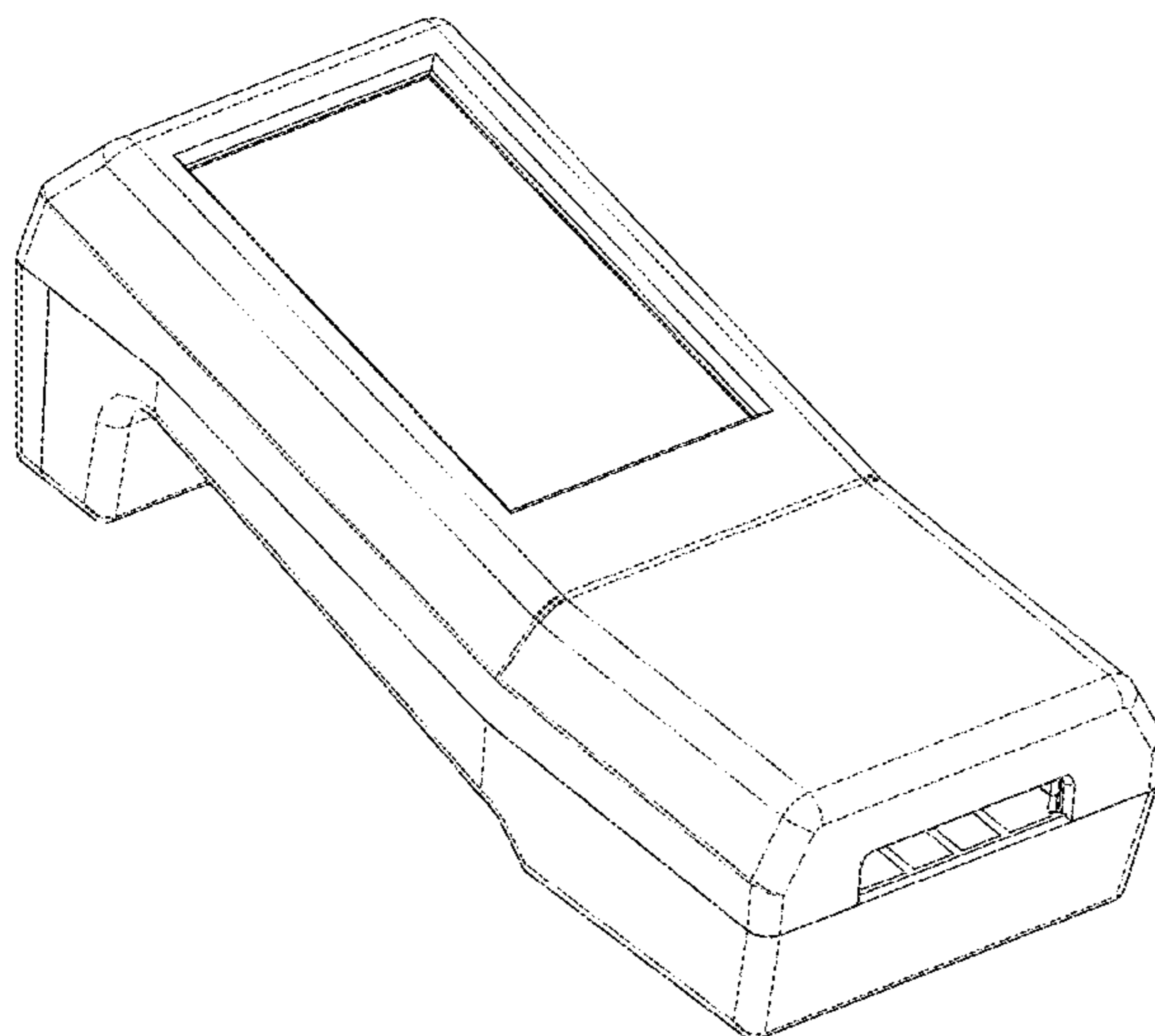
(57) **CLAIM**

The ornamental design for a cartridge reader, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a cartridge reader; FIG. 2 is a rear perspective view of a cartridge reader; FIG. 3 is a left side elevation view of the cartridge reader, the right side view identical to the right side view; FIG. 4 is a top plan view of the cartridge reader; FIG. 5 is a bottom plan view of the cartridge reader; FIG. 6 is a rear elevation view of the cartridge reader; and, FIG. 7 is a front elevation view of the cartridge reader. In each of FIGS. 1 through 7, dashed lines indicate structure that forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



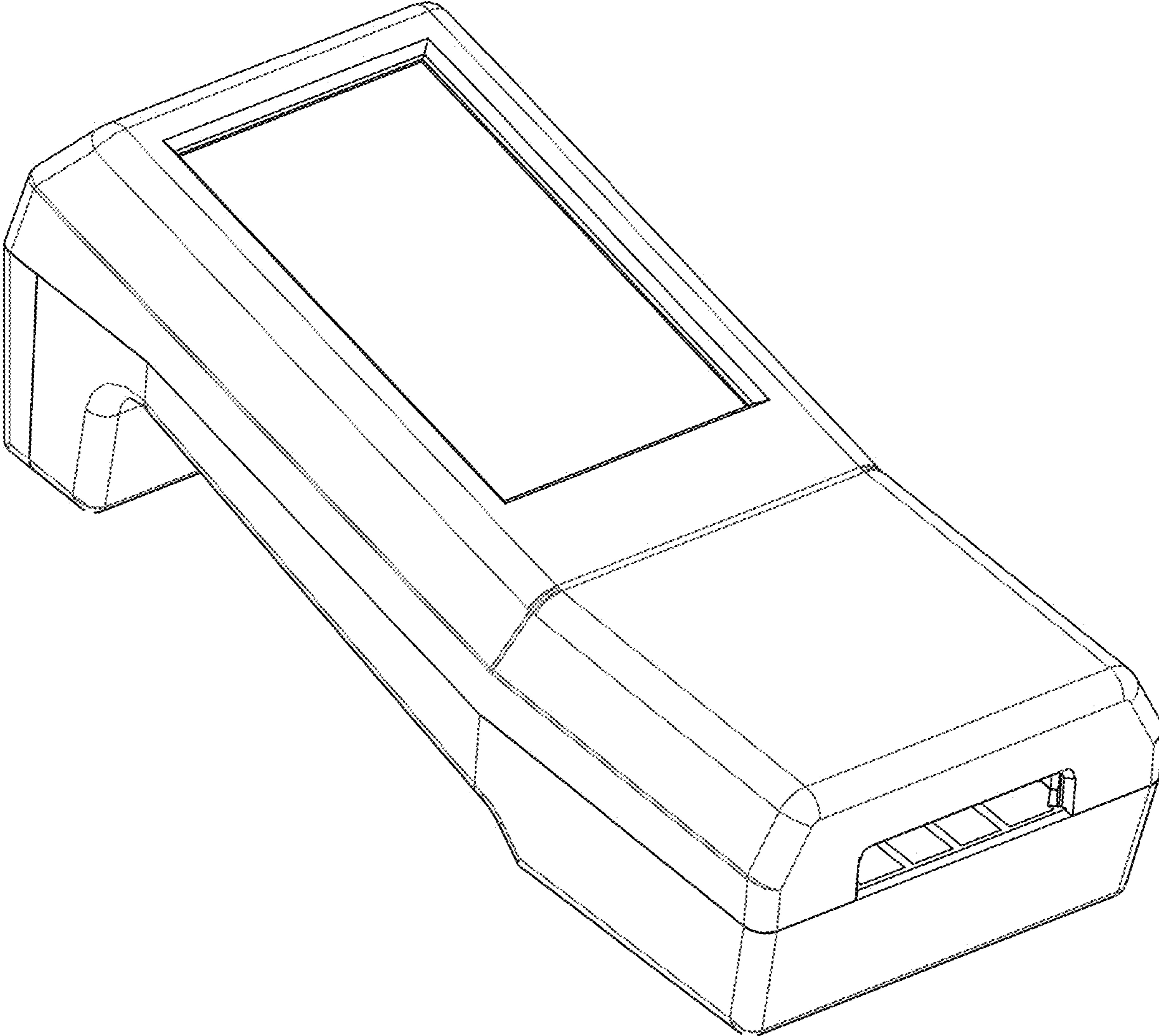


FIG. 1

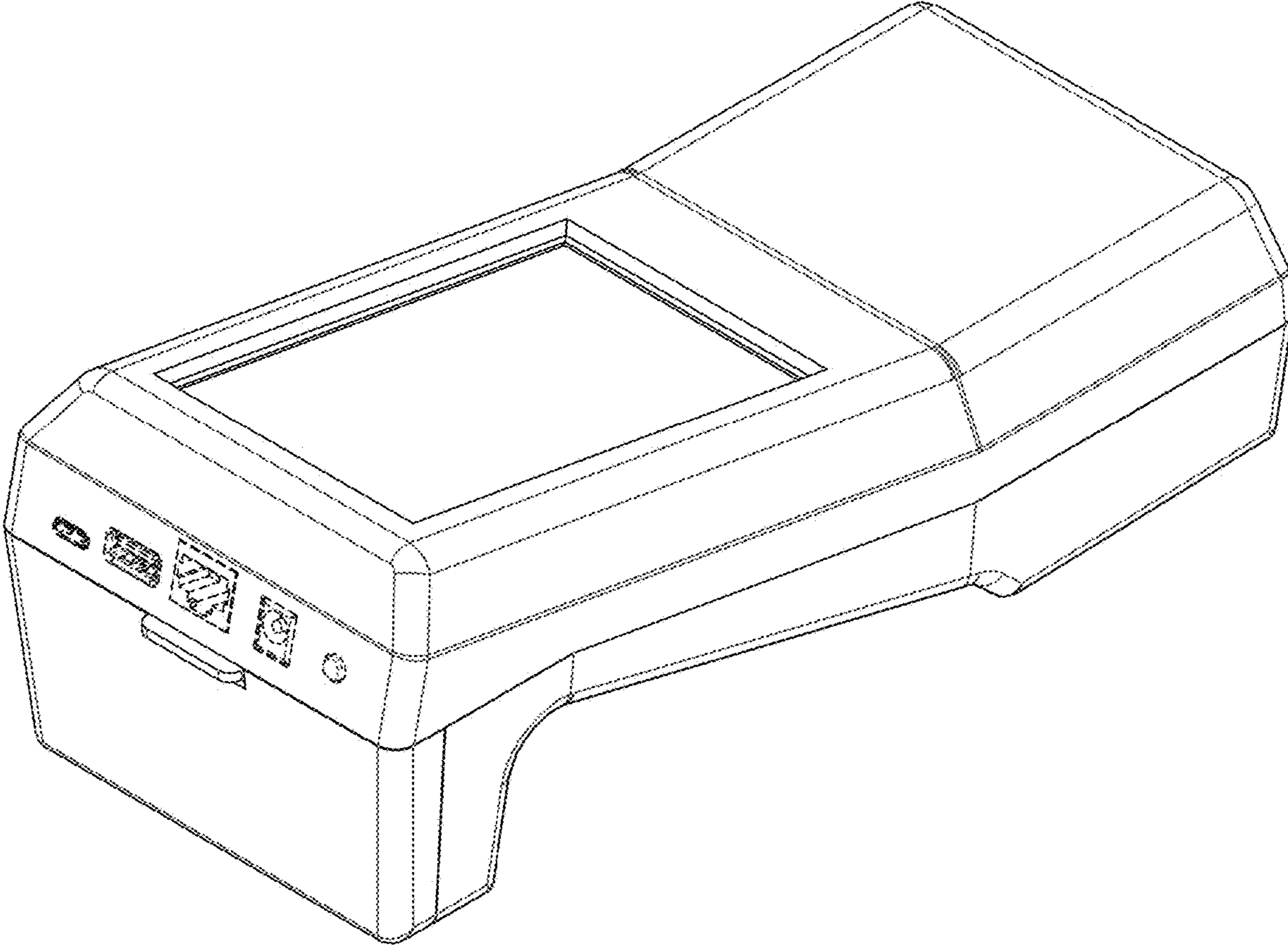


FIG. 2

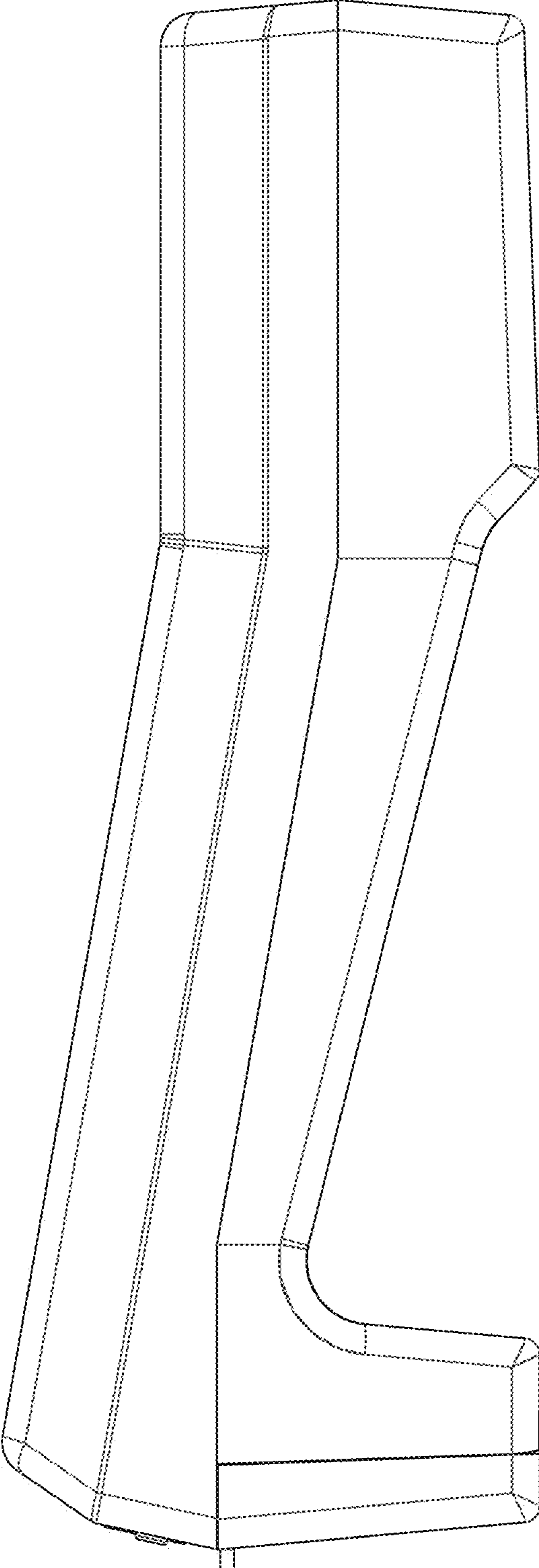


FIG. 3

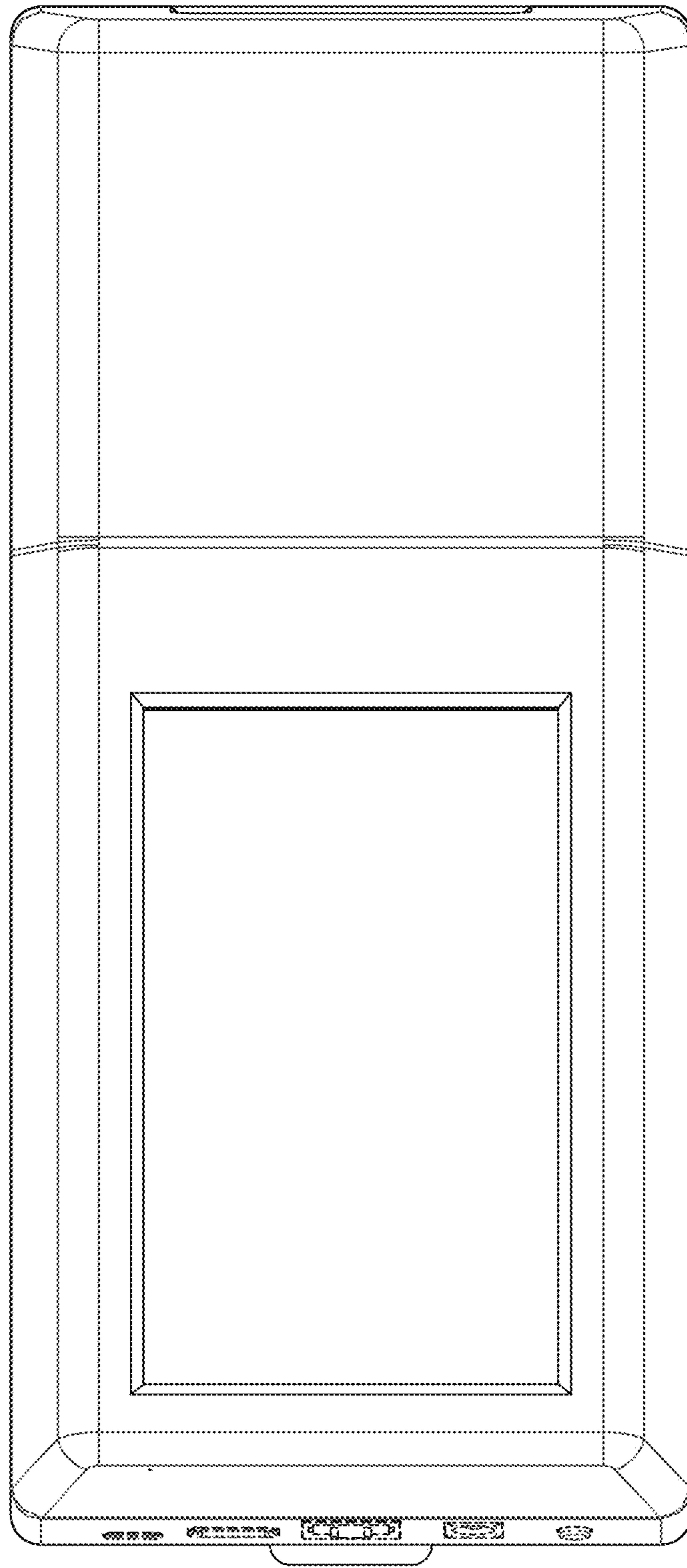


FIG. 4

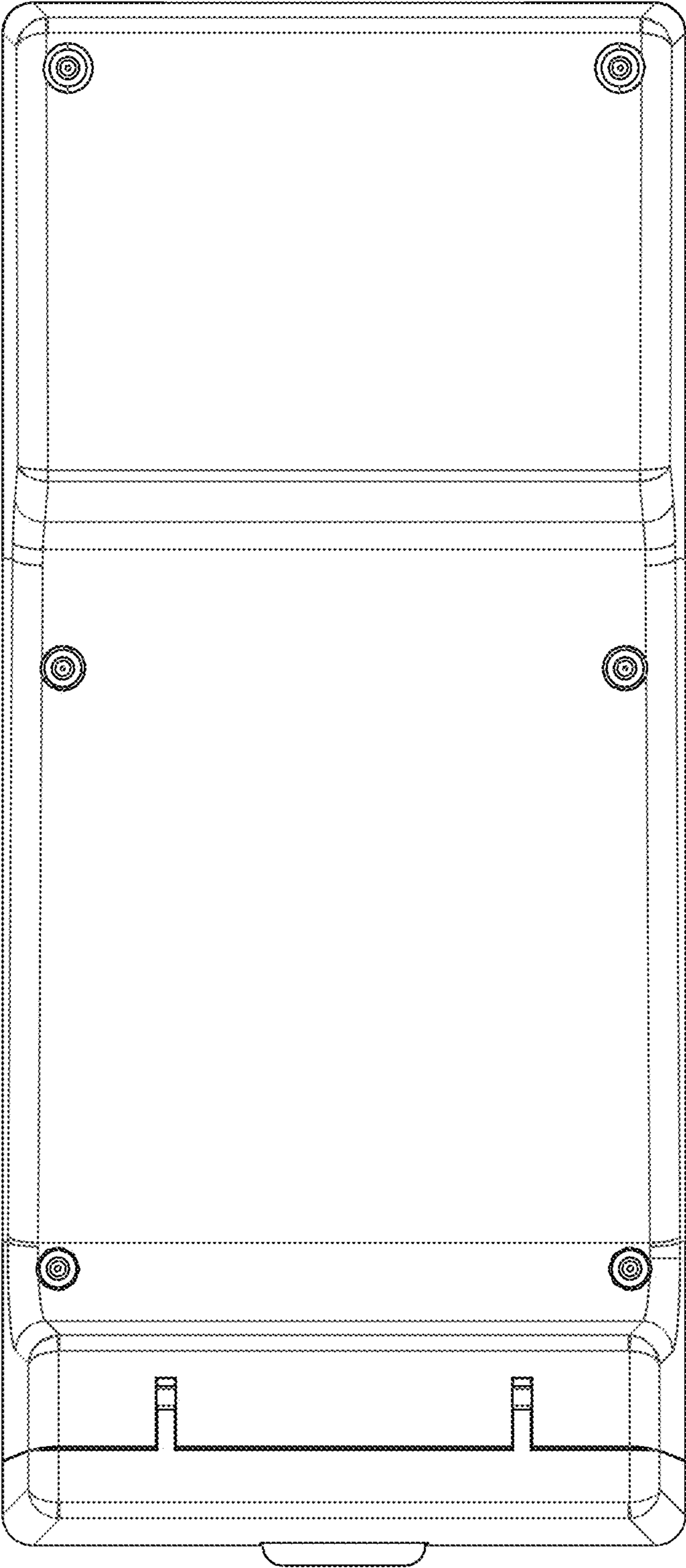


FIG. 5

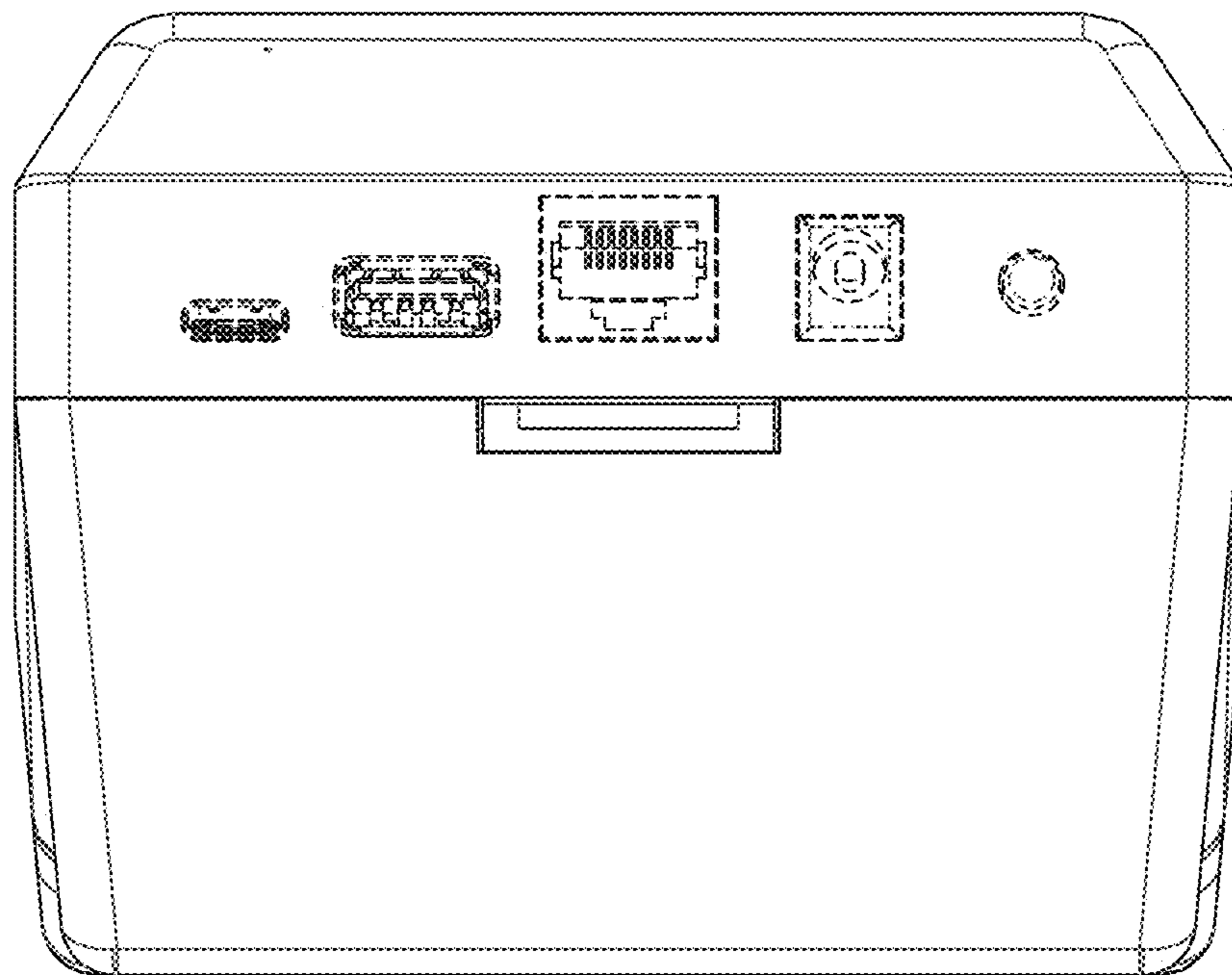


FIG. 6

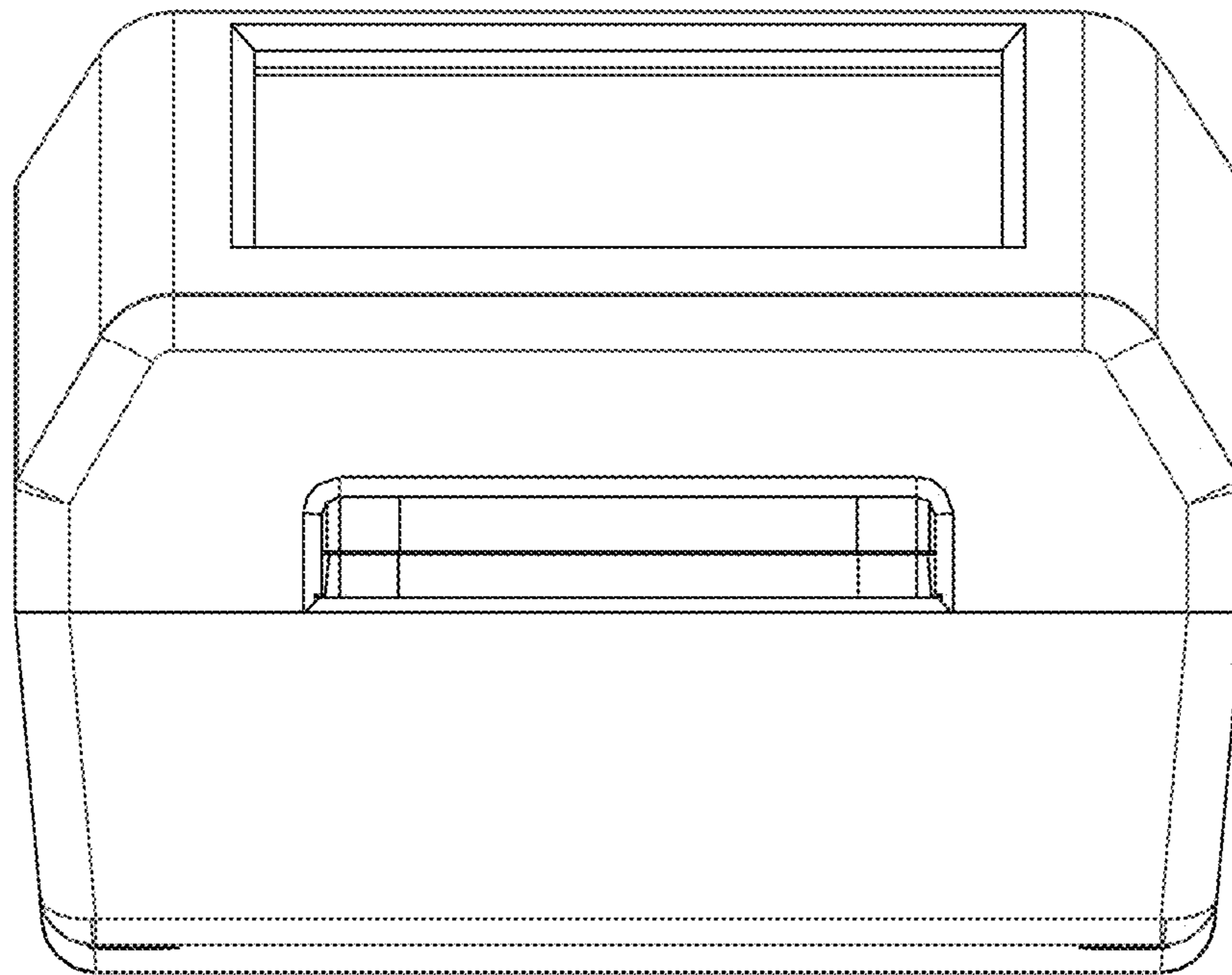


FIG. 7