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

(10) **Patent No.:** **US D797,918 S**

(45) **Date of Patent:** **\*\* Sep. 19, 2017**

(54) **MEDICAL DEVICE CONTROL UNIT**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **EKOS CORPORATION**, Bothell, WA (US)

|    |             |         |
|----|-------------|---------|
| CN | 301040544 S | 10/2009 |
| CN | 301877182 S | 4/2012  |
| JP | D1456367 S  | 11/2012 |

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OTHER PUBLICATIONS

“EkoSonic® MACH4e”, EKOS Advertisement, Venous Times, Issue 6, dated Jan. 2010, p. 3.

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(73) Assignee: **EKOS CORPORATION**, Bothell, WA (US)

(57) **CLAIM**

The ornamental design for a medical device control unit, as shown and described.

(\*\*) Term: **14 Years**

**DESCRIPTION**

(21) Appl. No.: **29/503,033**

(22) Filed: **Sep. 22, 2014**

(51) **LOC (10) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/107**

(58) **Field of Classification Search**  
USPC ..... D24/107–108, 111, 185  
CPC ..... A61M 5/142; A61M 5/14; A61M 5/00;  
A61M 2005/14208; A61B 8/46  
See application file for complete search history.

(56) **References Cited**

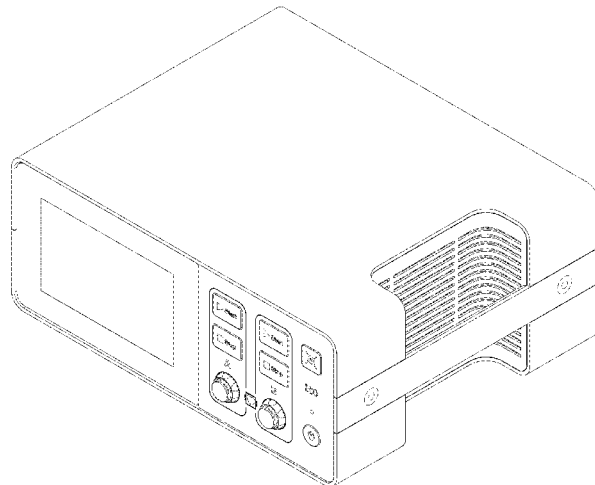
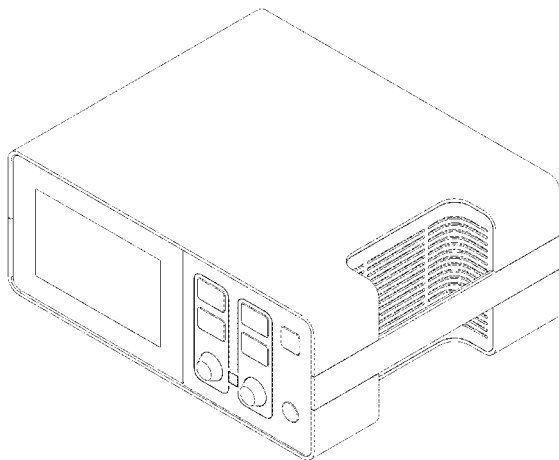
U.S. PATENT DOCUMENTS

|               |                  |            |
|---------------|------------------|------------|
| D238,905 S *  | 2/1976 Sokol     | D14/134    |
| D247,251 S *  | 2/1978 Napoli    | D24/186    |
| 4,312,361 A * | 1/1982 Nicholson | A61B 5/031 |
|               |                  | 600/561    |
| D264,128 S *  | 4/1982 Barnes    | D10/76     |
| D296,240 S *  | 6/1988 Albright  | D24/186    |

(Continued)

FIG. 1 is a perspective view of a medical device control unit showing a first embodiment;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left elevational view thereof;  
FIG. 5 is a right elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof;  
FIG. 8 is a perspective view of a medical device control unit showing a second embodiment;  
FIG. 9 is a front elevational view thereof;  
FIG. 10 is a rear elevational view thereof;  
FIG. 11 is a left elevational view thereof;  
FIG. 12 is a right elevational view thereof;  
FIG. 13 is a top plan view thereof; and,  
FIG. 14 is a bottom plan view thereof.  
The broken lines in the drawings illustrate portions of the medical device control unit that form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

|              |      |         |                |              |
|--------------|------|---------|----------------|--------------|
| D330,424     | S *  | 10/1992 | Davis .....    | D24/160      |
| 5,461,708    | A    | 10/1995 | Kahn           |              |
| 6,493,731    | B1   | 12/2002 | Jones et al.   |              |
| D534,654     | S *  | 1/2007  | Hayamizu ..... | D24/107      |
| D564,094     | S *  | 3/2008  | Hayashi .....  | D24/107      |
| D564,661     | S *  | 3/2008  | Hayashi .....  | D24/107      |
| D574,961     | S *  | 8/2008  | Kitahara ..... | D24/186      |
| D578,543     | S    | 10/2008 | Ulm et al.     |              |
| D592,754     | S *  | 5/2009  | Koike .....    | D24/186      |
| D617,332     | S    | 6/2010  | Loken et al.   |              |
| D630,727     | S *  | 1/2011  | Petrovic ..... | D24/111      |
| D643,117     | S *  | 8/2011  | Onuma .....    | D24/138      |
| D658,667     | S    | 5/2012  | Cho et al.     |              |
| D664,985     | S    | 8/2012  | Tanghe et al.  |              |
| D670,714     | S    | 11/2012 | Majeed et al.  |              |
| D670,725     | S    | 11/2012 | Mori et al.    |              |
| D671,552     | S    | 11/2012 | Mori et al.    |              |
| 8,762,880    | B2   | 6/2014  | Dukhon et al.  |              |
| 8,771,186    | B2   | 7/2014  | Kinsley et al. |              |
| D725,784     | S *  | 3/2015  | Xia .....      | D24/186      |
| D733,178     | S    | 6/2015  | Omiya          |              |
| D733,738     | S    | 7/2015  | Omiya          |              |
| D734,475     | S *  | 7/2015  | Ross .....     | D24/185      |
| 2008/0290114 | A1 * | 11/2008 | Cabuz .....    | A61M 5/14244 |
|              |      |         |                | 222/56       |
| 2013/0073306 | A1   | 3/2013  | Shlain et al.  |              |
| 2015/0095807 | A1   | 4/2015  | Duncker et al. |              |

\* cited by examiner

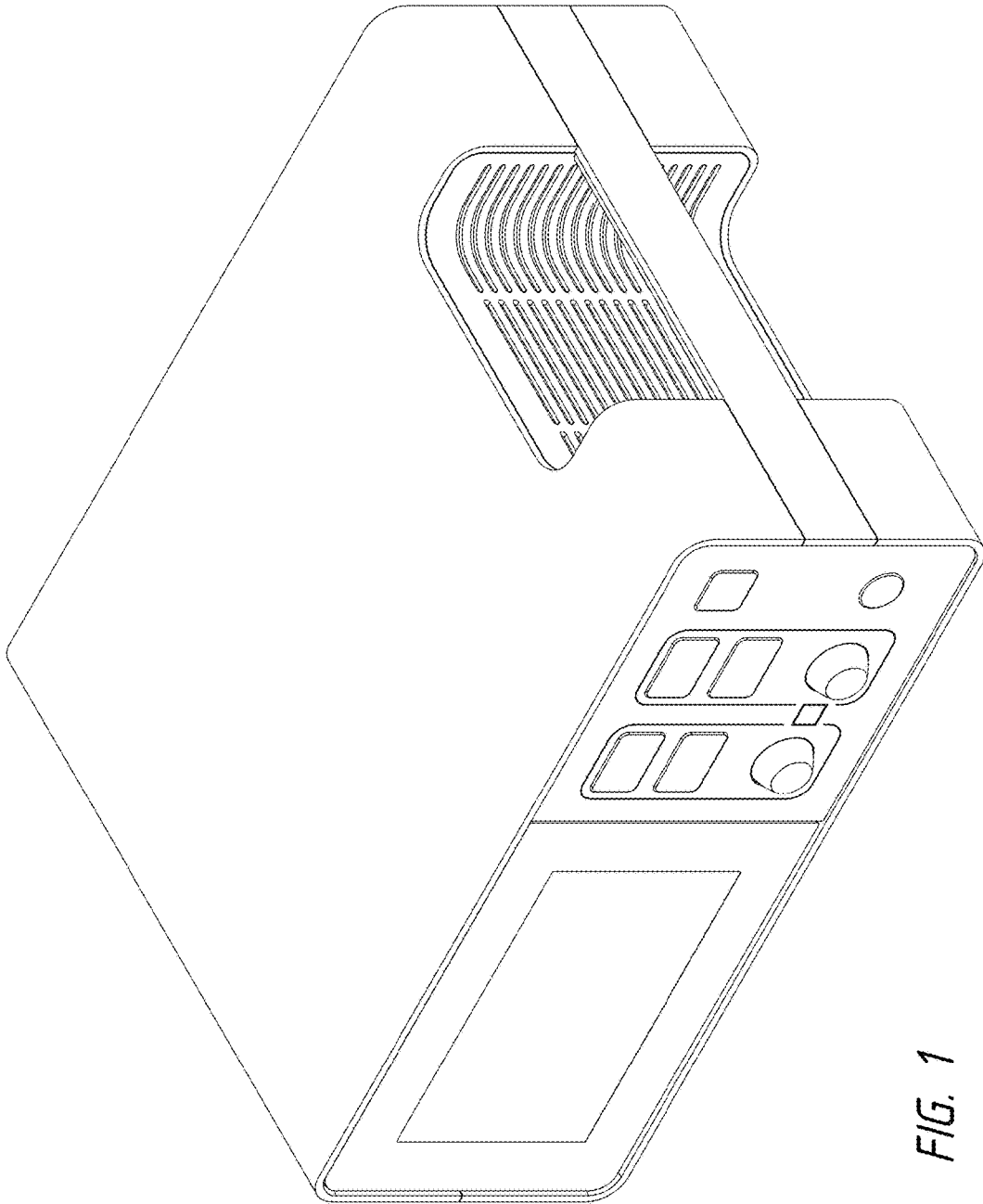


FIG. 1

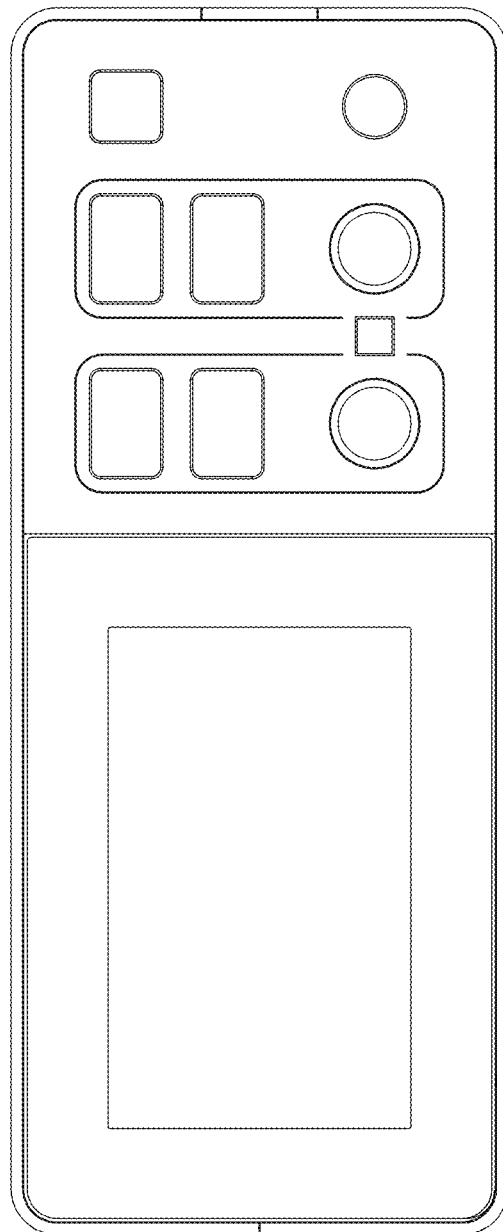
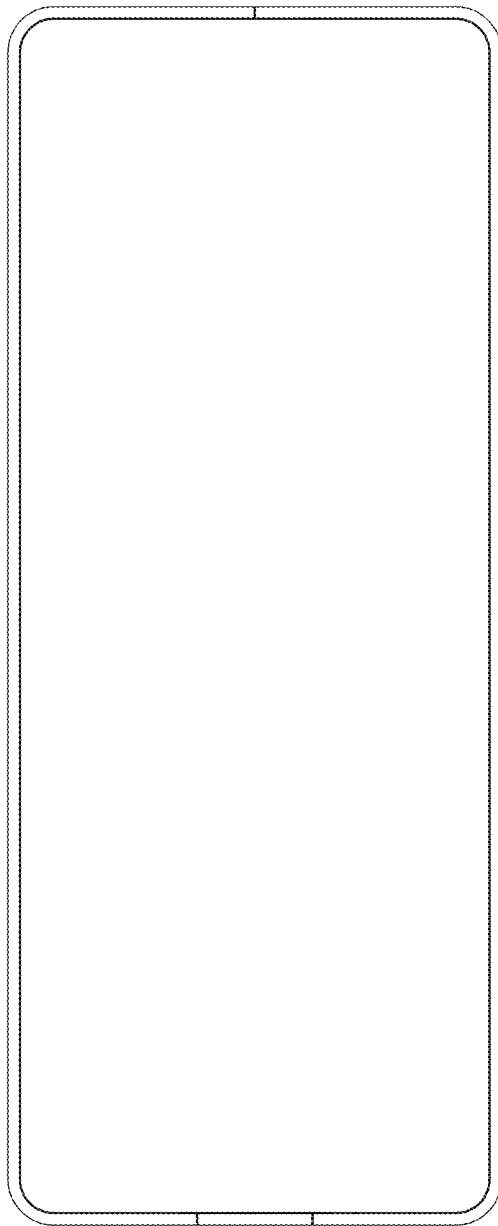


FIG. 2



*FIG. 3*

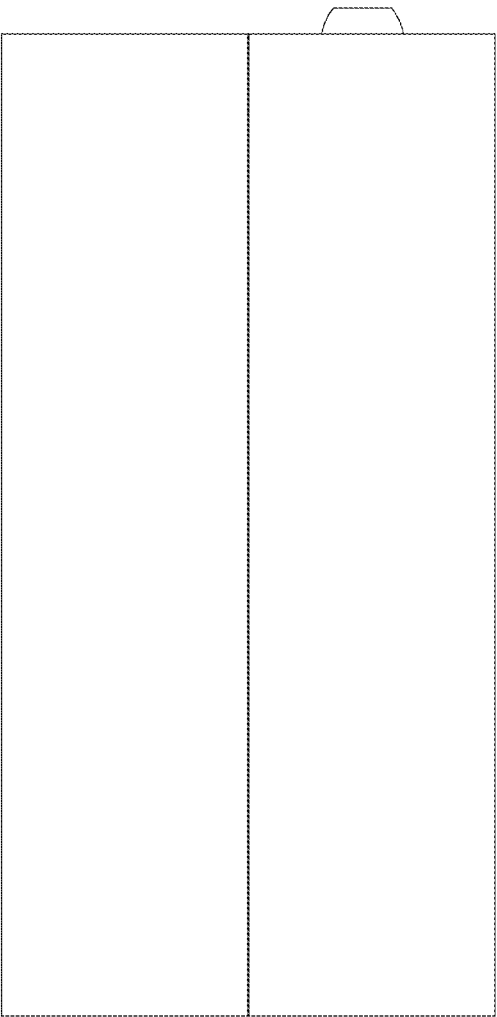


FIG. 4

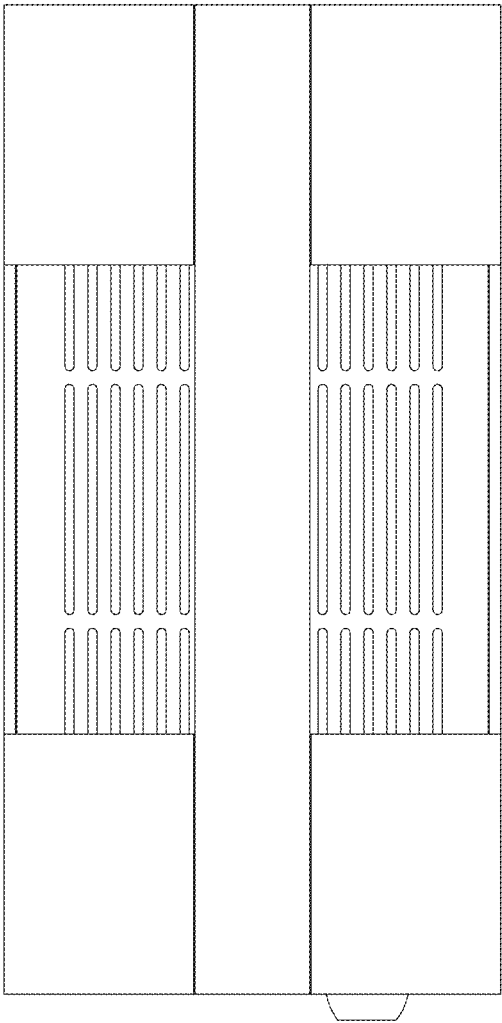


FIG. 5

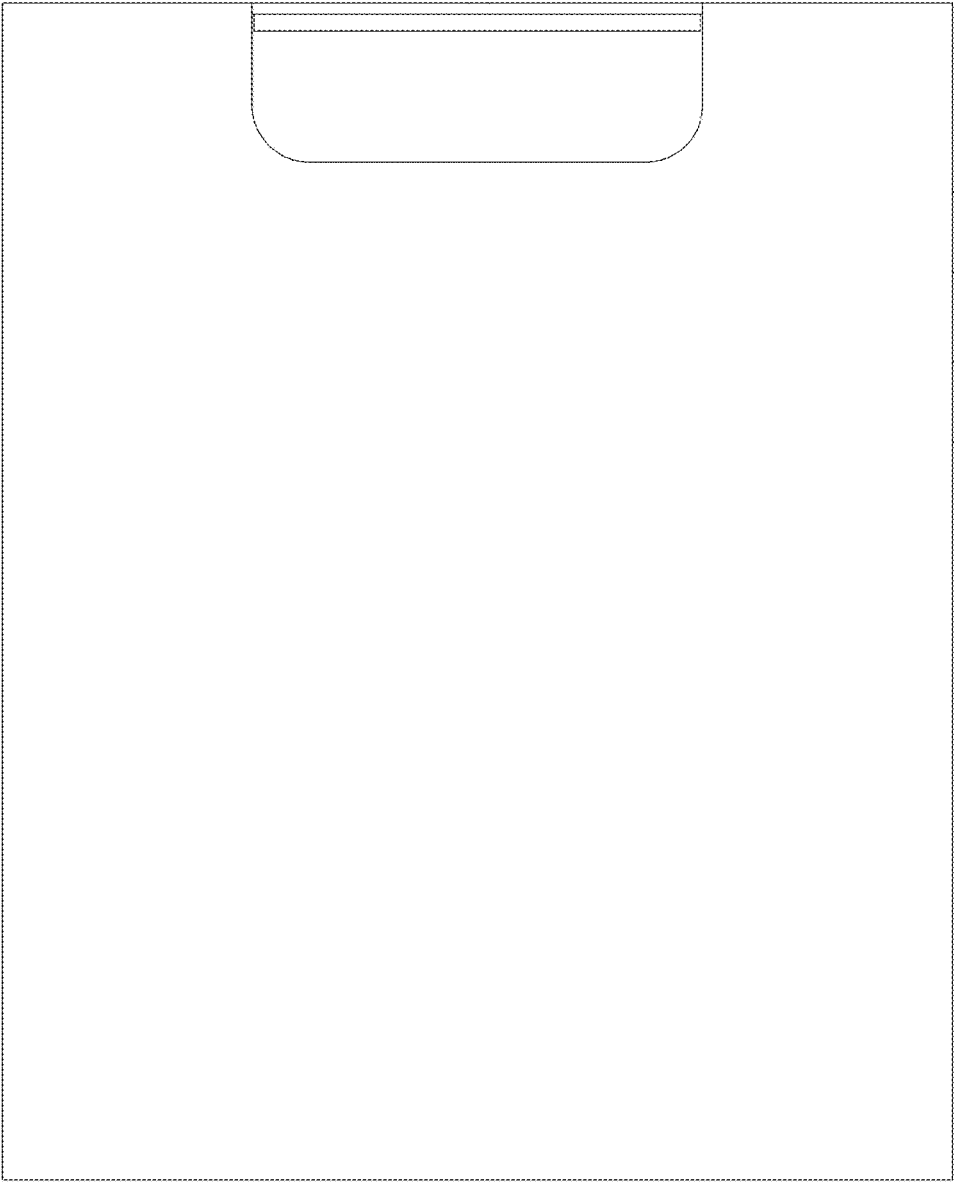


FIG. 6

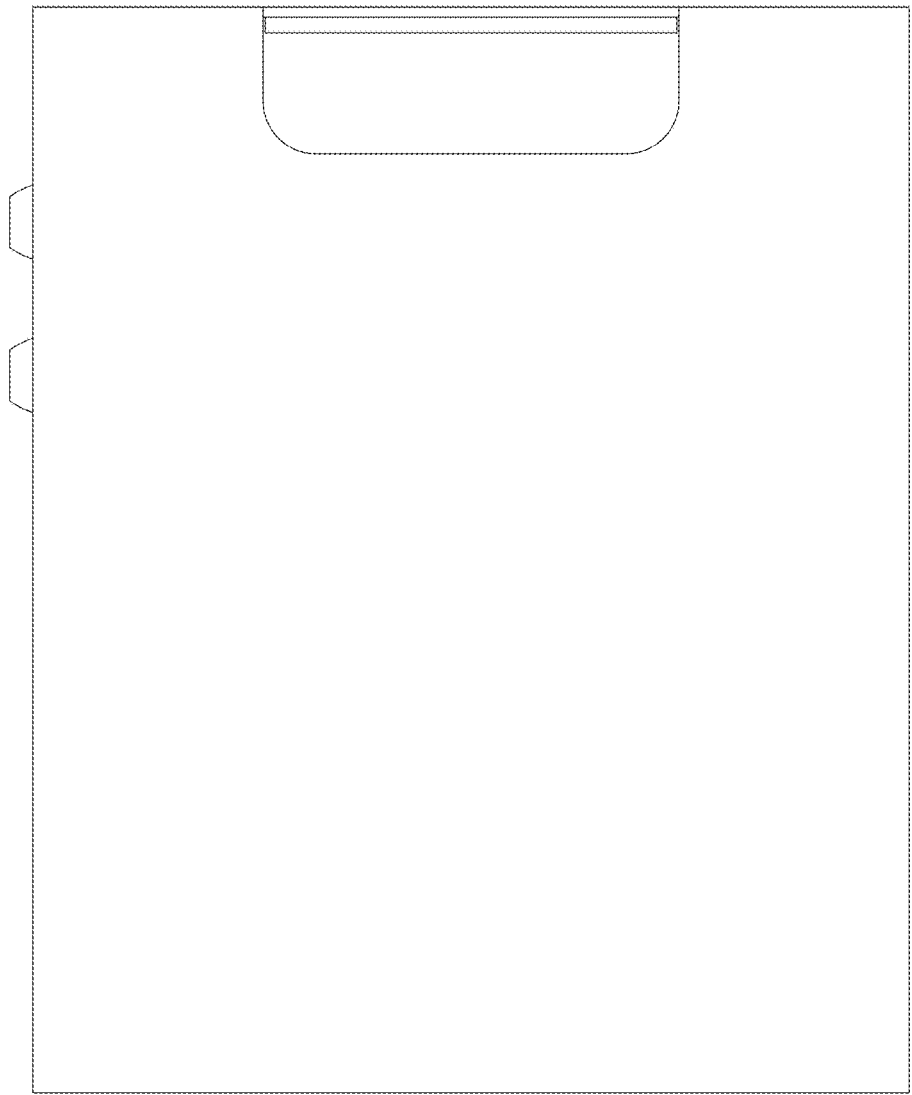


FIG. 7

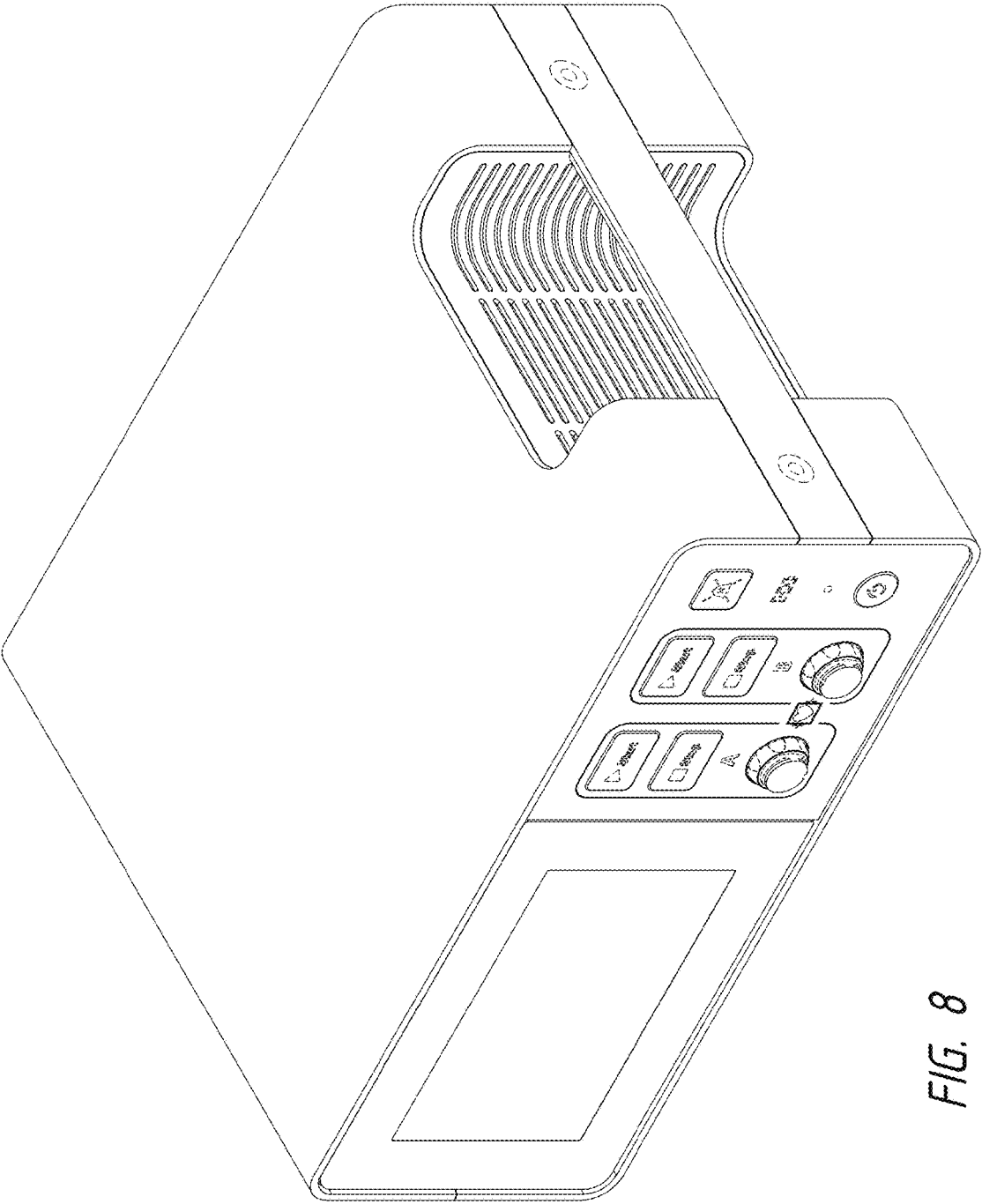


FIG. 8

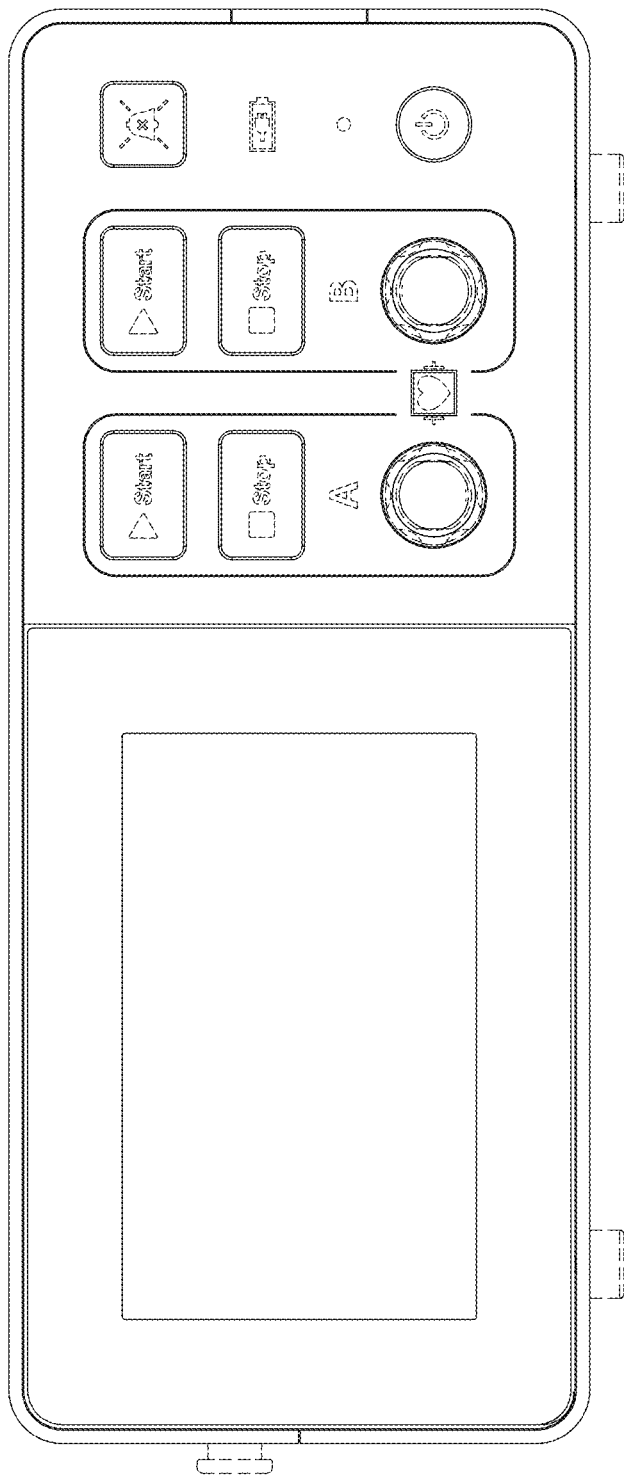


FIG. 9

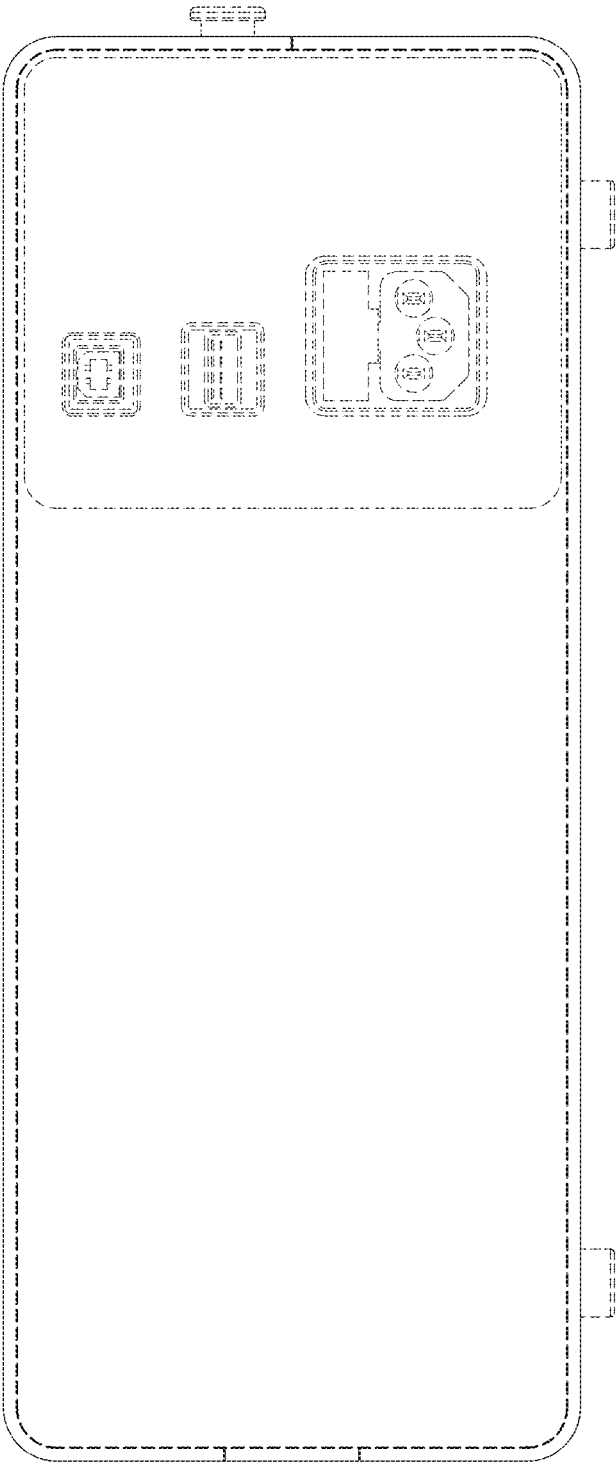


FIG. 10

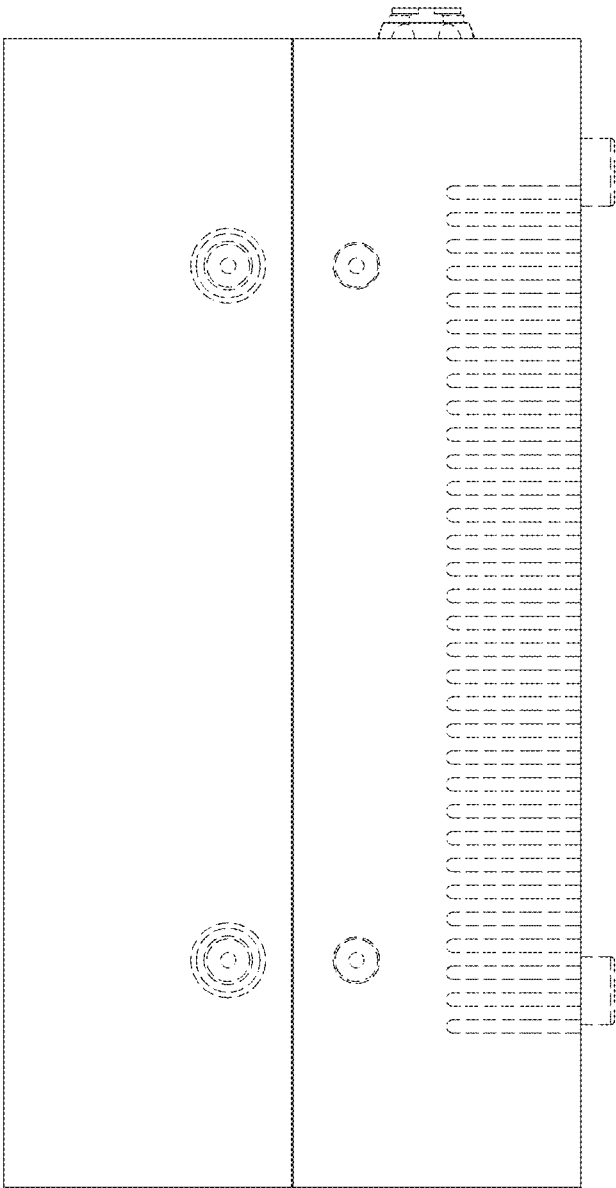


FIG. 11

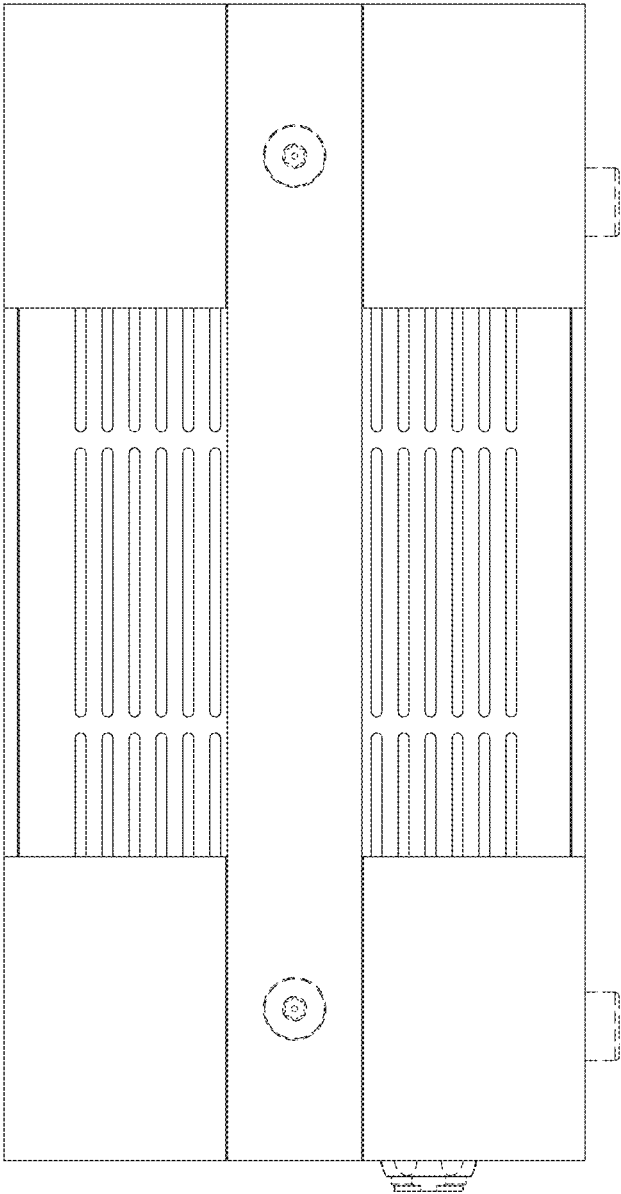


FIG. 12

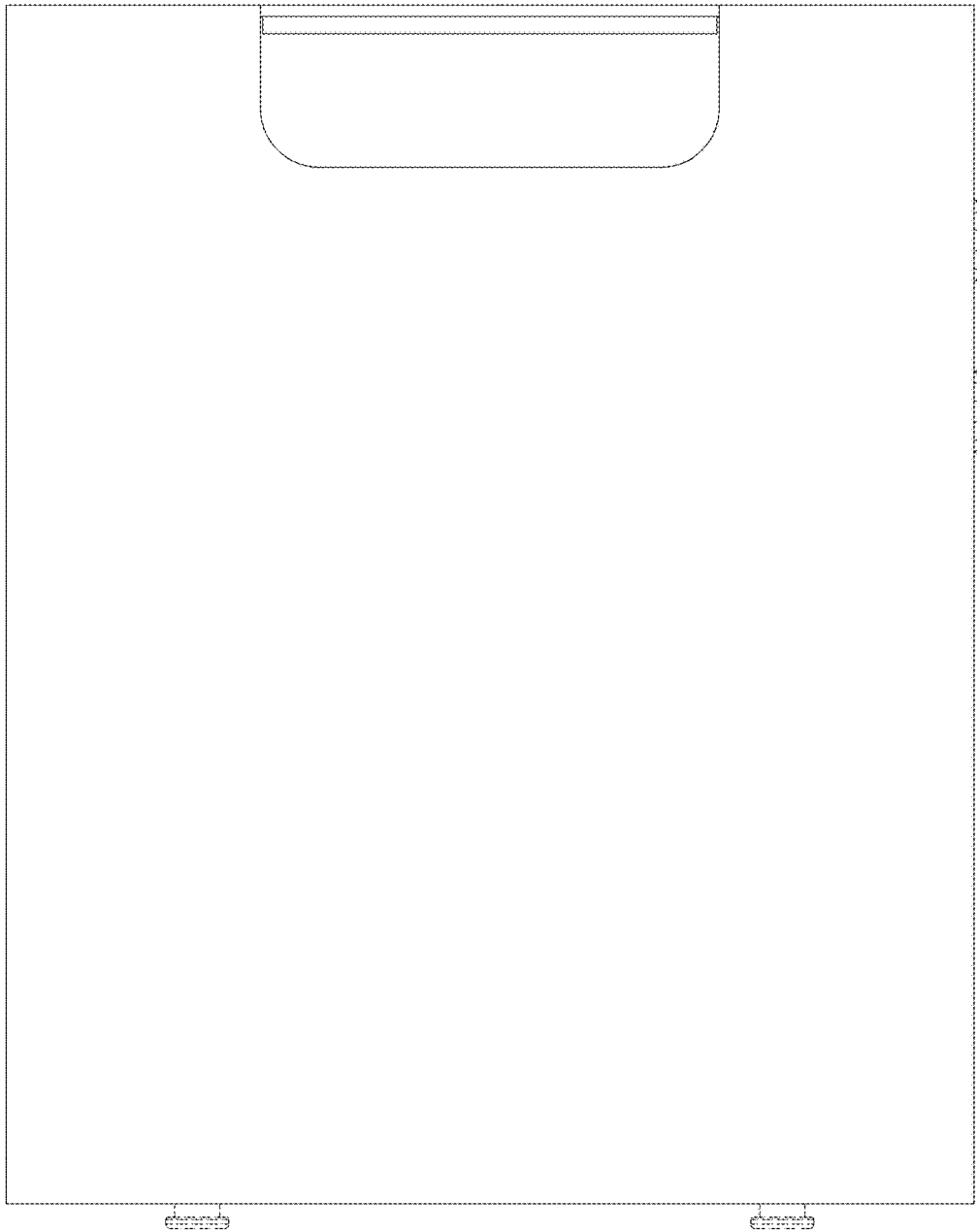


FIG. 13

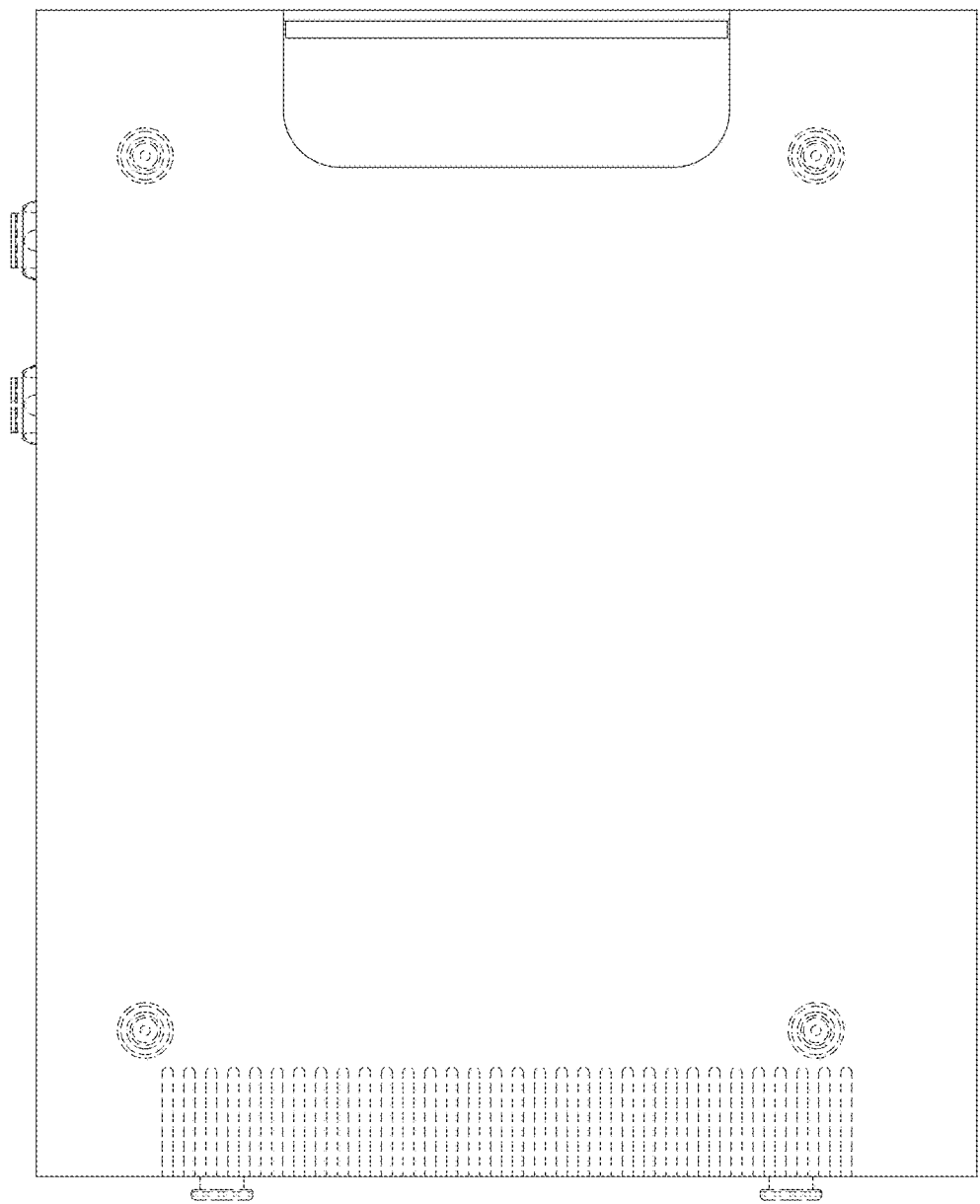


FIG. 14