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(12) **United States Design Patent** (10) **Patent No.:** **US D768,074 S**
Park et al. (45) **Date of Patent:** **** Oct. 4, 2016**

(54) **BATTERY FOR PORTABLE TERMINAL**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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| | | | | | | |
|--------------|----|---|---------|-------|-------|------------------------|
| D709,822 | S | * | 7/2014 | Kwon | | D13/103 |
| D715,732 | S | * | 10/2014 | Kwon | | D13/103 |
| D716,722 | S | * | 11/2014 | Kwon | | D13/103 |
| D724,014 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,016 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,019 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,020 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,529 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,530 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,532 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| D724,533 | S | * | 3/2015 | Kwon | ..... | D13/103 |
| 2005/0208344 | A1 | * | 9/2005 | Tan | ..... | G06F 1/263 429/7 |
| 2007/0128513 | A1 | * | 6/2007 | Hatta | ..... | H01M 2/021 429/176 |
| 2007/0207379 | A1 | * | 9/2007 | Hatta | ..... | H01M 2/0207 429/176 |
| 2008/0254348 | A1 | * | 10/2008 | Hatta | ..... | H01M 2/021 429/94 |
| 2011/0064974 | A1 | * | 3/2011 | Heo | ..... | H01M 2/0469 429/7 |
| 2013/0059183 | A1 | * | 3/2013 | Ahn | ..... | H01M 2/0217 429/94 |
| 2013/0196194 | A1 | * | 8/2013 | Park | ..... | H01M 2/0207 429/72 |
| 2015/0303426 | A1 | * | 10/2015 | Kim | | B29C 65/08 429/163 |

(73) Assignee: **LG Chem, Ltd.** (KR)

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

(21) Appl. No.: **29/539,225**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/103**

(58) **Field of Classification Search**
USPC D13/102-110, 118-119, 184, 199, 120,
D13/154, 146, 147, 133; D14/356, 432;
320/103, 111-115, 135, 138, 140
CPC Y02E 60/10; Y02E 60/12; Y02E 60/122;
Y02E 60/124; Y02E 60/50; H01M 2/02;
H01M 2/20; H01M 2/022; H01M 2/0202;
H01M 2/0207; H01M 2/0212; H01M 2/1061;
H01M 2/1022; H01M 2/1055; H01M 2/1066;
H01M 2/105; H01M 2/204; H01M 2/202;
H01M 2/206; H01M 10/4257; H01M
10/0436; H01M 10/48; H01M 10/44; H01M
10/46; H01M 10/465; H01M 10/482; H01M
2200/30; H01M 2250/30; H01M 2250/40;
H02J 7/00; H02J 7/0003; H02J 7/0011;
H02J 7/0013; H02J 7/0054; H02J 7/0055;
H02J 7/0057; H02J 2007/0062

See application file for complete search history.

FOREIGN PATENT DOCUMENTS

| | | |
|----|--------------|---------|
| JP | D1094027 | 12/2000 |
| JP | D1094028 | 12/2000 |
| JP | HD1900333000 | 10/2007 |

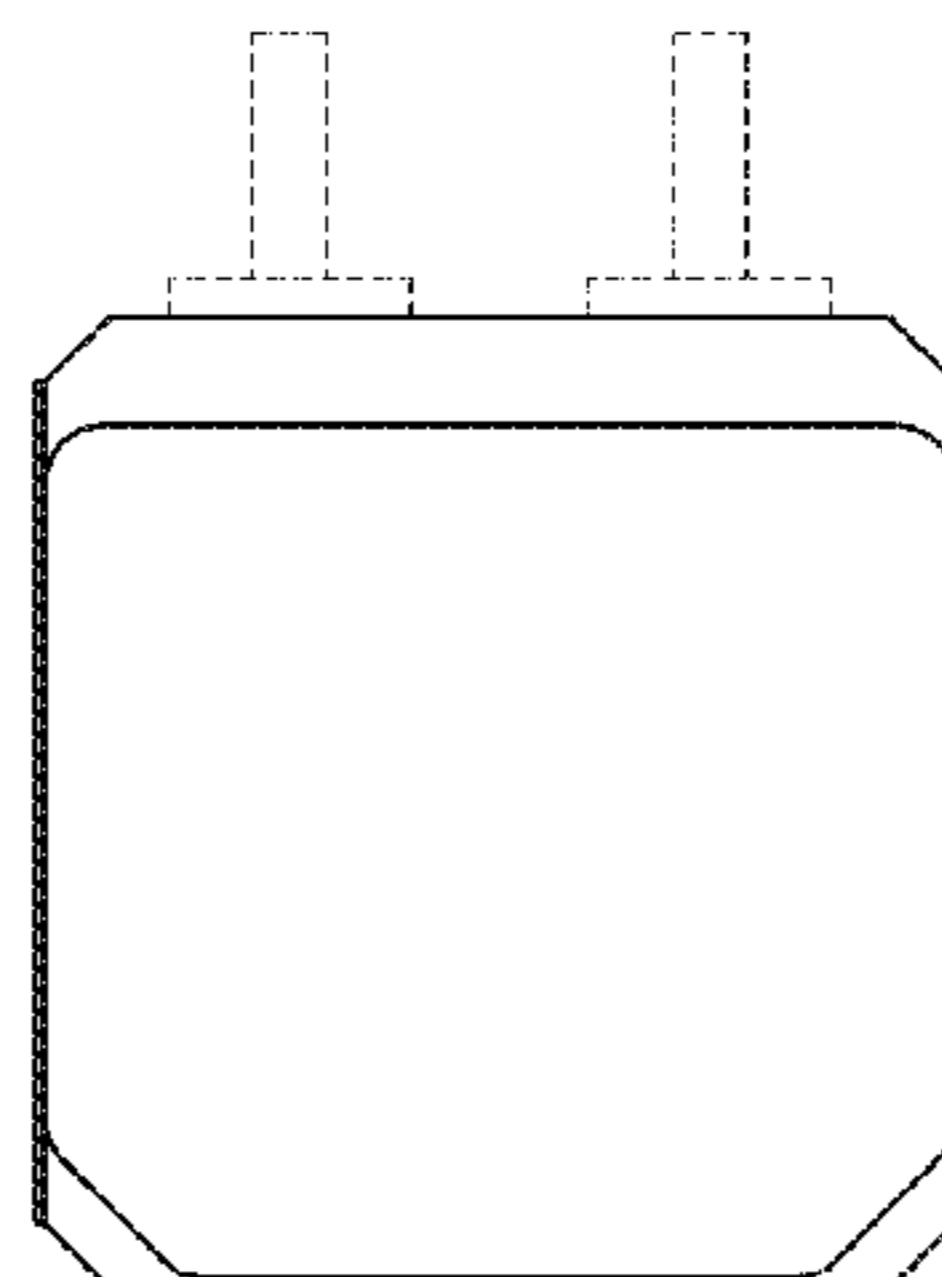
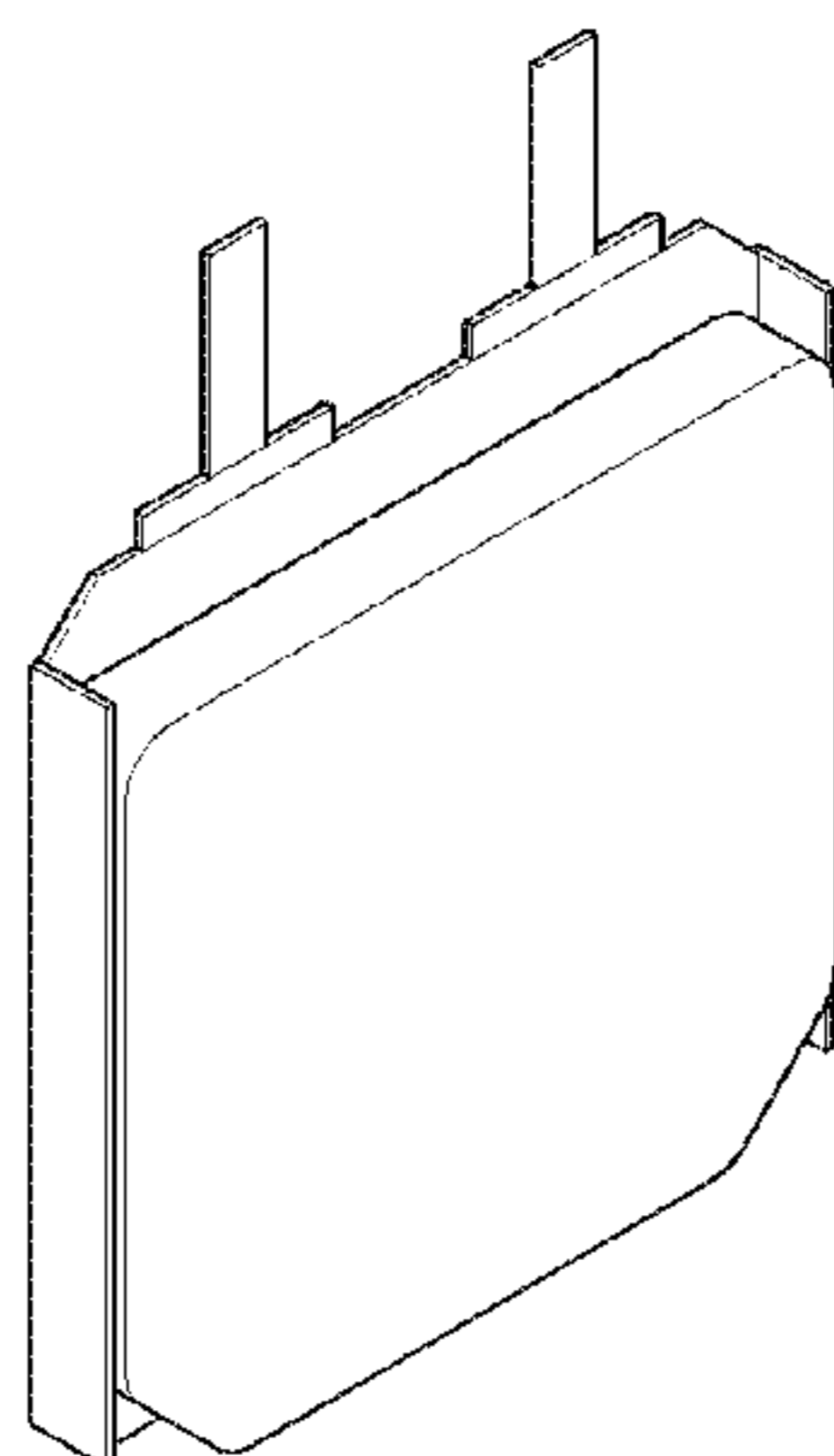
* cited by examiner

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Littenberg, Krumholz & Mentlik, LLP



(57)

CLAIM

The ornamental design for a battery for portable terminal, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a battery for portable terminal according to a first embodiment of our design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a 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 front perspective view of a battery for portable terminal according to a second embodiment of our design;

FIG. 9 is a front view thereof;

FIG. 10 is a rear view thereof;

FIG. 11 is a 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 front perspective view of a battery for portable terminal according to a third embodiment of our design;

FIG. 16 is a front view thereof;

FIG. 17 is a rear view thereof;

FIG. 18 is a 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 lines in the drawings illustrate unclaimed elements of the battery for portable terminal, and form no part of the claimed design. The dash-dot lines illustrate the boundaries of the claim, and form no part of the claimed design.

1 Claim, 9 Drawing Sheets

FIG. 1

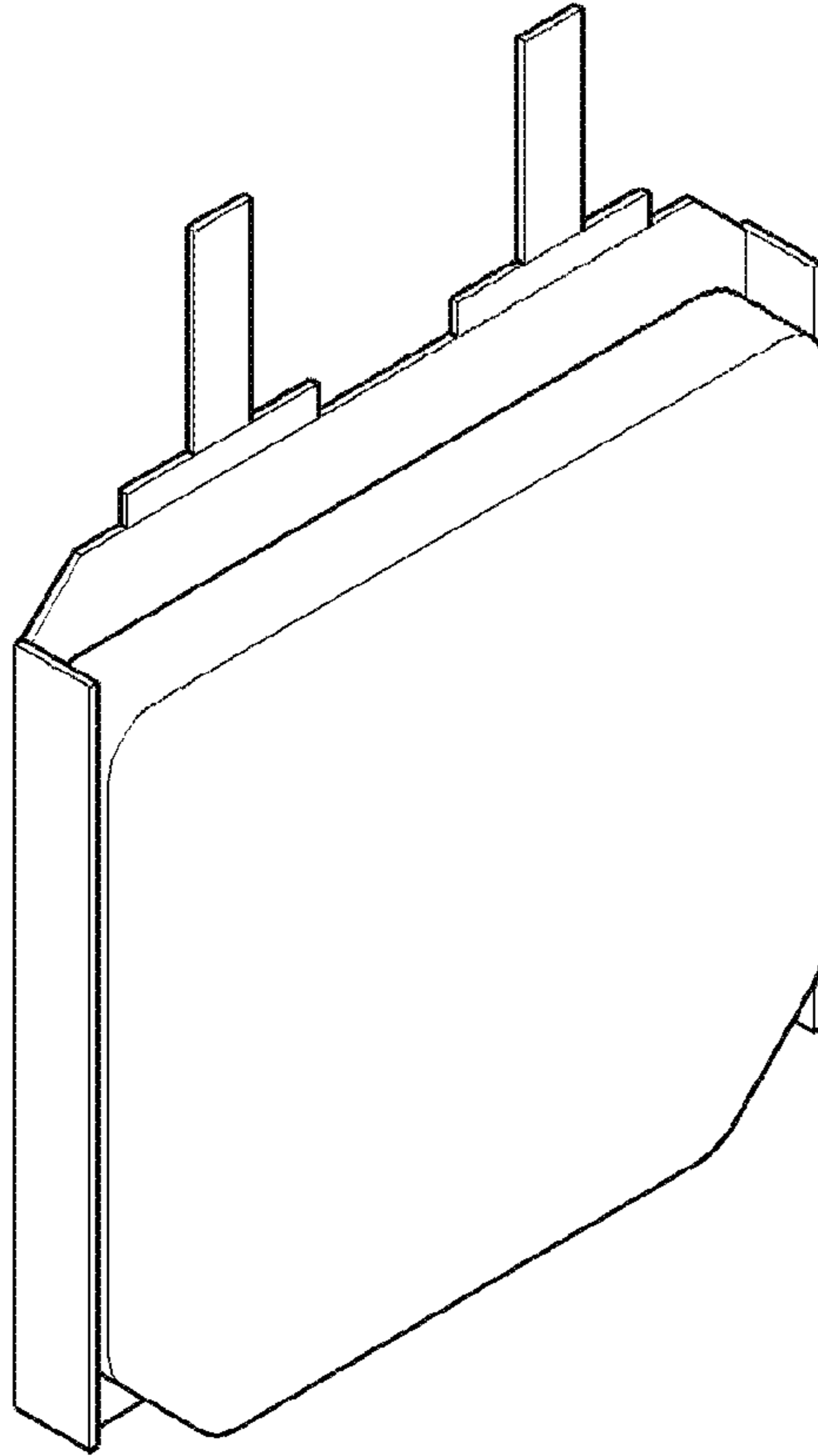


FIG. 2

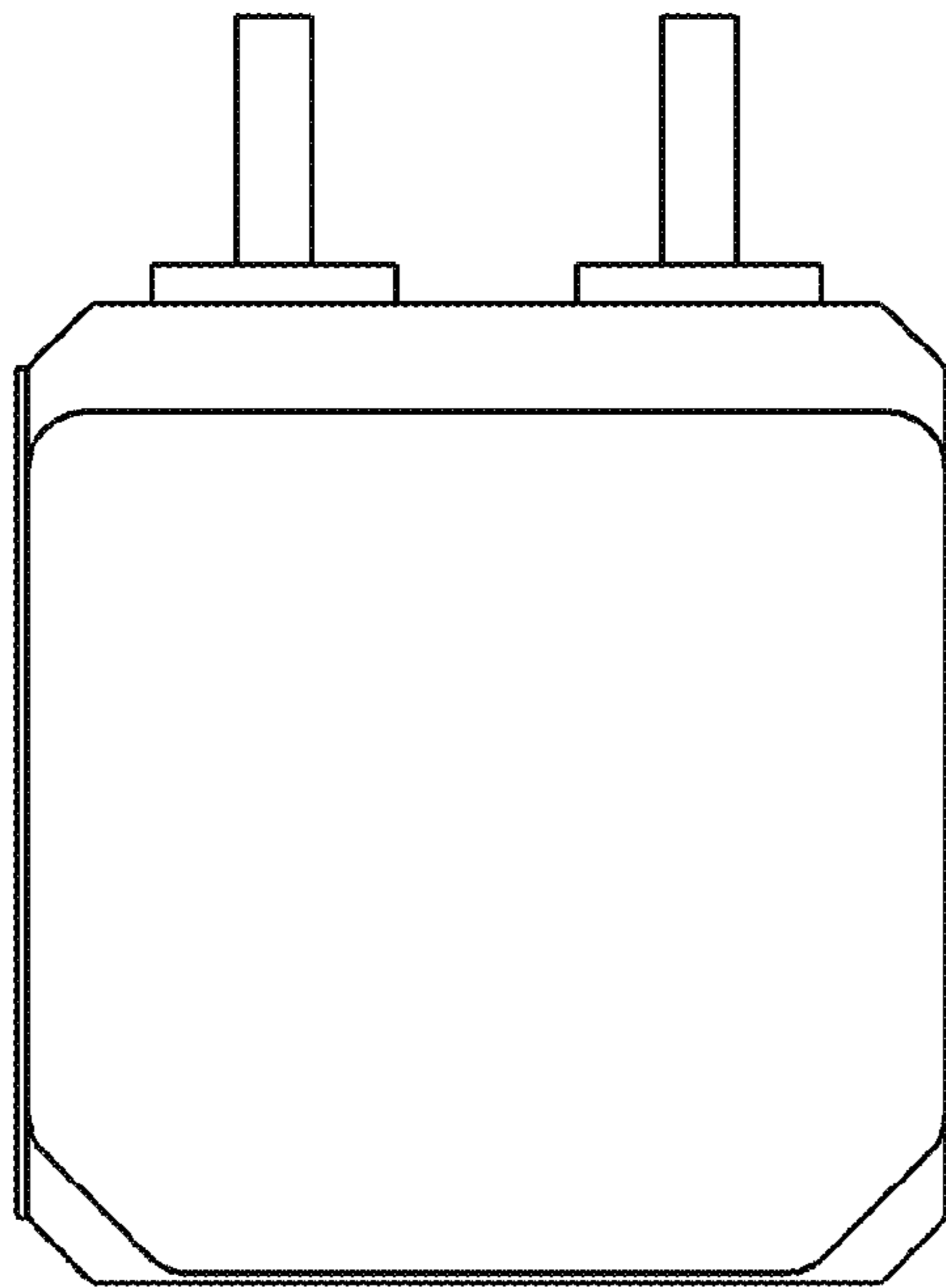


FIG. 3

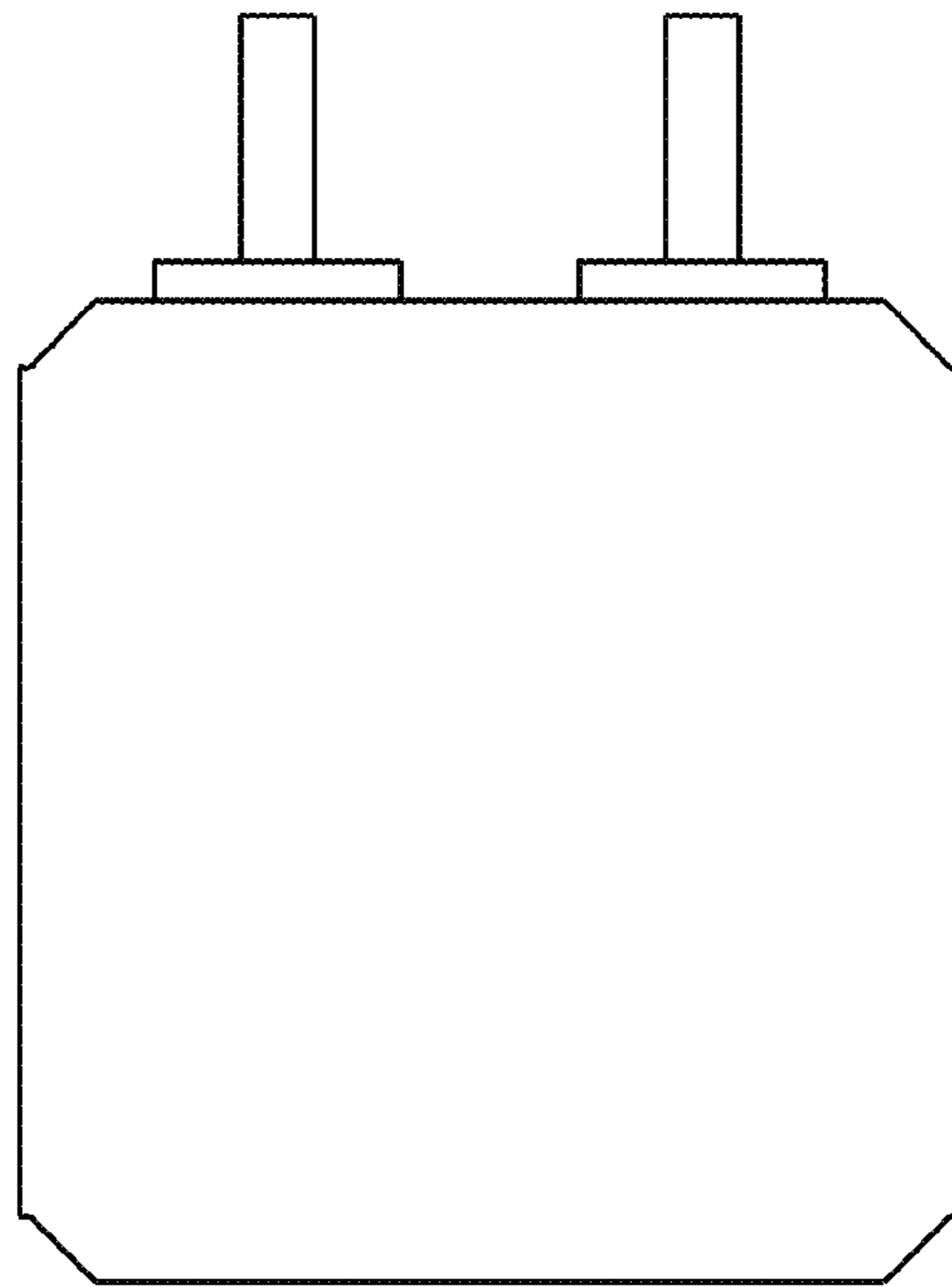


FIG. 4

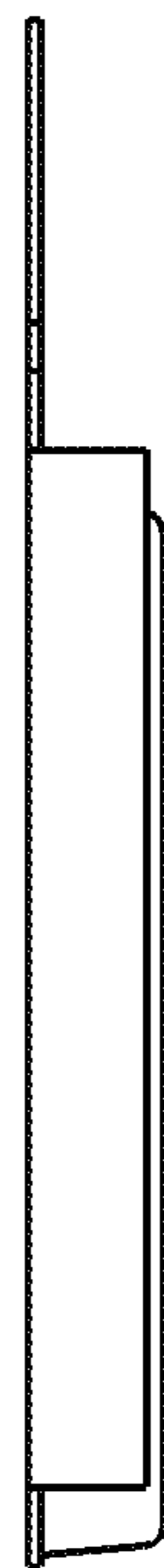


FIG. 5

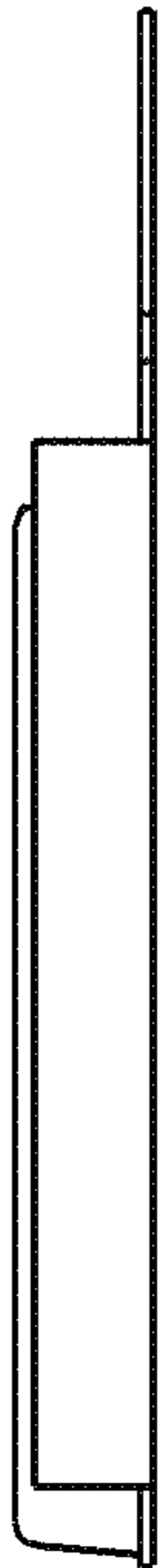


FIG. 6



FIG. 7



FIG. 8

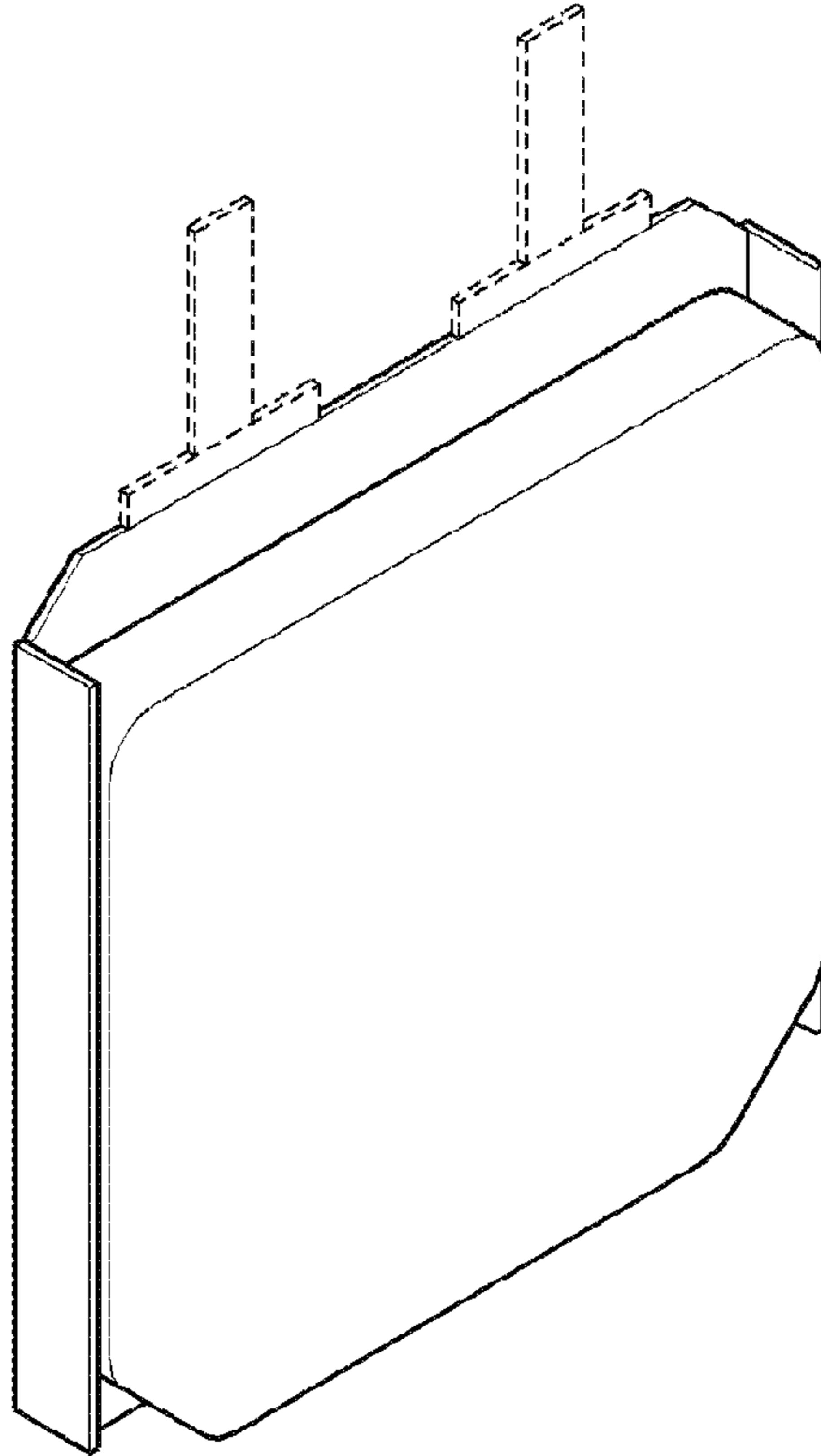


FIG. 9

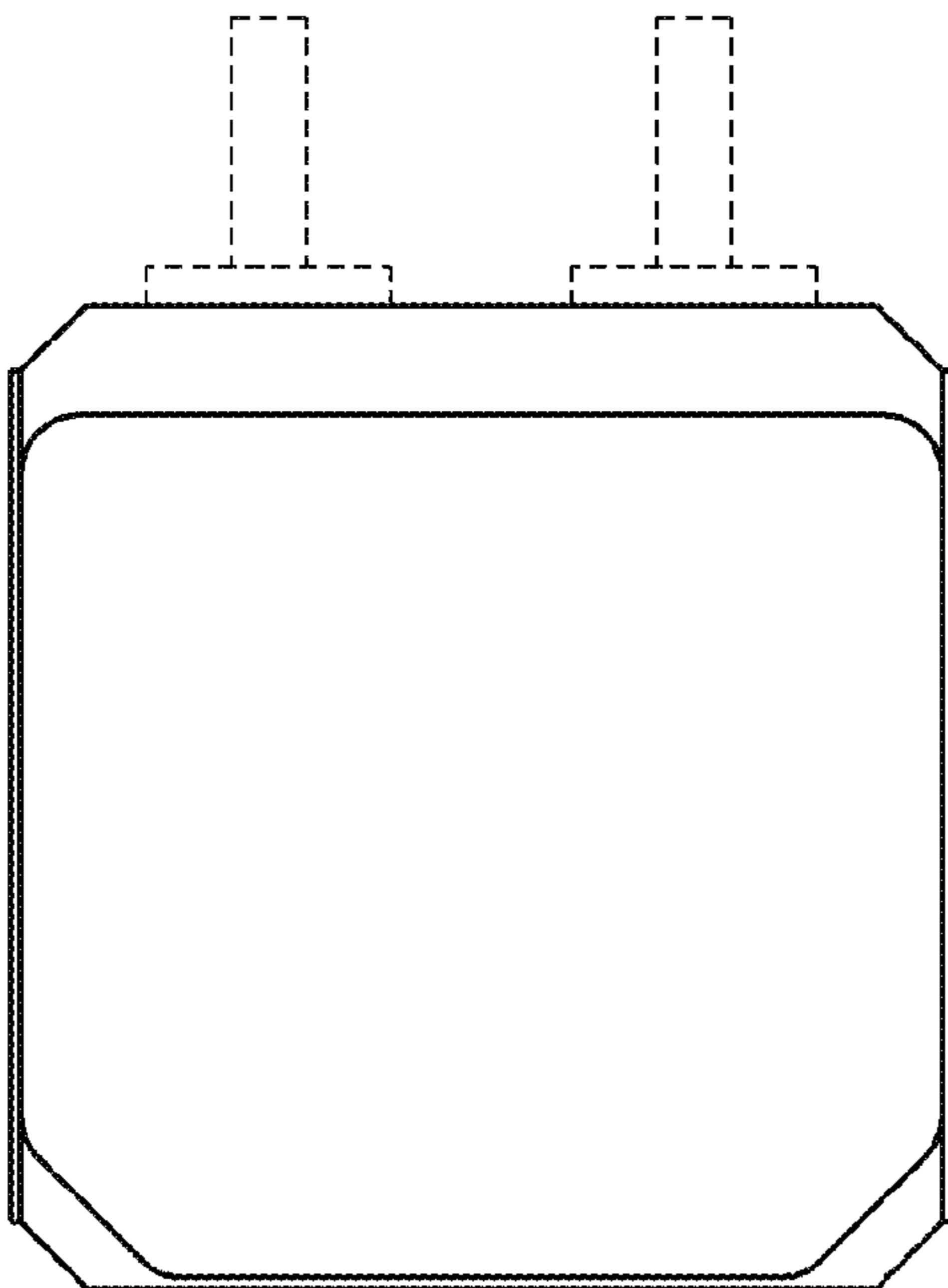


FIG. 10

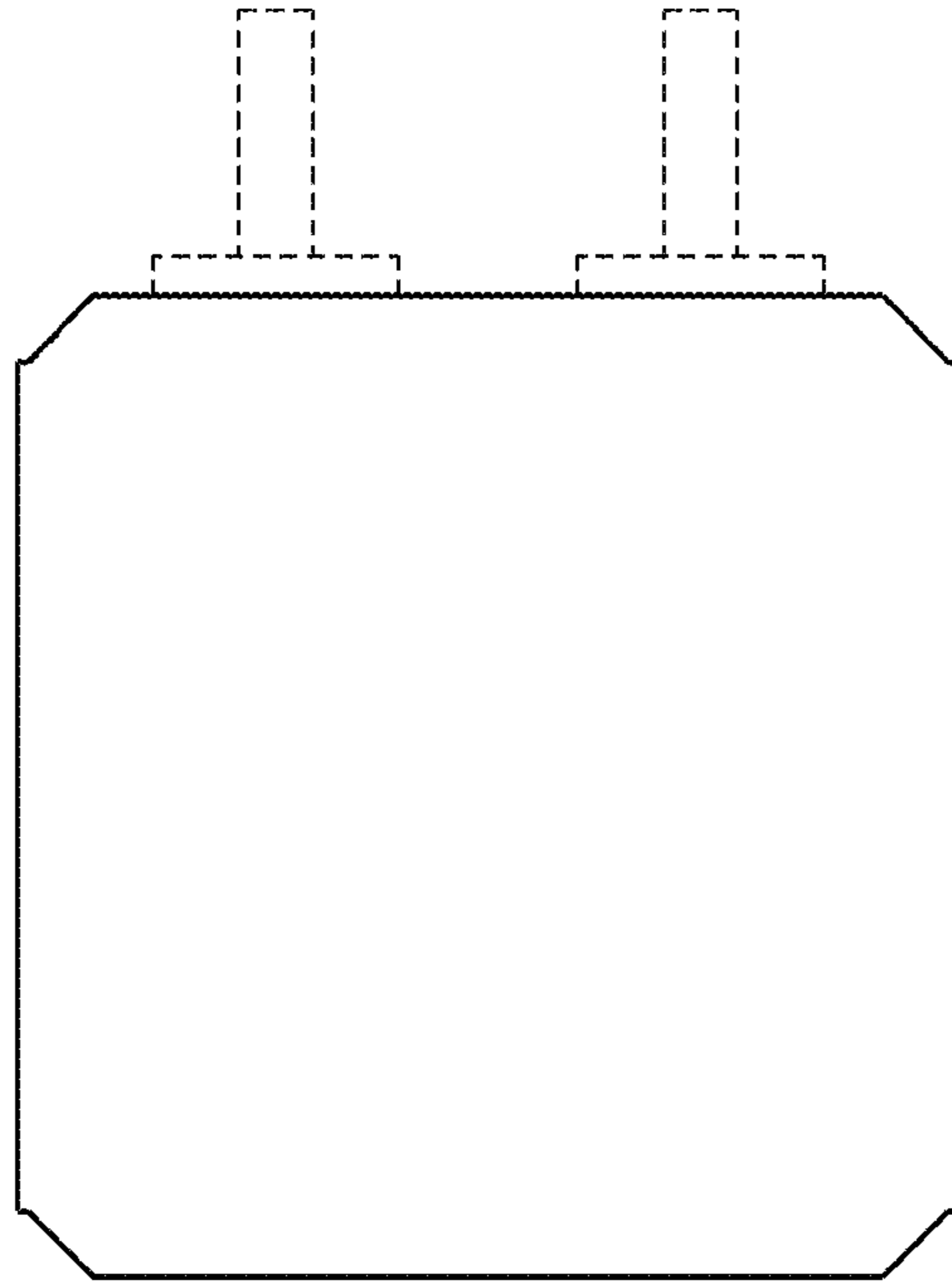


FIG. 11



FIG. 12

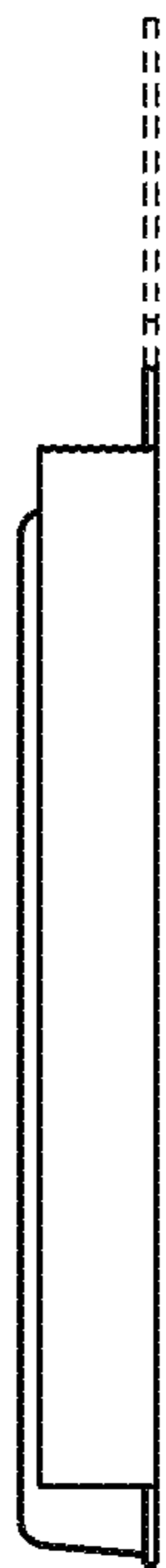


FIG. 13



FIG. 14



FIG. 15

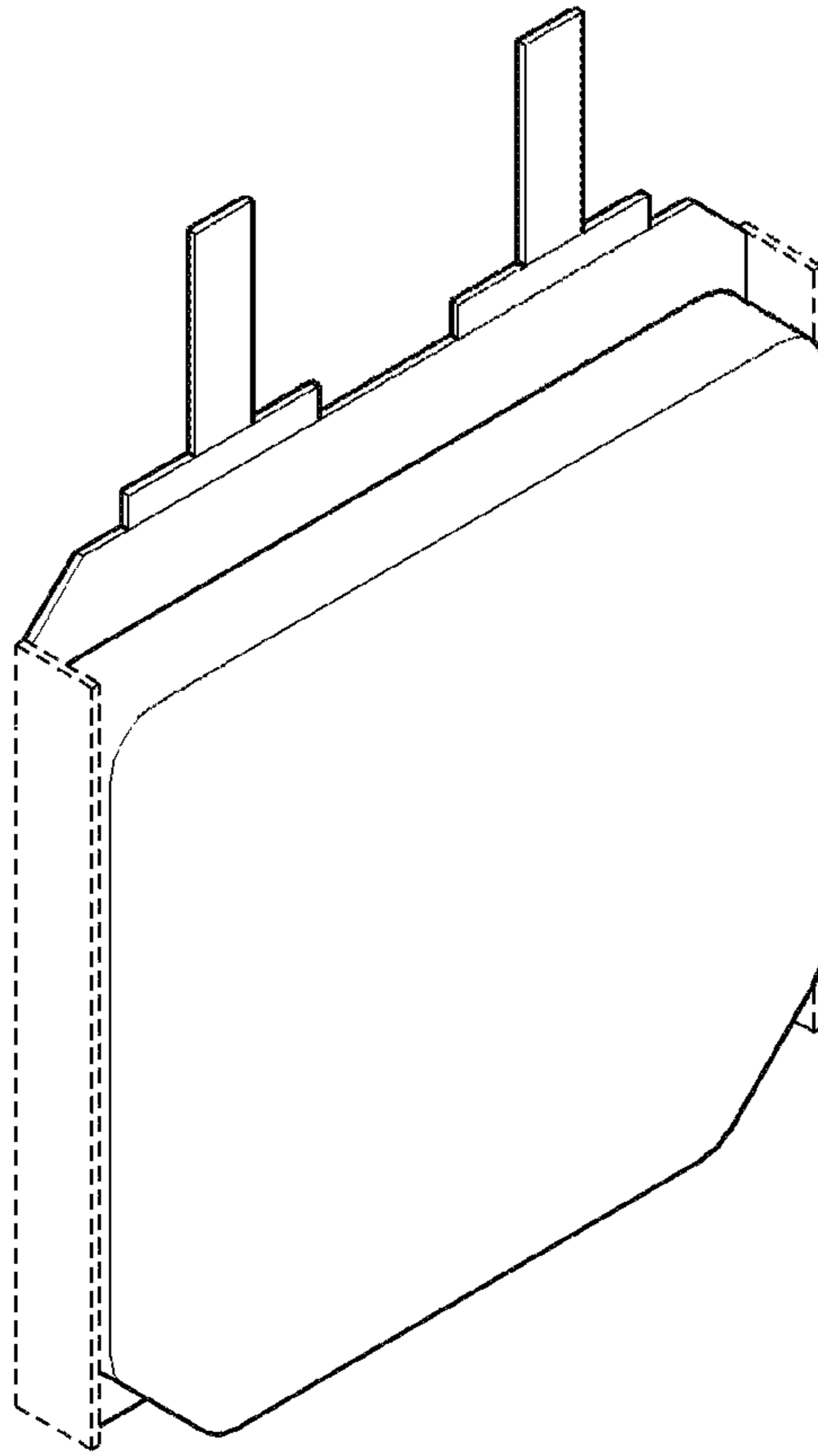


FIG. 16

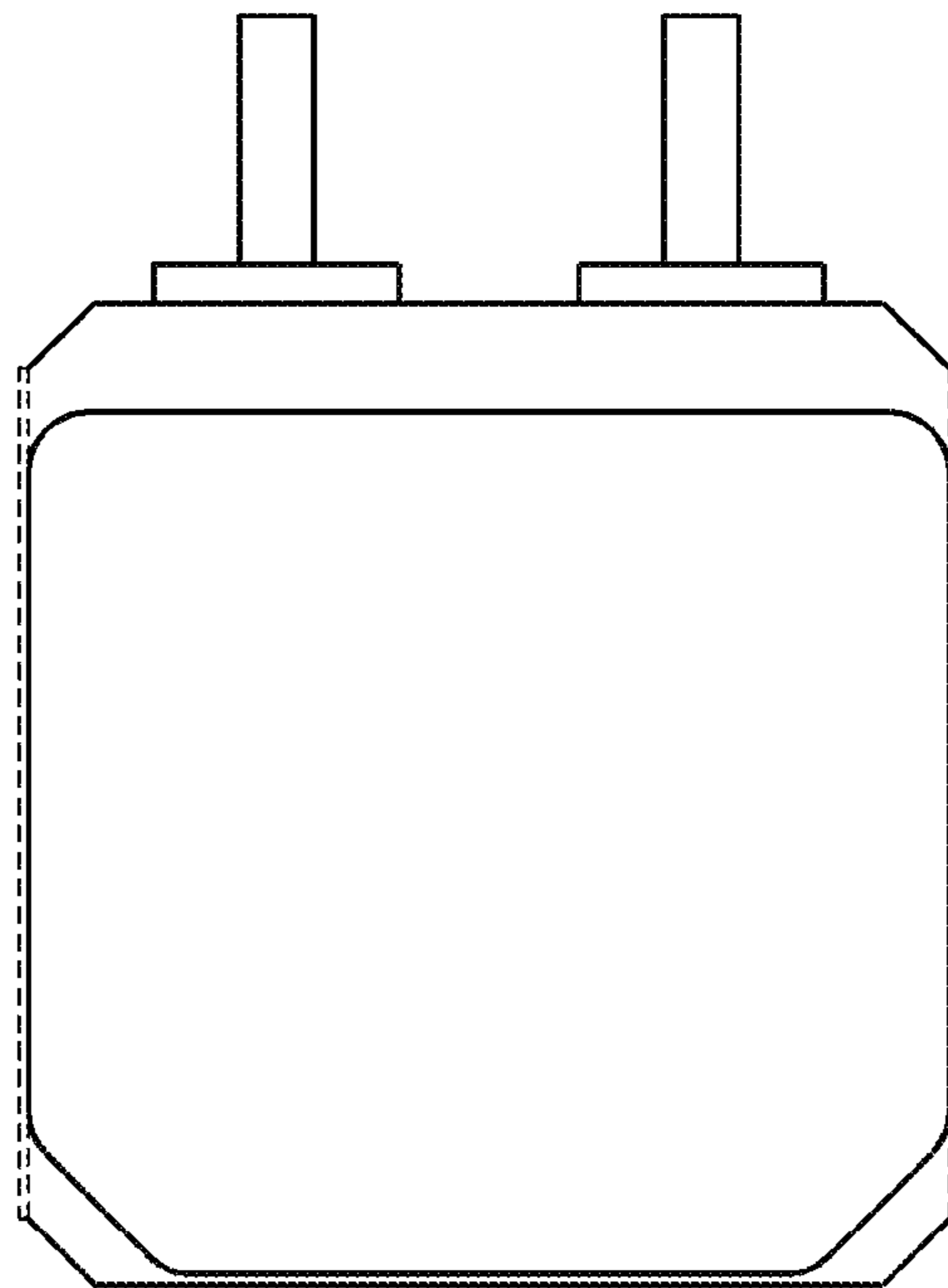


FIG. 17

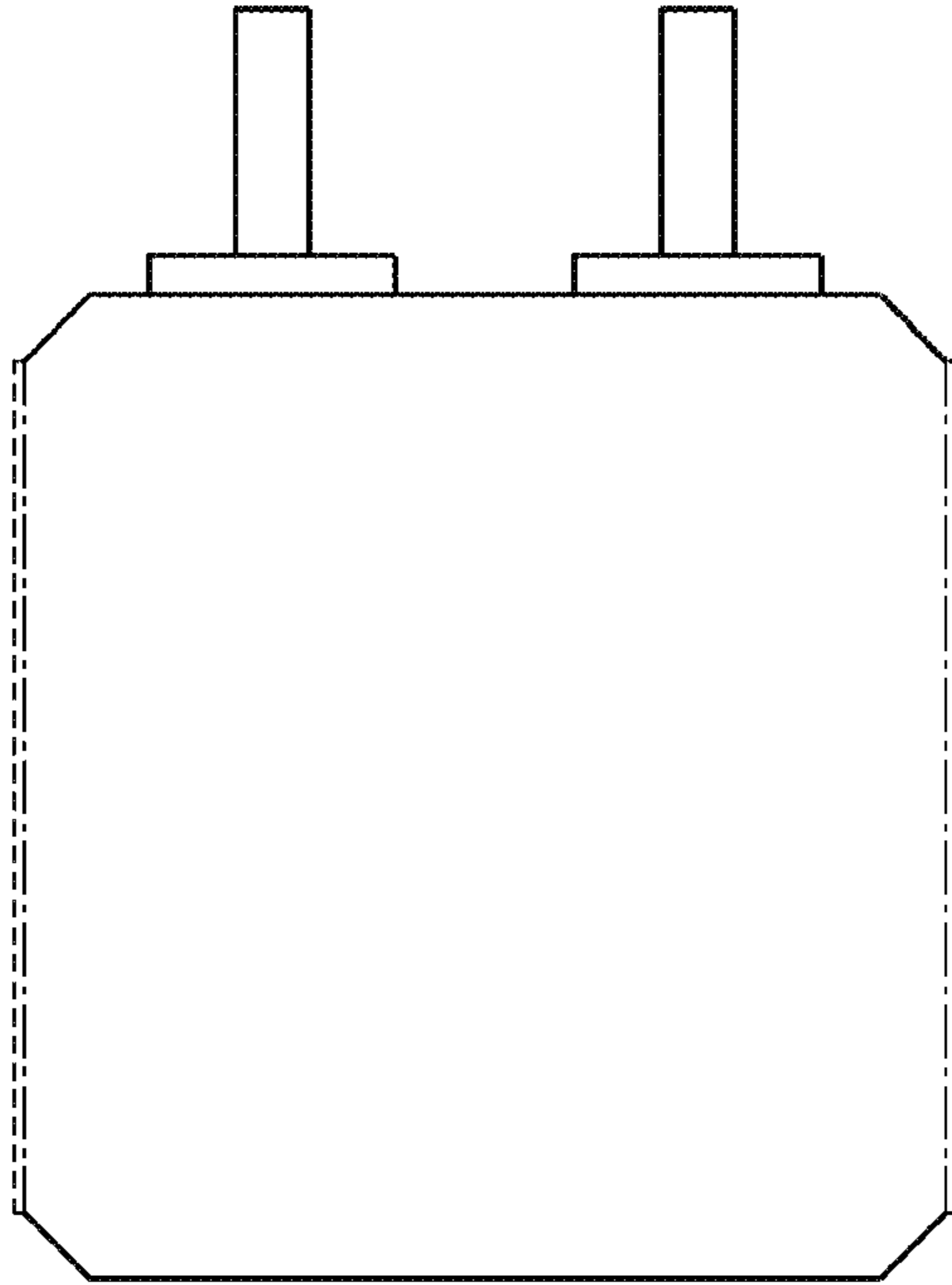


FIG. 18

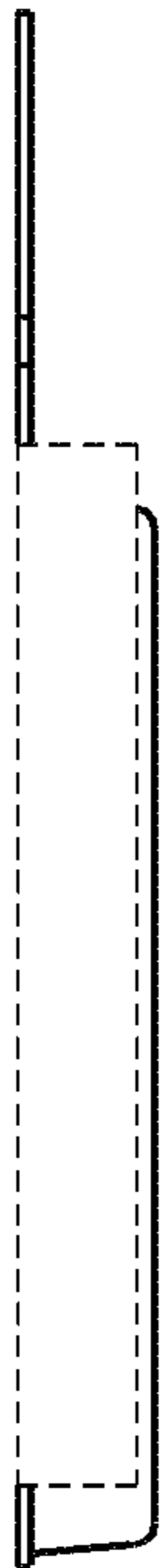


FIG. 19



FIG. 20



FIG. 21

