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(12) United States Design Patent

Reese et al.

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(54) **SINGLE DOOR FOR ELECTRICAL PANEL ENCLOSURE**

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/677,243**

(22) Filed: **Jan. 18, 2019**

Related U.S. Application Data

(62) Division of application No. 29/584,833, filed on Nov. 17, 2016, now Pat. No. Des. 857,639.

(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/184**

(58) **Field of Classification Search**
USPC D13/158, 162, 163, 174, 184
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,157,306 A 11/1964 Courson
D210,078 S 2/1968 Eck
(Continued)

FOREIGN PATENT DOCUMENTS

CN 201830589 U 5/2011
CN 204168660 U 2/2015

OTHER PUBLICATIONS

Notice of Allowance, U.S. Appl. No. 29/584,833, dated Apr. 4, 2019, pp. 10.

Primary Examiner — Selina Sikder
(74) *Attorney, Agent, or Firm* — Stinson LLP

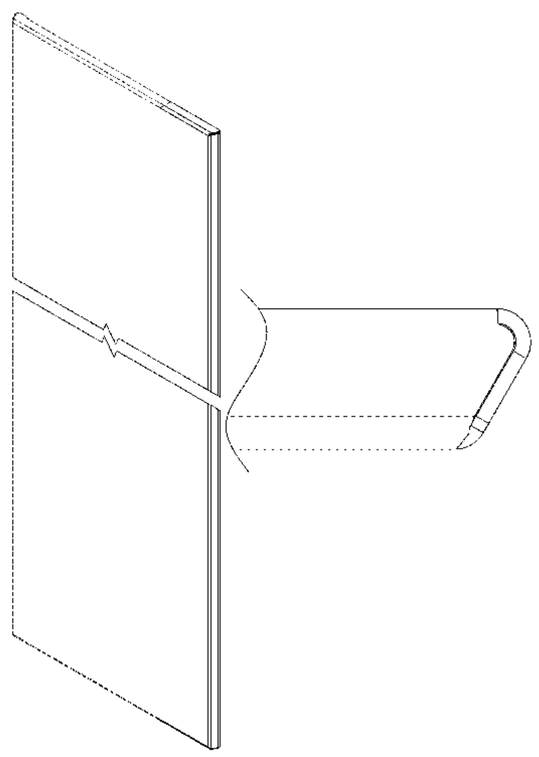
(57) **CLAIM**

The ornamental designs for a single door for electrical panel enclosure, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a first embodiment of the single door for electrical panel enclosure showing our new design;
FIG. **2** is a front elevational view of the first embodiment of the single door for electrical panel enclosure;
FIG. **3** is a right elevational view of the first embodiment of the single door for electrical panel enclosure;
FIG. **4** is a top plan view of the first embodiment of the single door for electrical panel enclosure;
FIG. **5** is a rear elevational view of the first embodiment of the single door for electrical panel enclosure;
FIG. **6** is a left elevational view of the first embodiment of the single door for electrical panel enclosure;
FIG. **7** is a bottom plan view of the first embodiment of the single door for electrical panel enclosure;
FIG. **8** is an enlarged, fragmentary view of a right portion of FIG. **4**;
FIG. **9** is a perspective view of a second embodiment of the single door for electrical panel enclosure showing our new design;
FIG. **10** is a front elevational view of the second embodiment of the single door for electrical panel enclosure;
FIG. **11** is a right elevational view of the second embodiment of the single door for electrical panel enclosure;
FIG. **12** is a top plan view of the second embodiment of the single door for electrical panel enclosure;
FIG. **13** is a rear elevational view of the second embodiment of the single door for electrical panel enclosure;
FIG. **14** is a left elevational view of the second embodiment of the single door for electrical panel enclosure;
FIG. **15** is a bottom plan view of the second embodiment of the single door for electrical panel enclosure; and,
FIG. **16** is an enlarged, fragmentary view of a right portion of FIG. **12**.

(Continued)



The broken lines in the drawings depict portions single door for electrical panel enclosure and form no part of the claimed design. The break lines in the drawing views indicate indeterminate height, it being understood that it has a uniform shape and appearance through its height.

1 Claim, 16 Drawing Sheets

(58) **Field of Classification Search**
CPC ... H02B 1/01; H02B 1/26; H02B 1/30; H05K 5/00; H05K 5/0004; H05K 5/0008; H05K 5/0017; H05K 5/03; H05K 5/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D324,965	S	3/1992	Nelsen	
D349,888	S	8/1994	Yamamoto et al.	
5,445,585	A	8/1995	Meeker	
5,467,250	A	11/1995	Howard et al.	
D365,086	S	12/1995	Spechts	
5,822,180	A	10/1998	Deschamps et al.	
6,478,391	B1	11/2002	Stoever	
D503,931	S	4/2005	Kauranen et al.	
D543,161	S	5/2007	Stepputat	
D588,081	S	3/2009	Lewis, II et al.	
7,952,042	B2	5/2011	Coomer et al.	
D653,224	S	1/2012	Jonas et al.	
D670,510	S	11/2012	Daino et al.	
9,318,883	B2 *	4/2016	Schmidt	H02B 13/025
D812,025	S	3/2018	Cagliani et al.	
10,010,003	B2 *	6/2018	Chang	H05K 5/0221
D830,975	S	10/2018	Vierjarvi et al.	
D857,639	S *	8/2019	Reese	D13/184
10,537,038	B2 *	1/2020	Reese	H05K 7/18
2011/0001411	A1	1/2011	Borning et al.	
2012/0062084	A1	3/2012	Lewis, II et al.	
2012/0299455	A1	11/2012	Li et al.	
2013/0342091	A1	12/2013	Walker et al.	
2014/0104759	A1	4/2014	Takano	
2015/0002006	A1	1/2015	Segroves et al.	
2015/0075080	A1	3/2015	Ellingson	
2015/0173253	A1	6/2015	Lewis, II et al.	
2016/0219729	A1	7/2016	Omani et al.	
2016/0255421	A1	9/2016	Farrar et al.	
2016/0372896	A1	12/2016	Strong et al.	
2017/0150636	A1	5/2017	Segroves et al.	
2017/0172015	A1	6/2017	Yu et al.	
2018/0098456	A1	4/2018	Schreier et al.	
2018/0139859	A1 *	5/2018	Reese	H02B 1/28
2018/0213667	A1	7/2018	Midday et al.	
2018/0213670	A1	7/2018	Freire	
2018/0213673	A1	7/2018	Eckberg et al.	

* cited by examiner

FIG. 1

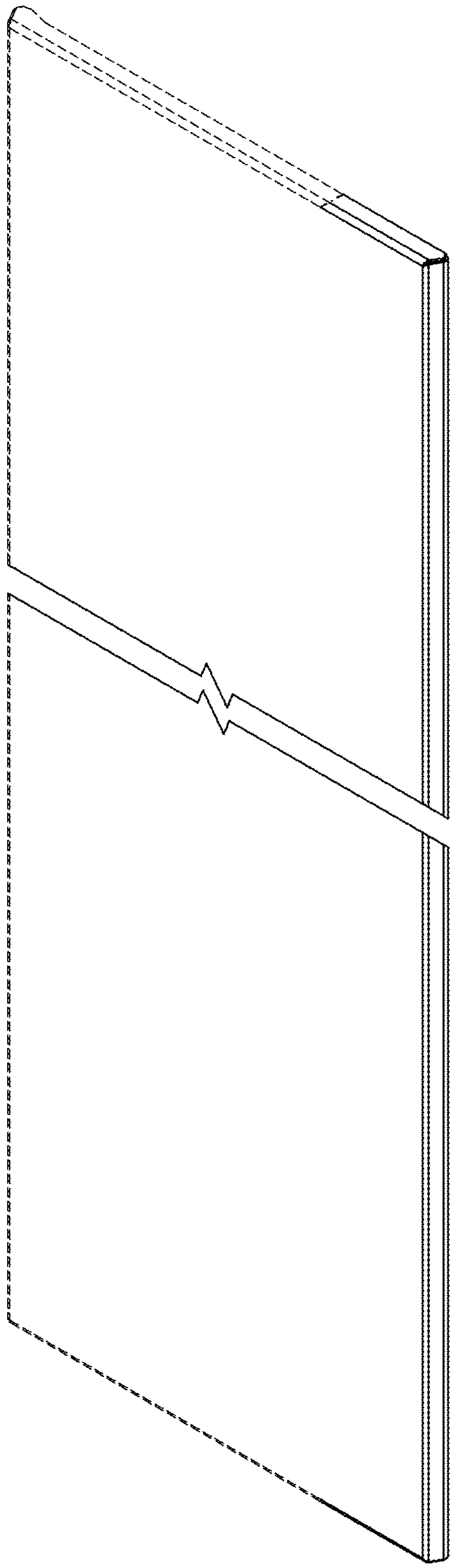


FIG. 2

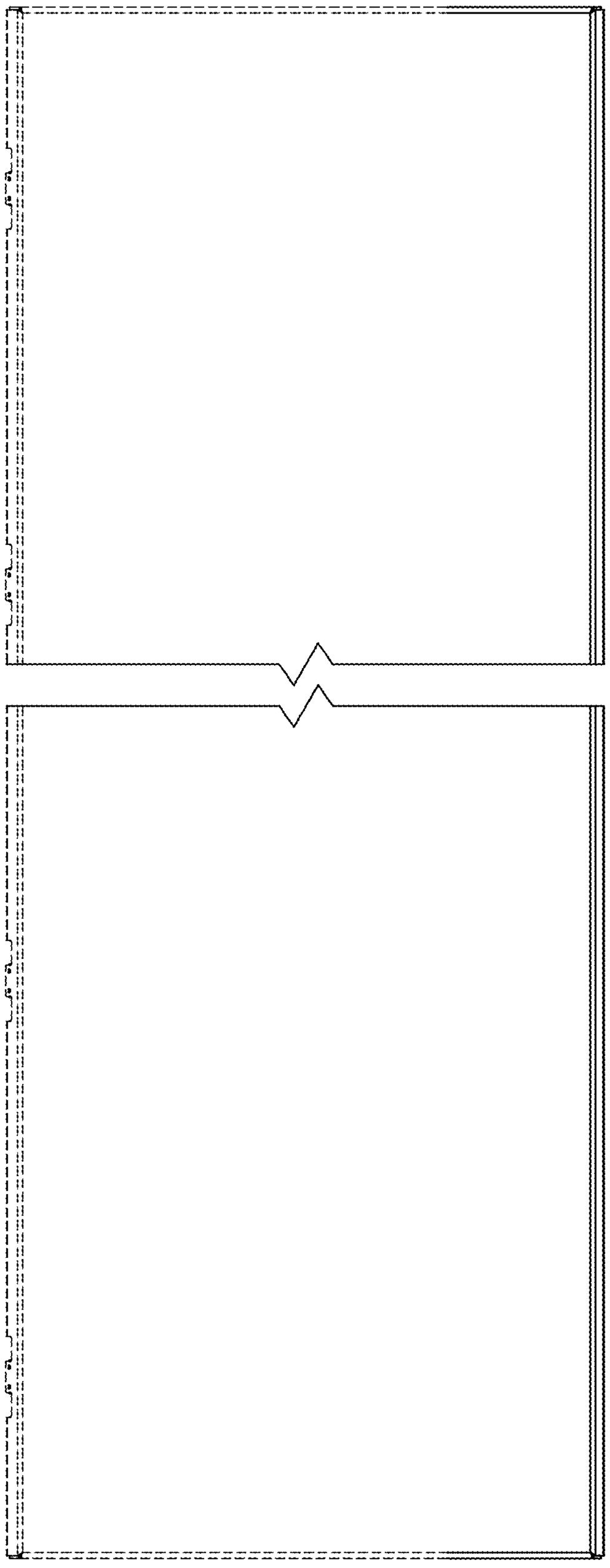


FIG. 3

FIG. 4

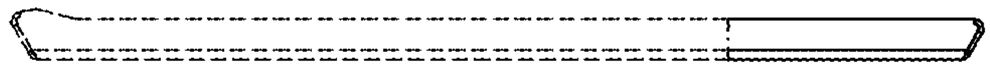


FIG. 5

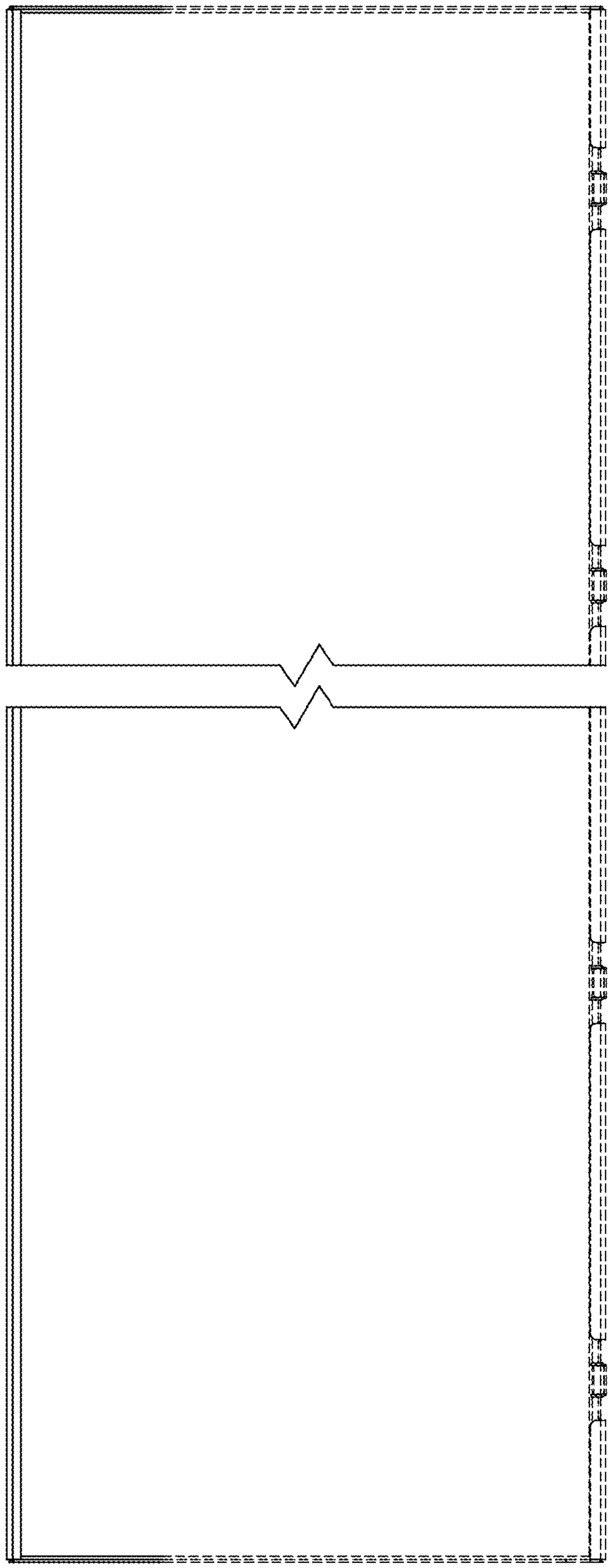


FIG. 6

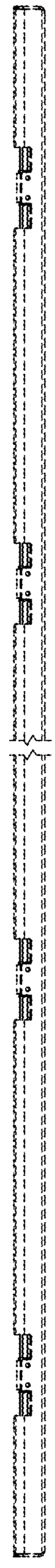


FIG. 7

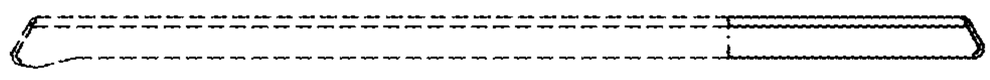


FIG. 8

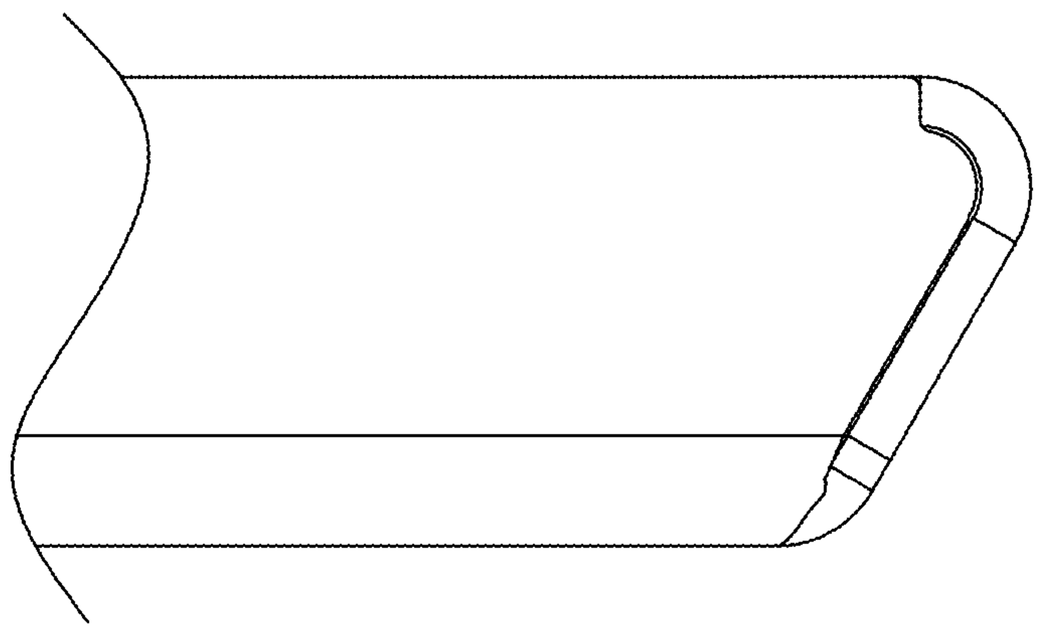


FIG. 9

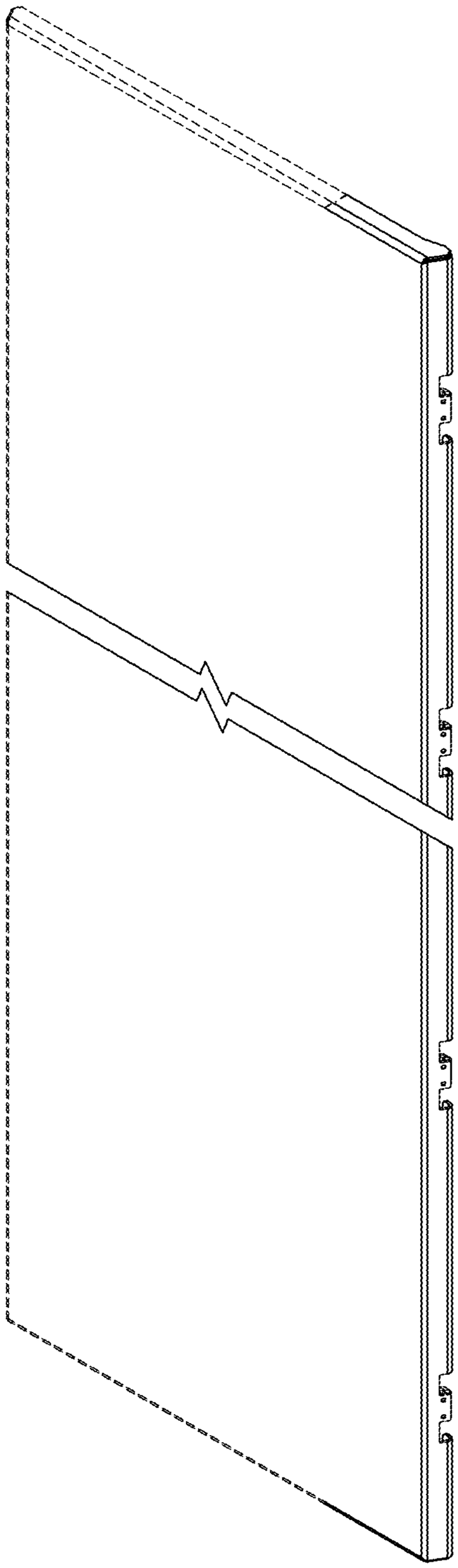


FIG. 10

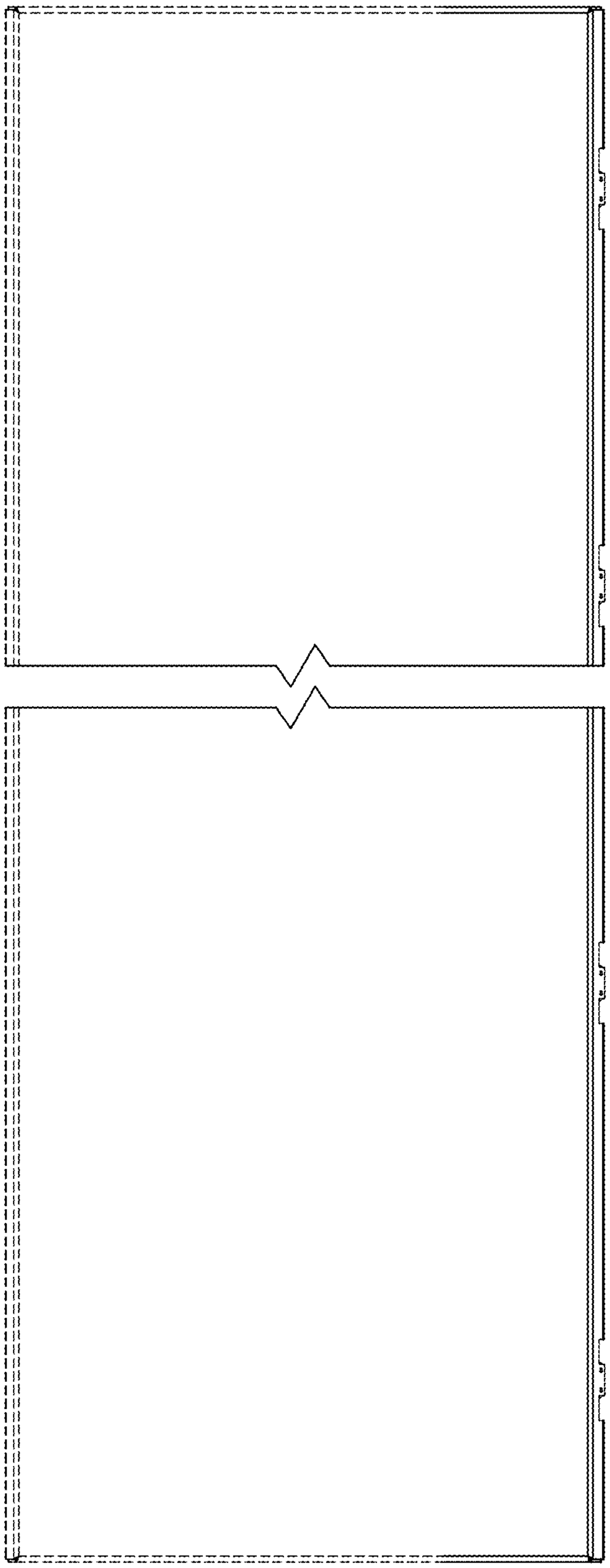


FIG. 11

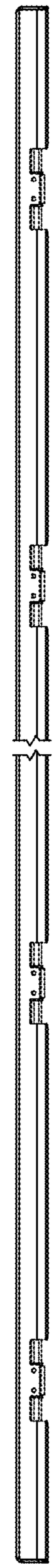


FIG. 12

FIG. 13

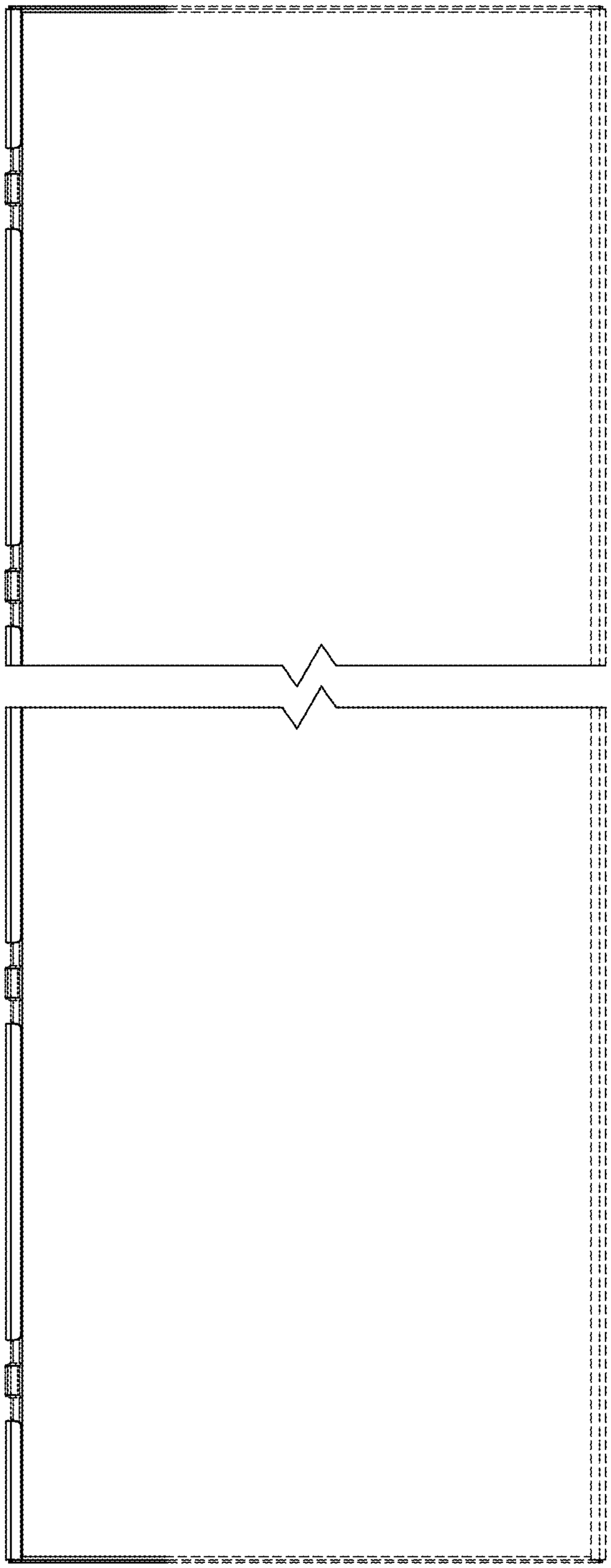


FIG. 14

FIG. 15

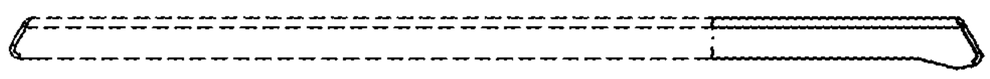


FIG. 16