



US00D852737S

(12) **United States Design Patent** (10) **Patent No.:** **US D852,737 S**
Andre et al. (45) **Date of Patent:** **** Jul. 2, 2019**

(54) **BATTERY**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Bartley K. Andre**, Palo Alto, CA (US);
Mikael Silvanto, San Francisco, CA (US);
David P. Tarkington, Sunnyvale, CA (US);
Joshua Funamura, San Jose, CA (US);
Ari Parsons Miller, San Francisco, CA (US)

(73) Assignee: **Apple Inc.**, Cupertino, CA (US)

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

(21) Appl. No.: **29/618,886**

(22) Filed: **Sep. 25, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/519,710, filed on Mar. 6, 2015, now Pat. No. Des. 805,027.

(51) **LOC (11) Cl.** **13-02**

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

(58) **Field of Classification Search**
USPC D13/102-110, 118-119, 184, 199;
D14/356, 432, 251, 253, 434;
320/107-115, 135, 138, 140, 103-105
CPC Y02E 60/12; Y02E 60/122; Y02E 60/124;
Y02E 60/50; H01M 2/02; 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 2/20;
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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D332,442 S	1/1993	Simpson, Sr.	
D439,218 S	3/2001	Yu	
6,284,406 B1	9/2001	Xing et al.	
6,542,358 B1	4/2003	Kunz et al.	
D483,325 S *	12/2003	Fujihara D13/103

(Continued)

FOREIGN PATENT DOCUMENTS

JP	D1386496	5/2010
----	----------	--------

OTHER PUBLICATIONS

App. of Bartley K. Andre with U.S. Appl. No. 29/435,191, filed Oct. 20, 2012, entitled "Electronic Device" (unpublished).

Primary Examiner — Michelle E. Wilson

Assistant Examiner — Sanjeev Paul

(74) *Attorney, Agent, or Firm* — Saidman DesignLaw Group, LLC

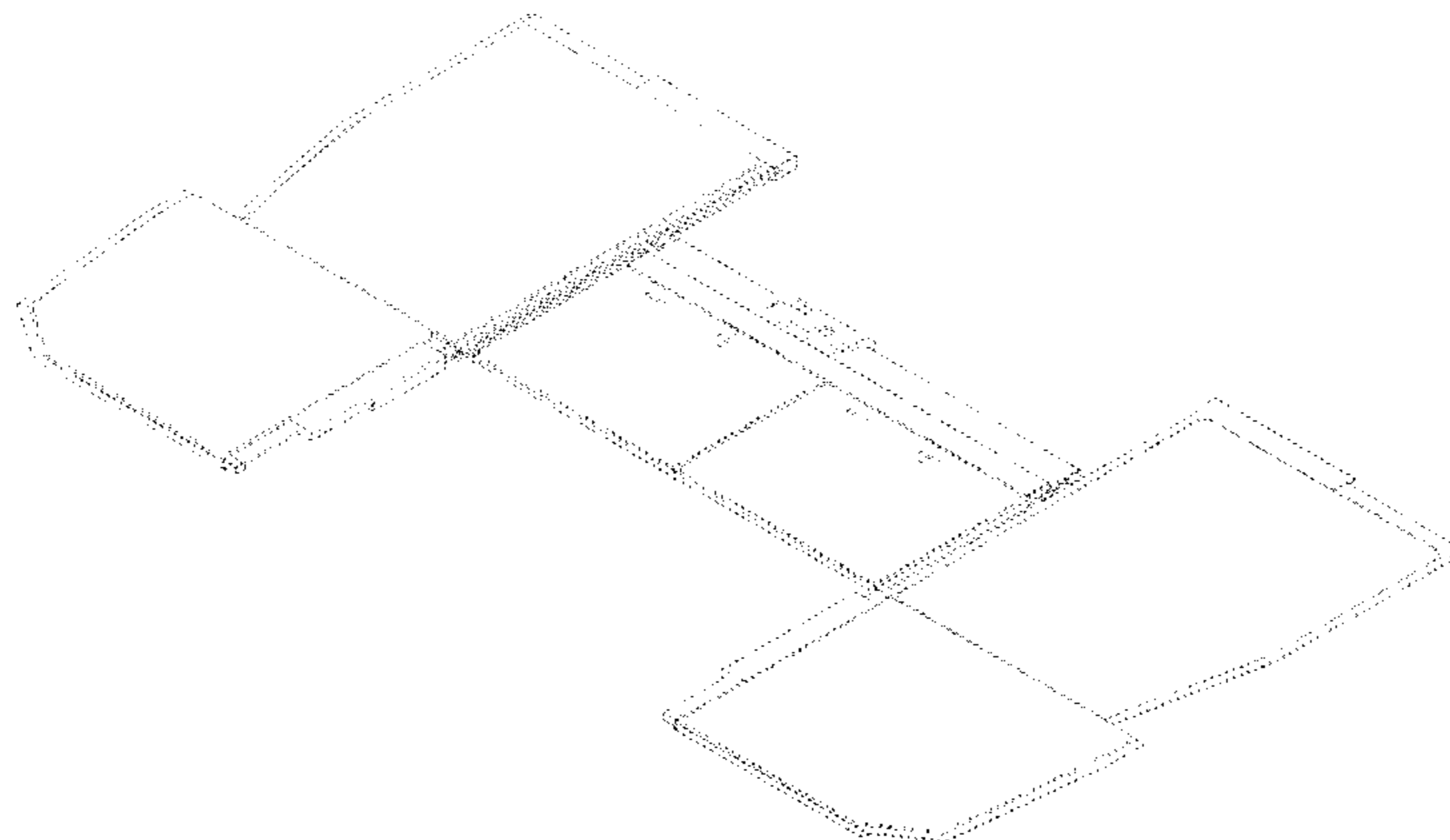
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top perspective view of a battery showing our new design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The dashed broken lines illustrate structure or features that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,884,540 B2 4/2005 Chikada
 D532,363 S 11/2006 Morisawa
 7,648,538 B2 1/2010 Oogami et al.
 D634,705 S 3/2011 Yip et al.
 D635,506 S * 4/2011 Morisawa D13/103
 D637,157 S * 5/2011 Andre D13/103
 D655,673 S * 3/2012 Masui D13/103
 8,130,492 B2 3/2012 Tsukazawa
 D658,583 S * 5/2012 Andre D13/103
 D669,849 S * 10/2012 Morisawa D13/103
 D669,850 S 10/2012 Morisawa
 D670,240 S * 11/2012 Morisawa D13/103
 D672,713 S * 12/2012 Masui D13/103
 D677,620 S * 3/2013 Corbin D13/103
 D678,184 S 3/2013 Banko et al.
 8,399,117 B2 3/2013 Hu et al.
 D682,786 S * 5/2013 Takuma D13/119
 D692,823 S * 11/2013 Tanaka D13/103
 D697,479 S * 1/2014 Andre D13/119
 D708,128 S 7/2014 Andre et al.
 D711,311 S * 8/2014 Corbin D13/103
 D712,345 S * 9/2014 Kwon D13/103
 D719,085 S 12/2014 Aoyagi et al.
 D719,087 S * 12/2014 Bataillou D13/103
 D724,014 S * 3/2015 Kwon D13/103
 D724,015 S * 3/2015 Kwon D13/103
 D724,016 S * 3/2015 Kwon D13/103
 D724,017 S * 3/2015 Kwon D13/103
 D724,018 S * 3/2015 Kwon D13/103
 D724,019 S * 3/2015 Kwon D13/103

D724,020 S * 3/2015 Kwon D13/103
 D724,021 S * 3/2015 Kwon D13/103
 D724,022 S * 3/2015 Kwon D13/103
 D724,528 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
 D729,805 S * 5/2015 Bataillou D14/432
 D734,255 S * 7/2015 Leidel D13/108
 D734,256 S * 7/2015 Leidel D13/108
 D738,821 S 9/2015 Banko et al.
 D743,329 S * 11/2015 Aiken D13/102
 D755,119 S * 5/2016 Munshi D13/102
 D758,300 S * 6/2016 Srnec D13/102
 D758,961 S * 6/2016 Aoyagi D13/103
 D763,192 S * 8/2016 Tyler D13/119
 D765,597 S * 9/2016 Kim D13/108
 D765,625 S * 9/2016 Akana D14/248
 D767,572 S 9/2016 Akana et al.
 D768,074 S * 10/2016 Park D13/103
 D768,075 S * 10/2016 Park D13/103
 D768,076 S * 10/2016 Park D13/103
 D768,566 S * 10/2016 Andre D13/103
 D772,803 S * 11/2016 Haas D13/102
 2013/0115487 A1 * 5/2013 Park H01M 2/0212
 429/56
 2013/0143084 A1 * 6/2013 Kim H01M 2/0207
 429/90
 2017/0141374 A1 5/2017 Nakai
 2017/0149031 A1 5/2017 Seong et al.
 2017/0155257 A1 6/2017 Kim et al.

* cited by examiner

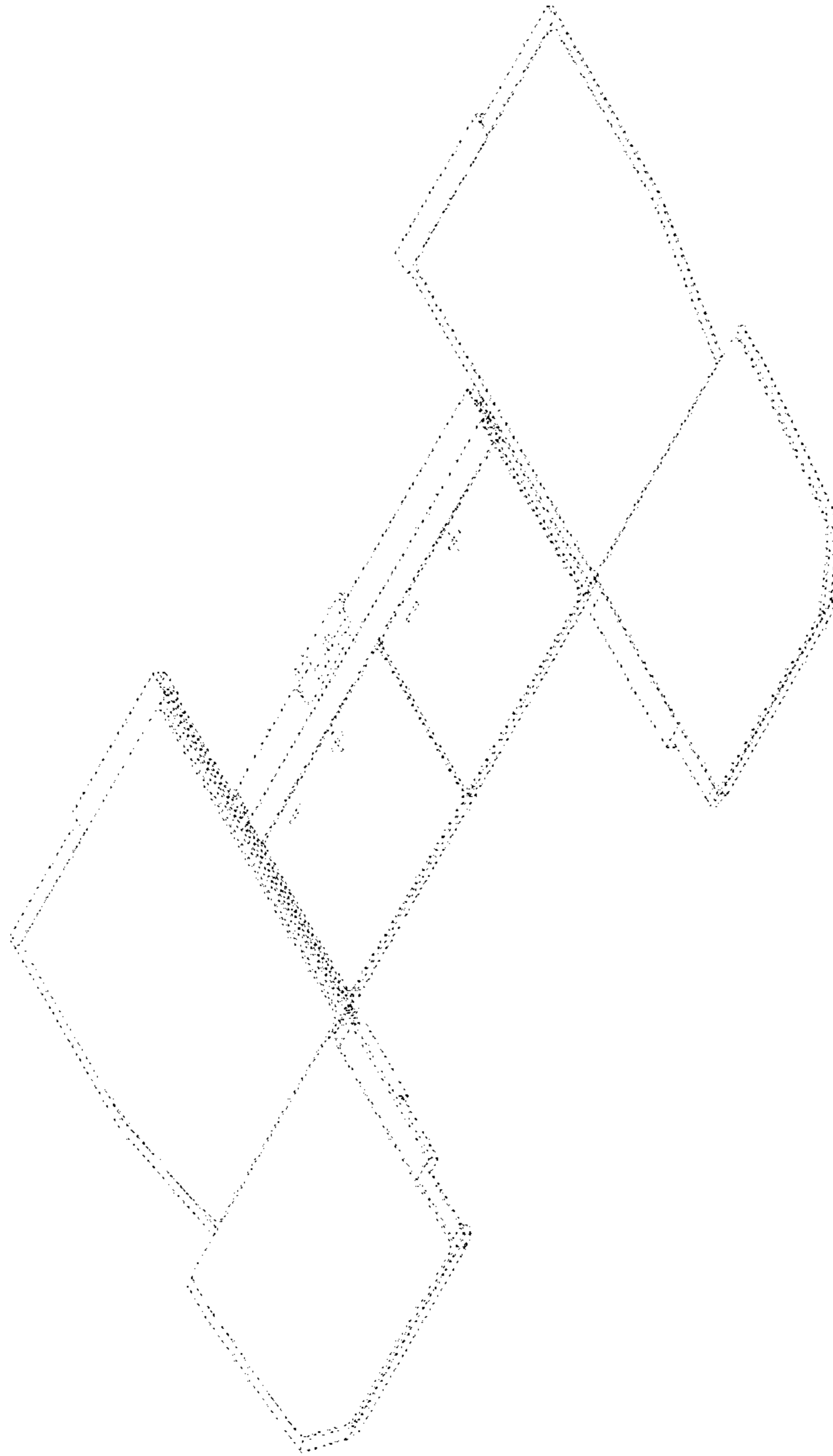


FIG. 1

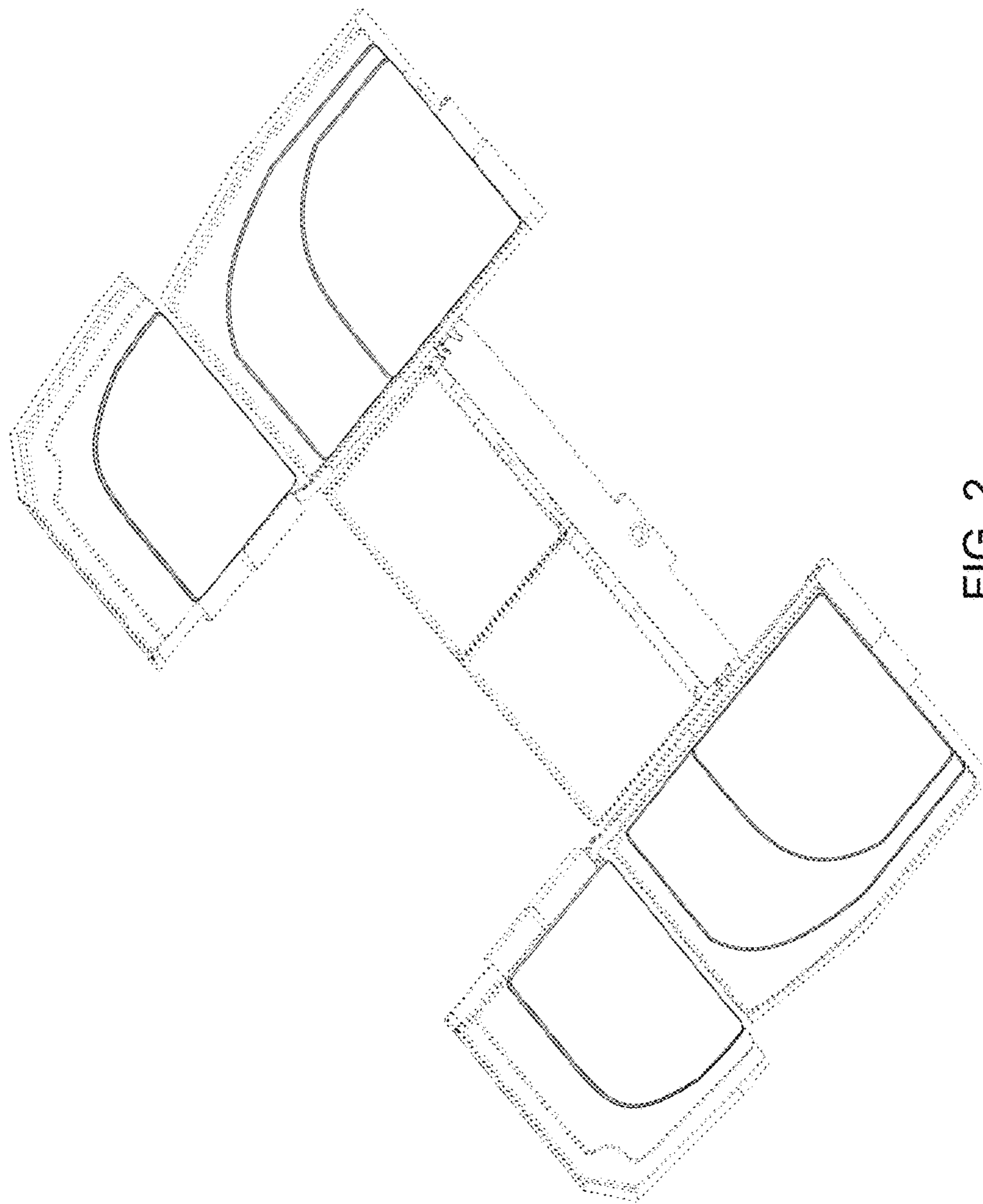


FIG. 2

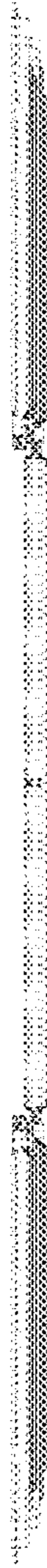


FIG. 3



FIG. 4

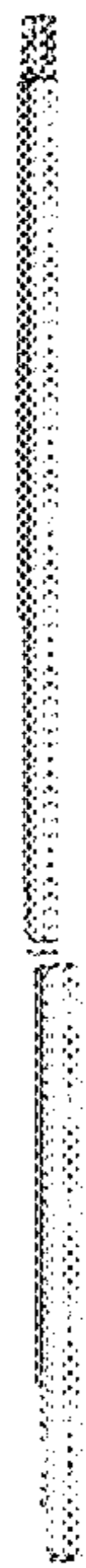


FIG. 5



FIG. 6

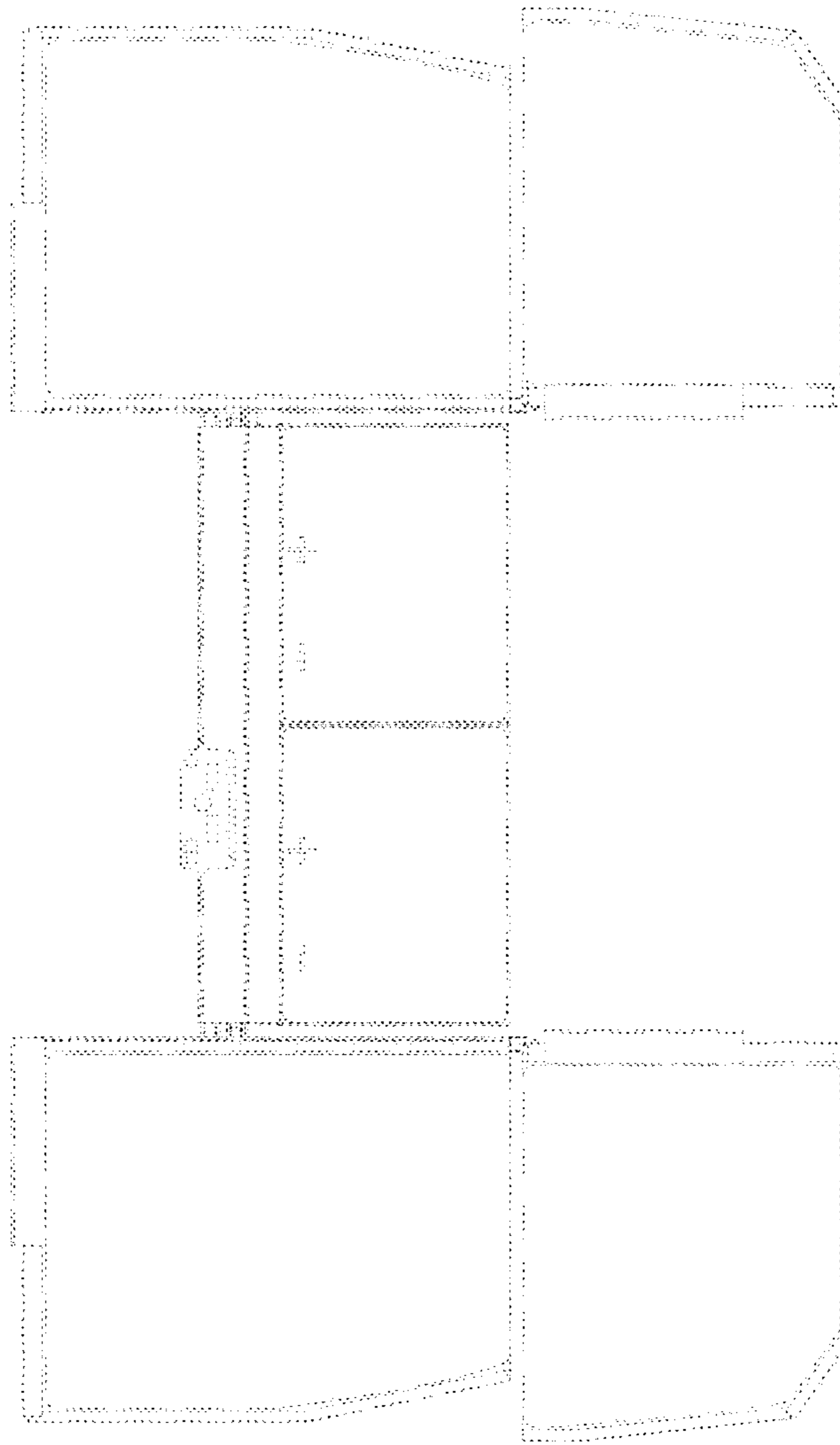


FIG. 7

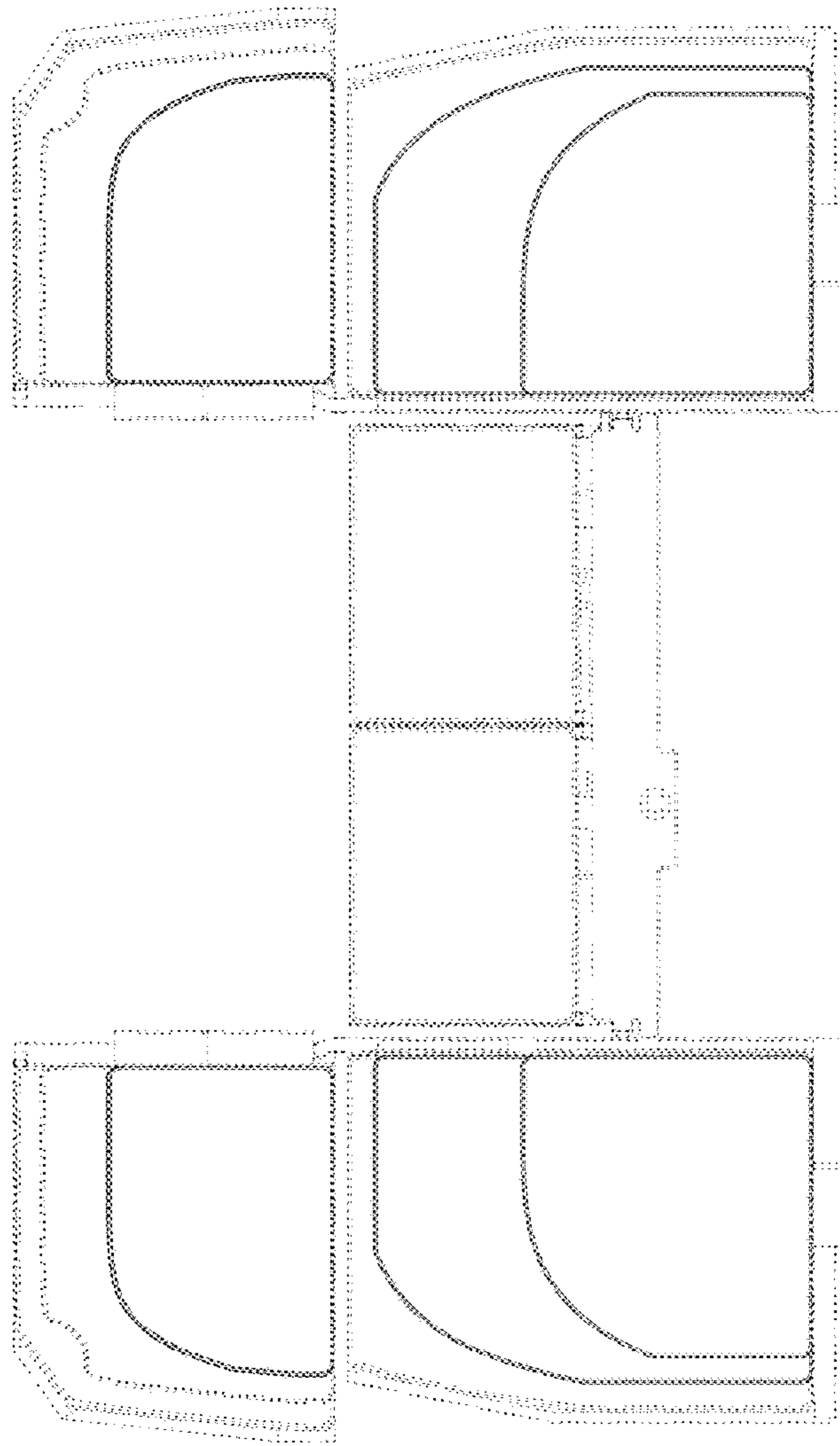


FIG. 8