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

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(45) **Date of Patent:** **** Jul. 10, 2018**

(54) **ASSEMBLED BATTERY**

H01M 10/4257; H01M 10/0436; H01M 10/48; H01M 2200/30; H01M

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(Continued)

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(56) **References Cited**

U.S. PATENT DOCUMENTS

D685,726 S * 7/2013 Kaneshige D13/103
D713,333 S * 9/2014 Komaki D13/104

(Continued)

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FOREIGN PATENT DOCUMENTS

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

JP 2015-043293 A 3/2015
JP 2015-050066 A 3/2015

(Continued)

(21) Appl. No.: **29/572,287**

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D13/104**

(58) **Field of Classification Search**
USPC D13/102, 103, 104, 105, 106, 107, 108, D13/109, 110, 118, 119, 184, 199; D14/203.3–203.8, 217, 248, 250–253, D14/432, 434, 440, 450, 496; D3/201, D3/218, 269, 301, 273, 303
CPC H02J 2001/008; H02J 3/32; H02J 3/008; H02J 7/0027; H02J 7/0013; H02J 7/0054; H02J 7/00; H02J 7/025; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0003; H02J 7/0055; H02J 7/0057; B60R 16/03; B60L 11/1809; B60L 11/1861; B60L 11/182; H01R 13/6675; H01R 13/70; H01R 13/71; H01R 13/66; H01R 2201/26; H01M 2/1022; H01M 2/1055; H01M 10/44; H01M 10/46; H01M 10/425; H01M 2/02; H01M 2/022; H01M 2/0202; H01M 2/0207; H01M 2/0212;

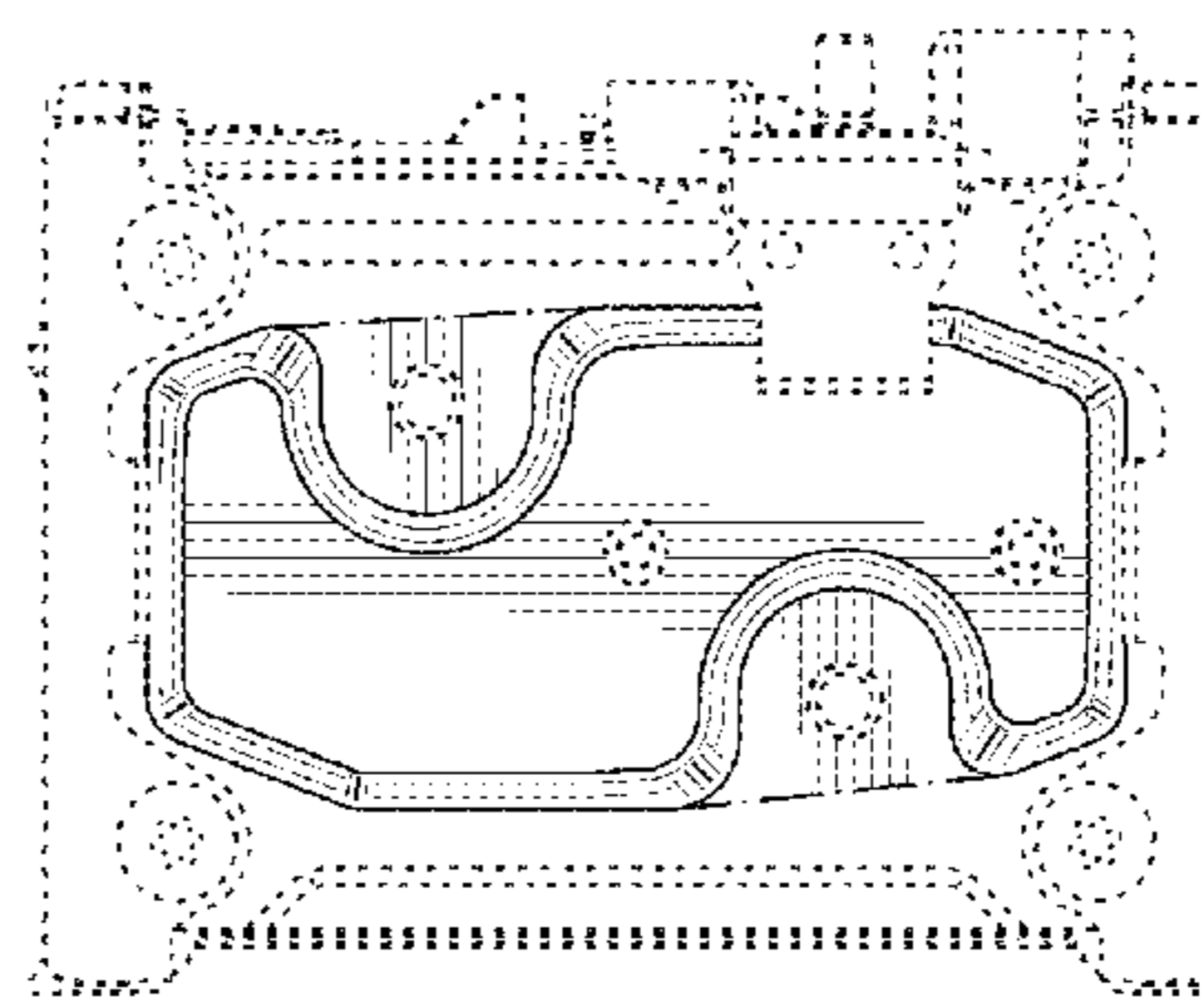
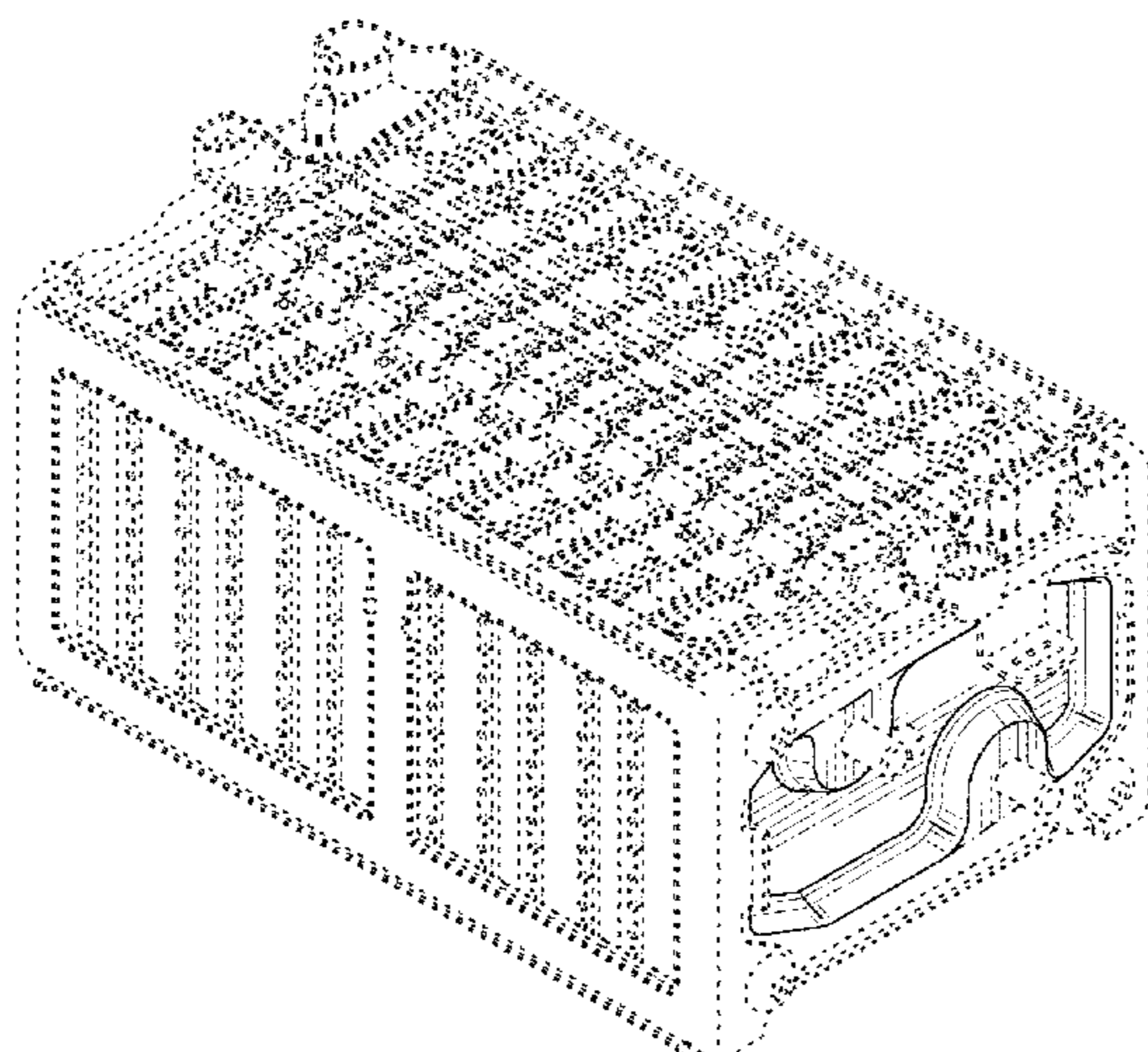
(57) **CLAIM**

The ornamental design for an assembled battery, as shown and described.

DESCRIPTION

FIG. 1 is a front, right side perspective view of an assembled battery of our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevation view thereof; and,
FIG. 7 is a left side elevation view thereof.
The dash-dash broken lines in the drawings are for the purpose of illustrating environment that forms no part of the claimed design. The dash-dot broken lines in the drawings are for the purpose of illustrating the boundaries of the claimed design, and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**

CPC 2250/30; H01M 2250/40; H01F 38/14;
 Y02E 60/12; Y02E 60/122; Y02E 60/124;
 Y02E 60/50; Y02T 90/14; Y02T 90/122;
 Y02T 90/128; Y02T 90/163; H05K 11/02

See application file for complete search history.

2014/0302378 A1* 10/2014 Tsuruta H01M 2/1061
 429/156
 2016/0329532 A1* 11/2016 Nishimura H01M 2/02

FOREIGN PATENT DOCUMENTS

(56) **References Cited**

U.S. PATENT DOCUMENTS

D731,426 S * 6/2015 Hong D13/119
 D758,301 S * 6/2016 Miyawaki D13/103
 D771,051 S * 11/2016 Beck D13/108
 D777,665 S * 1/2017 Krivonak D13/110
 D777,666 S * 1/2017 Krivonak D13/110
 D789,292 S * 6/2017 Kotsubo D13/107
 9,711,764 B2* 7/2017 Mochizuki H01M 2/1016
 9,711,766 B2* 7/2017 Hoshino H01M 2/1077
 D803,777 S * 11/2017 Burchard D13/103
 9,865,898 B2* 1/2018 Sera H01M 10/0468
 2011/0117419 A1* 5/2011 Lee H01M 2/1077
 429/156
 2011/0135992 A1* 6/2011 Kim H01M 2/1077
 429/151
 2014/0240946 A1* 8/2014 Fukumasu B60L 11/1816
 361/811

JP 2015-050067 A 3/2015
 JP 2015-069695 A 4/2015
 JP 2015-069811 A 4/2015
 JP 2016-031895 A 3/2016
 JP 2016-031896 A 3/2016
 JP 2016-031897 A 3/2016
 JP 2016-031898 A 3/2016
 JP 2016-031899 A 3/2016
 JP 2016-031900 A 3/2016
 JP 2016-031901 A 3/2016
 JP 2016-031902 A 3/2016
 JP 2016-031903 A 3/2016
 JP 2016-048634 A 4/2016
 JP 2016-048635 A 4/2016
 JP 2016-051517 A 4/2016
 JP 2016-081599 A 5/2016
 JP 2016-091822 A 5/2016
 JP 2016-111009 A 6/2016
 JP 2016-115481 A 6/2016
 WO WO 2013/179796 A1 12/2013
 WO WO 2013/179797 A1 12/2013
 WO WO 2013/179798 A1 12/2013

* cited by examiner

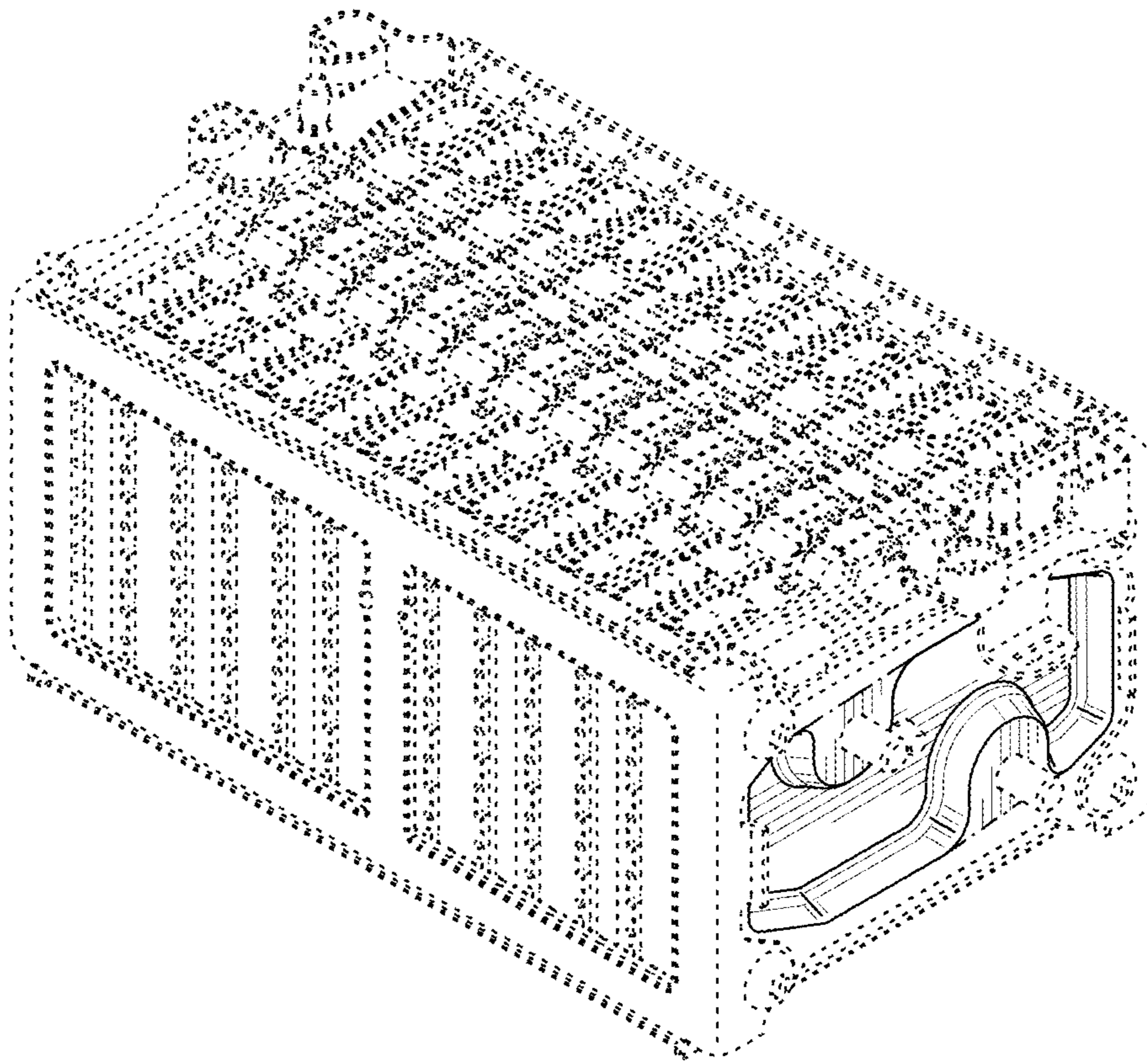


FIG. 1

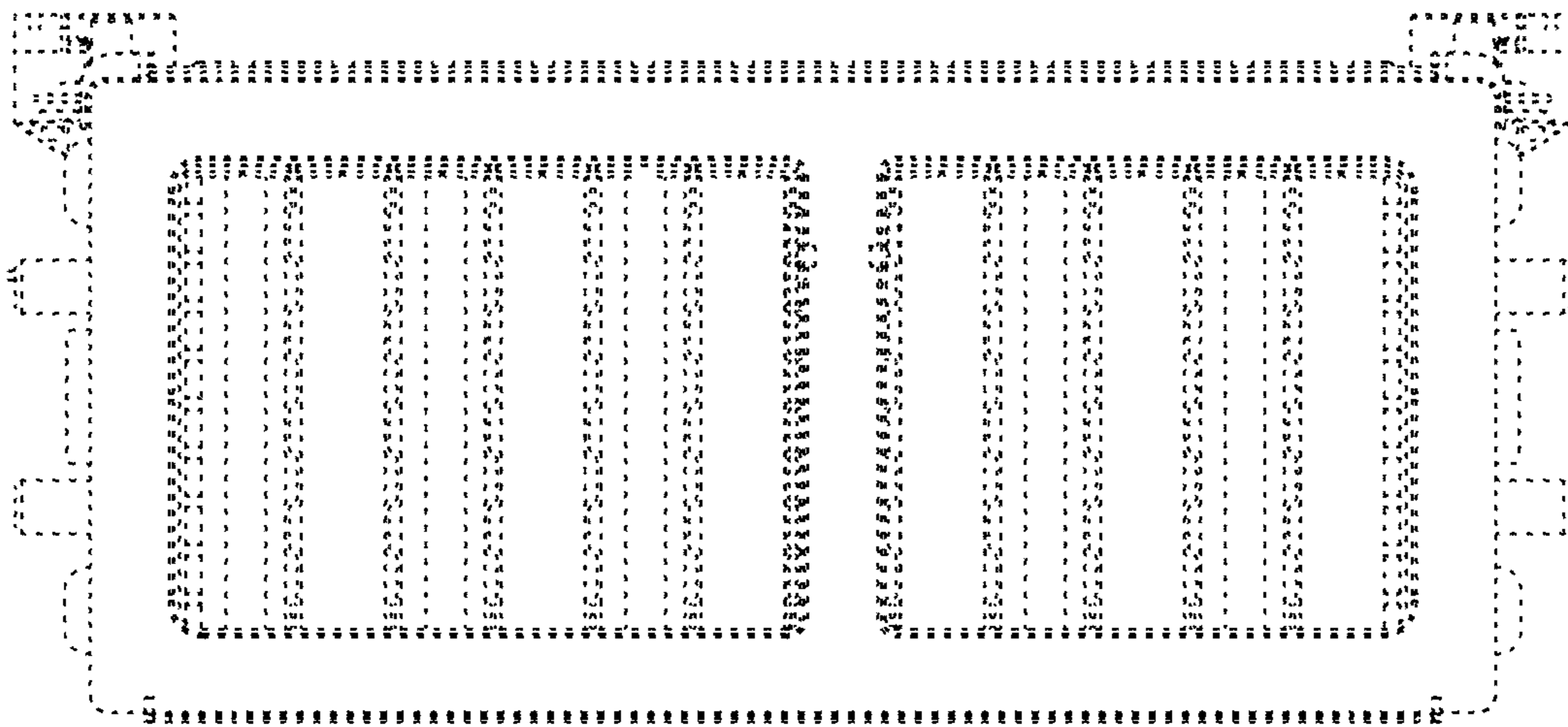


FIG. 2

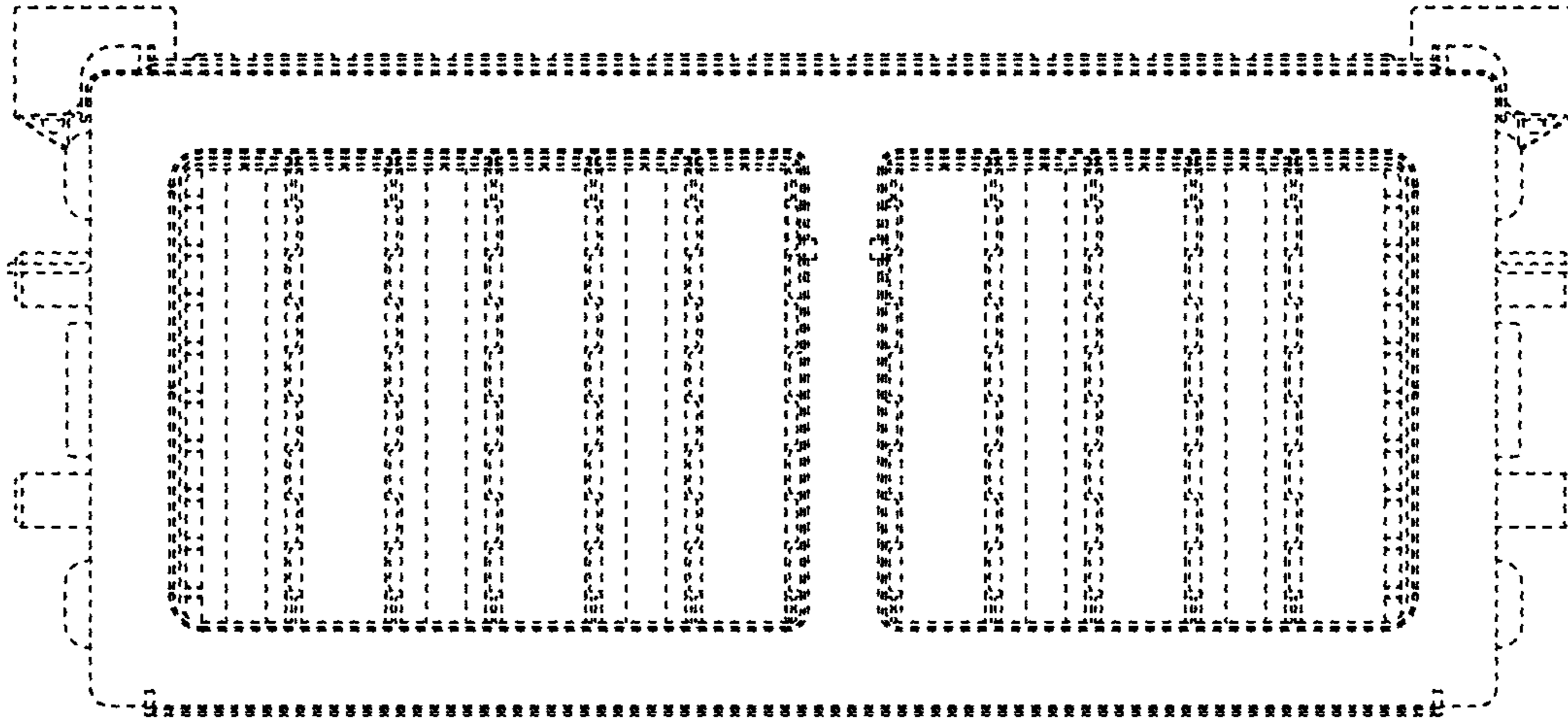


FIG. 3

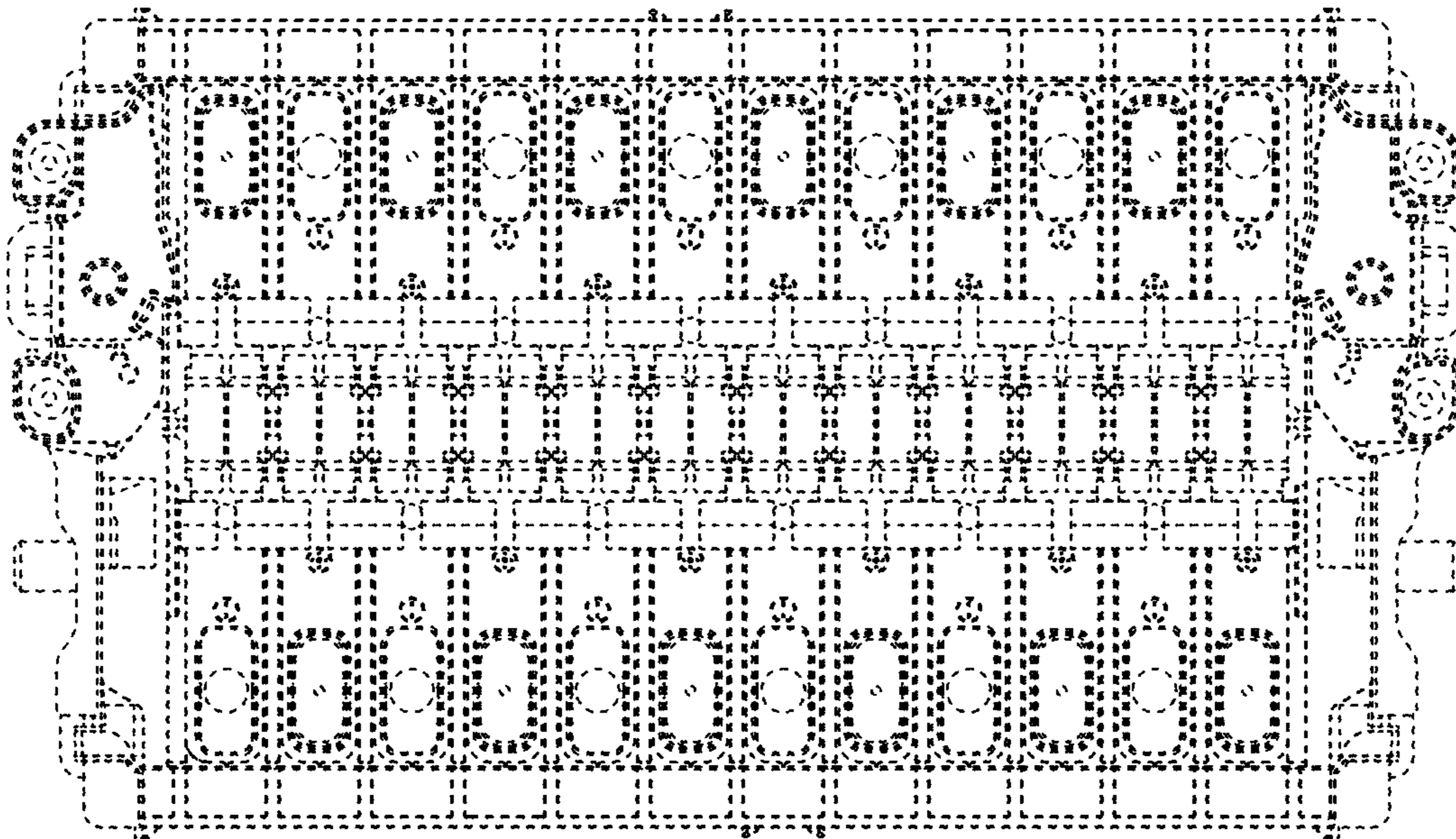


FIG. 4

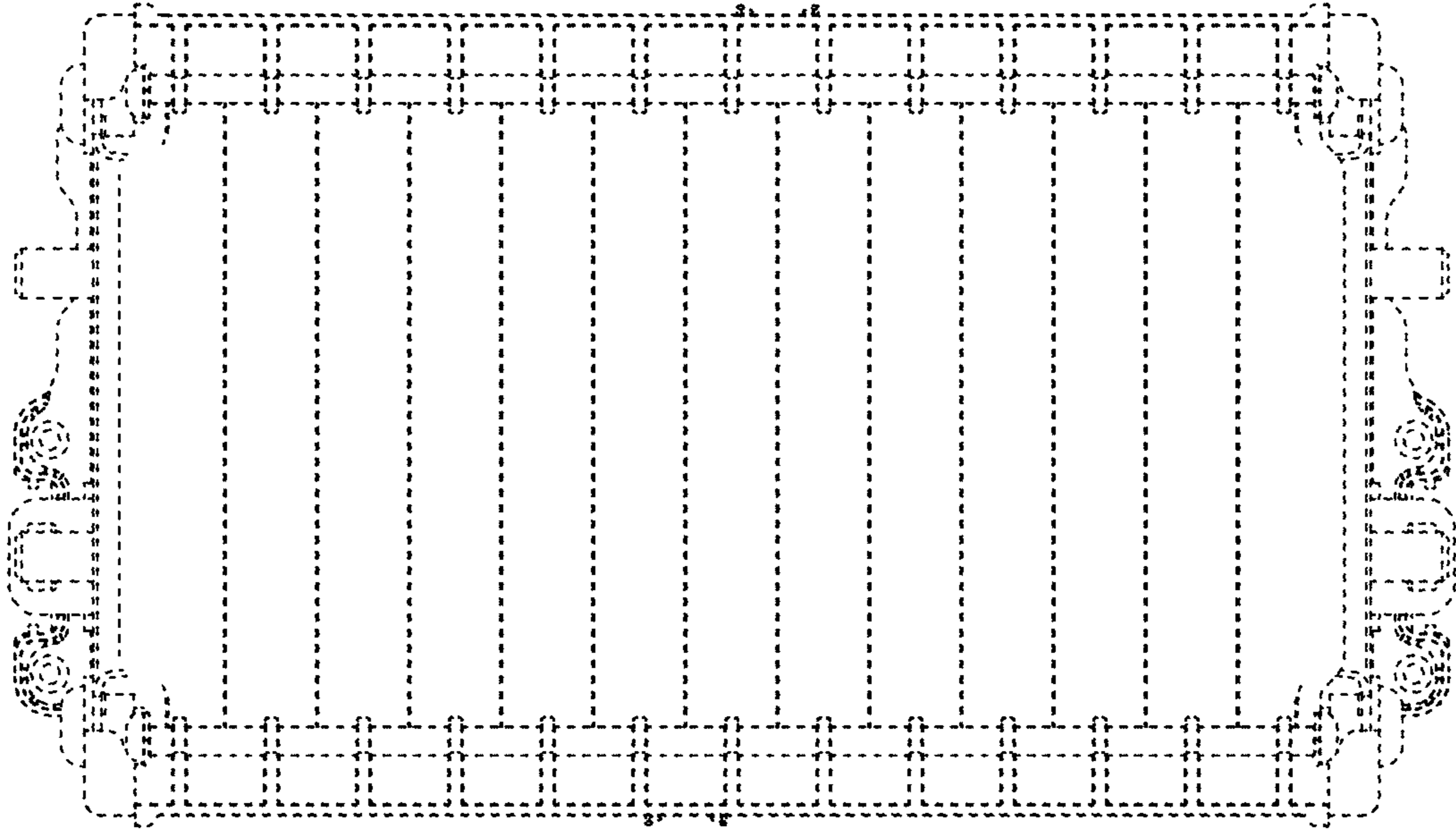


FIG. 5

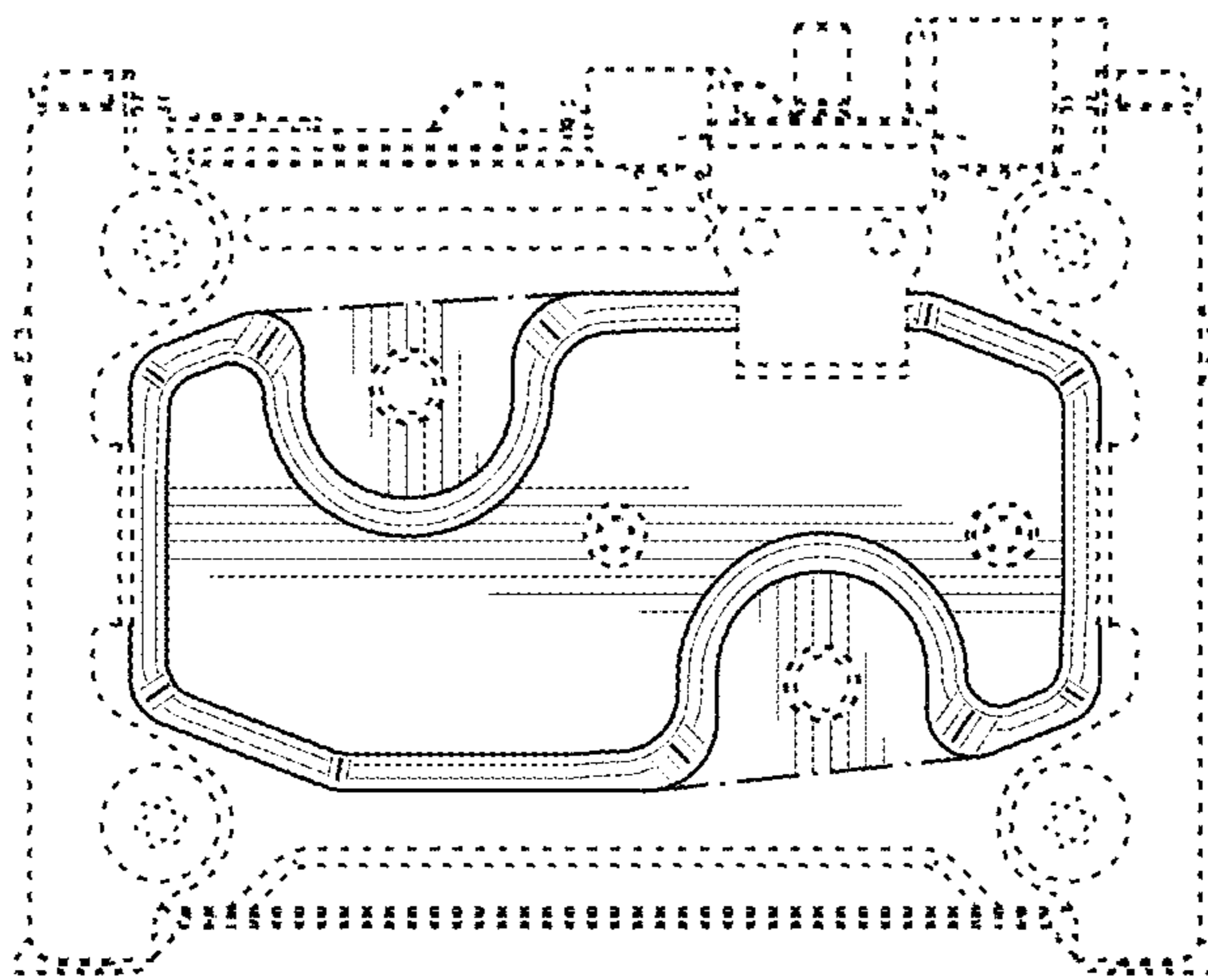


FIG. 6

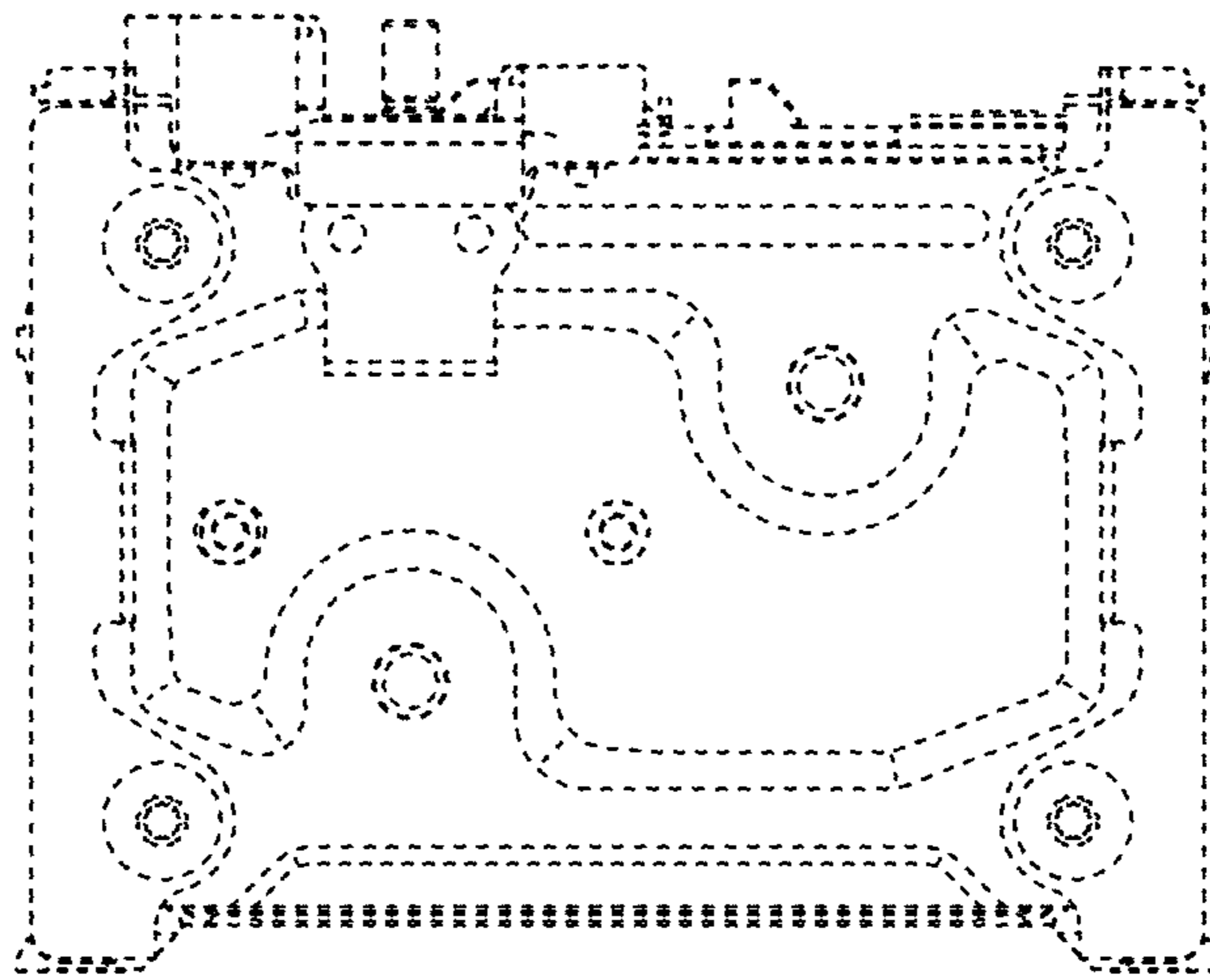


FIG. 7