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(12) **United States Design Patent** (10) **Patent No.:** **US D792,343 S**  
**Rowe et al.** (45) **Date of Patent:** **\*\* Jul. 18, 2017**

(54) **BATTERY PACK CARRIAGE ASSEMBLY**

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(71) Applicant: **TECHTRONIC INDUSTRIES CO. LTD.**, Tsuen Wan, New Territories (HK)

“IDX Increases Support for 7.2V 7.4V Battery Users.” Posted Oct. 27, 2015. Kit Plus. [http://www.kitplus.com/news/IDX\\_increases\\_support\\_for\\_7\\_2V\\_7\\_4V\\_Battery\\_Users/12762.html](http://www.kitplus.com/news/IDX_increases_support_for_7_2V_7_4V_Battery_Users/12762.html).

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(57) **CLAIM**

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

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

(21) Appl. No.: **29/561,263**

**DESCRIPTION**

(22) Filed: **Apr. 14, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/504,030, filed on Oct. 1, 2014, now Pat. No. Des. 764,402.

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

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

(58) **Field of Classification Search**  
USPC ..... 307/82, 109, 150, 151; 320/104, 107, 320/111, 112, 113, 115, 132, 134, 150;  
(Continued)

FIG. 1 is a rear perspective view of a fifth construction of a battery pack carriage assembly.

FIG. 2 is a front view of the battery pack carriage assembly of FIG. 1.

FIG. 3 is a rear view of the battery pack carriage assembly of FIG. 1.

FIG. 4 is a left side view of the battery pack carriage assembly of FIG. 1.

FIG. 5 is a right side view of the battery pack carriage assembly of FIG. 1.

FIG. 6 is a top view of the battery pack carriage assembly of FIG. 1; and,

FIG. 7 is a bottom view of the battery pack carriage assembly of FIG. 1.

The ornamental design which is claimed is shown in solid lines in the drawings. The portions of the design shown in broken lines are included for the purpose of illustrating environment and form no part of the claimed design.

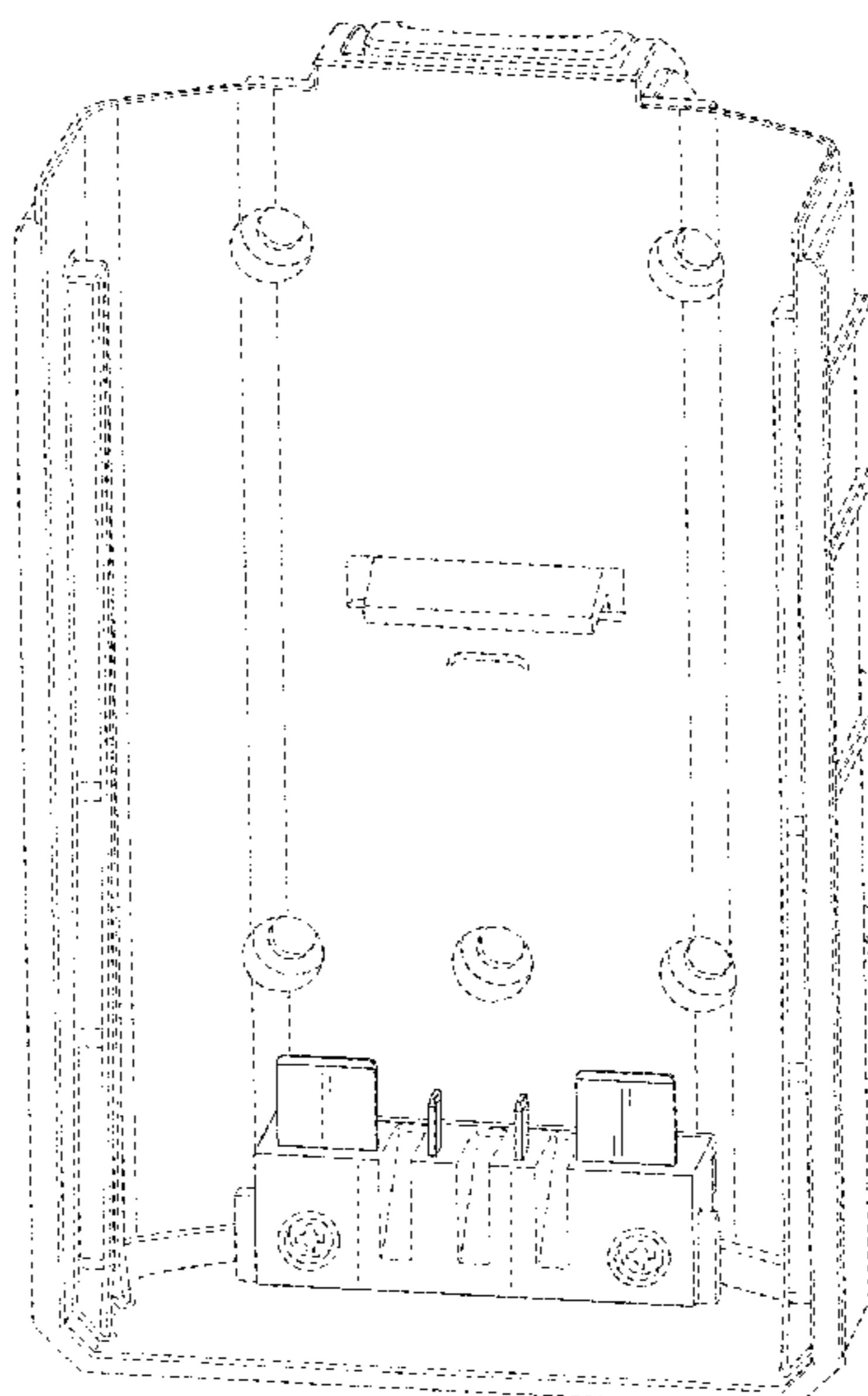
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**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**

USPC ..... 361/600, 601, 623; 429/163, 170, 176;  
 D13/103, 104, 105, 106, 107, 108, 119,  
 D13/184, 199; D14/188, 240, 435;  
 D15/9, 14, 15, 31, 81, 90, 123, 135, 136;  
 D16/237; D23/202, 211.1, 212, 260, 267,  
 D23/333, 356, 357, 361, 385; D32/37,  
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 CPC ..... B60L 11/18; G01R 31/36; H01M 10/04;  
 H01M 10/05; H01M 10/42; H01M 10/46;  
 H01M 2/02; H01M 2/10; H01M 2/16;  
 H01M 4/36; H01M 4/62; H01M 4/66;  
 H02J 7/00; H02J 7/02; H02J 7/04

See application file for complete search history.

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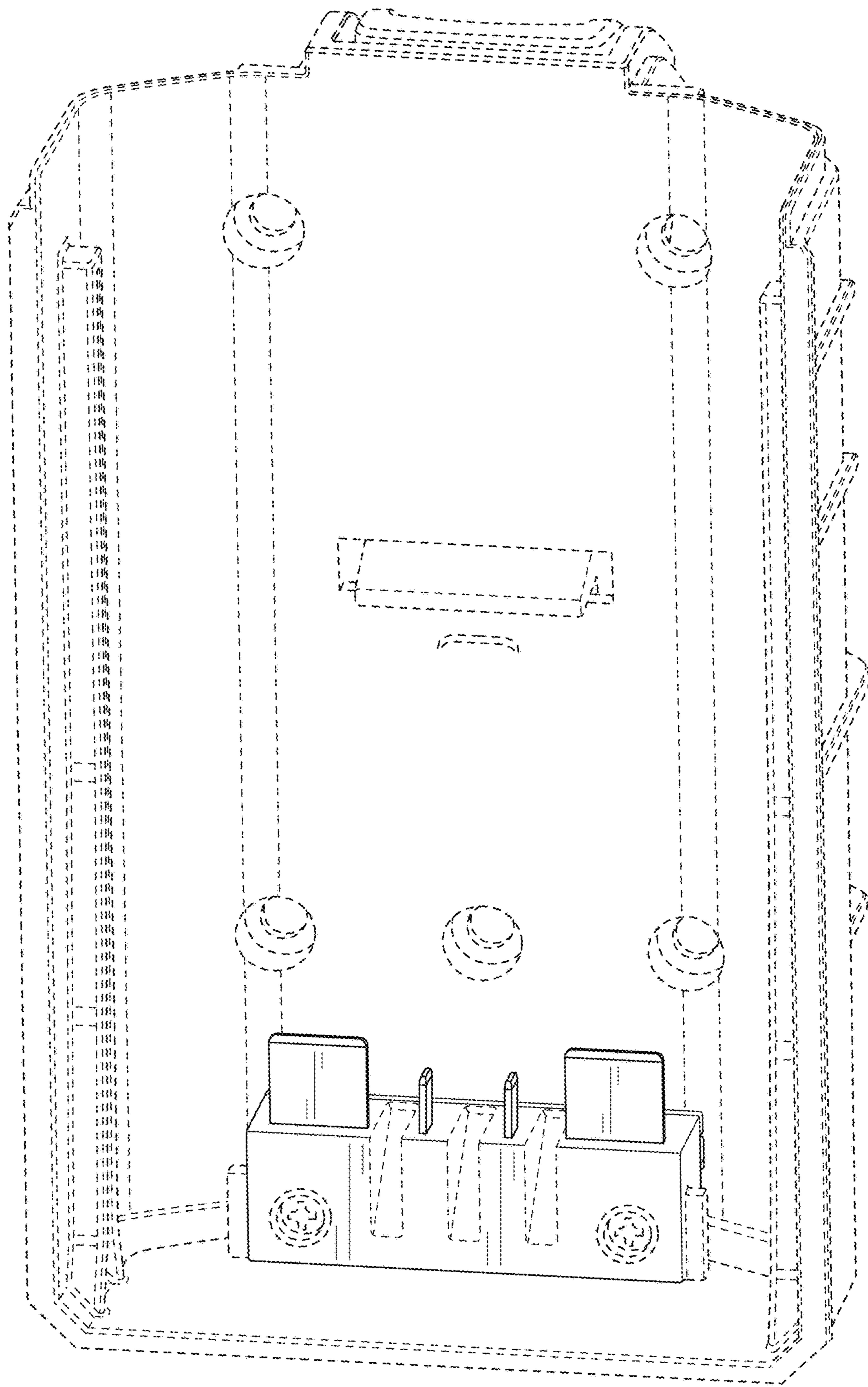


FIG. 1

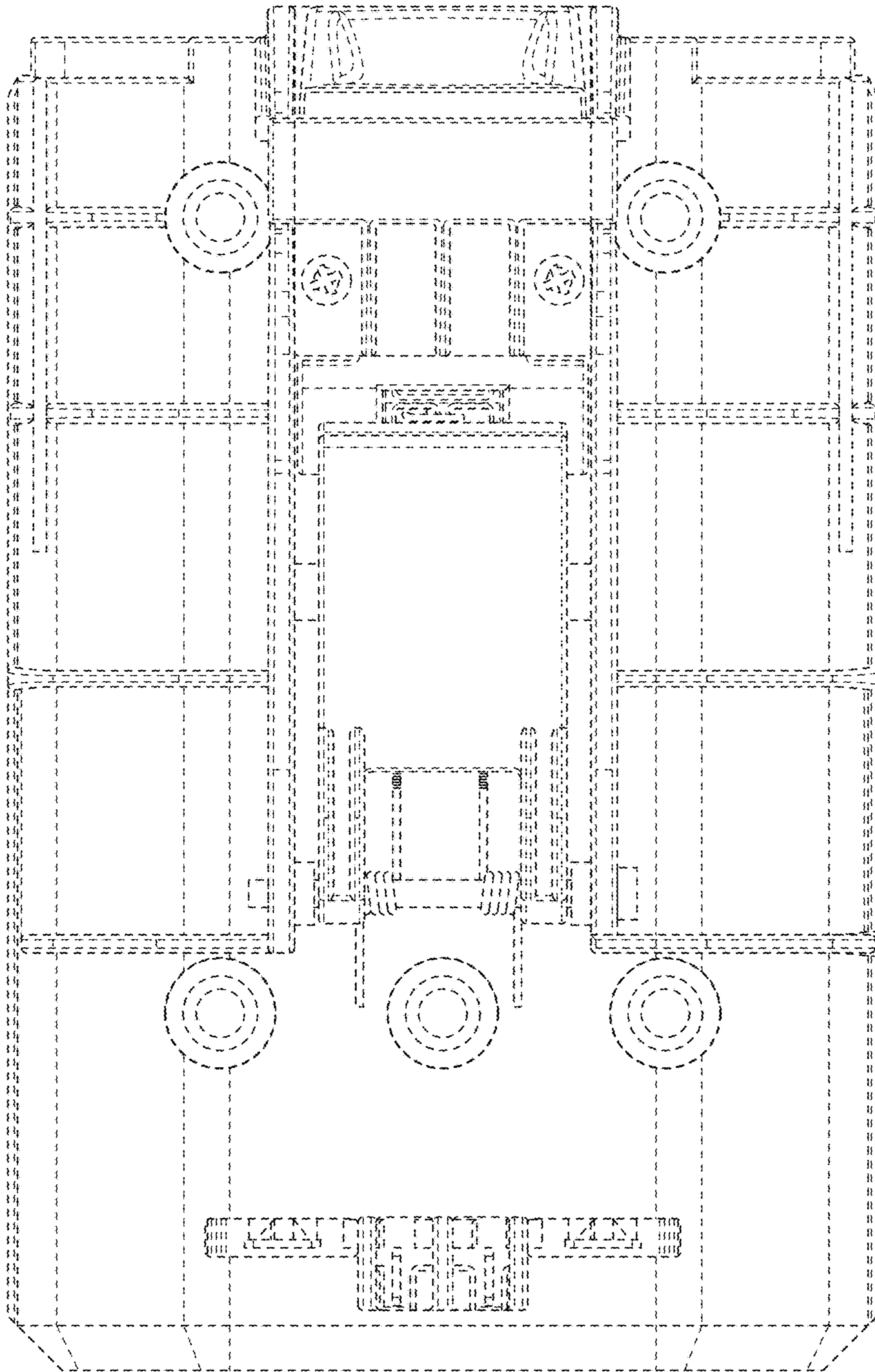


FIG. 2

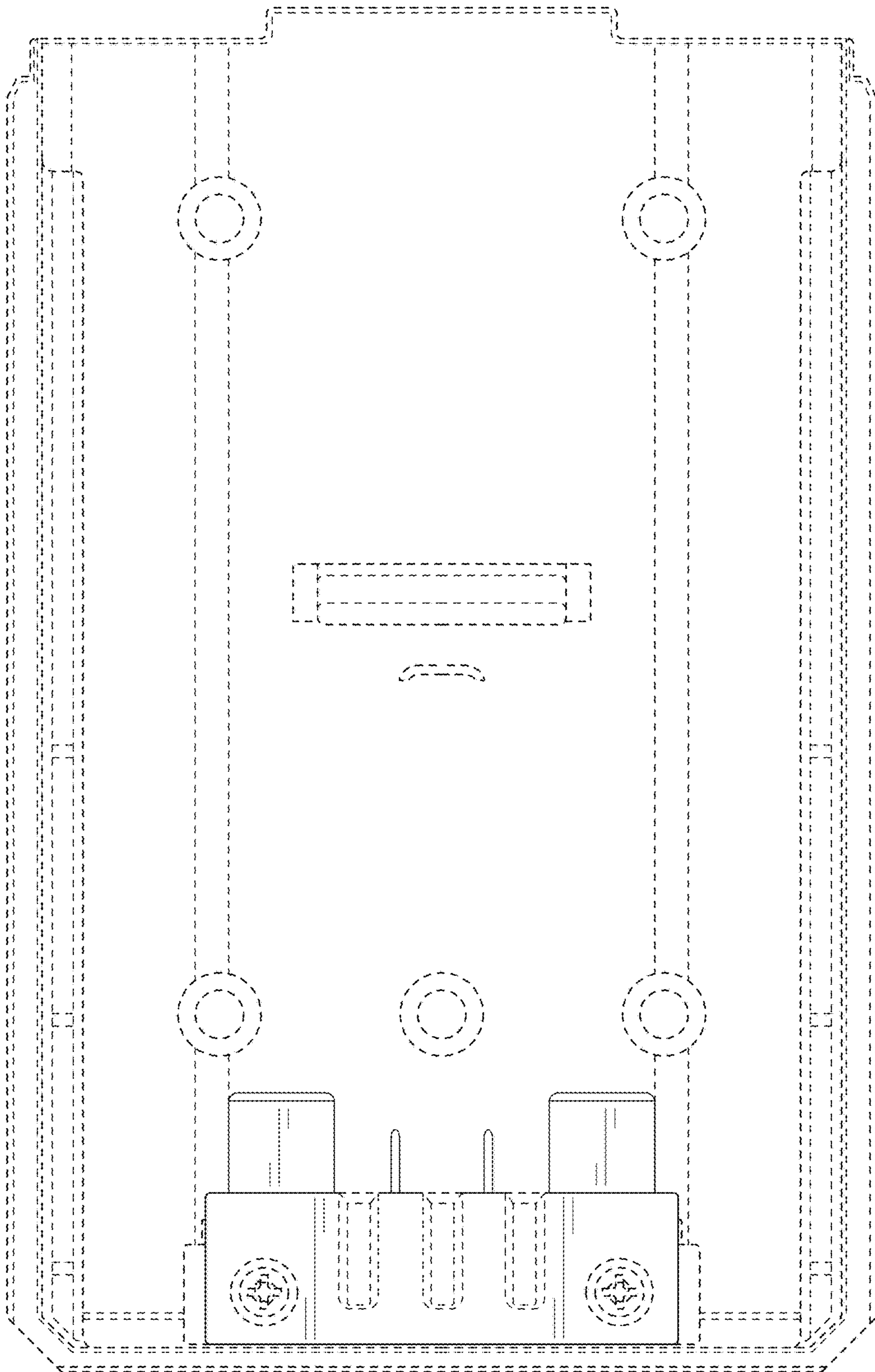


FIG. 3

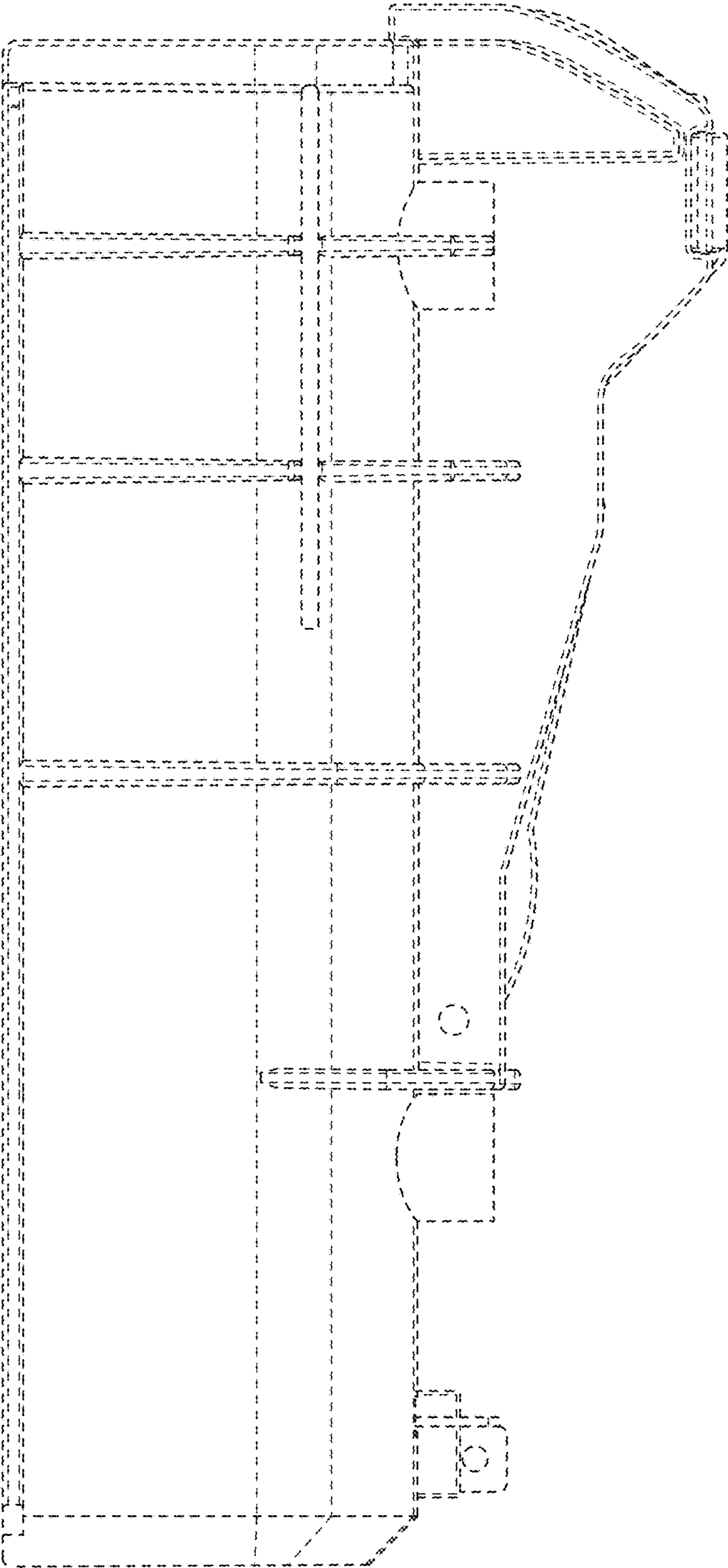


FIG. 4

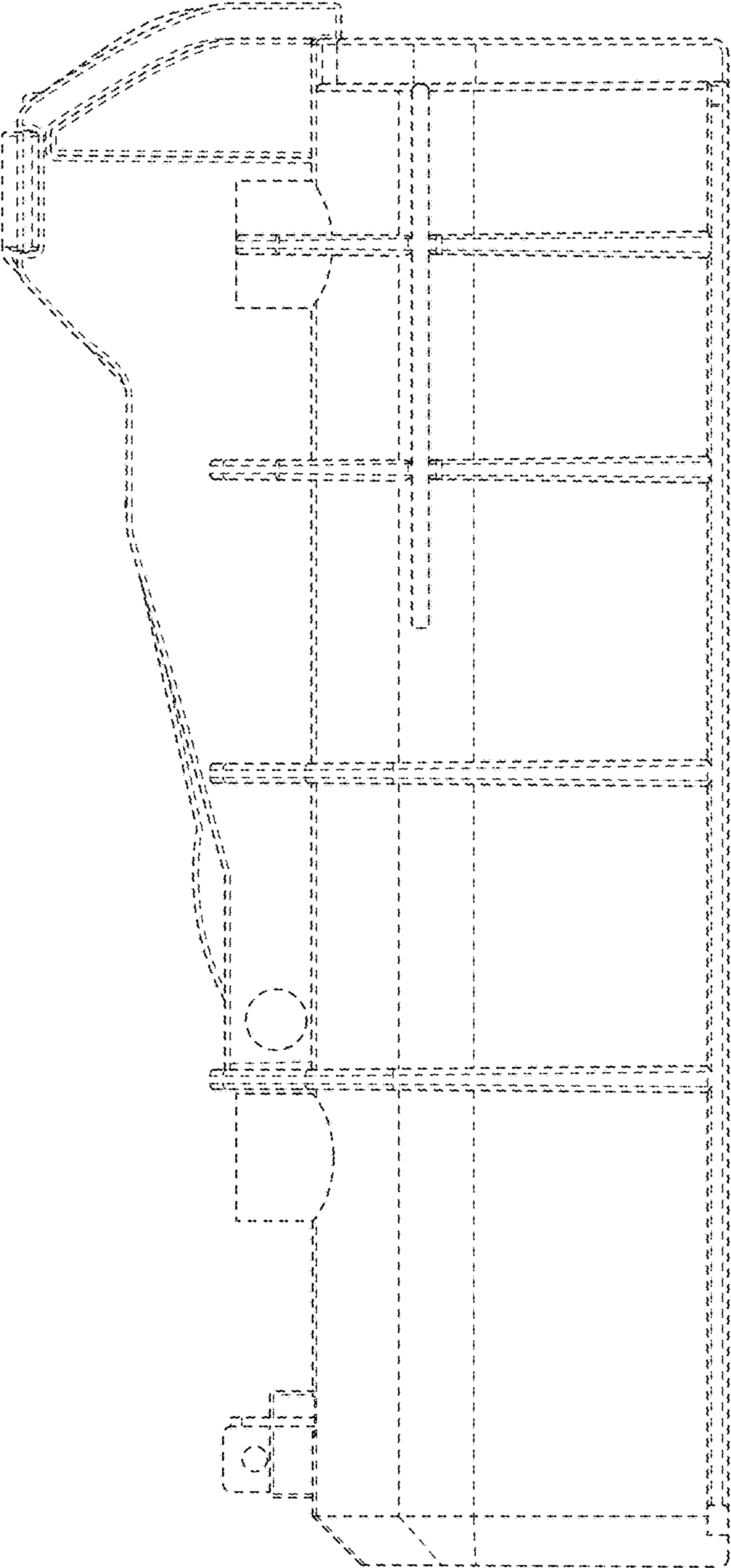


FIG. 5

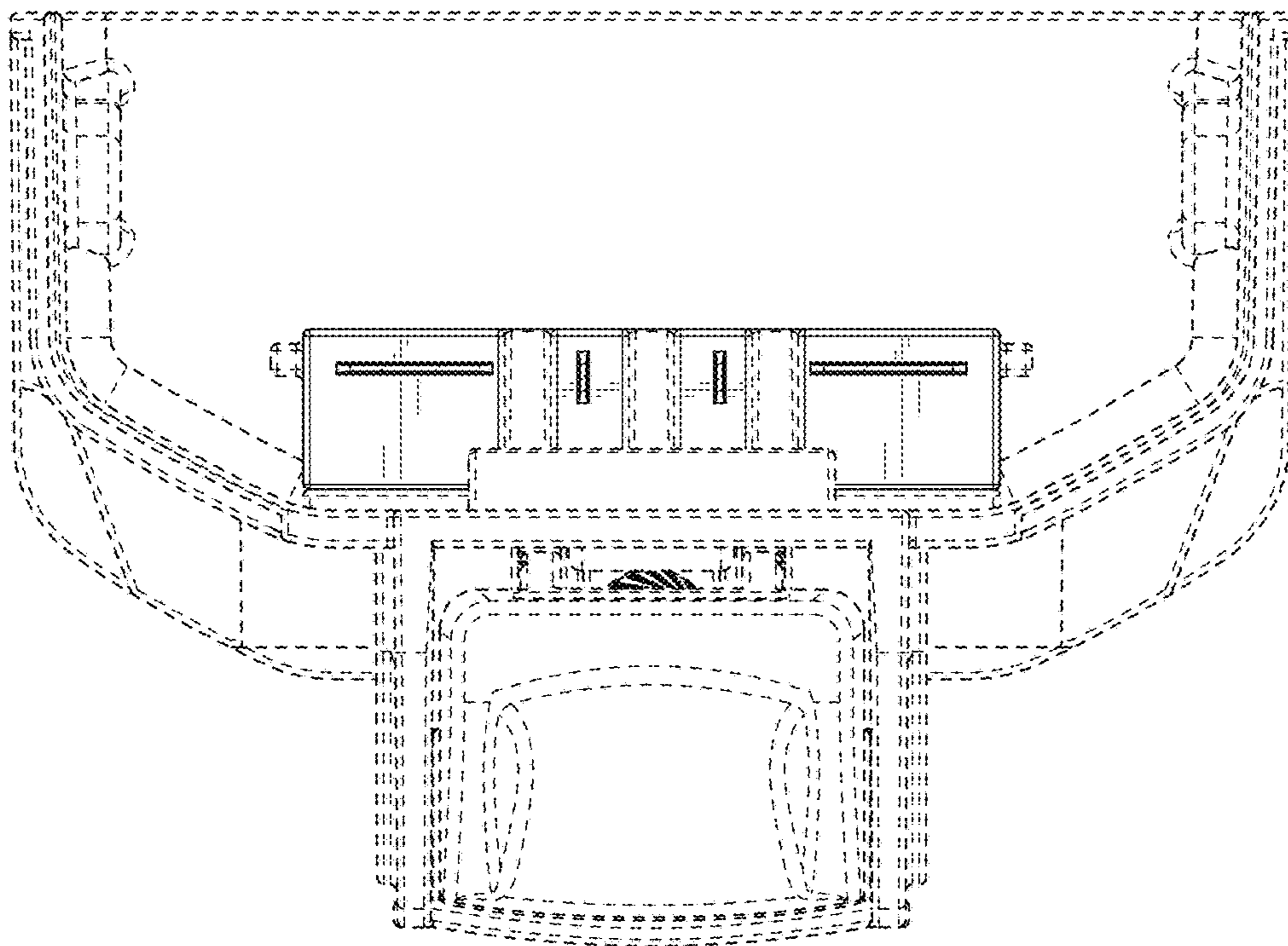


FIG. 6



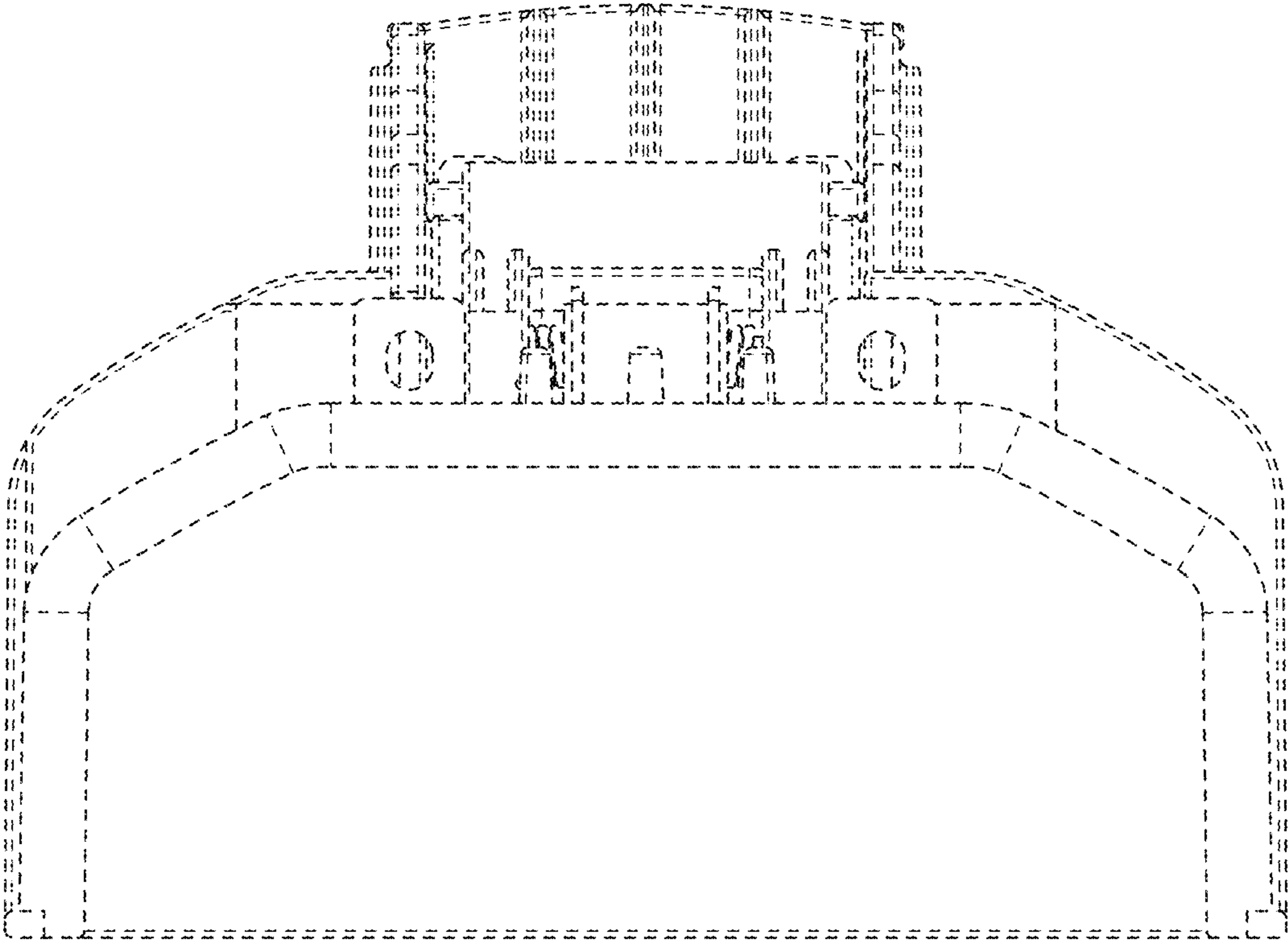


FIG. 7