



US00D794576S

(12) **United States Design Patent** (10) **Patent No.:** **US D794,576 S**  
**Hall** (45) **Date of Patent:** **\*\* Aug. 15, 2017**

(54) **SOLID STATE RELAY**  
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(73) Assignee: **Lamar Technologies, LLC,** Marysville,  
WA (US)

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

(21) Appl. No.: **29/554,903**

(22) Filed: **Feb. 16, 2016**

(51) **LOC (10) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/159**

(58) **Field of Classification Search**  
USPC ..... D13/100, 101, 103, 110, 118, 123-126,  
D13/152, 154, 156, 158, 159, 160, 173,  
D13/184, 199; D15/5  
CPC ..... H03K 17/00; H03K 17/13; H03K 17/68;  
H03K 17/78; H02H 7/08; H02H 3/093;  
H02H 3/00; H01H 47/00; H01H 9/00;  
H01H 9/02; H01H 50/00; H01H 50/02;  
H01H 50/54; H01H 51/06; H01H 51/22;  
H01H 67/02; H01H 57/00; B60L 1/00;  
H01R 12/00; H01R 13/00; H01R 13/66;  
H01R 13/70; H01R 25/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D203,993 S *	3/1966	Late et al.	.....	D13/124
D305,531 S *	1/1990	Suzuki	.....	D13/126
D330,007 S *	10/1992	Francis	.....	D13/126
D332,942 S *	2/1993	Julien	.....	D12/163
D341,353 S *	11/1993	O	.....	D13/152
D432,987 S *	10/2000	Seo	.....	D13/123
D446,183 S *	8/2001	Miyashita	.....	D13/103

D511,749 S *	11/2005	Macuch	.....	D13/158
D646,632 S *	10/2011	Hogen	.....	D13/110
D656,903 S *	4/2012	Suzuki	.....	D13/159
D657,748 S *	4/2012	Hargreaves	.....	D13/156
D697,033 S *	1/2014	Hashimoto	.....	D13/159
D778,833 S *	2/2017	Li	.....	D13/110
2014/0301003 A1 *	10/2014	Jankowski	.....	H01L 31/02021 361/57
2015/0372430 A1 *	12/2015	Foster	.....	H03K 17/78 307/117

**OTHER PUBLICATIONS**

Lamar Technologies LLC, dated Dec. 7, 2014, [online], [site visited Mar. 29, 2017]. Available from Internet, <URL: <http://www.qualityaircraftaccessories.com/manufacturers-brands/lamar-technologies-llc>>.\*

\* cited by examiner

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(57) **CLAIM**

I claim the ornamental design for a solid state relay, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a solid state relay, showing my new design;

FIG. 2 is a left side view thereof;

FIG. 3 is a right side view thereof;

FIG. 4 is a back view thereof;

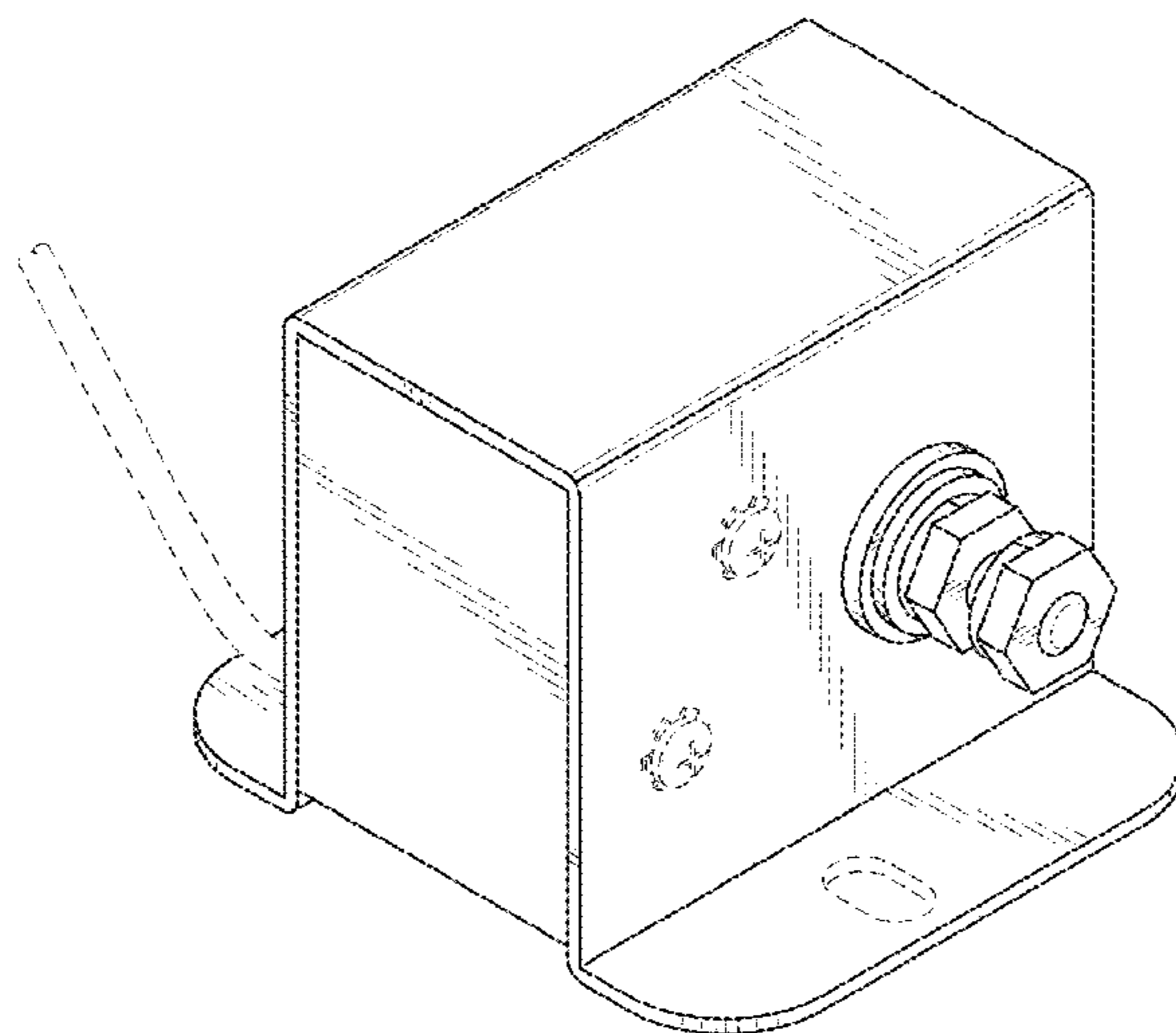
FIG. 5 is a front view thereof;

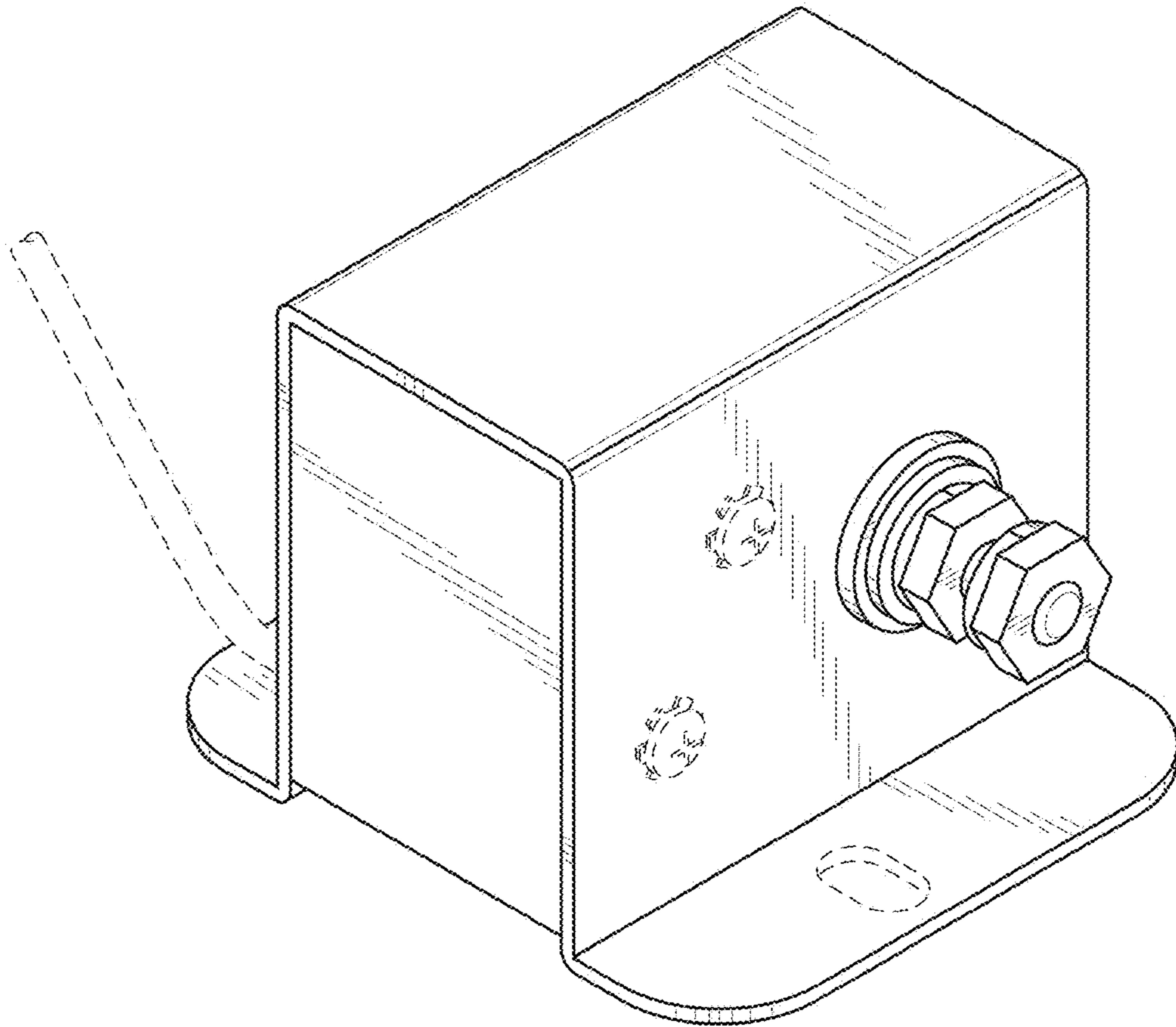
FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

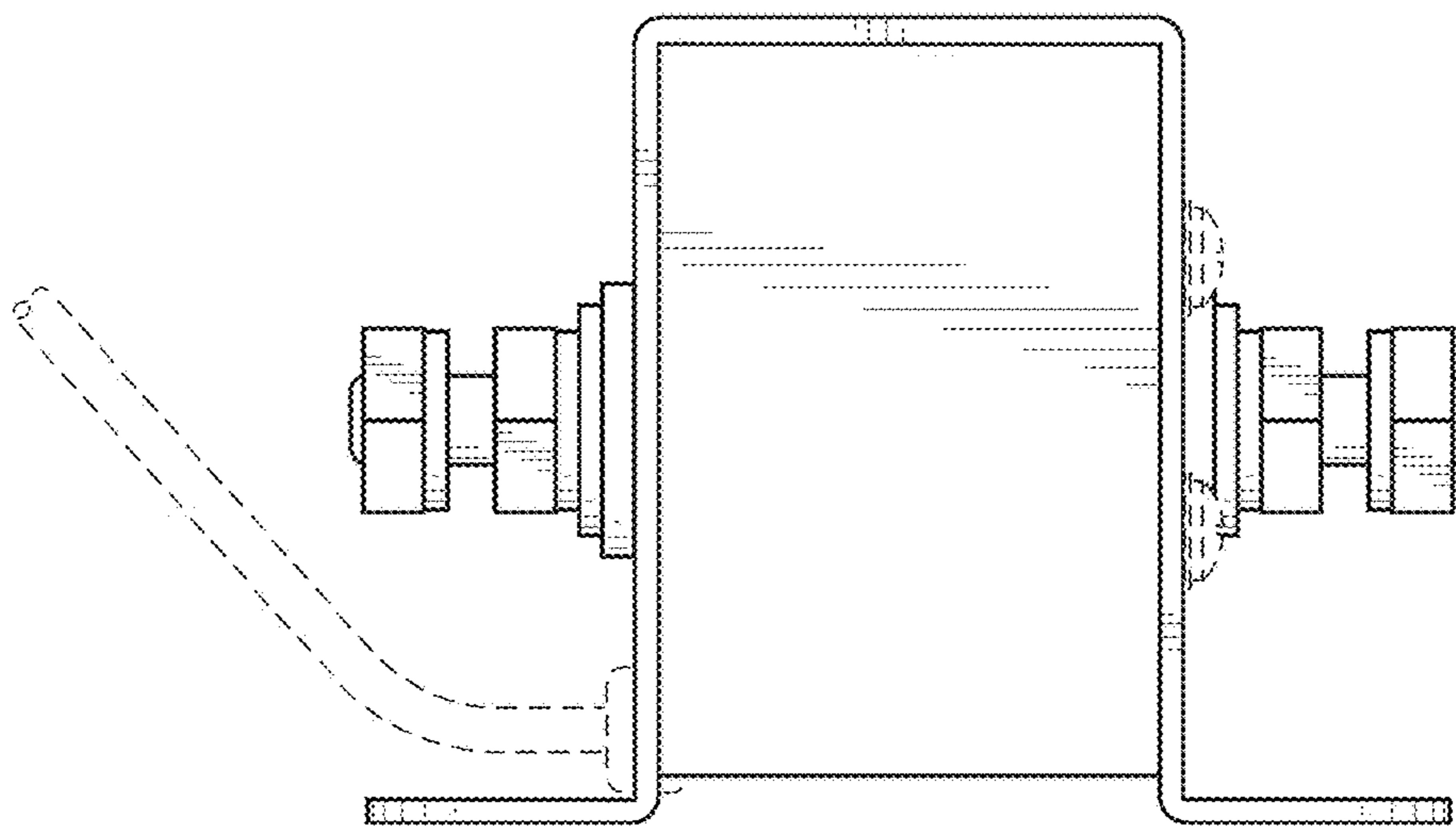
The broken lines are included for illustrating environmental structure and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**

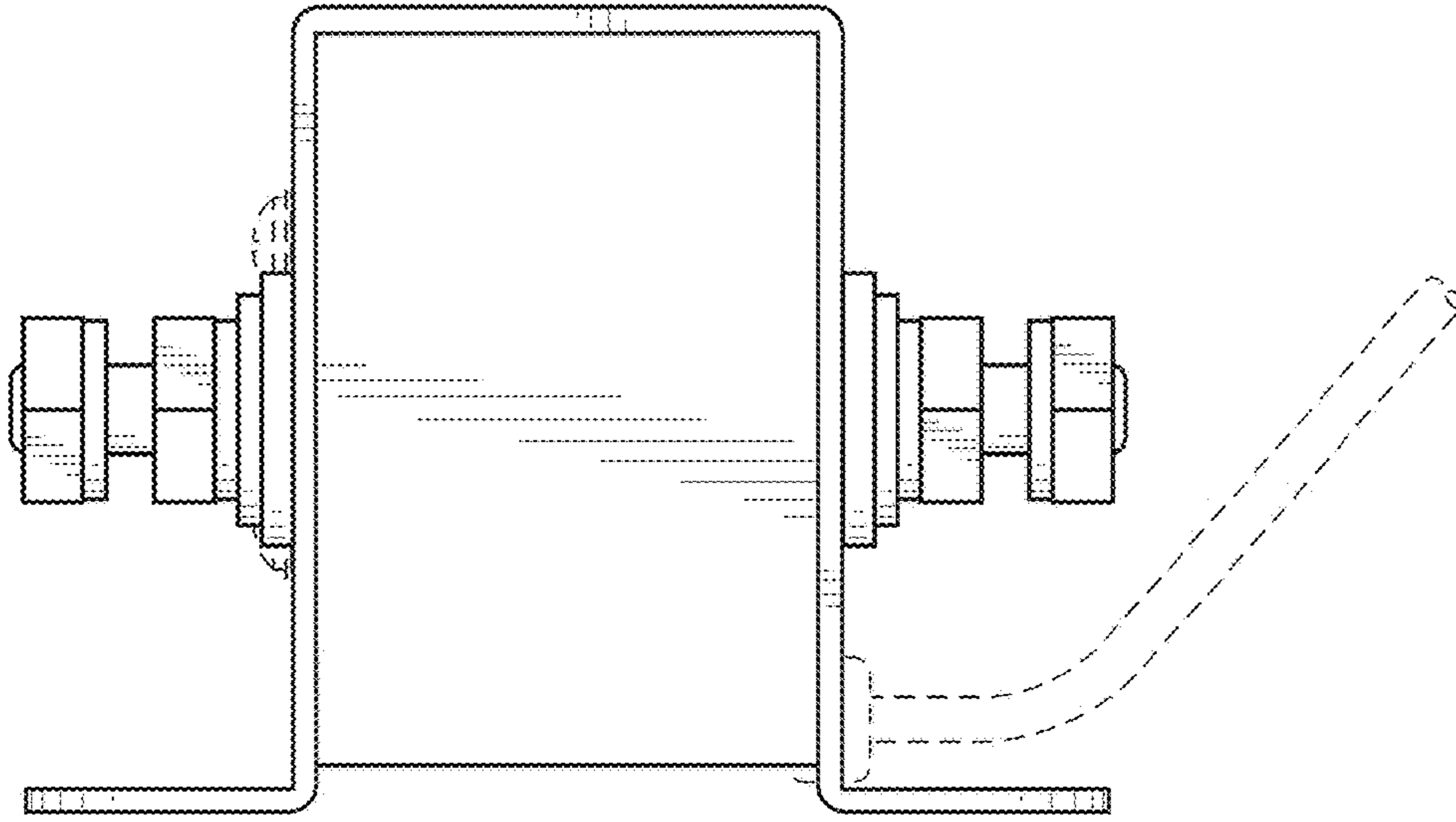




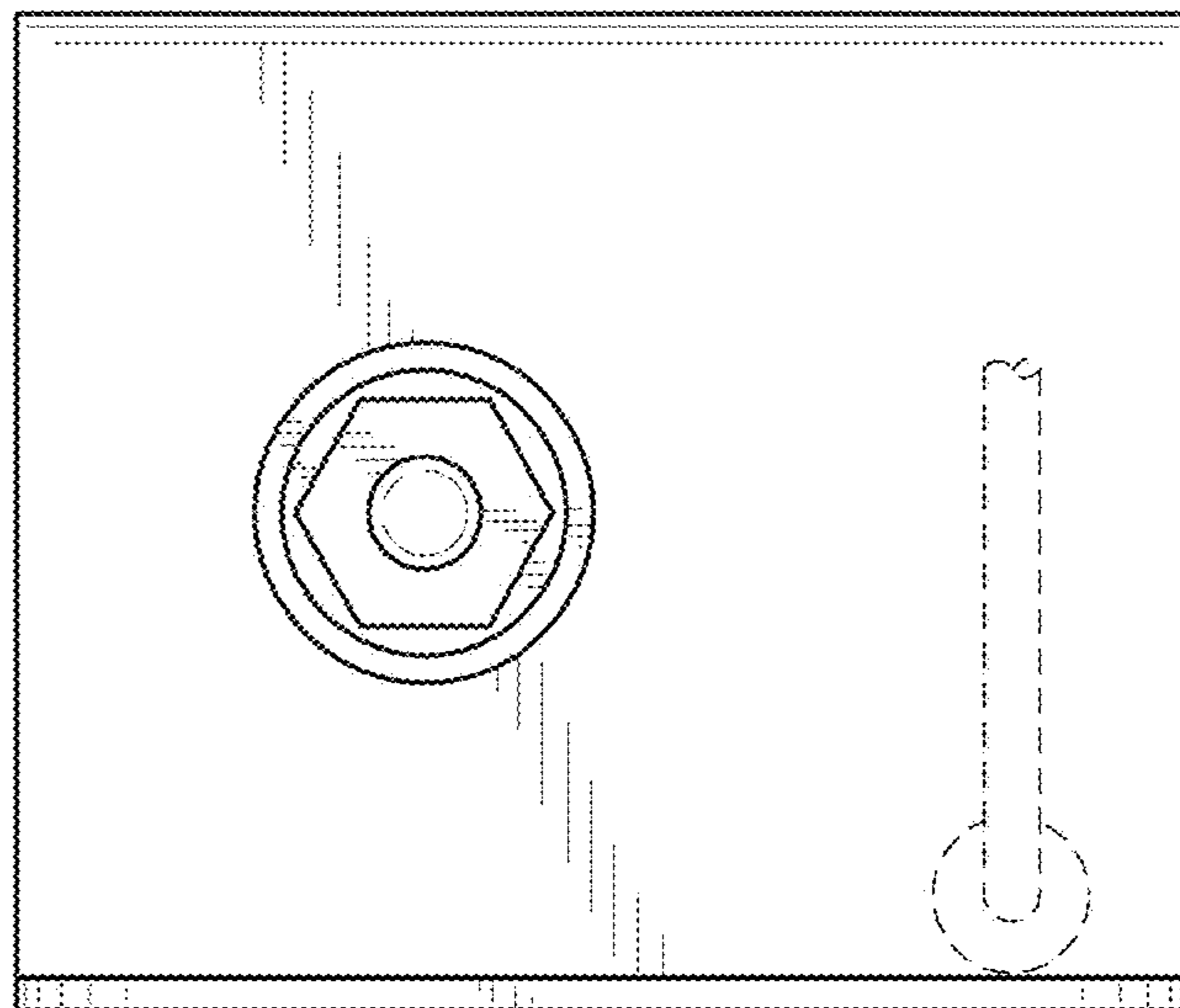
**FIG. 1**



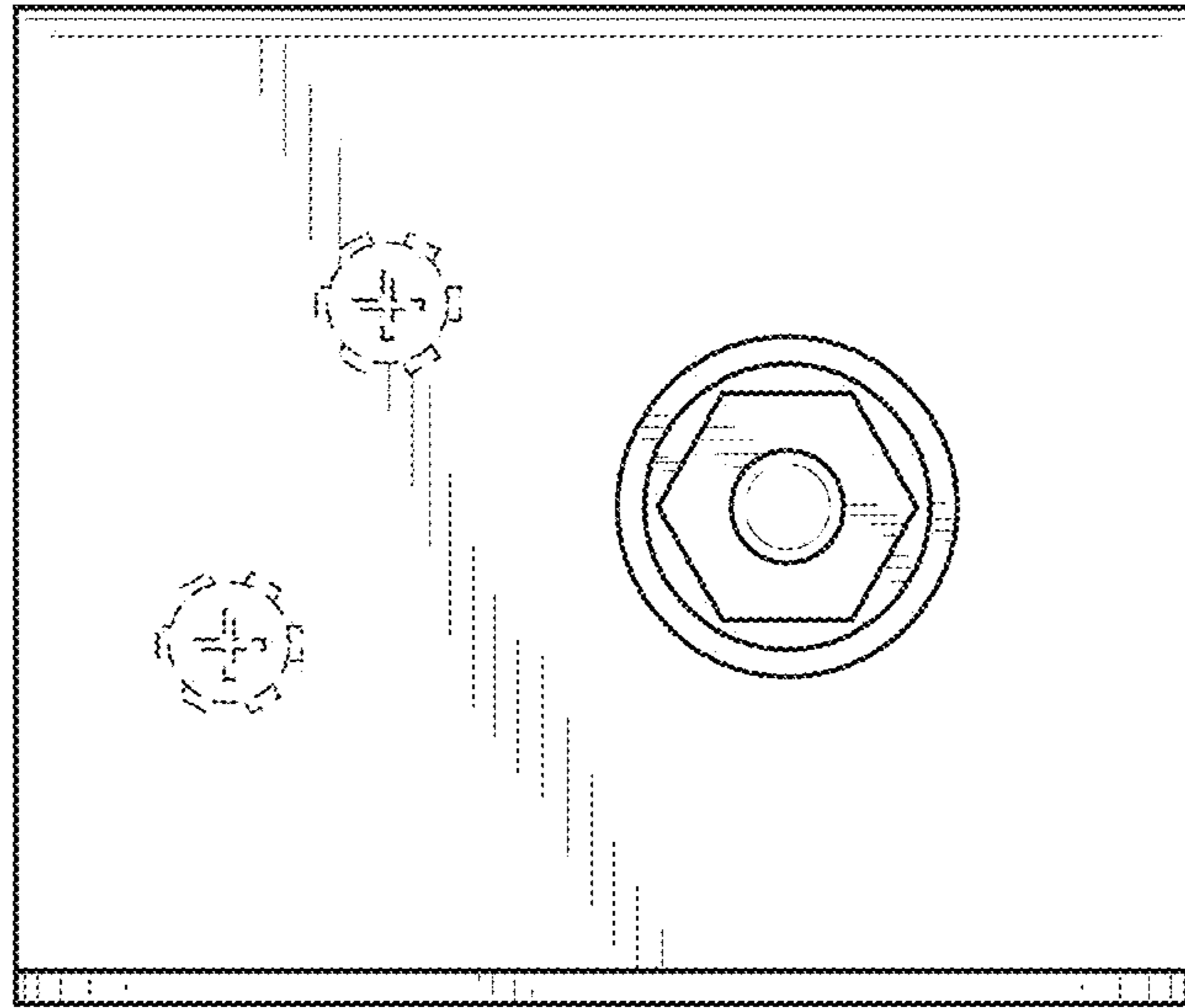
**FIG. 2**



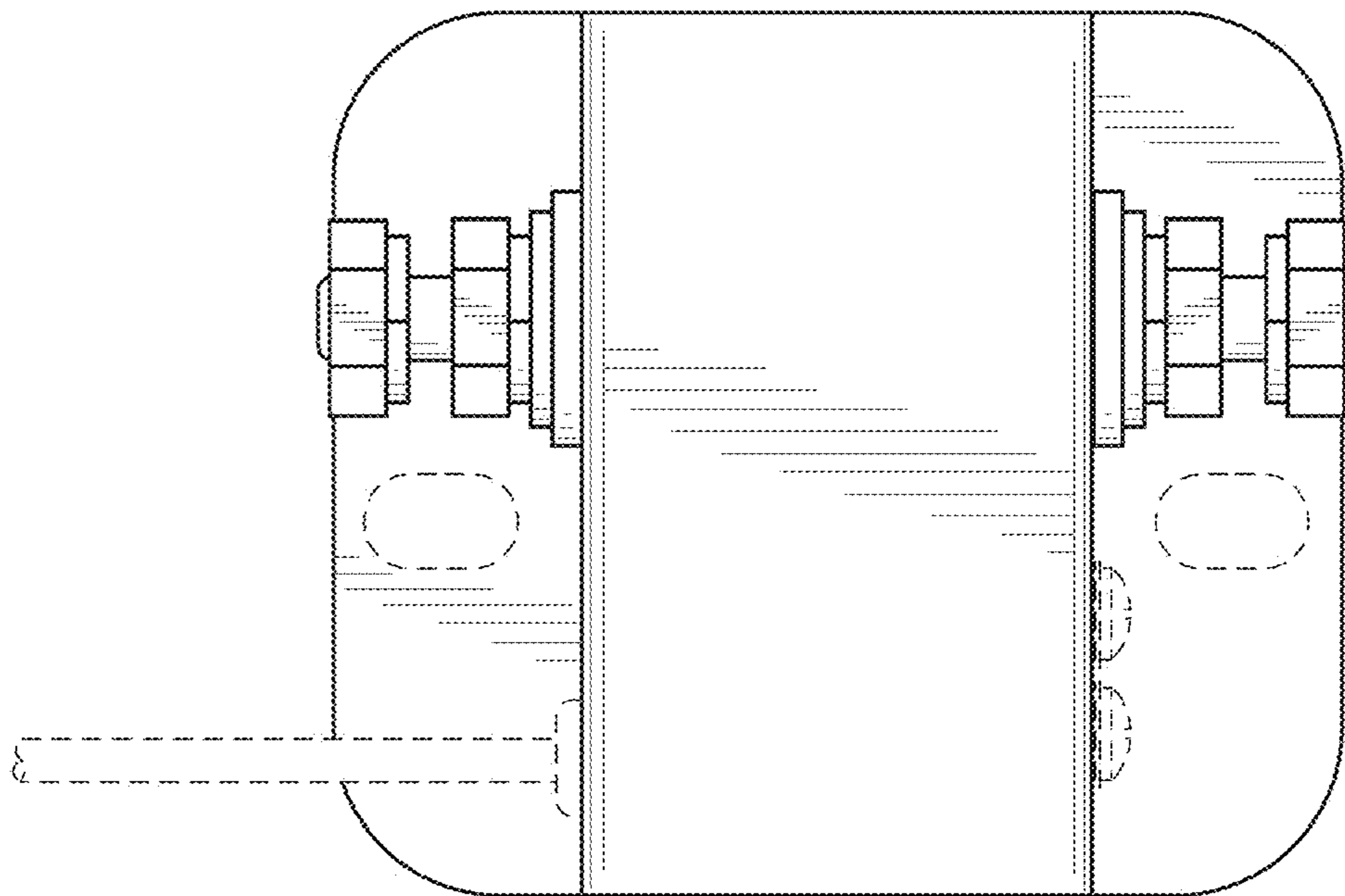
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

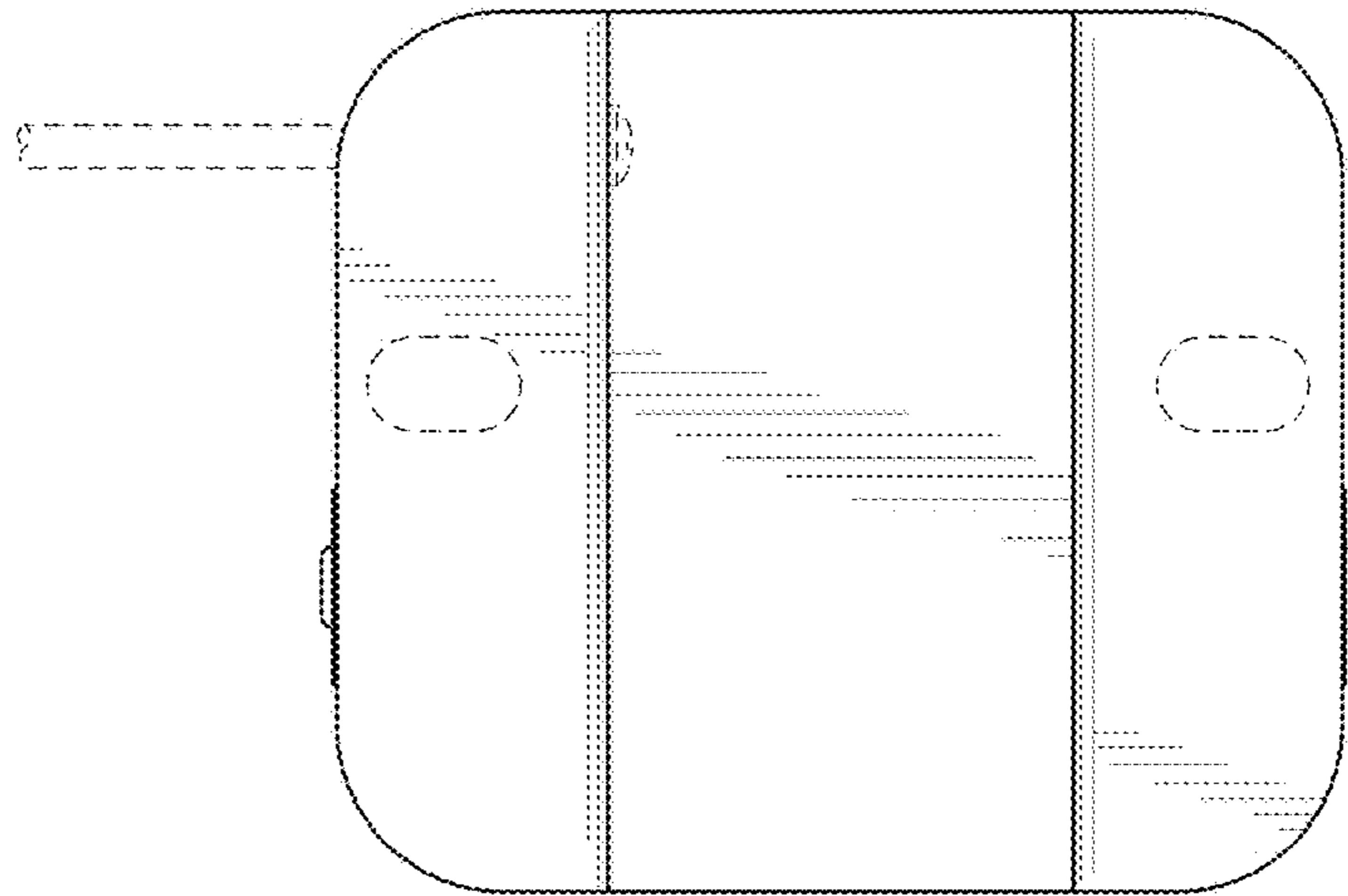


FIG. 7