



US00D515505S

(12) **United States Design Patent**
Lin

(10) **Patent No.:** **US D515,505 S**

(45) **Date of Patent:** **** Feb. 21, 2006**

(54) **GROUND FAULT CIRCUIT INTERRUPTER WITH ELECTRIC ARC PROTECTION**

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(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/209,347**

(22) **Filed:** **Jul. 15, 2004**

(30) **Foreign Application Priority Data**

Jan. 16, 2004 (CN) 2004300006823

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/139.6**

(58) **Field of Classification Search** .. D13/137.1-137.4,
D13/139.1-139.8; 174/50-51, 53-55, 58,
174/66-67

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D269,510 S * 6/1983 Doyle et al. D13/139.3
- 4,642,420 A * 2/1987 Nattel 174/53
- D413,862 S * 9/1999 Huang et al. D13/139.3

- D419,531 S * 1/2000 Keung et al. D13/160
- D430,539 S * 9/2000 Leopold et al. D13/139.3
- 6,184,466 B1 * 2/2001 Eder et al. 174/53
- D462,660 S * 9/2002 Huang et al. D13/139.3
- D462,661 S * 9/2002 Owens D13/139.6
- D470,108 S * 2/2003 Daoxian et al. D13/139.3
- D494,139 S * 8/2004 Allen, Jr. D13/139.3

* cited by examiner

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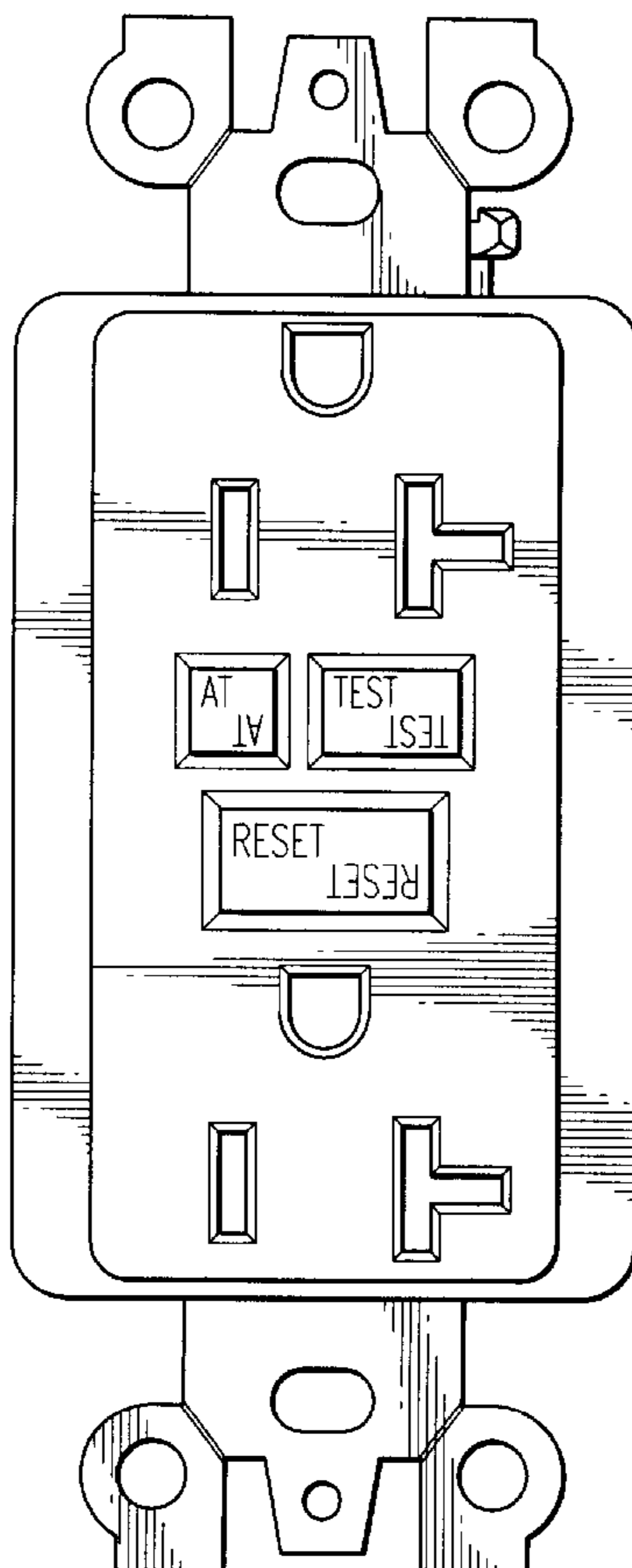
(57) **CLAIM**

The ornamental design for a ground fault circuit interrupter with electric arc protection, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a ground fault circuit interrupter with electric arc protection showing my new design;
 FIG. 2 is a right side elevational view thereof;
 FIG. 3 is a back side elevational view thereof;
 FIG. 4 is a left side elevational view thereof;
 FIG. 5 is a top plan view thereof; and,
 FIG. 6 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



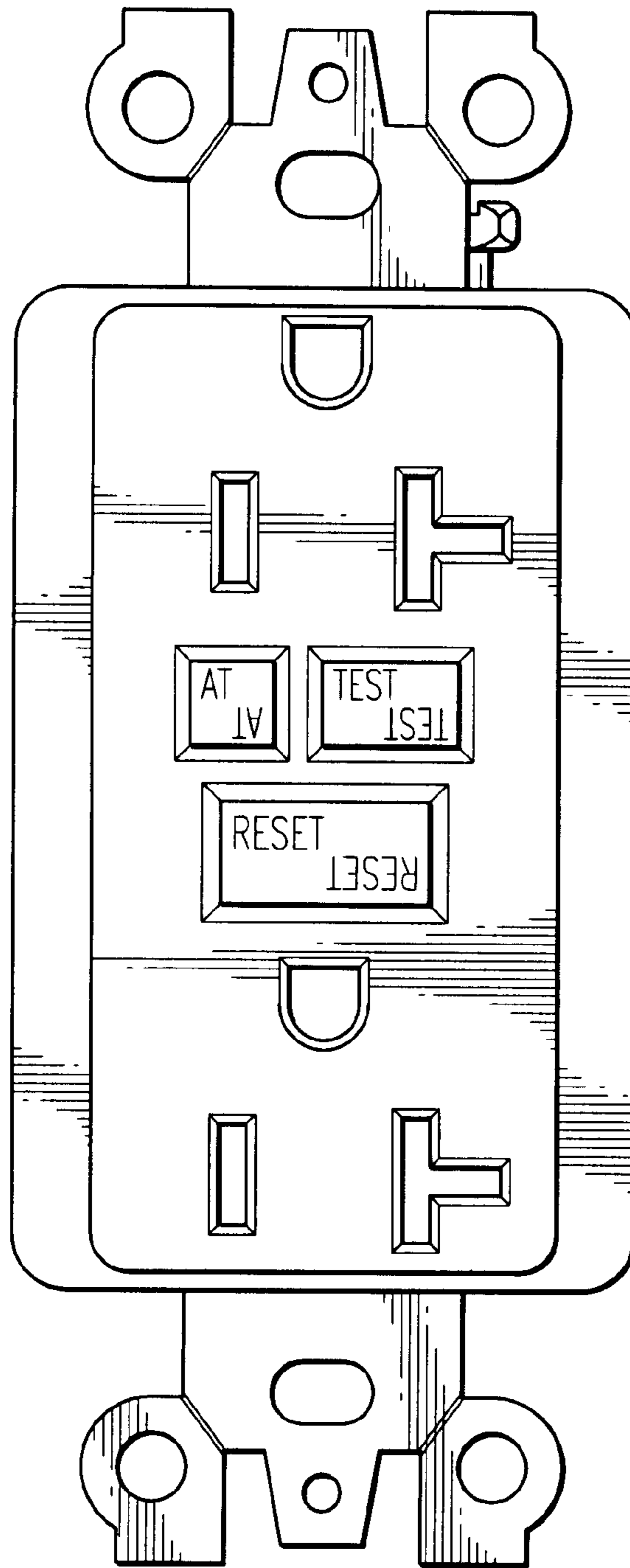


FIG. 1

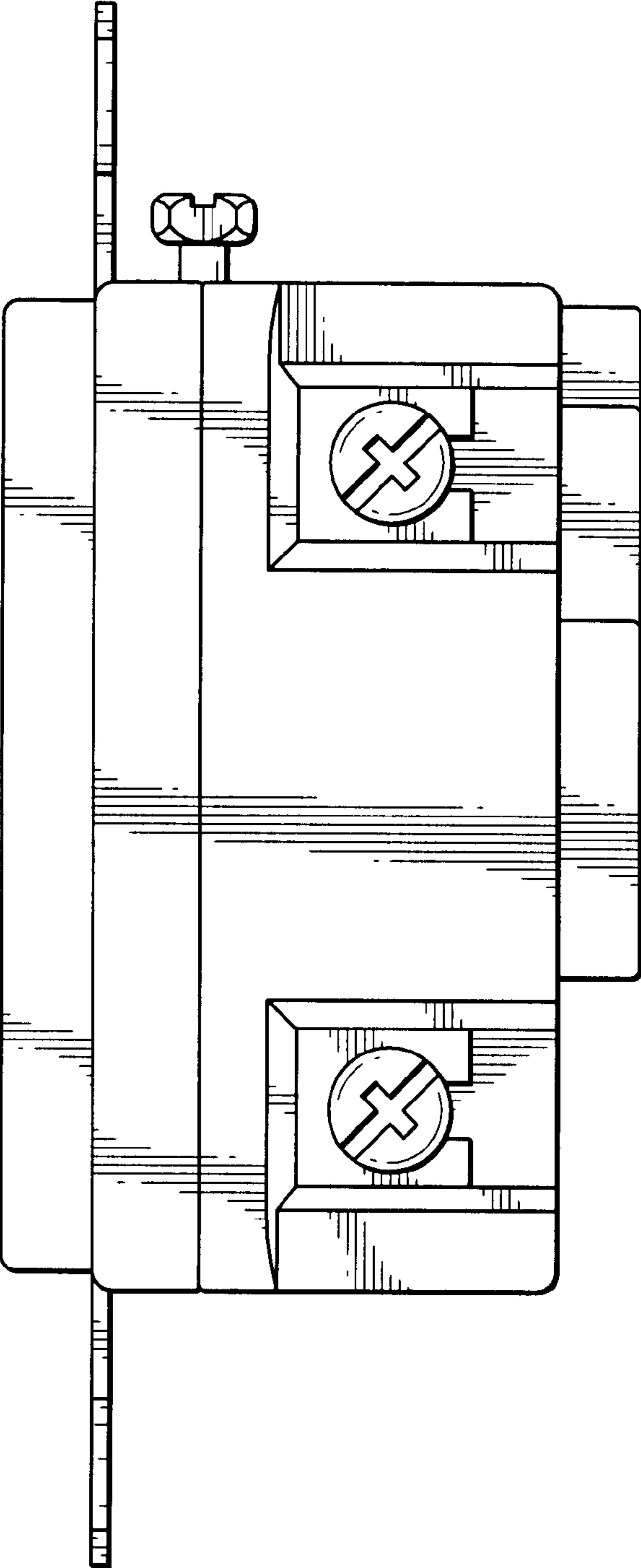


FIG.2

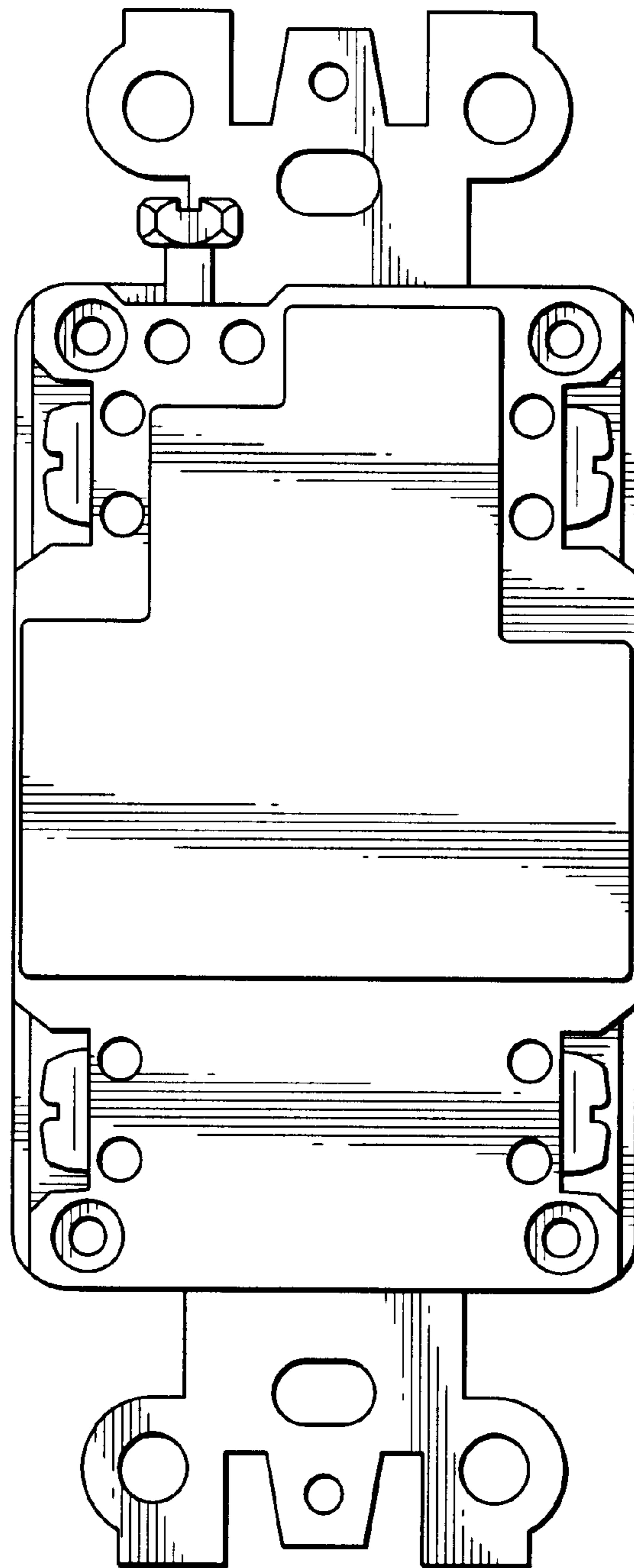


FIG.3

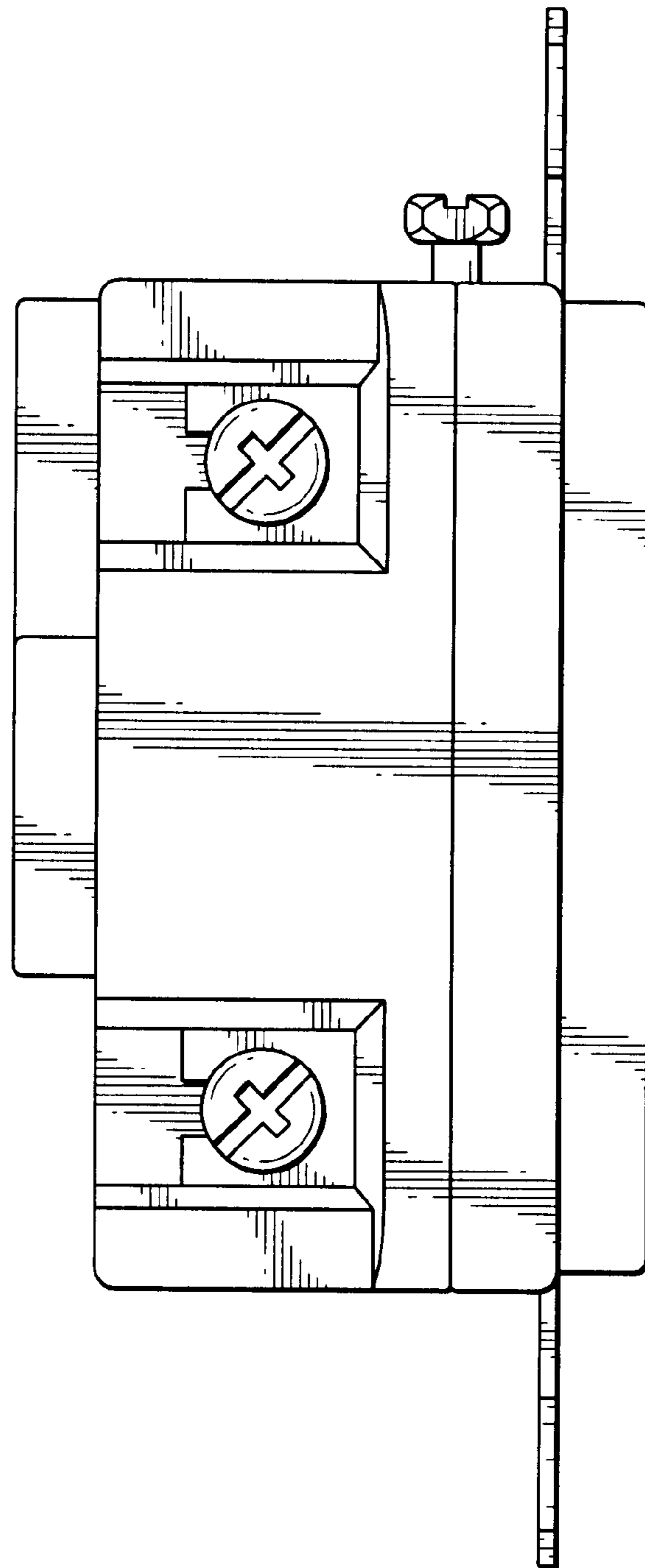


FIG.4

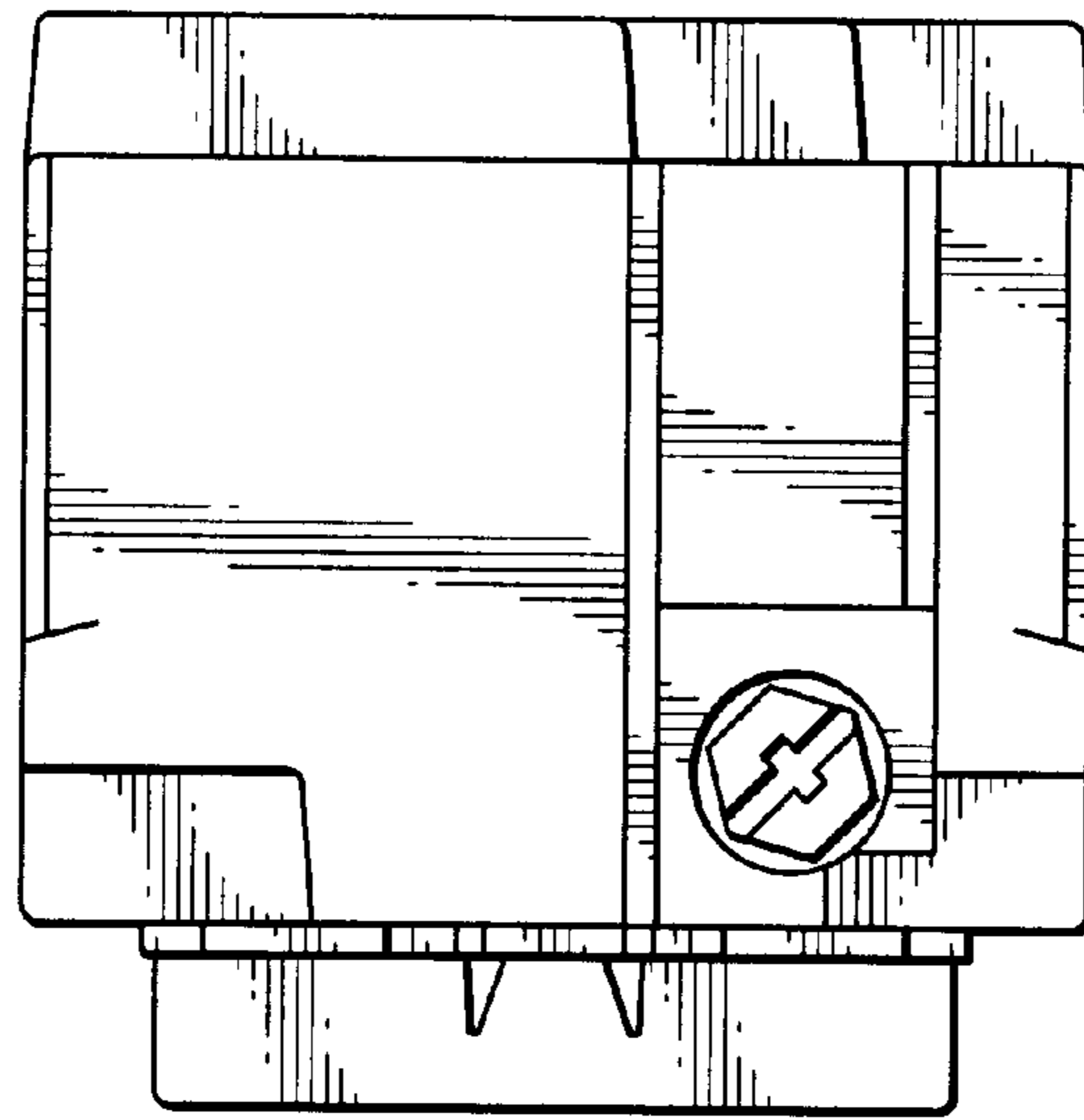


FIG. 5

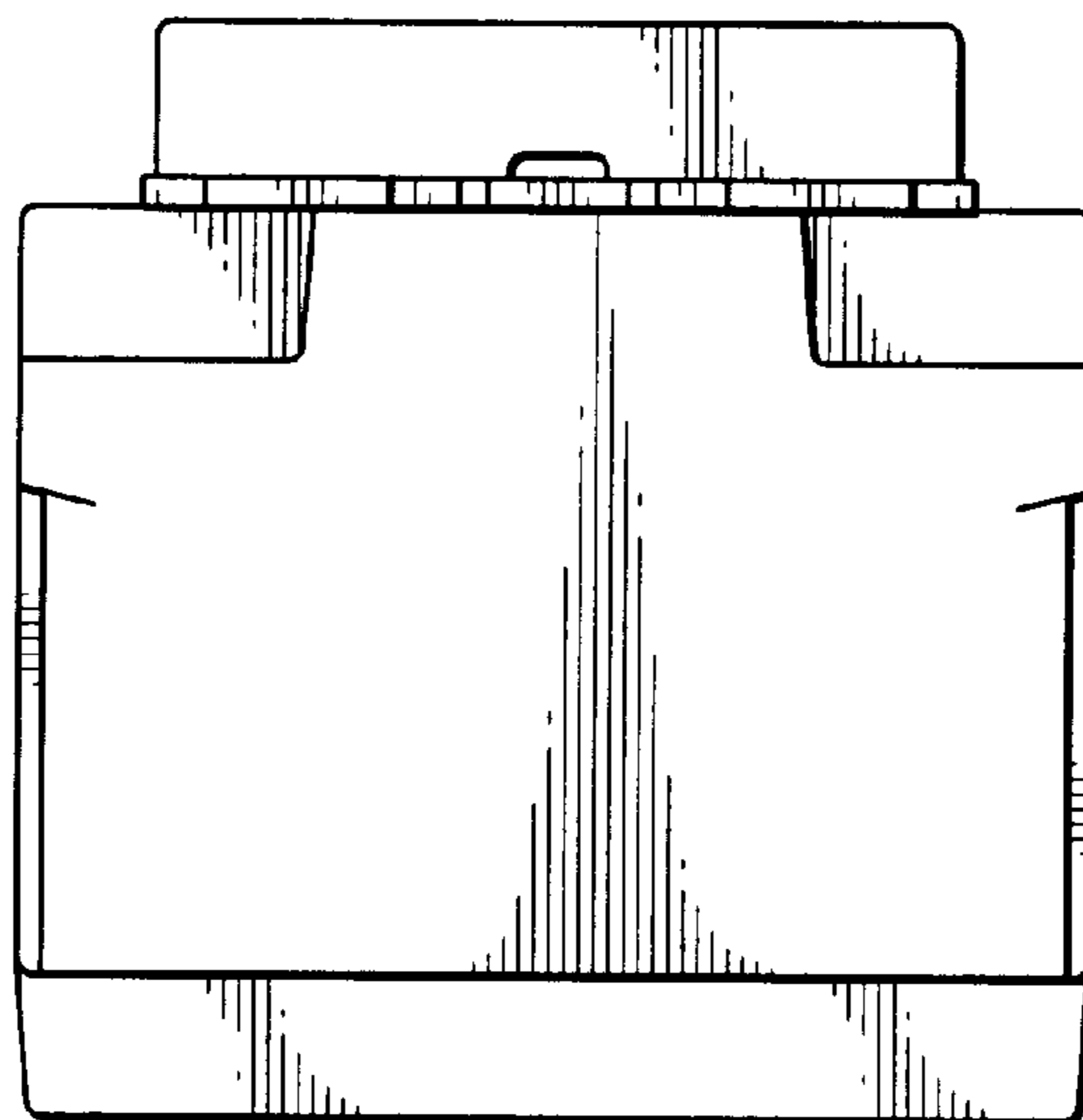


FIG. 6