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

(10) **Patent No.:** **US D493,429 S**
(45) **Date of Patent:** **** Jul. 27, 2004**

- (54) **LIGHT EMITTING DIODE**
- (75) **Inventor:** **Masashi Ishida, Naka-gun (JP)**
- (73) **Assignee:** **Nichia Corporation, Anan (JP)**
- (**) **Term:** **14 Years**
- (21) **Appl. No.:** **29/183,007**
- (22) **Filed:** **Jun. 5, 2003**
- (51) **LOC (7) Cl. 13-03**
- (52) **U.S. Cl. D13/180**
- (58) **Field of Search D13/180, 182;**
 D10/104, 114; 257/88, 89, 93-96, 98, 99,
 678, 687; 313/498, 499, 555, 800; 361/820;
 362/152, 226, 241, 249, 250, 800; 372/45;
 439/353, 620

JP	D1171195	4/2003
JP	D1171196	4/2003
JP	D1171709	4/2003
JP	D1171710	4/2003
KR	30-0294490	3/2002
KR	30-0294490-1	3/2002

* cited by examiner

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- (56) **References Cited**
- U.S. PATENT DOCUMENTS**
- 4,580,859 A * 4/1986 Frano et al. 439/353
- 5,475,241 A * 12/1995 Harrah et al. 257/99
- D453,745 S * 2/2002 Suenaga D13/180
- D478,877 S * 8/2003 Hoshiba D13/182
- D482,337 S * 11/2003 Kamada D13/182

FOREIGN PATENT DOCUMENTS

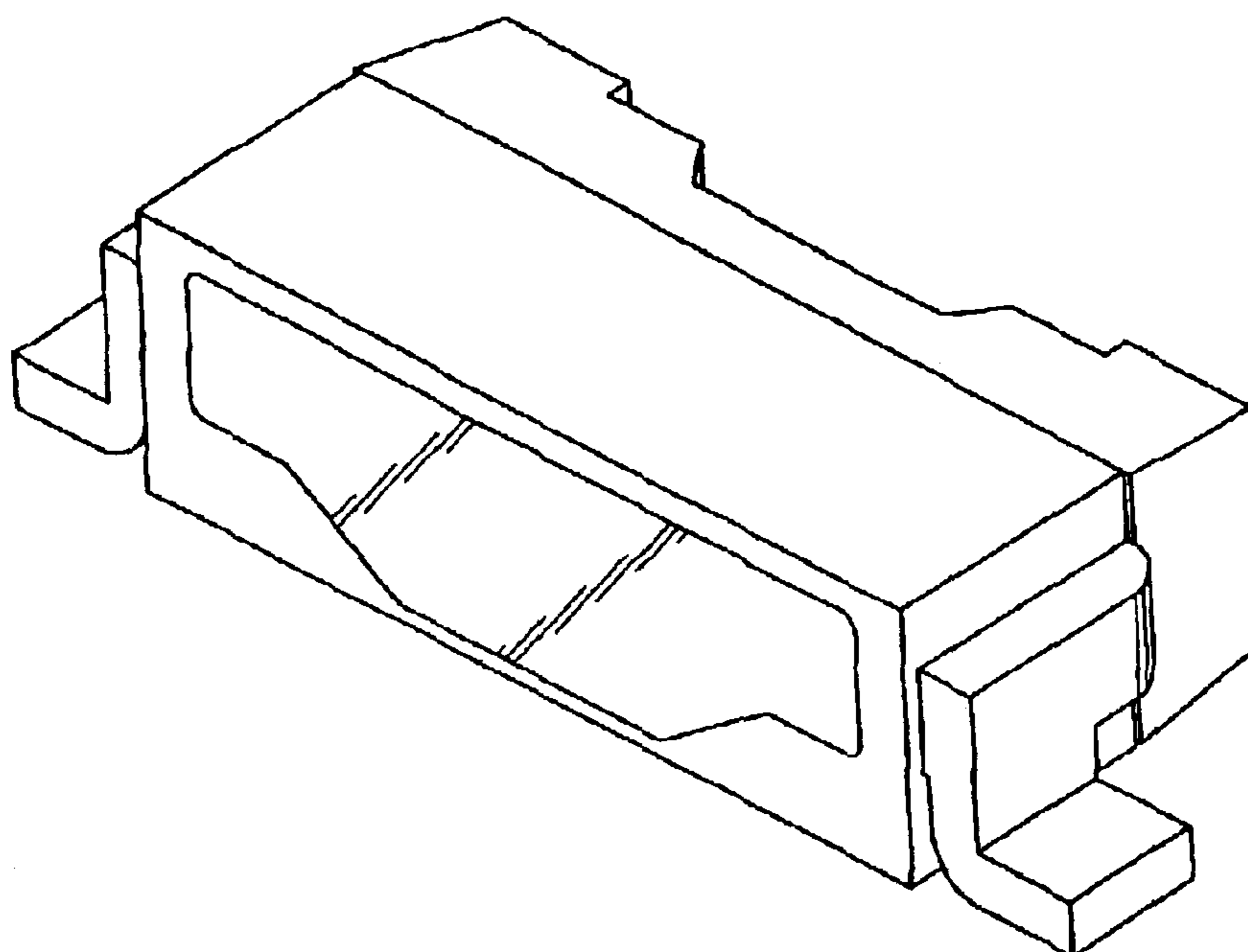
JP	D984224	7/1997
JP	D984224-1	10/1997
JP	D1077515	7/2000
JP	D1170087	4/2003
JP	D1170881	4/2003

(57) **CLAIM**
I claim the ornamental design for a light emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a light emitting diode showing my design;
FIG. 2 is a plan view of the light emitting diode according to FIG. 1;
FIG. 3 is a left view of the light emitting diode according to FIG. 1;
FIG. 4 is a front elevational view of the light emitting diode according to FIG. 1;
FIG. 5 is a right view of the light emitting diode according to FIG. 1;
FIG. 6 is a bottom plan of the light emitting diode according to FIG. 1; and,
FIG. 7 is a rear elevational view of the light emitting diode according to FIG. 1.

1 Claim, 2 Drawing Sheets



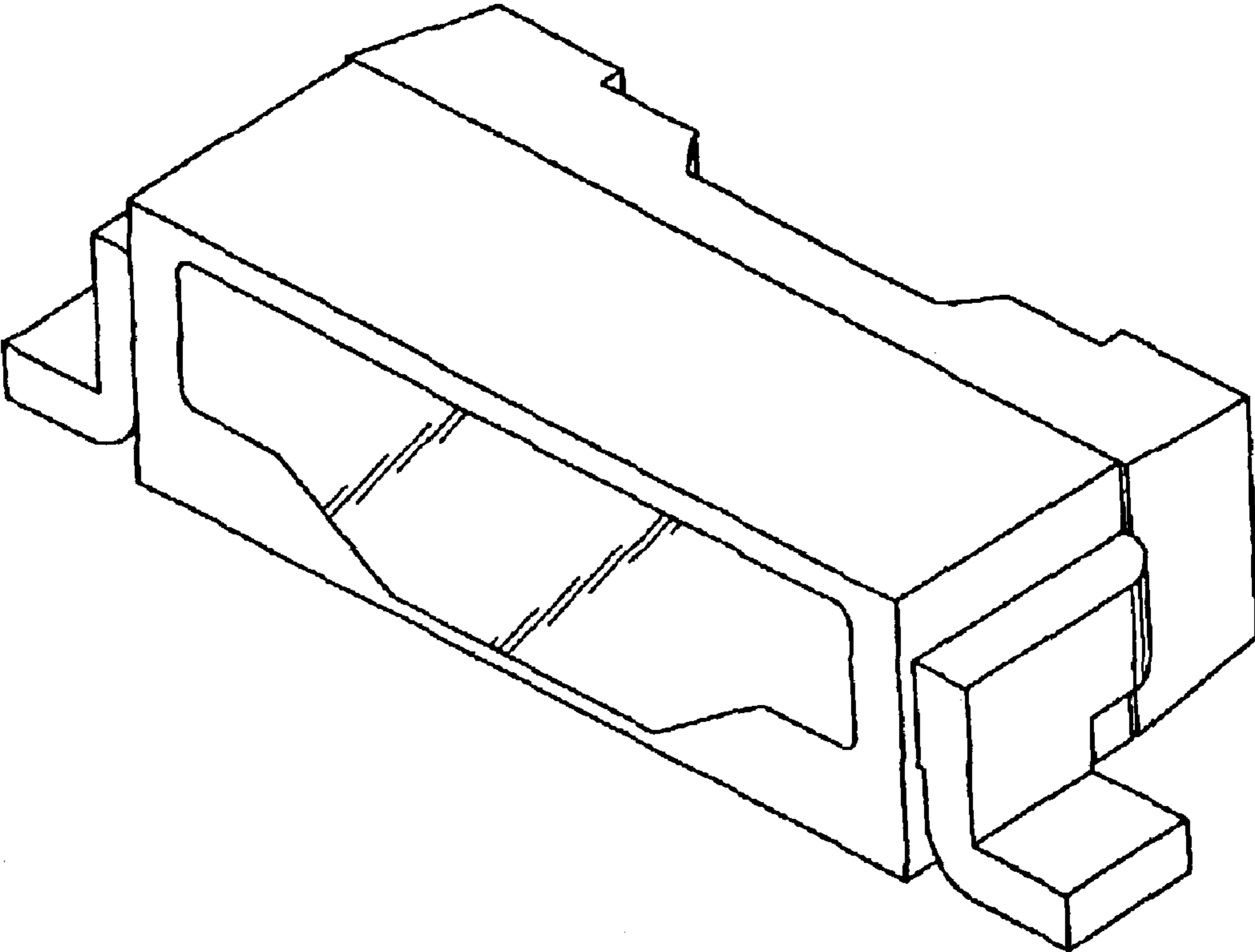


FIG. 1

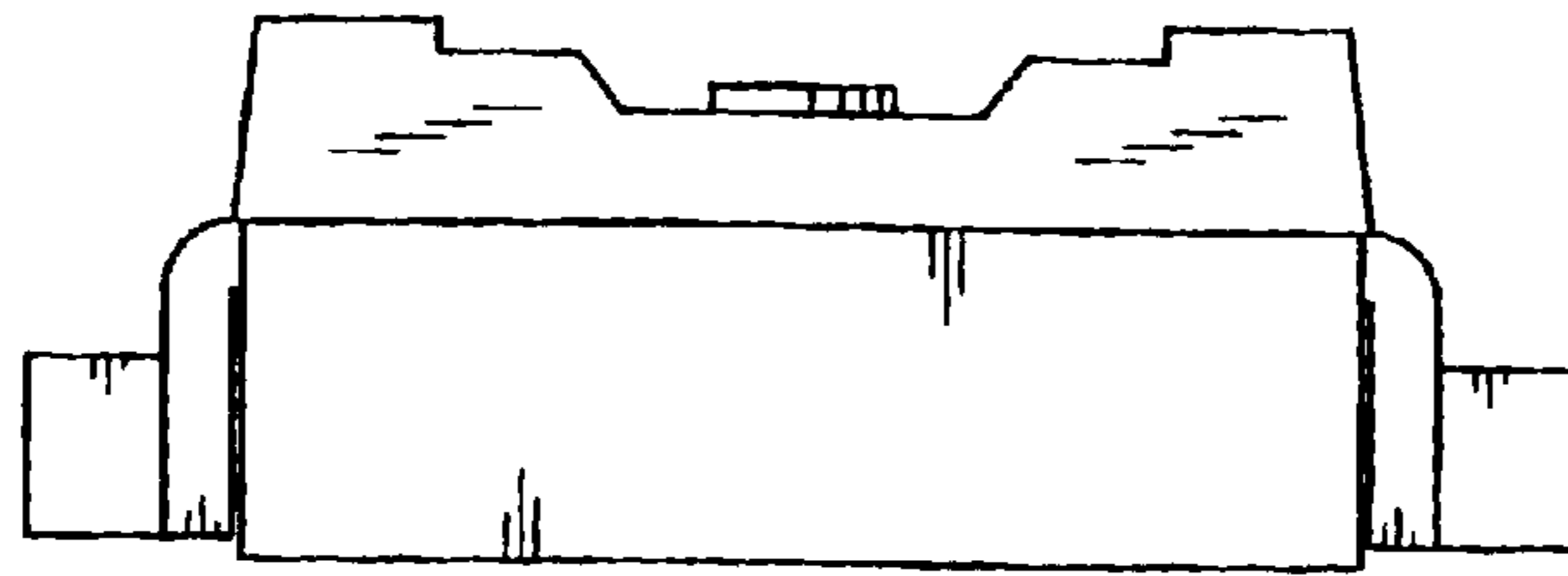


FIG. 2

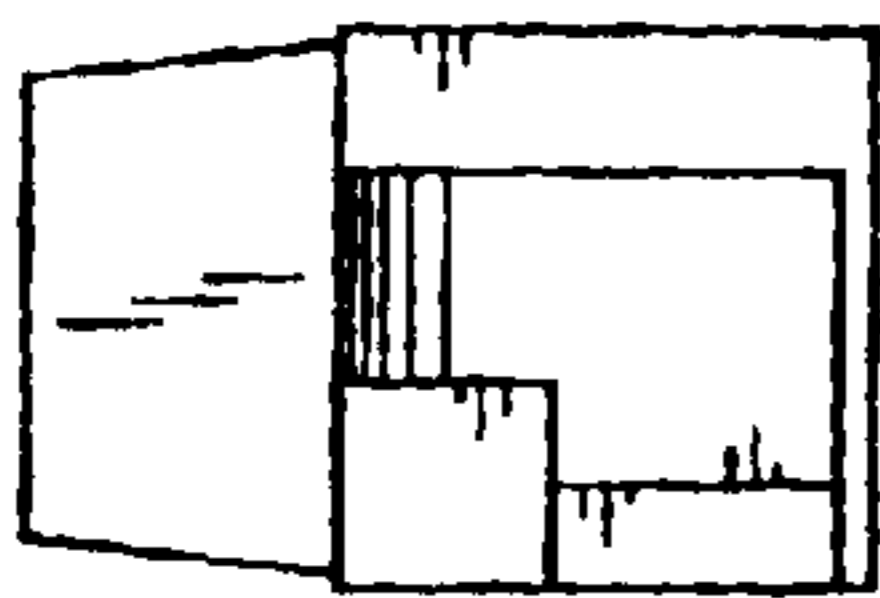


FIG. 3

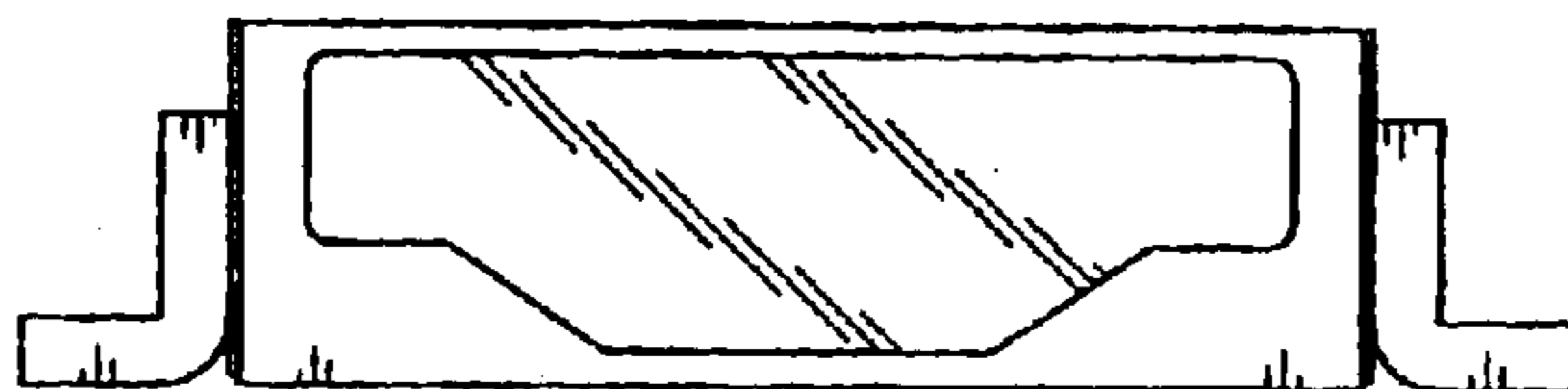


FIG. 4

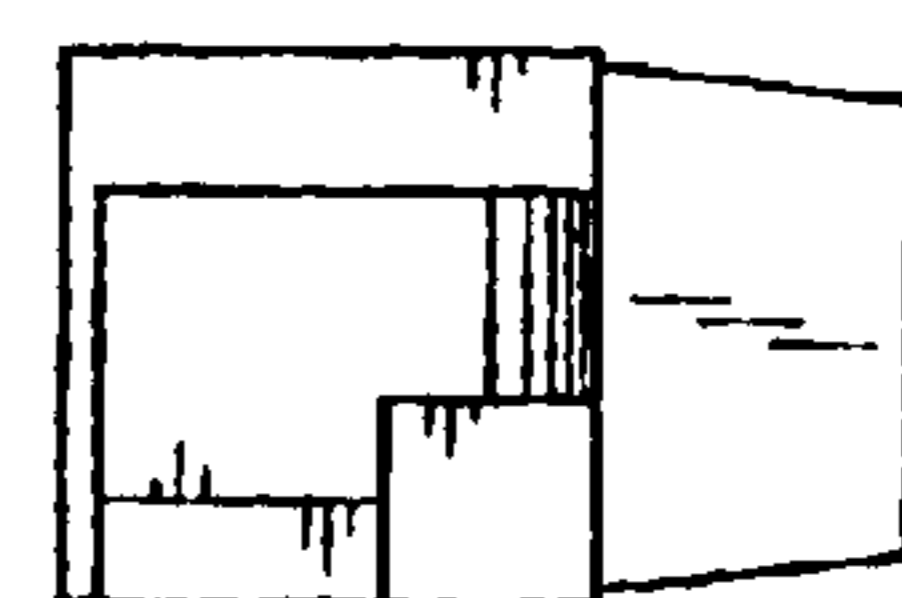


FIG. 5

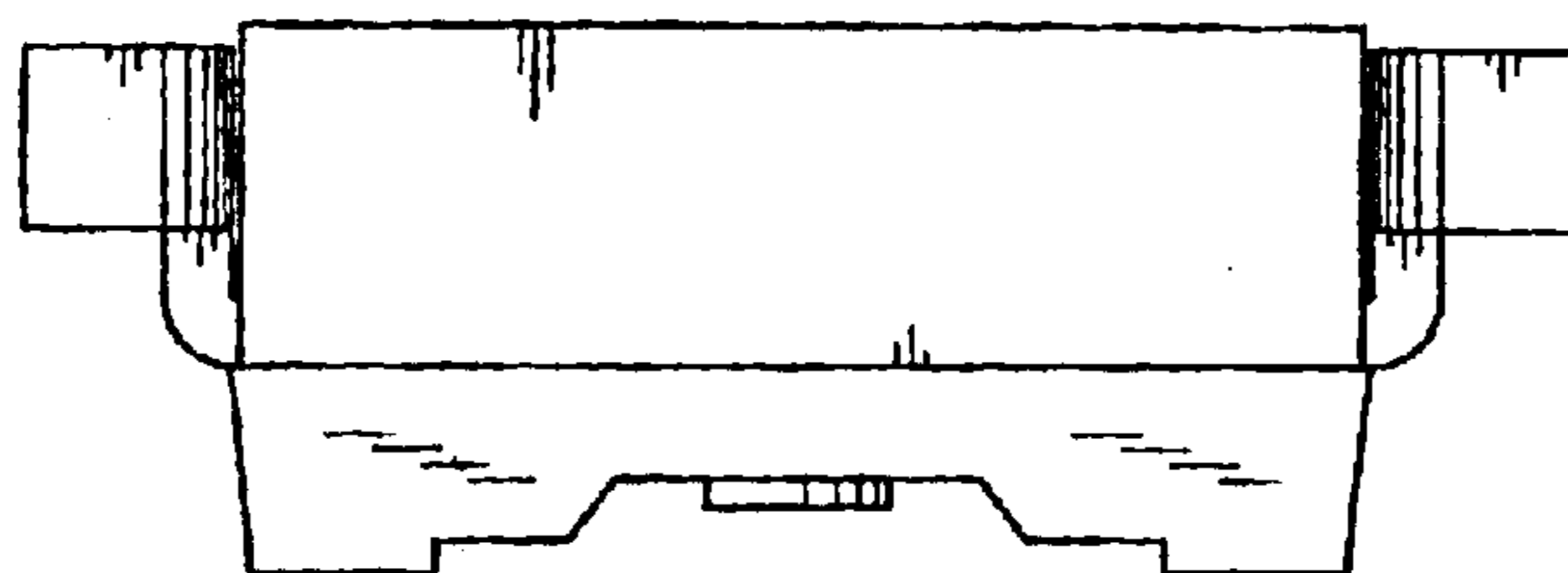


FIG. 6

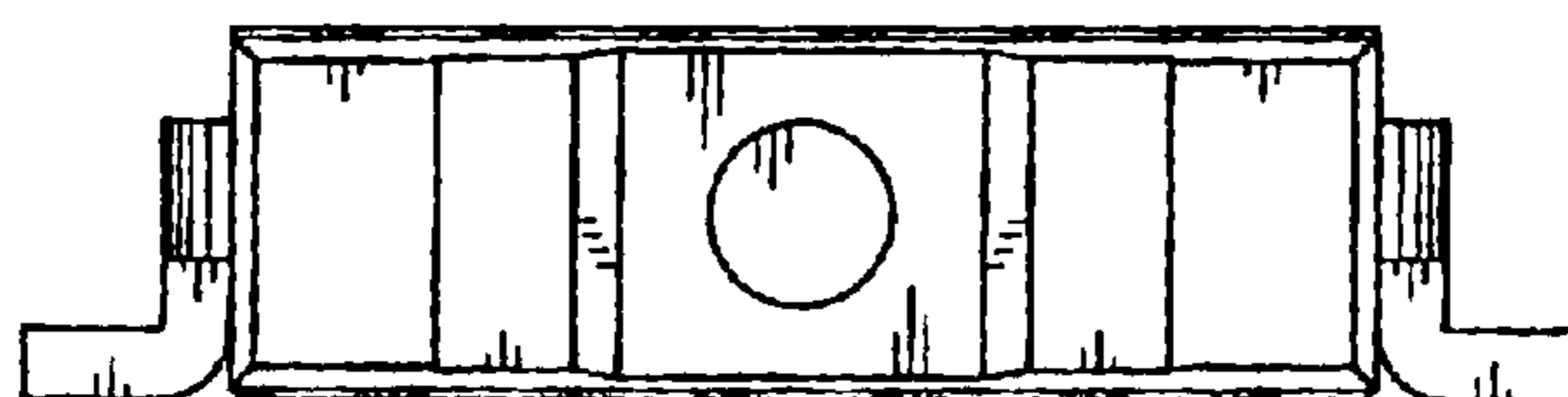


FIG. 7