



US00D728398S

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

(10) **Patent No.:** **US D728,398 S**
(45) **Date of Patent:** **** May 5, 2015**

(54) **CURRENT SENSOR**

(71) Applicant: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

(72) Inventors: **Toshikazu Suzuki**, Tokyo (JP); **Hisashi Nishimura**, Tokyo (JP)

(73) Assignee: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

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

(21) Appl. No.: **29/481,937**

(22) Filed: **Feb. 12, 2014**

(30) **Foreign Application Priority Data**

Aug. 28, 2013 (JP) 2013-019801
Aug. 28, 2013 (JP) 2013-019802

(51) **LOC (10) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/75**

(58) **Field of Classification Search**
CPC .. G01R 15/202; G01R 15/205; G01R 15/207;
G01R 15/18; G01R 15/20; G01R 15/148;
G01R 15/181; G01R 15/183; G01R 33/0005;
G01R 33/02; G01R 33/06; G01R 33/063;
G01R 33/066; G01R 33/07; G01R 33/072;
G01R 33/075
USPC D10/75; 324/117 H, 117 R
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D600,576 S * 9/2009 Marcoz D10/79
D688,143 S * 8/2013 Onuma D10/75

2010/0097049 A1* 4/2010 Lepine et al. 324/117 H
2011/0068771 A1* 3/2011 Ueno et al. 324/117 R
2015/0042324 A1* 2/2015 Fujita et al. 324/244

* cited by examiner

Primary Examiner — Antoine D Davis

(74) *Attorney, Agent, or Firm* — Cermak Nakajima & McGowan LLP; Tomoko Nakajima

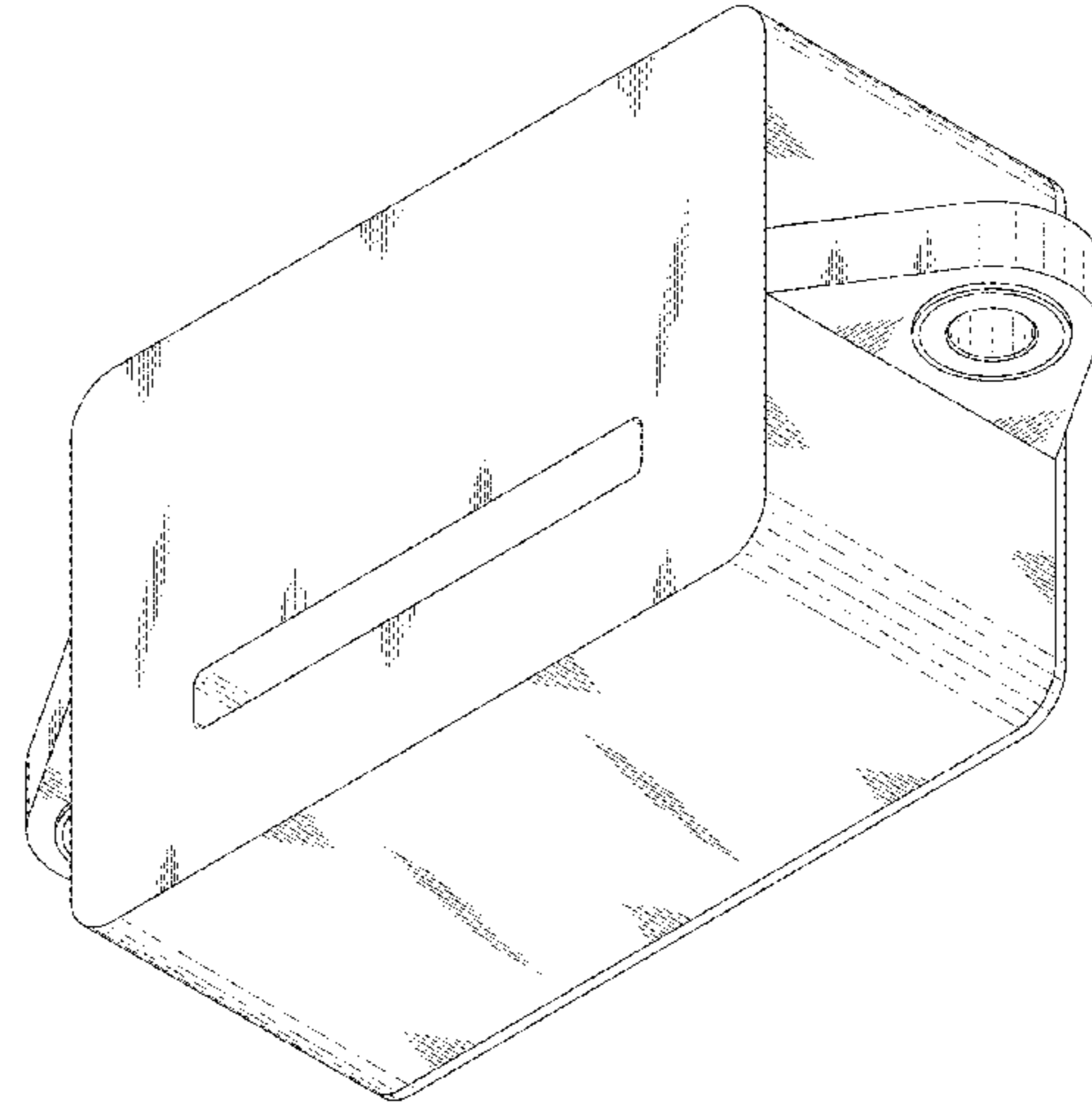
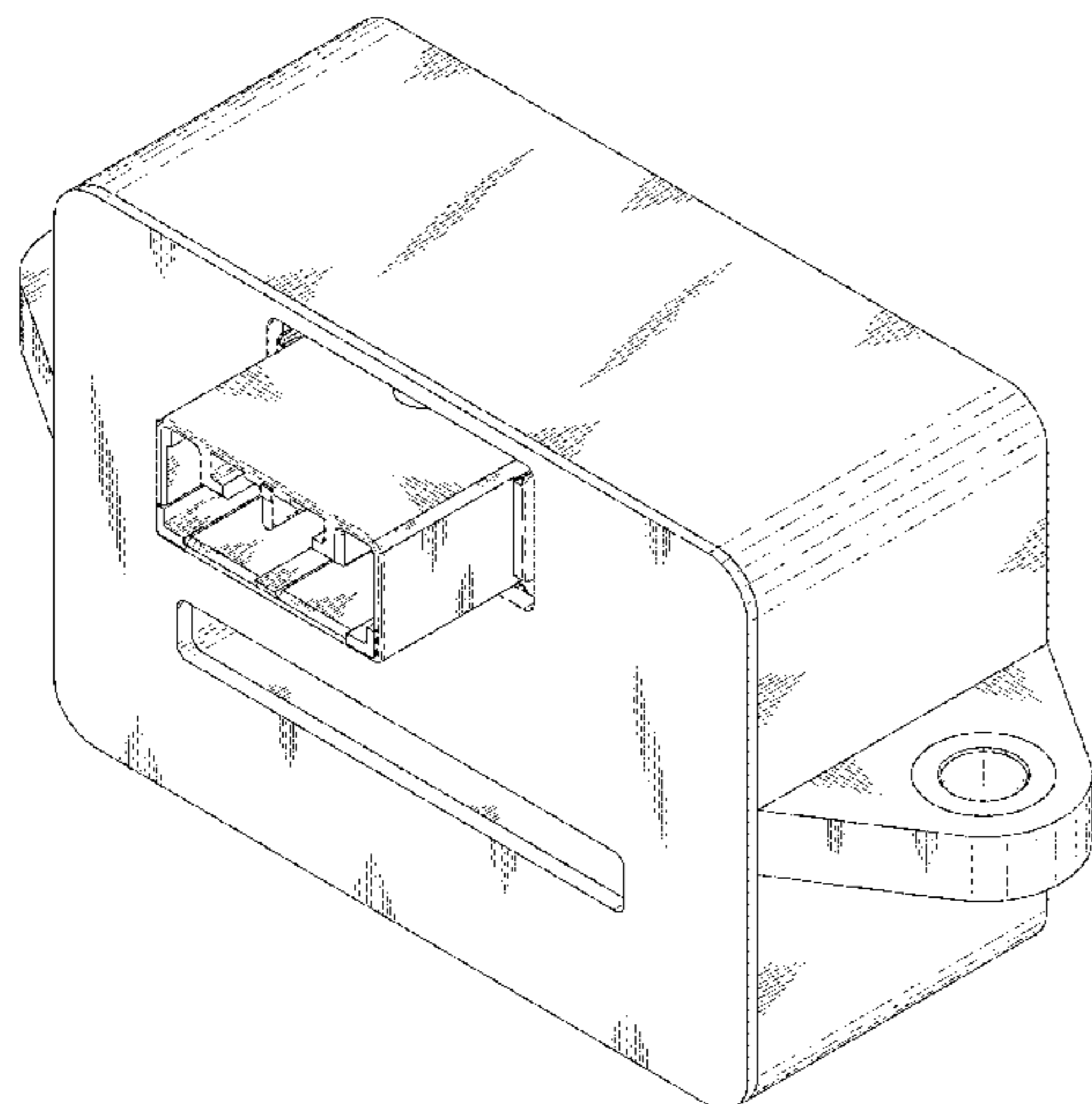
(57) **CLAIM**

The ornamental design for a current sensor, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a first embodiment of a current sensor showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a rear elevational view thereof; and
FIG. 6 is a bottom plan view thereof.
FIG. 7 is a front and top perspective view thereof;
FIG. 8 is a rear and top perspective view thereof;
FIG. 9 is a front and bottom perspective view thereof; and
FIG. 10 is a rear and bottom perspective view thereof.
FIG. 11 is a front elevational view of a second embodiment of a current sensor showing our new design;
FIG. 12 is a top plan view thereof;
FIG. 13 is a right side elevational view thereof;
FIG. 14 is a left side elevational view thereof;
FIG. 15 is a rear elevational view thereof; and
FIG. 16 is a bottom plan view thereof.
FIG. 17 is a front and top perspective view thereof;
FIG. 18 is a rear and top perspective view thereof;
FIG. 19 is a front and bottom perspective view thereof; and,
FIG. 20 is a rear and bottom perspective view thereof.

1 Claim, 20 Drawing Sheets



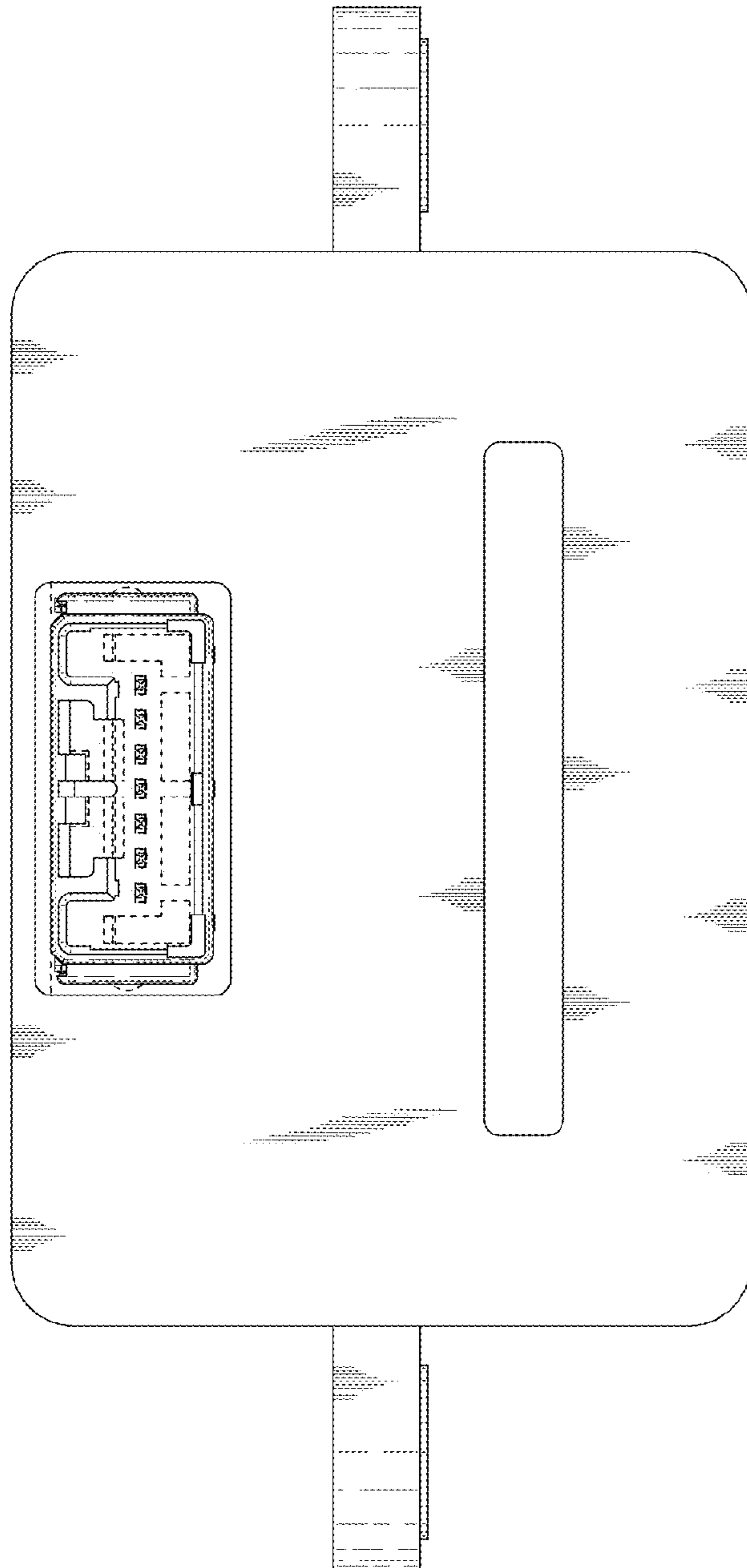


FIG.1

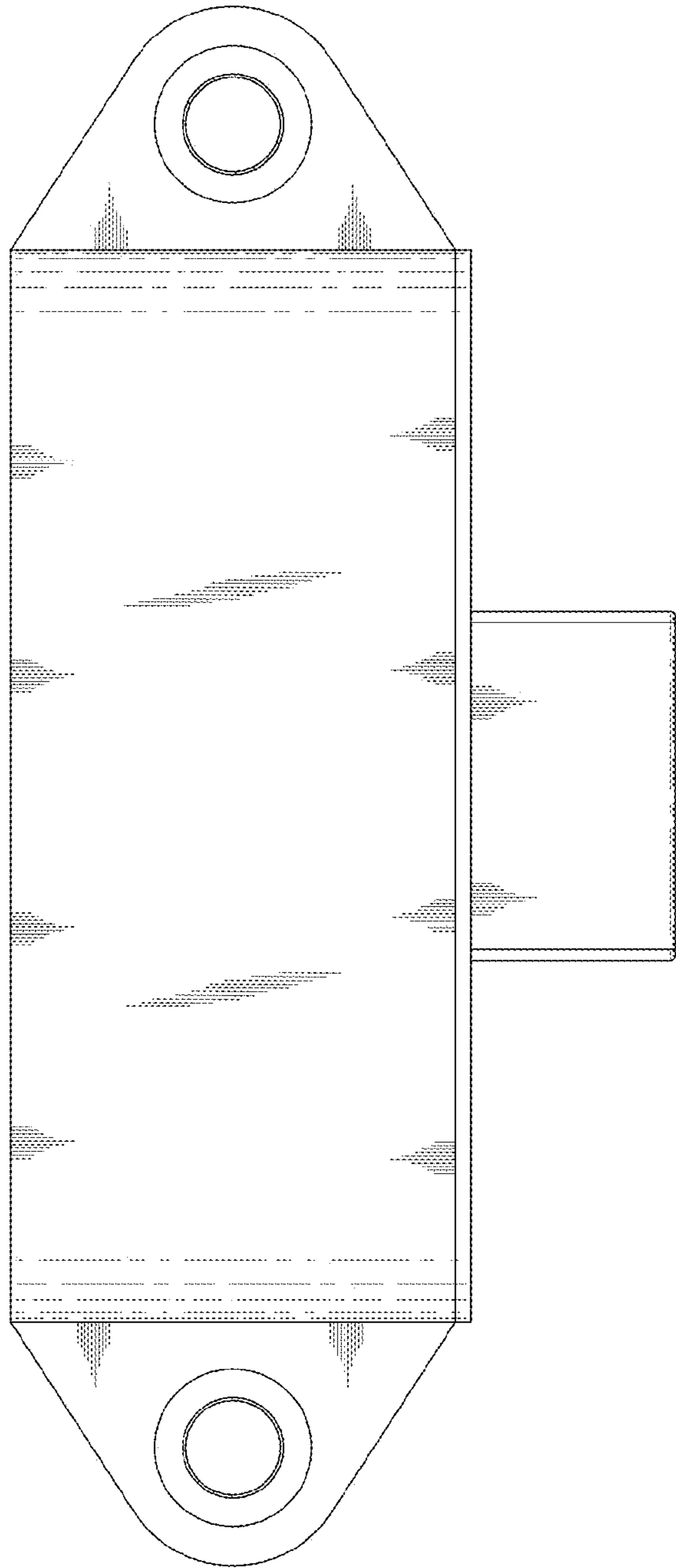


FIG.2

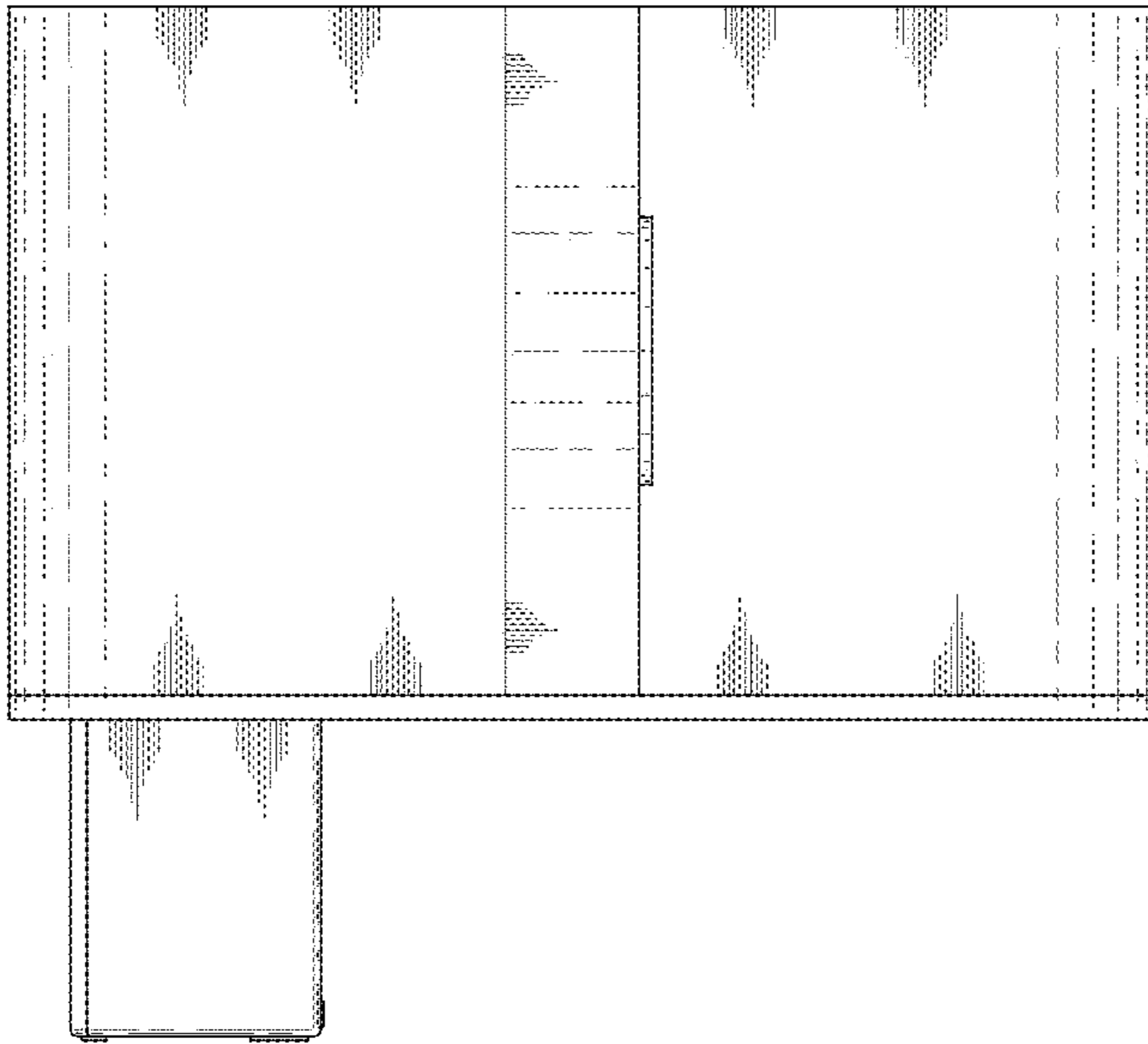


FIG.3

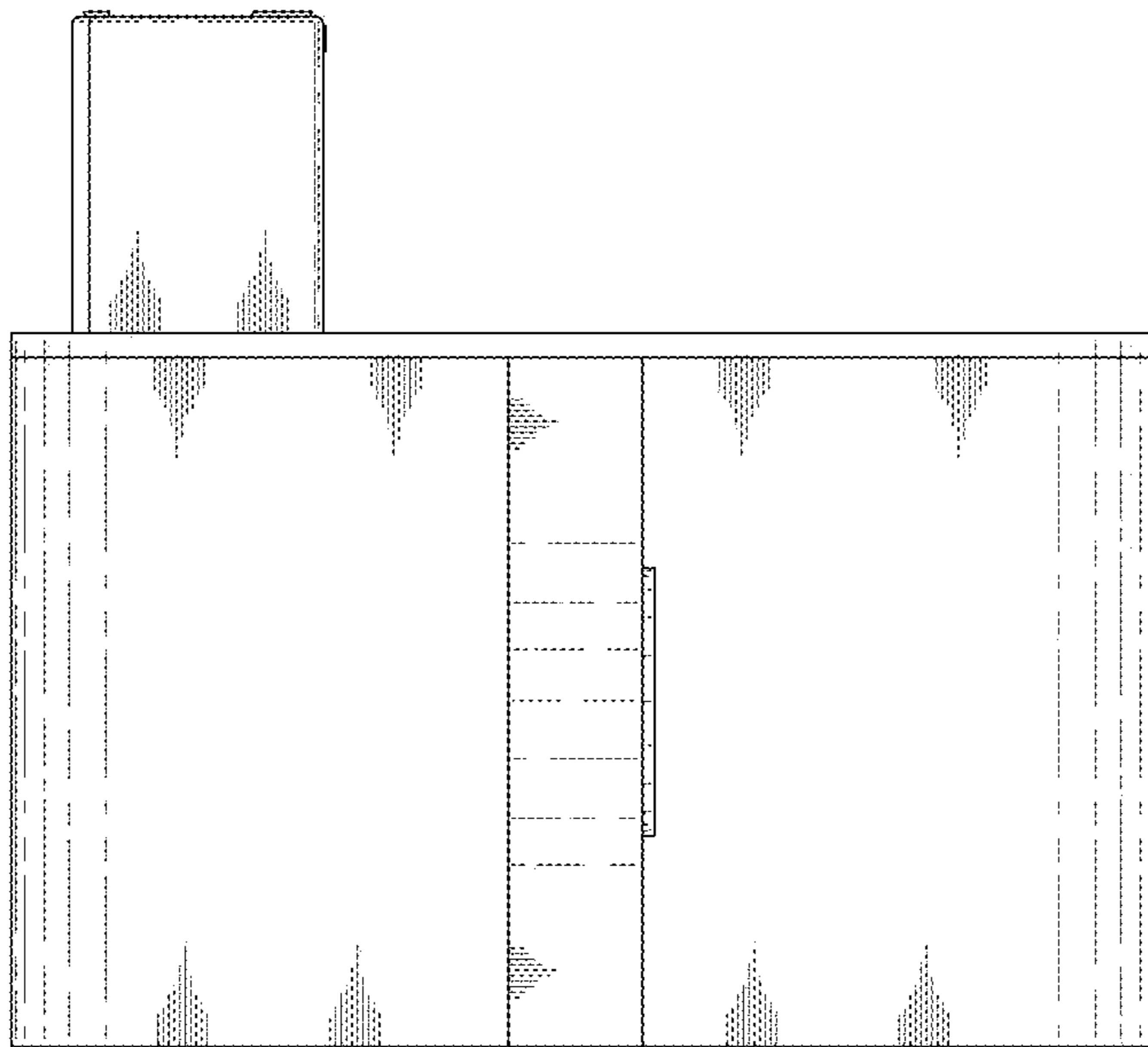


FIG.4

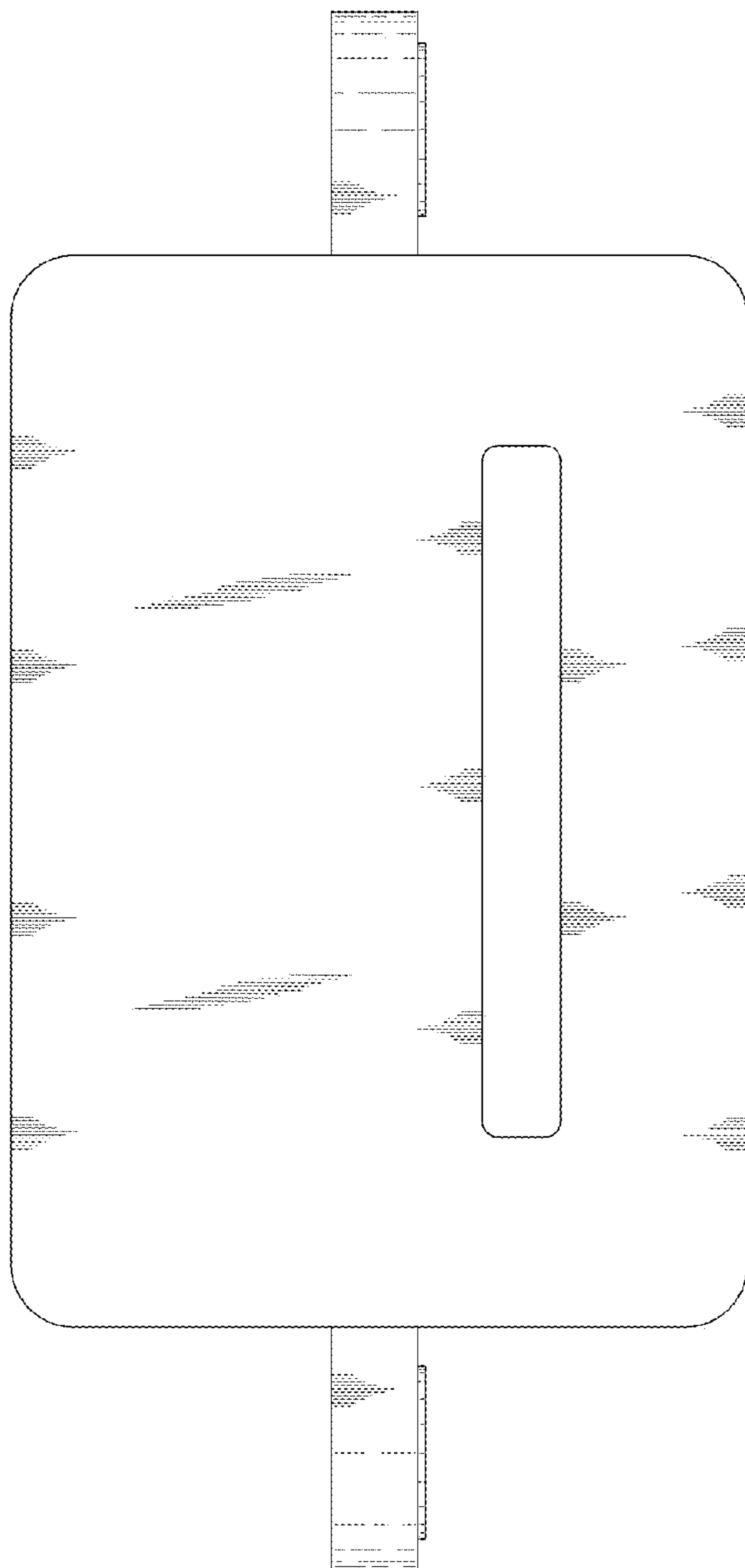


FIG. 5

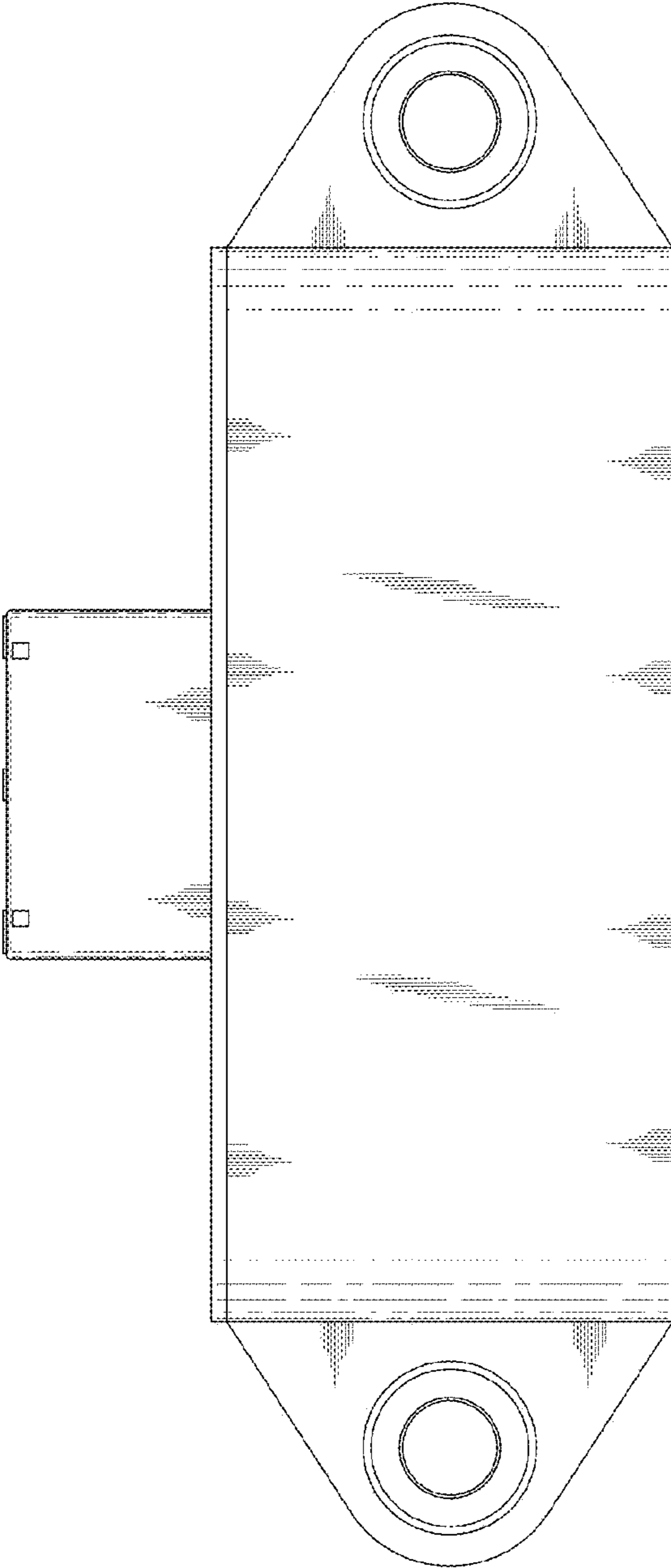


FIG.6

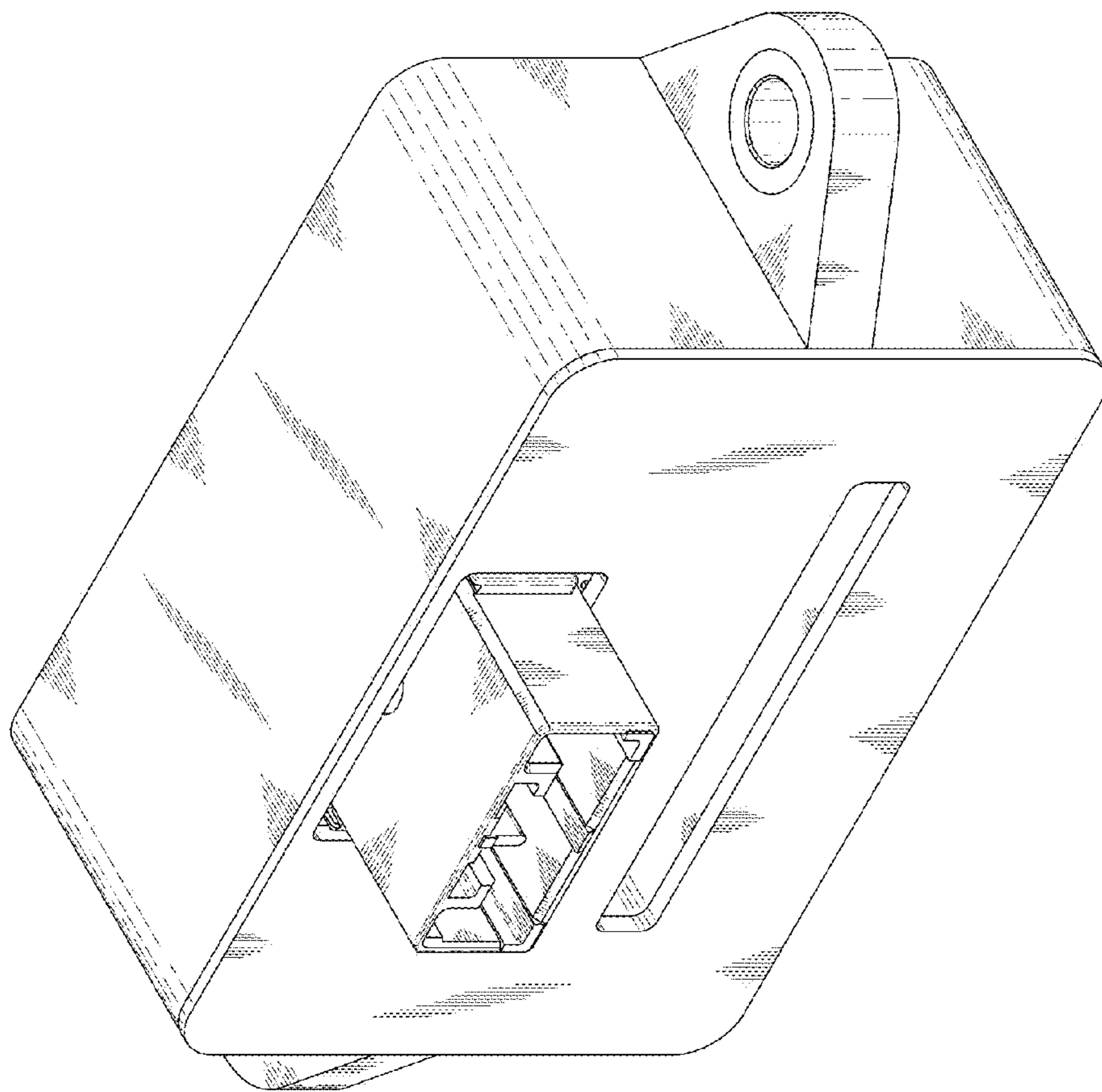


FIG.7

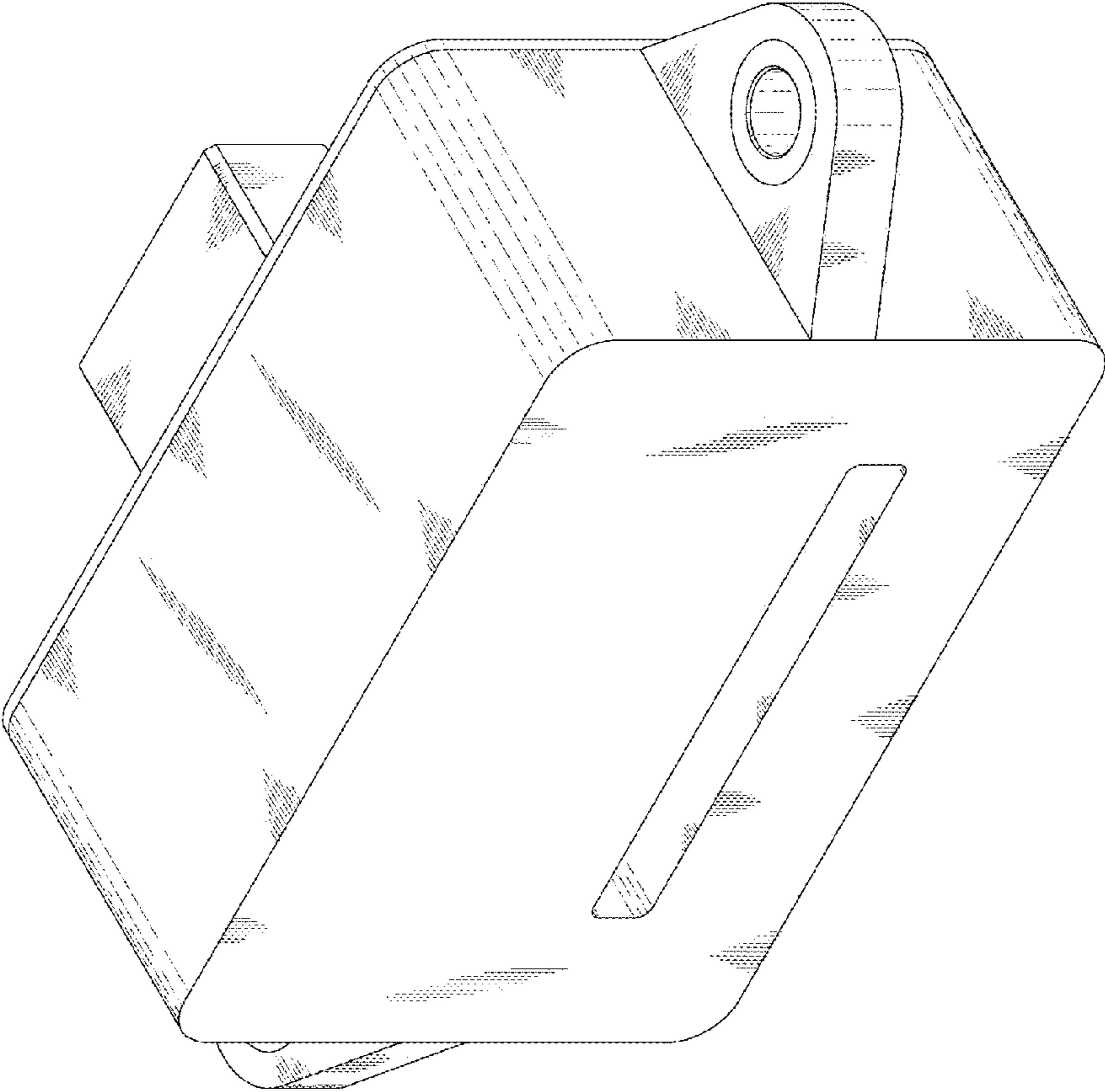


FIG.8

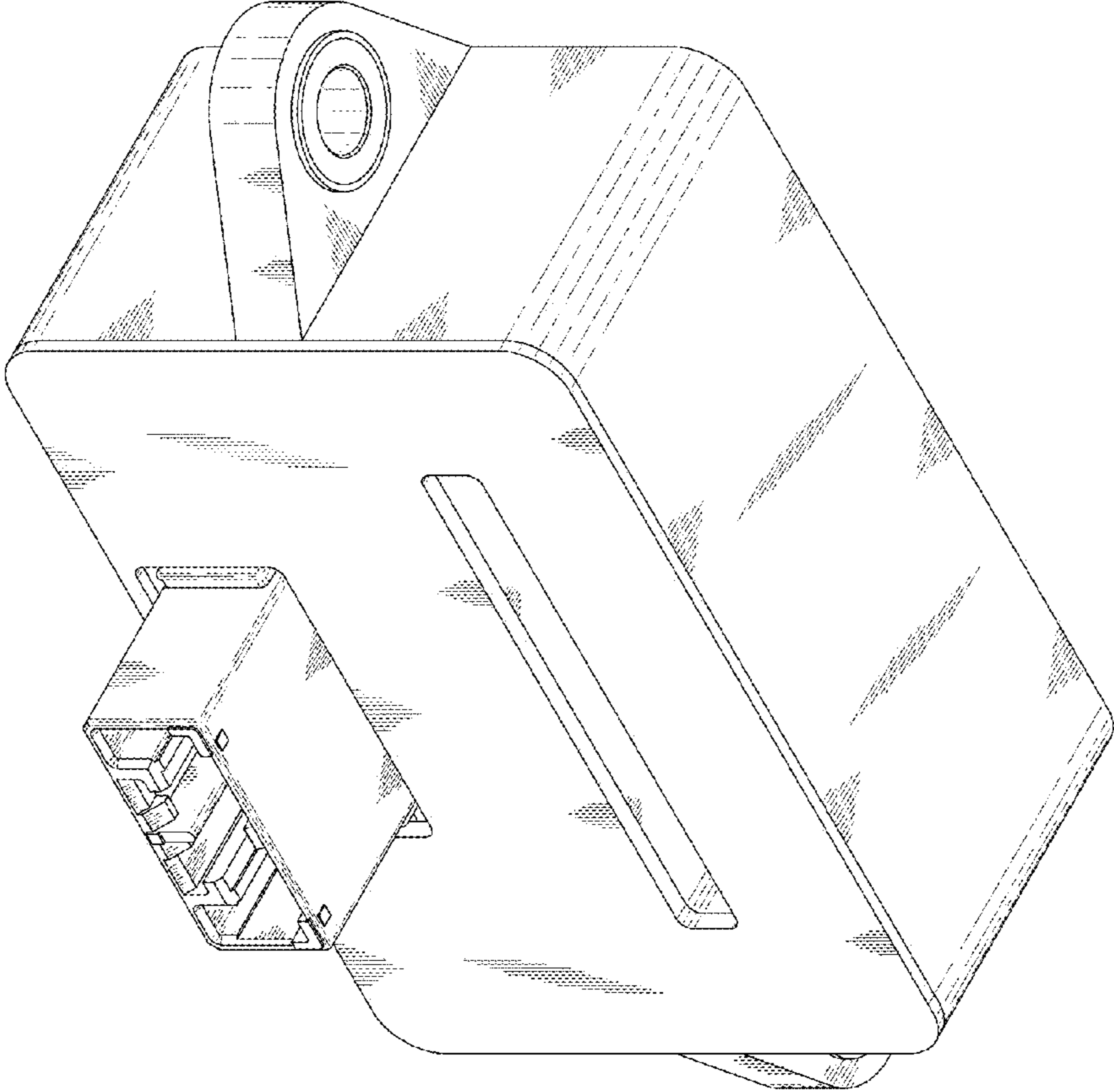


FIG. 9

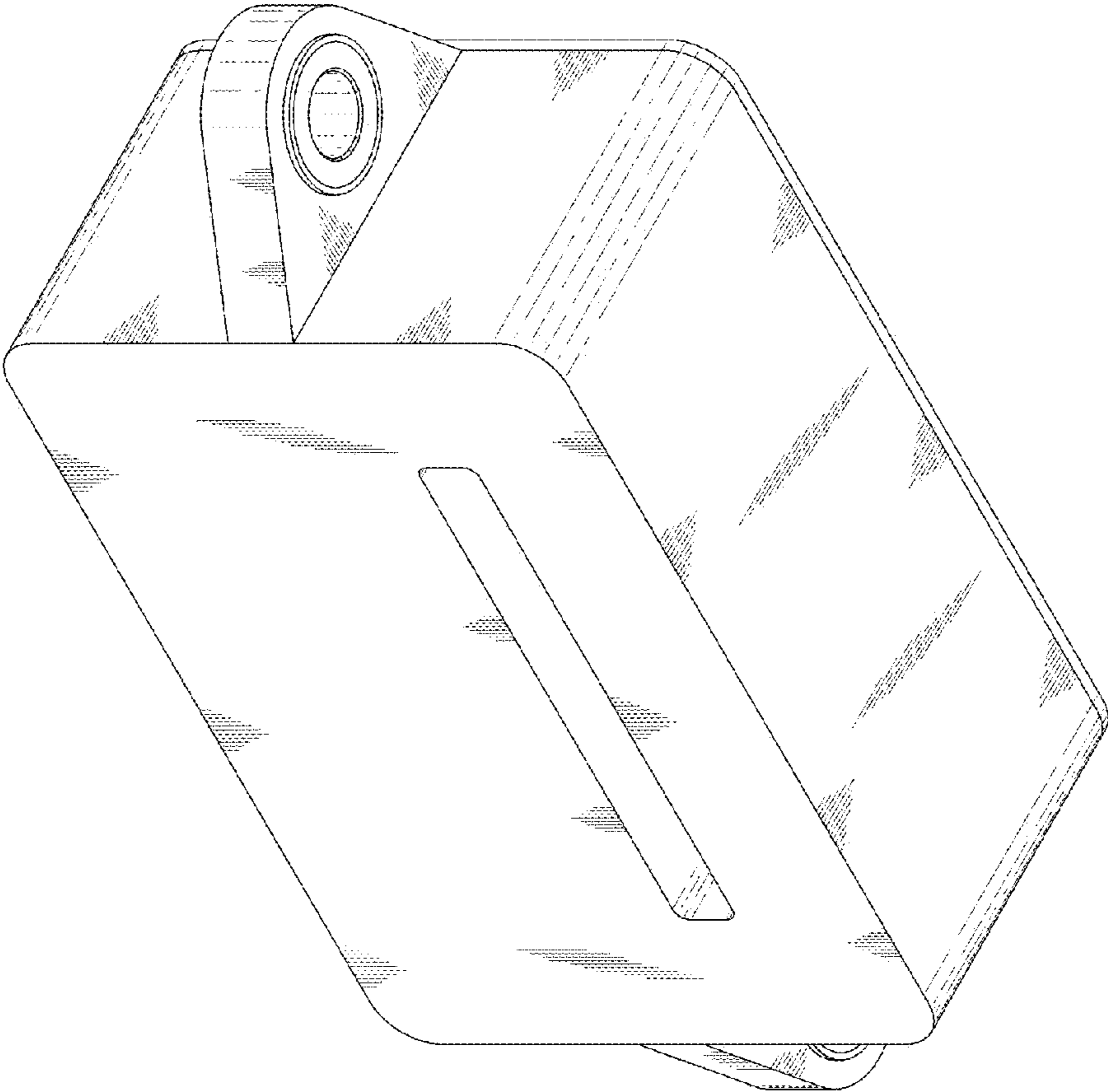


FIG.10

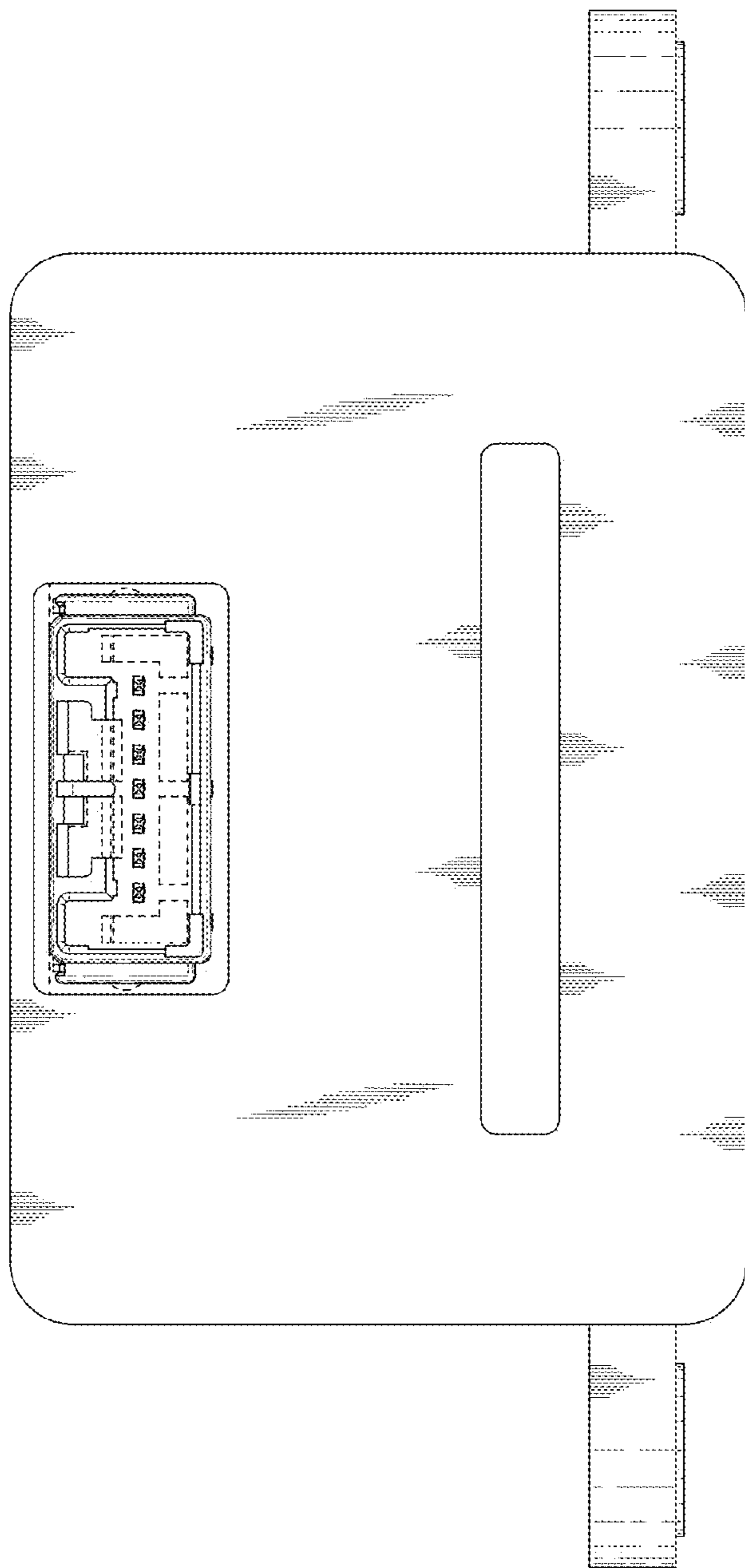


FIG.11

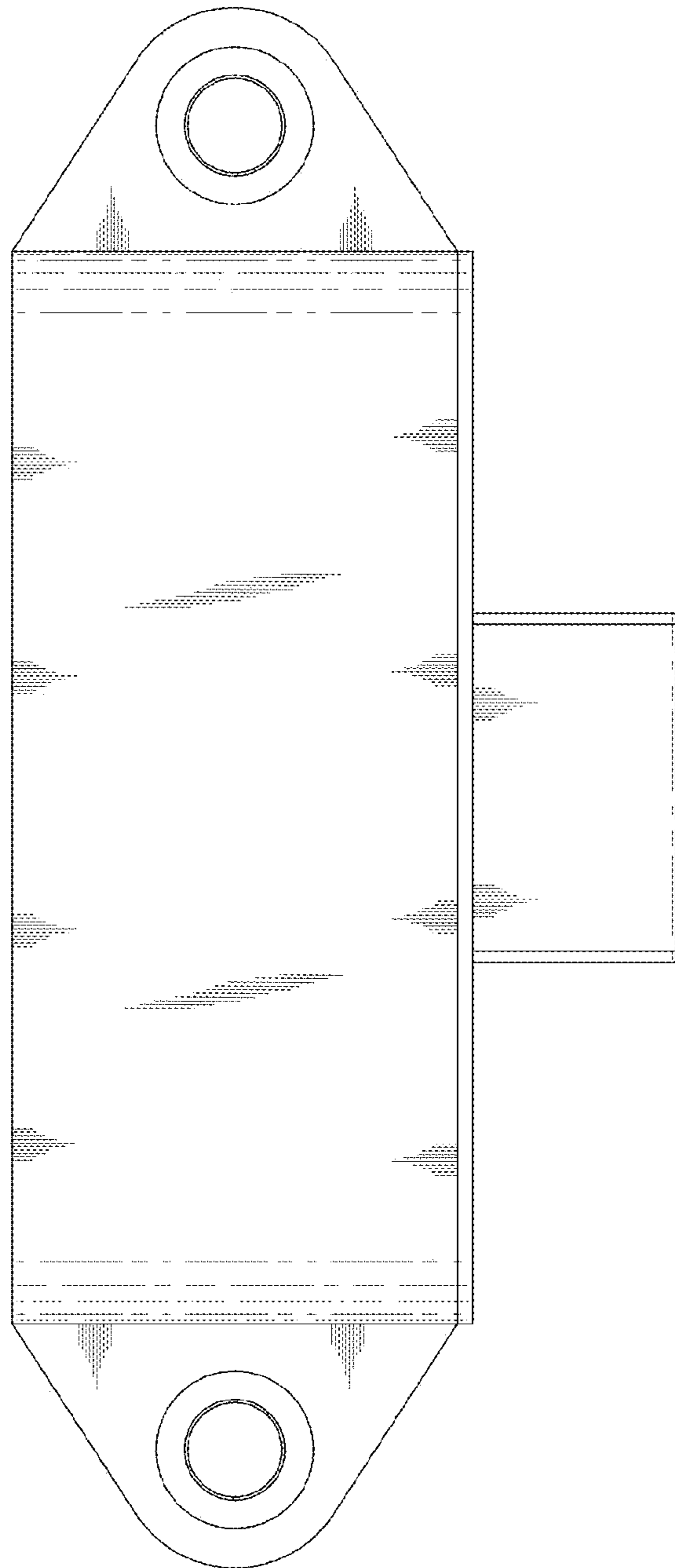


FIG.12

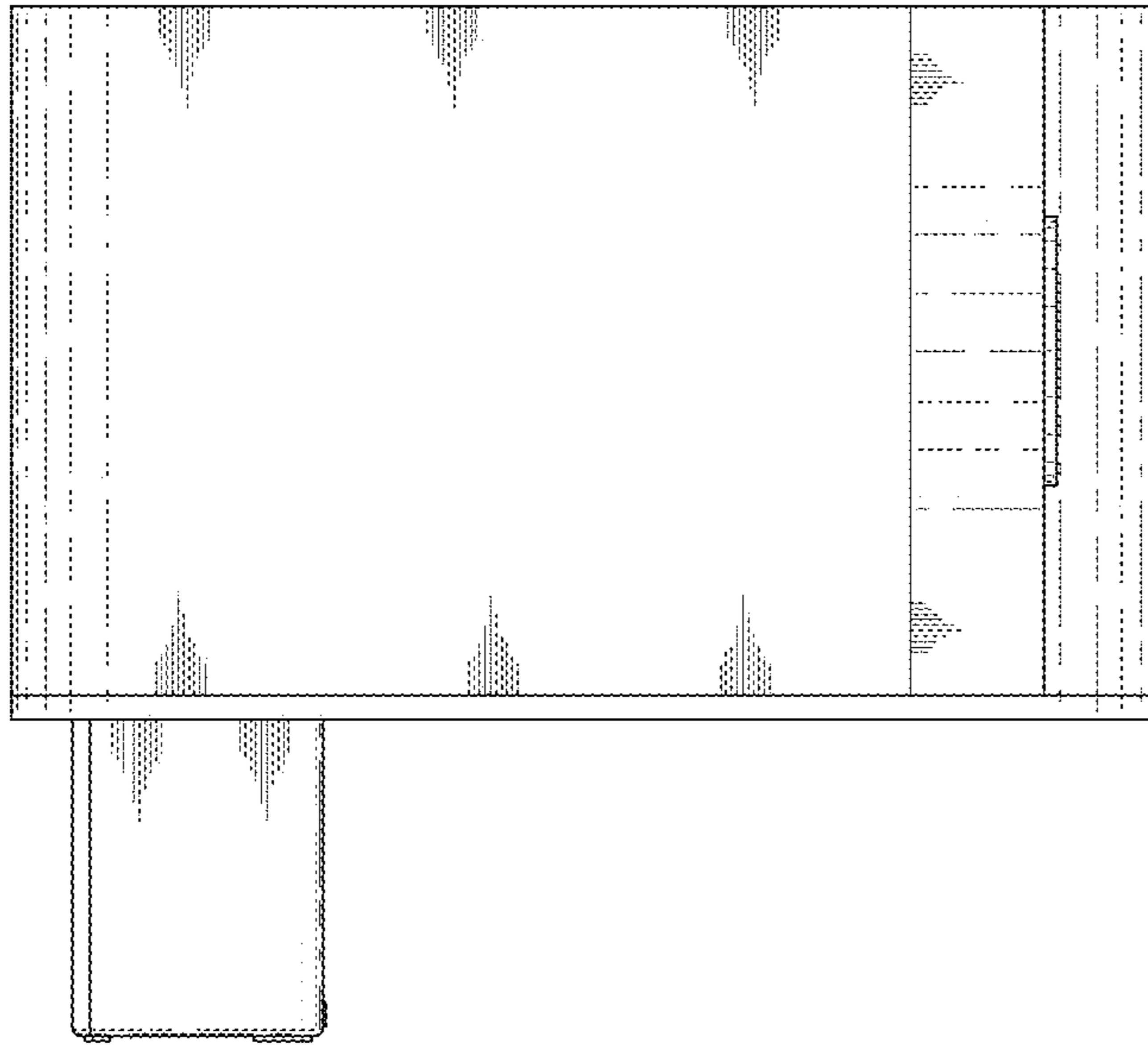


FIG.13

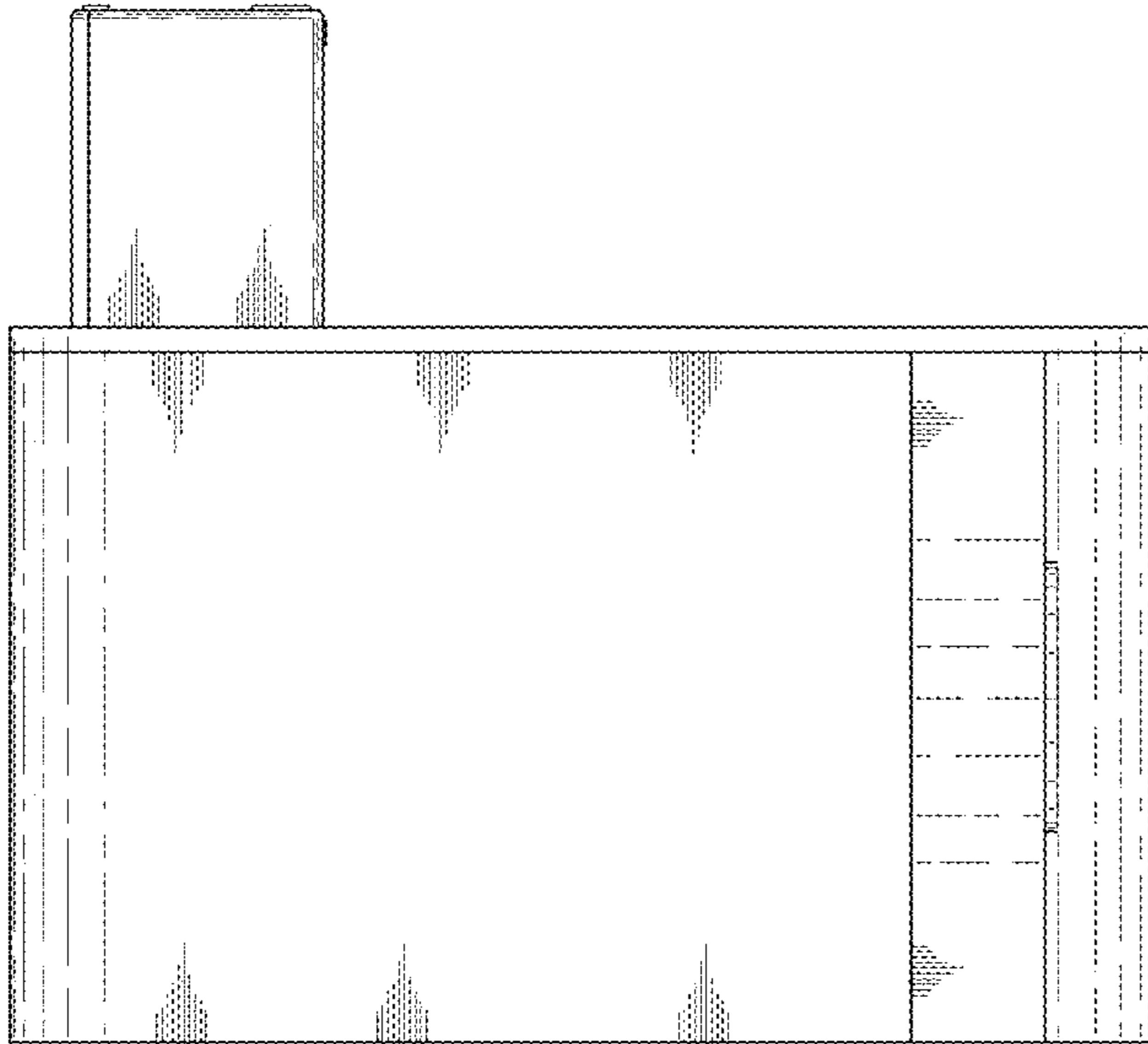


FIG.14

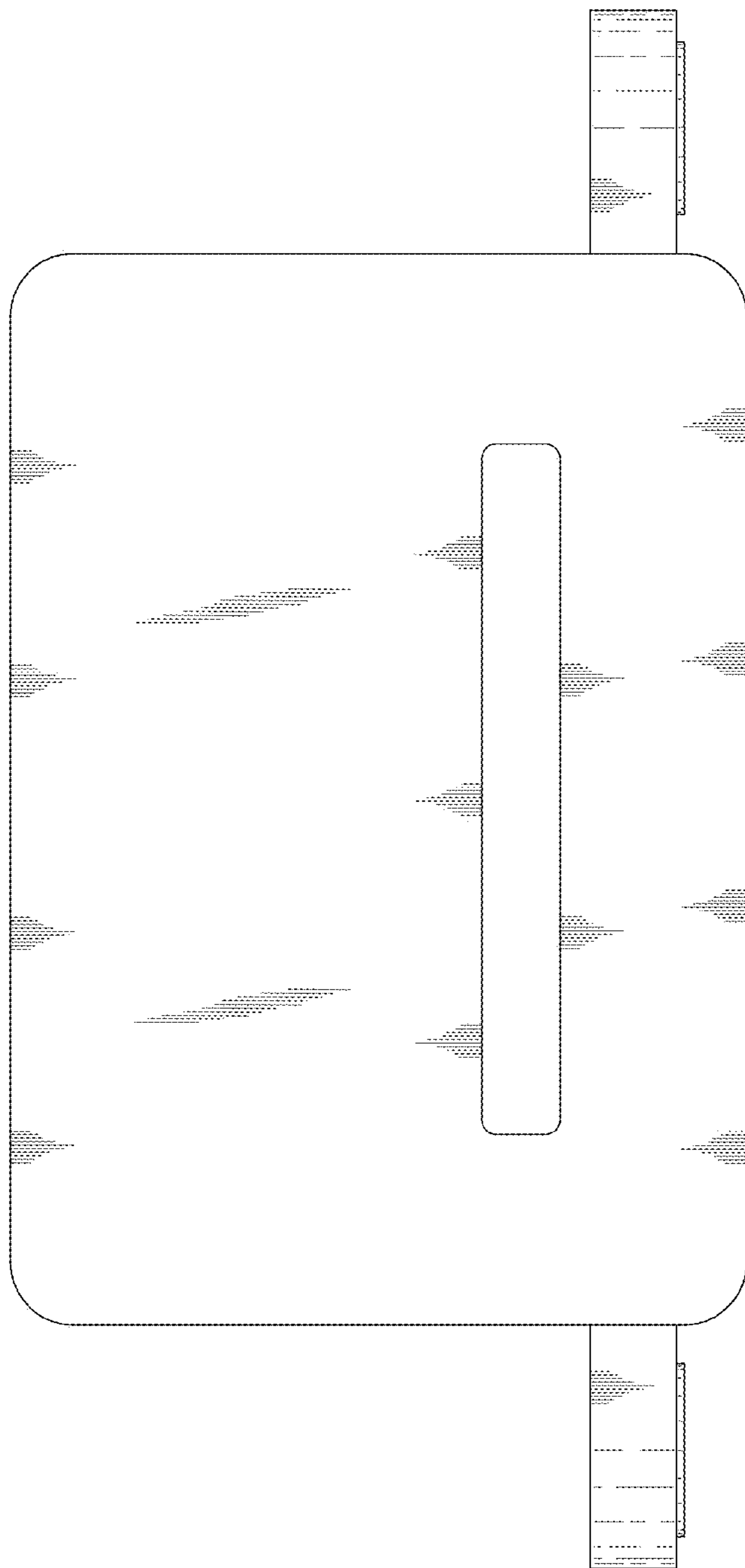


FIG.15

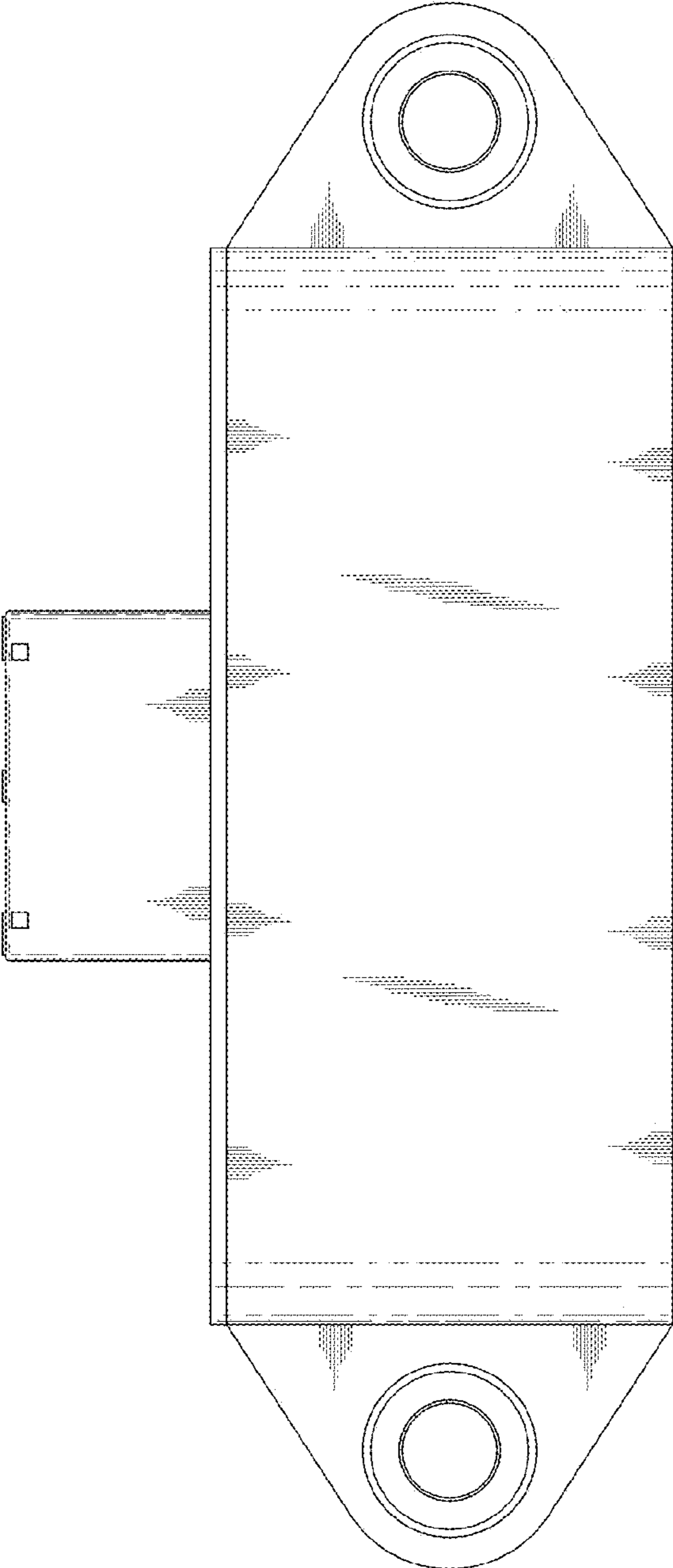


FIG.16

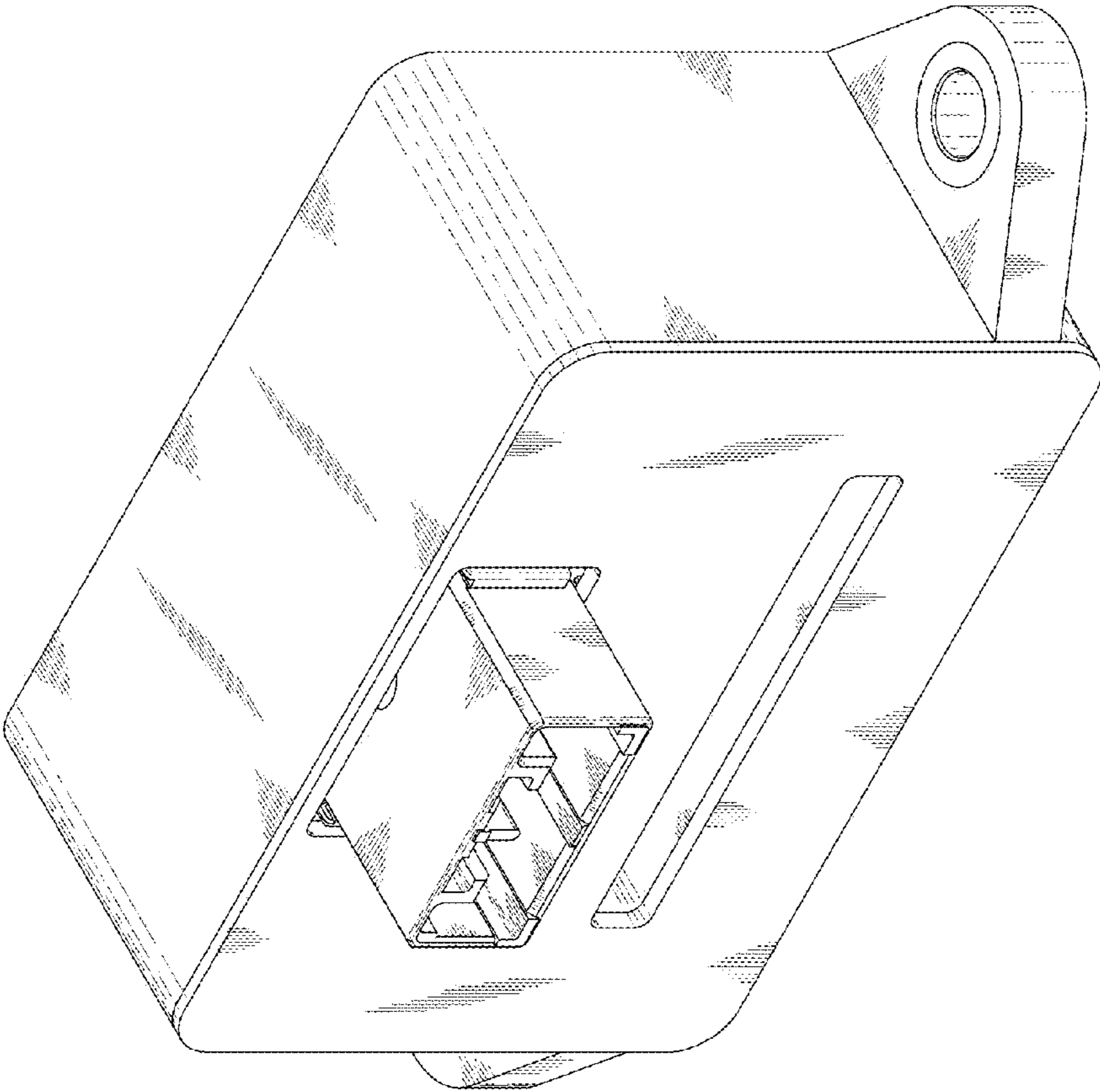


FIG.17

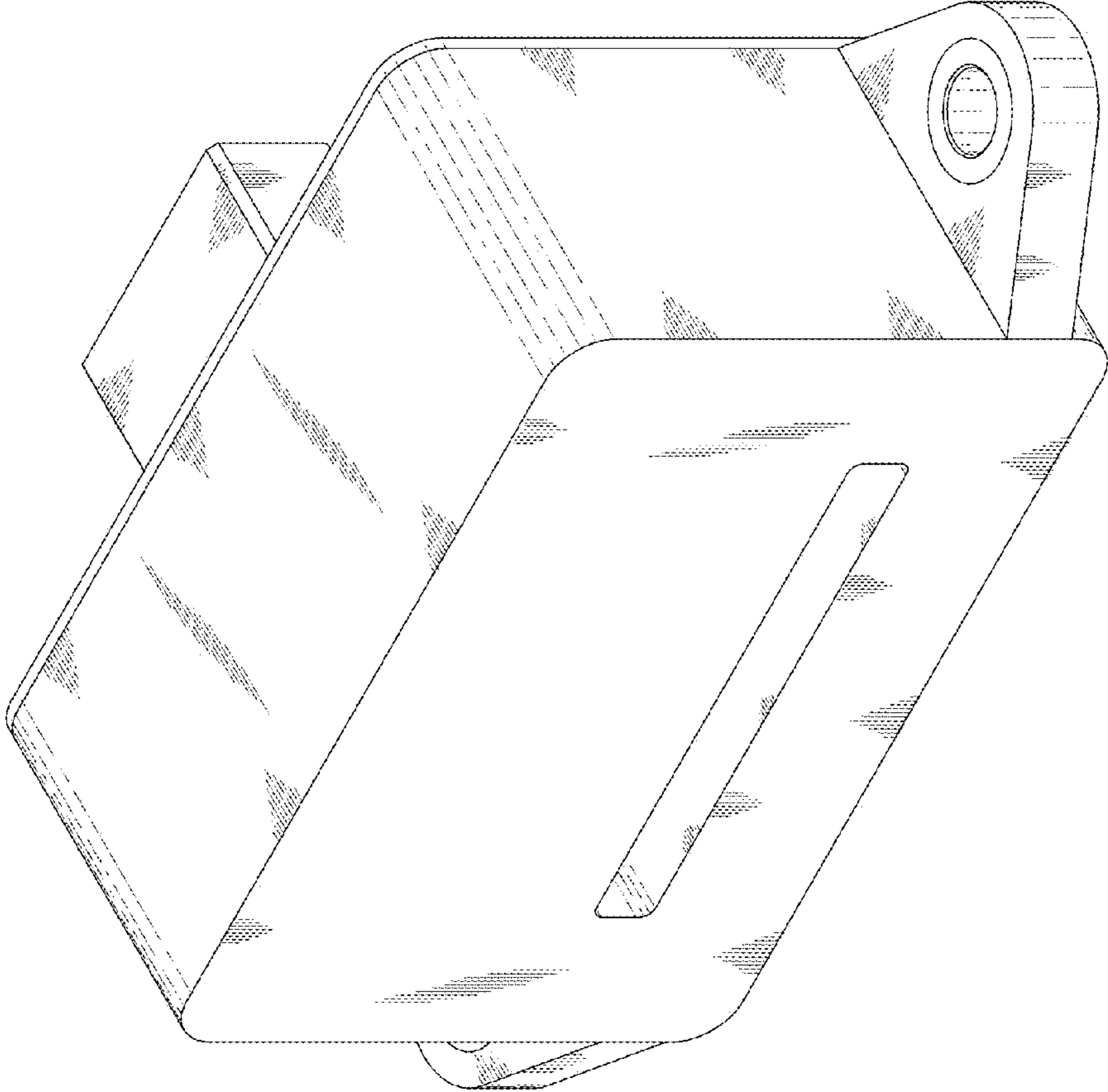


FIG.18

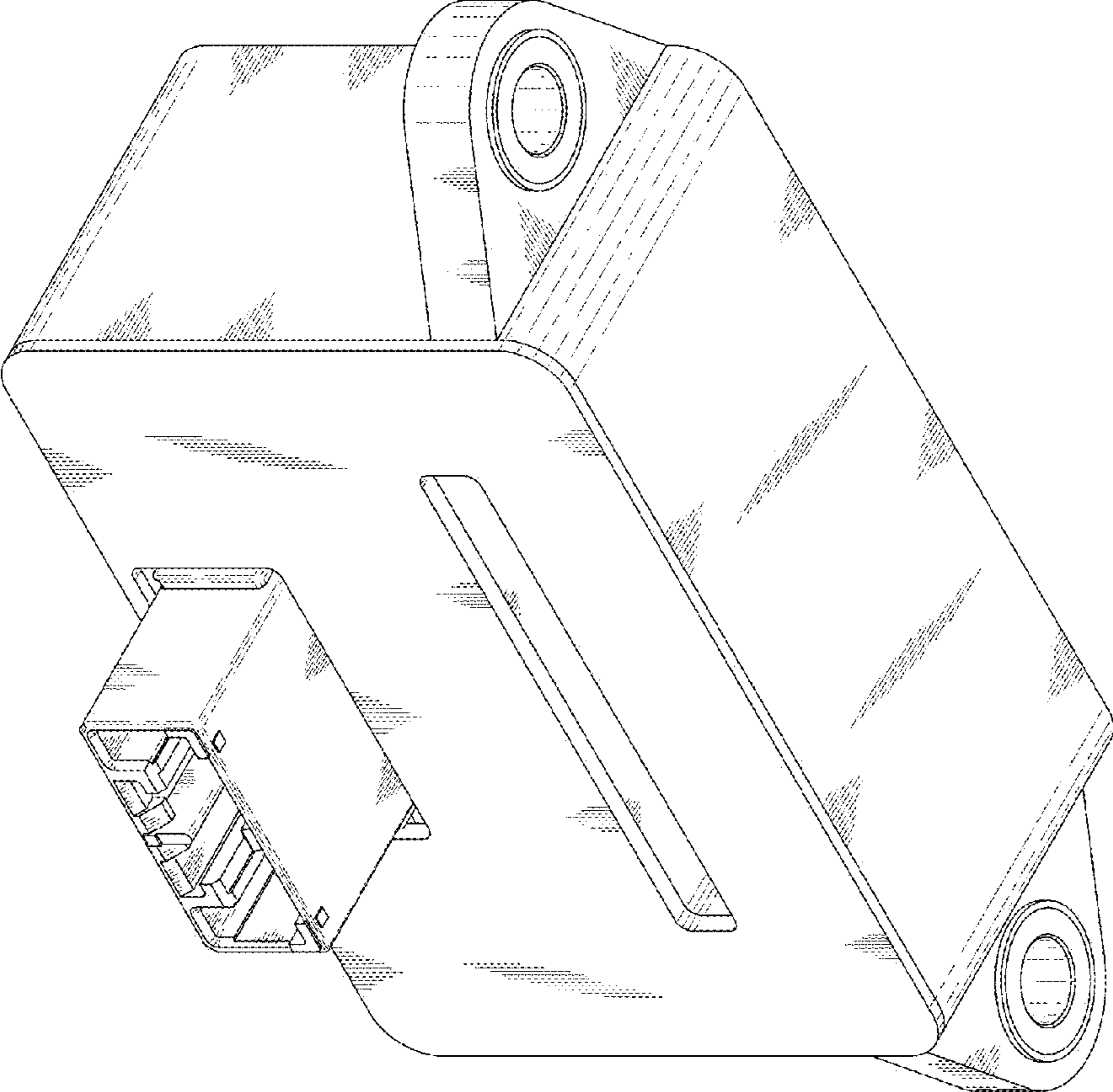


FIG.19

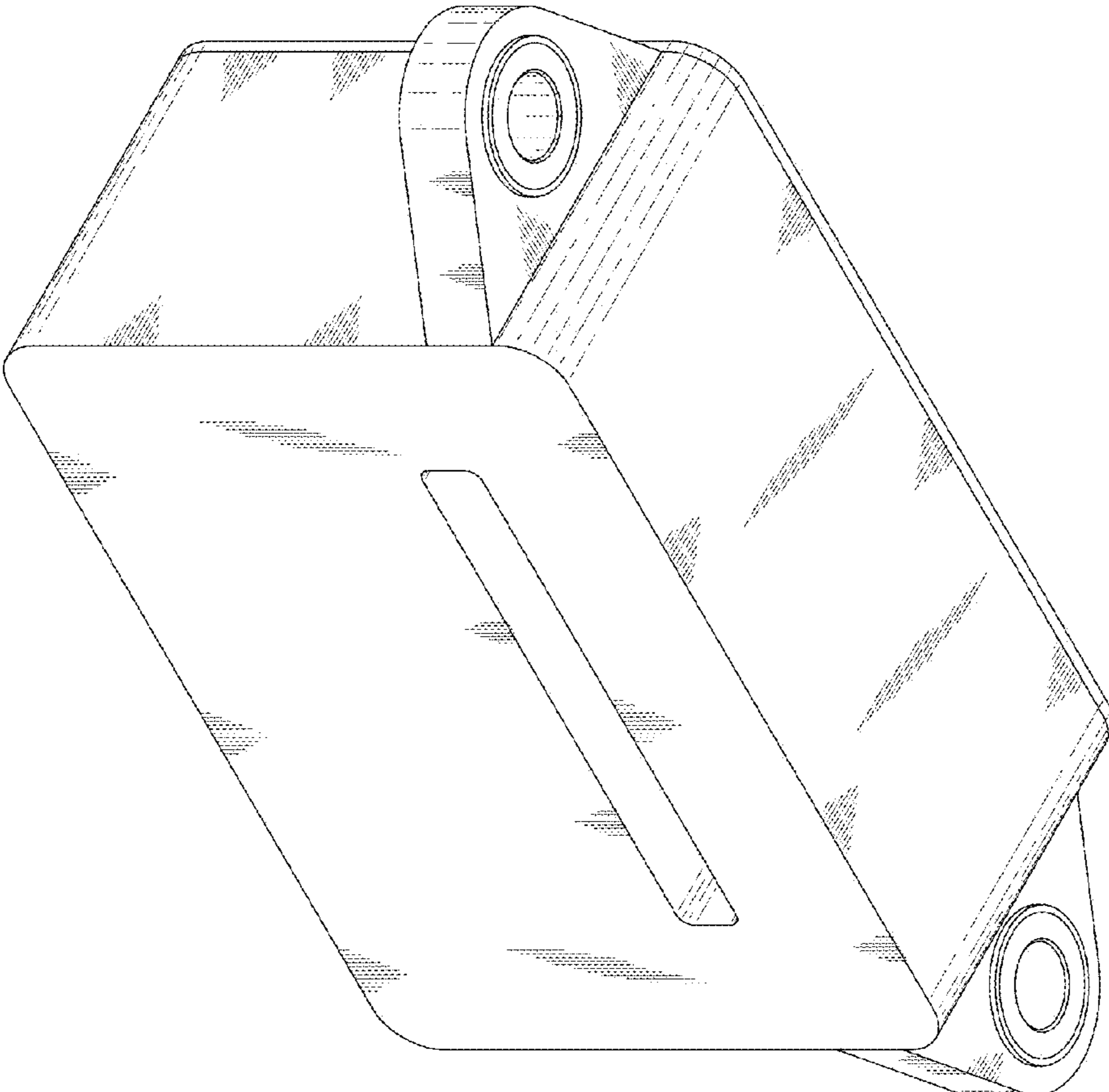


FIG.20