

US00D752762S

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

(10) **Patent No.:** **US D752,762 S**
(45) **Date of Patent:** **** Mar. 29, 2016**

(54) **EXTERNAL TRANSMIT MODULATOR FOR AN IMPLANTABLE NEURAL STIMULATOR**

(71) Applicant: **Micron Devices LLC**, Miami Beach, FL (US)

(72) Inventors: **Laura Tyler Perryman**, Miami Beach, FL (US); **Chad Andresen**, Miami Beach, FL (US); **Patrick Larson**, Surfside, FL (US)

(73) Assignee: **Micron Devices LLC**, Miami Beach, FL (US)

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

(21) Appl. No.: **29/498,784**

(22) Filed: **Aug. 7, 2014**

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/186**

(58) **Field of Classification Search**
USPC D24/185, 186, 187, 107, 108, 200;
607/2, 32, 48, 60, 119; D14/230, 238
CPC A61N 1/37211; A61N 1/37229; A61N
1/37235

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D255,938 S * 7/1980 Hawke D24/187
D612,838 S * 3/2010 Piltonen D14/230

D643,026 S * 8/2011 Podduturi D14/238
2005/0075692 A1 * 4/2005 Schommer A61N 1/37229
607/60
2010/0168818 A1 * 7/2010 Barror A61N 1/37229
607/60
2014/0180365 A1 * 6/2014 Perryman A61N 1/37229
607/60
2014/0266935 A1 * 9/2014 Tankiewicz H01Q 7/00
343/720
2014/0378853 A1 * 12/2014 McKinney A61B 5/02438
600/509

* cited by examiner

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

(57) **CLAIM**

The ornamental design for an external transmit modulator for an implantable neural stimulator, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an external transmit modulator for an implantable neural stimulator implementation of the present invention;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

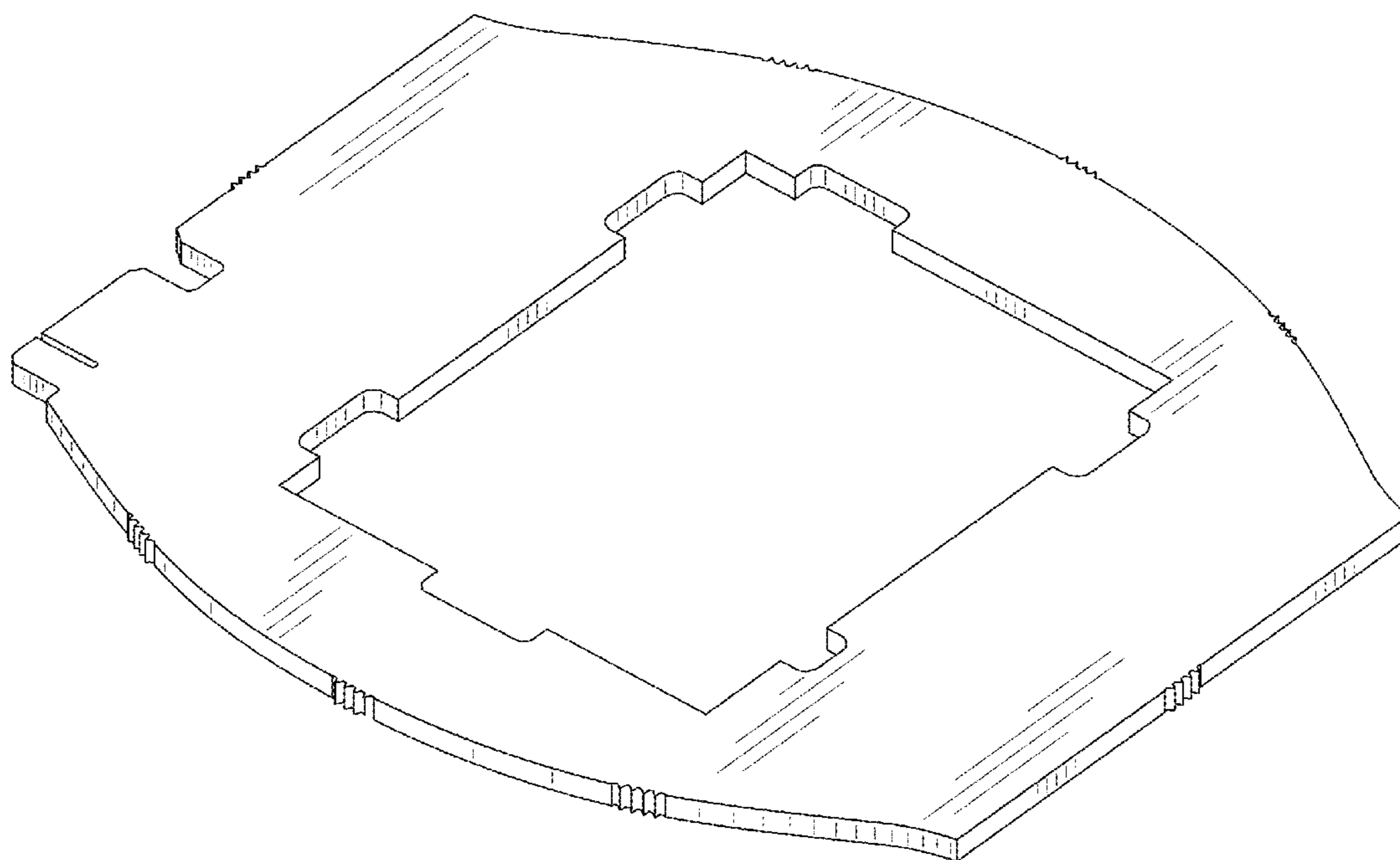
FIG. 4 is a right side view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



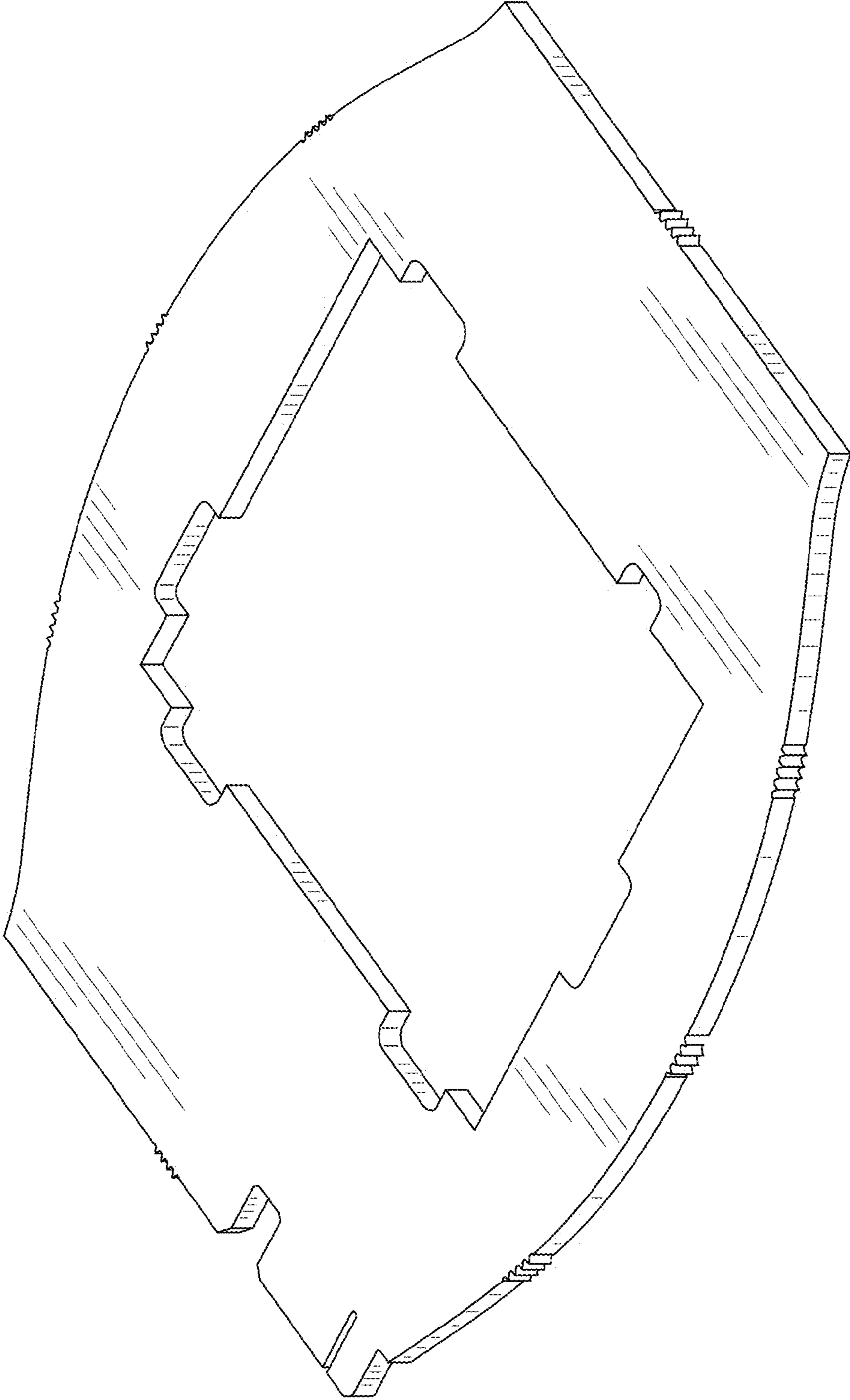


FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5

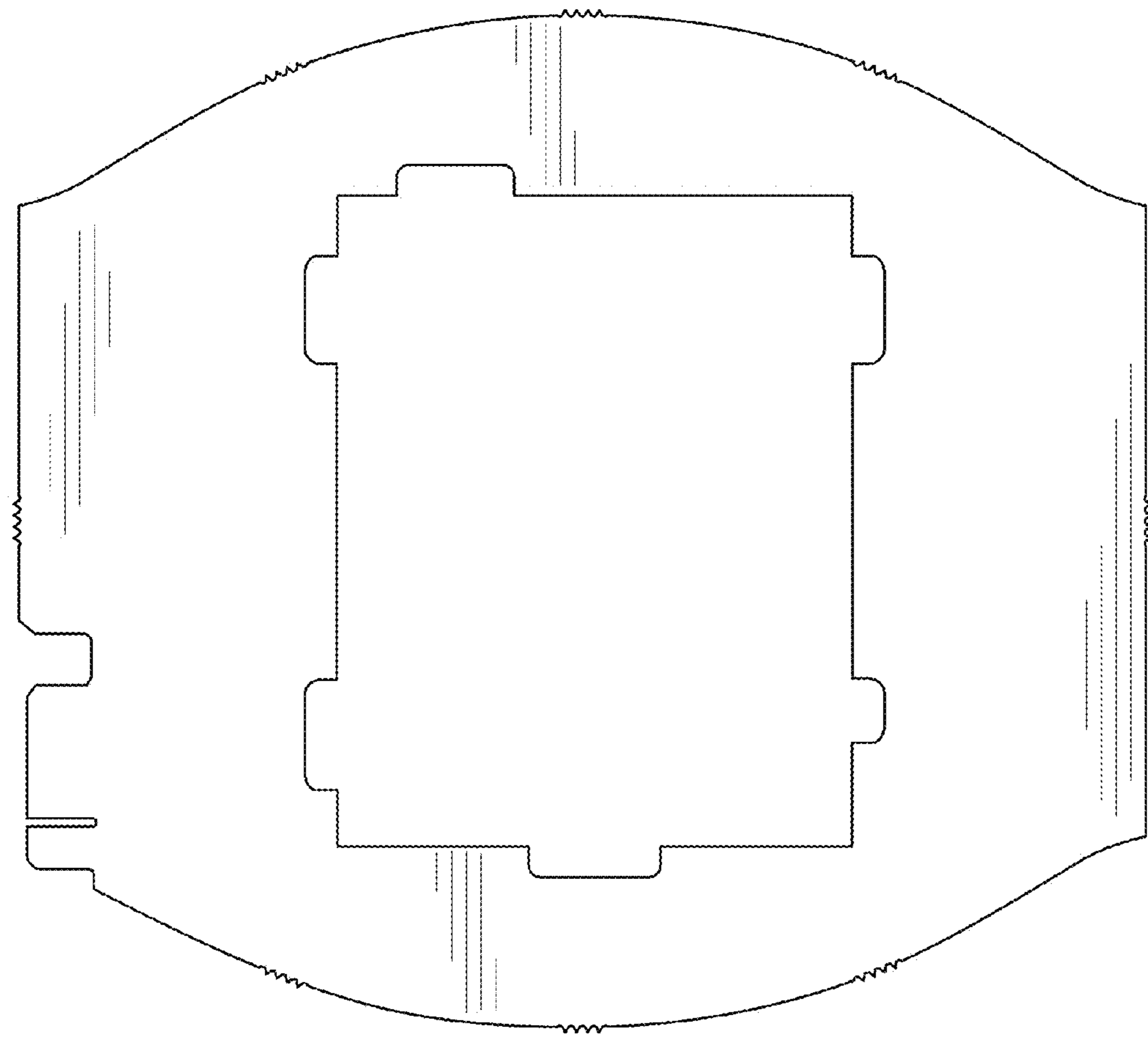


FIG. 6

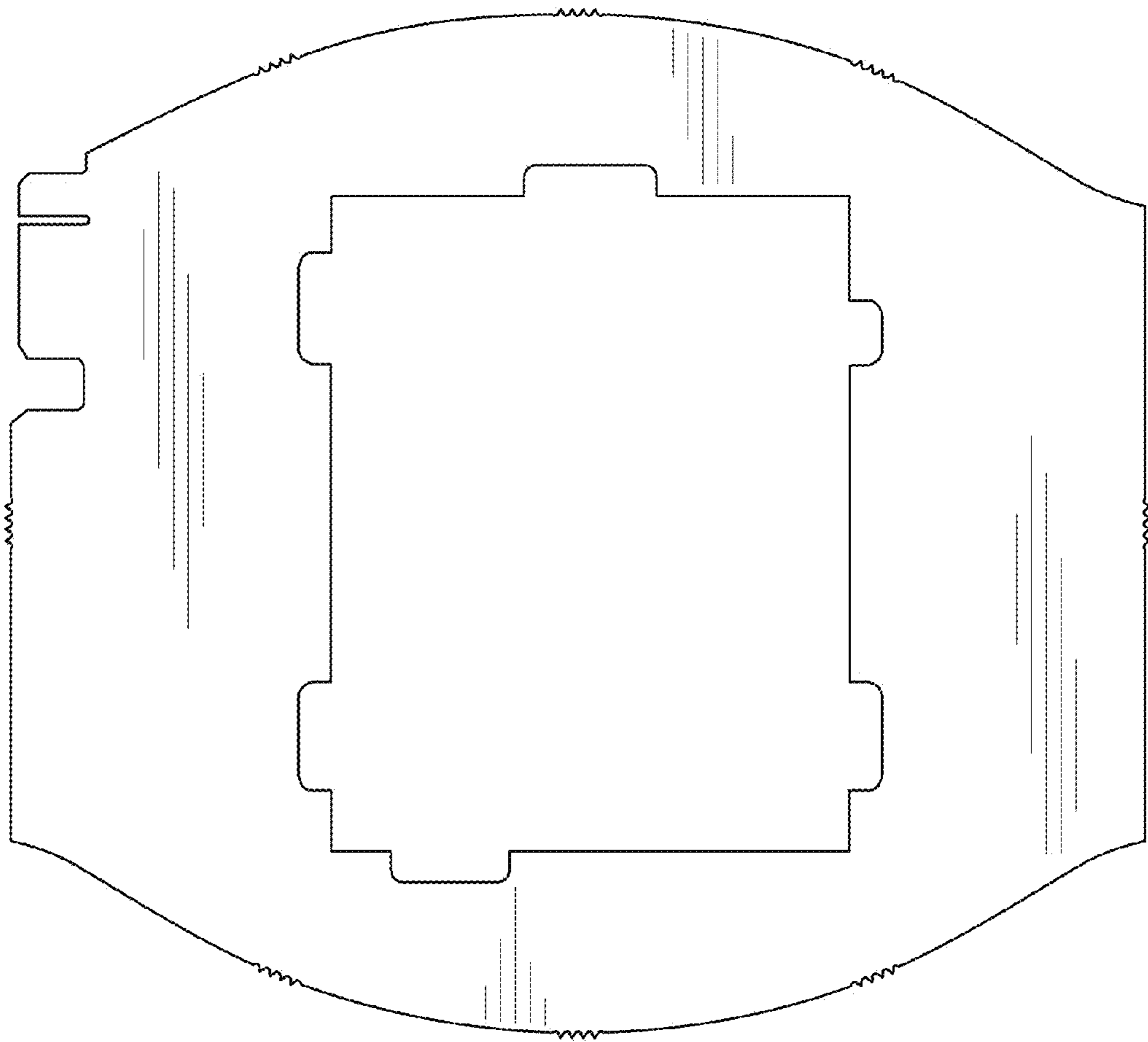


FIG. 7