



US00D610028S

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

(10) **Patent No.:** **US D610,028 S**
(45) **Date of Patent:** **** Feb. 16, 2010**

(54) **INERTIAL SENSOR**

2008/0143675 A1* 6/2008 Hsieh et al. 345/158
2008/0236279 A1* 10/2008 Matsuhisa 73/504.12

(75) Inventor: **Kazuo Toda**, Tokyo (JP)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **Japan MEMS Co., Ltd.**, Tokyo (JP)

JP D2007-24341 9/2007
JP D1310053 9/2007

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

* cited by examiner

(21) Appl. No.: **29/301,562**

Primary Examiner—Antoine D Davis

(22) Filed: **Mar. 6, 2008**

(74) *Attorney, Agent, or Firm*—Porzio, Bromberg & Newman, P.C.

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Sep. 6, 2007 (JP) D2007-24341

I claim, the ornamental design for an inertial sensor, as shown and described.

(51) **LOC (9) Cl.** **10-04**

(52) **U.S. Cl.** **D10/65; D10/74**

(58) **Field of Classification Search** D10/65,
D10/74; 56/10.2 J; 73/493, 497, 510, 504.12,
73/504.15, 514.04, 514.29; 244/3.16, 118.1;
248/638; 460/2, 3

See application file for complete search history.

DESCRIPTION

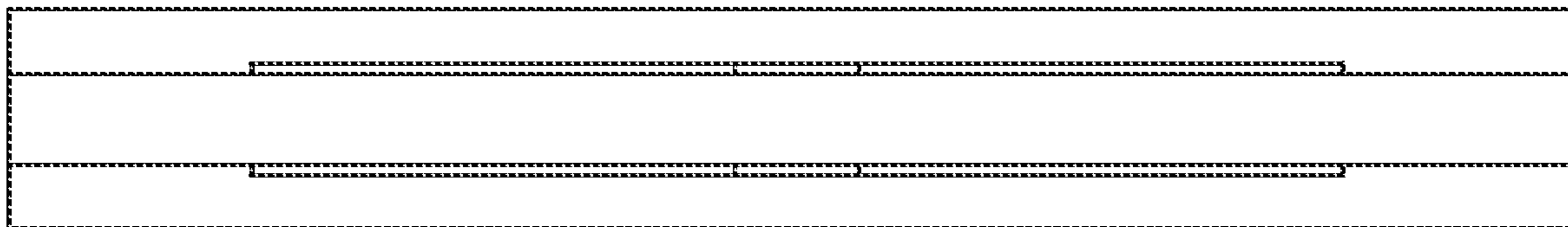
FIG. 1 is a front elevational view, showing my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a perspective view thereof; and,
FIG. 8 is a cross-sectional view drawn along line 5—5 of FIG. 5.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,880,368 A * 3/1999 FitzPatrick 73/493
6,796,176 B2 * 9/2004 Featonby et al. 73/497
7,267,004 B2 * 9/2007 Leverrier et al. 73/504.12
2005/0081630 A1 * 4/2005 Leverrier et al. 73/504.12
2007/0131030 A1 * 6/2007 Jeong et al. 73/504.12

1 Claim, 8 Drawing Sheets



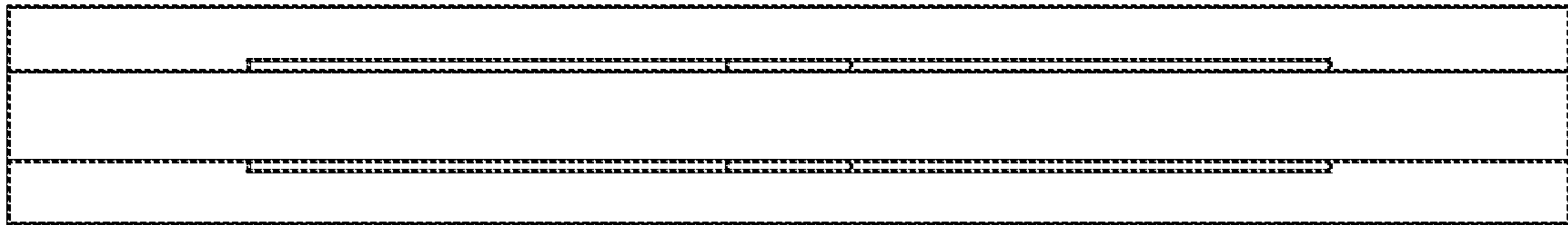


FIG. 1

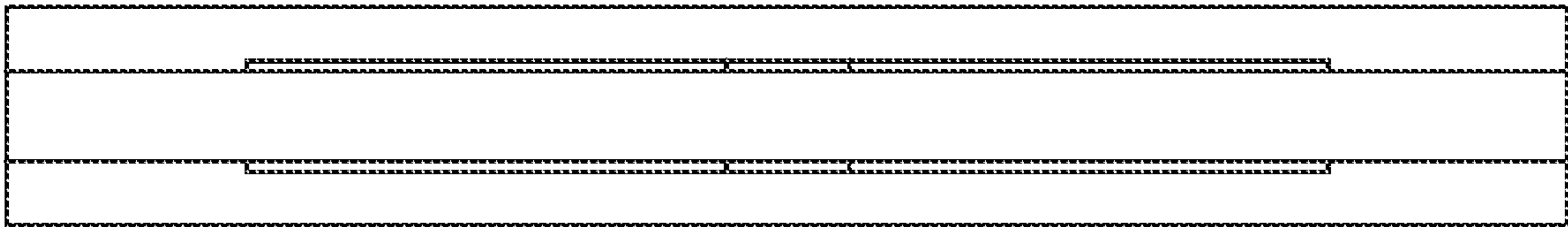


FIG. 2

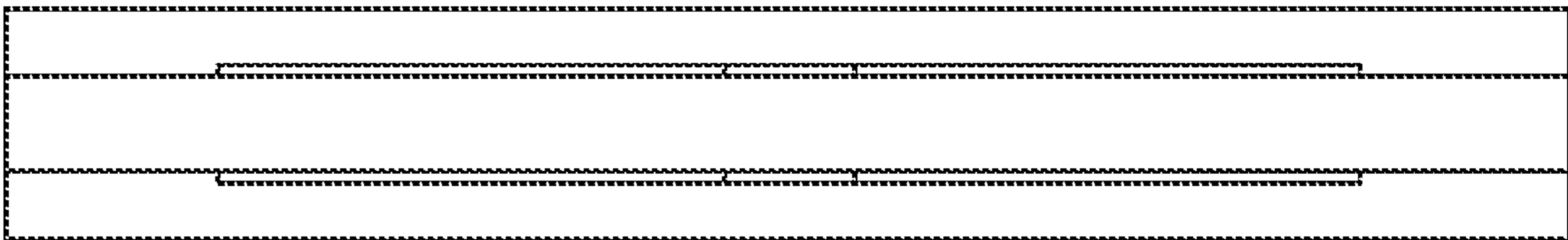


FIG. 3

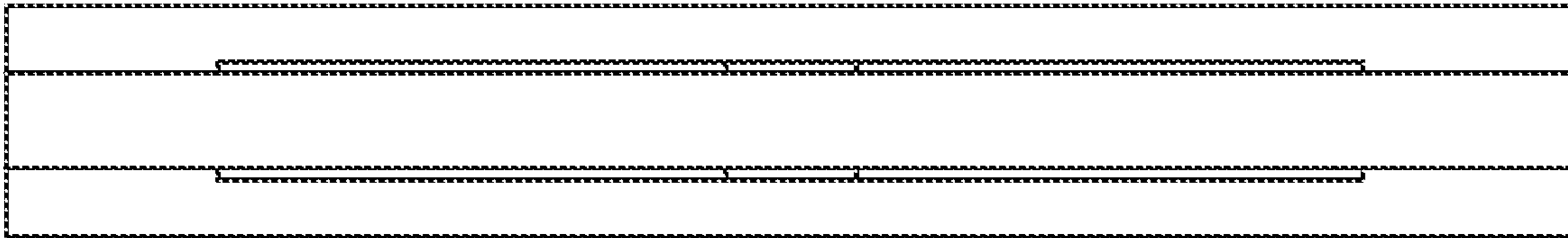


FIG. 4

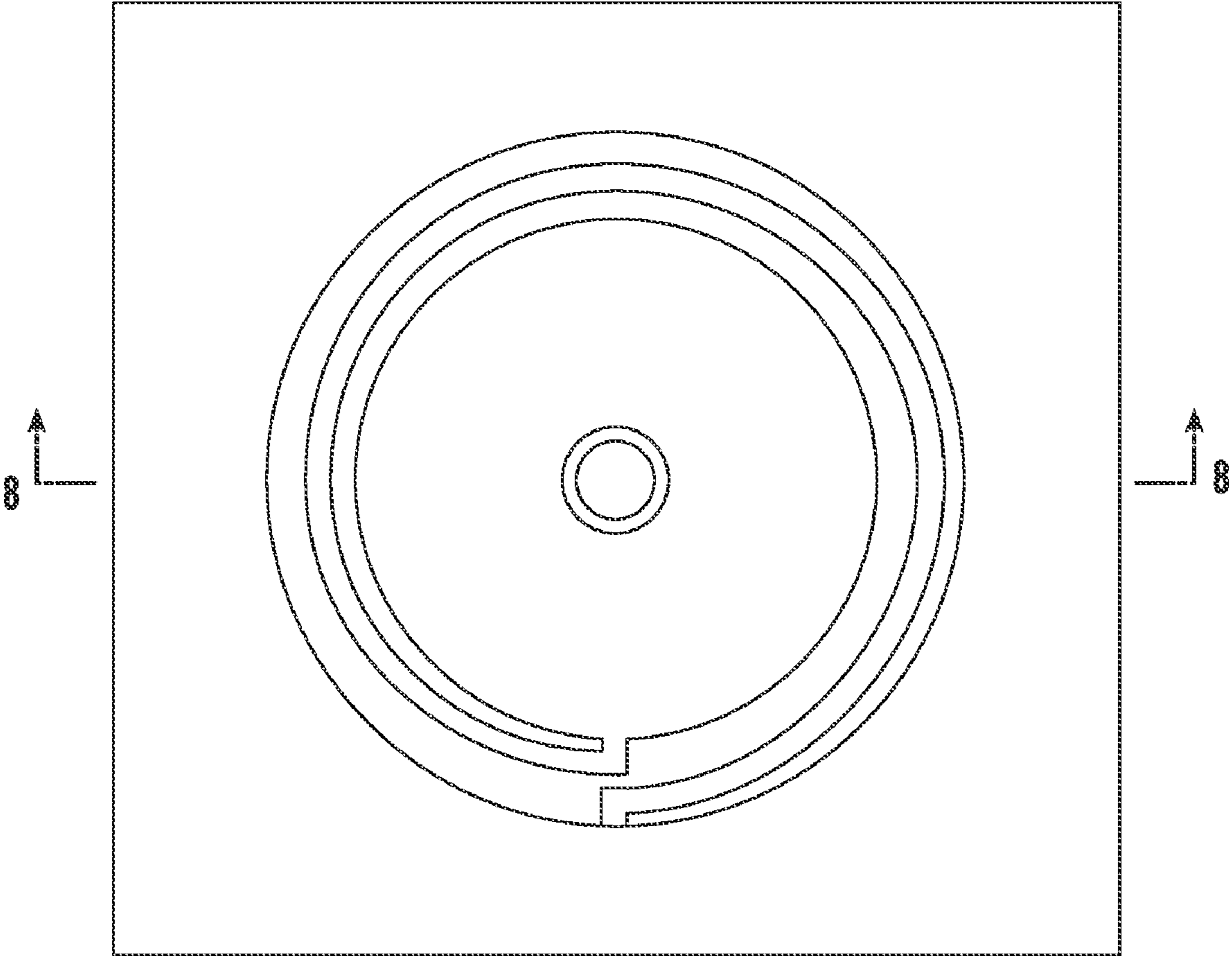


FIG. 5

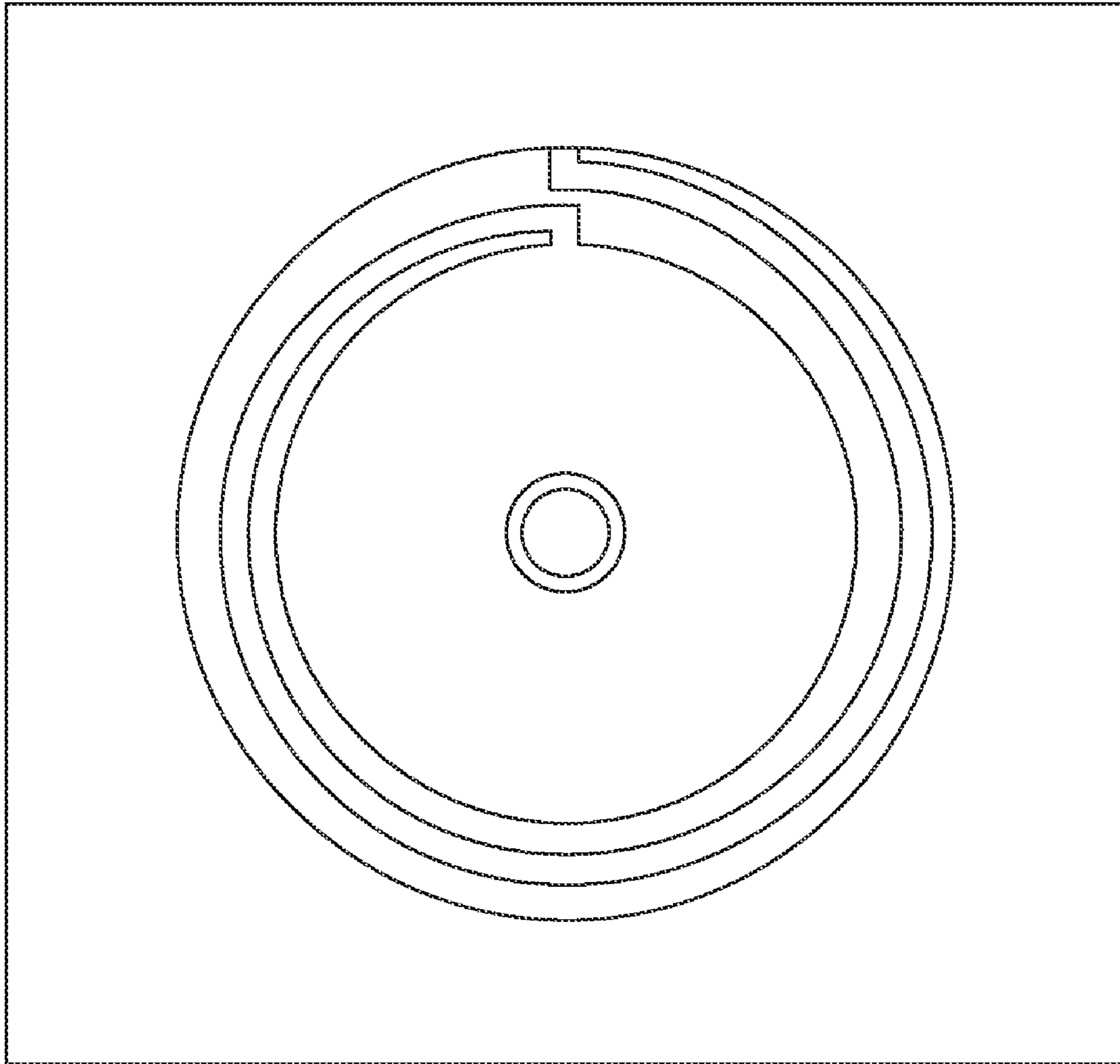


FIG. 6

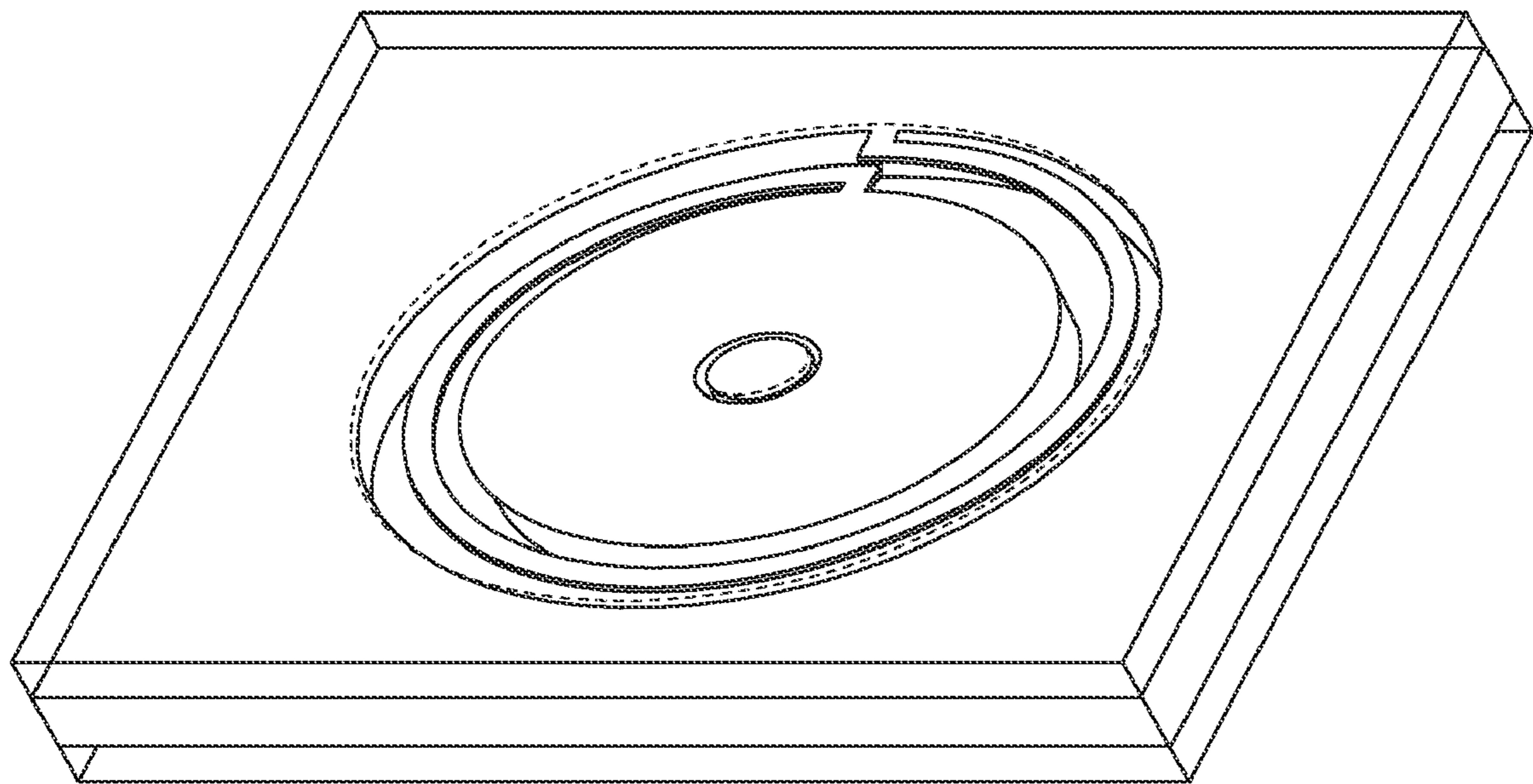


FIG. 7

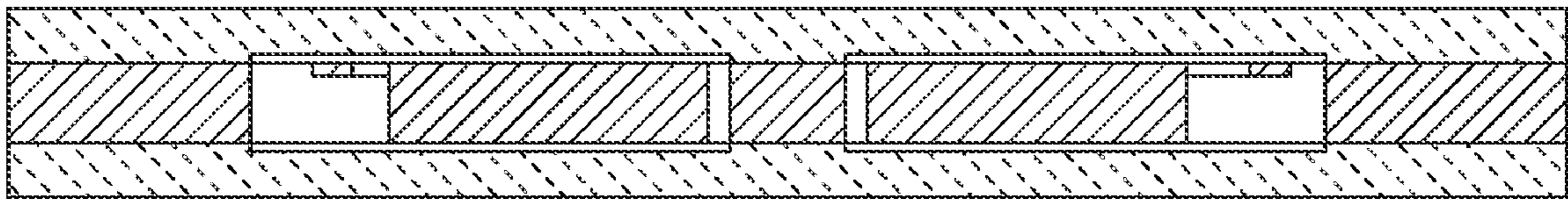


FIG. 8