



US00D887538S

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

(10) **Patent No.:** **US D887,538 S**
(45) **Date of Patent:** **** Jun. 16, 2020**

(54) **WATER HEATER INSERT**

(71) Applicant: **ECONOMICO, LLC**, Boynton Beach, FL (US)

(72) Inventor: **Christopher Emery**, Boynton Beach, FL (US)

(73) Assignee: **ECONOMICO, LLC**, Boynton Beach, FL (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/655,500**

(22) Filed: **Jul. 3, 2018**

(51) **LOC (12) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/322**

(58) **Field of Classification Search**
USPC D23/314, 315, 316, 318, 319, 320, 321, D23/322, 323
CPC A47J 31/542; F24H 1/16; F24H 9/2028
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D532,499 S *	11/2006	Nakagawa	D23/323
D826,485 S *	8/2018	Maher	D30/199
2010/0092163 A1 *	4/2010	Yeung	F24H 1/106 392/441
2011/0259203 A1 *	10/2011	Mograbi	A47J 31/46 99/288

(Continued)

Primary Examiner — T Chase Nelson

Assistant Examiner — Ania Aman

(74) *Attorney, Agent, or Firm* — Golab Intellectual Property; Mario Sergio Golab

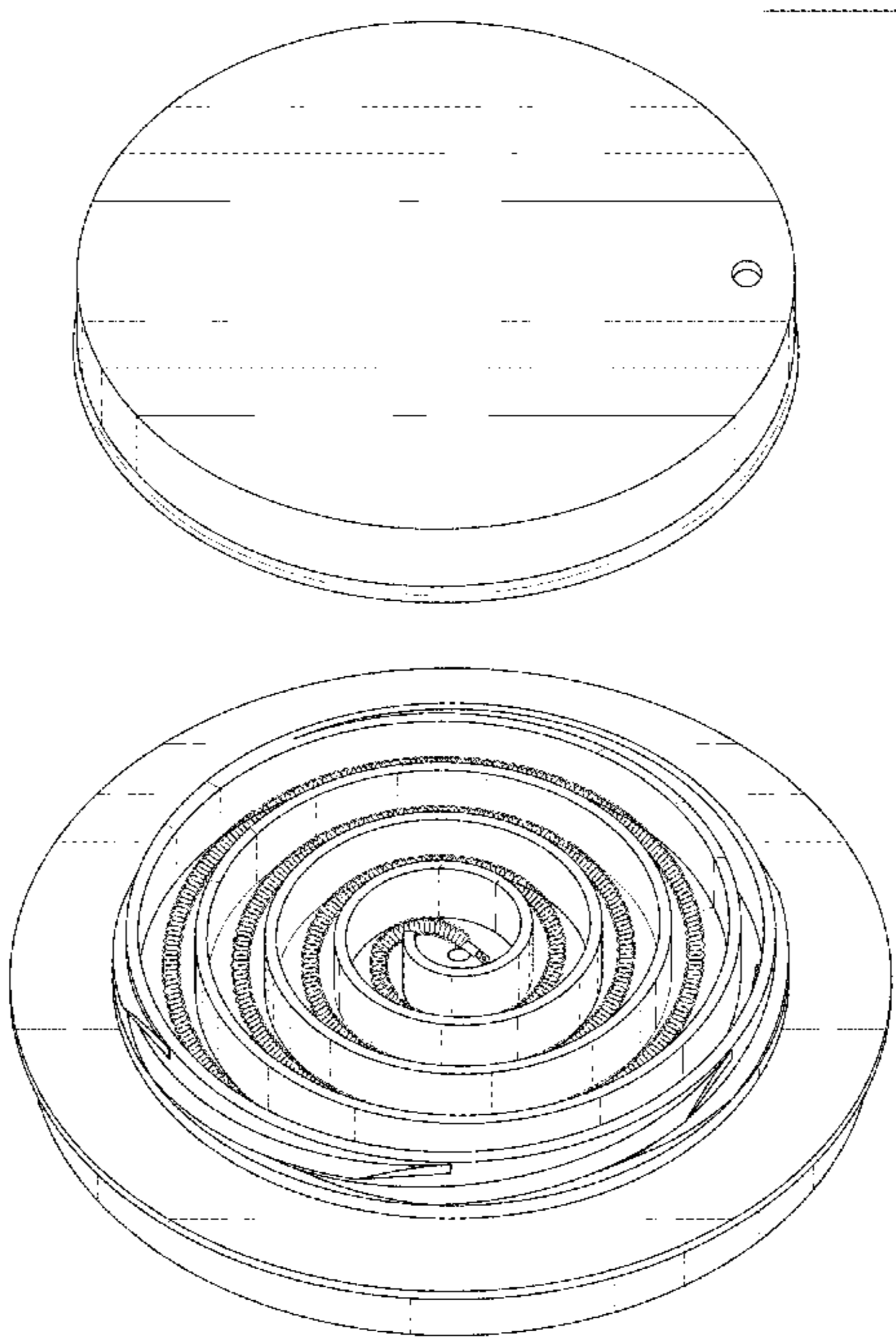
(57) **CLAIM**

The ornamental design for a water heater insert, as shown and described.

DESCRIPTION

FIG. 1 is a top view of the water heater insert assembly; FIG. 2 is a bottom view of the water heater insert assembly; FIG. 3 is a front view of the water heater insert assembly; FIG. 4 is a rear view of the water heater insert assembly; FIG. 5 is a left side view of the water heater insert assembly; FIG. 6 is a right side view of the water heater insert assembly; FIG. 7 is a bottom perspective view of the water heater insert assembly; FIG. 8 is a bottom perspective view of the disassembled water heater insert comprising a base and a cover plate; FIG. 9 is a top view of the water heater insert base; FIG. 10 is a bottom view of the water heater insert base; FIG. 11 is a front view of the water heater insert base; FIG. 12 is a rear view of the water heater insert base; FIG. 13 is a left side view of the water heater insert base; FIG. 14 is a right side view of the water heater insert base; FIG. 15 is a bottom perspective view of the water heater insert base; FIG. 16 is a top view of the water heater insert cover plate; FIG. 17 is a bottom view of the water heater insert cover plate; FIG. 18 is a front view of the water heater insert cover plate; FIG. 19 is a rear view of the water heater insert cover plate; FIG. 20 is a left side view of the water heater insert cover plate; FIG. 21 is a right side view of the water heater insert cover plate; and, FIG. 22 is a top perspective view of the water heater insert cover plate.

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0055902 A1* 3/2013 Berto A47J 31/542
99/281
2013/0168379 A1* 7/2013 Deenen F24H 1/121
219/443.1
2018/0135279 A1* 5/2018 Liu F24H 9/2007
2019/0346175 A1* 11/2019 Hofer H05B 1/0283
2019/0372137 A1* 12/2019 Planque F24H 1/162

* cited by examiner

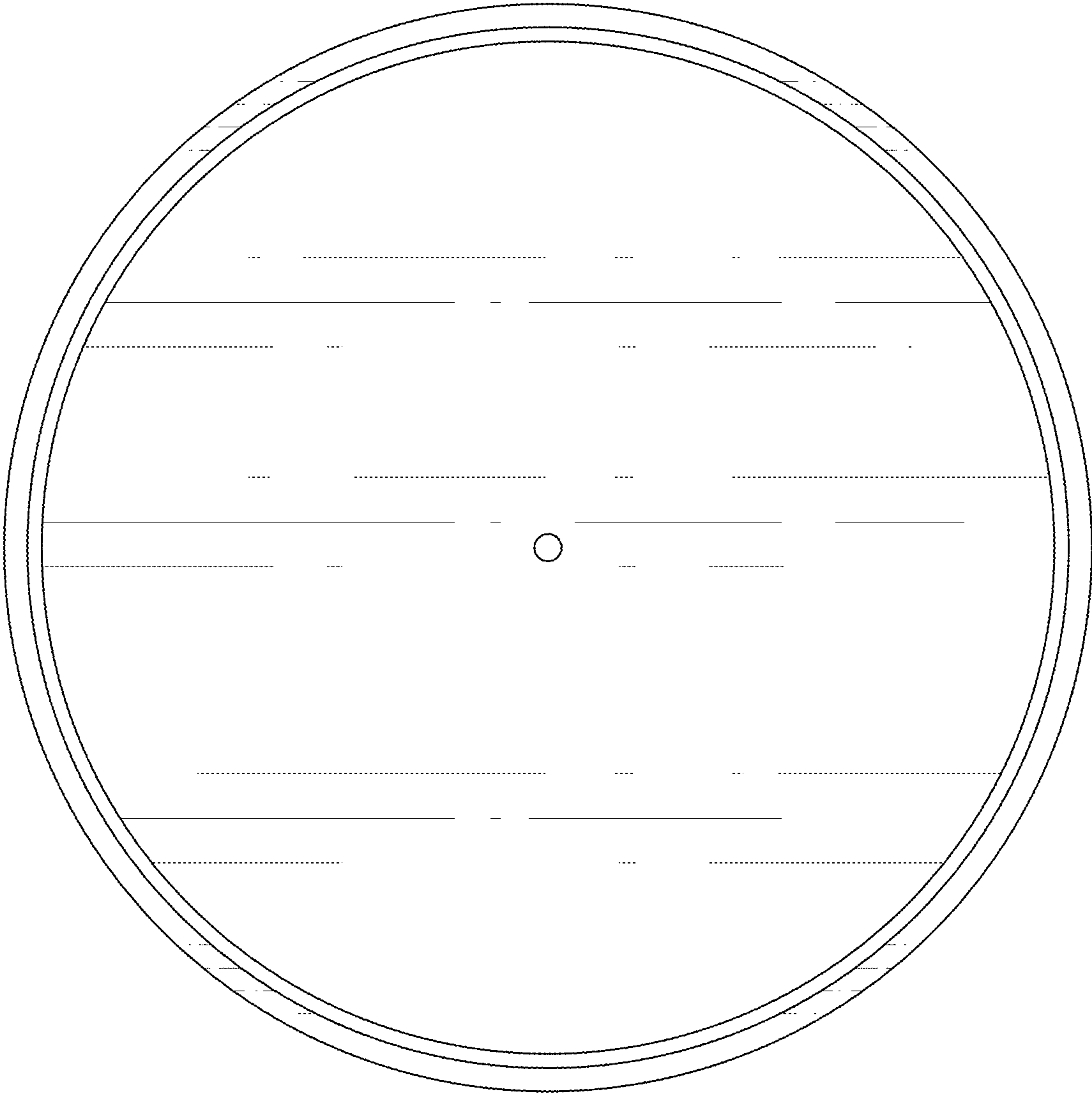


FIG. 1

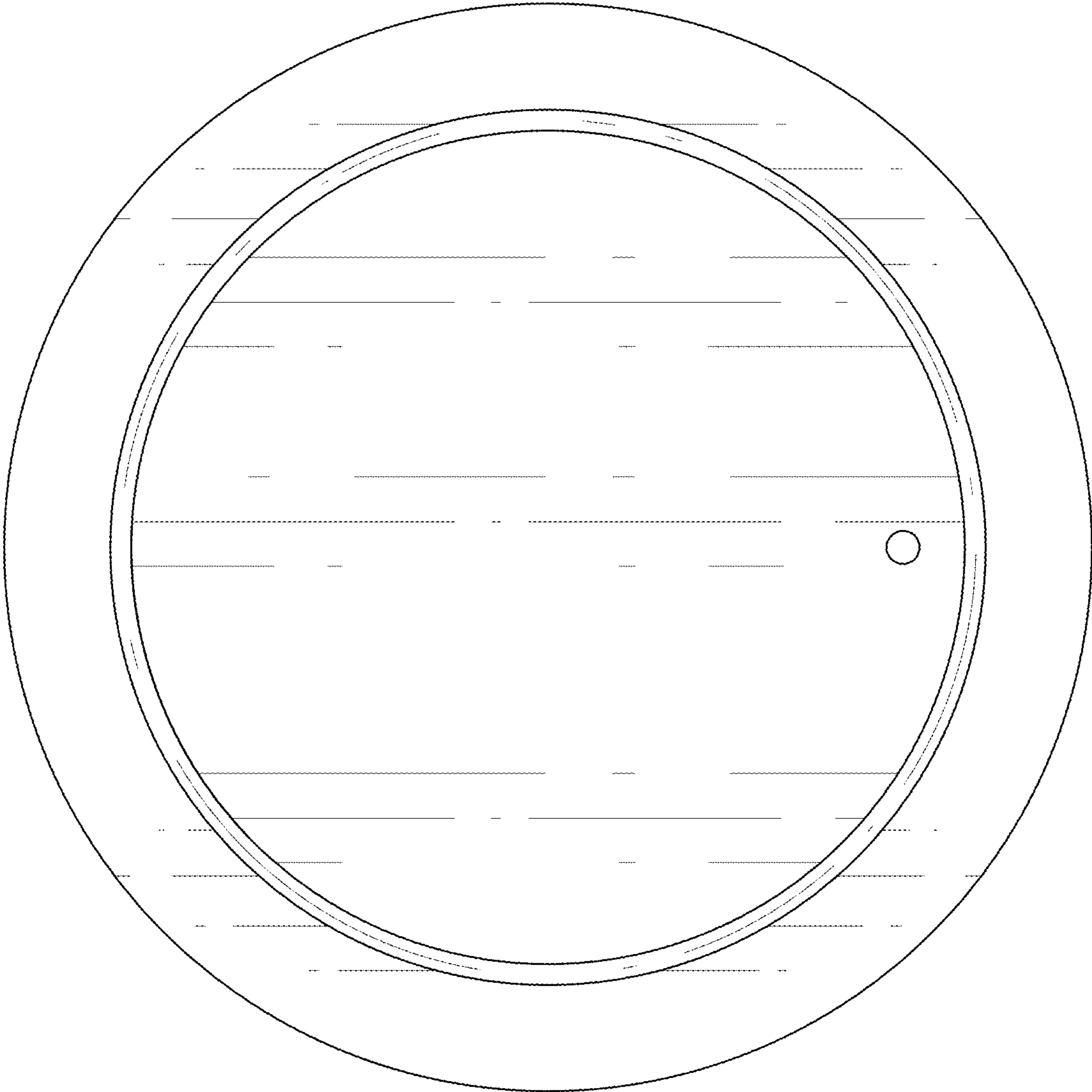


FIG. 2

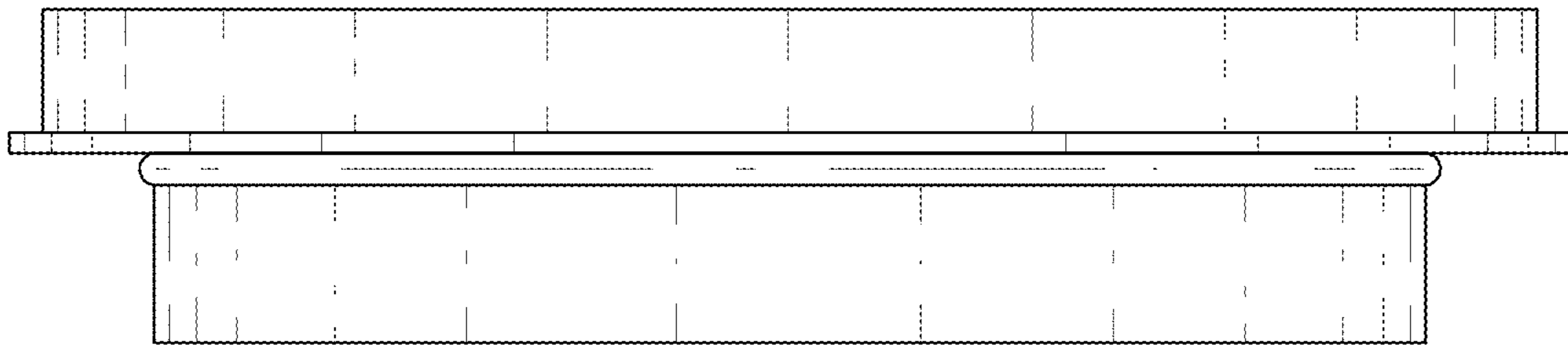


FIG. 3



FIG. 4

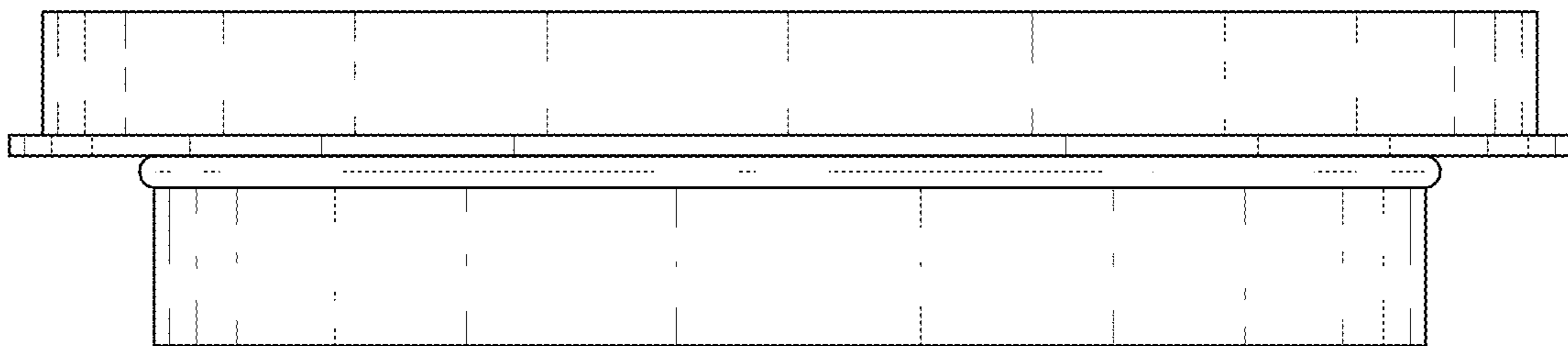


FIG. 5

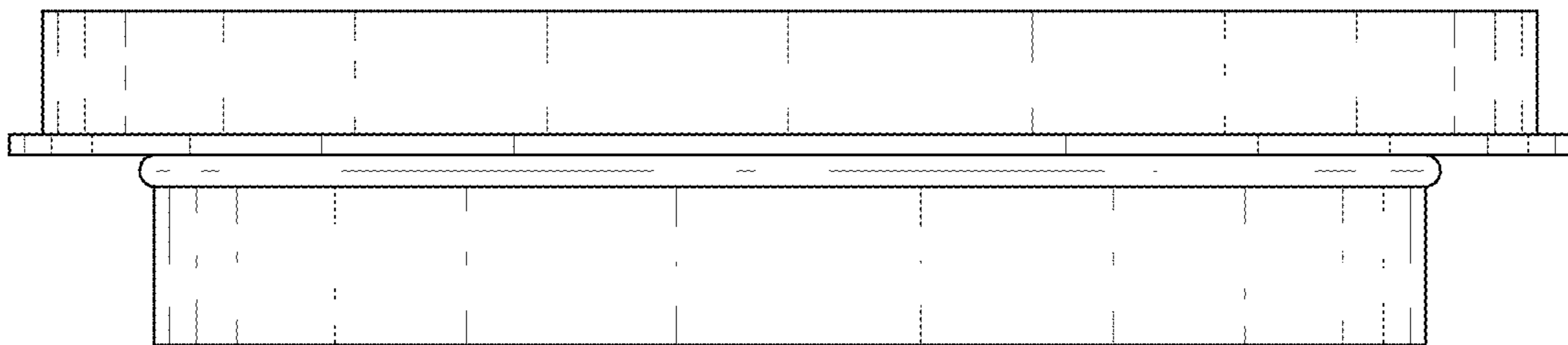


FIG. 6

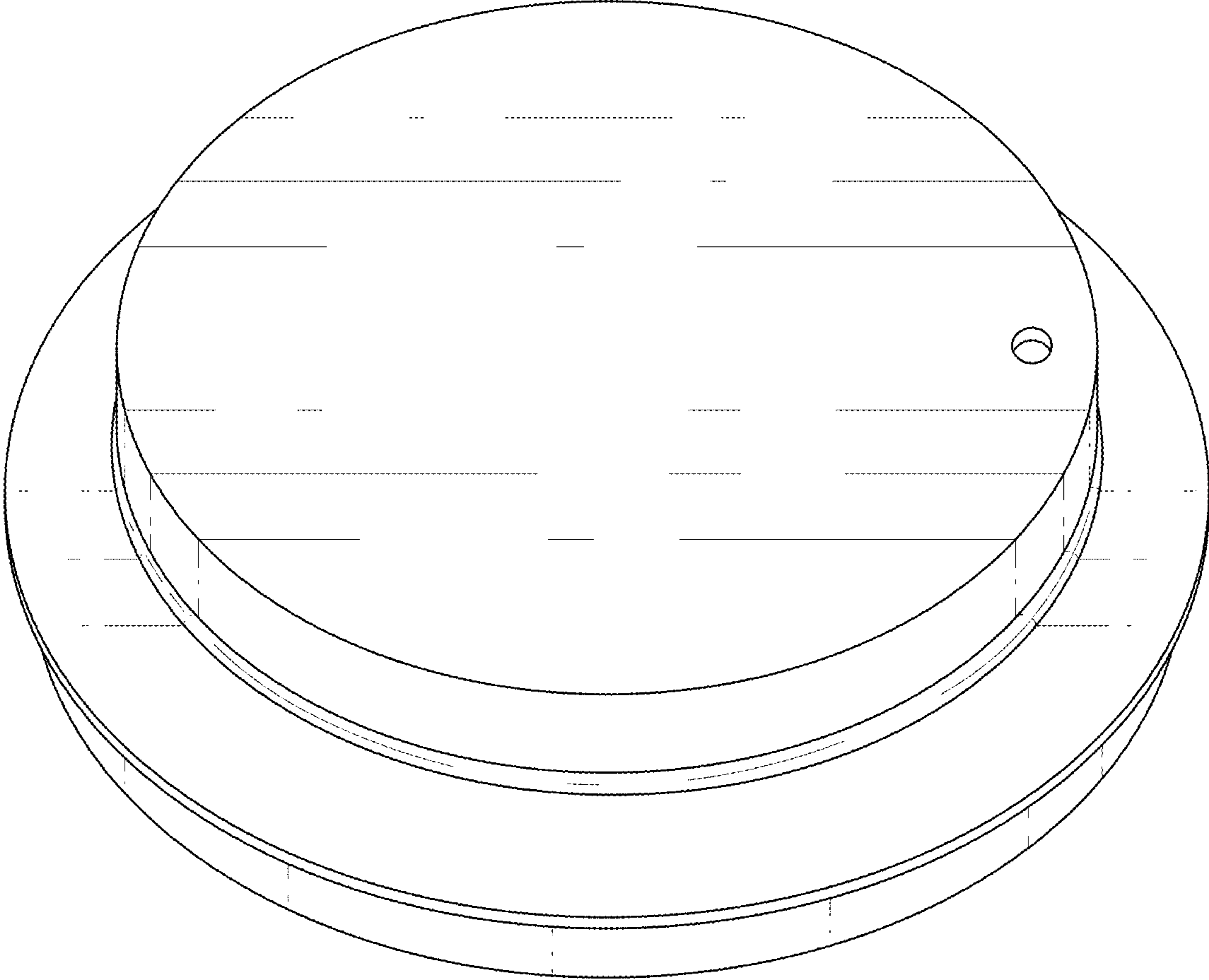


FIG. 7

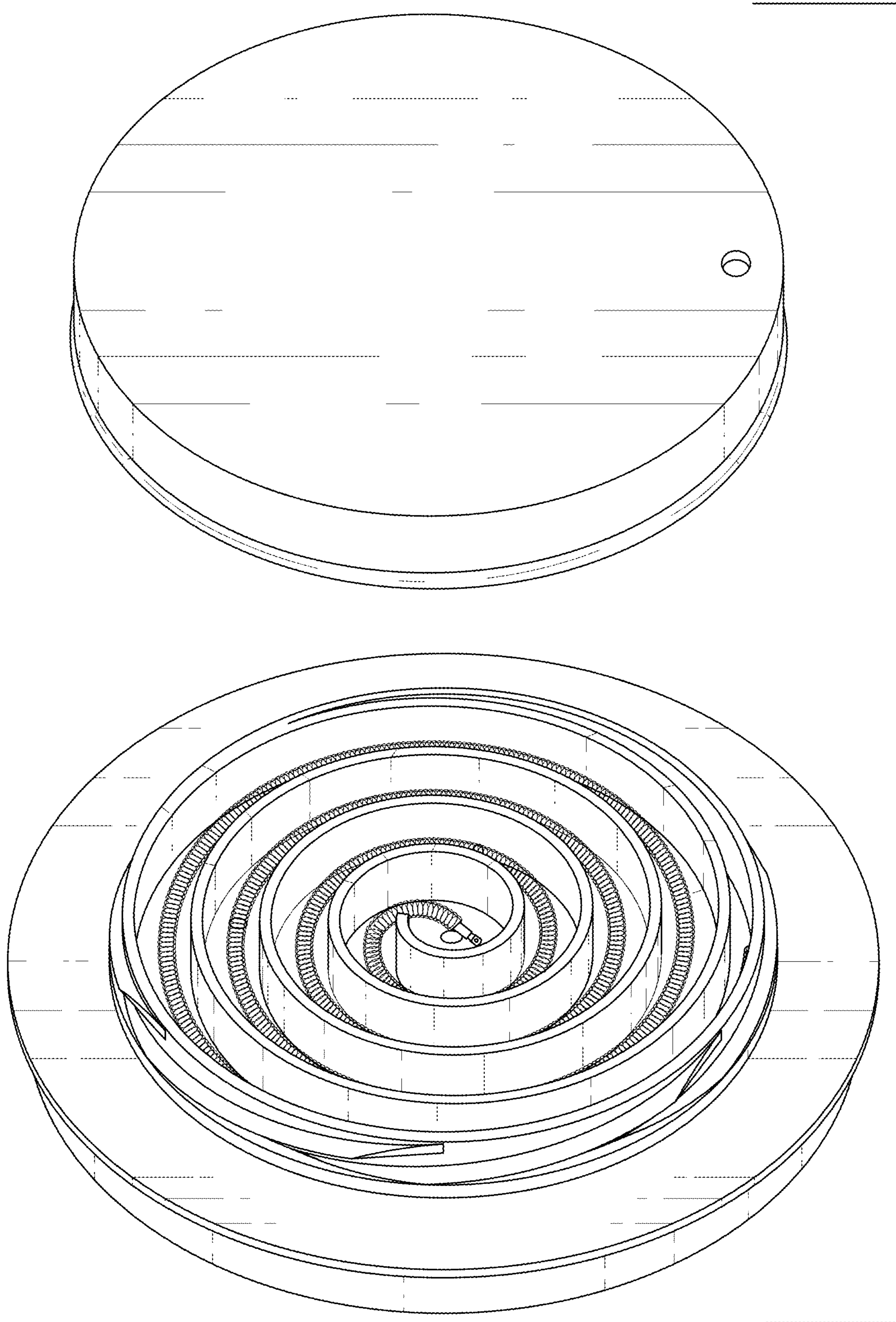


FIG. 8

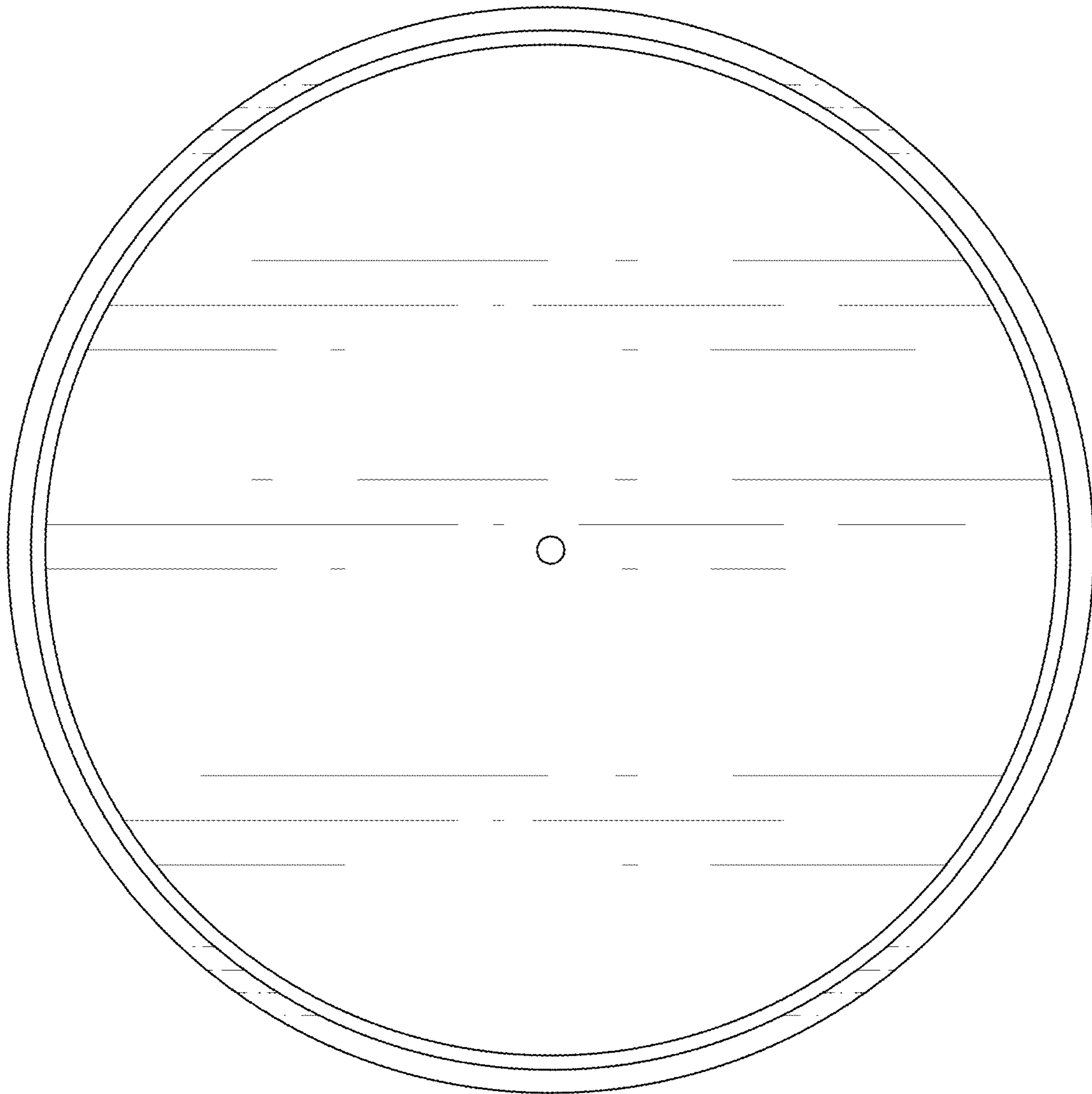


FIG. 9

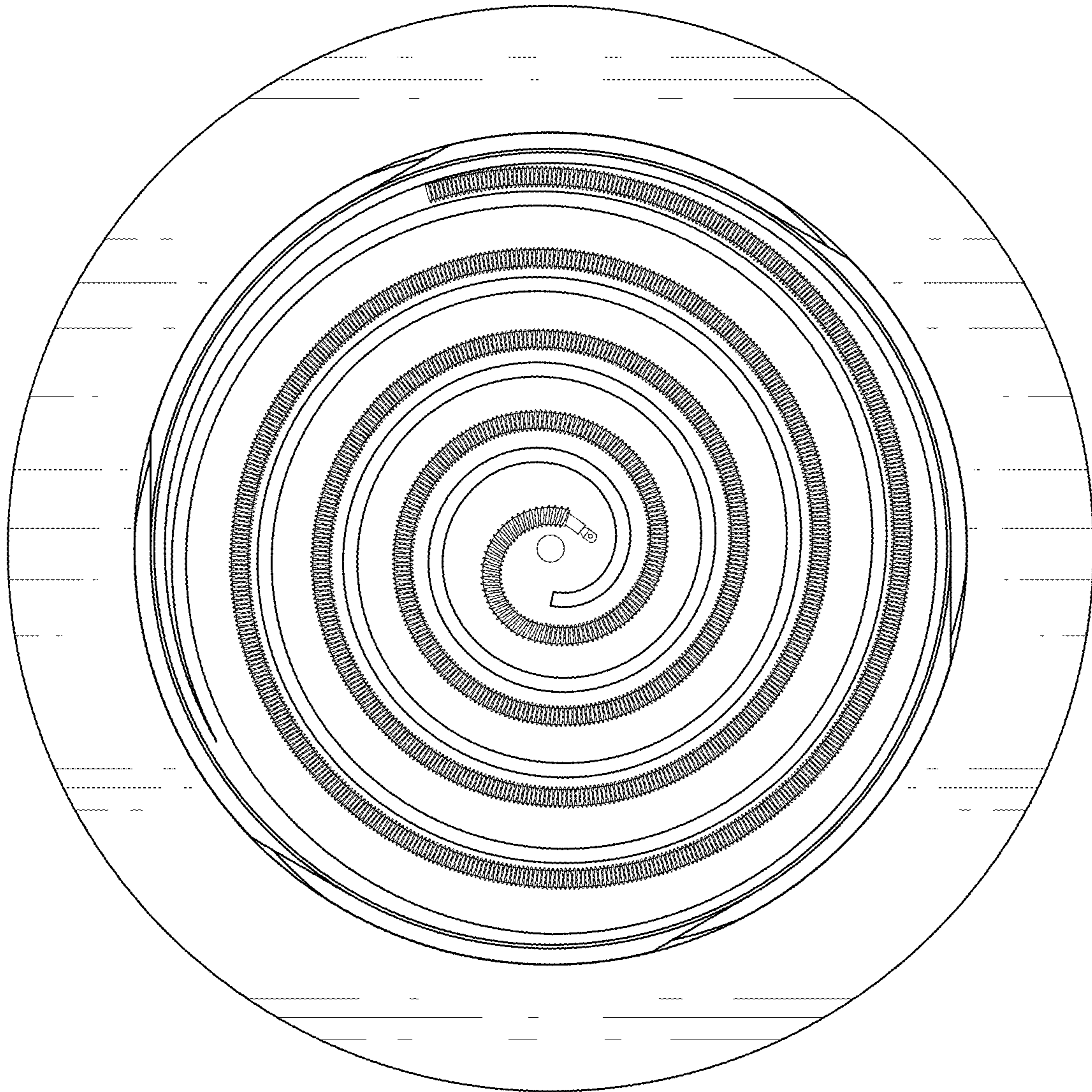


FIG. 10

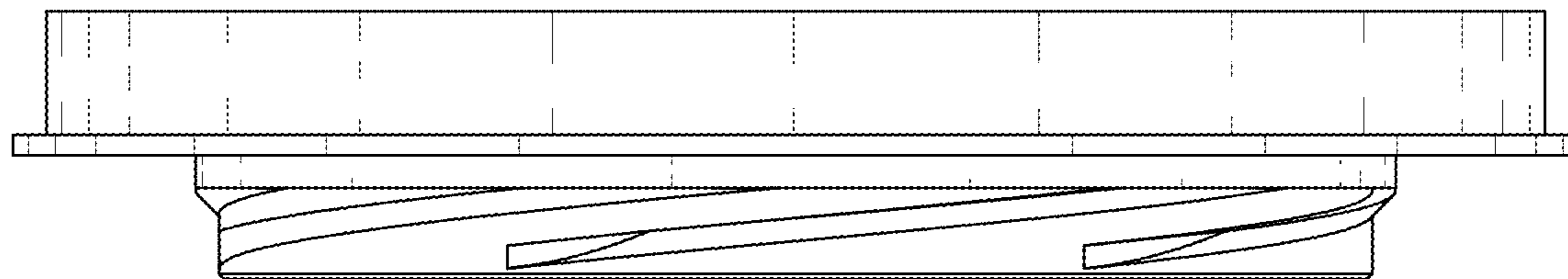


FIG. 11

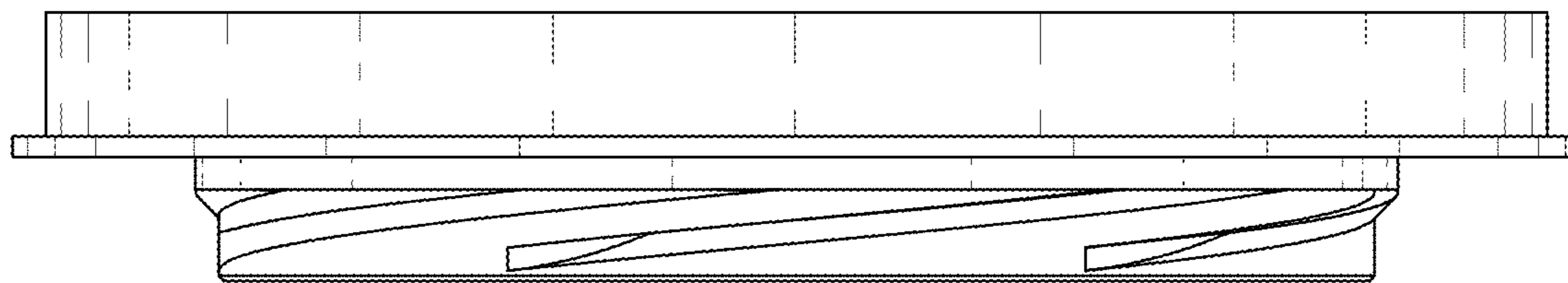


FIG. 12

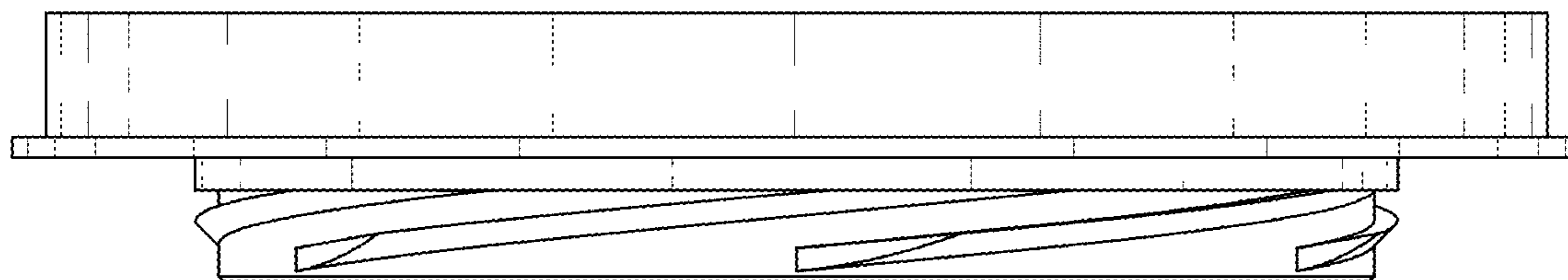


FIG. 13

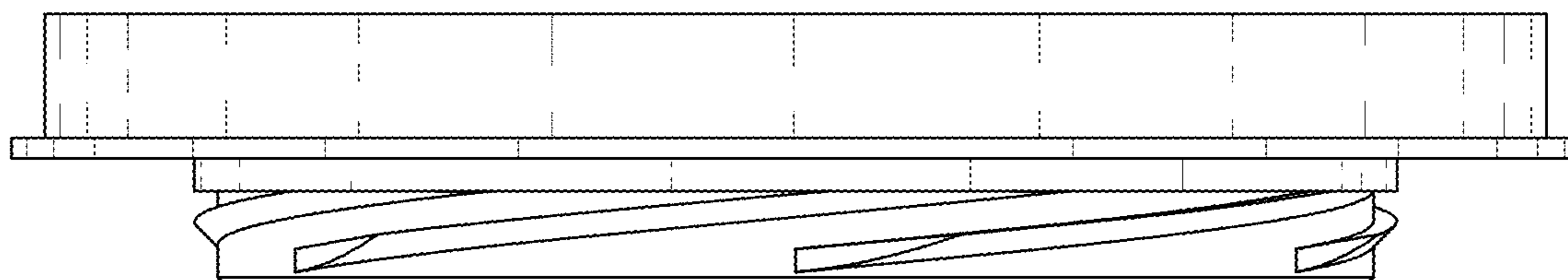


FIG. 14

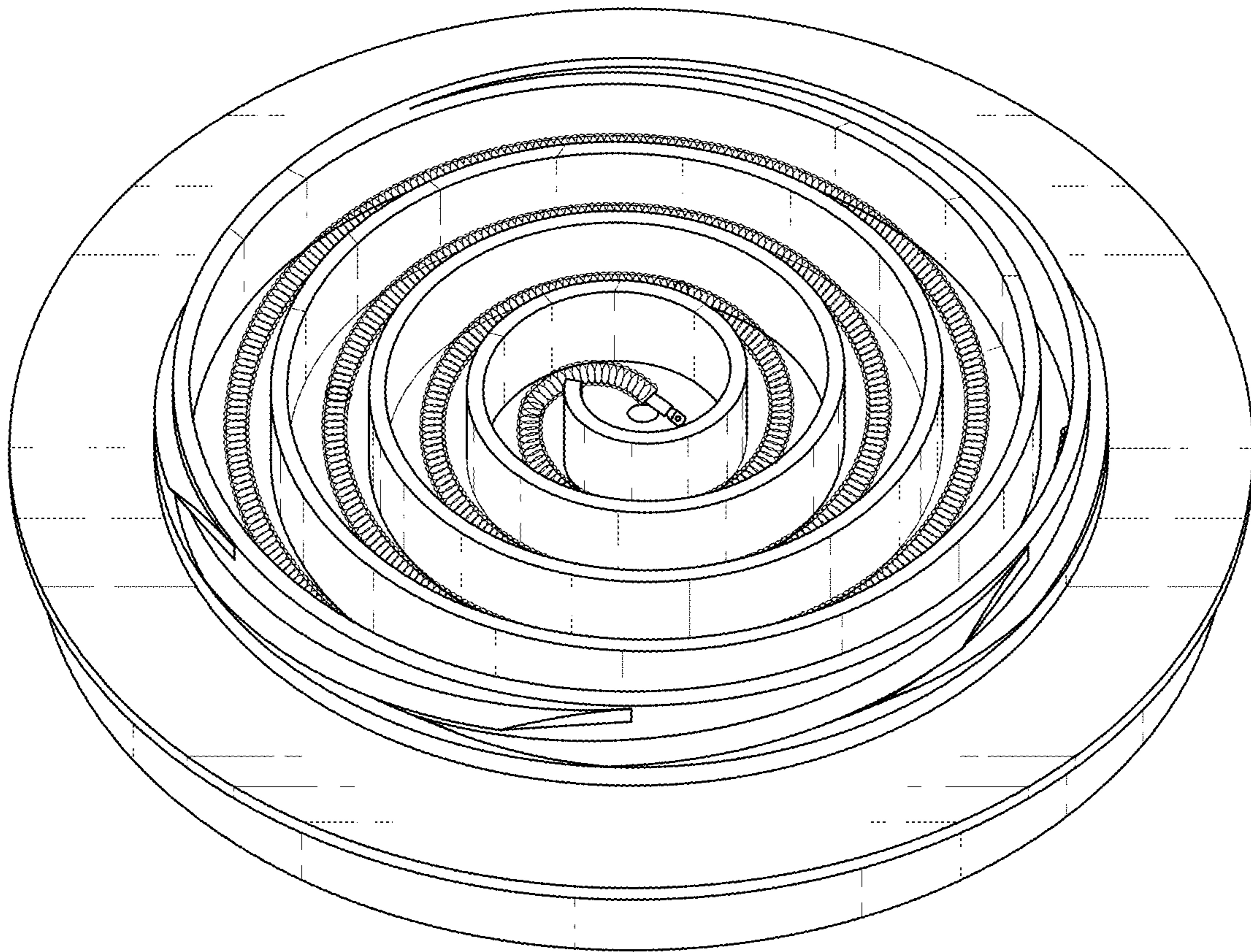


FIG. 15

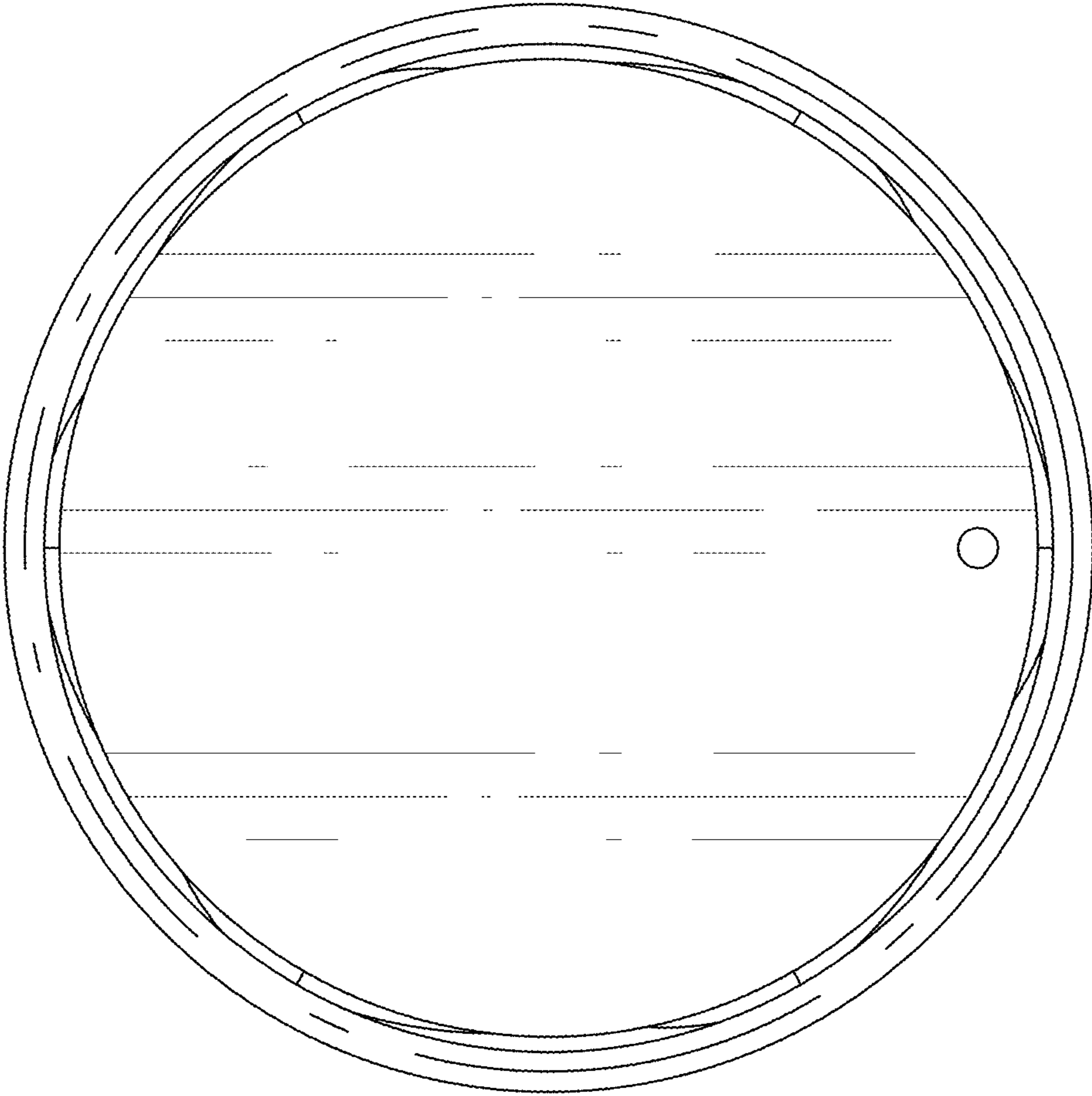


FIG. 16

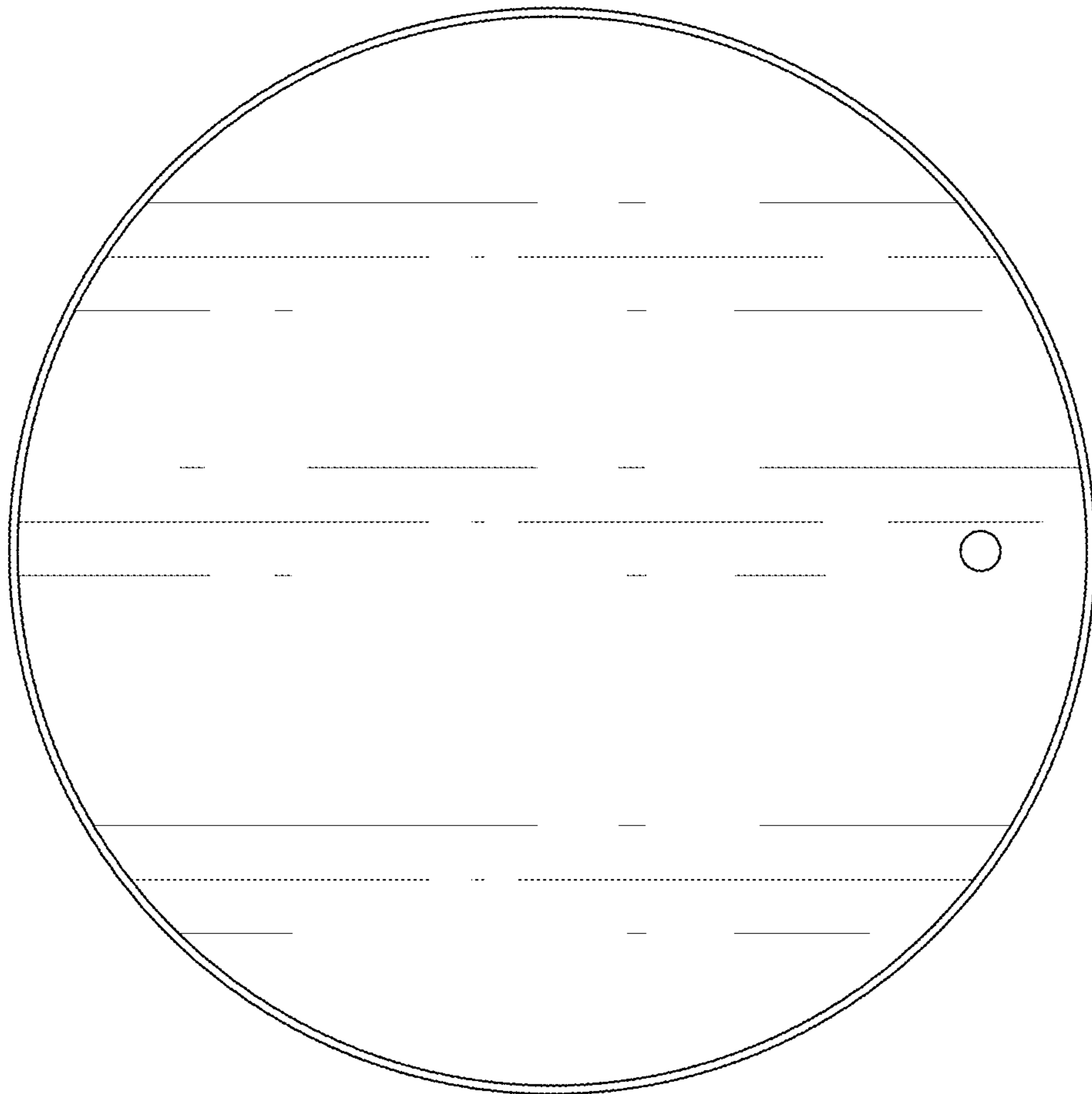


FIG. 17

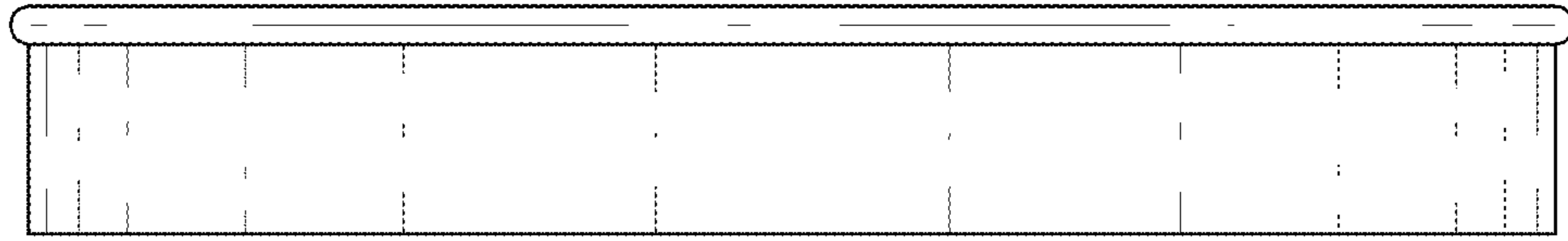


FIG. 18

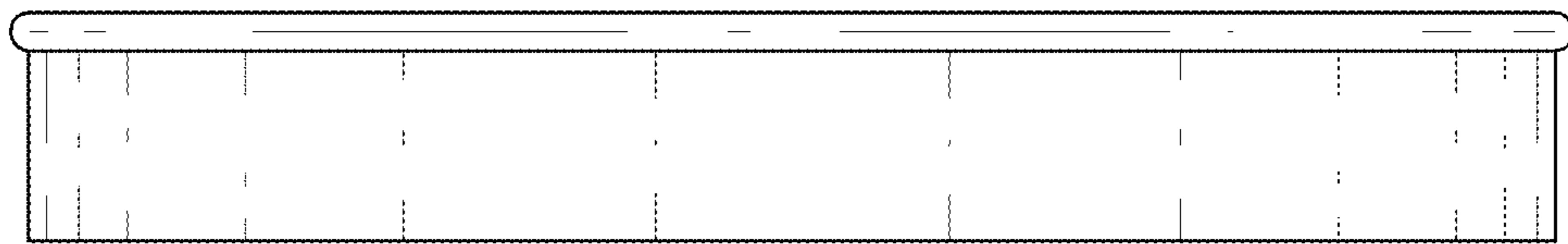


FIG. 19

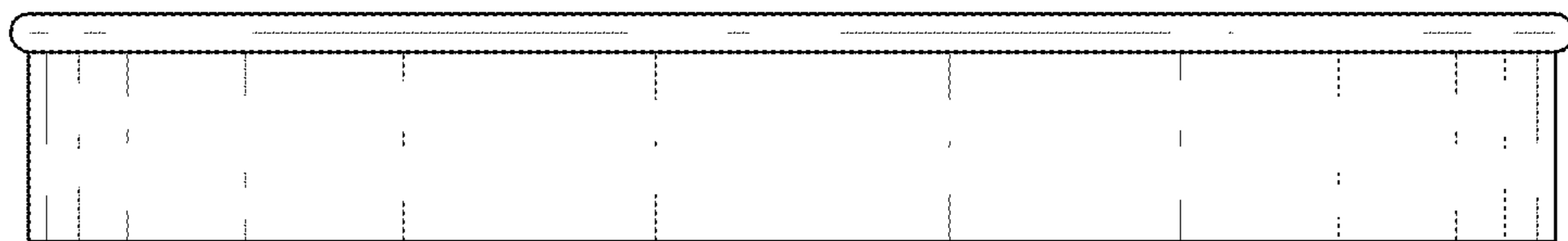


FIG. 20

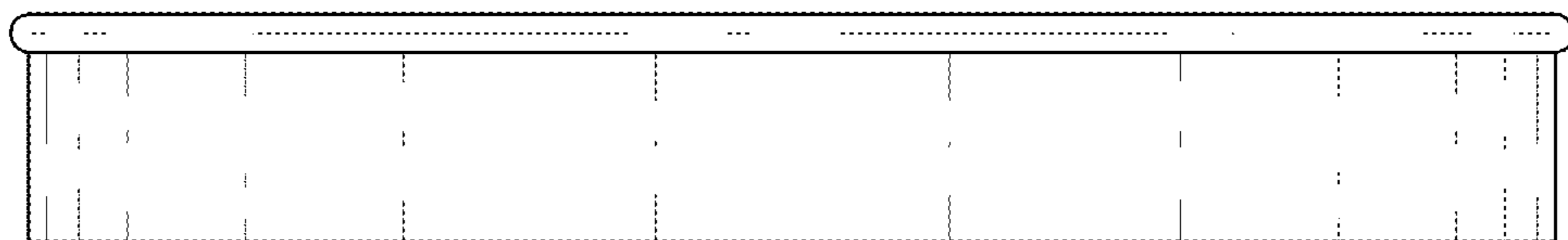


FIG. 21

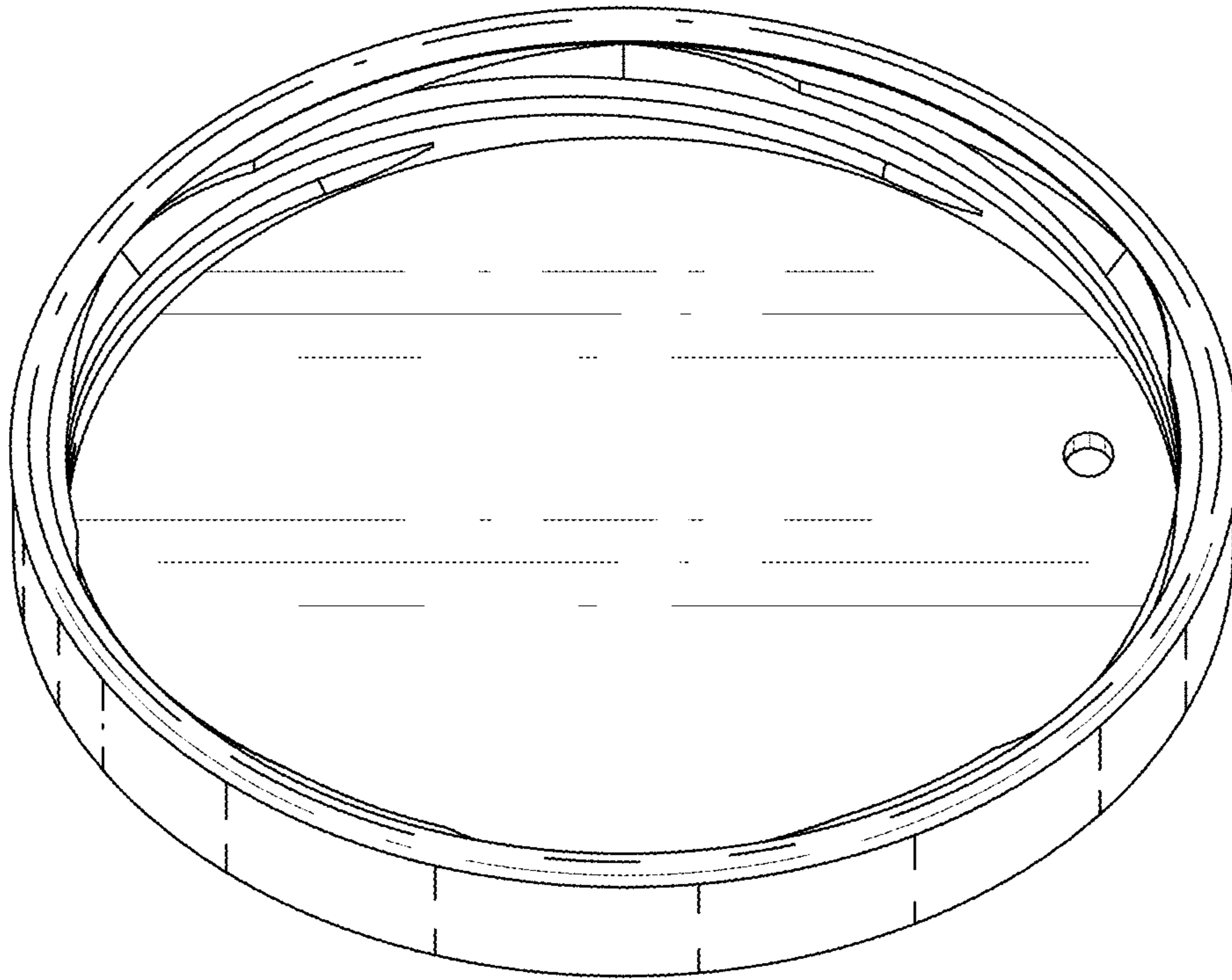


FIG. 22