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(12) **United States Design Patent** (10) **Patent No.:** **US D842,450 S**
Rivera (45) **Date of Patent:** **** Mar. 5, 2019**

(54) **FIRE BURNER**

FOREIGN PATENT DOCUMENTS

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KR 2002-0030653 4/2002

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OTHER PUBLICATIONS

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Pic-187705448-stock-photo-natural-gas from TinEye, image post date Apr. 21, 2014, site visited Jul. 23, 2018, (online), <https://www.tineye.com/search/9a8c609ca646a8e0fa372d2623b1602c861e0176/?extension_ver=>.*

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

(Continued)

(21) Appl. No.: **29/609,746**

(22) Filed: **Jul. 5, 2017**

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Related U.S. Application Data

(62) Division of application No. 29/529,245, filed on Jun. 4, 2015, now Pat. No. Des. 791,930.

(51) **LOC (11) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/415**

(58) **Field of Classification Search**
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CPC A47J 37/0786; A47J 37/108; A47J 36/34;
F21K 9/23; F21S 10/04; F21S 10/046;
F21V 17/02; F21V 17/06; F21V 17/10;
F23D 14/06; F23D 14/065; F23D 14/26;
F23D 14/58; F23D 14/586; F23D 14/60;
F23D 14/74; F23R 3/14; F23R 3/28;
F24B 1/181; F24B 1/189; F24B 1/193;
F24B 1/195; F24B 15/002; F24C 3/006;
F24C 3/008; F24C 3/085; F24C 7/004;
F24C 15/005; F24C 15/101; F24C
15/107; G01F

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

751,350 A 2/1904 Schutz
836,145 A 11/1906 Schutz

(Continued)

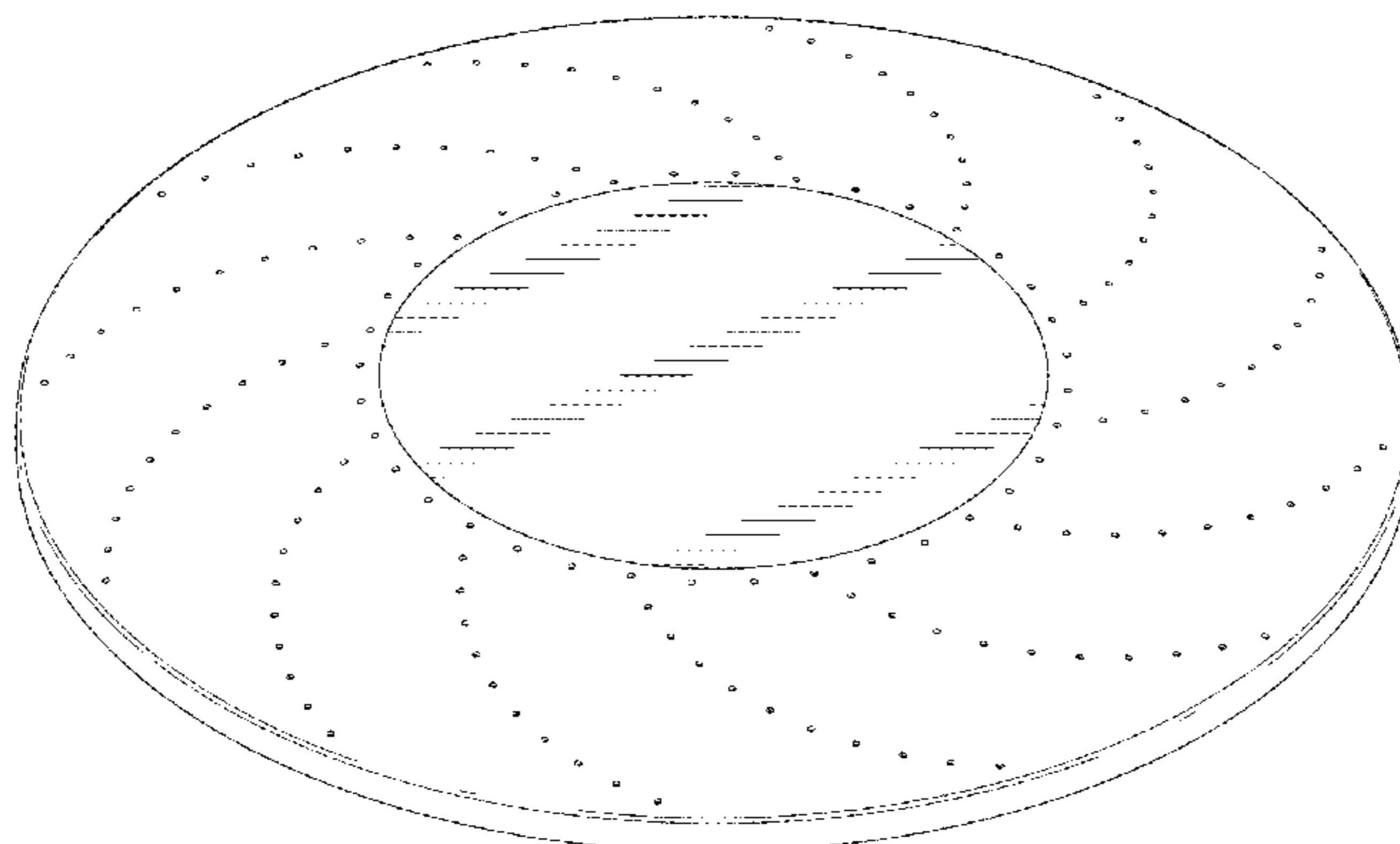
(57) **CLAIM**

The ornamental design for a fire burner, as shown and described.

DESCRIPTION

FIG. 1 is a top isometric view of an embodiment of the design for the fire burner;
FIG. 2 is a bottom isometric view thereof;
FIG. 3 is an exploded top isometric view thereof;
FIG. 4 is an exploded bottom isometric view thereof;
FIG. 5 is an exploded side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a front side view thereof;
FIG. 9 is a back side view thereof;
FIG. 10 is a left side view thereof;
FIG. 11 is a right side view thereof; and,
FIG. 12 is an enlarged detail view of a portion of FIG. 7. The portions of the fire burner shown in broken lines are for illustrative purposes only and form no part of the claimed design. The dash-dot broken lines define the area corresponding to the enlarged portion of the article of manufacture indicated on FIG. 7 and shown in FIG. 12 and said dash-dot broken lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Logarithmic spirals—patterns created using beams of light, image post date May 12, 2015, site visited Aug. 6, 2016, (online), <<http://physicsworld.com/cws/article/news/2015/may/12/swirling-light-beams-carve-intricate-patterns>>.

Rain Canopy Trash Can Lid, image post date Sep. 6, 2010, site visited Nov. 9, 2016, (online), <https://www.tineye.com/search/085ff68eeafe4e75c351fda9c670c7f7f3b81895/>.

Tropitone Fire Pit Installation and Operating Instructions, image post date Aug. 7, 2012, site visited Aug. 6, 2016, (online), <https://www.tropitone.com/sites/default/files/page_files/fire_pit_instructions_rev_e_.pdf>.

* cited by examiner

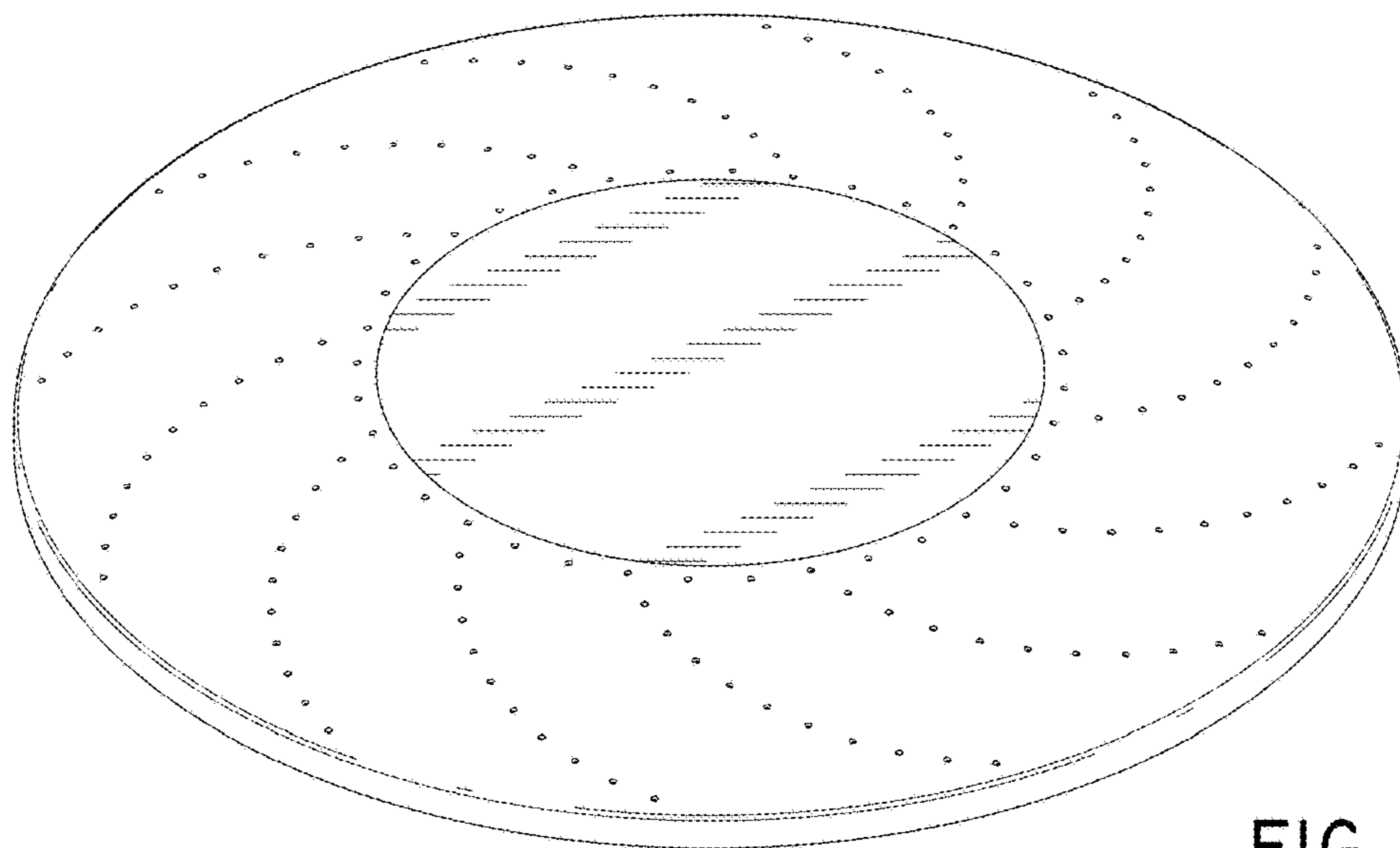


FIG. 1

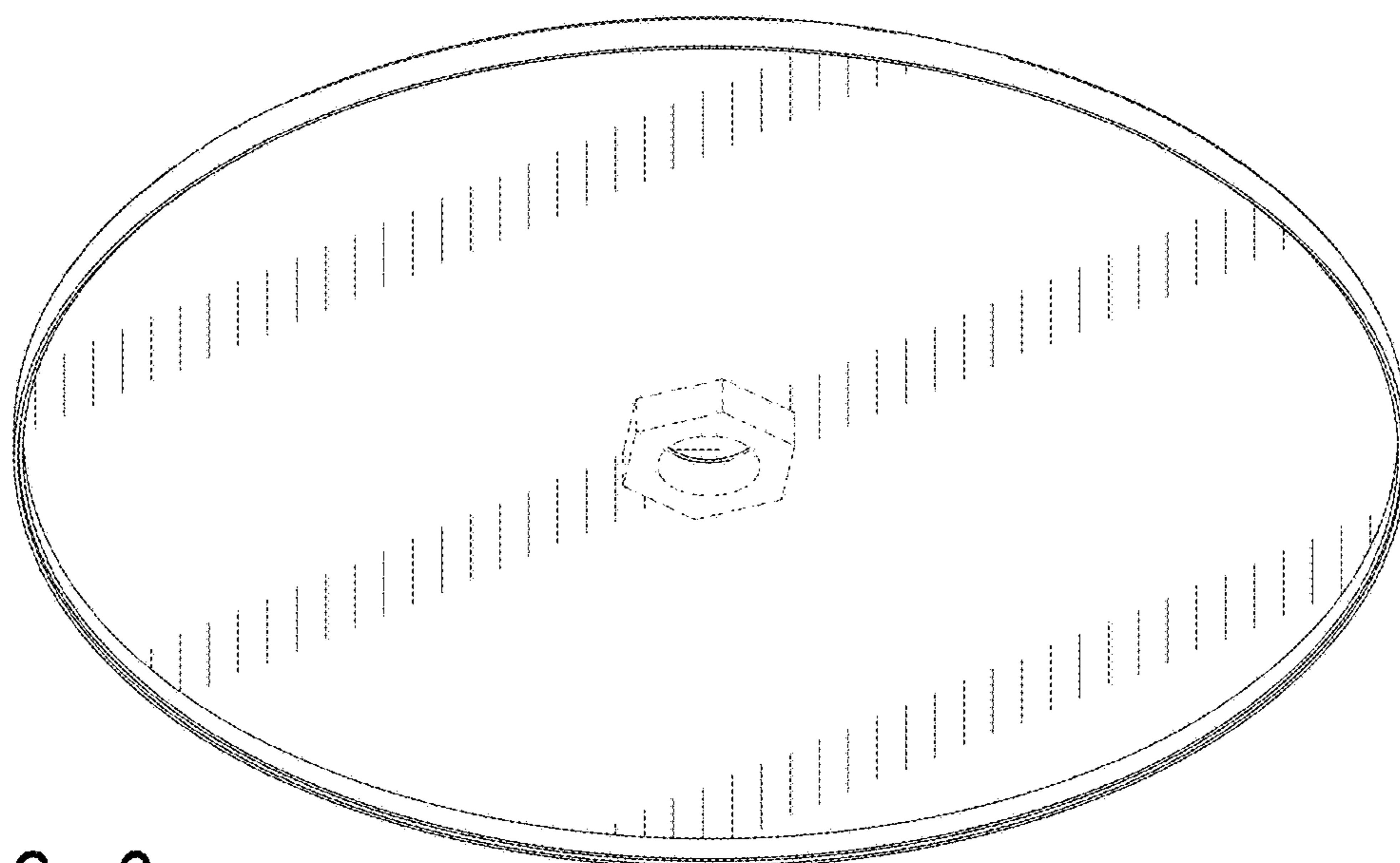


FIG. 2

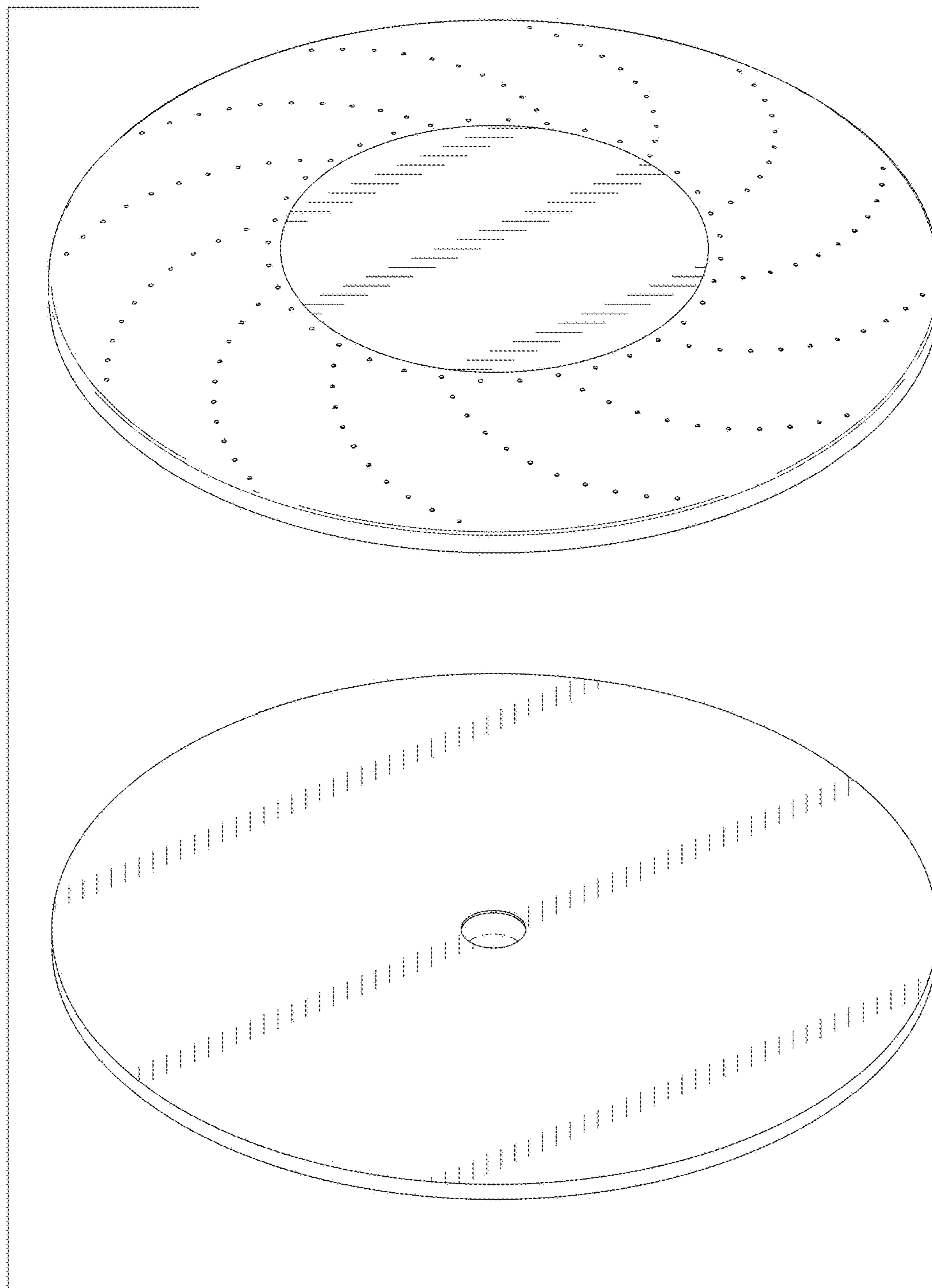


FIG. 3

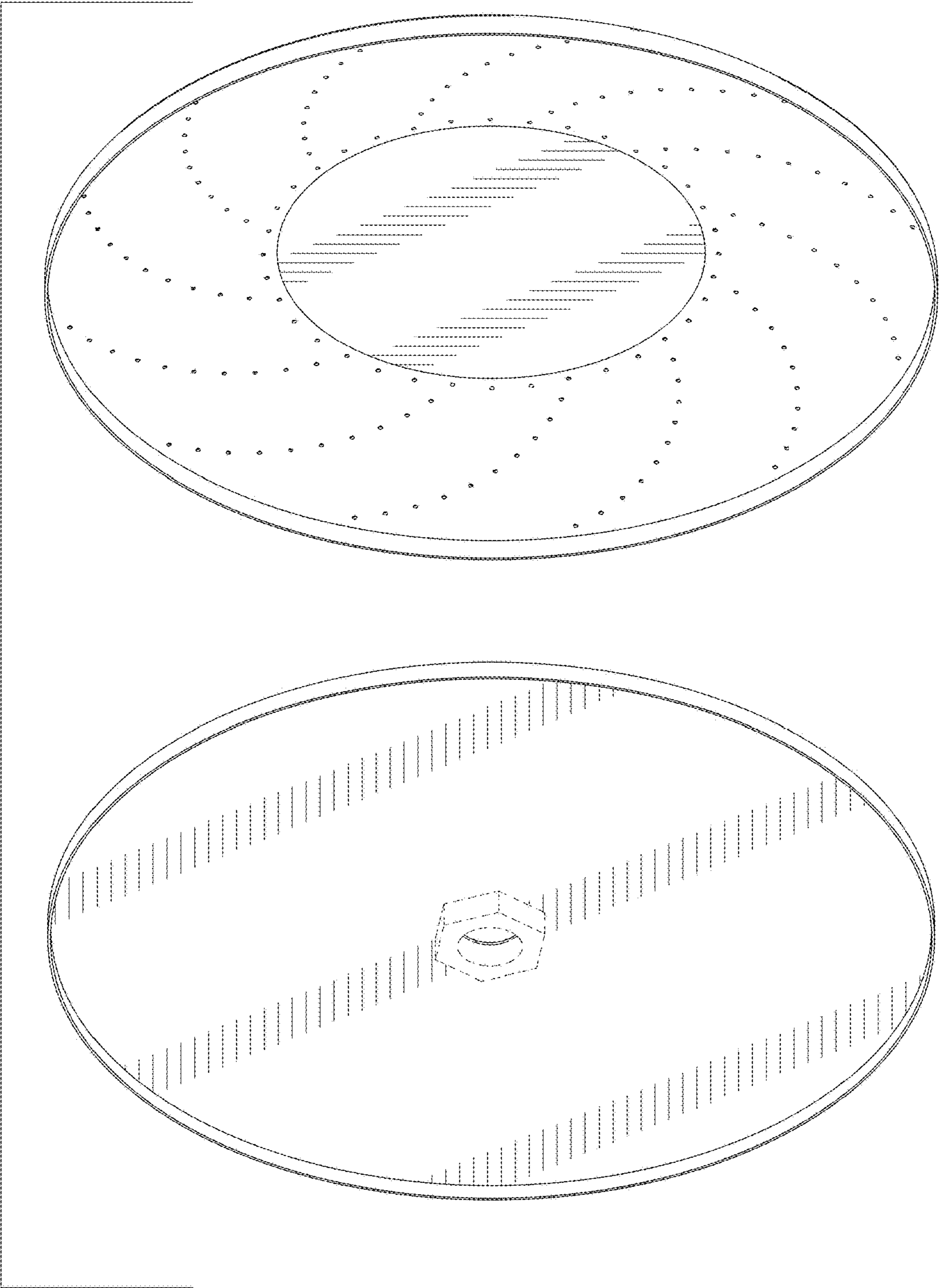


FIG. 4

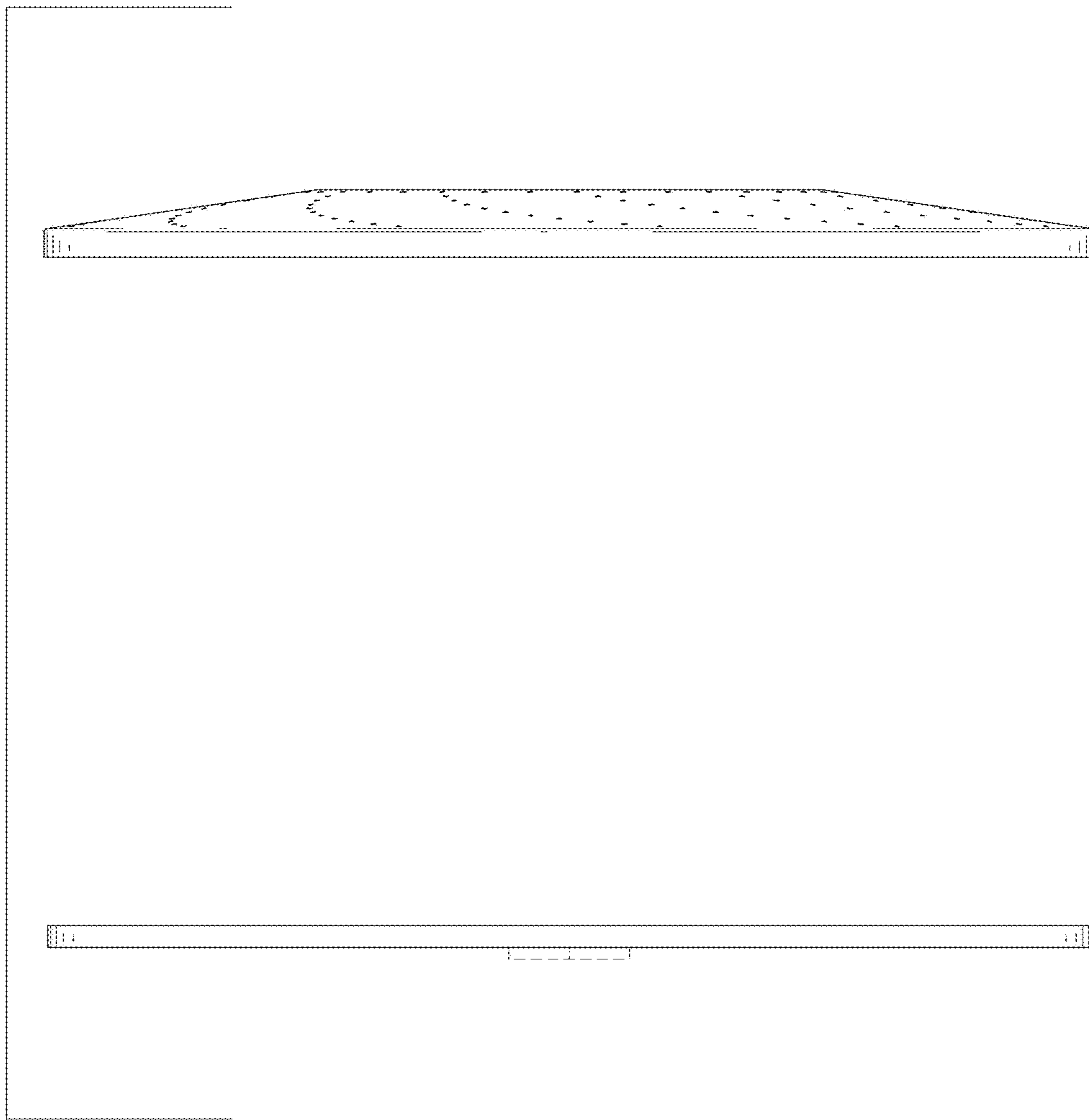


FIG. 5

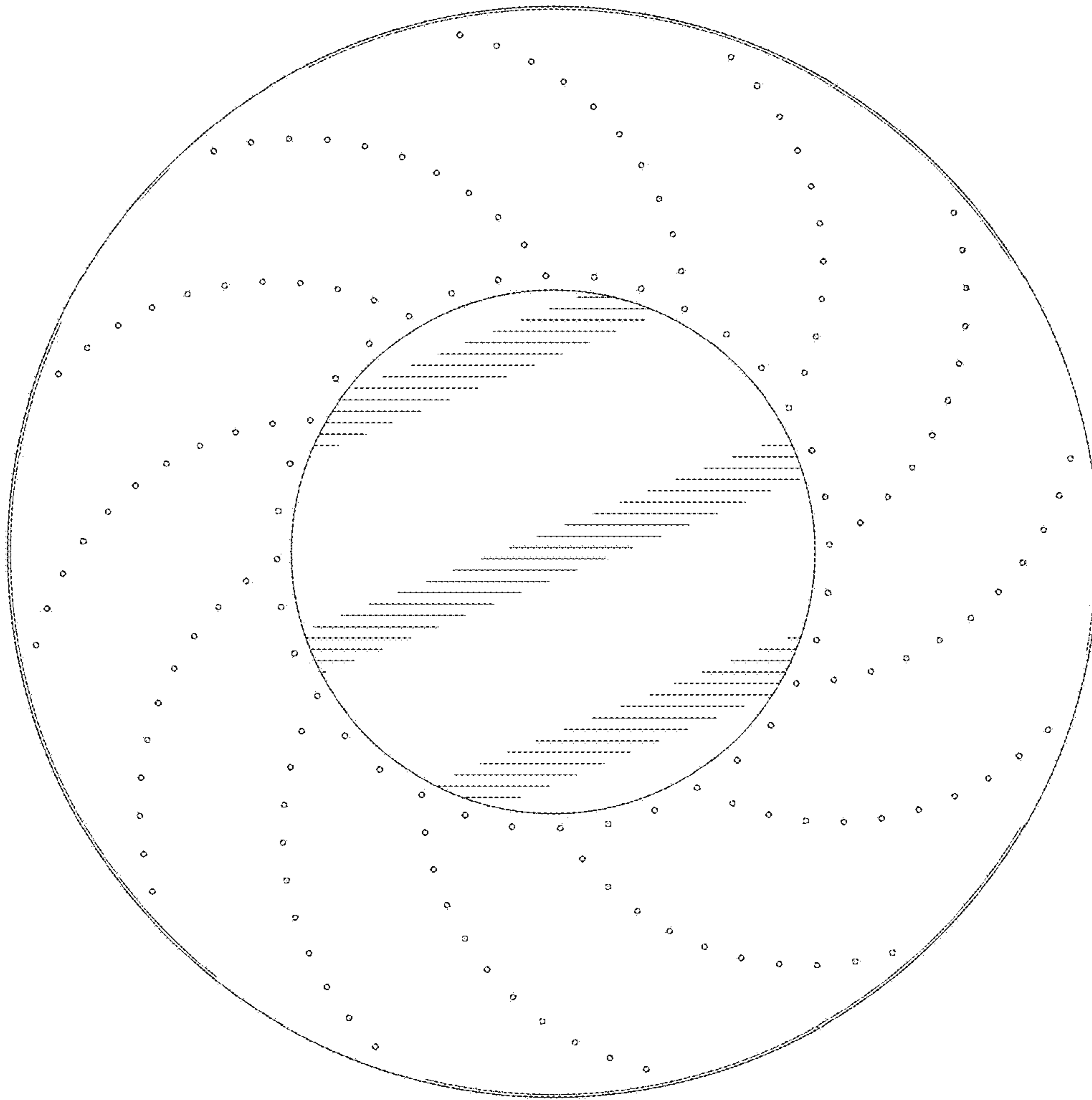


FIG. 6

FIG. 12

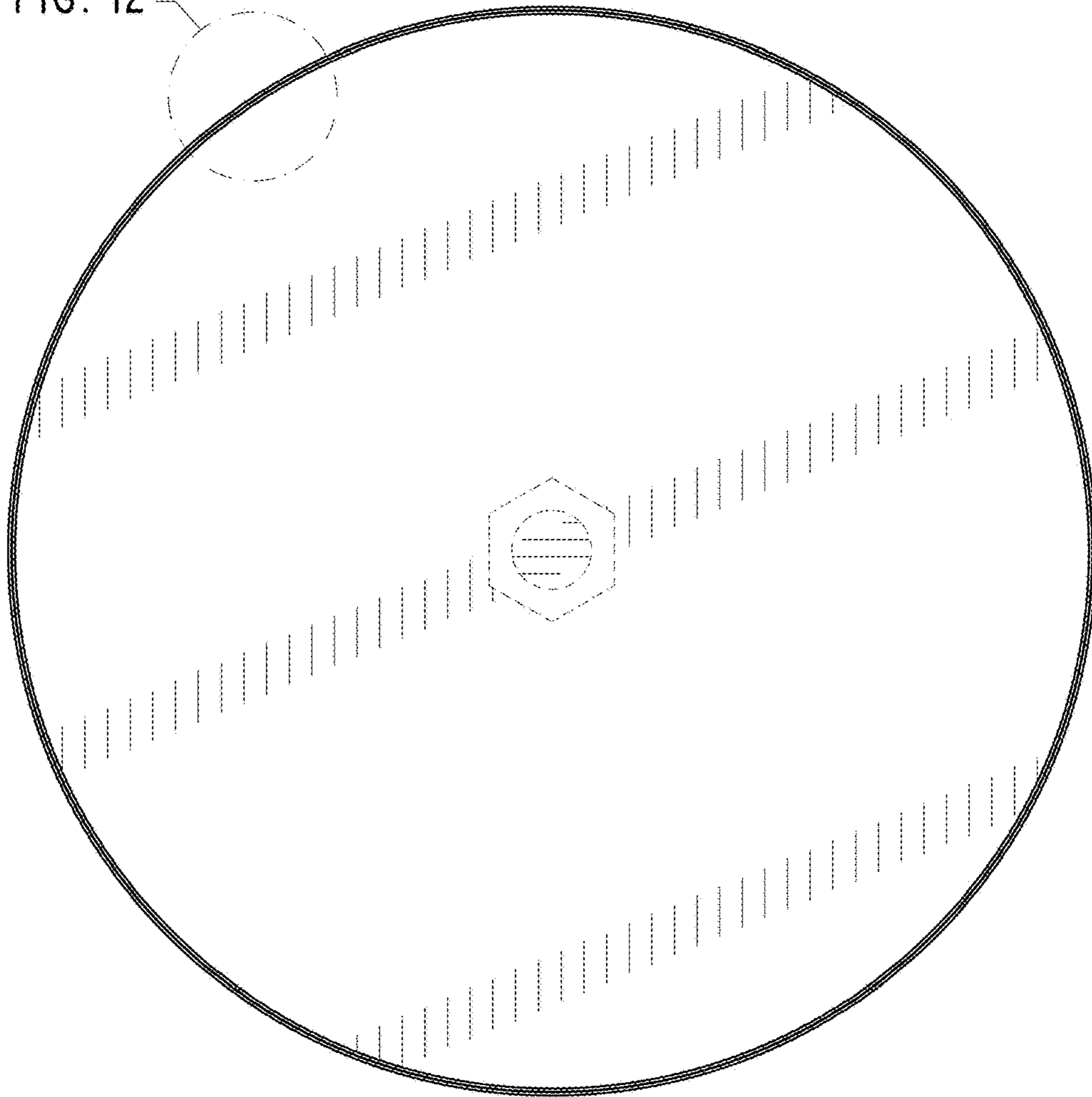


FIG. 7

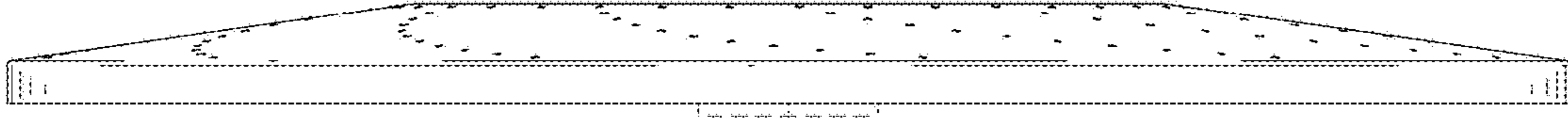


FIG. 8

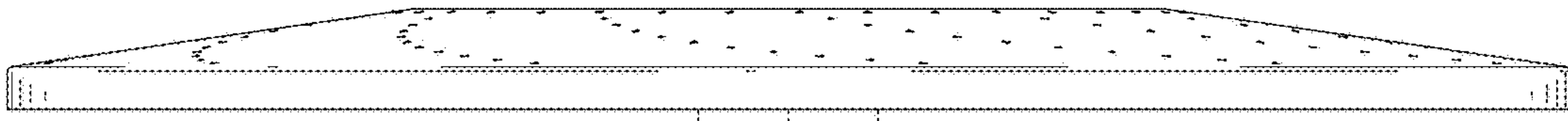


FIG. 9

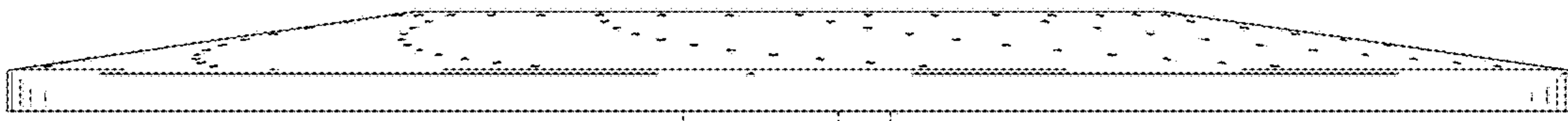


FIG. 10

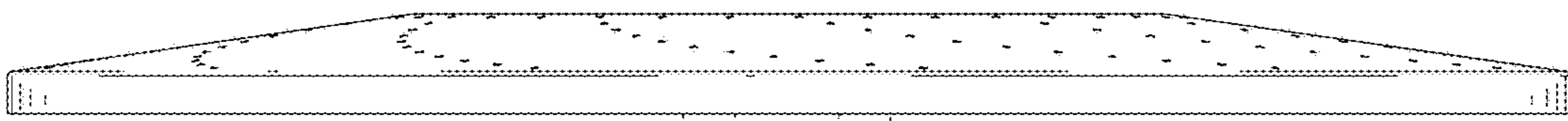


FIG. 11

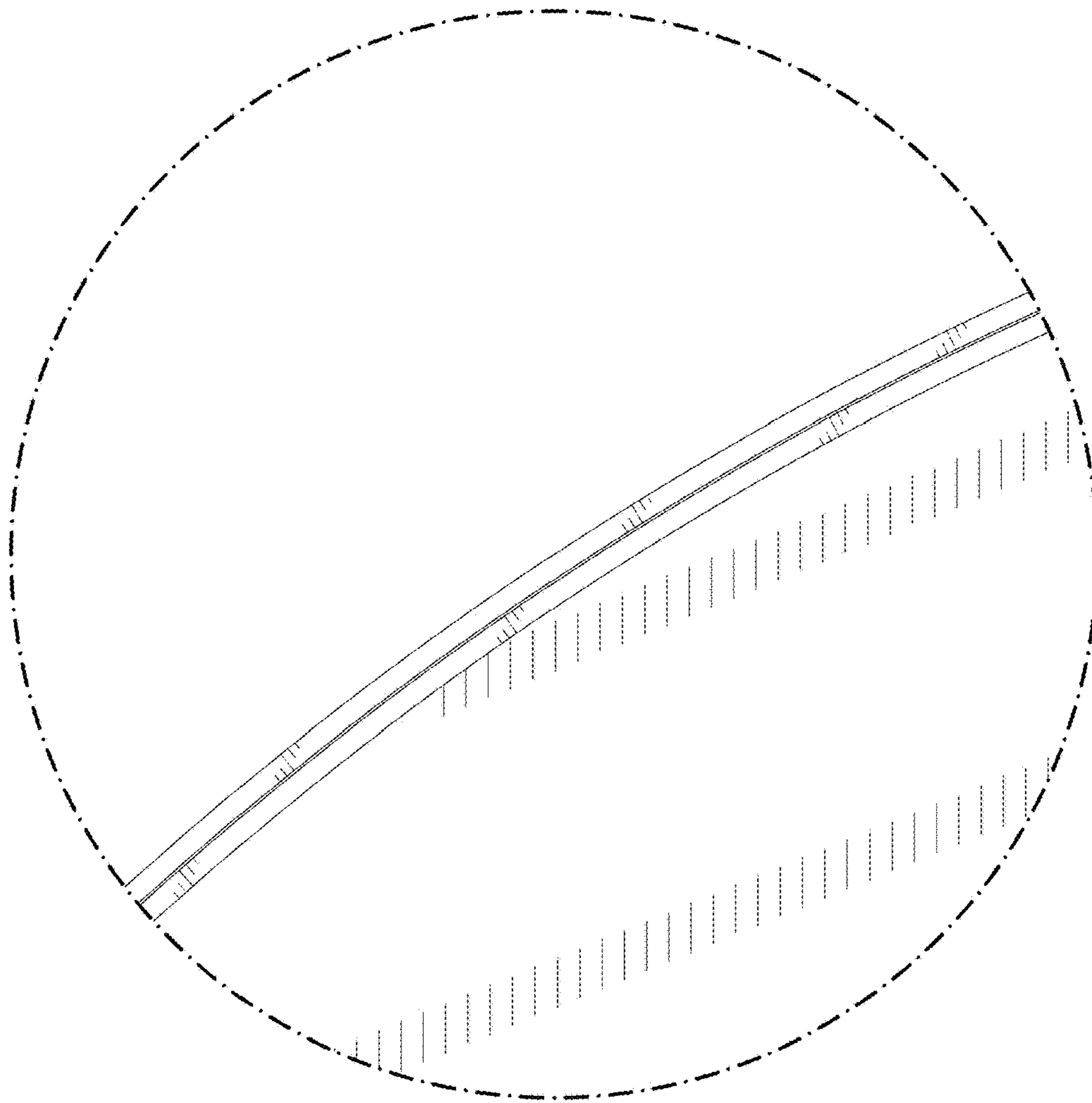


FIG. 12