

US00D864397S

(12) **United States Design Patent** (10) **Patent No.:** **US D864,397 S**
Dong et al. (45) **Date of Patent:** **** Oct. 22, 2019**

(54) **BLOOD PERFUSION APPARATUS**

FOREIGN PATENT DOCUMENTS

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CN 201430259226 * 4/2015

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(73) Assignee: **JAFRON BIOMEDICAL CO., LTD.**,
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(57) **CLAIM**

The ornamental design for a a blood perfusion apparatus, as shown and described.

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

DESCRIPTION

(21) Appl. No.: **29/621,997**

FIG. 1 is a front view of a blood perfusion apparatus showing our new design;

(22) Filed: **Oct. 13, 2017**

FIG. 2 is a rear view thereof;

(51) **LOC (12) Cl.** **24-01**

FIG. 3 is a left side view thereof;

(52) **U.S. Cl.**

FIG. 4 is a right side view thereof;

USPC **D24/169**

FIG. 5 is a top view thereof;

(58) **Field of Classification Search**

USPC D24/164–169, 186, 107, 216, 129, 162,

FIG. 6 is a bottom view thereof;

D24/224, 231; D10/81; D23/207, 209

FIG. 7 is a perspective view thereof;

CPC A61M 1/16; A61M 1/1601; A61M 1/1621;

FIG. 8 is an enlarged view of the indicated portion “8” of FIG. 1;

A61M 1/1654; A61M 1/36; A61M

FIG. 9 is an enlarged view of the indicated portion “9” of FIG. 1;

1/3693; A61M 1/3696; A61M 2209/084;

FIG. 10 is an enlarged view of the indicated portion “10” of FIG. 3;

A61M 2205/502; A61M 2205/505; A16B

FIG. 11 is an enlarged view of the indicated portion “11” of FIG. 3;

50/10; A16B 50/13; A16B 50/15

FIG. 12 is an enlarged view of the indicated portion “12” of FIG. 2;

See application file for complete search history.

FIG. 13 is an enlarged view the indicated portion “13” of FIG. 2;

(56) **References Cited**

U.S. PATENT DOCUMENTS

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FIG. 14 is an enlarged view of the indicated portion “14” of FIG. 3; and,

D267,037 S * 11/1982 Spranger D24/169

FIG. 15 is an enlarged view of the indicated portion “15” of FIG. 3.

4,496,458 A * 1/1985 Lee A61M 1/16

The broken lines show portions of the blood perfusion apparatus in which the claimed design is embodied that form no part of the claimed design.

156/73.6

D320,661 S * 10/1991 Sone D24/169

The dot-dash broken lines indicating an enlarged portion of the design form no part of the claimed design.

D367,704 S * 3/1996 Cotter D24/169

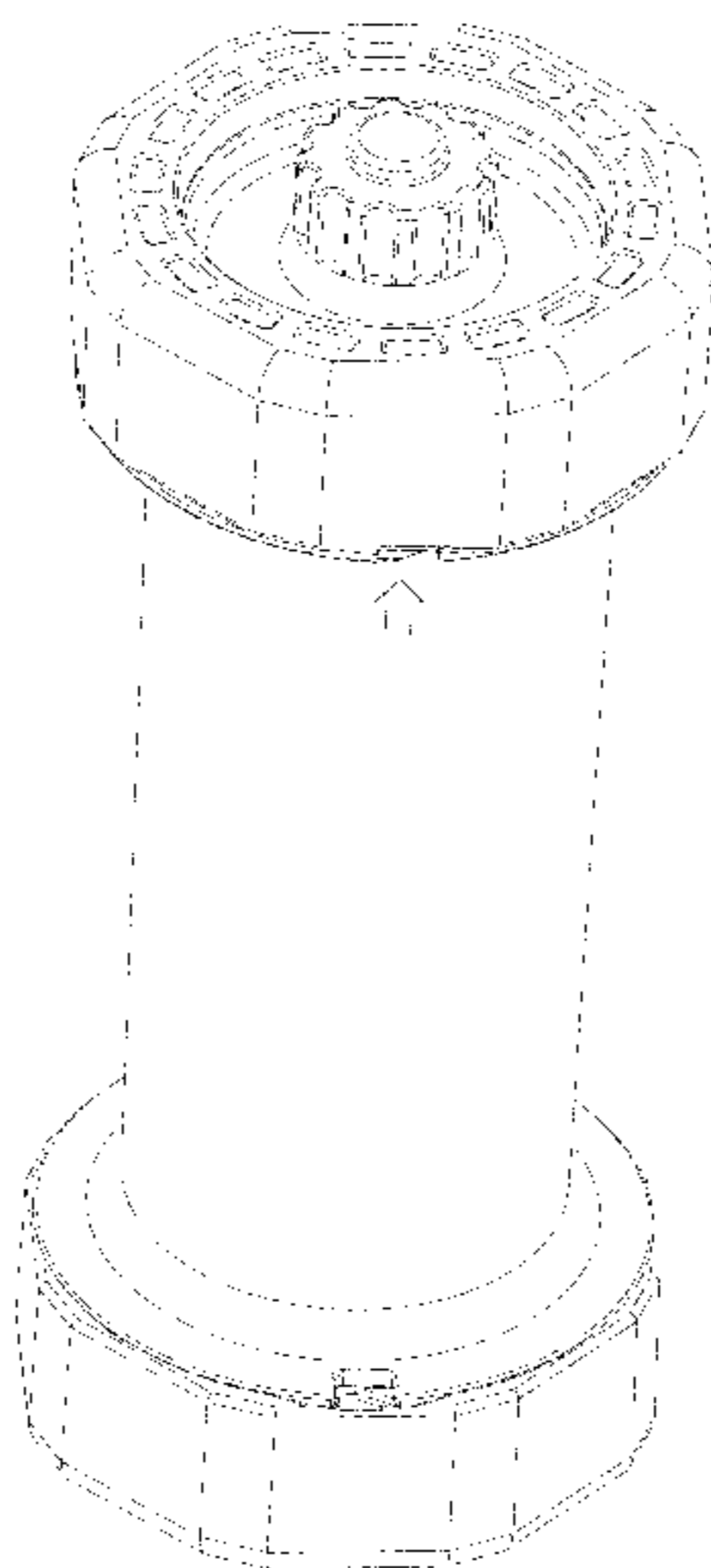
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1 Claim, 10 Drawing Sheets



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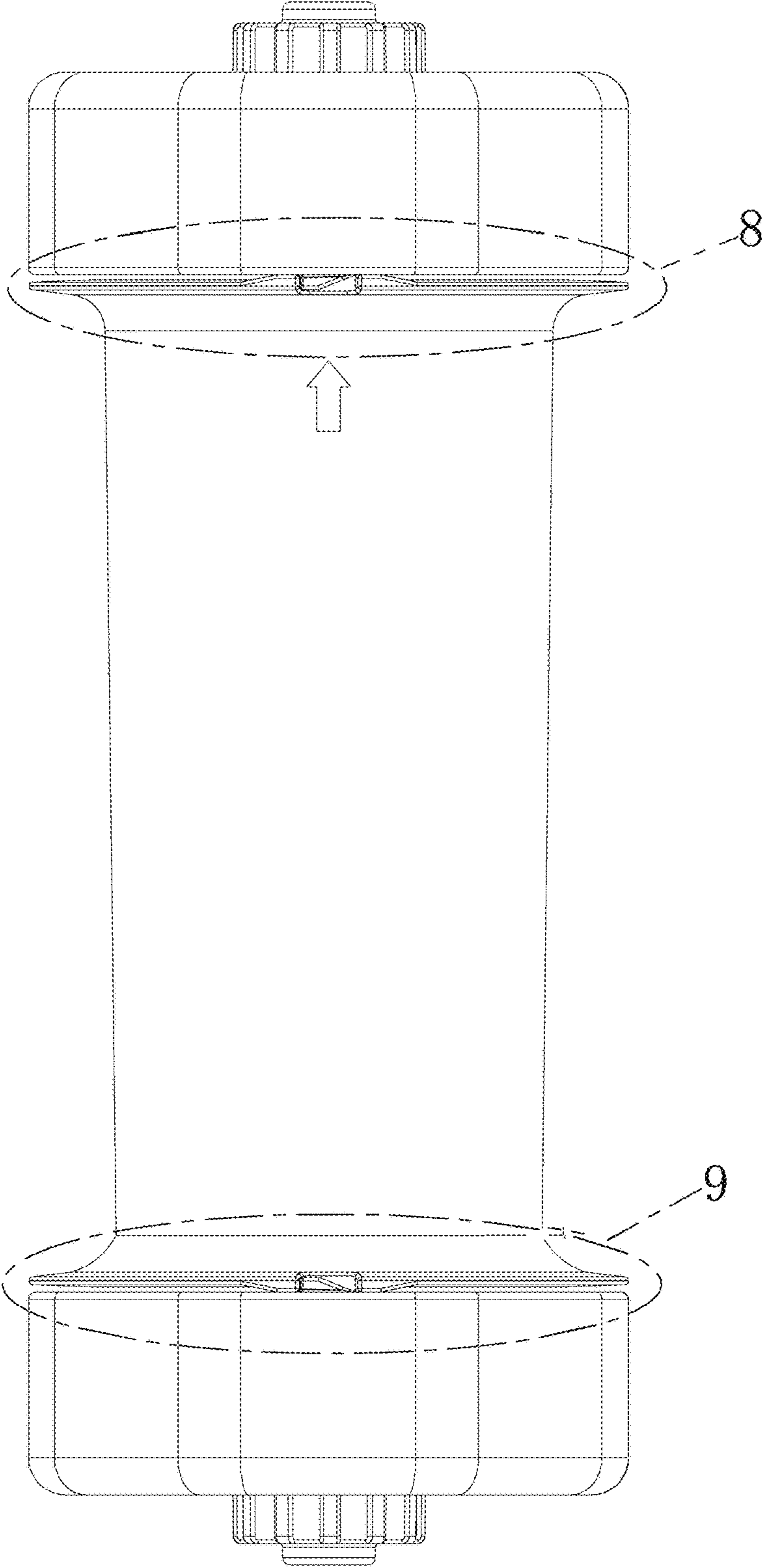


FIG. 1

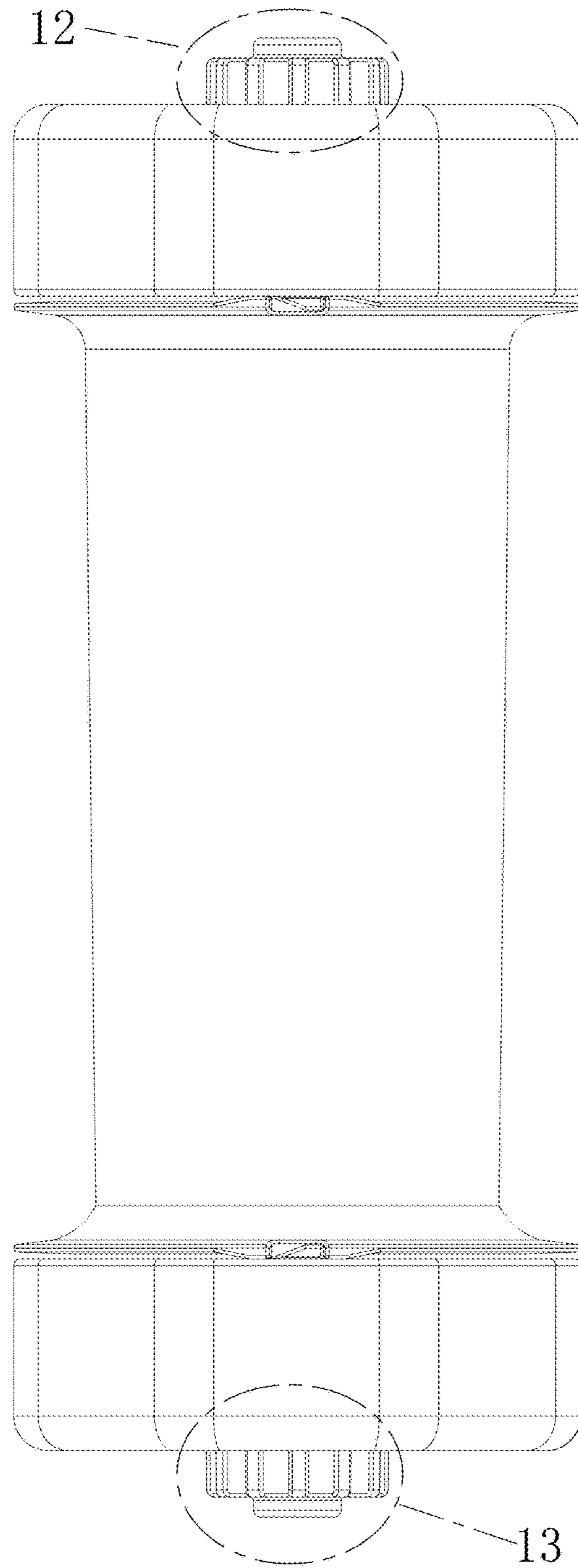


FIG. 2

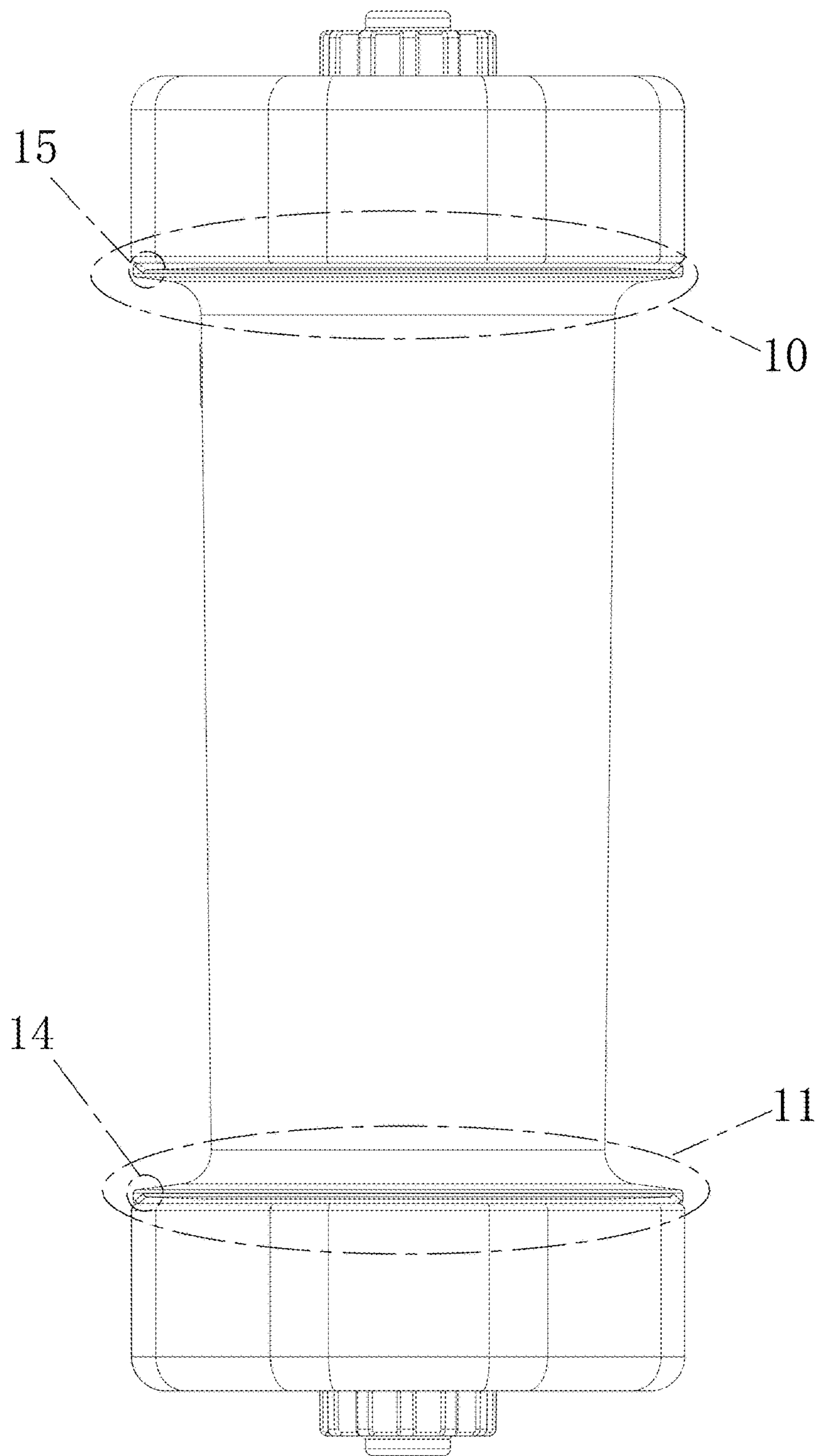


FIG. 3

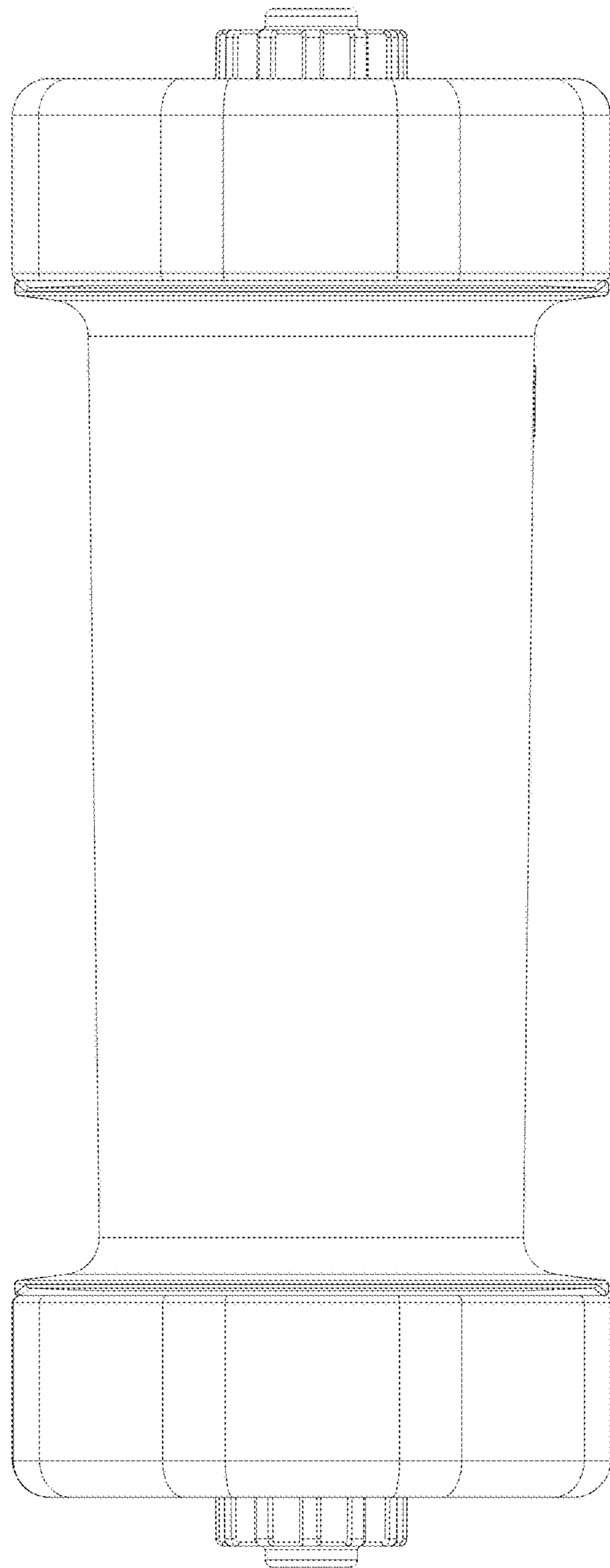


FIG. 4

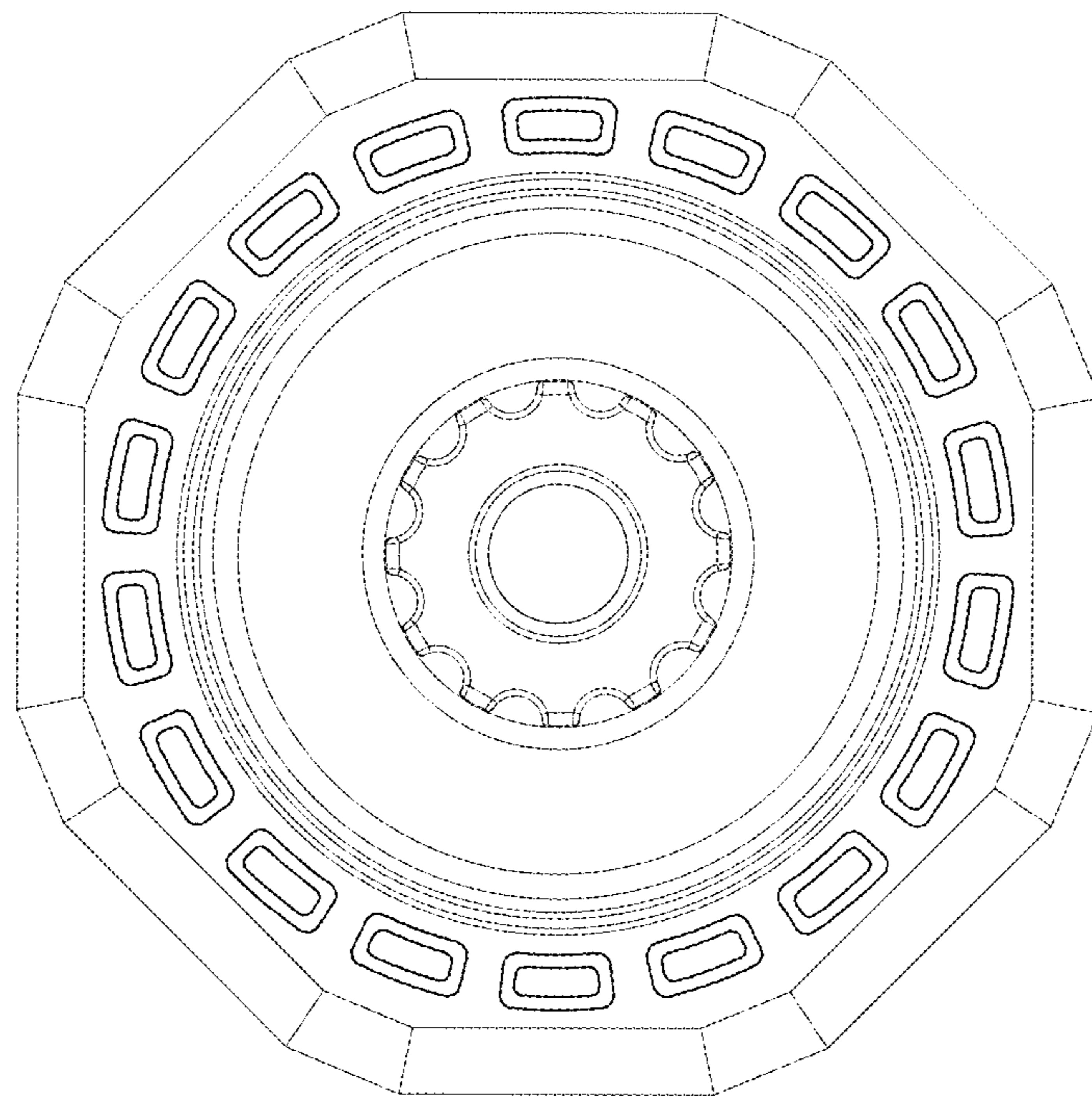


FIG. 5

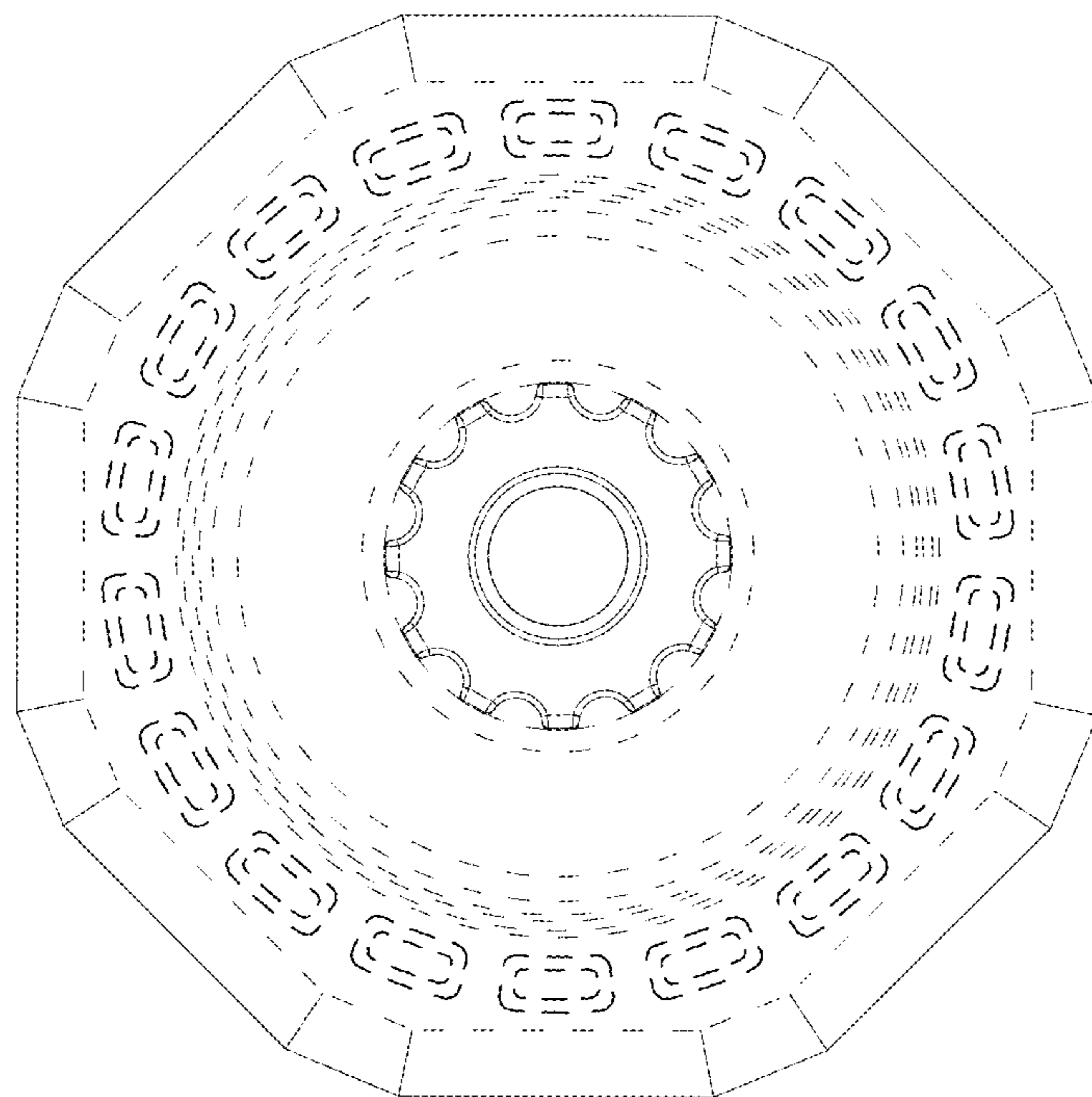


FIG. 6

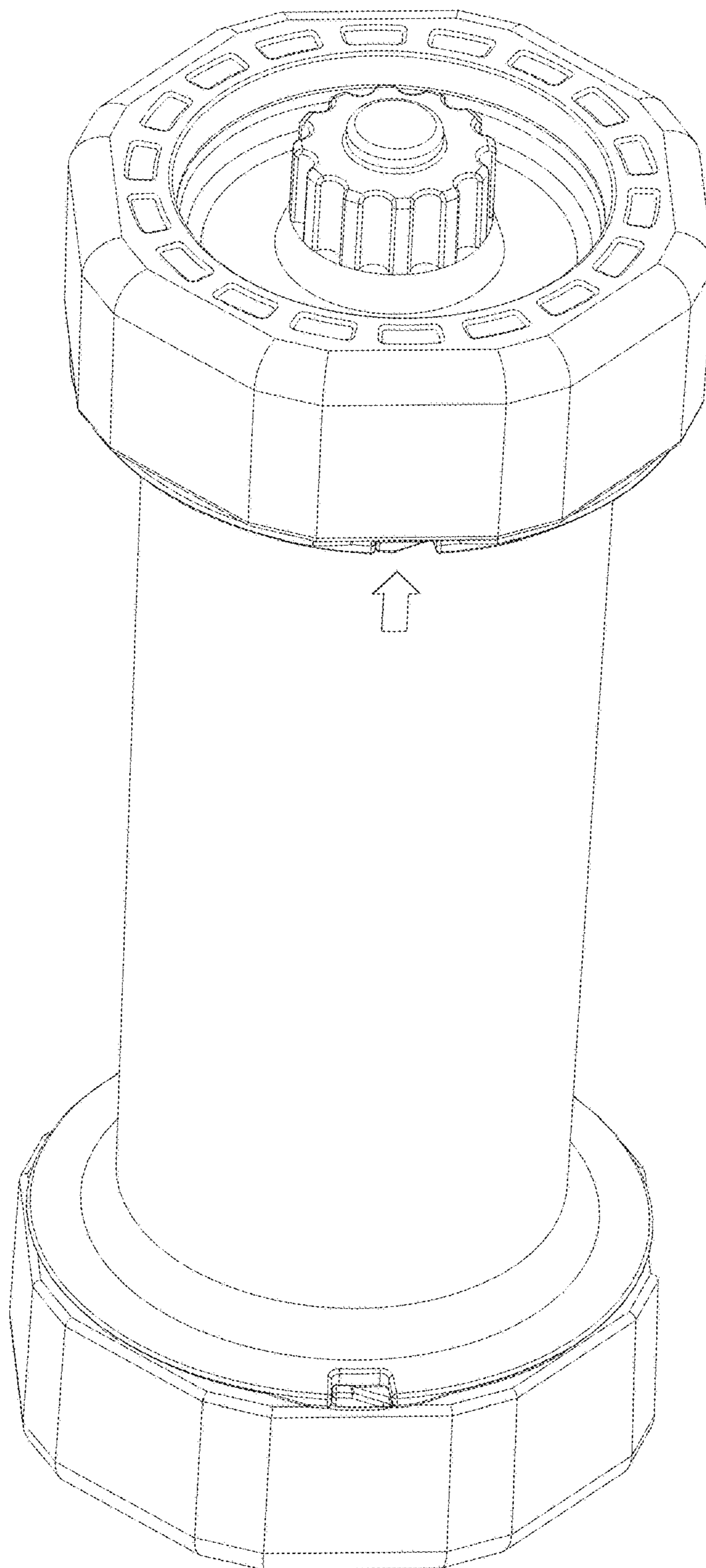


FIG. 7

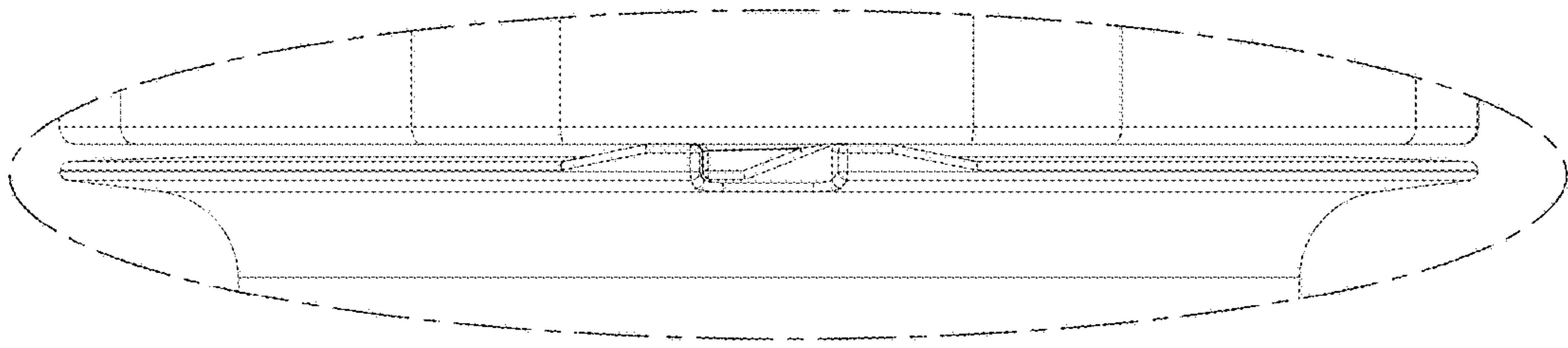


FIG. 8

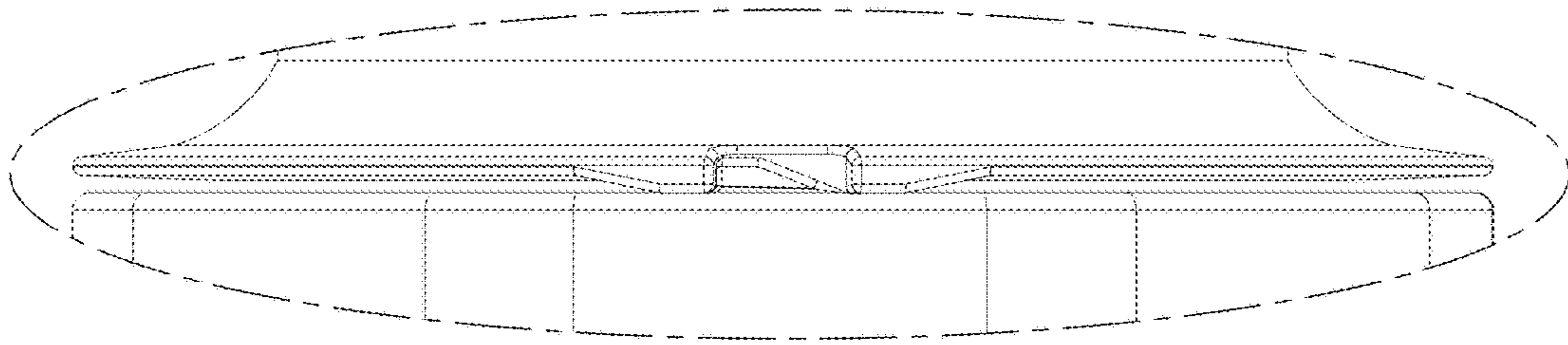


FIG. 9

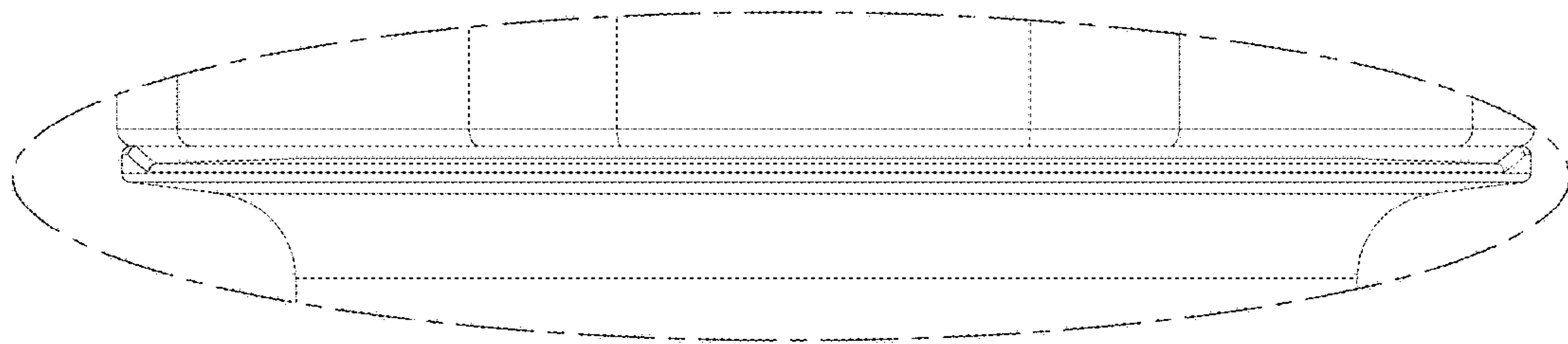


FIG. 10

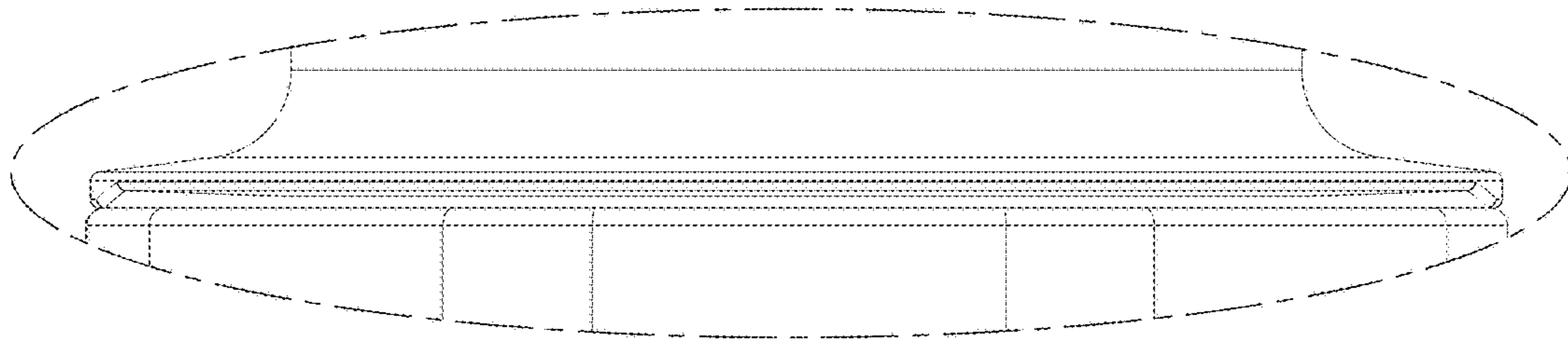


FIG. 11

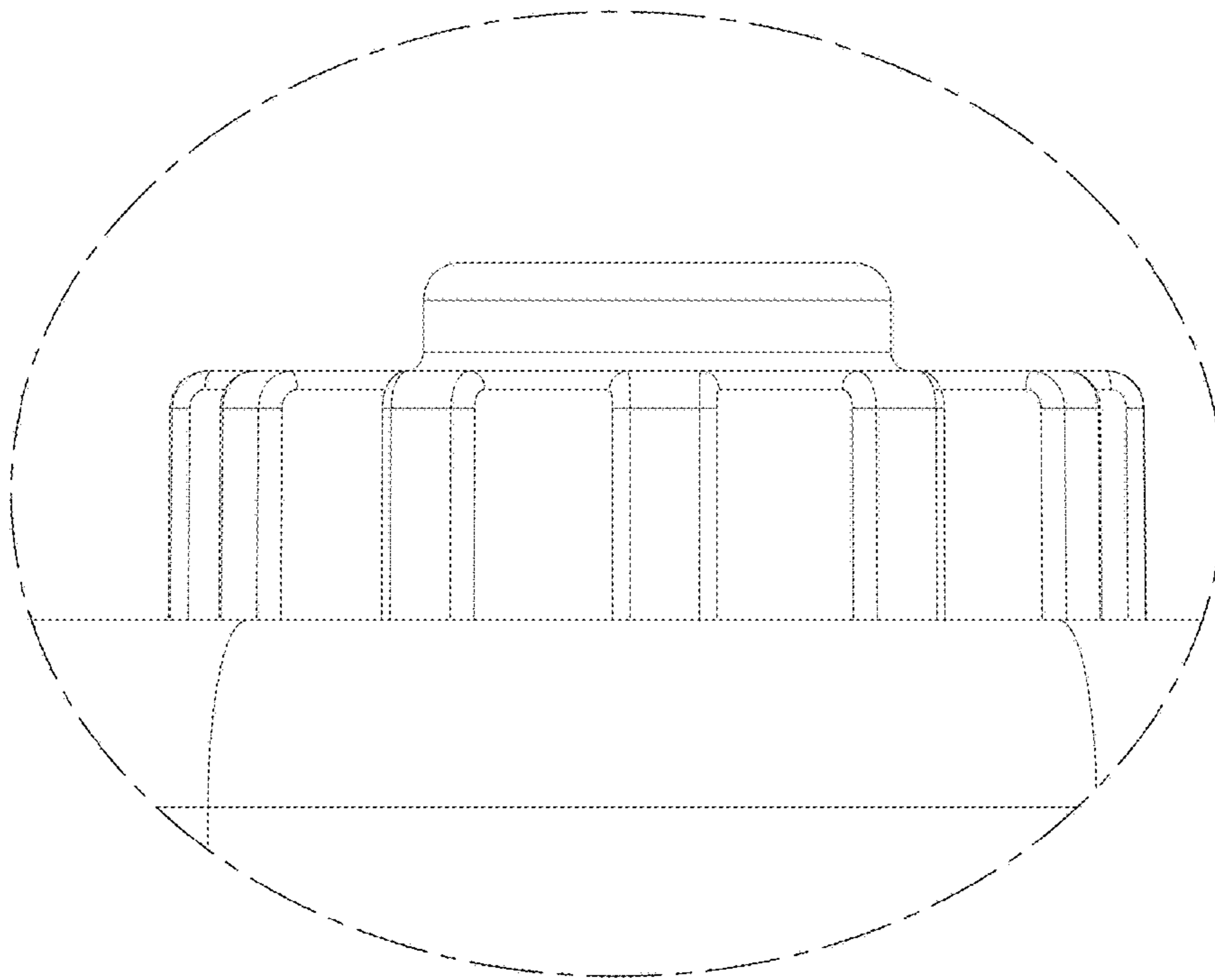


FIG. 12

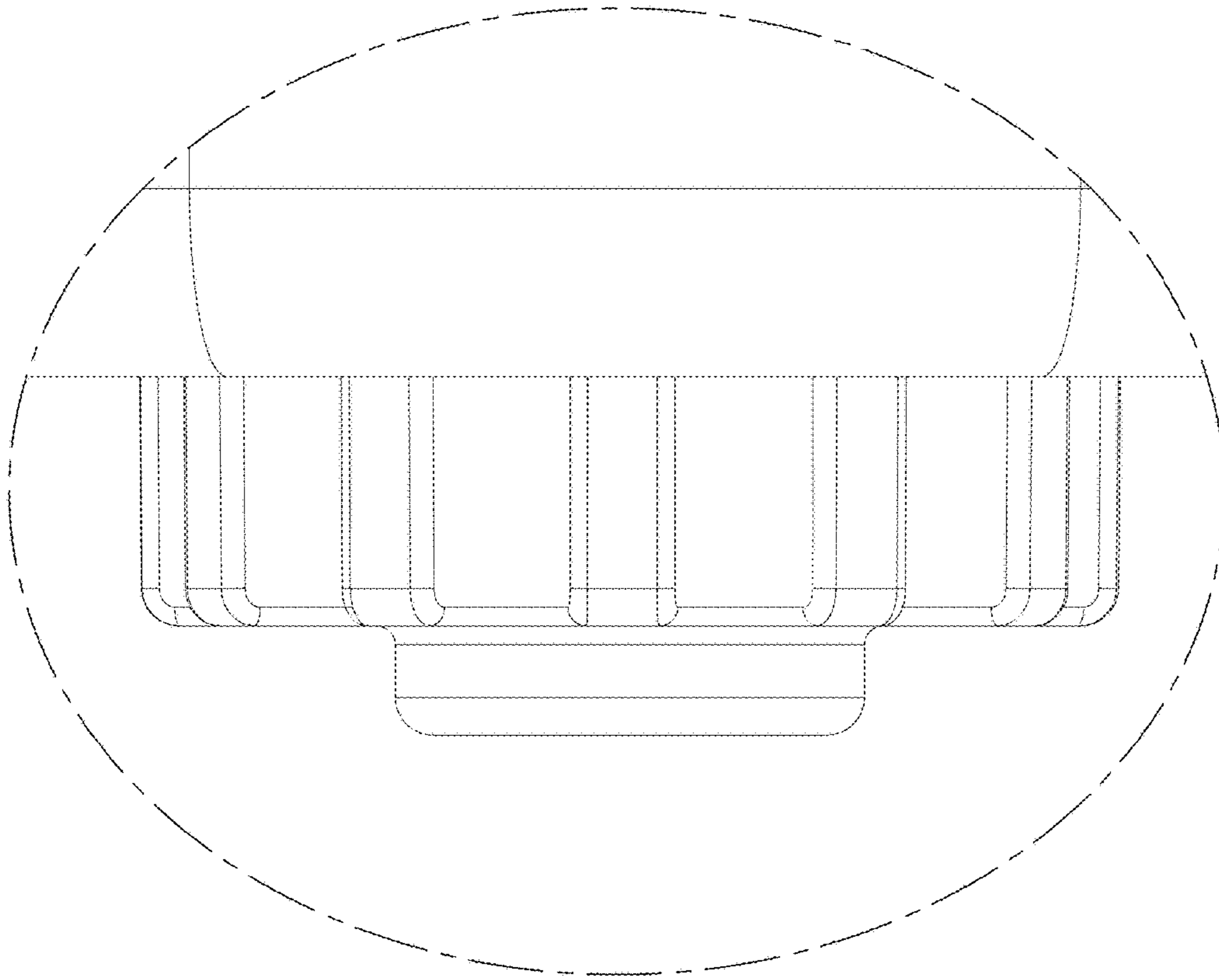


FIG. 13

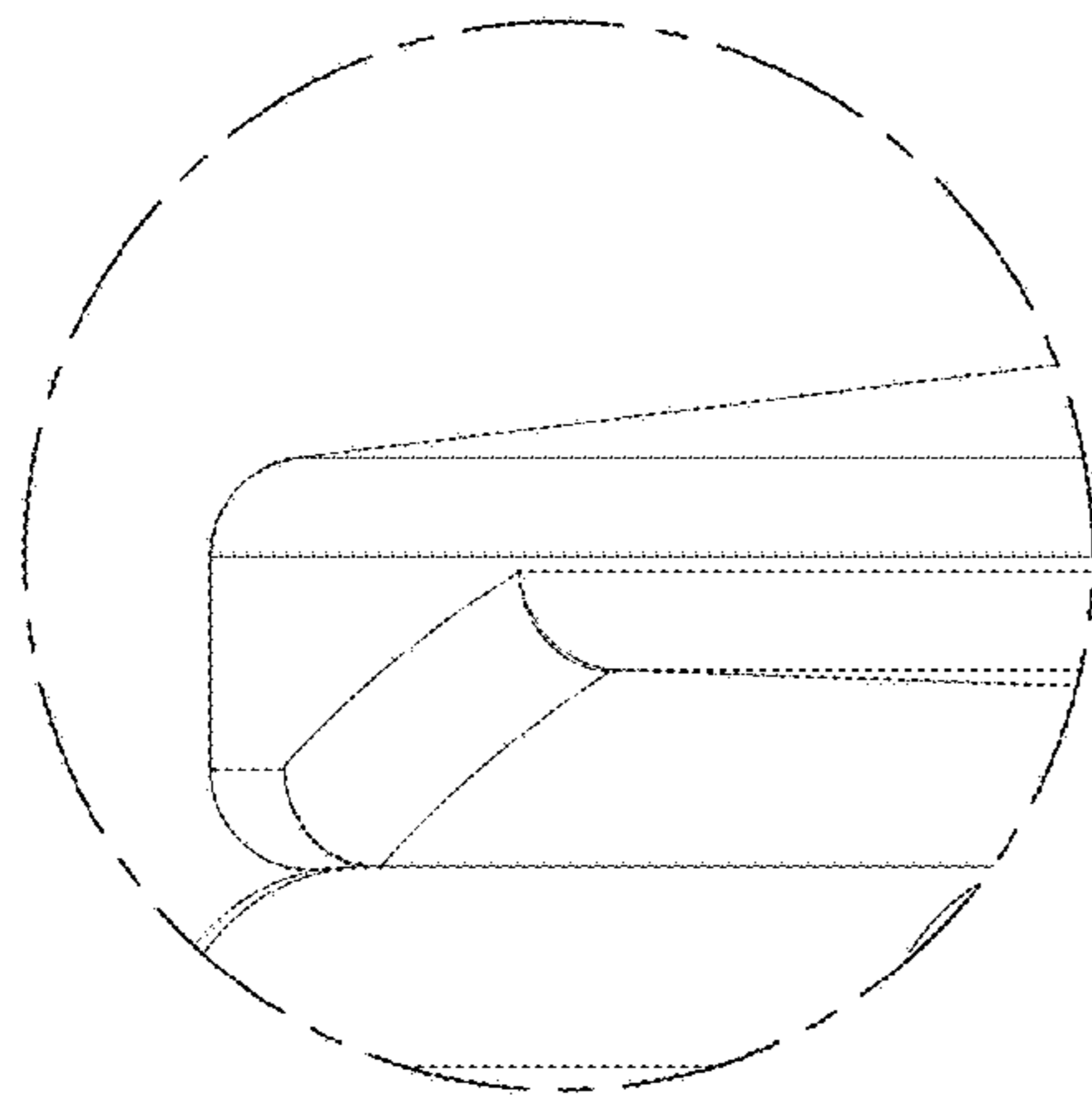


FIG. 14

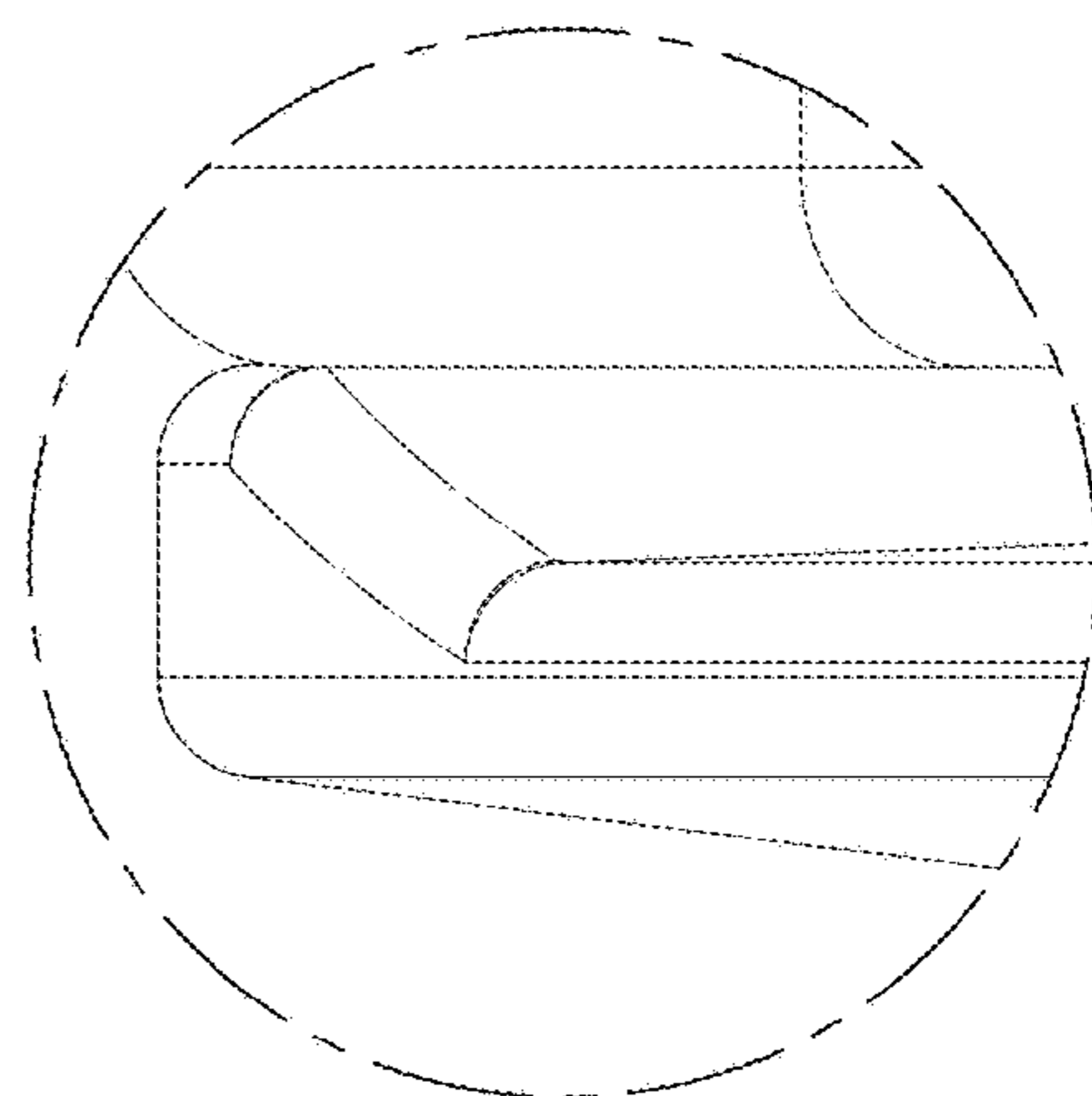


FIG. 15