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(12) **United States Design Patent** (10) **Patent No.:** **US D958,325 S**
Dantanarayana et al. (45) **Date of Patent:** **** Jul. 19, 2022**

(54) **HEAT AND MOISTURE EXCHANGER UNIT
FOR RESPIRATORY MASK**

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

(21) Appl. No.: **29/787,188**

(22) Filed: **Jun. 4, 2021**

Related U.S. Application Data

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30, 2020, now Pat. No. Des. 942,616, which is a
division of application No. 29/721,597, filed on Jan.
22, 2020, now Pat. No. Des. 929,571, which is a
division of application No. 29/666,287, filed on Oct.
11, 2018, now Pat. No. Des. 875,243, which is a
(Continued)

(51) **LOC (13) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110.4**

(58) **Field of Classification Search**

USPC D24/110–110.6, 127, 129; D29/110
CPC A61M 16/0616; A61M 16/0633; A61M
16/06; A61M 16/0666; A61M 16/0683;
A61M 16/0605; A61M 16/0622; A61M
16/0644; A61M 16/0875; A61M 16/0816;
A61M 16/08; B63C 11/205; B63C 11/16;
B63C 11/186; B63C 11/12

See application file for complete search history.

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Assistant Examiner — Aula Soroush

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(57) **CLAIM**

The ornamental design for an heat and moisture exchanger
unit for respiratory mask, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a heat and moisture
exchanger unit for respiratory mask showing a first embodi-
ment of our new design;

FIG. 2 is a front perspective view thereof, in isolation;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a right side view thereof;

FIG. 9 is a reverse perspective view thereof;

FIG. 10 is a front perspective view of a heat and moisture
exchanger unit for respiratory mask showing a second
embodiment of our new design;

FIG. 11 is a front perspective view thereof, in isolation;

FIG. 12 is a front view thereof;

FIG. 13 is a rear view thereof;

FIG. 14 is a top view thereof;

FIG. 15 is a bottom view thereof;

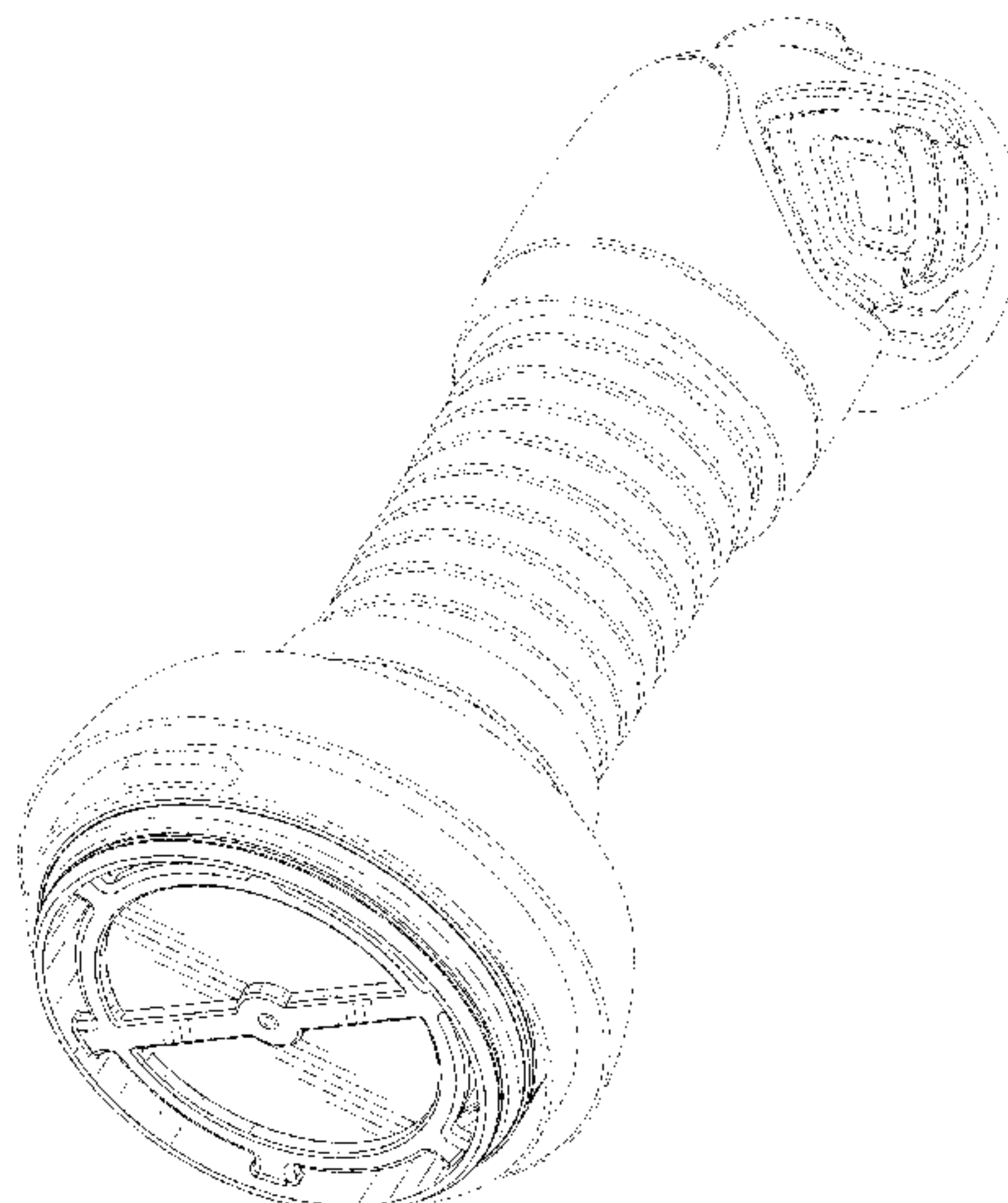
FIG. 16 is a left side view thereof;

FIG. 17 is a right side view thereof; and,

FIG. 18 is a reverse perspective view thereof.

The broken lines represent environmental structure of the
heat and moisture exchanger unit for respiratory mask and
do not form part of the claimed design.

1 Claim, 12 Drawing Sheets



Related U.S. Application Data

division of application No. 29/585,937, filed on Nov.
30, 2016, now Pat. No. Des. 863,545.

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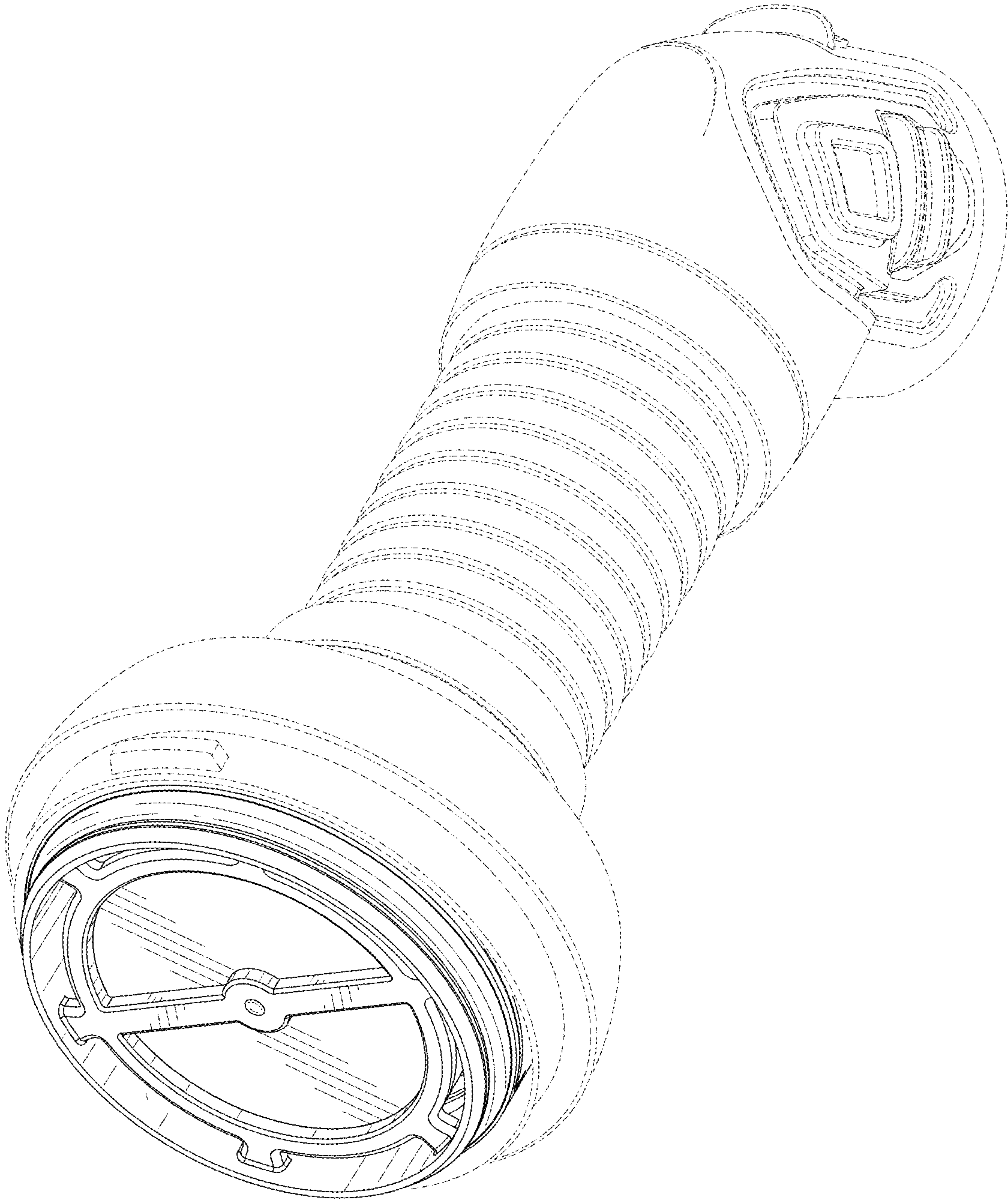


FIG. 1

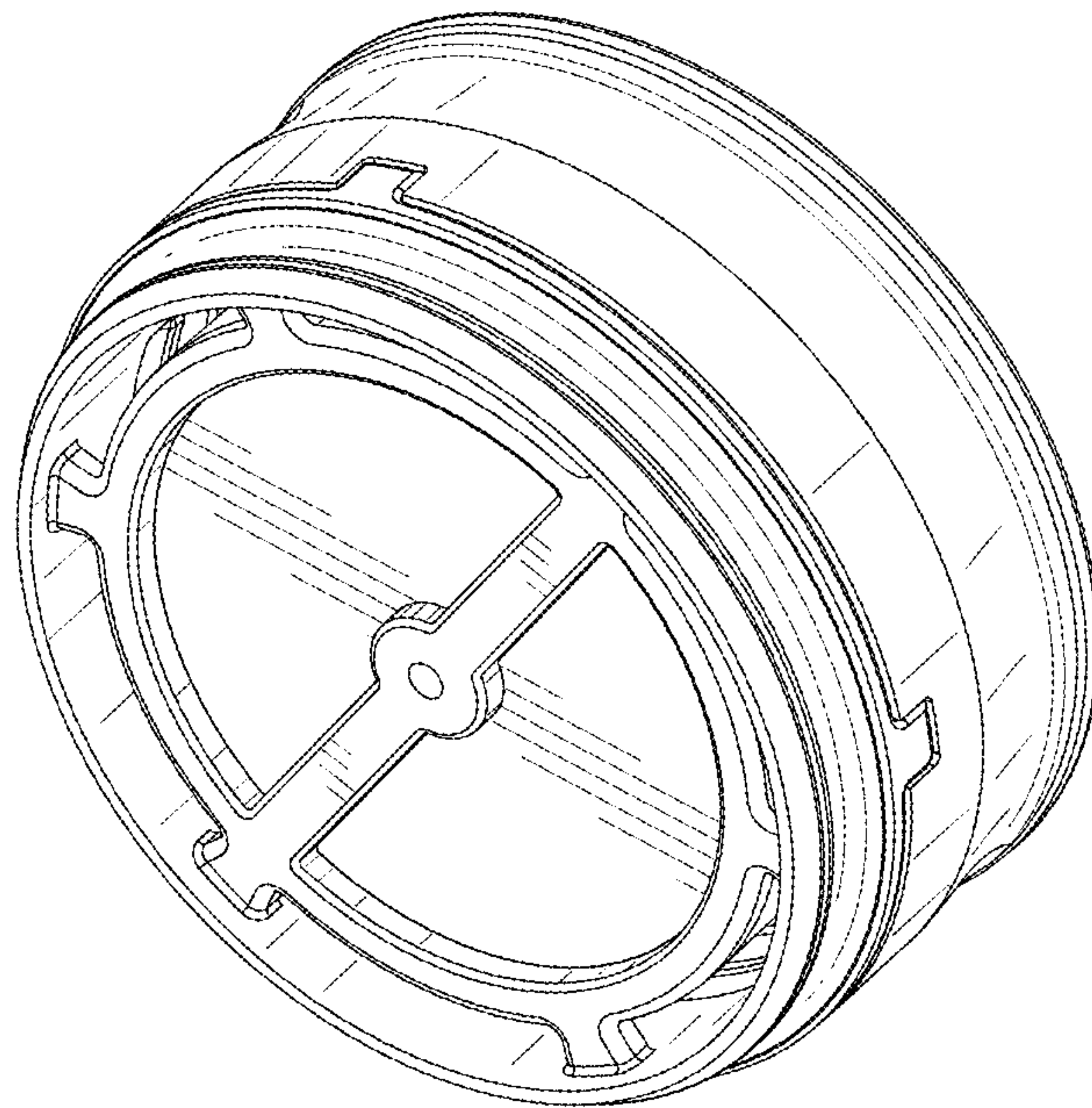


FIG. 2

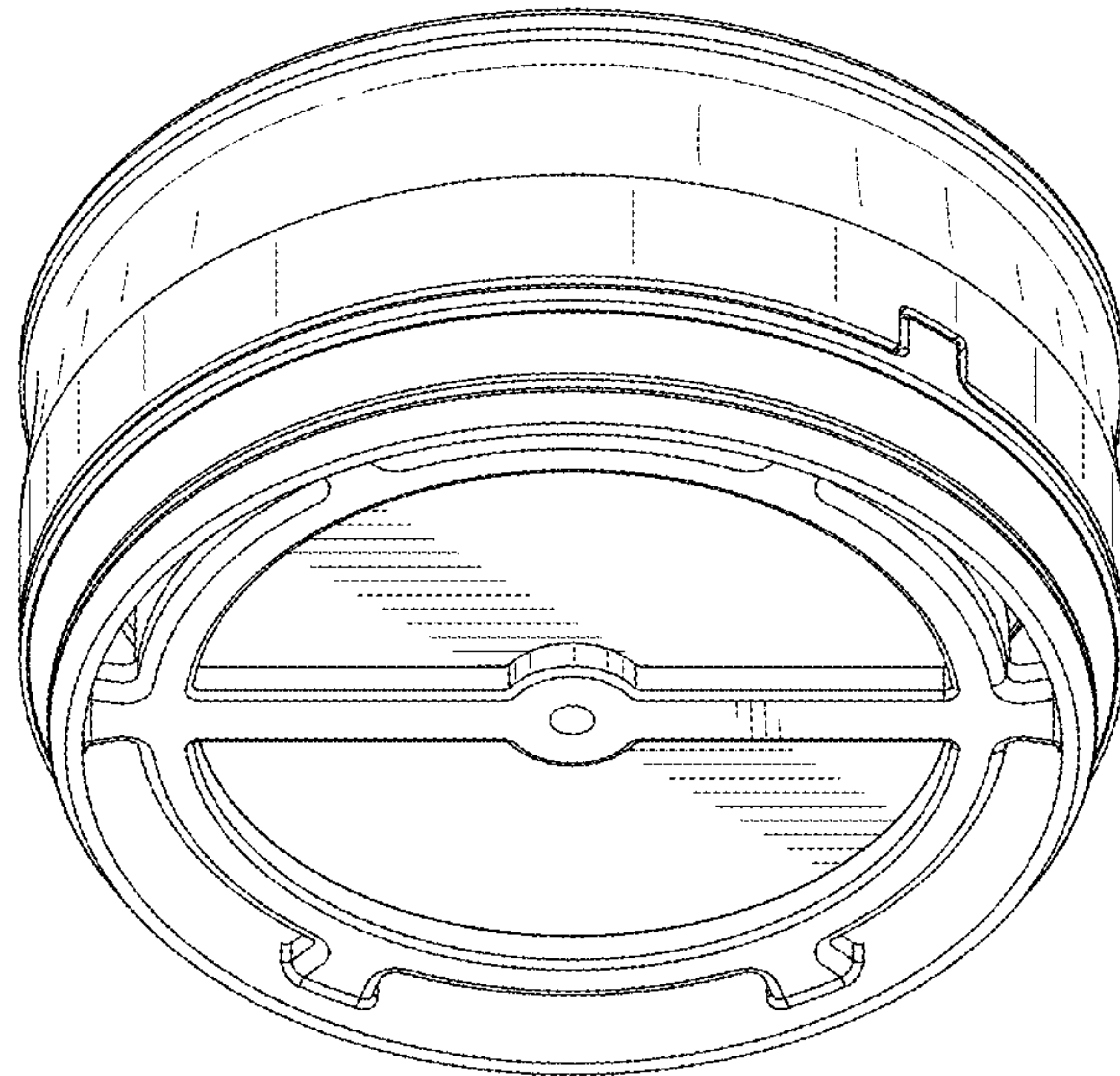


FIG. 3

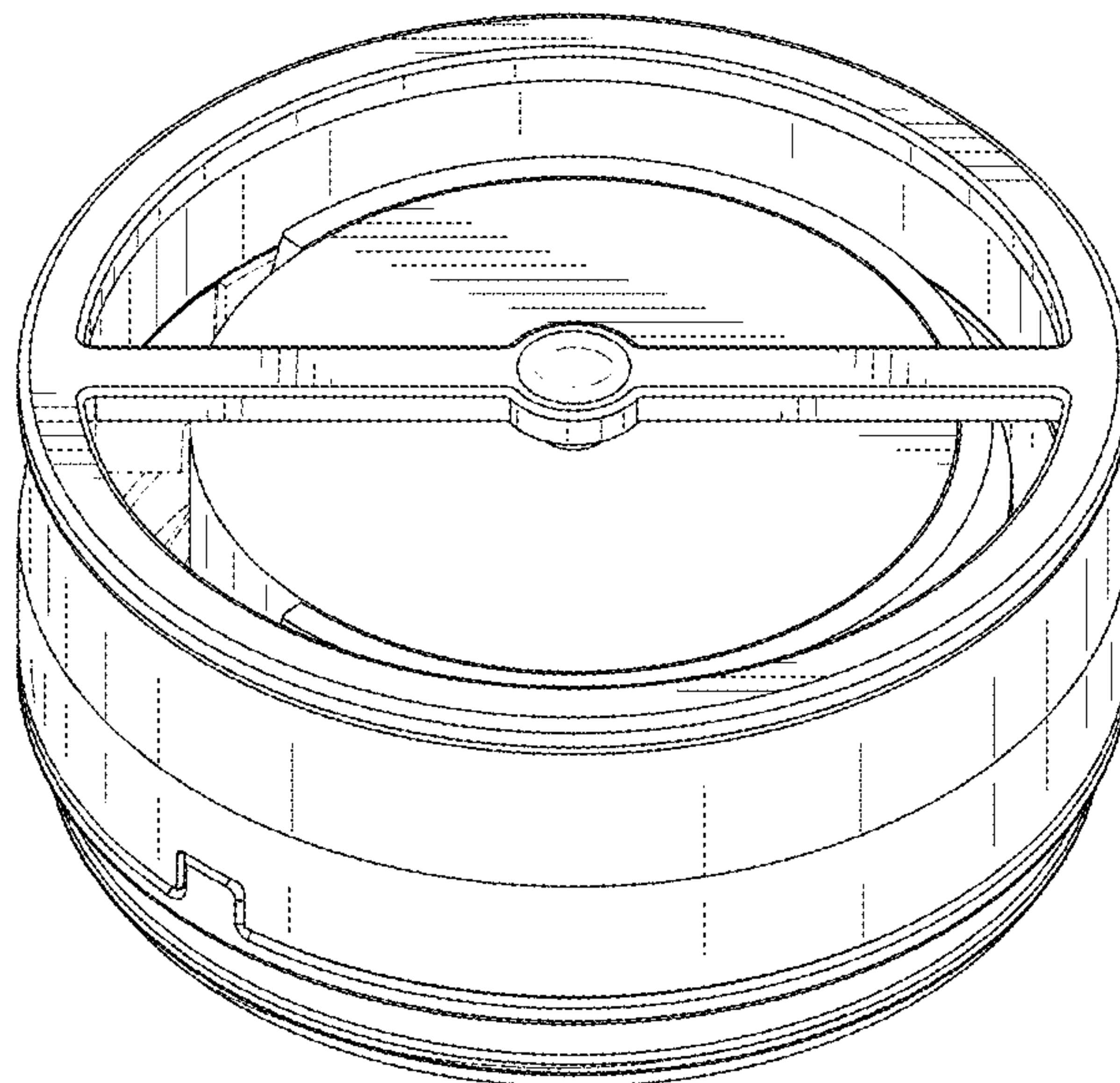


FIG. 4

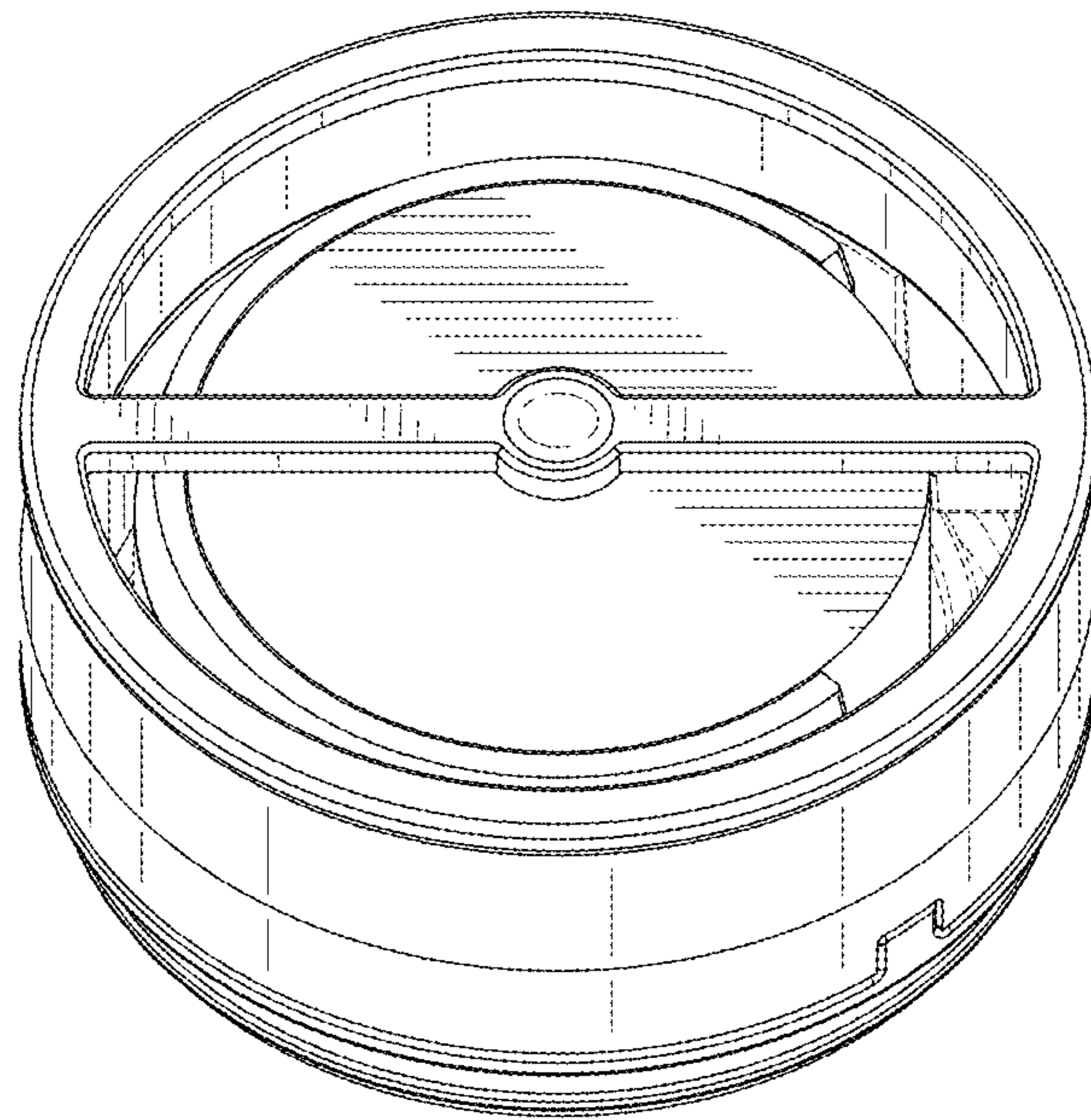


FIG. 5

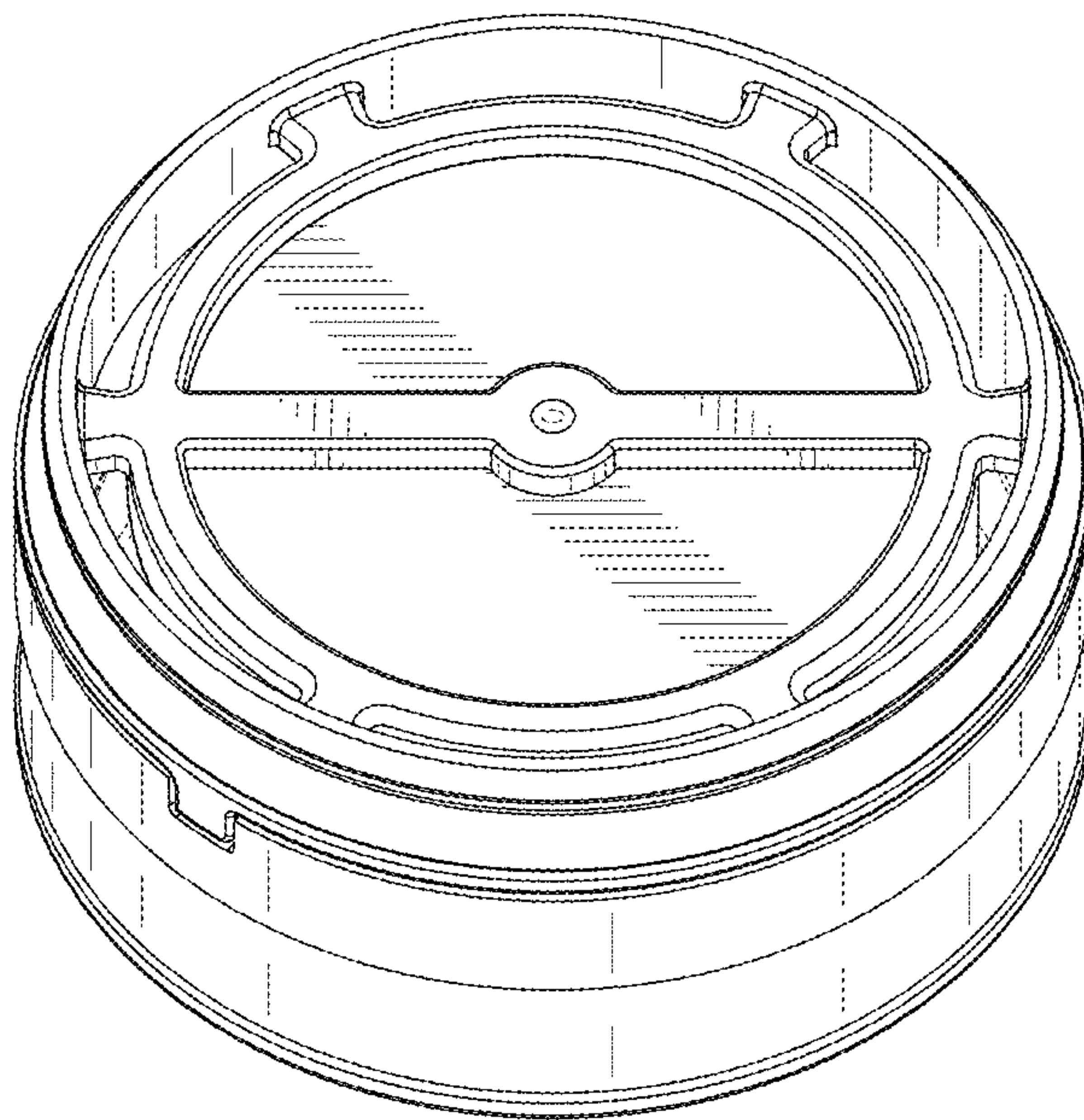


FIG. 6

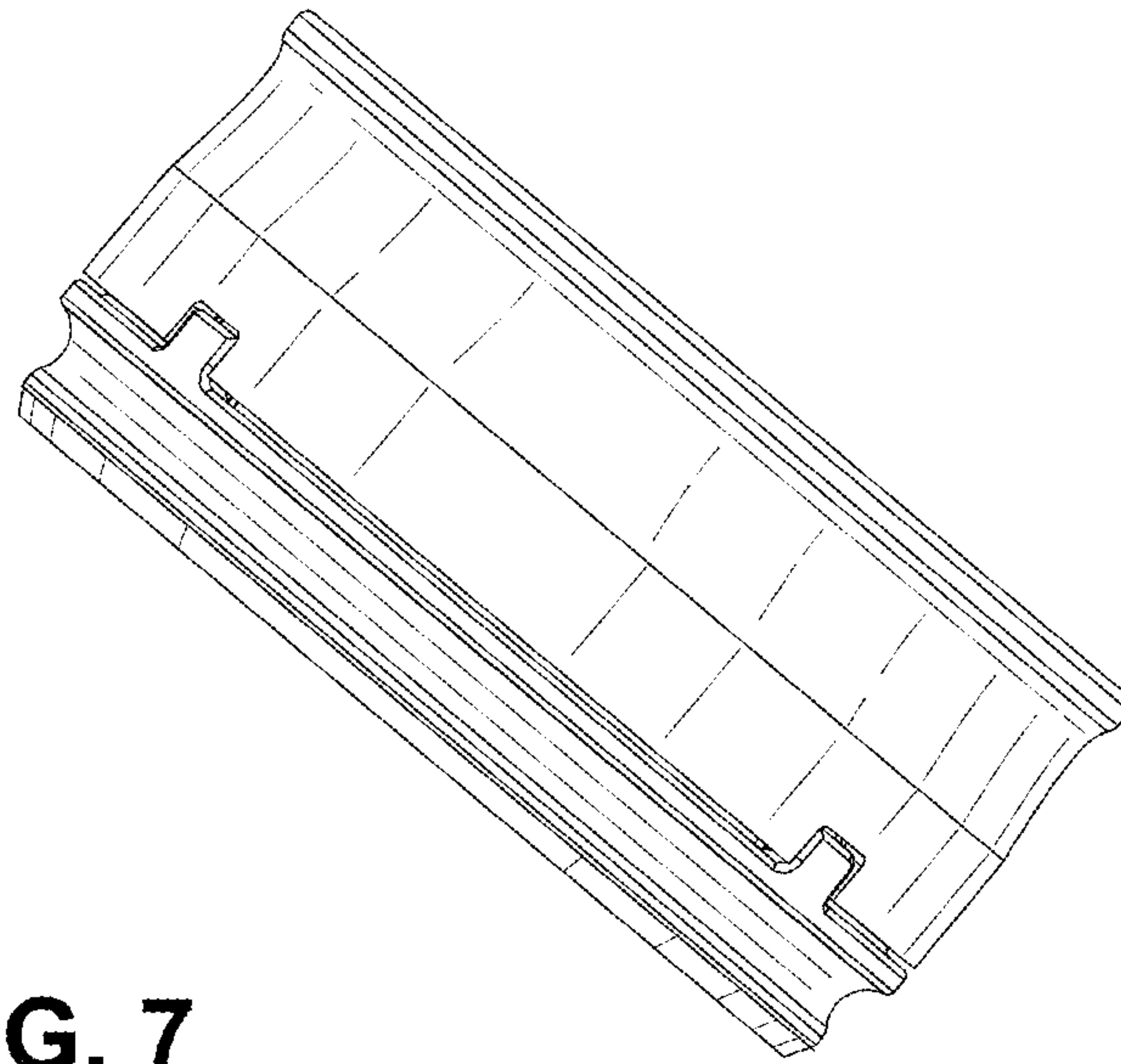


FIG. 7

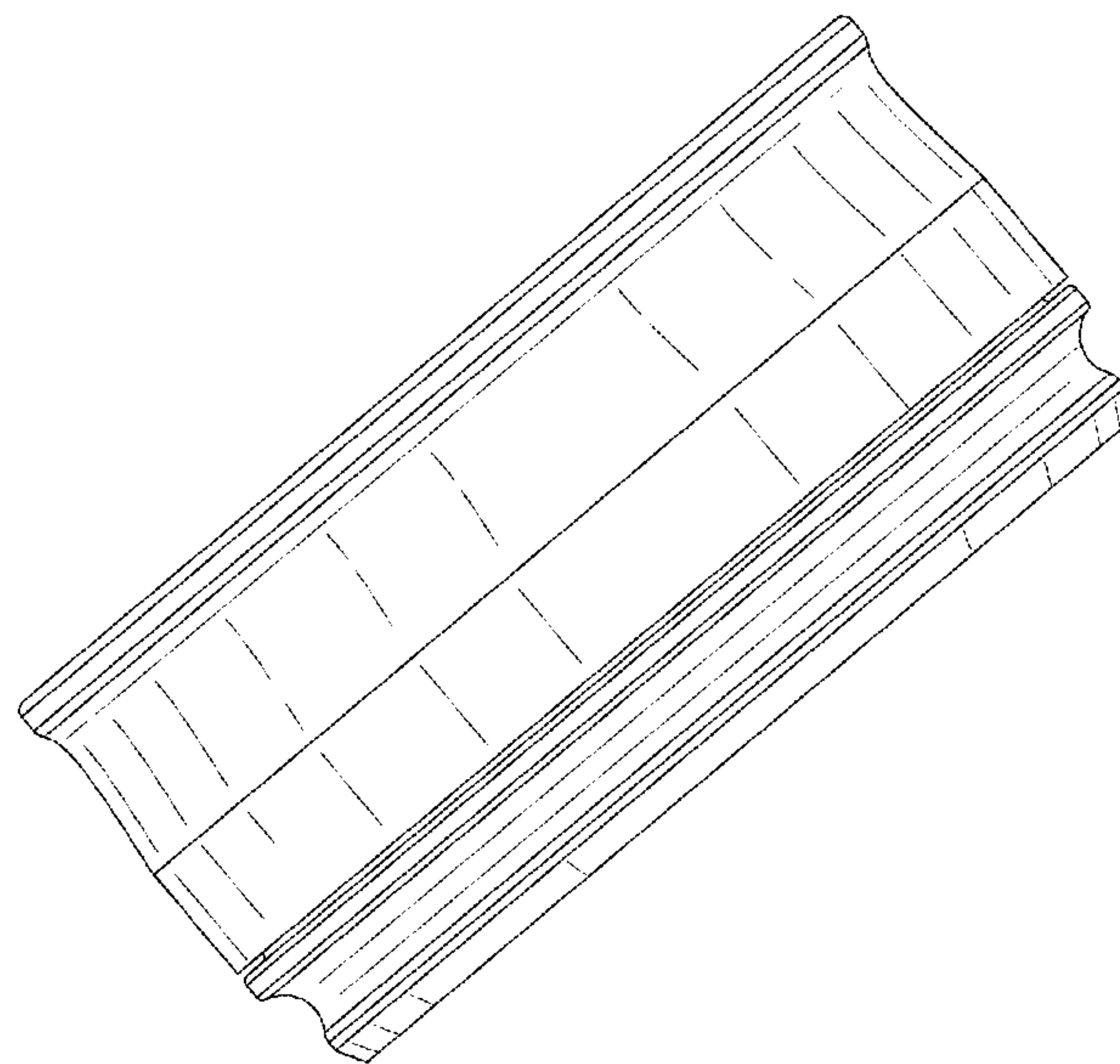


FIG. 8

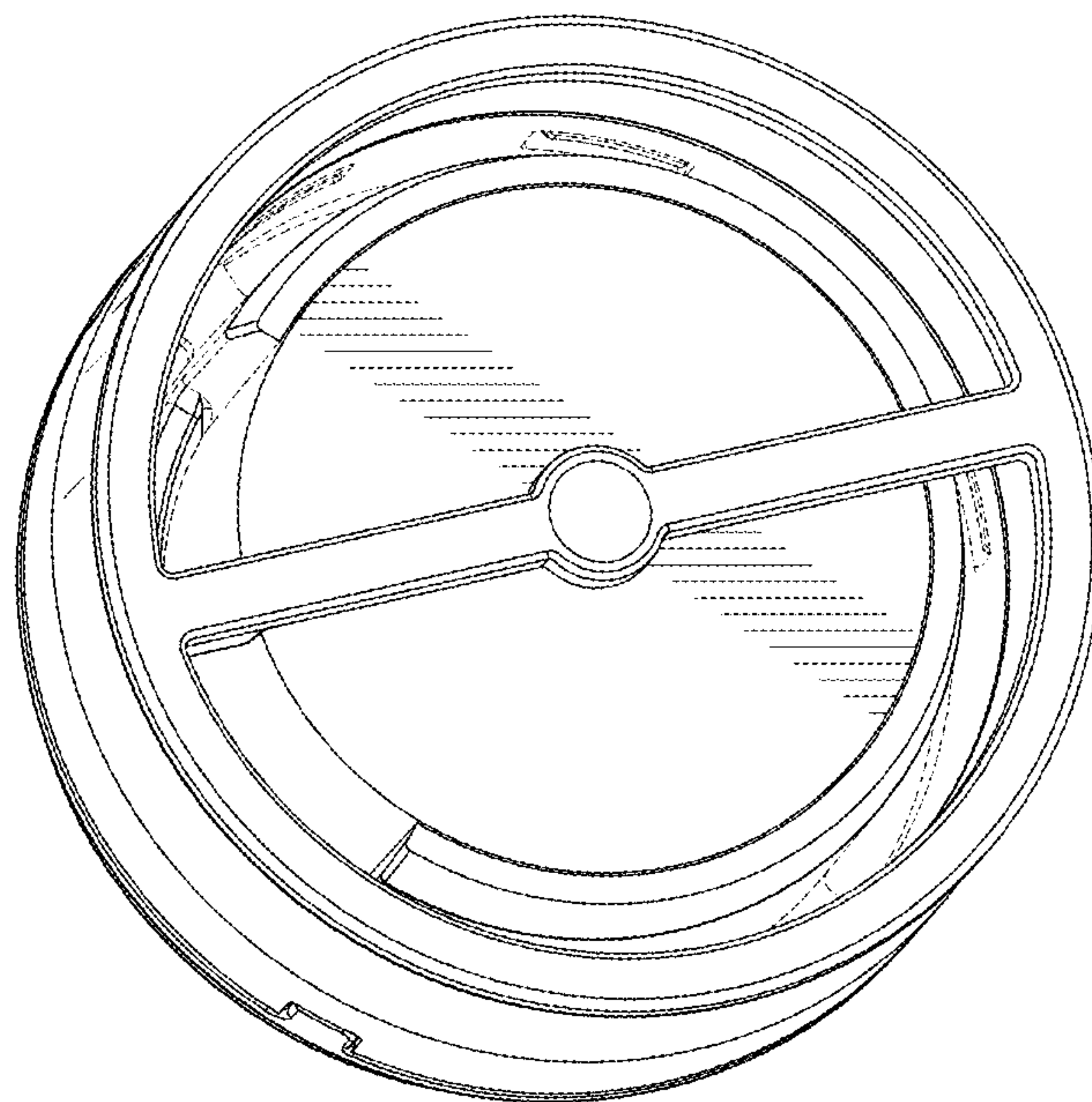


FIG. 9

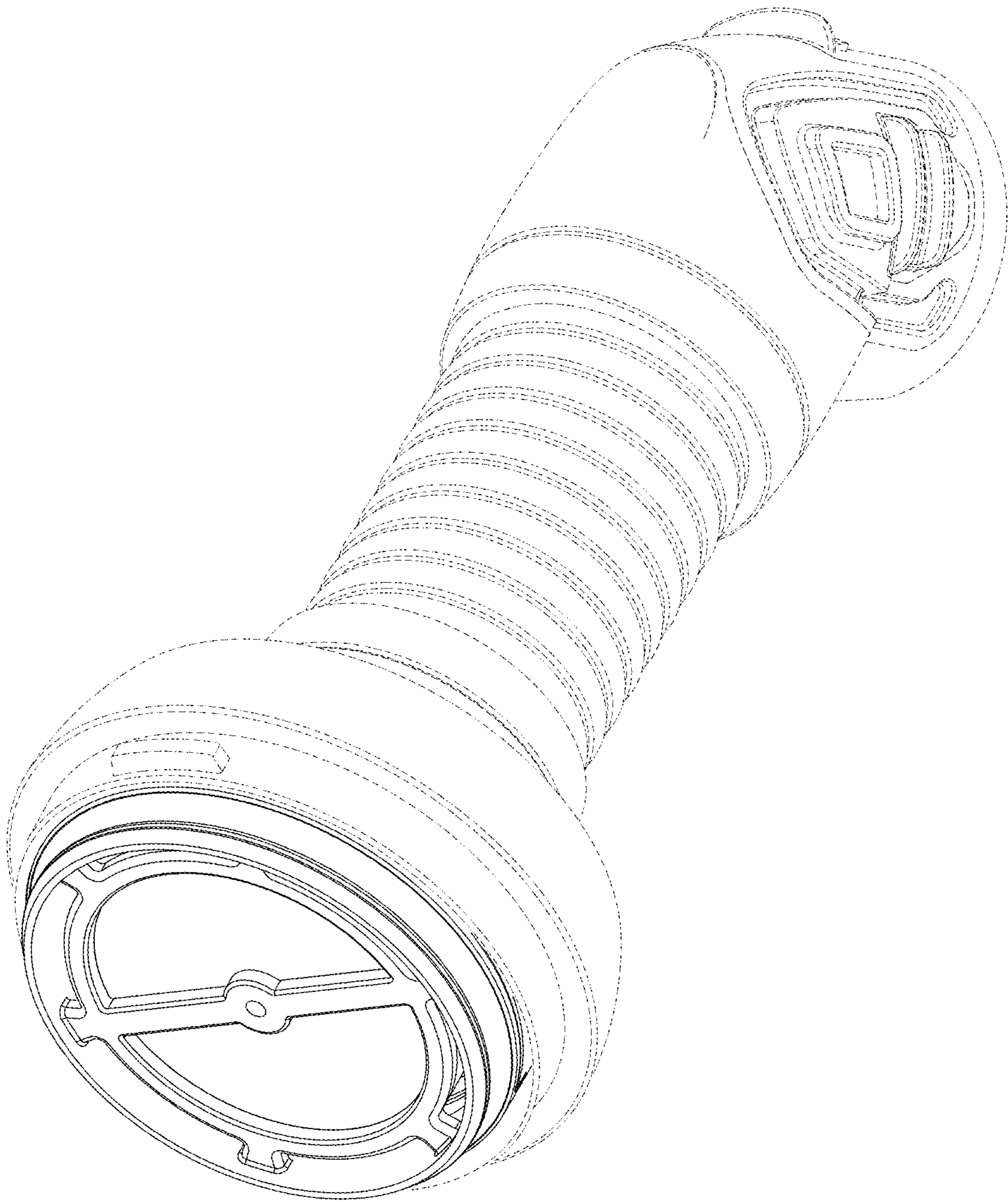


FIG. 10

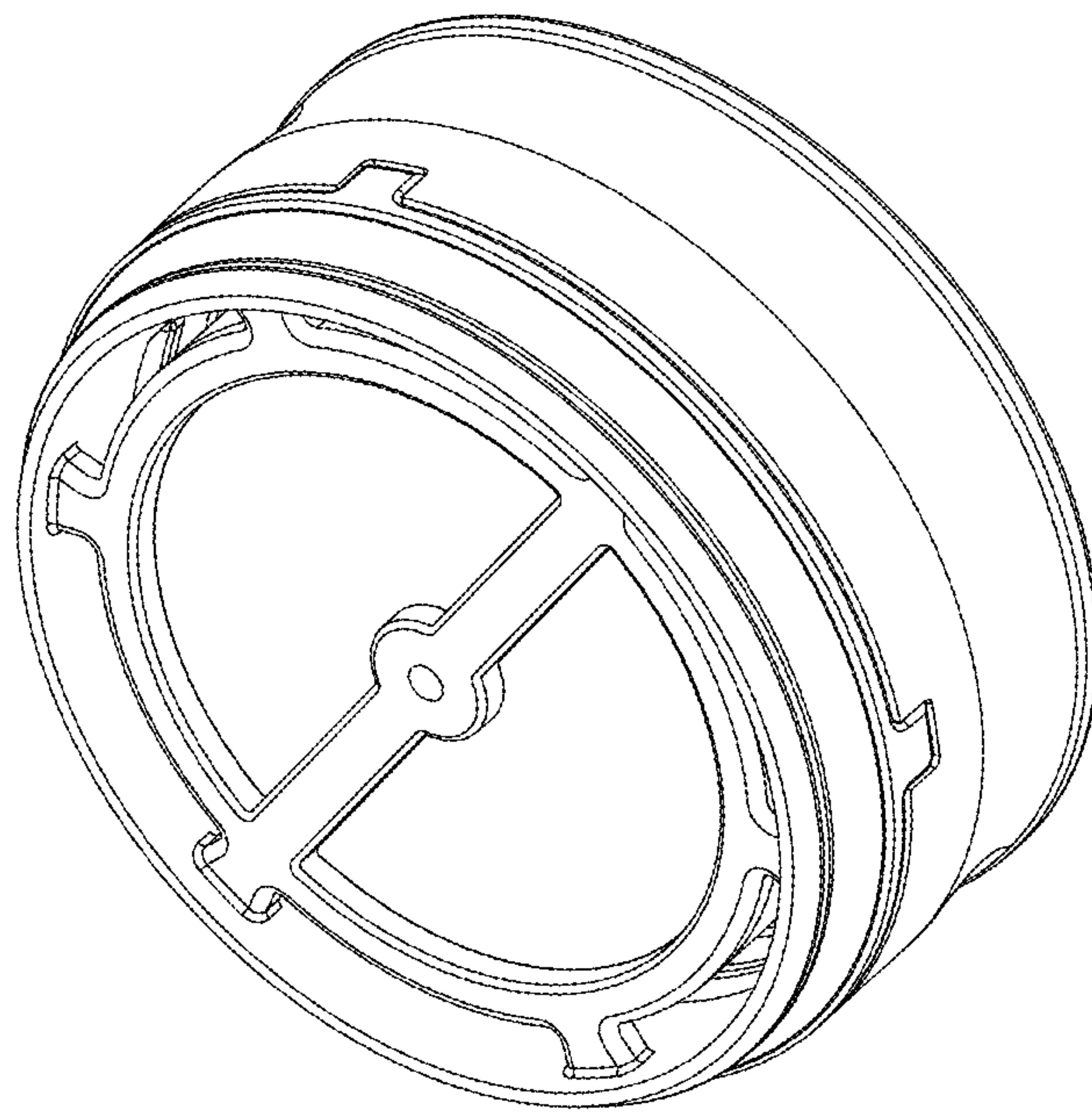


FIG. 11

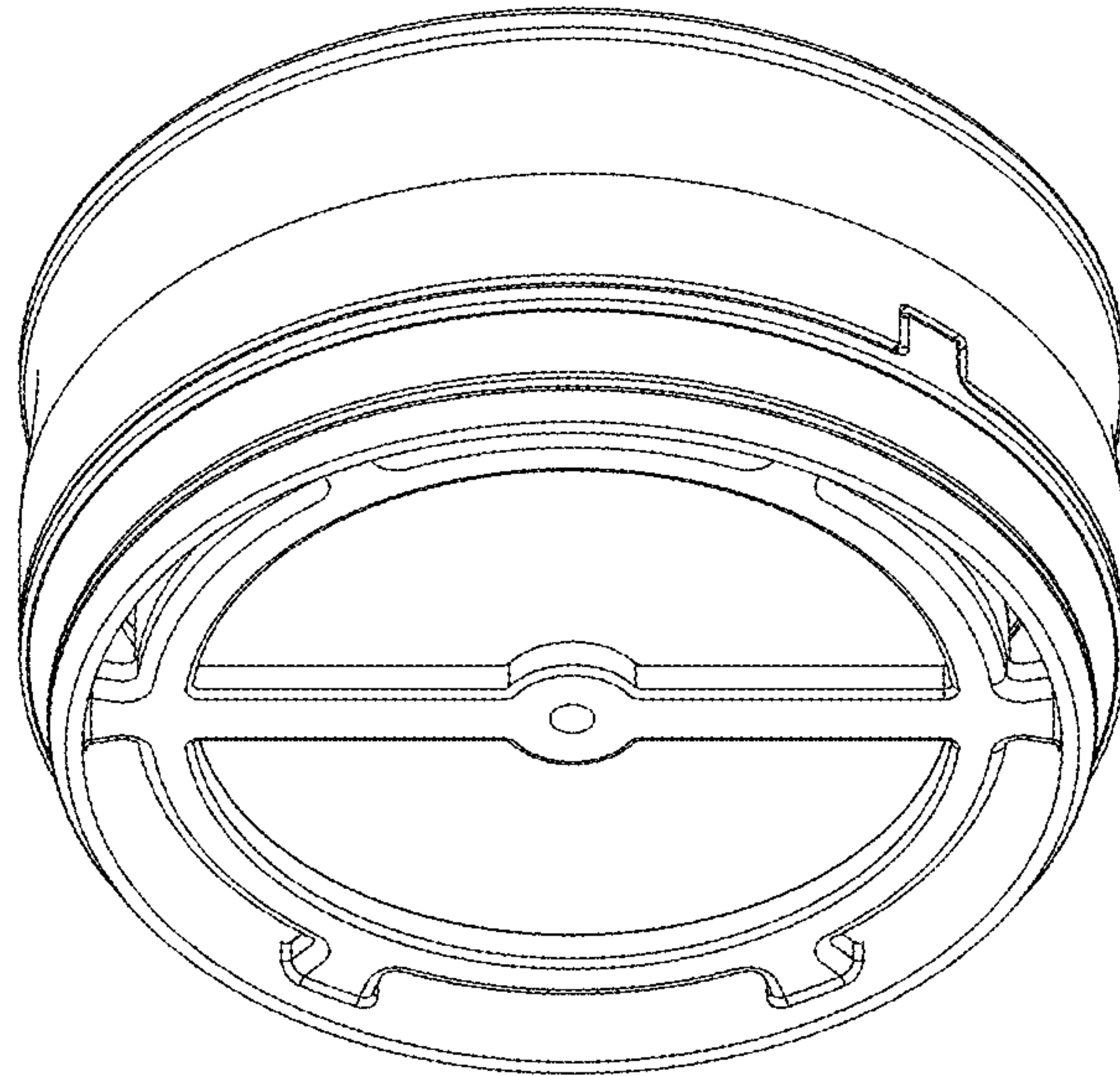


FIG. 12

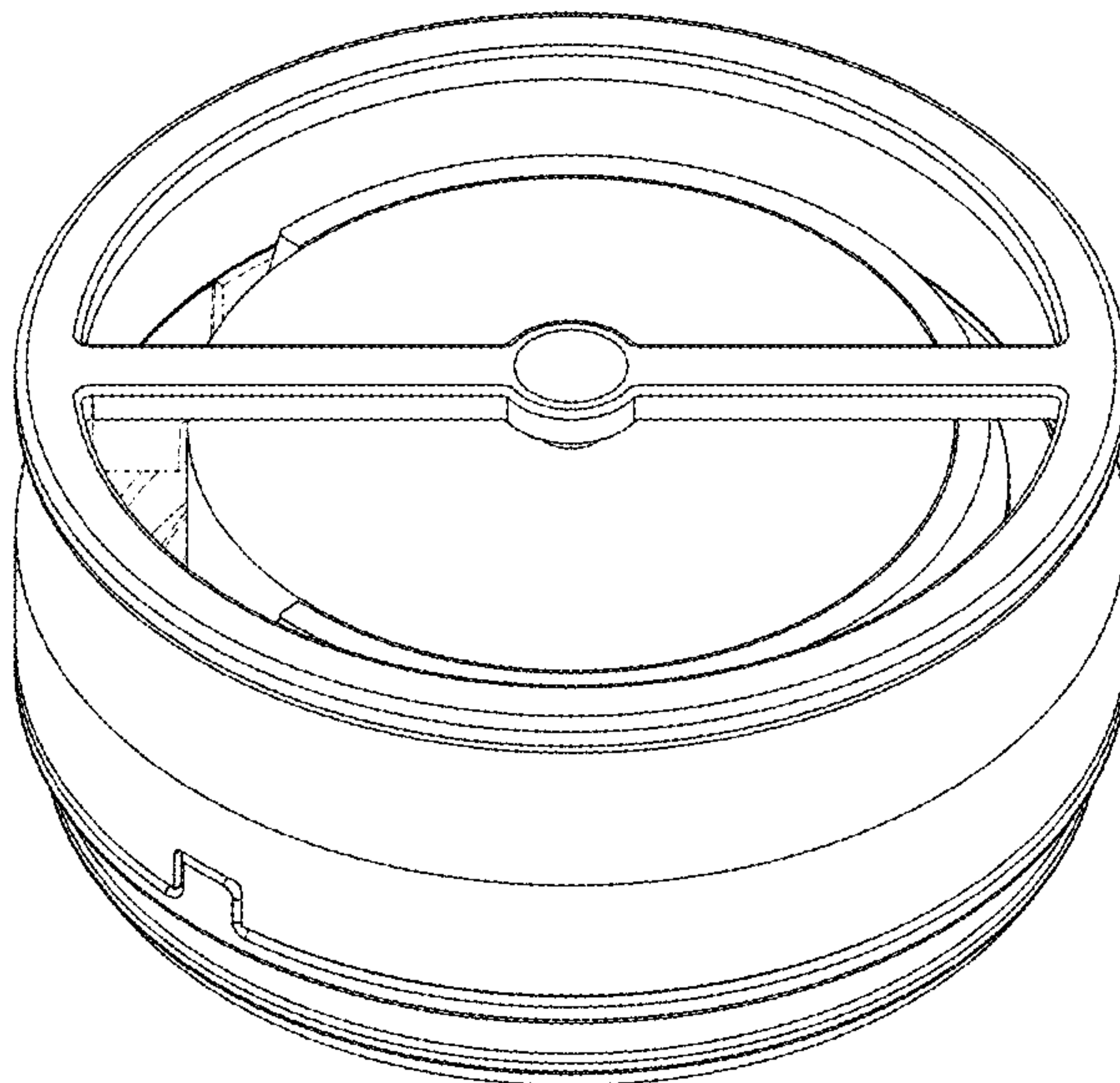


FIG. 13

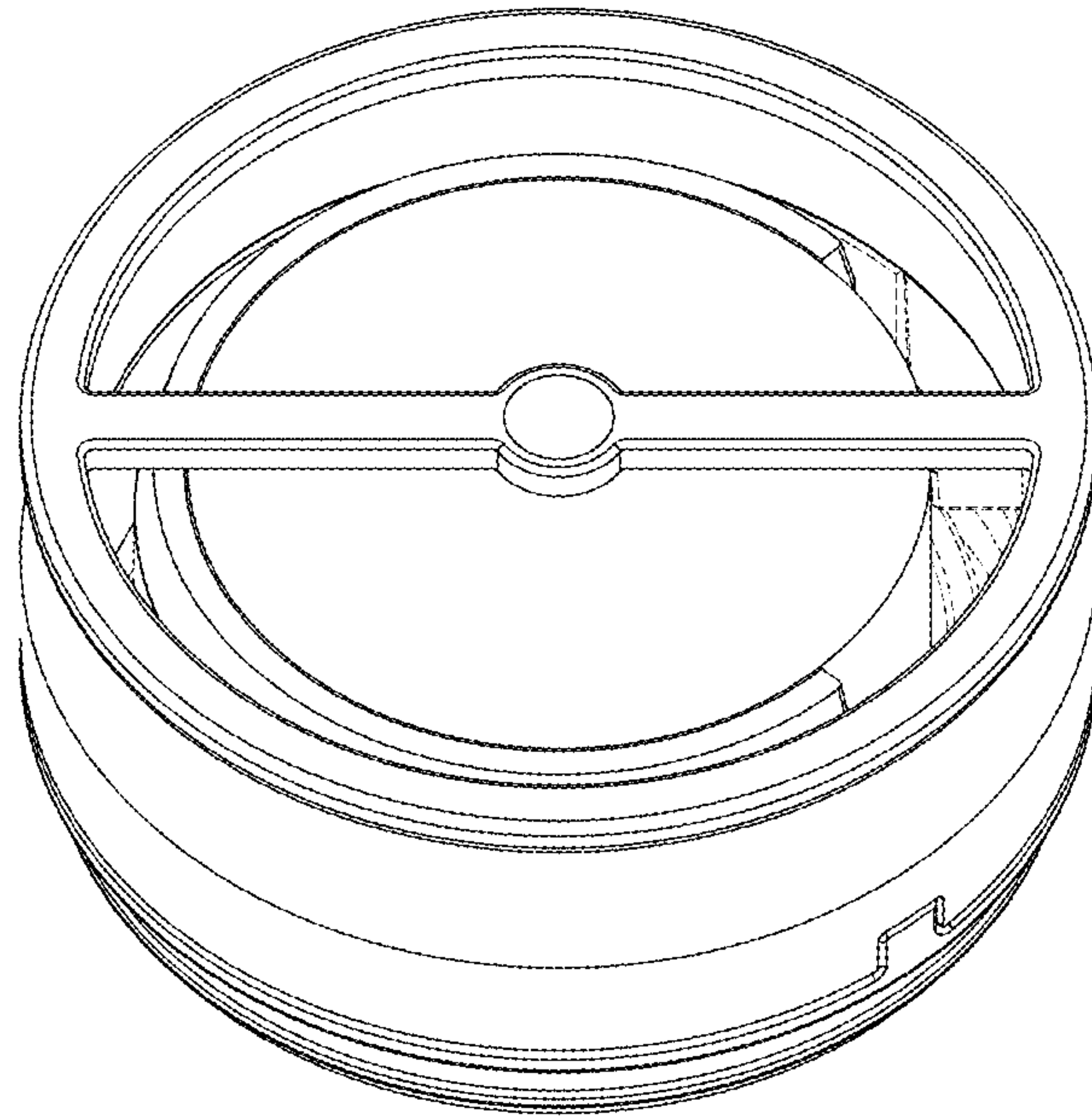


FIG. 14

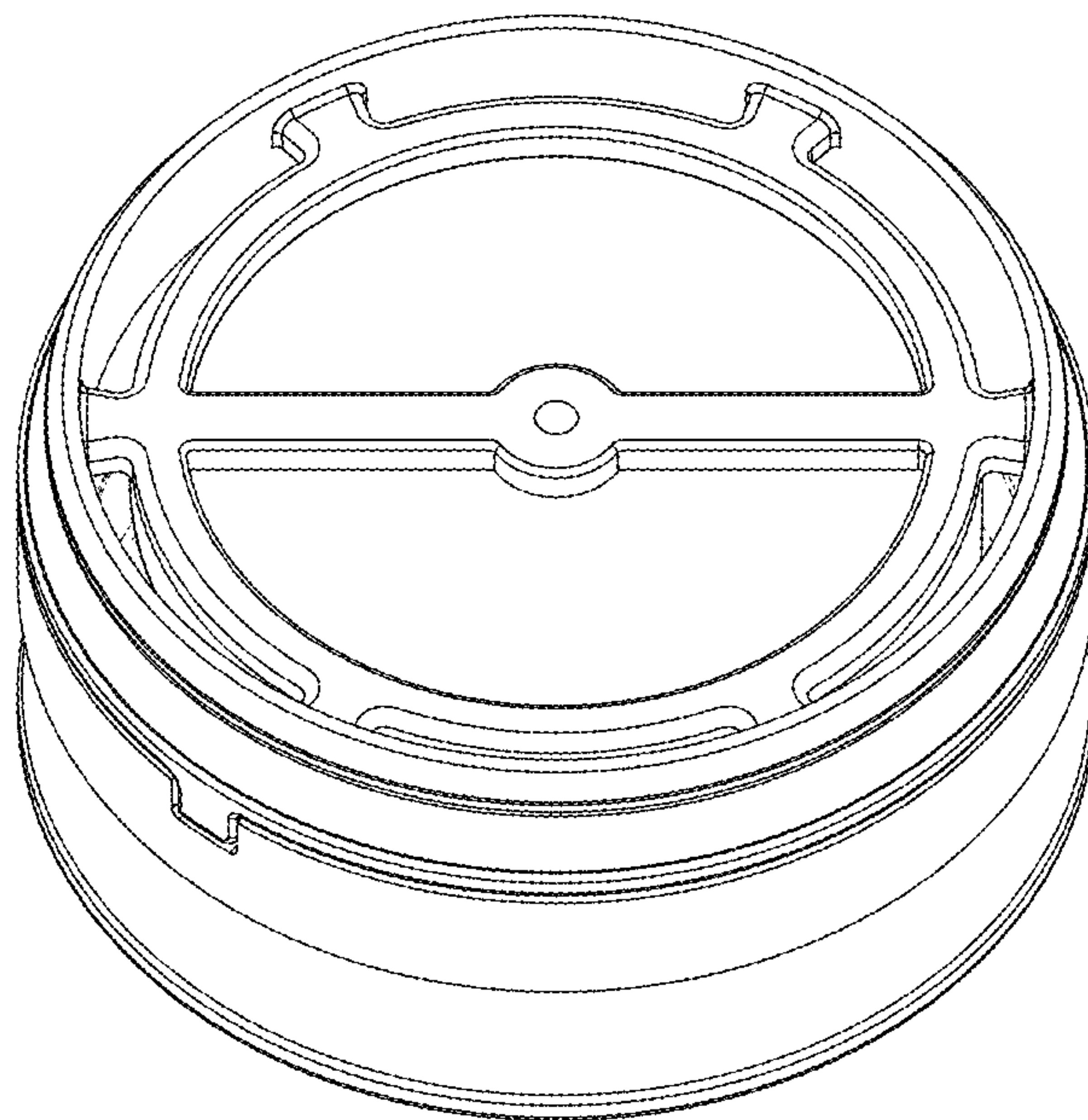


FIG. 15

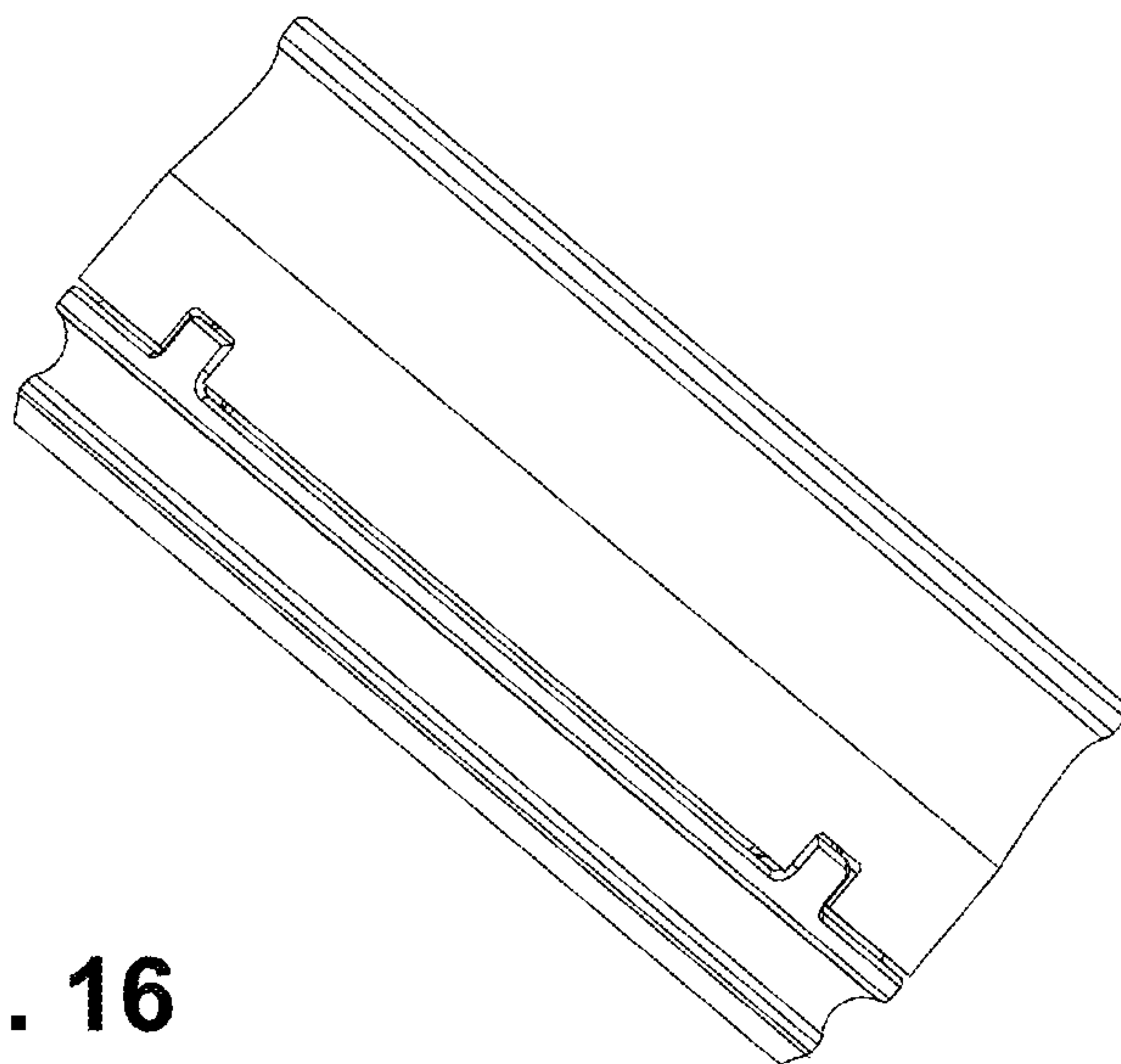


FIG. 16

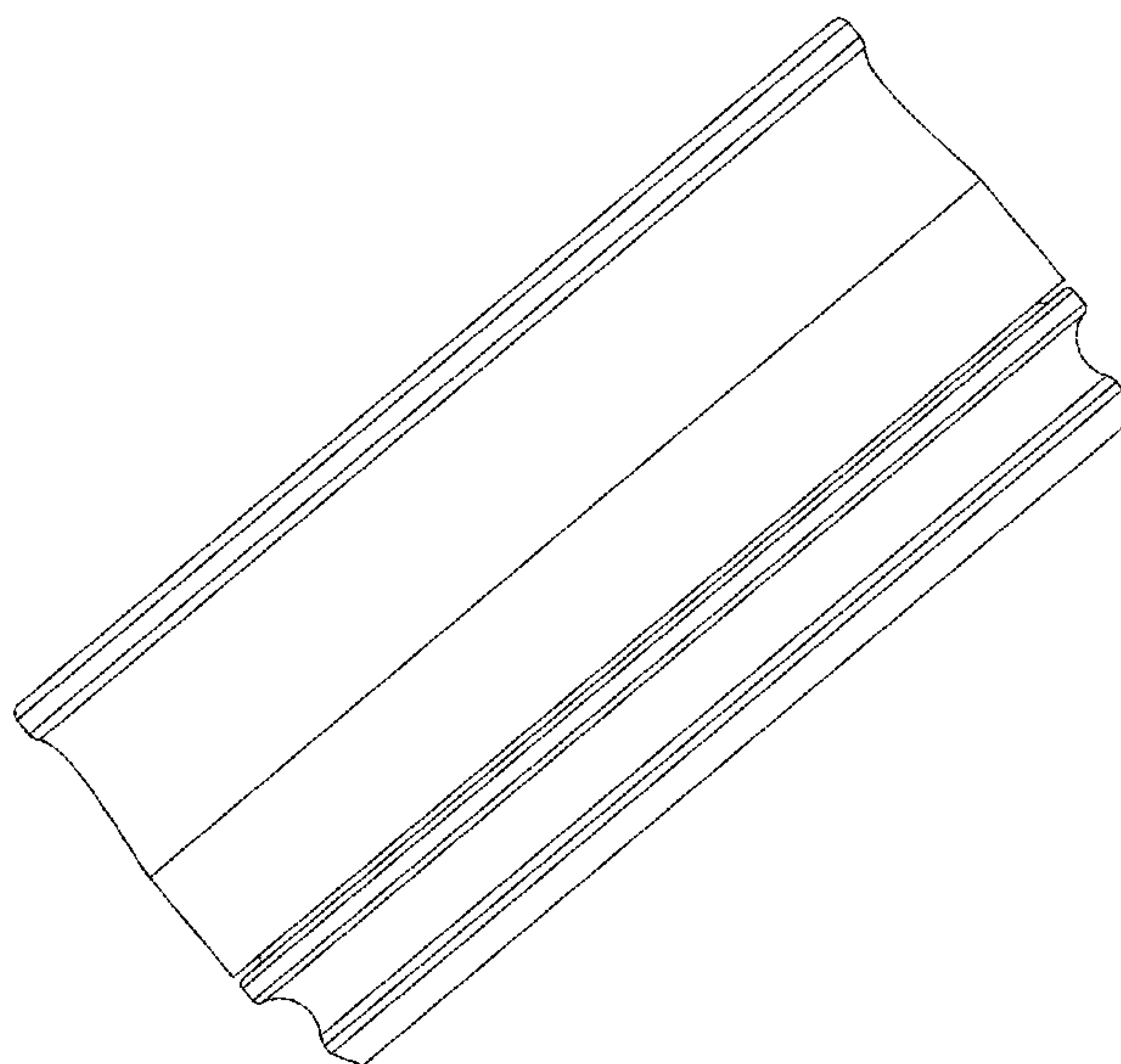


FIG. 17

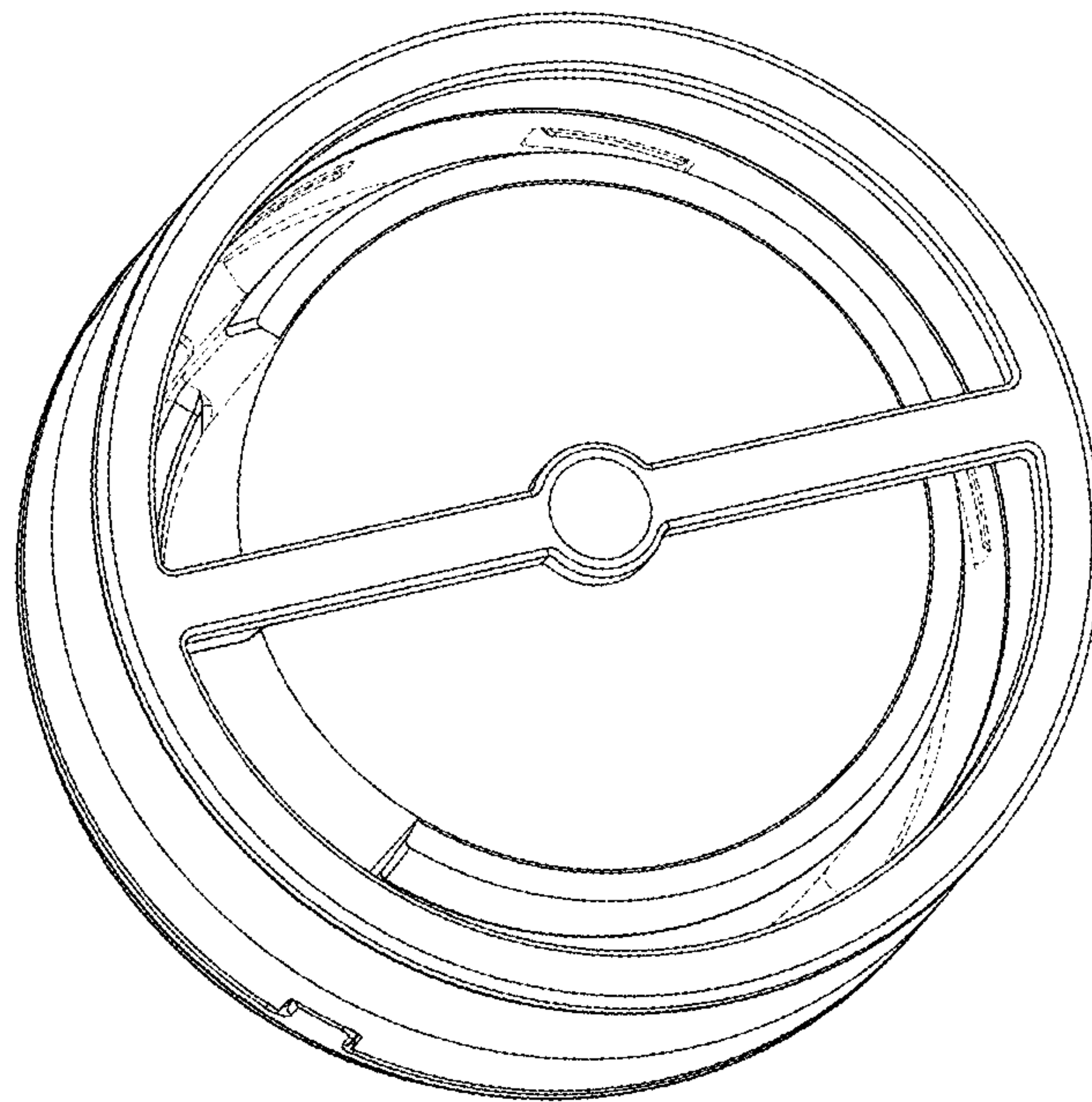


FIG. 18