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

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(54) **BACKFLOW PREVENTER**
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OH (US)
(72) Inventor: **James W. Chandler**, Ashland, OH
(US)

D600,211 S * 9/2009 Strickland, Jr. D13/133
D600,212 S * 9/2009 Strickland, Jr. D13/133
9,777,850 B1 * 10/2017 Handley F16K 27/0209
D871,544 S * 12/2019 Sisk D23/237
D872,232 S * 1/2020 Sisk D23/237
D872,233 S * 1/2020 Sisk D23/237
D872,843 S * 1/2020 Stoffa, Sr. D23/262

(Continued)

(73) Assignee: **VISTA WATER GROUP, LLC**,
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OTHER PUBLICATIONS

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

VistaCheck Dual Check Backflow Preventers; Vista Water Group;
Website Copyright Date 2021; Visited Online Dec. 14, 2021;
<https://vistawatergroup.com/vistacheck-dual-check-backflow-preventers> (Year: 2021).*

(21) Appl. No.: **29/762,181**

(Continued)

(22) Filed: **Dec. 15, 2020**

(51) **LOC (13) Cl.** **23-01**

Primary Examiner — Amy C Wierenga

(52) **U.S. Cl.**
USPC **D23/259**; D23/262; D23/233; D24/176;
D24/129

(74) *Attorney, Agent, or Firm* — Ralph E. Jocke; Walker
& Jocke

(58) **Field of Classification Search**
USPC D23/213, 226, 245, 259, 262, 266, 206,
D23/233, 263, 265, 234–237, 258;
D24/108, 112–113, 129, 133, 135,
D24/137–138, 141, 127, 176–177, 180,
D24/182; 285/239, 305, 308, 316–318,
285/322, 83, 275, 277, 148.14, 148.21,
285/268, 148.2, 179, 53, 148.19, 148.22,
285/235; 137/614.04, 149.6, 515, 798;
D8/14.1, 45, 382; D13/154–156
CPC F16L 11/00; F16L 37/0985; F16L 33/30;
F16L 55/1157; F16L 37/32; F16K
27/0209; F16K 31/12
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a backflow preventer, as shown
and described.

DESCRIPTION

FIG. 1 is a front left bottom perspective view of the backflow
preventer showing my new design;
FIG. 2 is a front top left perspective view thereof;
FIG. 3 is a front right bottom perspective view thereof;
FIG. 4 is a front top right perspective view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a right side view thereof;
FIG. 8 is a bottom view thereof;
FIG. 9 is a back view thereof; and,
FIG. 10 is a front view thereof.

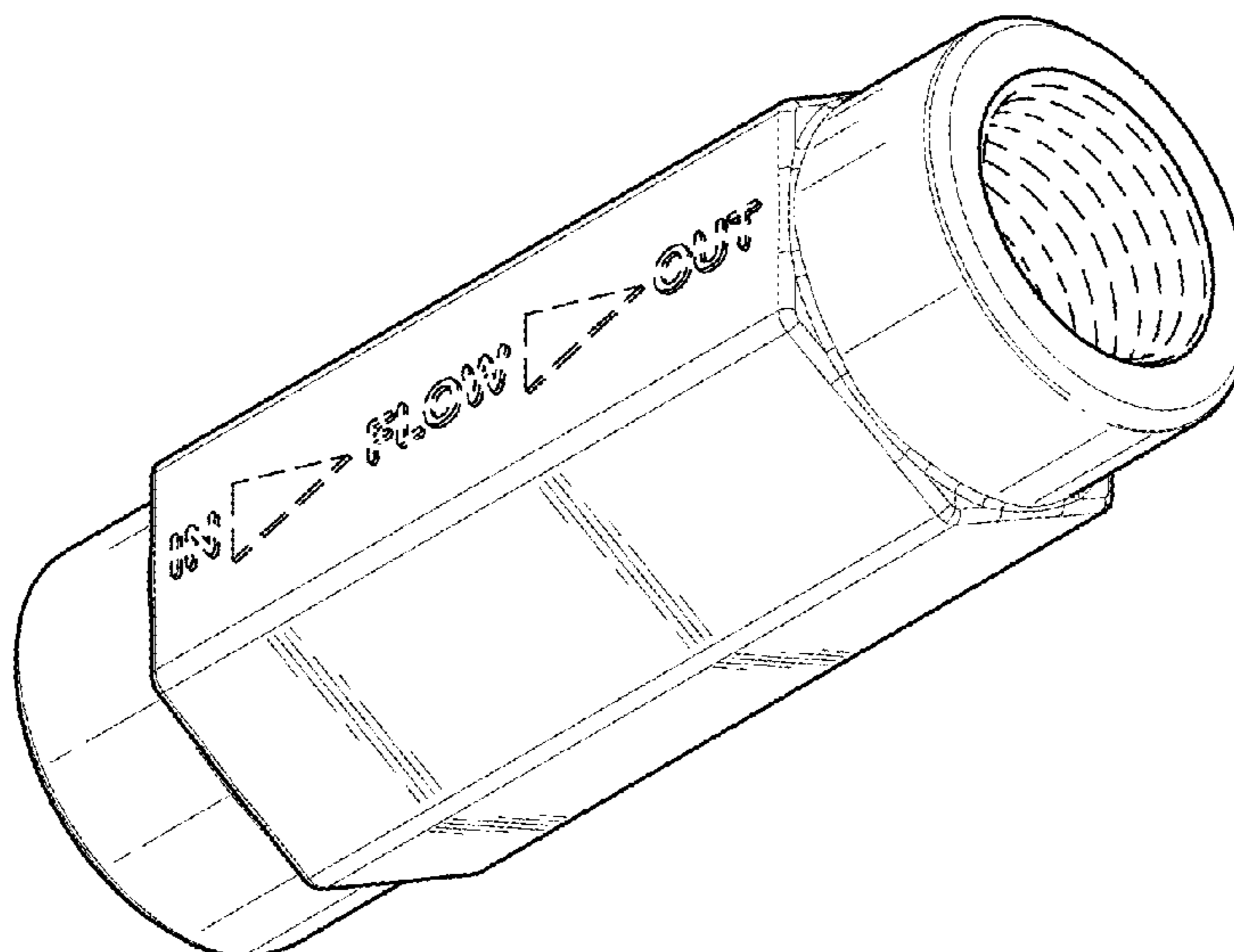
The broken lines shown in the drawings represent portions
of the backflow preventer that form no part of the claimed
design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,936,078 A * 2/1976 Wallyn F16L 27/107
285/49
D260,280 S * 8/1981 Campbell D23/237
D301,722 S * 6/1989 Sachs D20/22

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2019/0242777 A1* 8/2019 Young F16K 17/30
2019/0293330 A1* 9/2019 Danielson F25B 45/00

OTHER PUBLICATIONS

BFV-SE Saliva Ejector Backflow Valve; Henry Schein Dental
Website Copyright Date 2021; Visited Online Dec. 14, 2021;
[https://www.henryschein.com/us-en/dental/p/evacuation-products/
evacuation-accessories/backflow-valve-f-saliva/7050049](https://www.henryschein.com/us-en/dental/p/evacuation-products/evacuation-accessories/backflow-valve-f-saliva/7050049) (Year: 2021).*

* cited by examiner

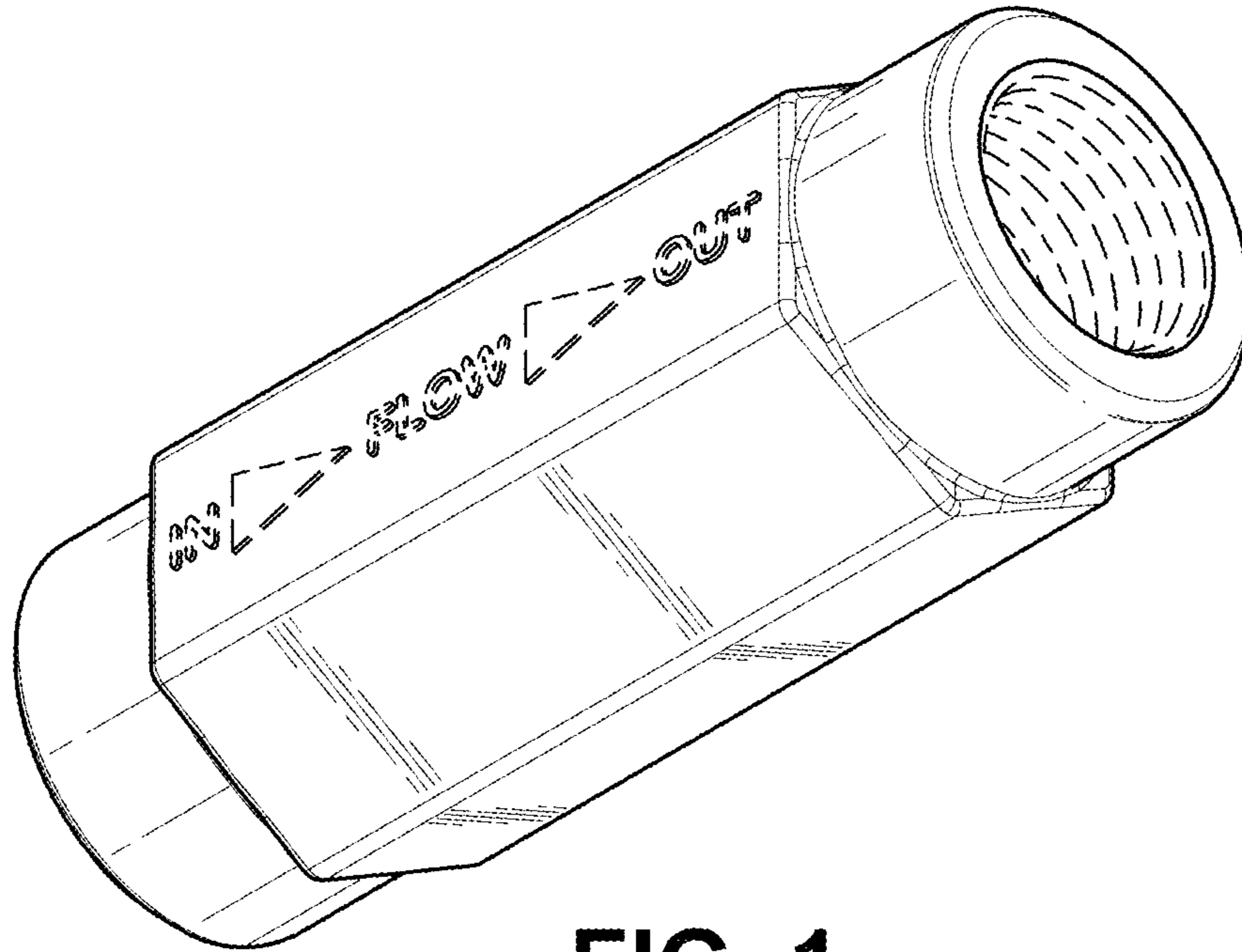


FIG. 1

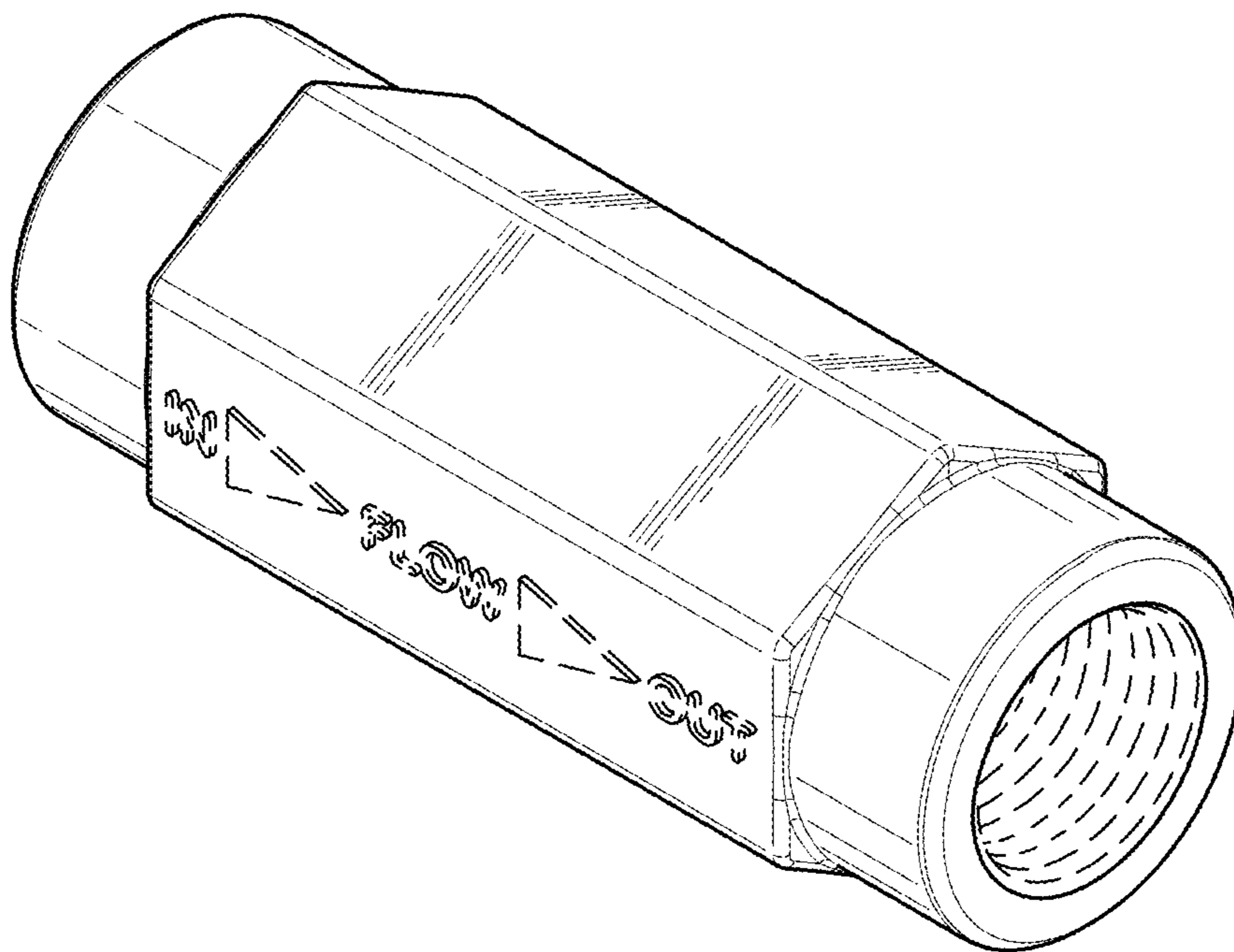


FIG. 2

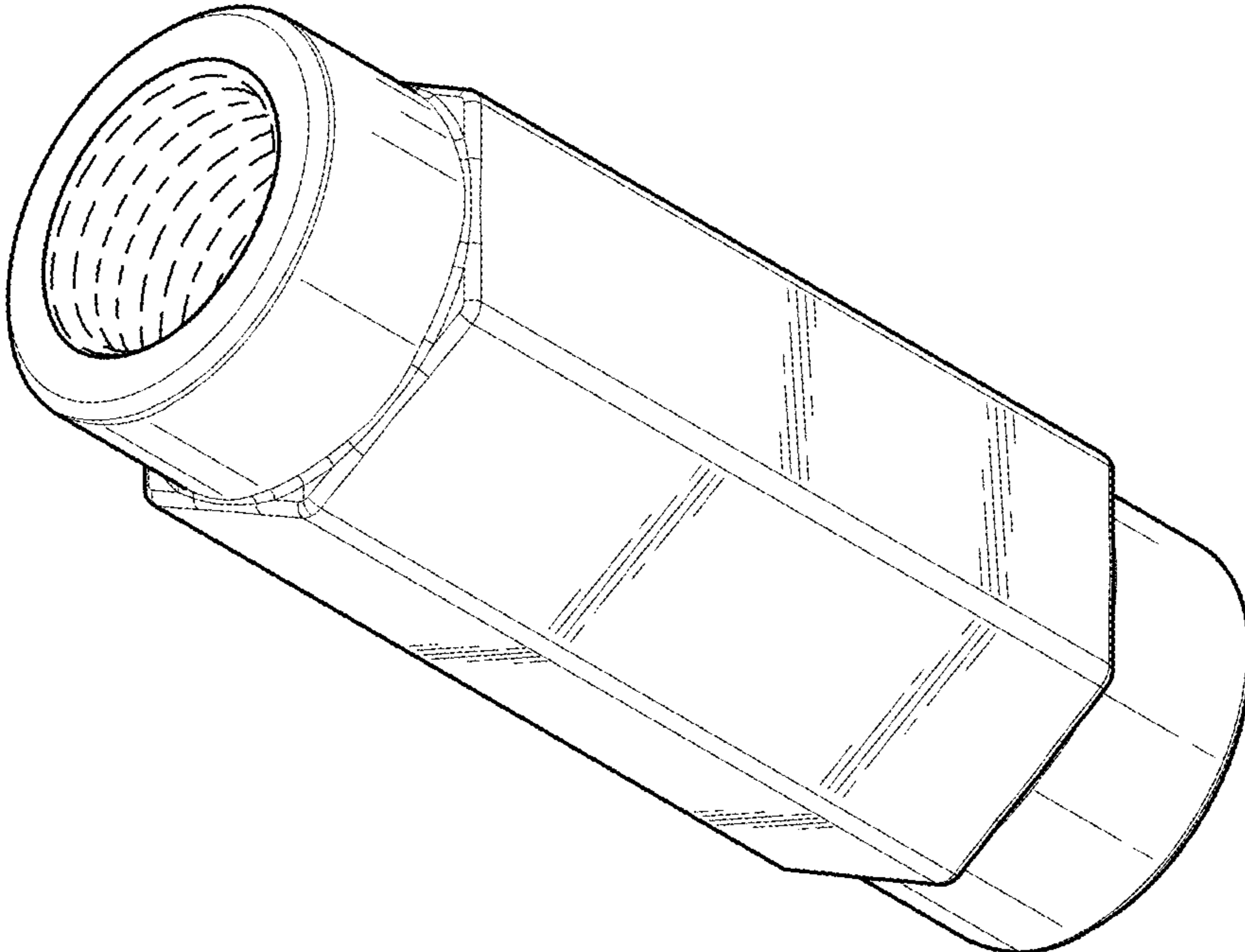


FIG. 3

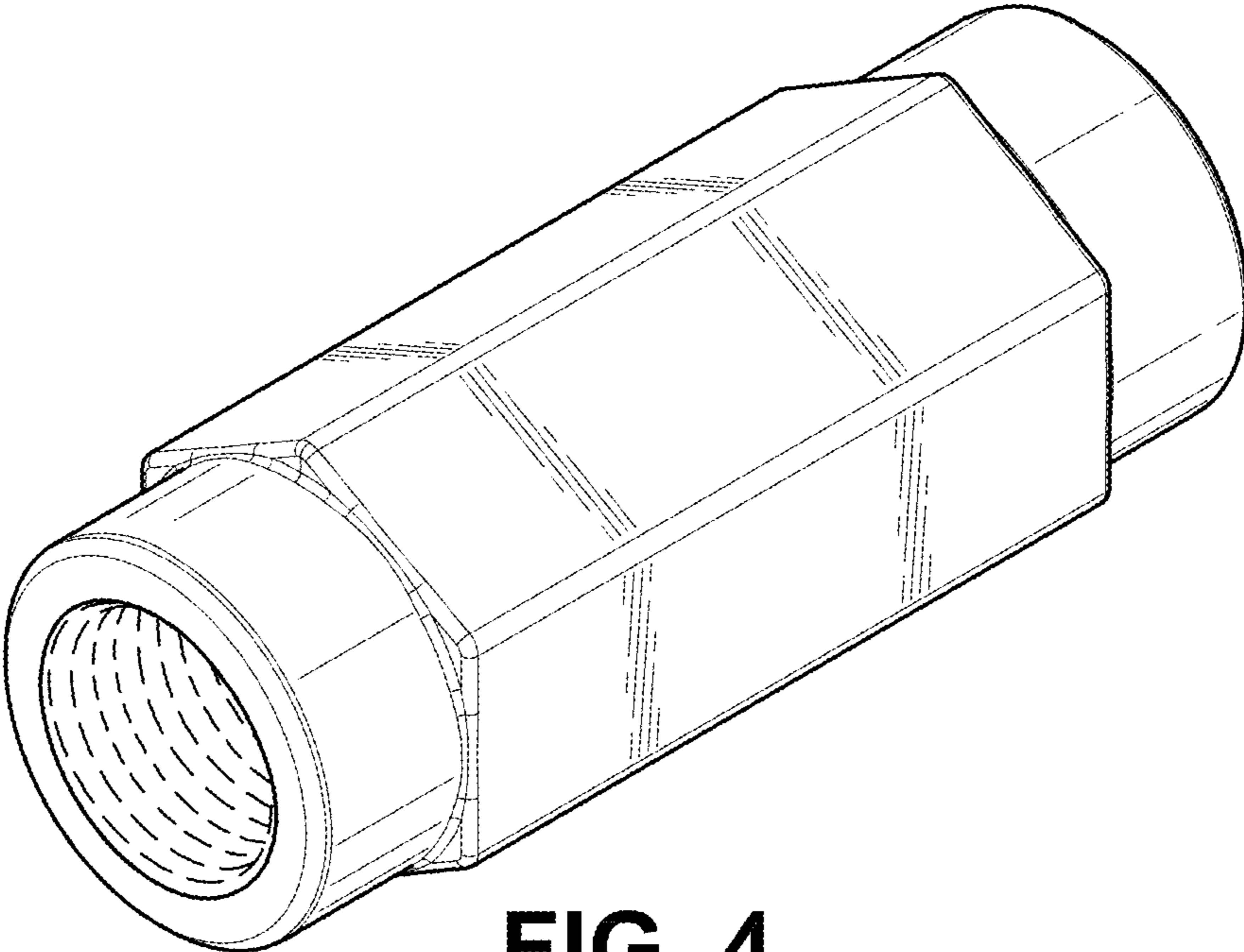


FIG. 4

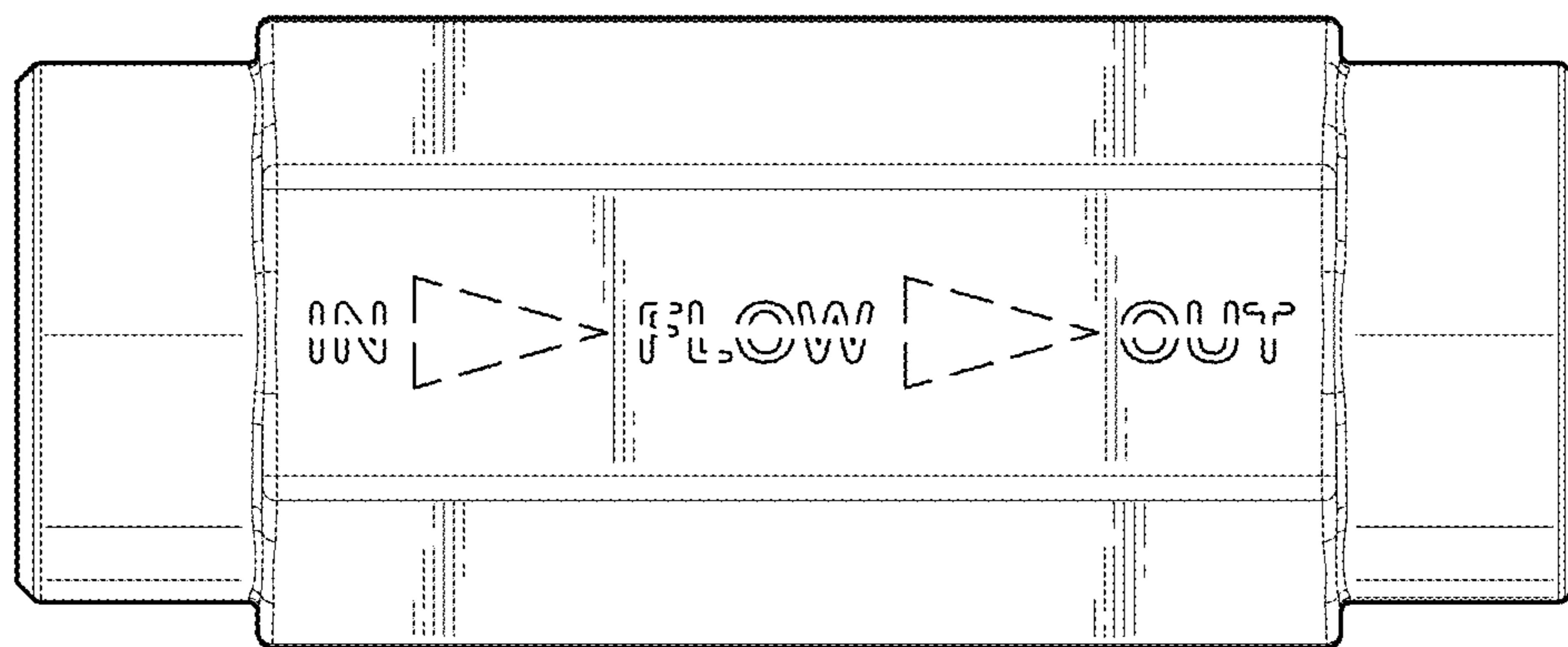


FIG. 5

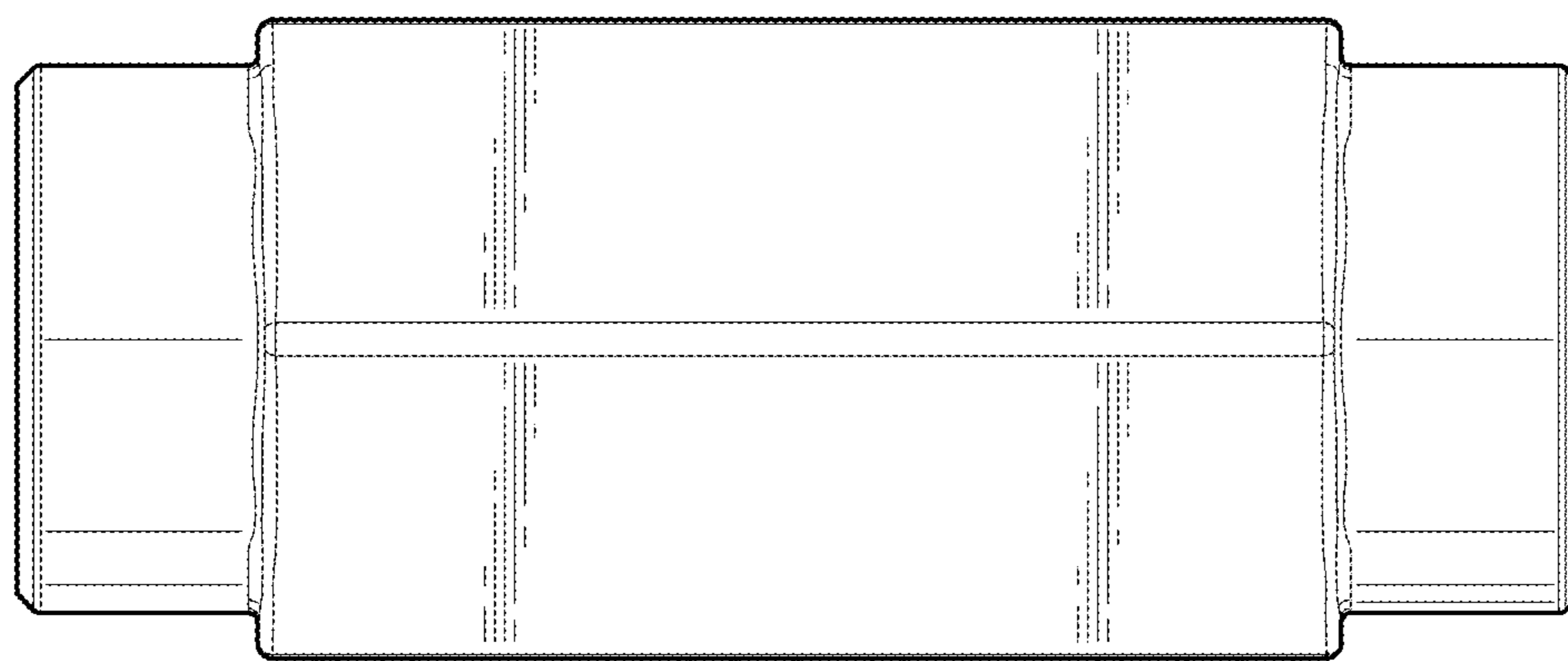


FIG. 6

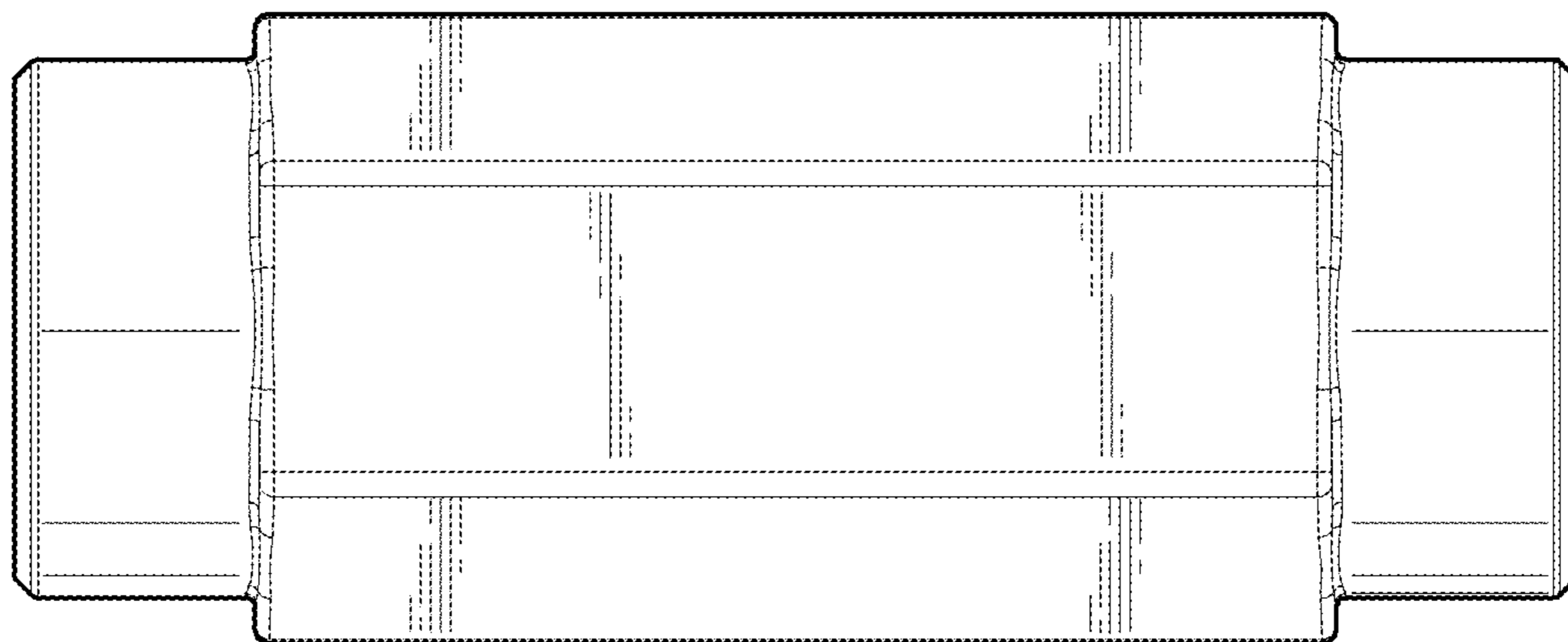


FIG. 7

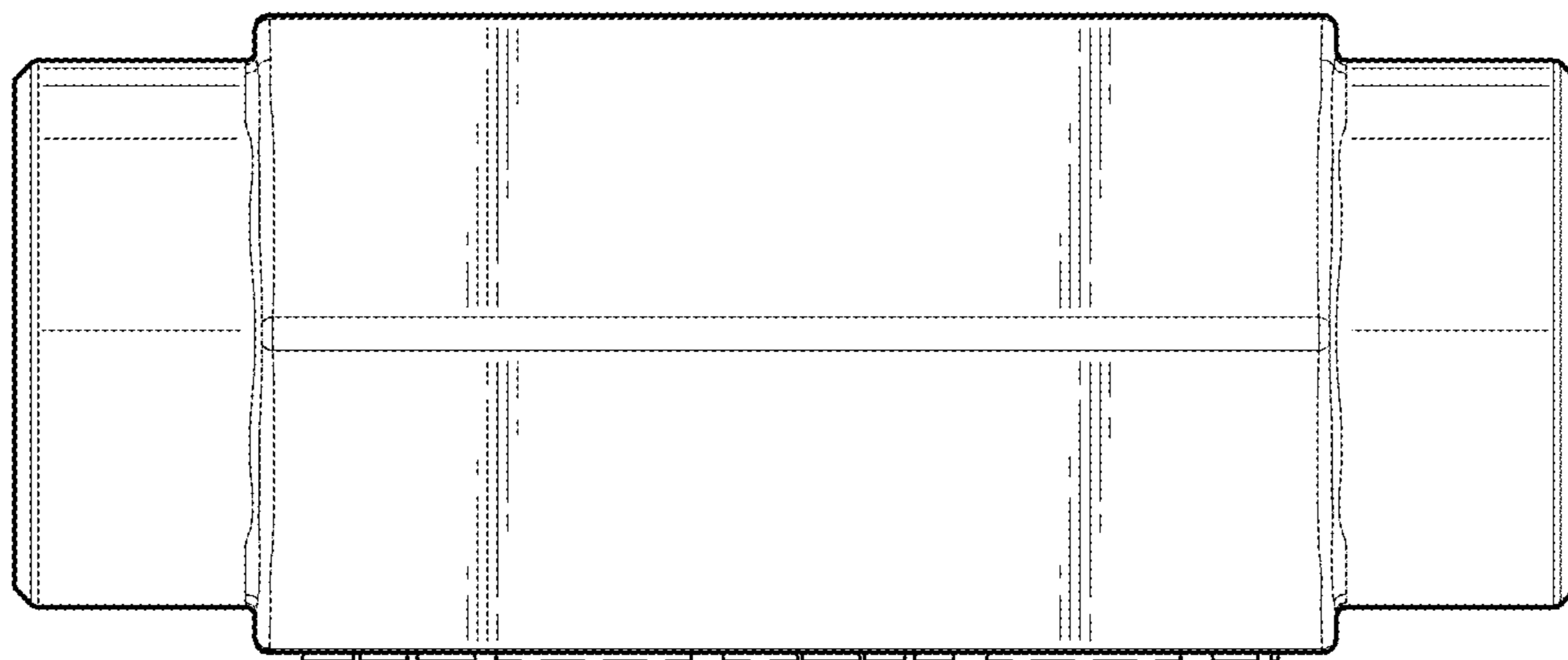


FIG. 8

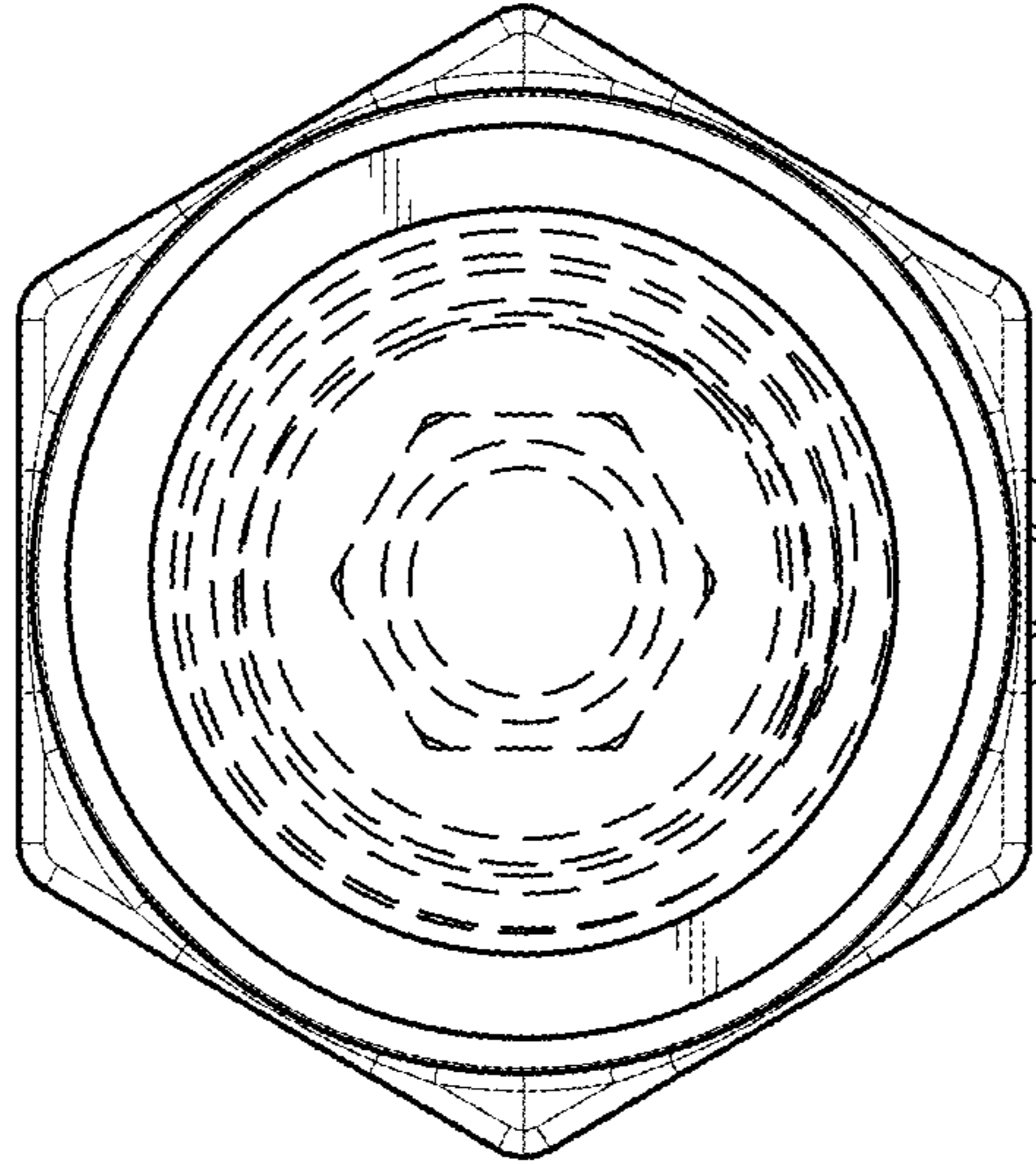


FIG. 9

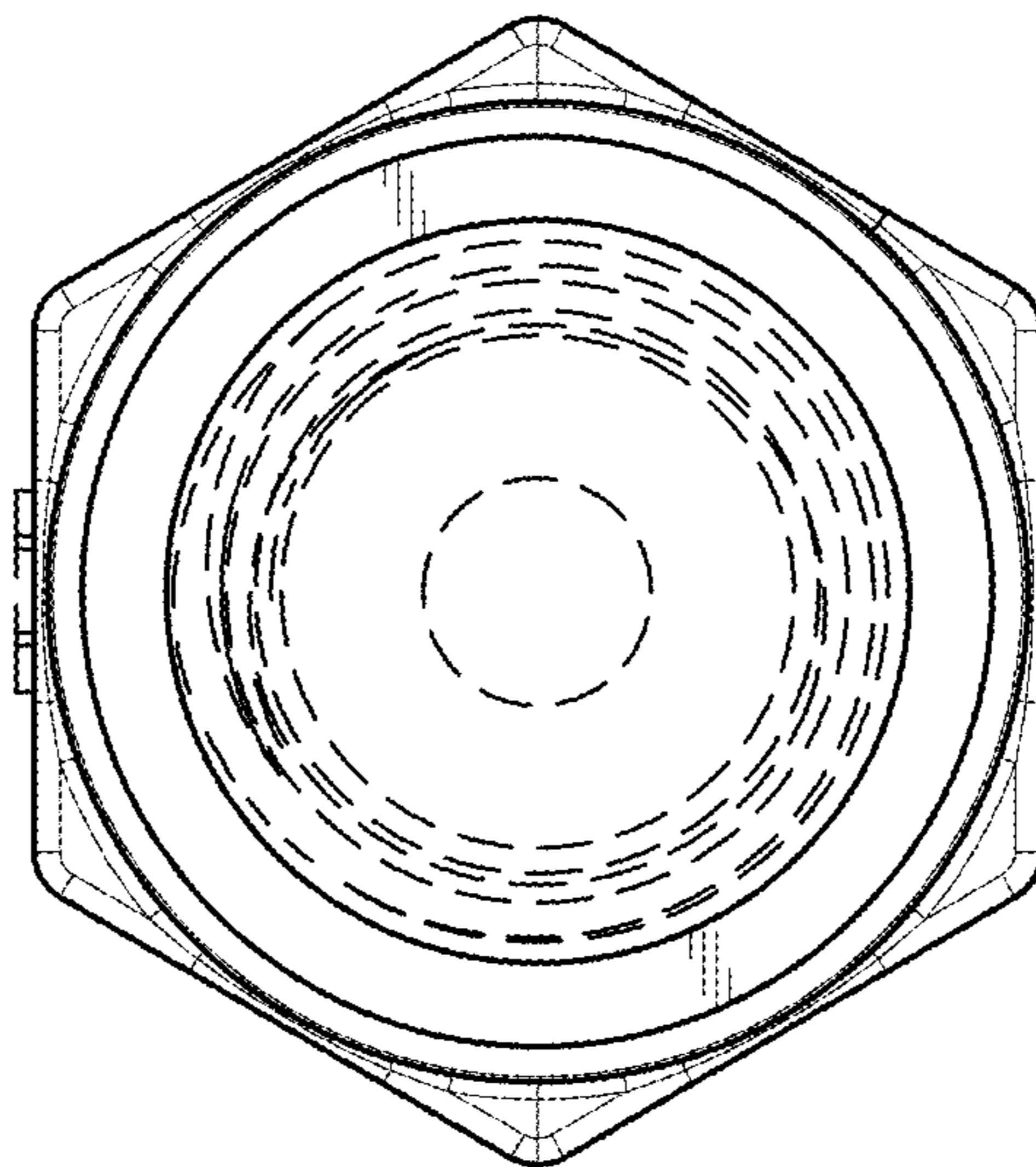


FIG. 10