



US00D921168S

(12) **United States Design Patent** (10) **Patent No.:** **US D921,168 S**
Wehrli (45) **Date of Patent:** **** Jun. 1, 2021**

- (54) **FLOW DIRECTING RING**
- (71) Applicant: **Wehrli Custom Fabrication, Inc.**,
DeKalb, IL (US)
- (72) Inventor: **Jason Wehrli**, Sandwich, IL (US)
- (73) Assignee: **Wehrli Custom Fabrication, Inc.**,
DeKalb, IL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/690,360**
- (22) Filed: **May 7, 2019**
- (51) **LOC (13) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/262**
- (58) **Field of Classification Search**
USPC D23/259–263, 265, 233, 269;
D8/349–350, 352, 354, 382; D15/5, 28;
D12/194, 213
CPC F02F 11/00
See application file for complete search history.

- D749,708 S * 2/2016 Smith D23/269
- 9,631,543 B2 * 4/2017 Kurose F16J 15/126
- 2002/0008387 A1 * 1/2002 Vasudeva F16L 23/032
285/405
- 2005/0280214 A1 * 12/2005 Richards F16J 15/122
277/608

(Continued)

Primary Examiner — Amy C Wierenga
(74) *Attorney, Agent, or Firm* — Brie A. Crawford;
Crawford Intellectual Property Law LLC

(57) **CLAIM**

The ornamental design for a flow directing ring, as shown and described.

DESCRIPTION

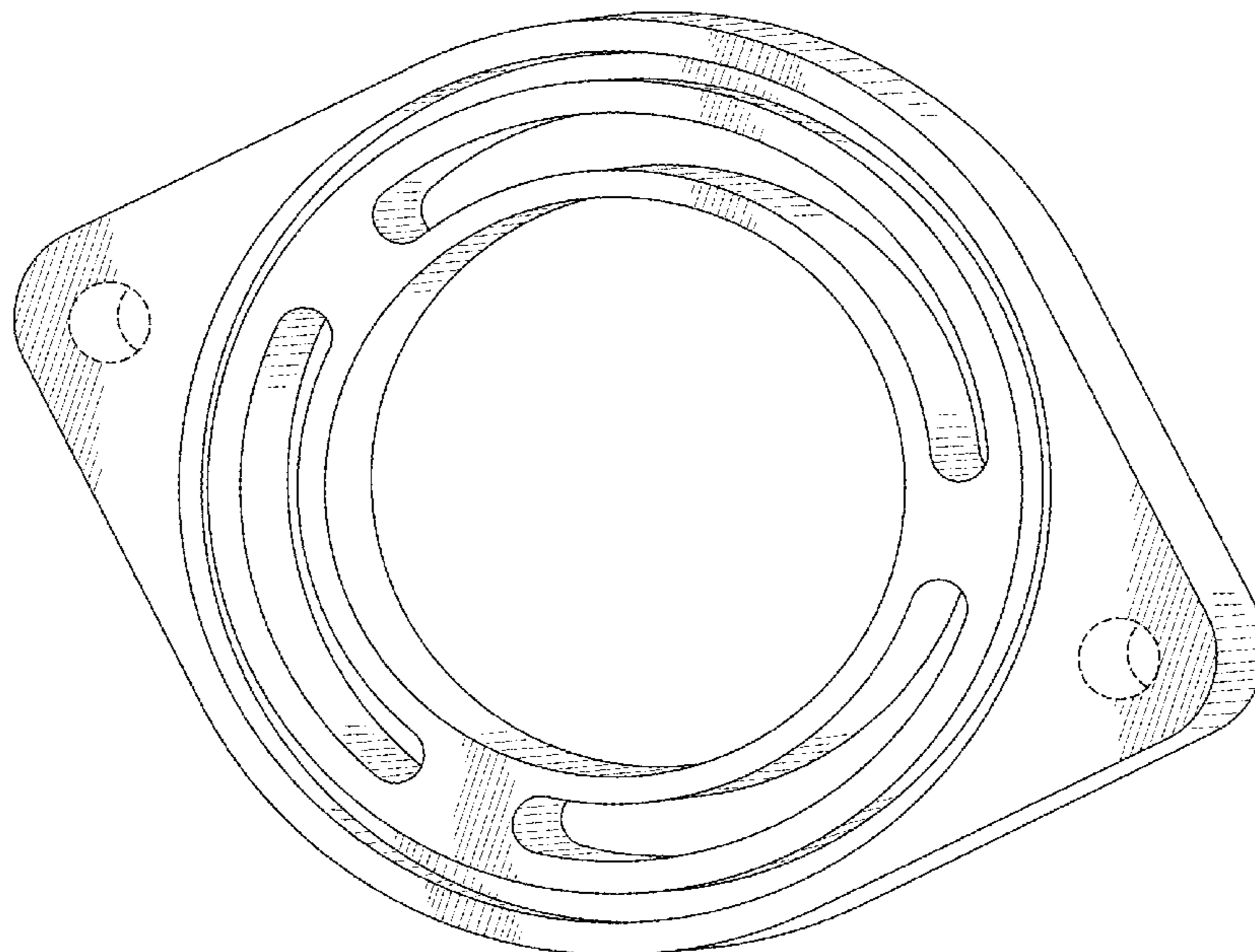
FIG. 1 depicts a front perspective view of a flow directing ring showing my new design;
 FIG. 2 depicts a front elevational view of the flow directing ring based on FIG. 1;
 FIG. 3 depicts a rear elevational view of the flow directing ring based on FIG. 1 and the reverse view of FIG. 2;
 FIG. 4 depicts a top plan view of the flow directing ring based on FIG. 1;
 FIG. 5 depicts a bottom plan view of the flow directing ring based on FIG. 1 and the reverse view of FIG. 4;
 FIG. 6 depicts a left elevational view of the flow directing ring based on FIG. 1;
 FIG. 7 depicts a right elevational view of the flow directing ring based on FIG. 1 and the reverse view of FIG. 6; and,
 FIG. 8 depicts a front perspective view of the flow directing ring based on FIG. 1 installed on a turbocharger intake pipe. The broken lines in FIGS. 1, 2, 3, depict portions of the flow directing ring that form no part of the claimed design. The broken lines in FIG. 8 depict portions of the flow directing ring and environment that form no part of the claim.

1 Claim, 5 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,060,498 A * 11/1936 Gobb F16J 15/02
277/597
- 4,756,561 A * 7/1988 Kawata F01N 13/1827
277/592
- 4,778,189 A * 10/1988 Udagawa F16J 15/104
277/612
- 5,641,185 A * 6/1997 Harth F01N 13/1805
24/284
- 6,161,842 A * 12/2000 Miyaoh F16J 15/0825
277/594
- 7,121,556 B2 * 10/2006 Barth F16L 23/22
277/596
- D745,119 S * 12/2015 Browning D23/265



(56)

References Cited

U.S. PATENT DOCUMENTS

2009/0273143 A1* 11/2009 Nagawa F16J 15/0887
277/608
2011/0049813 A1* 3/2011 Han F01N 13/1827
277/608

* cited by examiner

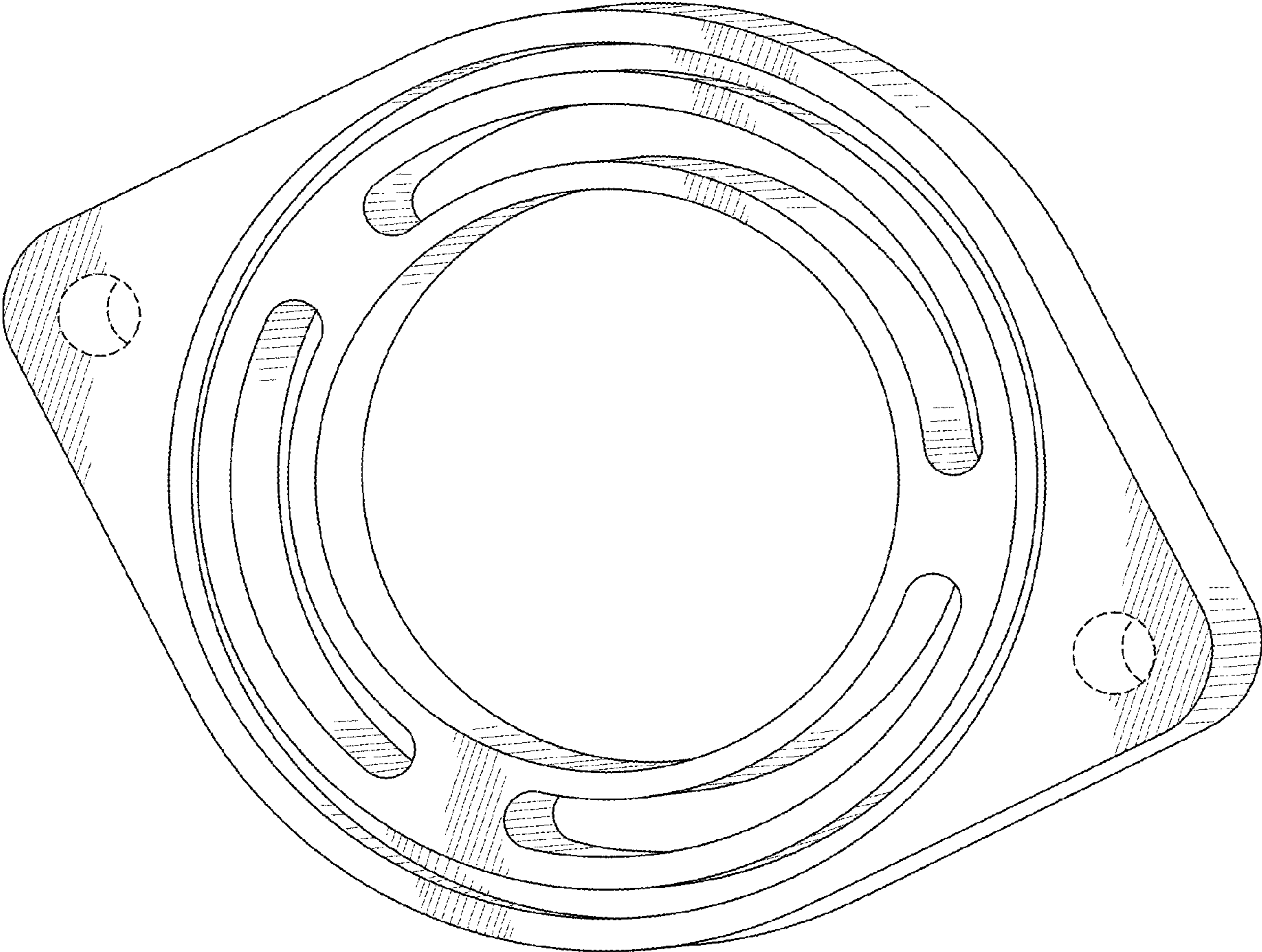


FIG. 1

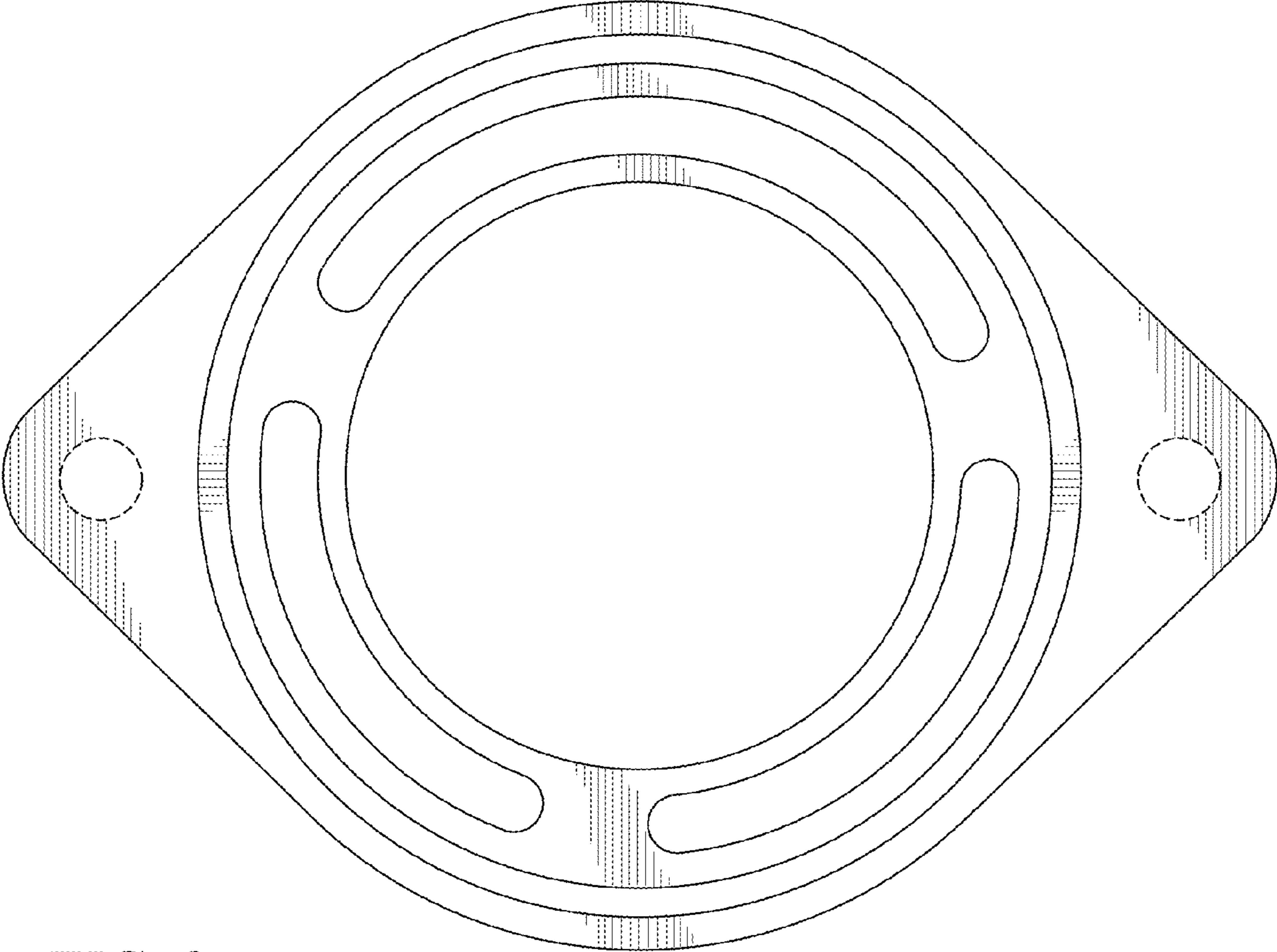


FIG. 2

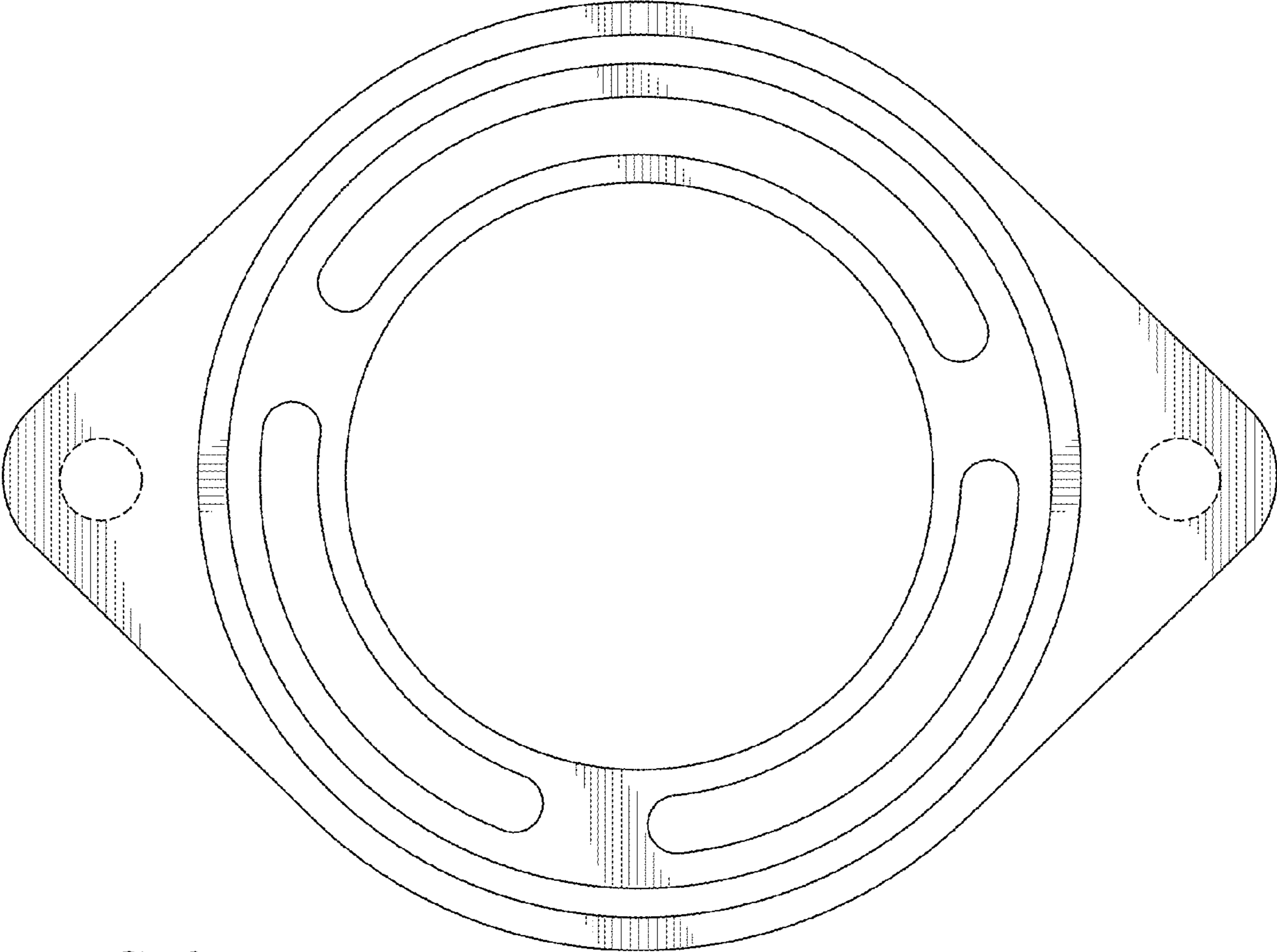


FIG. 3

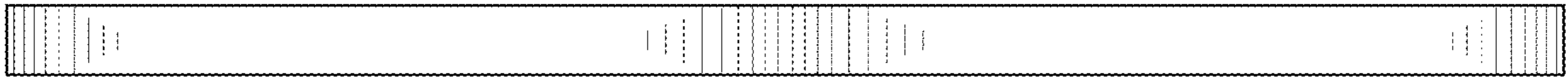


FIG. 4

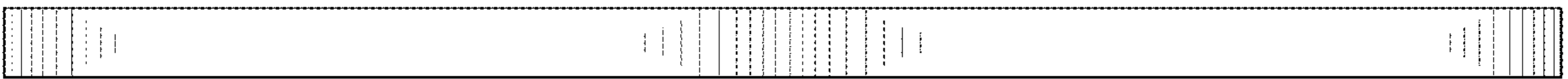


FIG. 5



FIG. 6

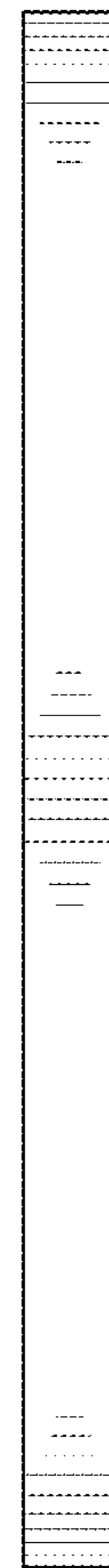


FIG. 7

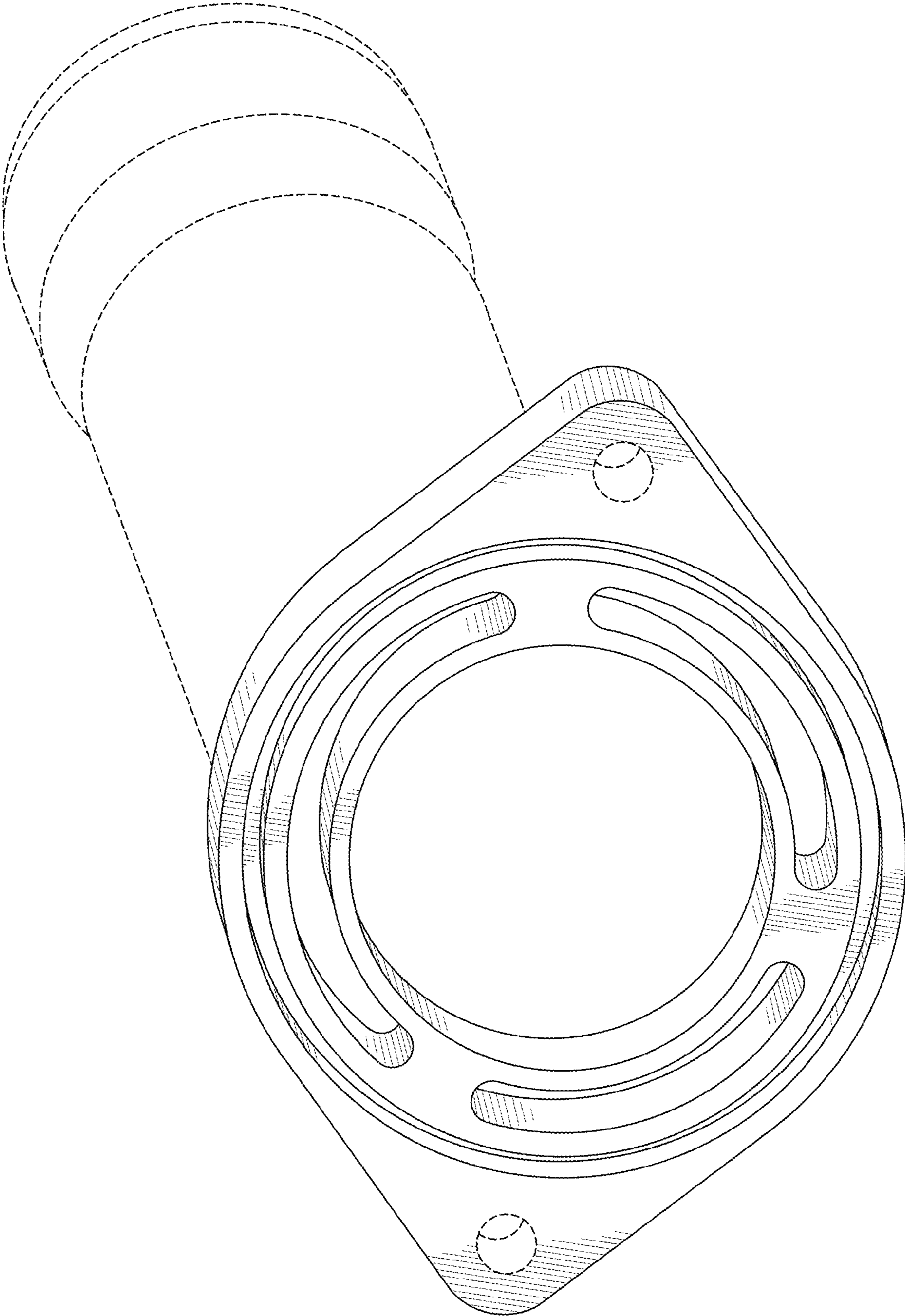


FIG. 8