



US00D782645S

(12) **United States Design Patent**
Haag et al.

(10) **Patent No.:** **US D782,645 S**

(45) **Date of Patent:** **** Mar. 28, 2017**

(54) **FAN FLOW GRID**

(71) Applicant: **ebm-papst Mulfingen GmbH & Co. KG, Mulfingen (DE)**

(72) Inventors: **Christian Haag, Kuenzelsau (DE); Carsten Huebner, Hesselental (DE); Bjoern Sudler, Boxberg (DE); Manuel Vogel, Jagsthausen (DE); Binyuan Zhang, Doerzbach (DE)**

(73) Assignee: **ebm-papst Mulfingen GmbH & Co. KG, Mulfingen (DE)**

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

(21) Appl. No.: **29/528,916**

(22) Filed: **Jun. 2, 2015**

(30) **Foreign Application Priority Data**

May 26, 2015 (EM) 002707356

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/412**

(58) **Field of Classification Search**

USPC D23/370-387, 411-414, 365, 355, 342, D23/332, 328, 337, 335, 314, 393; 415/60, 66, 68, 208.1, 213.1, 214.1, 415/209.3; 310/257; 361/695; 126/299 D, 299 R; D26/59, 89; 416/210 R
CPC F01D 9/042; F04D 25/08; F04D 29/70; F04D 29/34; F04D 19/00; F24F 7/007; F24F 13/082; F24F 7/065; F24F 13/078; F24F 7/06

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,957,308	A *	10/1960	Long	.....	F02C 7/04
					138/41
D432,742	S *	10/2000	Puigcerver	.....	D30/199
D615,557	S *	5/2010	Mayer	.....	D15/5
8,217,540	B2 *	7/2012	Best	.....	F04D 25/0613
					310/43
D681,799	S *	5/2013	Pan	.....	D23/412
D699,834	S *	2/2014	Pan	.....	D23/412
9,080,580	B2 *	7/2015	Heli	.....	F04D 29/626
D761,412	S *	7/2016	Strehle	.....	D23/412
D764,652	S *	8/2016	Weiss	.....	D23/390
9,450,474	B2 *	9/2016	Haag	.....	H02K 5/20

* cited by examiner

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Janice Hallmark

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

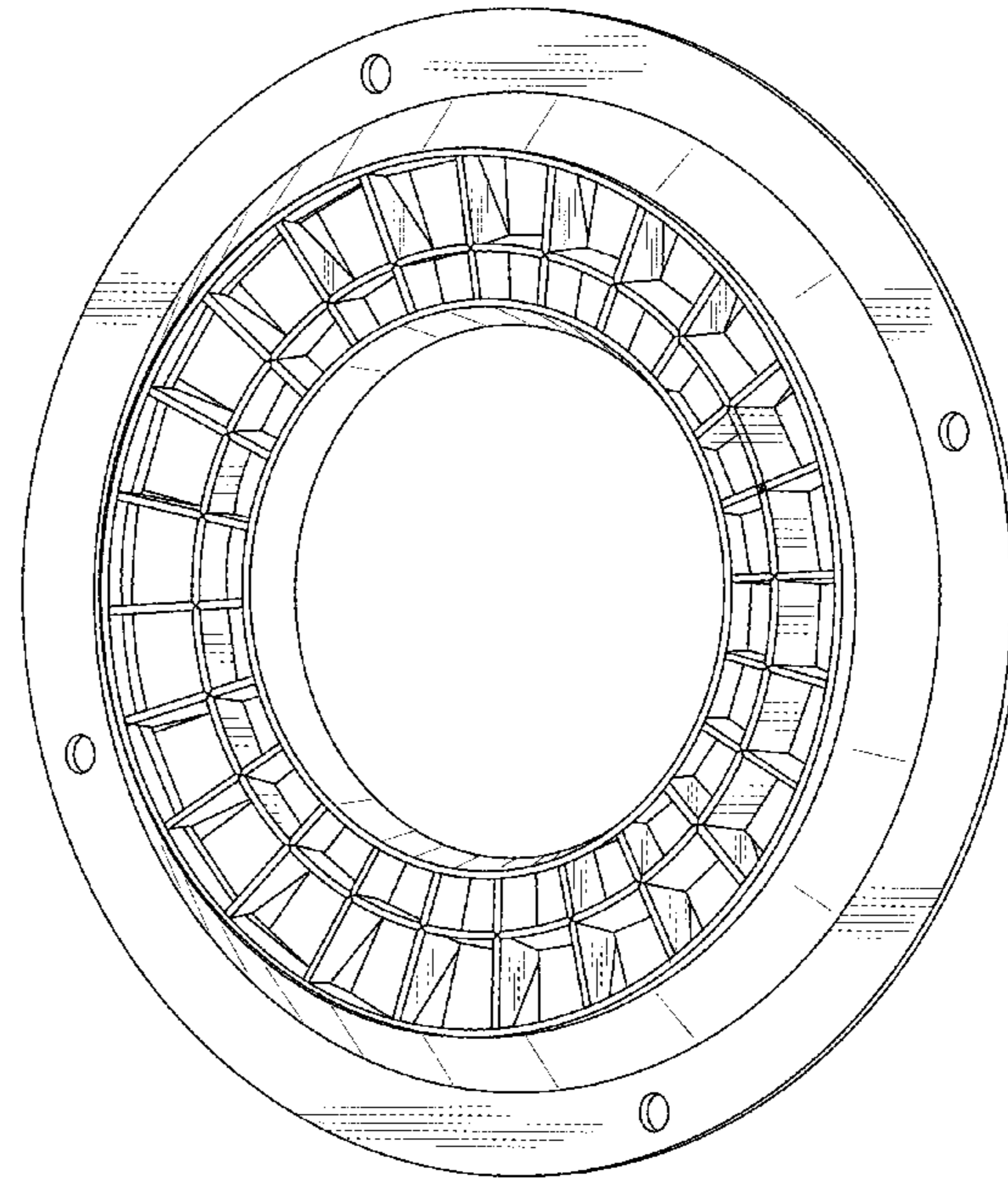
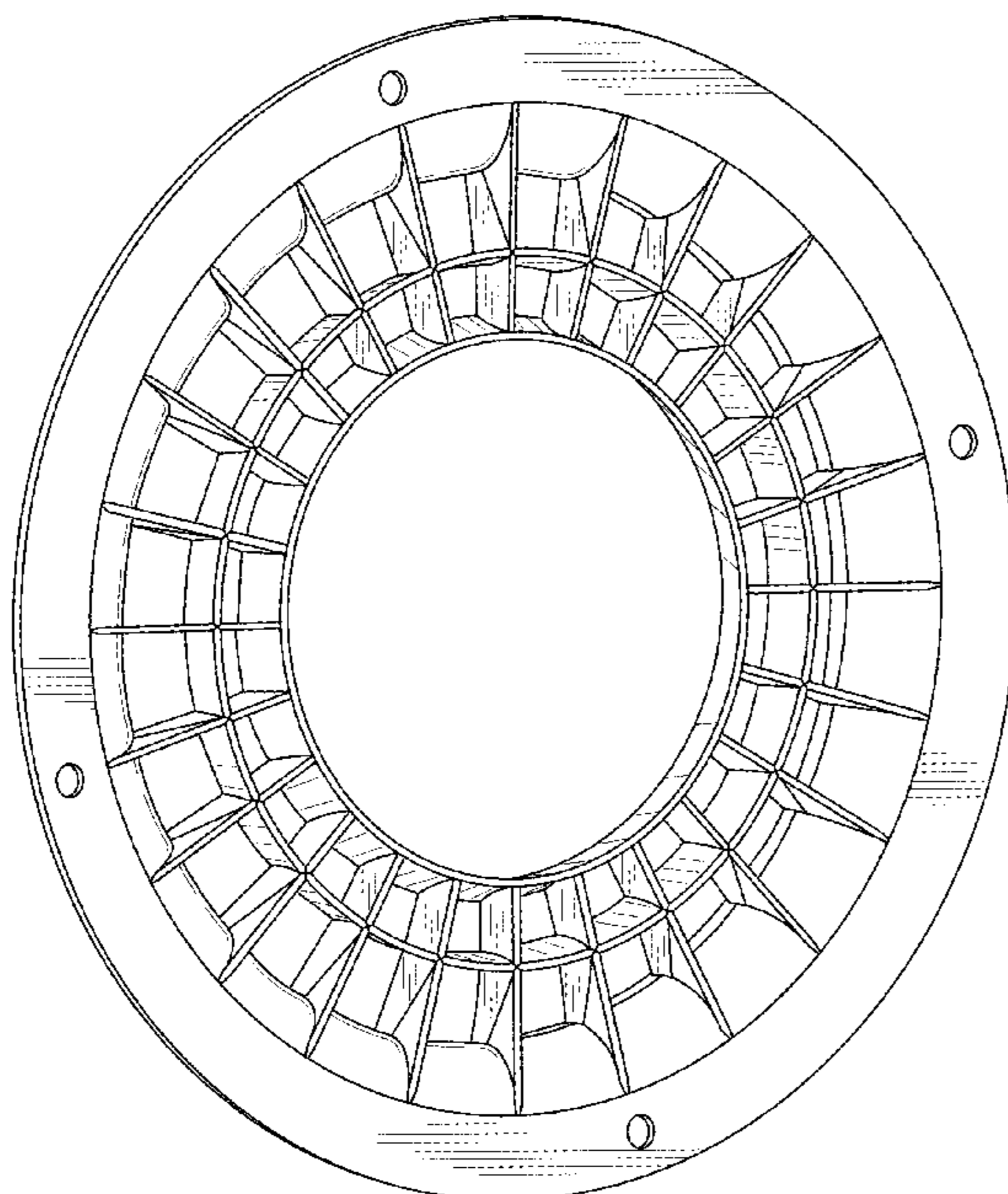
(57) **CLAIM**

The ornamental design for a fan flow grid, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the top side of the fan flow grid;
FIG. 2 is a perspective view of the top side of the fan flow grid;
FIG. 3 is a perspective view of the bottom side of the fan flow grid; and,
FIG. 4 is a perspective view of the top side of the fan flow grid.

1 Claim, 4 Drawing Sheets



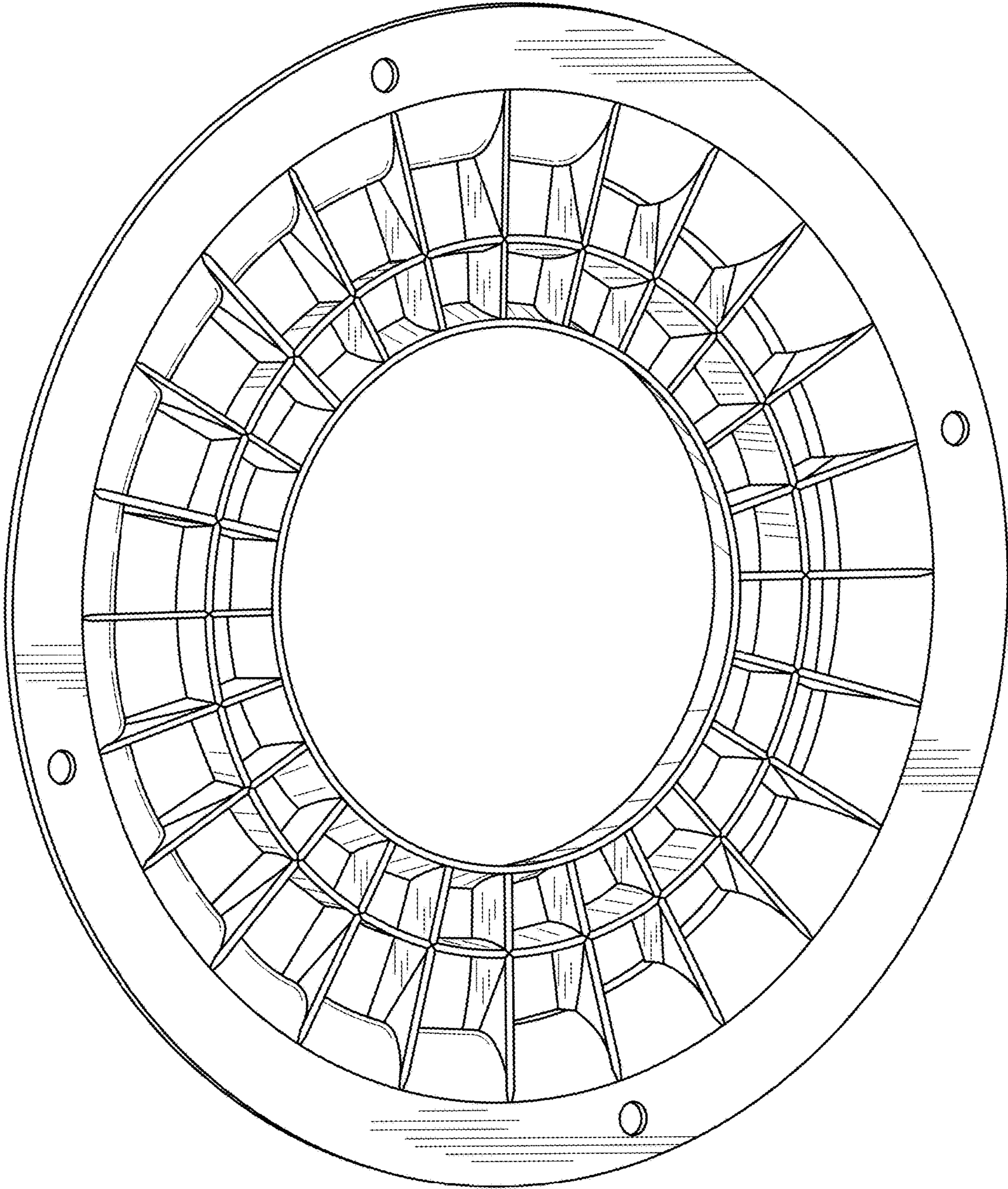


FIG - 1

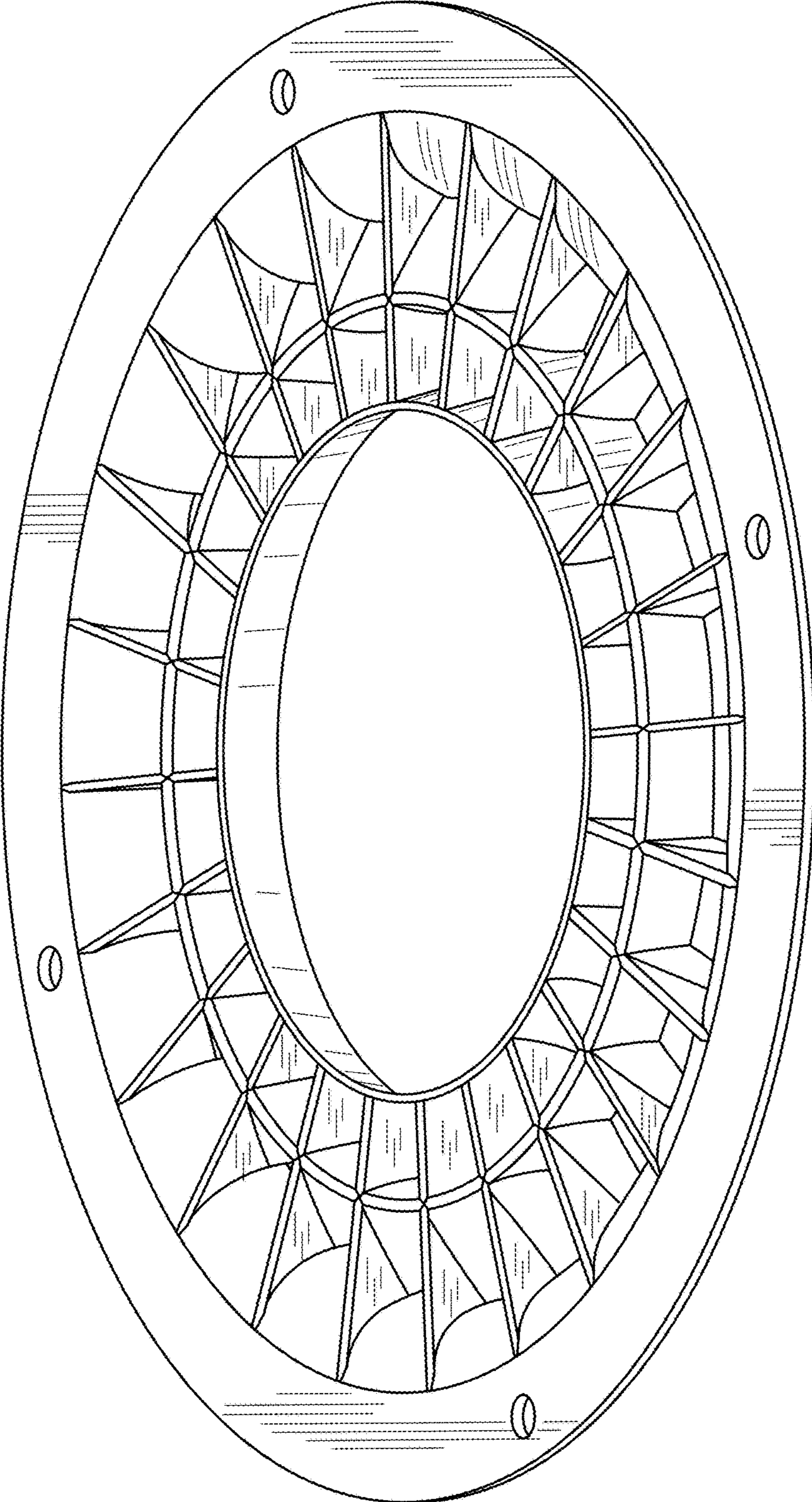


FIG - 2

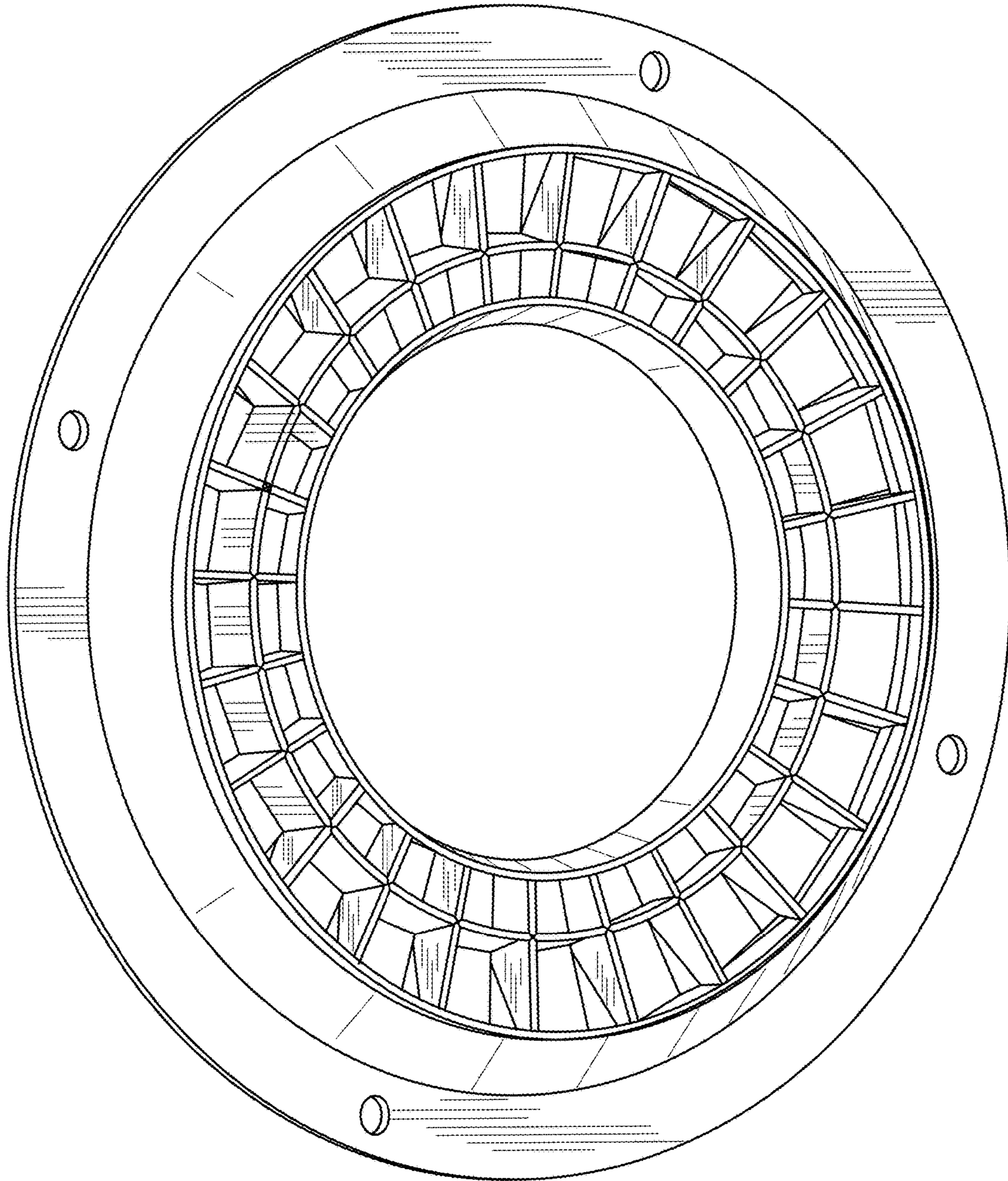


FIG - 3

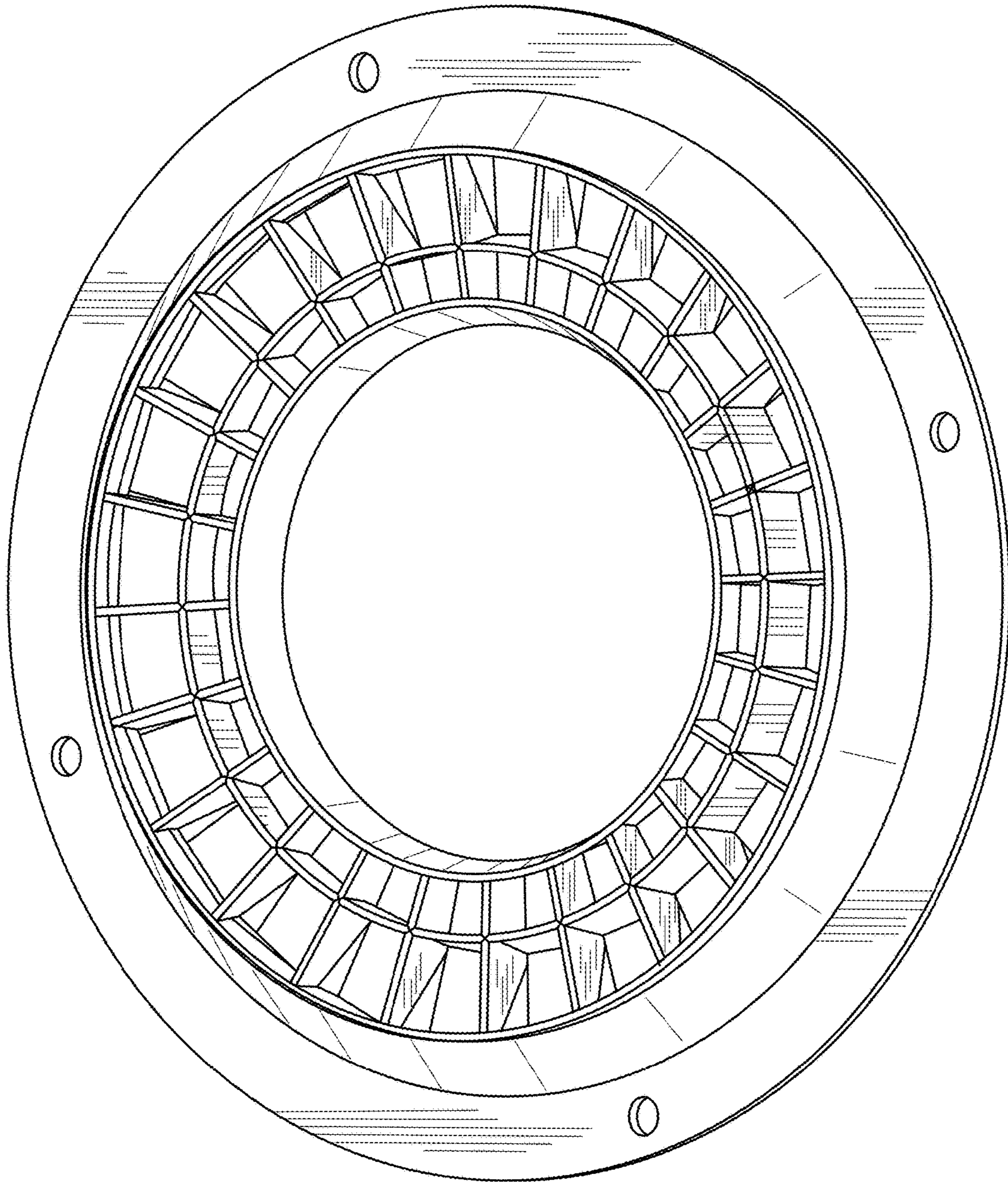


FIG - 4