



US00D605206S

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

(10) **Patent No.:** **US D605,206 S**  
(45) **Date of Patent:** **\*\* Dec. 1, 2009**

(54) **FAN SHROUD FOR CONSTRUCTION MACHINERY**

(75) Inventors: **Mitsuo Yabe**, Hiratsuka (JP); **Masahiro Ikeda**, Chigasaki (JP); **Tomoya Watanabe**, Hiratsuka (JP)

(73) Assignee: **Komatsu Ltd.**, Tokyo (JP)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/327,473**

(22) Filed: **Nov. 6, 2008**

(30) **Foreign Application Priority Data**

May 7, 2008 (JP) ..... 2008-011484

(51) **LOC (9) Cl.** ..... **15-03**

(52) **U.S. Cl.** ..... **D15/28; D23/411**

(58) **Field of Classification Search** ..... D15/5, D15/10, 17, 28, 31, 144, 199; D23/411, D23/412, 414, 386, 324, 381, 382; D12/196, D12/197, 216; D24/232; 415/173.1, 215.1, 415/213.1, 126, 127, 214.1, 223; 416/244 R, 416/247 R; 180/68.6, 68.4; 123/41, 49, 123/41.7; 165/122

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D228,403	S *	9/1973	Comer	.....	D15/17
3,759,023	A *	9/1973	Comer	.....	56/320.1
D237,524	S *	11/1975	Cognata	.....	D15/17
4,043,708	A *	8/1977	Greenfield	.....	417/363
D259,346	S *	5/1981	DeHaven	.....	D15/199

5,024,267	A *	6/1991	Yamaguchi et al.	.....	165/122
D354,087	S *	1/1995	Dunlap et al.	.....	D20/42
5,410,992	A *	5/1995	Hunt et al.	.....	123/41.49
D403,337	S *	12/1998	Or	.....	D15/199
D404,370	S *	1/1999	Kimura	.....	D13/182
5,884,589	A *	3/1999	Sakamoto et al.	.....	123/41.49
6,203,287	B1 *	3/2001	Hendrix et al.	.....	417/313
D440,929	S *	4/2001	Marko et al.	.....	D12/196
6,254,742	B1 *	7/2001	Hanson et al.	.....	204/279
D449,621	S *	10/2001	Hamlin	.....	D15/5
6,390,770	B1 *	5/2002	Takeshita	.....	415/119

(Continued)

*Primary Examiner*—Stella M Reid

*Assistant Examiner*—Mark A Goodwin

(74) *Attorney, Agent, or Firm*—Fox Rothschild LLP

(57) **CLAIM**

The ornamental design for a fan shroud for construction machinery, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a fan shroud for construction machinery showing our new design;

FIG. 2 is a front view thereof;

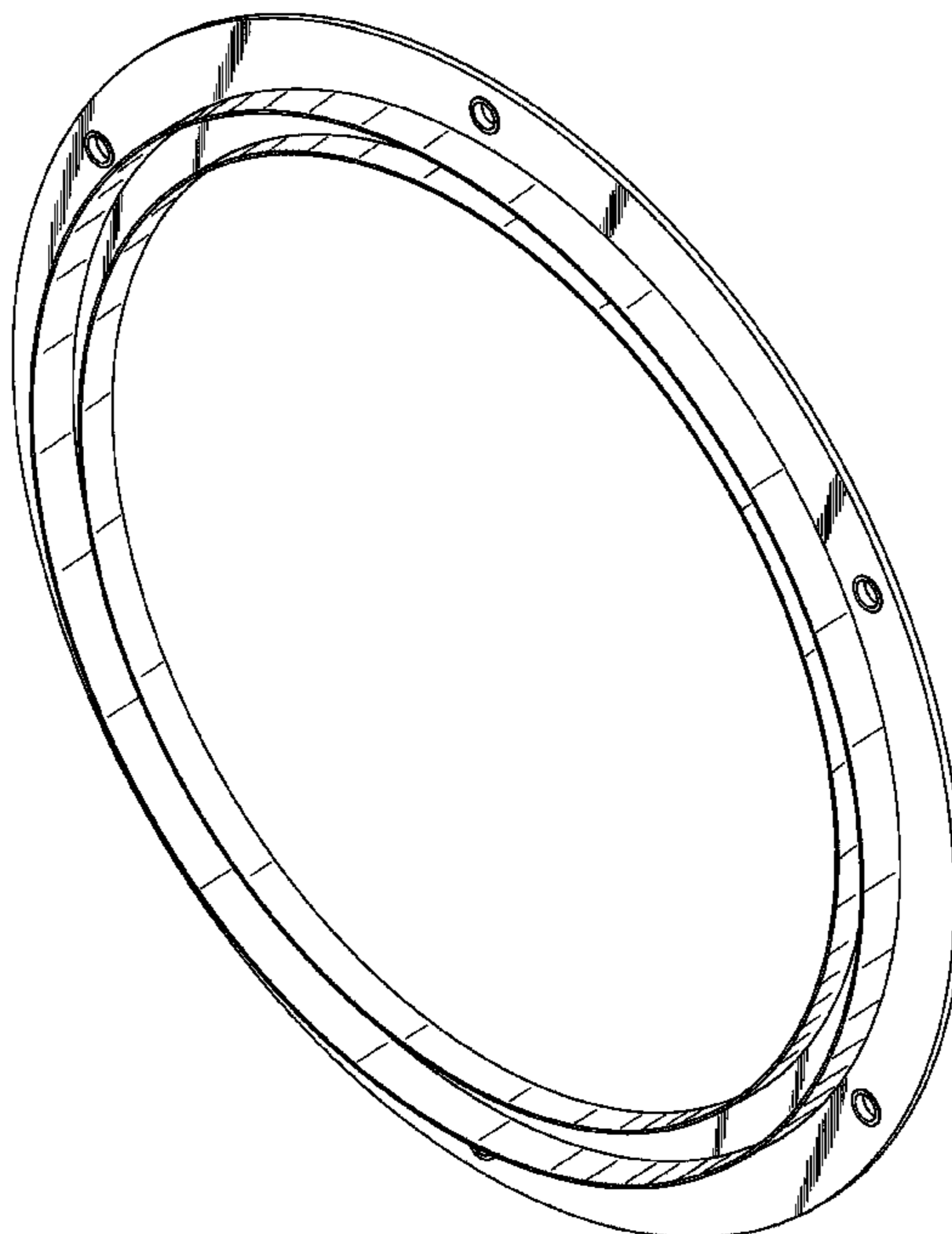
FIG. 3 is a rear view thereof;

FIG. 4 is an enlarged top plan view thereof, the opposite side view being a mirror image thereof;

FIG. 5 is an enlarged right side view thereof, the opposite side view being a mirror image thereof; and,

FIG. 6 is an enlarged cross-sectional view taken along line 6—6 in FIG. 2.

**1 Claim, 6 Drawing Sheets**



# US D605,206 S

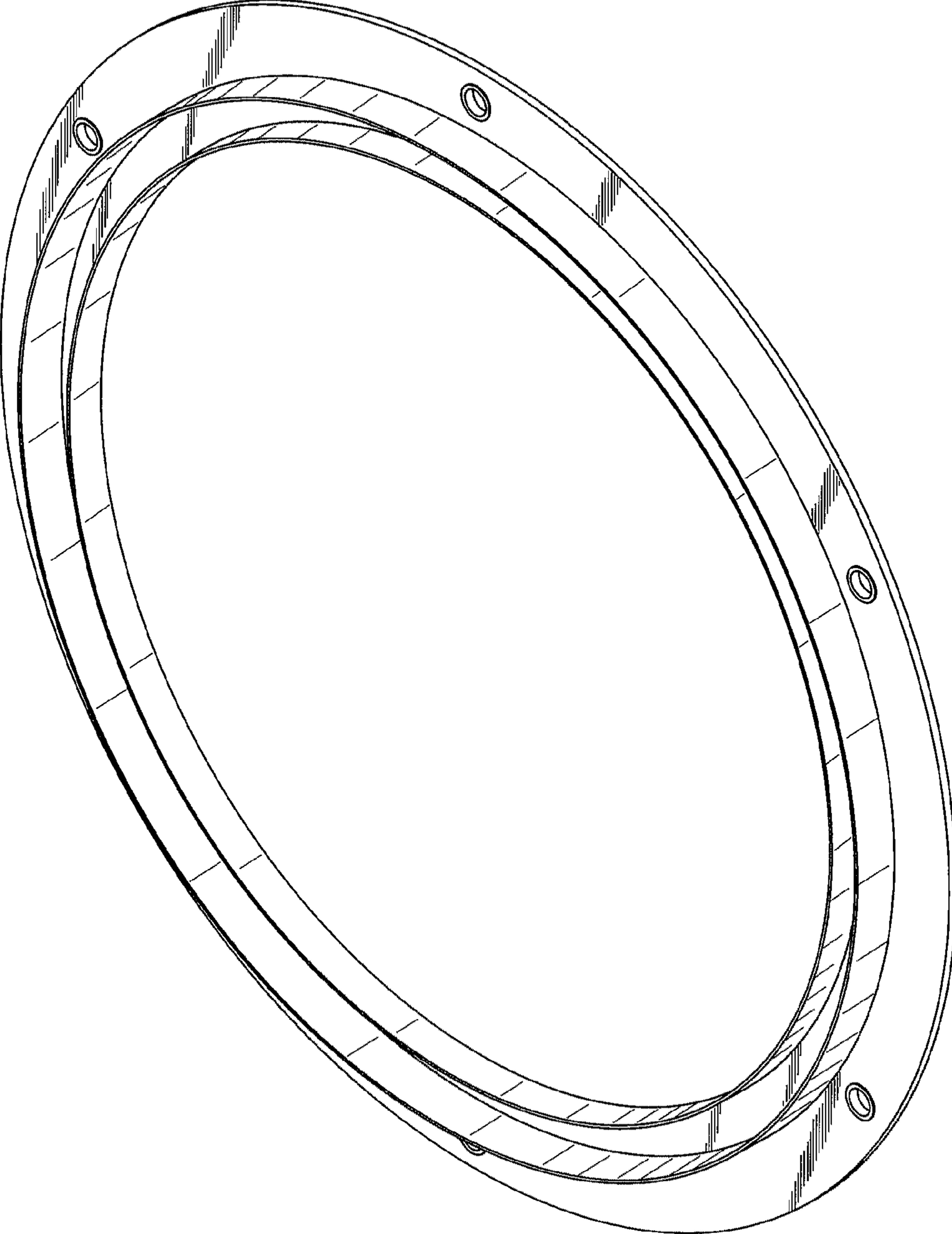
Page 2

## U.S. PATENT DOCUMENTS

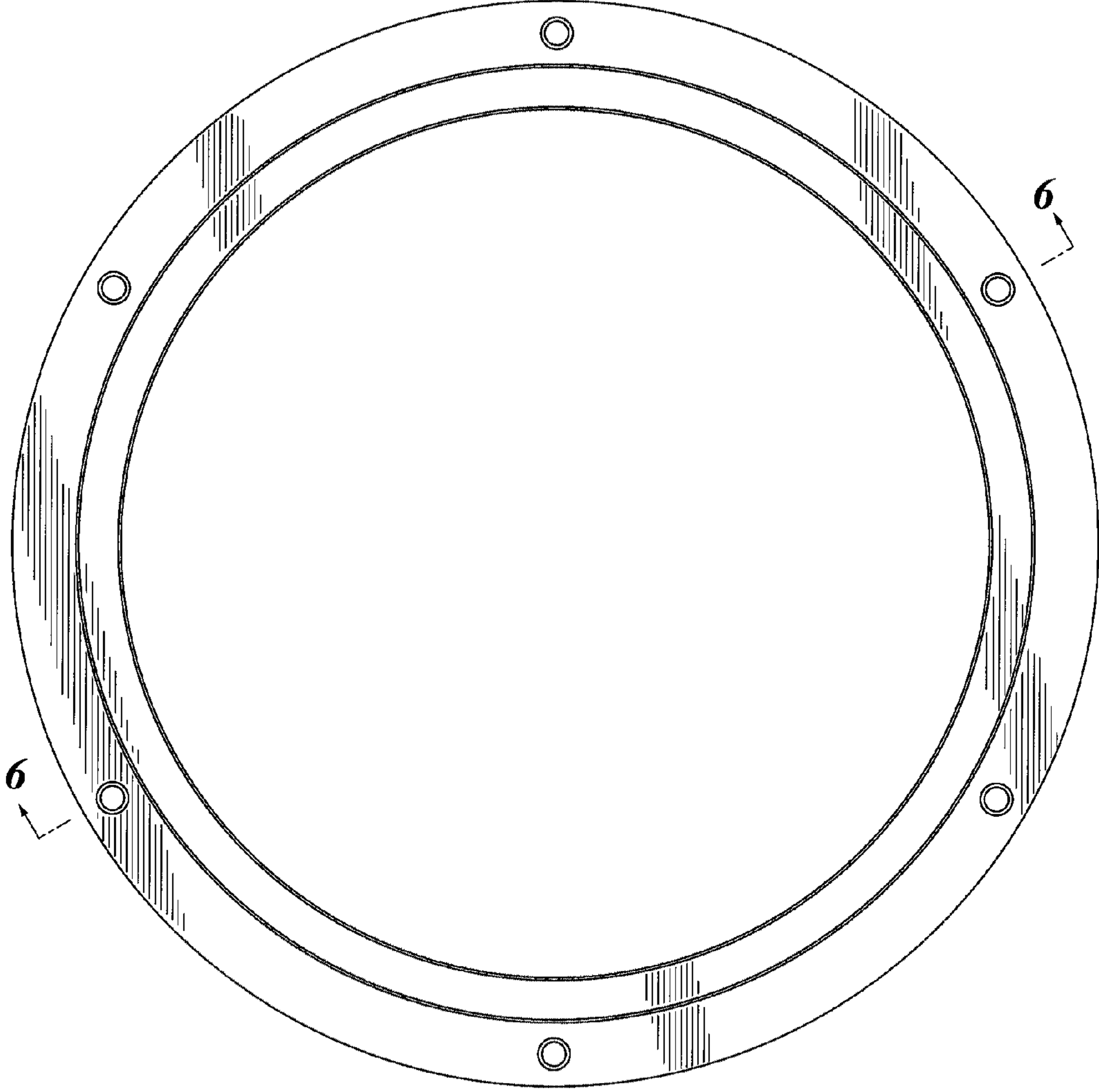
6,423,175	B1 *	7/2002	Huang et al. ....	156/345.51	2005/0079051	A1 *	4/2005	Soofer et al. ....	415/215.1
D491,963	S *	6/2004	Doba .....	D15/144	2005/0279548	A1 *	12/2005	Kurtz et al. ....	180/68.6
7,077,624	B2 *	7/2006	Brown .....	415/126	2006/0272800	A1 *	12/2006	Wong et al. ....	165/120
D532,095	S *	11/2006	Calkins .....	D23/370	2007/0051488	A1 *	3/2007	Hori .....	165/41
D556,704	S *	12/2007	Nakamura et al. ....	D13/182	2007/0215400	A1 *	9/2007	Kurtz et al. ....	180/68.6
D559,994	S *	1/2008	Nagakubo et al. ....	D24/232	2007/0231126	A1 *	10/2007	Petersen et al. ....	415/173.1
7,384,234	B2 *	6/2008	Petersen et al. ....	415/1	2007/0277752	A1 *	12/2007	Smith et al. ....	123/41.49
2003/0030348	A1 *	2/2003	Lopatinsky et al. ....	310/254	2008/0072851	A1 *	3/2008	McLennan .....	123/41.49
2003/0034153	A1 *	2/2003	Hitt et al. ....	165/149	2008/0193286	A1 *	8/2008	Kakishita et al. ....	415/207
2003/0136544	A1 *	7/2003	Albright et al. ....	165/51	2008/0236518	A1 *	10/2008	Schaffer et al. ....	123/41.49
2004/0191061	A1 *	9/2004	Jung et al. ....	415/220	2008/0292458	A1 *	11/2008	Tani et al. ....	415/213.1

\* cited by examiner

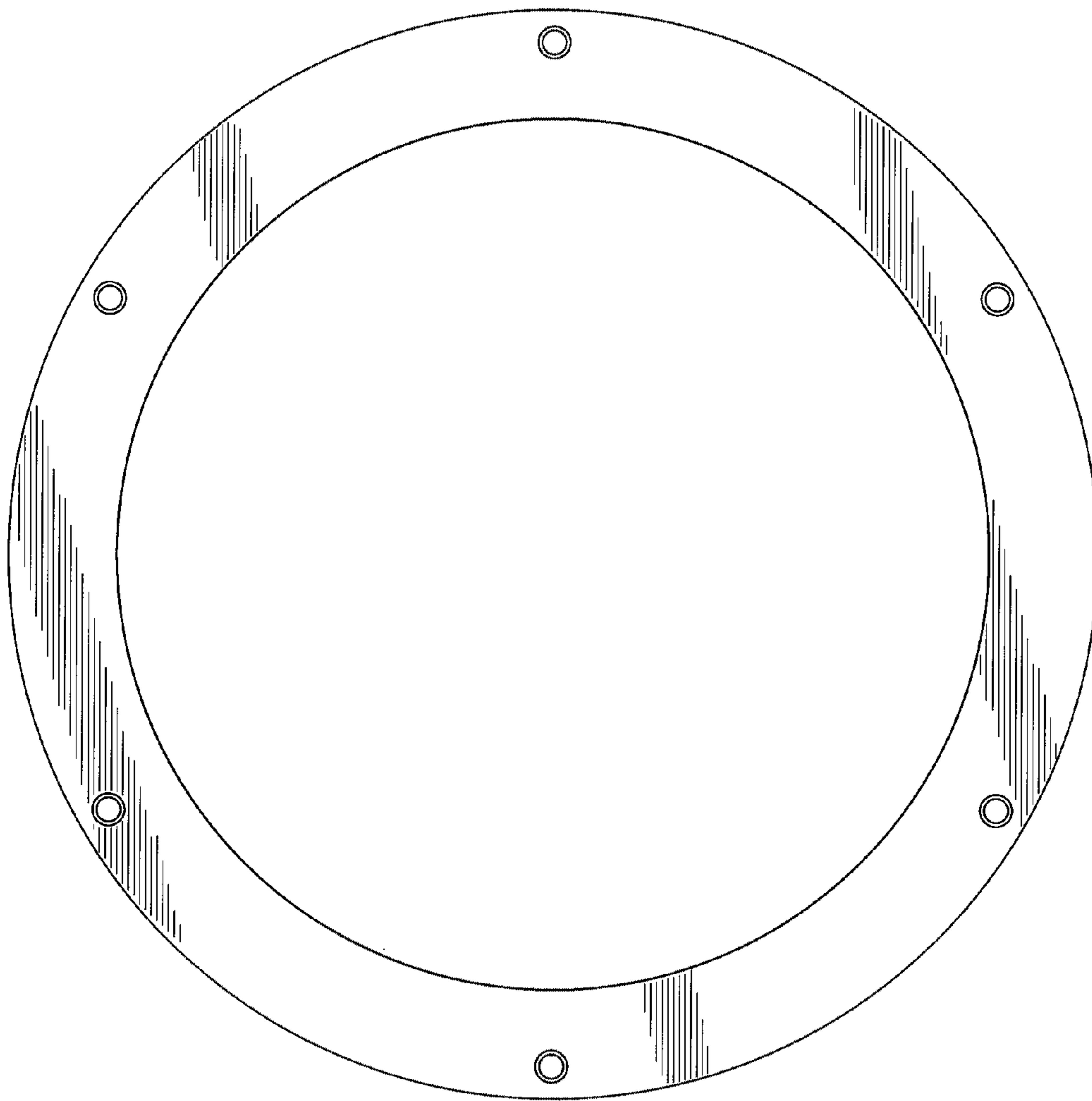
**FIG. 1**



**FIG. 2**



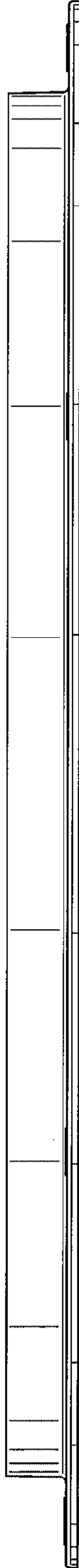
**FIG. 3**



**FIG. 4**



***FIG. 5***



*FIG. 6*

