



US00D654152S

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

(10) **Patent No.:** **US D654,152 S**
(45) **Date of Patent:** **** Feb. 14, 2012**

- (54) **GARBAGE DISPOSAL BLADE GUARD**
- (76) Inventor: **Victor Schulz**, Waite Park, MN (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/380,850**
- (22) Filed: **Dec. 11, 2010**
- (51) **LOC (9) Cl.** **23-01**
- (52) **U.S. Cl.** **D23/260**
- (58) **Field of Classification Search** D23/259–263;
241/46.013–46.016; 4/DIG. 4, 255.11, 286
See application file for complete search history.

- 3,742,525 A 7/1973 Oropallo
- 3,745,594 A 7/1973 Cospes
- 3,788,485 A 1/1974 Bruning
- 3,854,151 A 12/1974 Boudewyn
- 3,982,289 A 9/1976 Robbins
- 4,138,747 A 2/1979 Zijlstra
- 4,161,043 A 7/1979 Flores
- 4,164,796 A 8/1979 Sakow
- 4,321,713 A 3/1982 Thompson
- 4,329,744 A 5/1982 Cuschera
- 4,443,897 A 4/1984 Austin
- D278,459 S 4/1985 Cook

(Continued)

FOREIGN PATENT DOCUMENTS

EP 1509658 A1 3/2005

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D54,617 S 3/1920 Haven
- D92,115 S 2/1934 Spencer
- D92,433 S 6/1934 Spencer
- 1,995,474 A * 3/1935 Gunther 4/287
- 2,048,704 A * 7/1936 Kraus 4/286
- D103,769 S 3/1937 Spencer
- 2,236,885 A 4/1941 Zinkil et al.
- 2,244,402 A 6/1941 Powers
- 2,544,498 A 3/1951 Hiertz
- 2,670,143 A 2/1954 Jordan
- 2,793,373 A 5/1957 Ewing
- 2,846,154 A 8/1958 Wiczorek
- 2,875,958 A 3/1959 Wiczorek
- 2,896,866 A 7/1959 Hyde
- 2,925,225 A 2/1960 Jordan
- 2,948,482 A 8/1960 Jordan
- 2,953,308 A 9/1960 Isola
- 2,980,351 A 4/1961 Greene
- D194,506 S 2/1963 Laan
- 3,161,360 A 12/1964 Levine
- 3,432,108 A * 3/1969 Enright 241/46.016
- 3,449,775 A 6/1969 De Krauze
- 3,702,013 A 11/1972 Gebert
- 3,742,524 A 7/1973 Ballentine

OTHER PUBLICATIONS

“General Requirements for All Machines”, OSHA Regulations, 29 CFR 1910.212, 1 page.

Primary Examiner — T. Chase Nelson
Assistant Examiner — Eric Goodman
(74) *Attorney, Agent, or Firm* — Albert W. Watkins

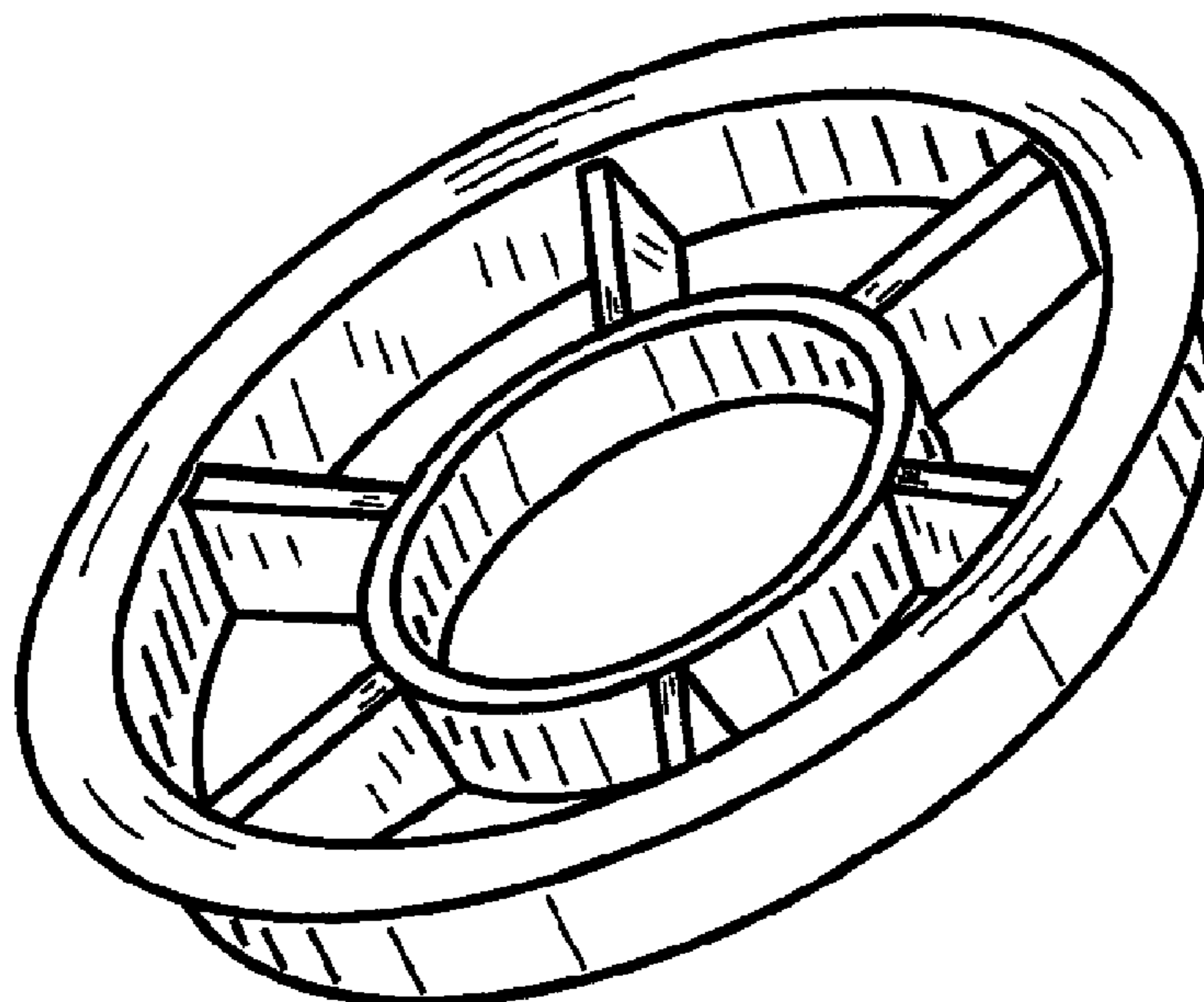
(57) **CLAIM**

I claim the ornamental design for a garbage disposal blade guard, as shown.

DESCRIPTION

FIG. 1 is a projected view showing my new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof; and,
FIG. 4 is a front side view thereof, with each of the front, back, left and right side views being identical.

1 Claim, 2 Drawing Sheets



US D654,152 S

Page 2

U.S. PATENT DOCUMENTS

4,519,102 A 5/1985 Efstratis
D290,679 S 7/1987 Thorpe
4,752,035 A 6/1988 Felder
4,883,590 A 11/1989 Papp
4,910,811 A 3/1990 Izzi, Sr.
4,951,914 A * 8/1990 Meyers et al. 249/11
5,019,346 A * 5/1991 Richter et al. 422/28
5,271,108 A 12/1993 Wicke
D370,716 S 6/1996 Menzies
5,941,535 A * 8/1999 Richard 277/606
6,000,643 A 12/1999 Gelder
D449,873 S * 10/2001 Bronson D23/261
D461,233 S 8/2002 Whalen
6,528,467 B1 * 3/2003 Takemura et al. 510/195

6,719,228 B2 * 4/2004 Berger et al. 241/46.016
6,735,791 B1 5/2004 Lordahl et al.
6,927,199 B2 * 8/2005 Takemura et al. 510/195
D539,078 S * 3/2007 Anderson et al. D7/375
7,264,188 B2 9/2007 Anderson et al.
7,533,836 B2 5/2009 Pan
7,740,197 B1 6/2010 Schulz
7,967,225 B1 * 6/2011 Schulz 241/46.013
2008/0072387 A1 * 3/2008 Dombrowski 15/105

FOREIGN PATENT DOCUMENTS

WO WO 03/093592 A1 11/2003
WO WO 2009/116736 A2 9/2009

* cited by examiner

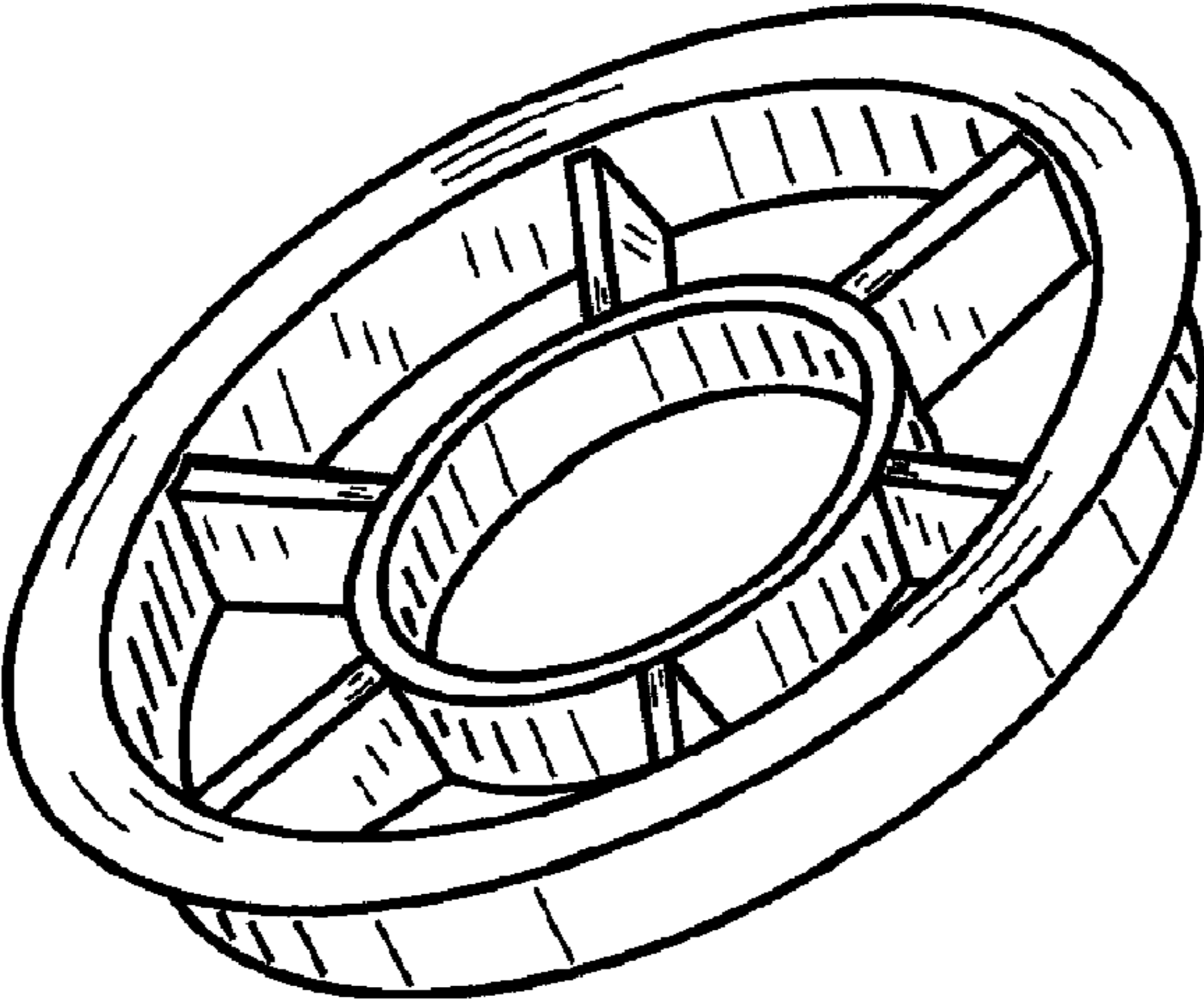


FIG. 1

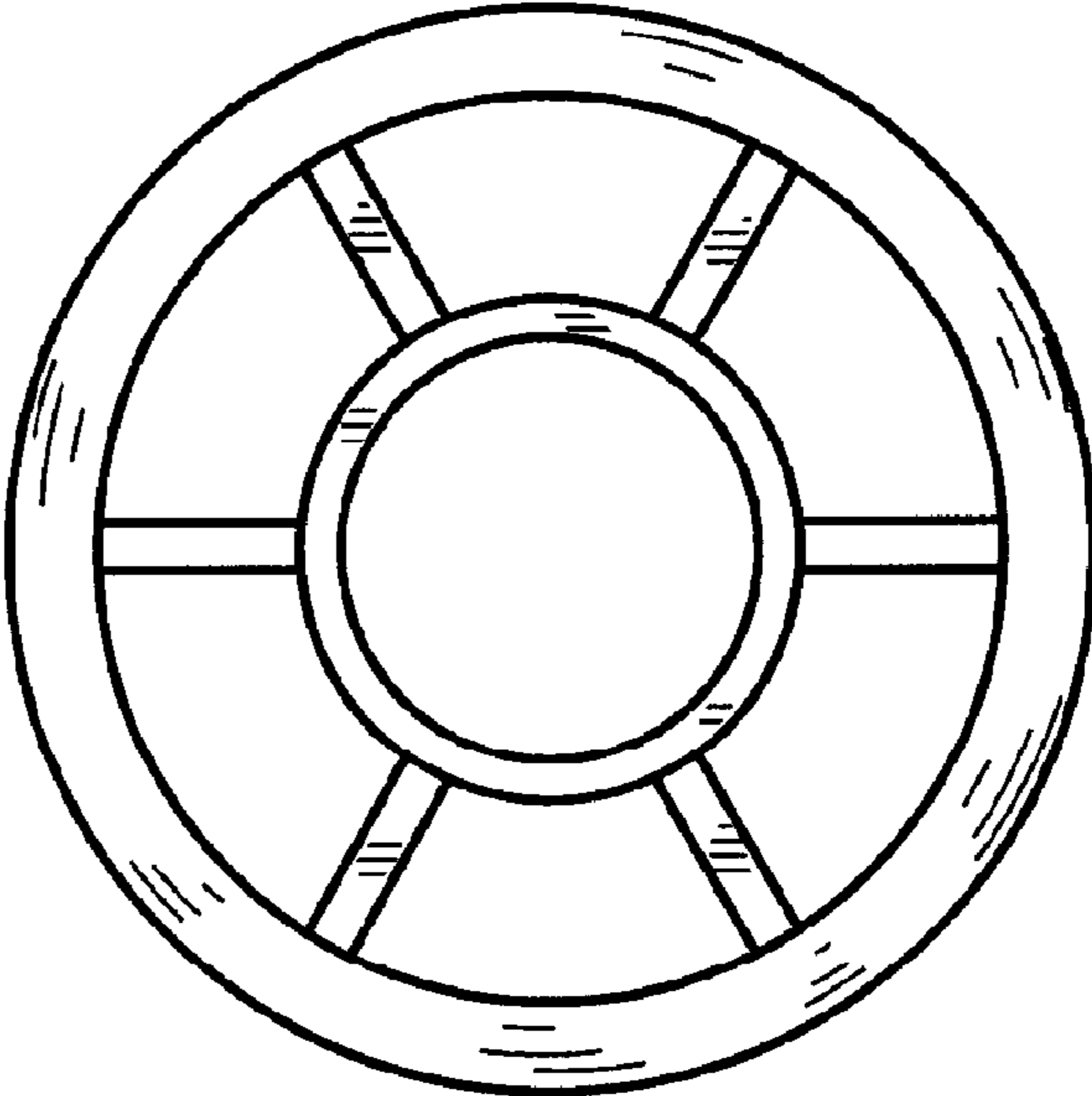


FIG. 2

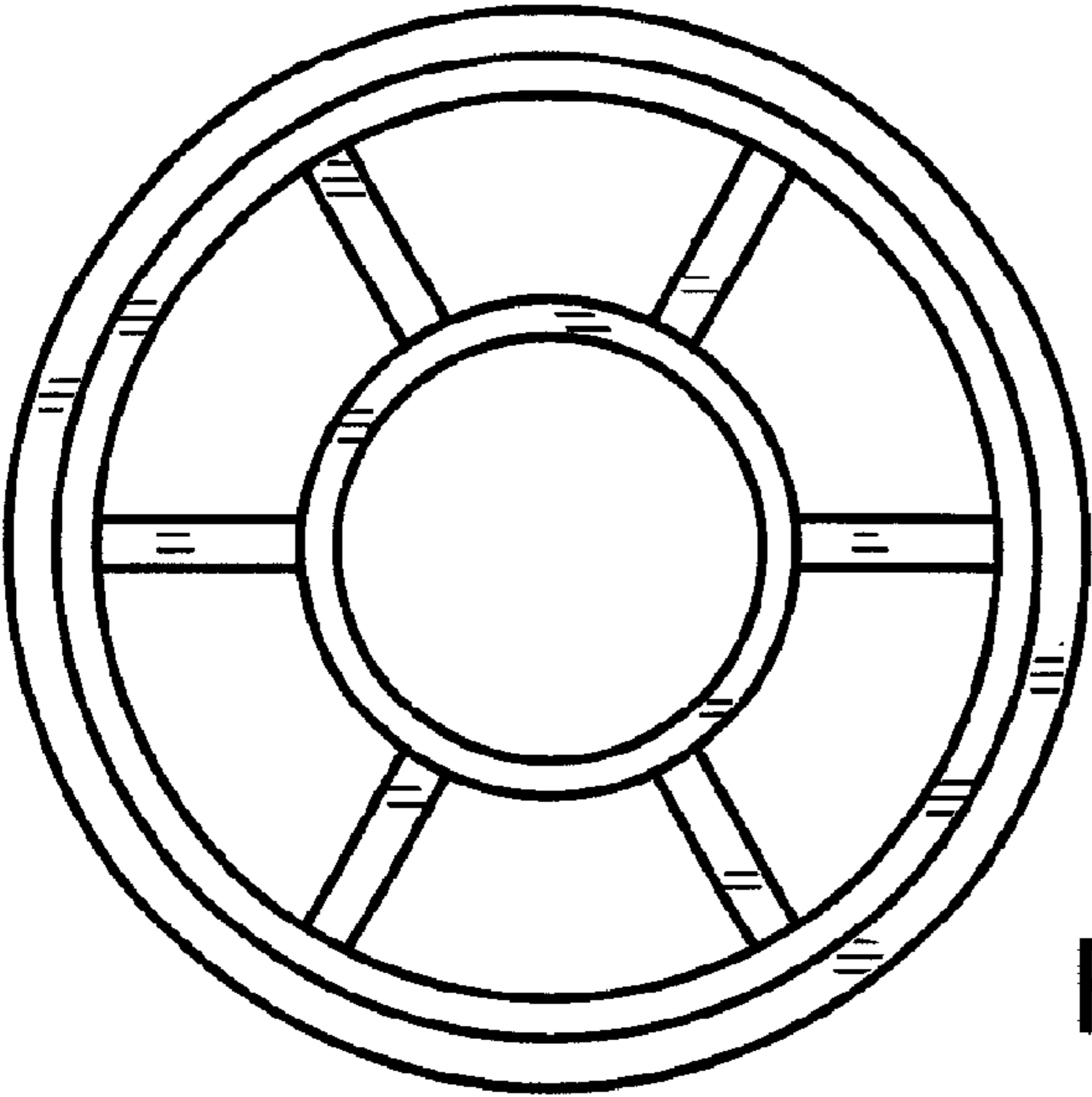


FIG. 3



FIG 4