



US00D597828S

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

(10) **Patent No.:** **US D597,828 S**

(45) **Date of Patent:** **** Aug. 11, 2009**

(54) **RETAINING RING FOR A SHAFT**

(75) Inventors: **Kouichi Tanaka**, Nagoya (JP);
Yoshichika Tanaka, Nagoya (JP)

(73) Assignee: **Chubu Bearing Kabushikikaisha**,
Aichi-ken (JP)

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

(21) Appl. No.: **29/239,828**

(22) Filed: **Oct. 5, 2005**

(51) **LOC (9) Cl.** **08-08**

(52) **U.S. Cl.** **D8/396; D8/354**

(58) **Field of Classification Search** D8/354,
D8/356, 371, 394-396; D19/65; D24/128;
D28/42, 43; 24/570, 16 R; 248/74.2, 215,
248/227.1, 49, 300, 301, 316.7, 51, 489;
403/316; 411/517, 520, 532

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,026,454	A *	12/1935	Benzing	.....	411/517
2,487,803	A *	11/1949	Heimann	.....	411/517
5,197,841	A *	3/1993	Tanaka	.....	411/522
5,207,462	A *	5/1993	Bartholomew	.....	285/321
5,331,725	A *	7/1994	Chou	.....	24/545
D389,050	S *	1/1998	Li	.....	D8/395
D412,649	S *	8/1999	Najarian et al.	.....	D8/1
D414,537	S *	9/1999	Crate	.....	D21/796

6,683,257	B1 *	1/2004	Roberts et al.	.....	174/135
D514,431	S *	2/2006	Tanaka et al.	.....	D8/354
D540,153	S *	4/2007	Tanaka et al.	.....	D8/354
2006/0257230	A1 *	11/2006	Tanaka et al.	.....	411/221

* cited by examiner

Primary Examiner—T. Chase Nelson

Assistant Examiner—John Windmuller

(74) *Attorney, Agent, or Firm*—Flynn, Thiel, Boutell & Tanis,
P.C.

(57) **CLAIM**

The ornamental design for a retaining ring for a shaft, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a retaining ring for a shaft showing our new design, the rear view being a mirror image thereof;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom view thereof;

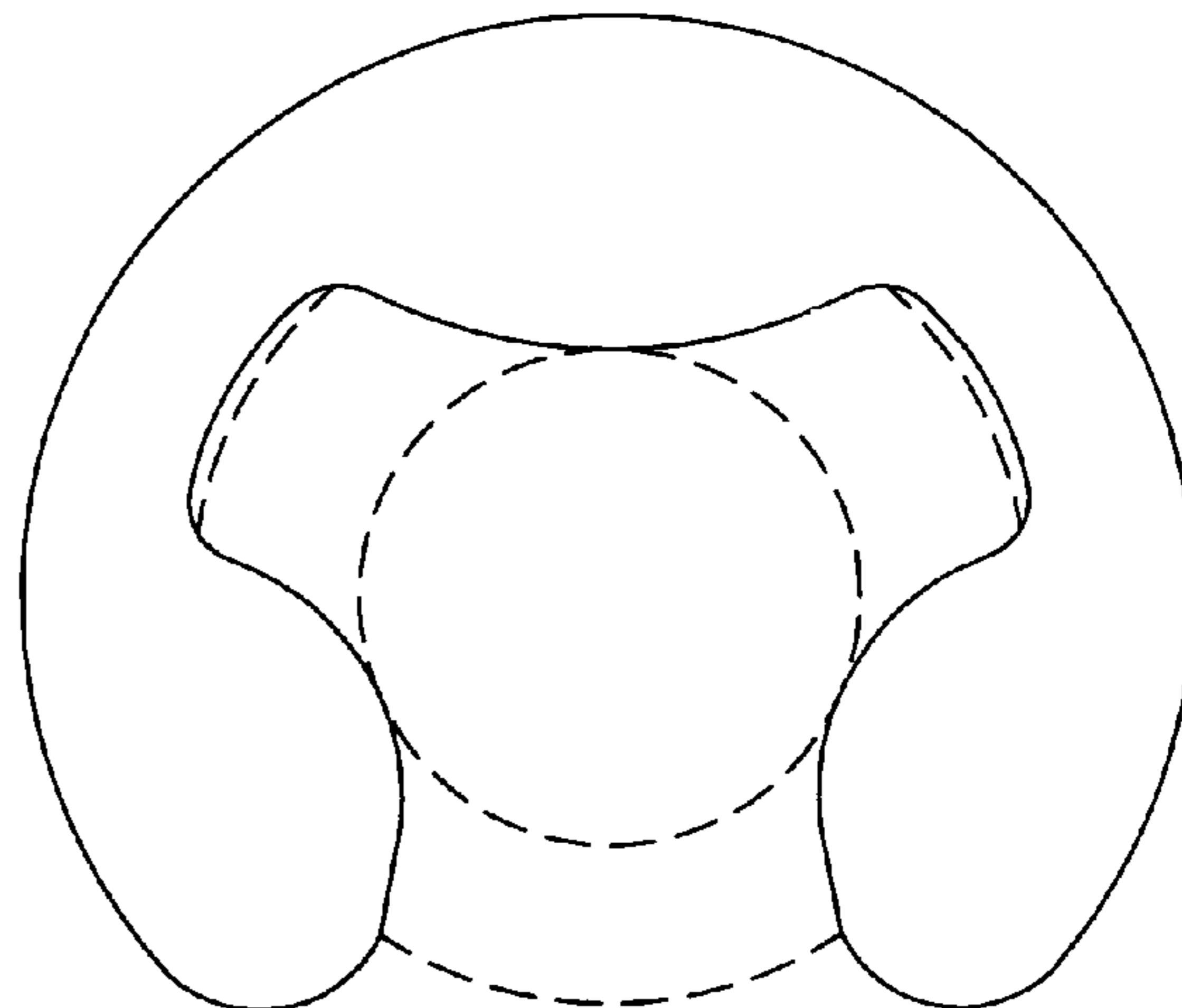
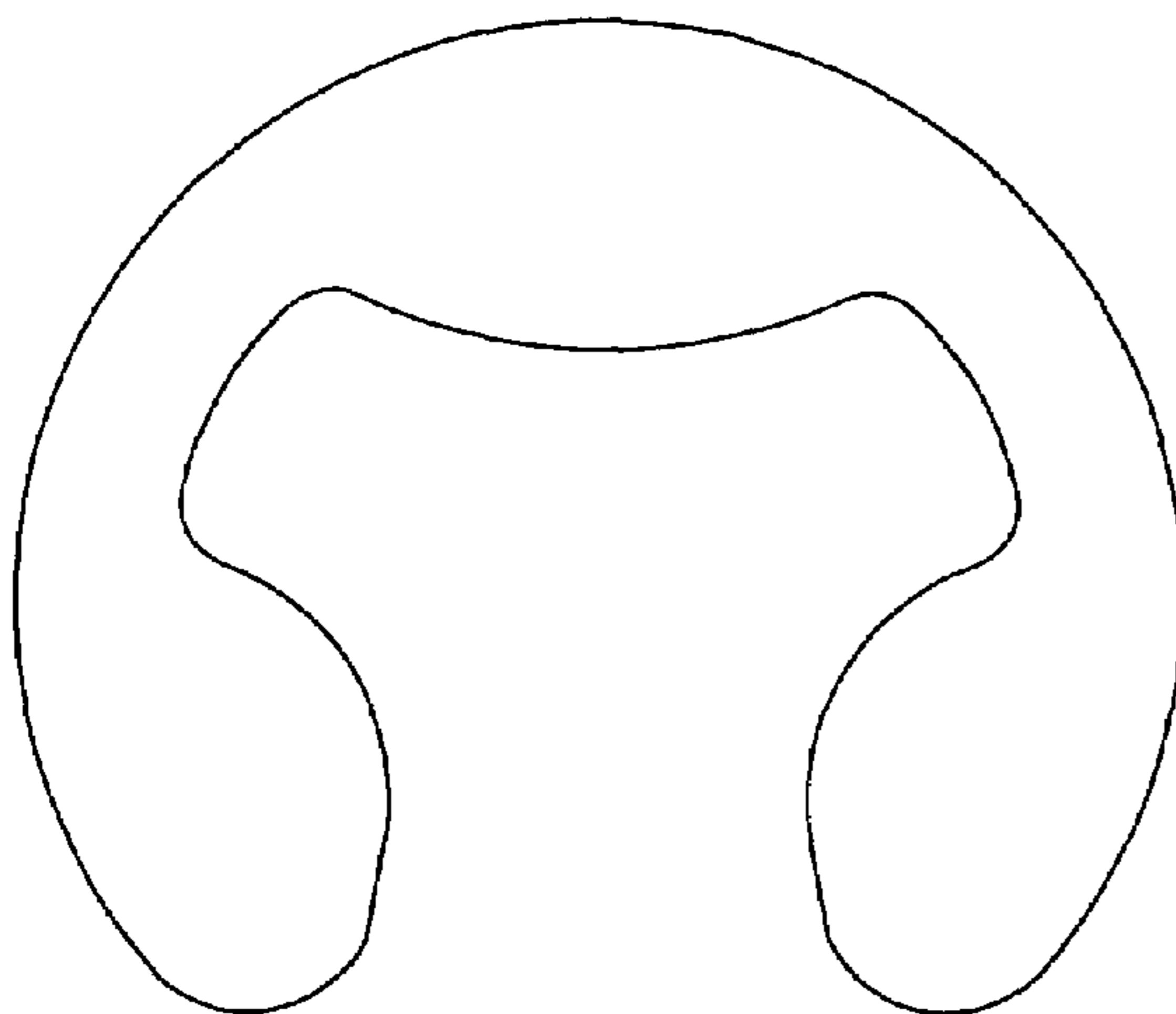
FIG. 4 is a left side view thereof, the right side view being a mirror image thereof;

FIG. 5 is an isometric view thereof; and,

FIG. 6 is a front view thereof showing the retaining ring mounted to a shaft.

The broken line showing of a shaft illustrates environment only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



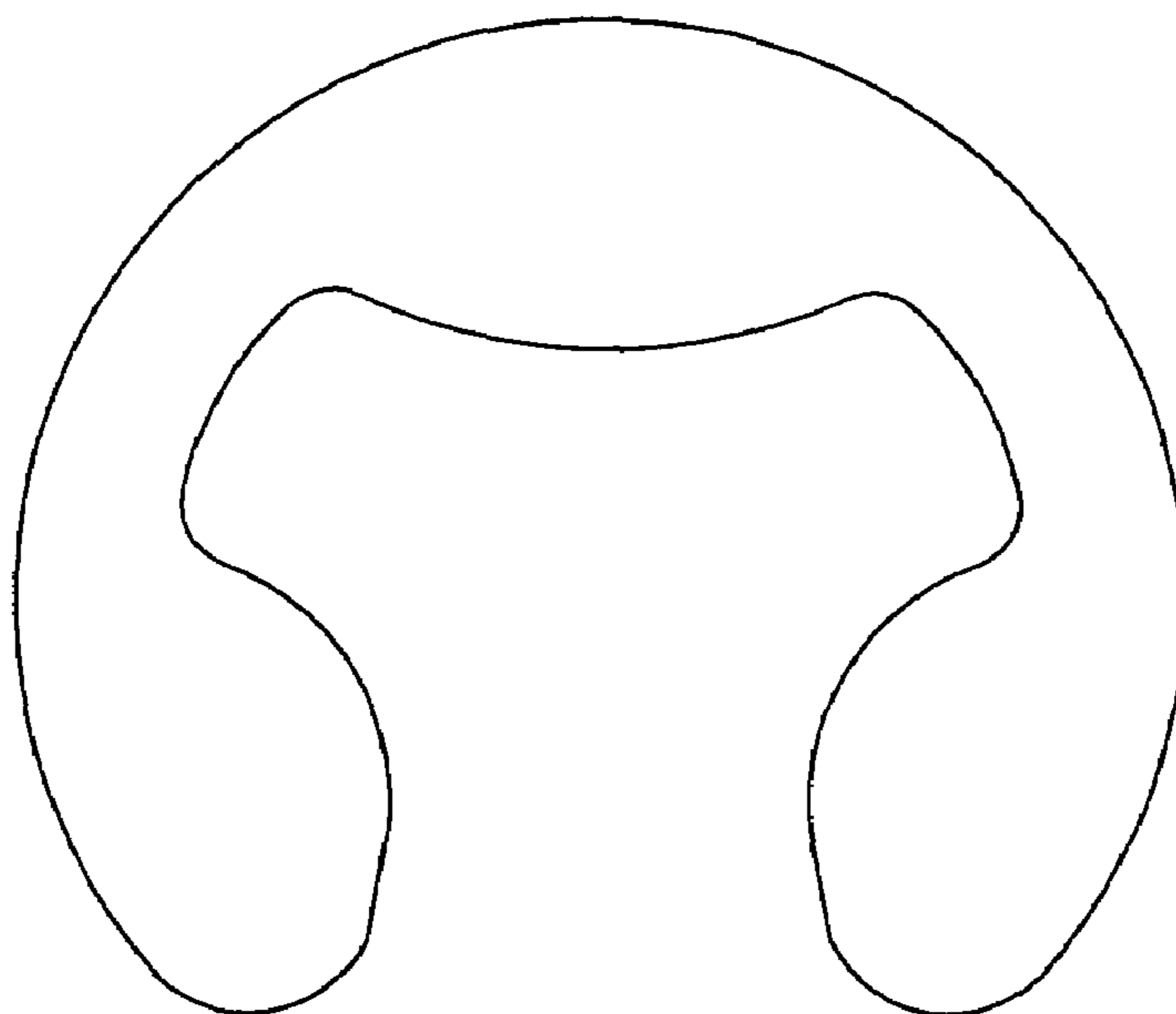


FIG. 1



FIG. 2

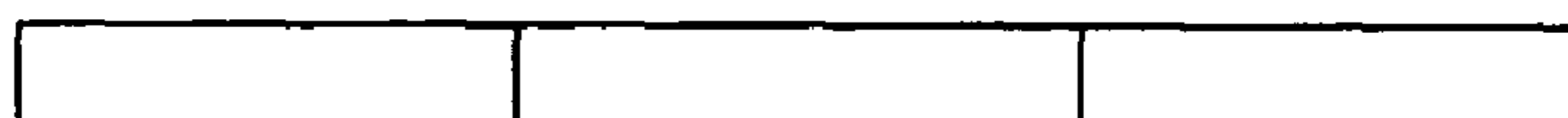


FIG. 3



FIG. 4

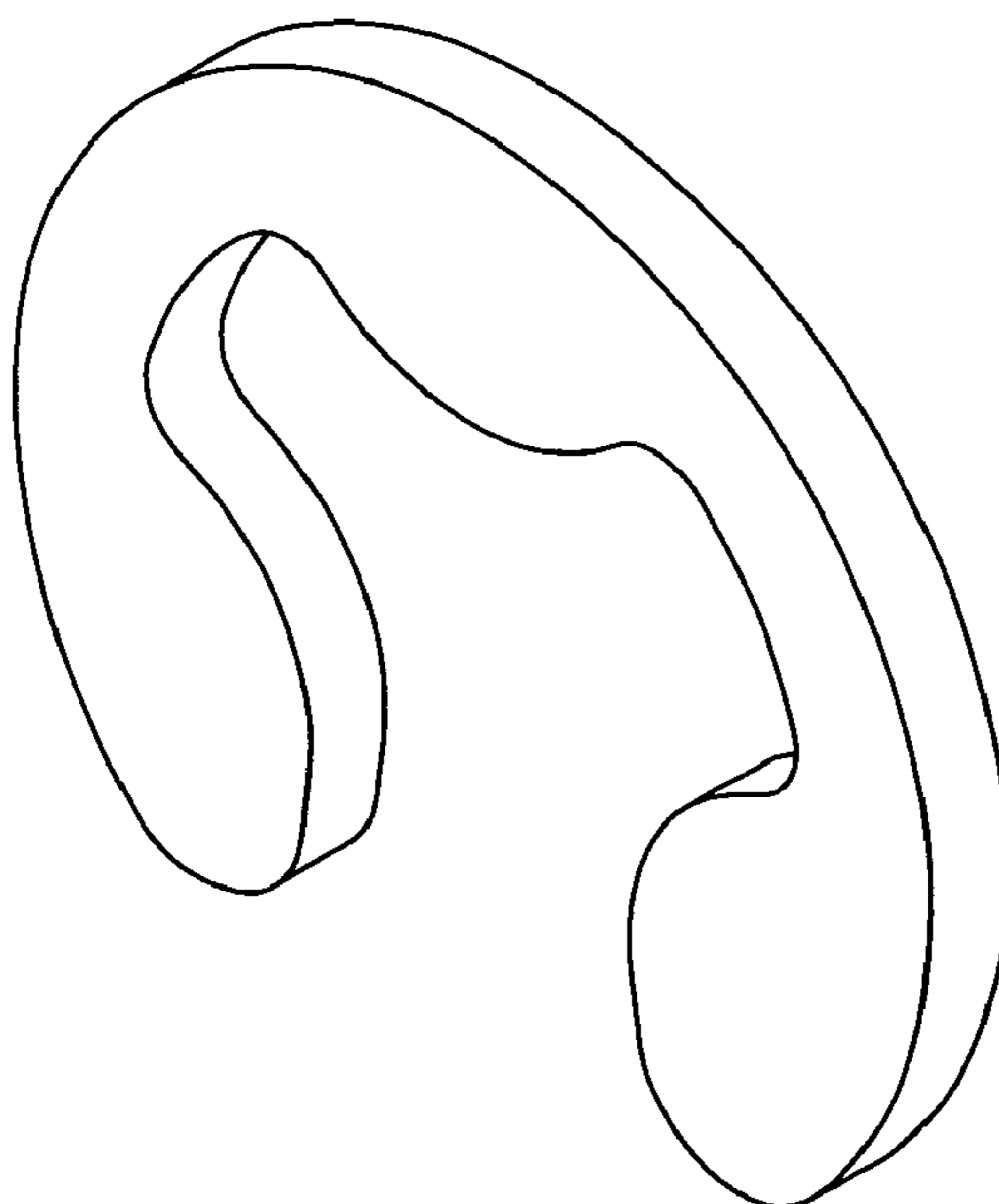


FIG. 5

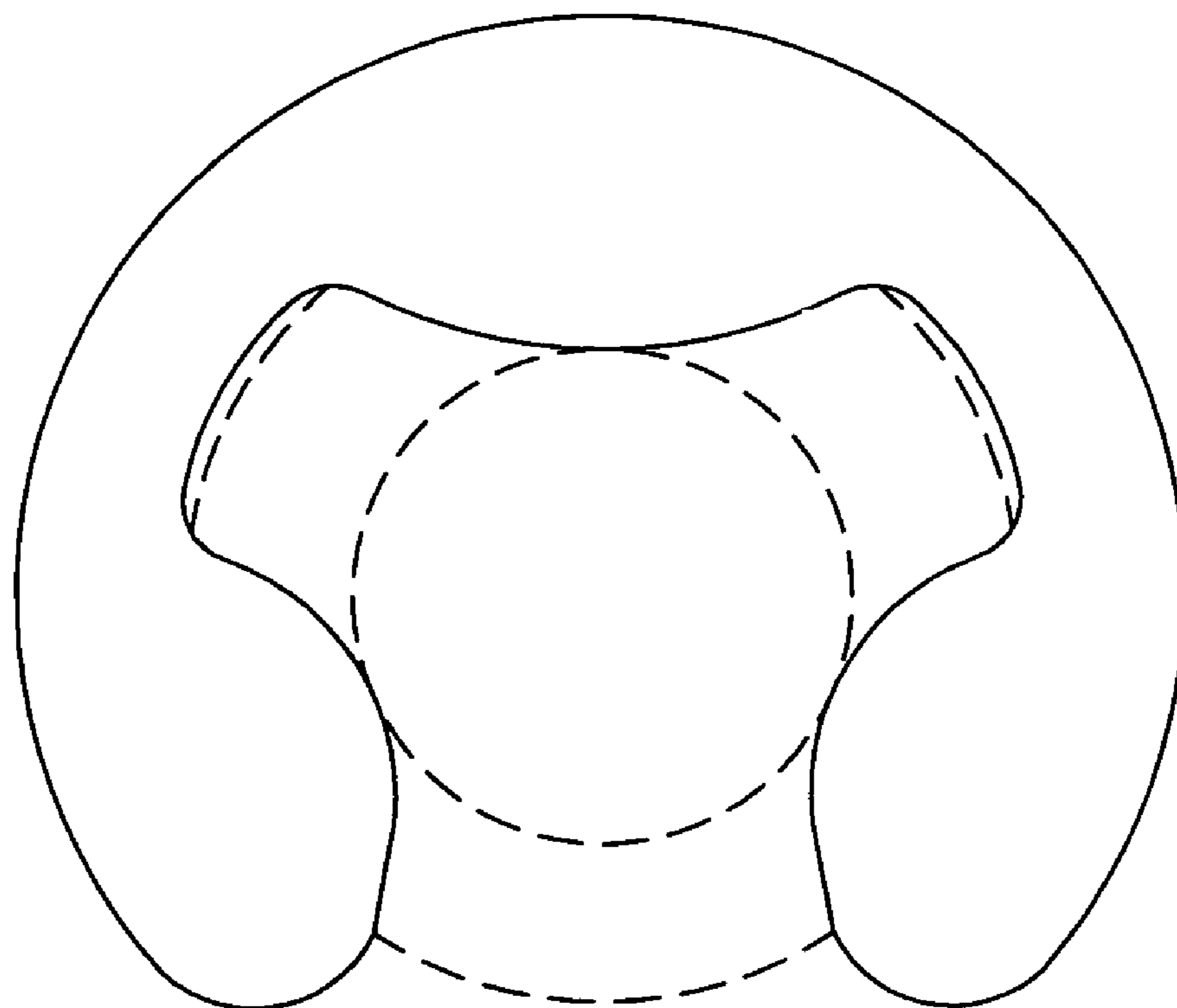


FIG. 6