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

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(54) **INTERNAL SNAP MEMBER**

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

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

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

(58) **Field of Classification Search**
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D24/128; D28/42, 43; 24/570, 16 R; 248/74.2,
248/215, 227.1, 49, 300, 301, 316.7, 51,
248/489; 403/316; 411/517, 519, 520, 532
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

526,331 A *	9/1894	Tobin	99/316
972,531 A *	10/1910	Haynes	24/562
2,059,695 A	11/1936	Jacobi	
2,348,135 A *	5/1944	Jacobi	70/379 R
2,544,631 A	3/1951	Heimann et al.	
2,574,034 A *	11/1951	Heimann	411/521
2,595,787 A *	5/1952	Heimann	24/16 R
2,985,054 A	5/1961	Bramberry et al.	
3,469,494 A *	9/1969	Frailly	411/517
3,535,977 A	10/1970	Baumgarten	
3,758,923 A *	9/1973	Maude	24/556
3,853,021 A *	12/1974	Hayes	74/568 R
4,099,444 A *	7/1978	Millheiser et al.	411/517
4,284,379 A *	8/1981	Chaiko	411/61
4,319,758 A *	3/1982	Nicholson	277/550
4,367,602 A *	1/1983	Petersen	37/459
4,594,040 A	6/1986	Molina	
4,603,597 A	8/1986	Onorati	

4,687,399 A	8/1987	Petrie	
4,752,178 A	6/1988	Greenhill	
4,886,408 A	12/1989	Killian et al.	
4,901,987 A	2/1990	Greenhill et al.	
D317,388 S *	6/1991	White	D7/400
5,197,841 A	3/1993	Tanaka	
5,297,900 A *	3/1994	Witzand	405/259.3
D347,164 S *	5/1994	Wodka	D8/395
5,315,746 A *	5/1994	Machino et al.	29/451
5,316,247 A *	5/1994	Wodka	248/73

(Continued)

FOREIGN PATENT DOCUMENTS

JP	D1313569	10/2007
JP	D1347874	1/2009

OTHER PUBLICATIONS

U.S. Appl. No. 29/397,262; First Named Inventor: Youji Takakuwa;
Title: "Internal Snap Member"; filed Jul. 13, 2011.

(Continued)

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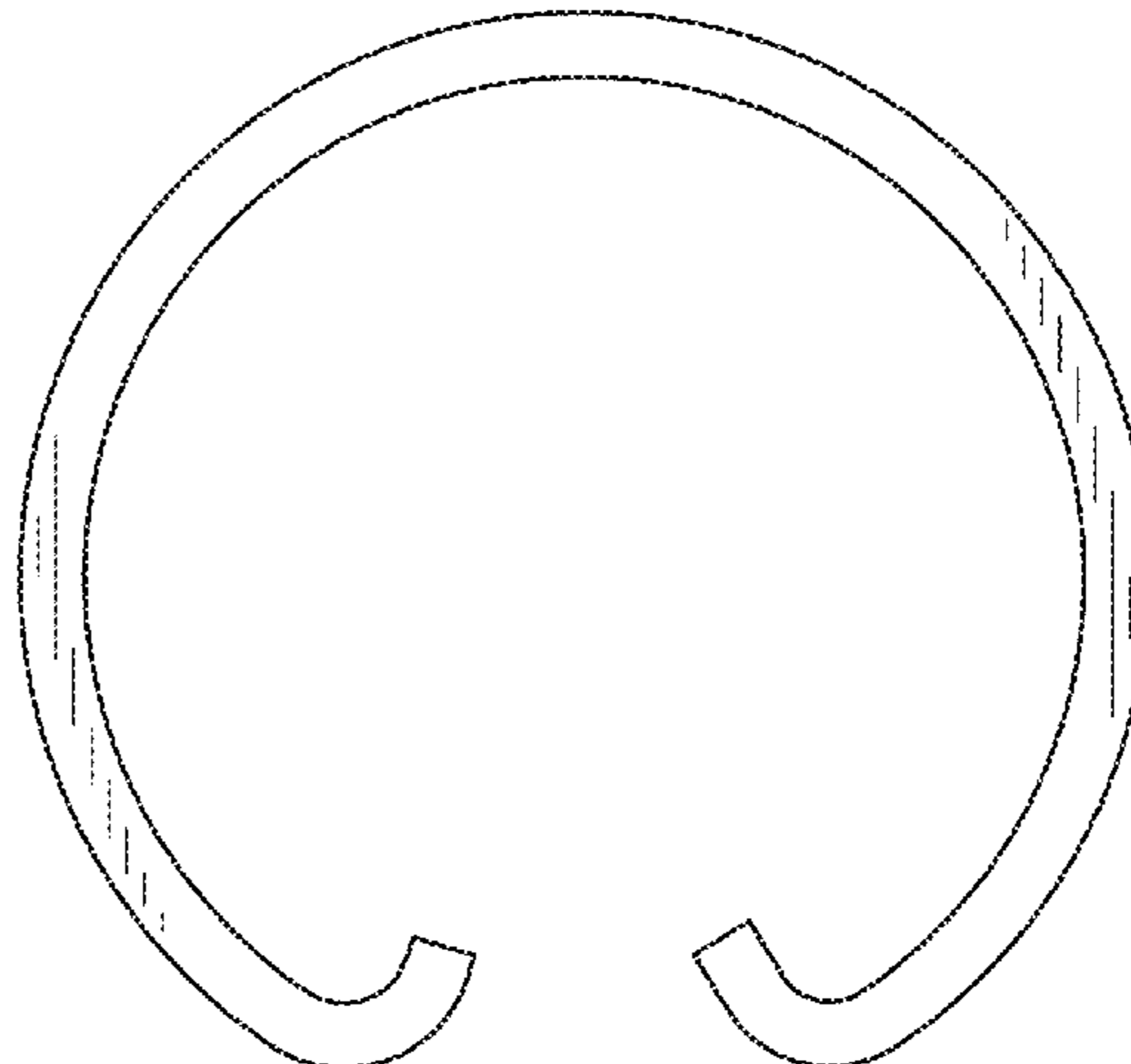
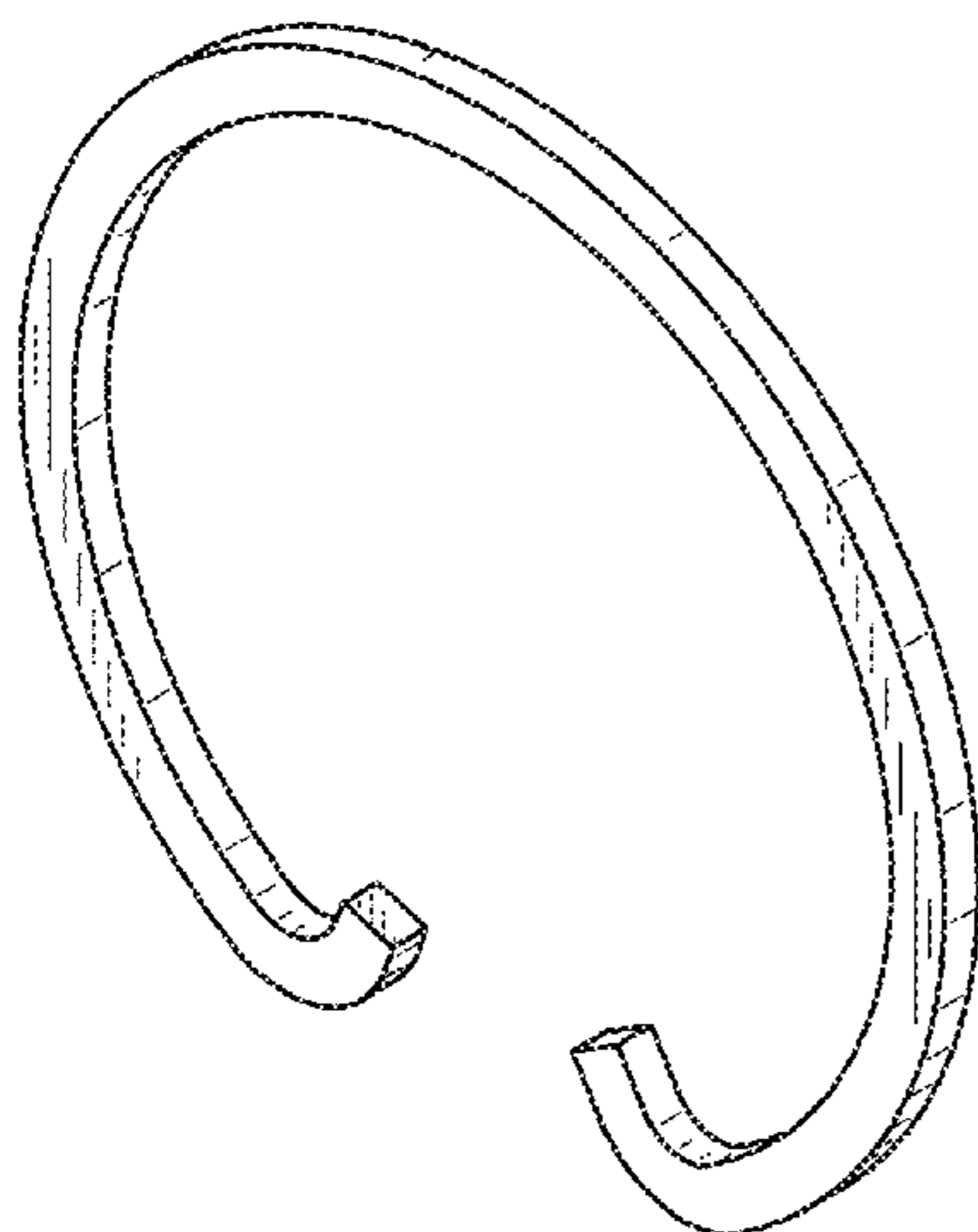
(57) **CLAIM**

The ornamental design for an internal snap member, as shown.

DESCRIPTION

FIG. 1 is a front, top and right-side perspective view of an internal snap member showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a left side view thereof; and,
FIG. 7 is a right side view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,558,393 A 9/1996 Hawkins et al.
 5,639,074 A 6/1997 Greenhill et al.
 5,888,392 A * 3/1999 Frizell 210/238
 5,921,122 A 7/1999 Lin
 D426,425 S * 6/2000 Hermanski D7/400
 D487,390 S 3/2004 Tanaka et al.
 6,792,823 B2 * 9/2004 Takahashi et al. 74/431
 7,051,562 B2 * 5/2006 Evans et al. 70/370
 D540,153 S 4/2007 Tanaka et al.
 7,212,647 B2 * 5/2007 Kaneda et al. 381/396
 7,390,029 B2 * 6/2008 Matsubara 285/321
 D578,383 S * 10/2008 Adams D8/395
 7,438,037 B2 * 10/2008 Oogake et al. 123/193.2
 D598,710 S * 8/2009 Griffith D7/412

D600,534 S * 9/2009 Tokumoto D8/354
 D608,189 S * 1/2010 Jackson et al. D8/395
 7,682,377 B2 * 3/2010 Konieczynski et al. 606/269
 D618,502 S * 6/2010 Cloutier D7/400
 D677,198 S * 3/2013 Verbowski D12/159
 D677,559 S * 3/2013 Taurins D8/367
 2007/0003273 A1 * 1/2007 Yasuda 396/349
 2007/0114340 A1 * 5/2007 Adams 248/72
 2008/0134877 A1 * 6/2008 Tokumoto 92/169.1
 2008/0236542 A1 * 10/2008 Tanimura et al. 123/337

OTHER PUBLICATIONS

U.S. Appl. No. 29/397,265; First Named Inventor: Youji Takakuwa;
 Title: "Internal Snap Member"; filed Jul. 13, 2011.

* cited by examiner

FIG. 1

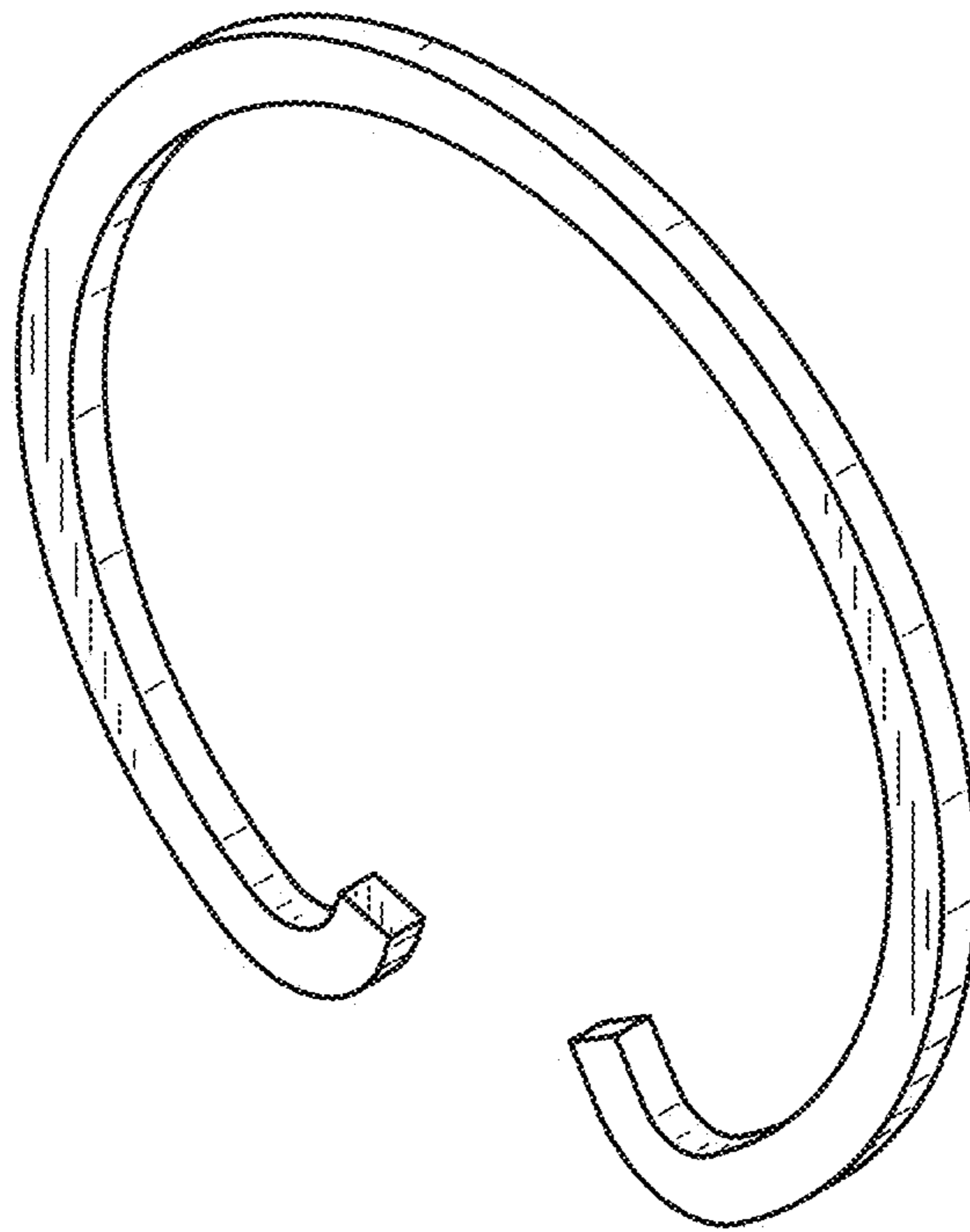


FIG. 2

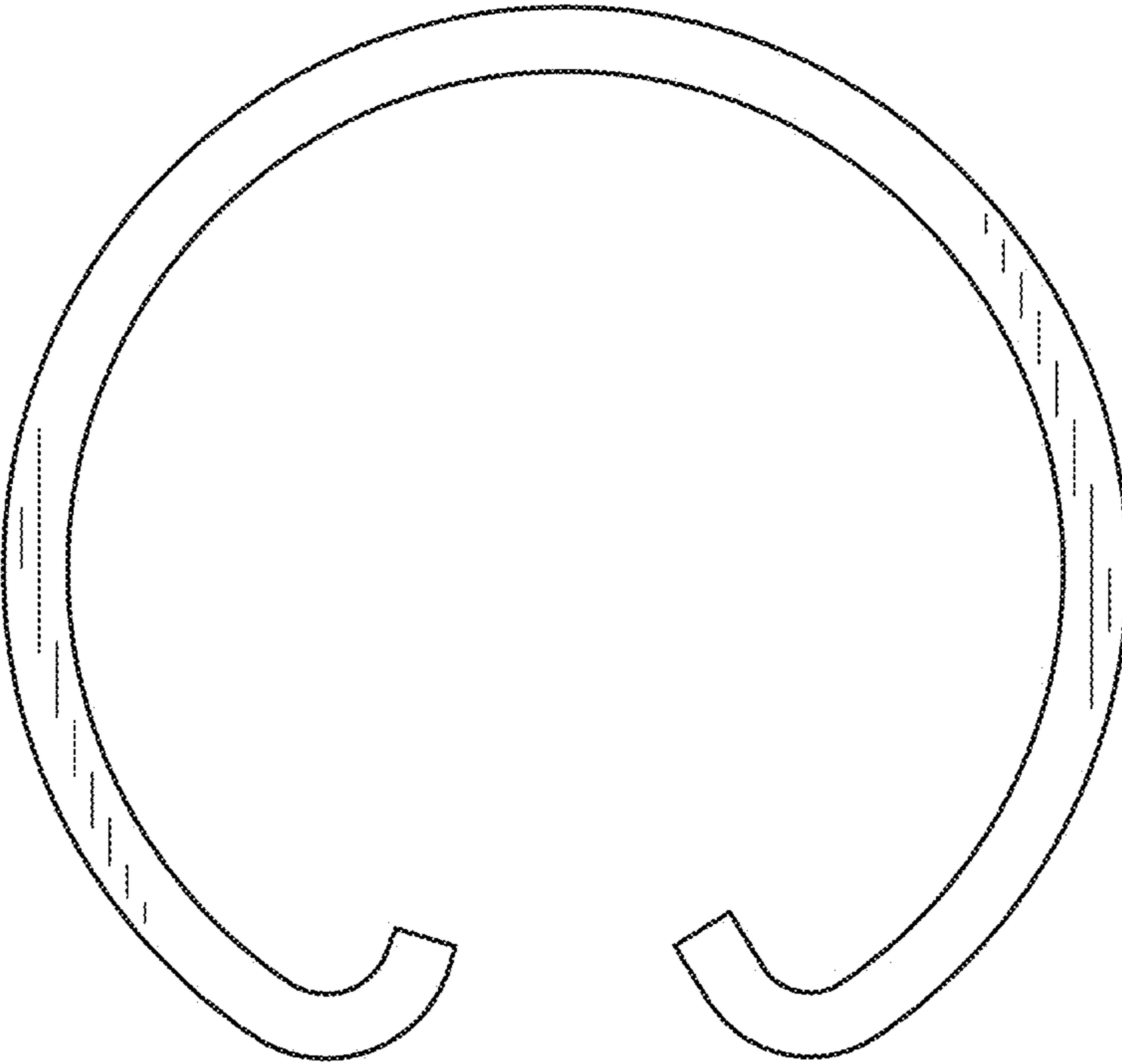


FIG. 3

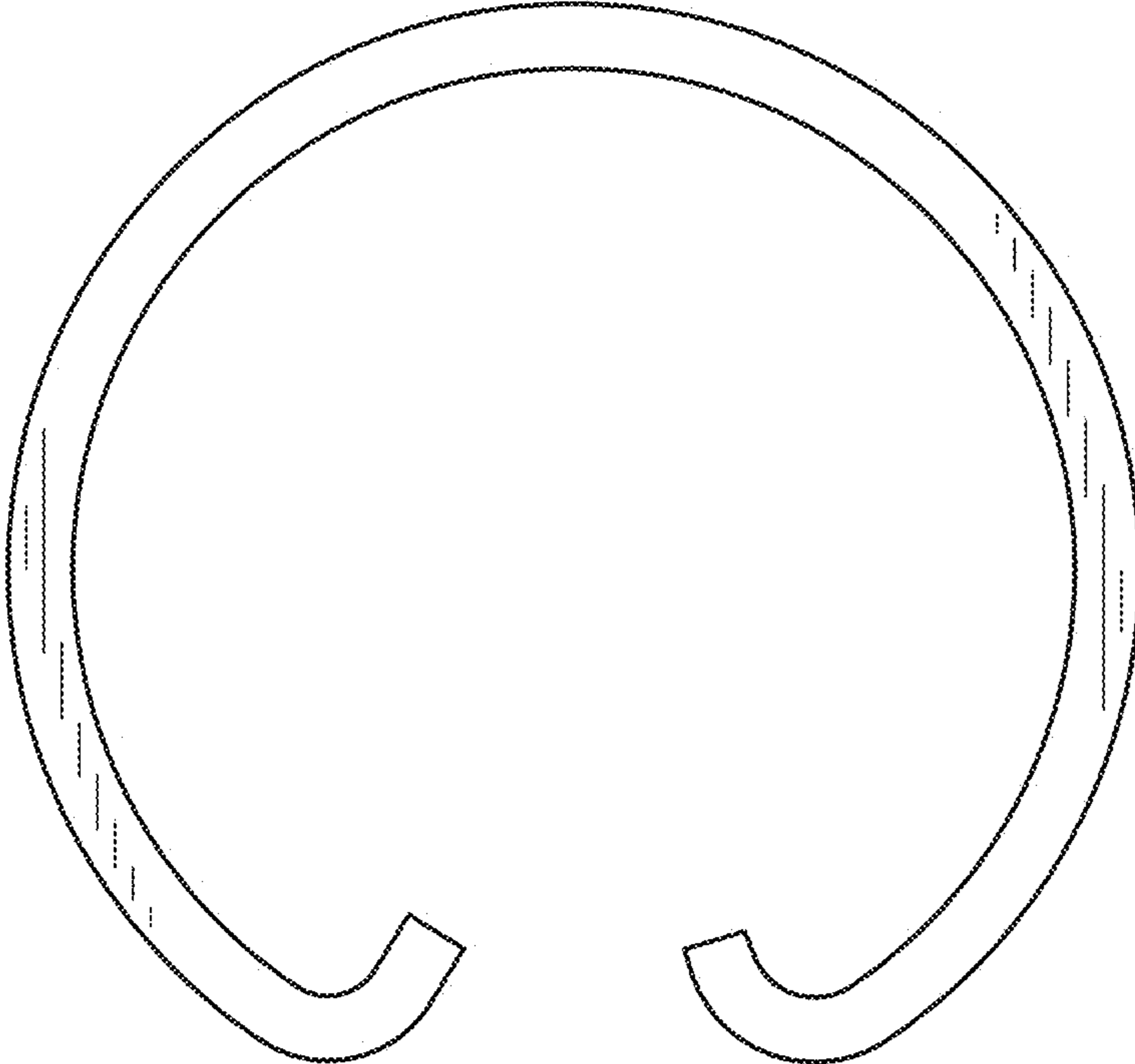


FIG. 4



FIG. 5



FIG. 6



FIG. 7

