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

(10) **Patent No.:** **US D447,192 S**

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(54) **HULA HOOP MODULE**

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

5,338,244	*	8/1994	Huang	446/242
5,569,134	*	10/1996	Nordanger	446/236 X
5,782,743		7/1998	Russell	.	
5,823,846	*	10/1998	Arriola et al.	.....	446/236
5,997,449	*	12/1999	Lee	.....	446/236 X
6,059,632	*	5/2000	Sassak	.....	446/236
6,102,769	*	8/2000	Huang	.....	446/236

FOREIGN PATENT DOCUMENTS

61-54864 4/1986 (JP) .

* cited by examiner

Primary Examiner—Dominic Simone

(74) *Attorney, Agent, or Firm*—Lee & Hong

(21) Appl. No.: **29/123,816**

(22) Filed: **May 25, 2000**

(30) **Foreign Application Priority Data**

Jan. 14, 2000 (KR) 00-857

(51) **LOC (7) Cl.** **21-01**

(52) **U.S. Cl.** **D21/457**

(58) **Field of Search** D21/457; 446/236,
446/242-244, 450

(57) **CLAIM**

The ornamental design for a hula hoop module, as shown and described.

DESCRIPTION

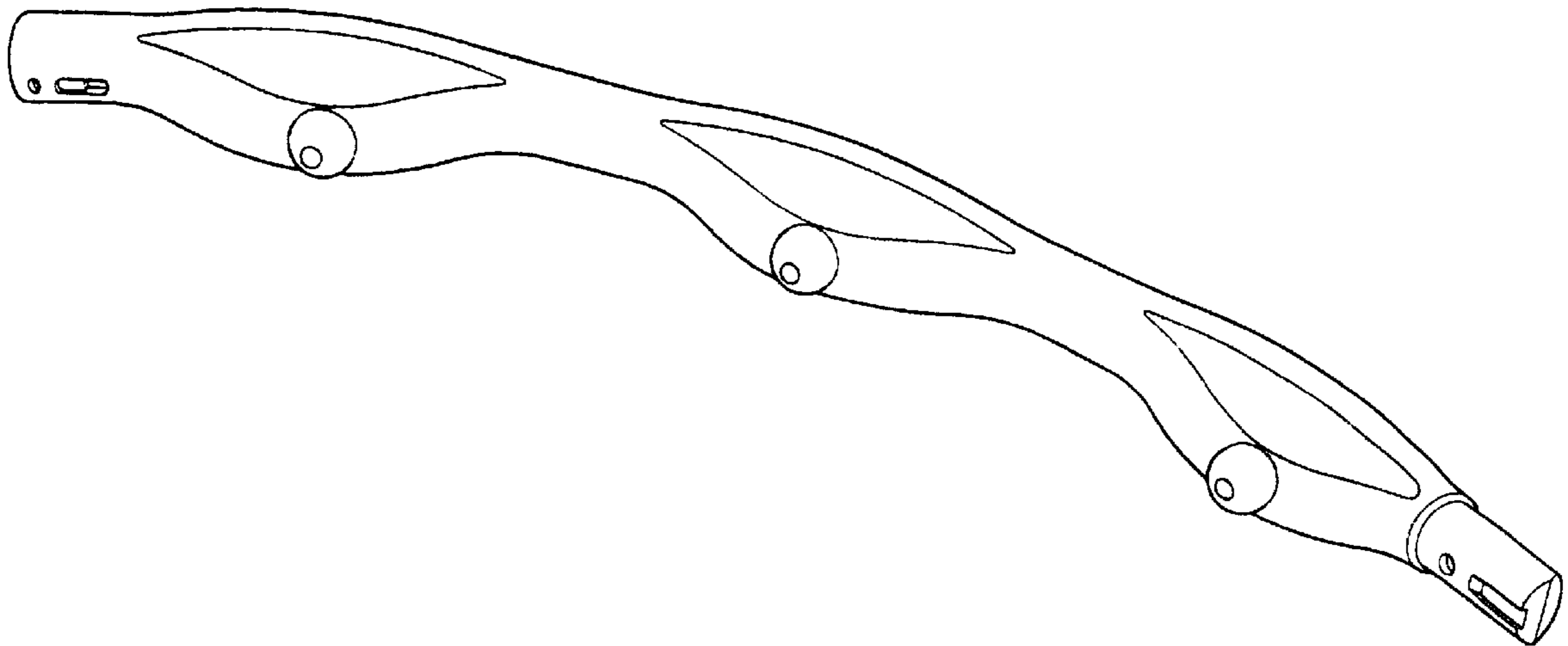
FIG. 1 is a perspective view of a hula hoop module, showing my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a top plan view thereof;
 FIG. 5 is a bottom plan view thereof;
 FIG. 6 is a left perspective view thereof;
 FIG. 7 is a right perspective view thereof;
 FIG. 8 is a cross-sectional view as viewed along the line A—A of FIG. 2; FIG. 8 is for illustrative purposes only and forms no part of the claimed design; and,
 FIG. 9 is a top plan view thereof, the additional modules forming the completed hoop are shown in broken lines for illustrative purposes only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 55,412	*	6/1920	Brown	.....	D21/457
D. 320,241	*	9/1991	Moore	.....	D21/457
D. 342,294	*	12/1993	Kirkland	.....	D21/457
D. 343,209	*	1/1994	Lee	.....	D21/457
D. 399,969		10/1998	Lin	.	
2,910,804		11/1959	White	.	
3,079,728	*	3/1963	Melin	.....	446/236
3,217,446		11/1965	Steiert	.	
3,337,984		8/1967	Tomasello	.	
4,052,982	*	10/1977	Ozeryansky	.....	446/236 X
4,380,885	*	4/1983	Komagata	.....	446/236
4,480,596		11/1984	Shumiyashu	.	
4,850,340		7/1989	Onishi	.	
4,915,666	*	4/1990	Maleyko	.....	446/242
4,917,644		4/1990	Sunshine	.	
5,139,014		8/1992	Chang	.	



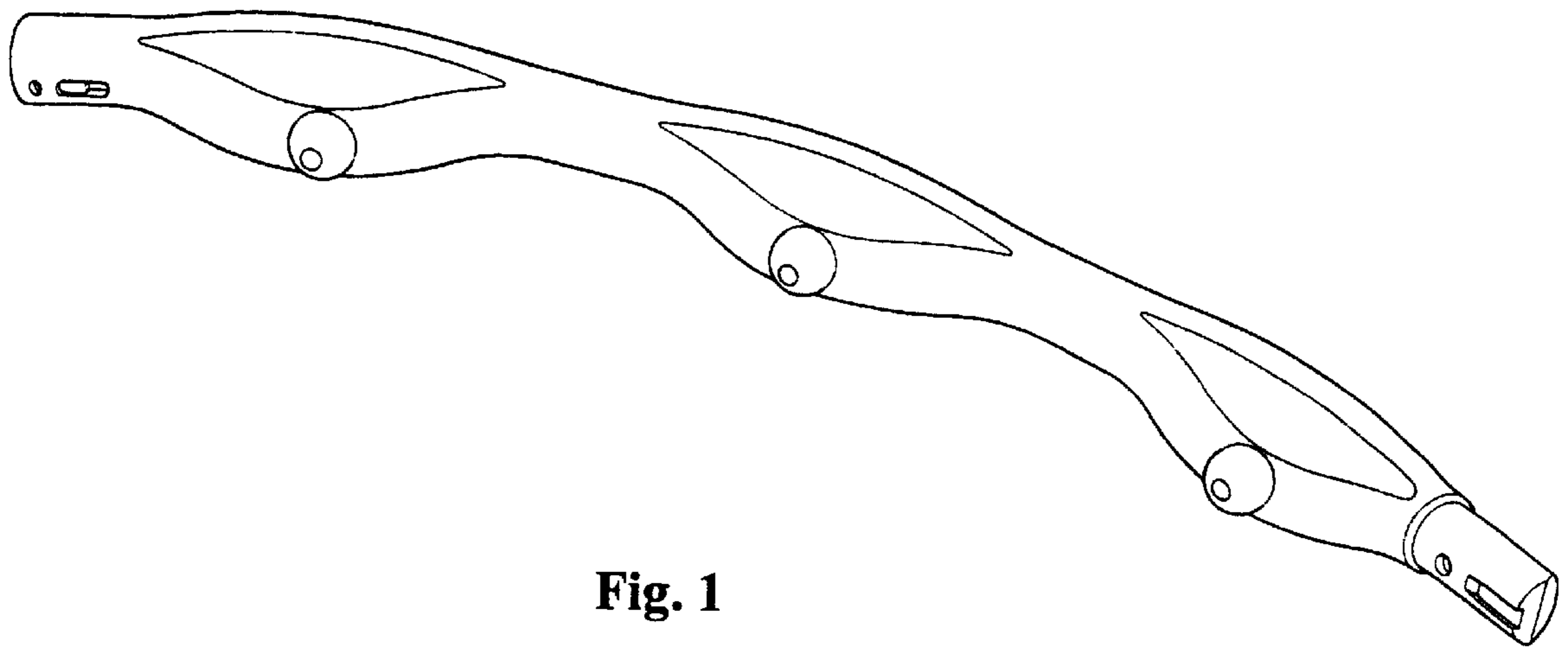


Fig. 1

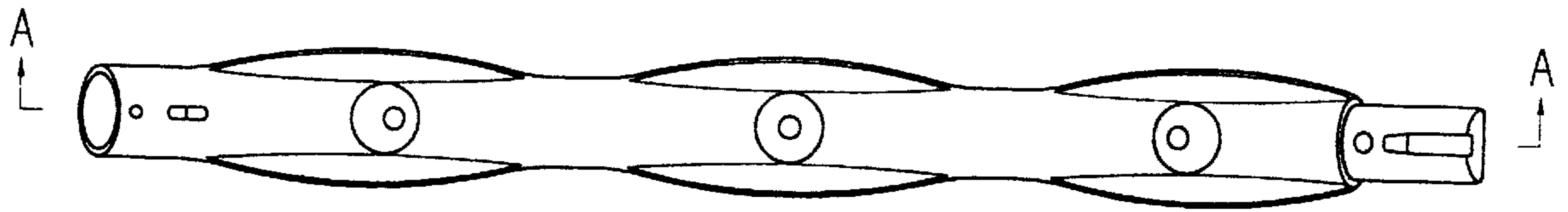


Fig. 2

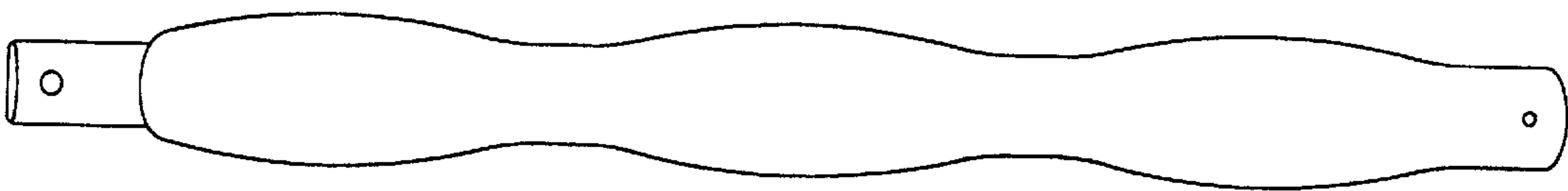


Fig. 3

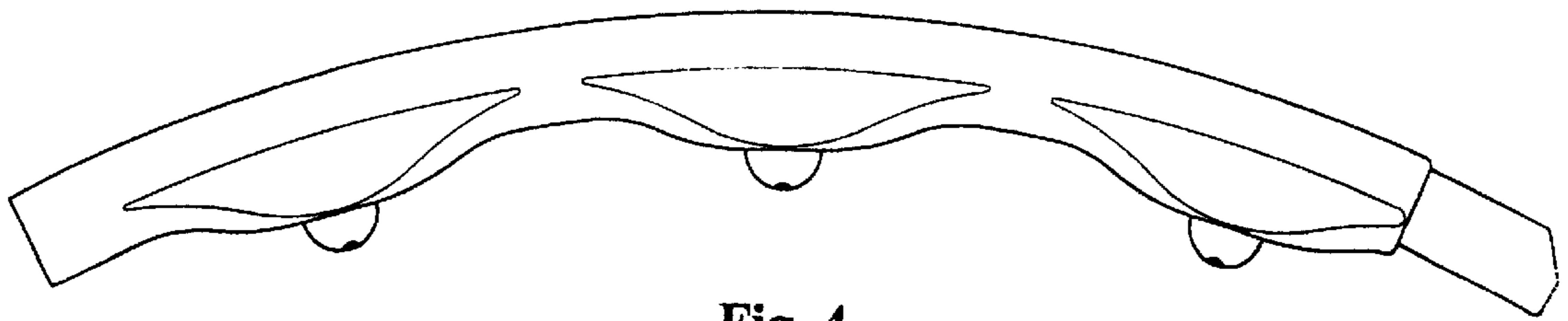


Fig. 4

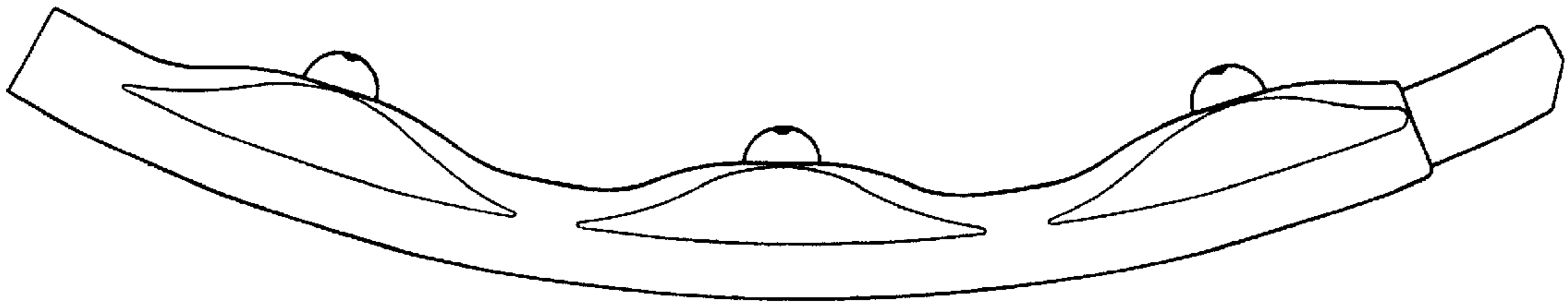


Fig. 5

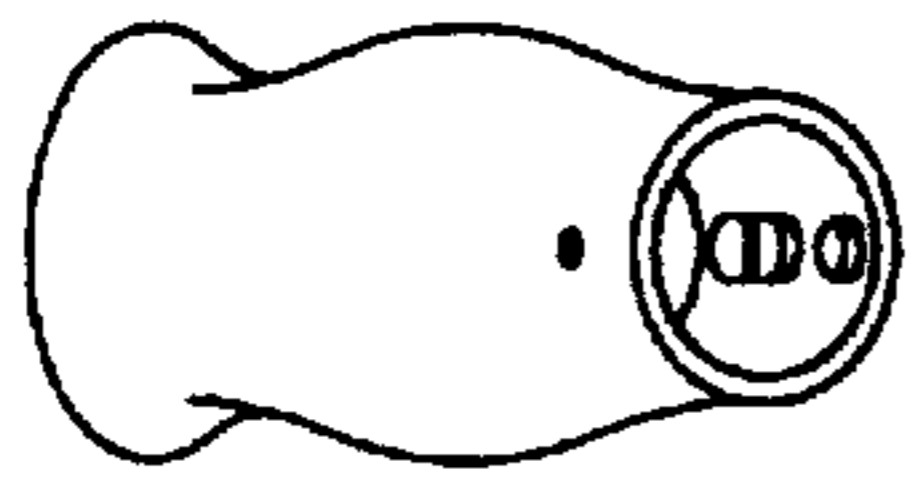


Fig. 6

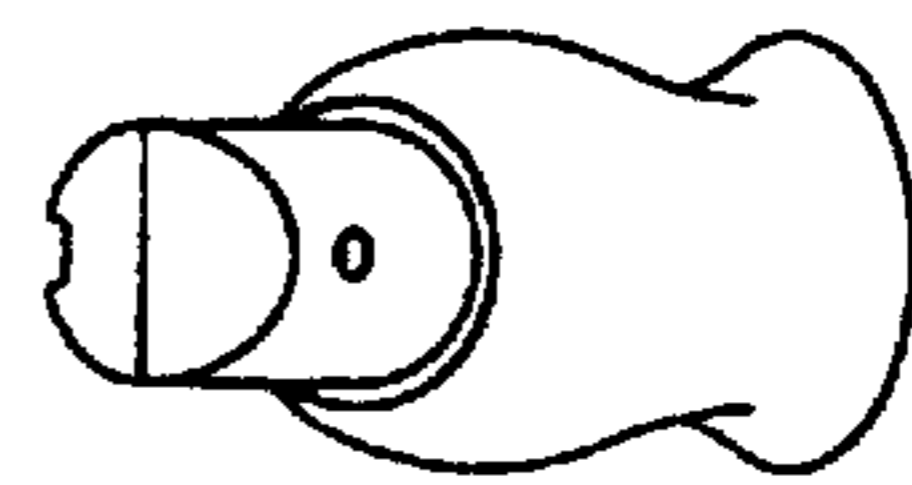


Fig. 7

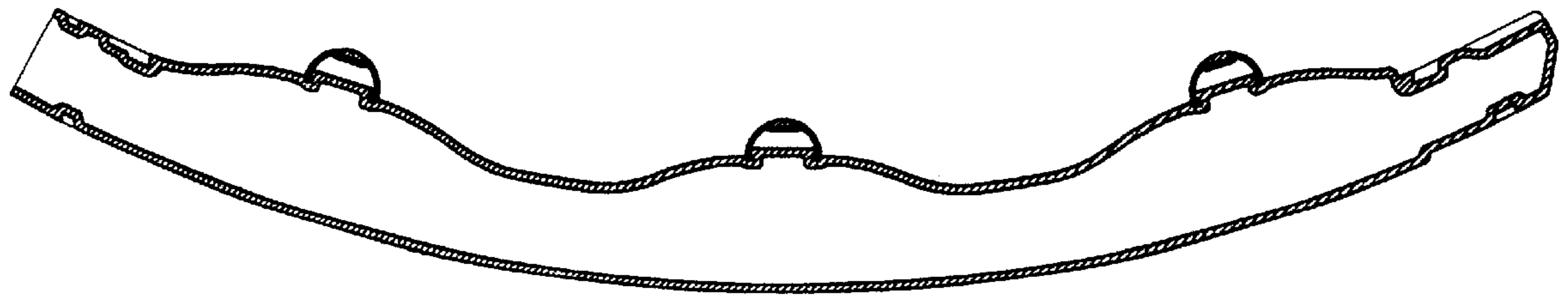


Fig. 8

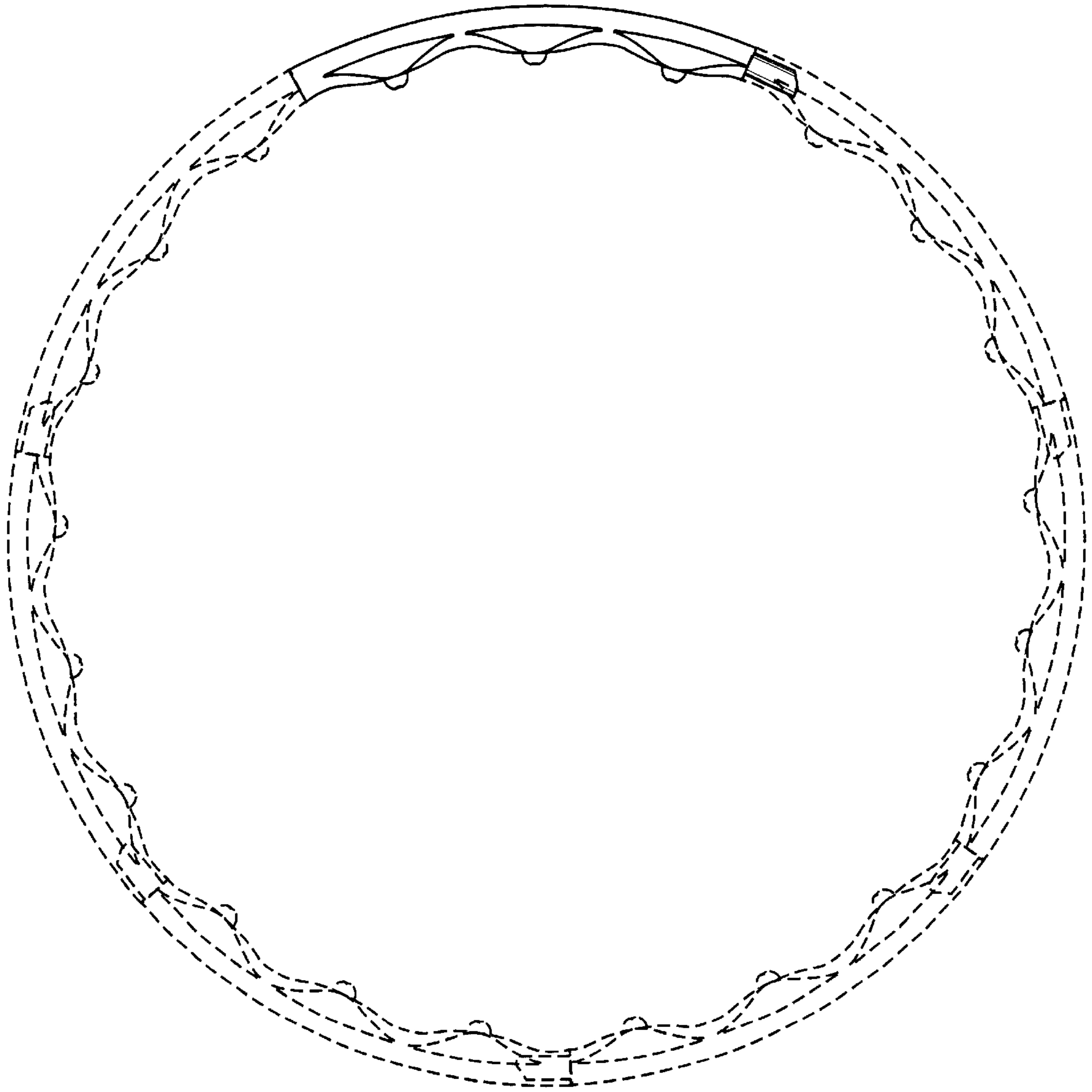


Fig. 9