



US00D595652S

(12) **United States Design Patent**
Di Stefano

(10) **Patent No.:** **US D595,652 S**
(45) **Date of Patent:** **** Jul. 7, 2009**

(54) **DOUBLE ENDED MICROELECTRONIC CONNECTOR**

7,491,069 B1 * 2/2009 Di Stefano et al. 439/74
2004/0106327 A1 * 6/2004 Baker 439/654

(75) Inventor: **Thomas H. Di Stefano**, Monte Sereno, CA (US)

* cited by examiner

(73) Assignee: **Centipede Systems, Inc.**, San Jose, CA (US)

Primary Examiner—Daniel D Bui
Assistant Examiner—Thomas J Johannes
(74) *Attorney, Agent, or Firm*—Townsend and Townsend and Crew LLP; Kenneth R. Allen

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

(21) Appl. No.: **29/323,778**

(22) Filed: **Aug. 29, 2008**

(57) **CLAIM**

The ornamental design for double ended microelectronic connector, as shown and described.

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/133; D13/154**

(58) **Field of Classification Search** D13/133–136, D13/154, 184, 199; 439/168, 220, 226, 232, 439/280, 336, 419, 602; D26/24, 113; 313/318.01–318.05, 313/318.12; 362/260, 581

See application file for complete search history.

DESCRIPTION

The double ended microelectronic connector is used for making an electrical and mechanical connection to mating ball terminals as shown with broken line in FIG. 7.

FIG. 1 is a perspective view of a double ended microelectronic connector showing my new design;

FIG. 2 is a front elevational view thereof, the rear elevational view being identical to the front elevational view;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a bottom view showing a tubular base thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a rear elevational view thereof, showing a typical usage configuration.

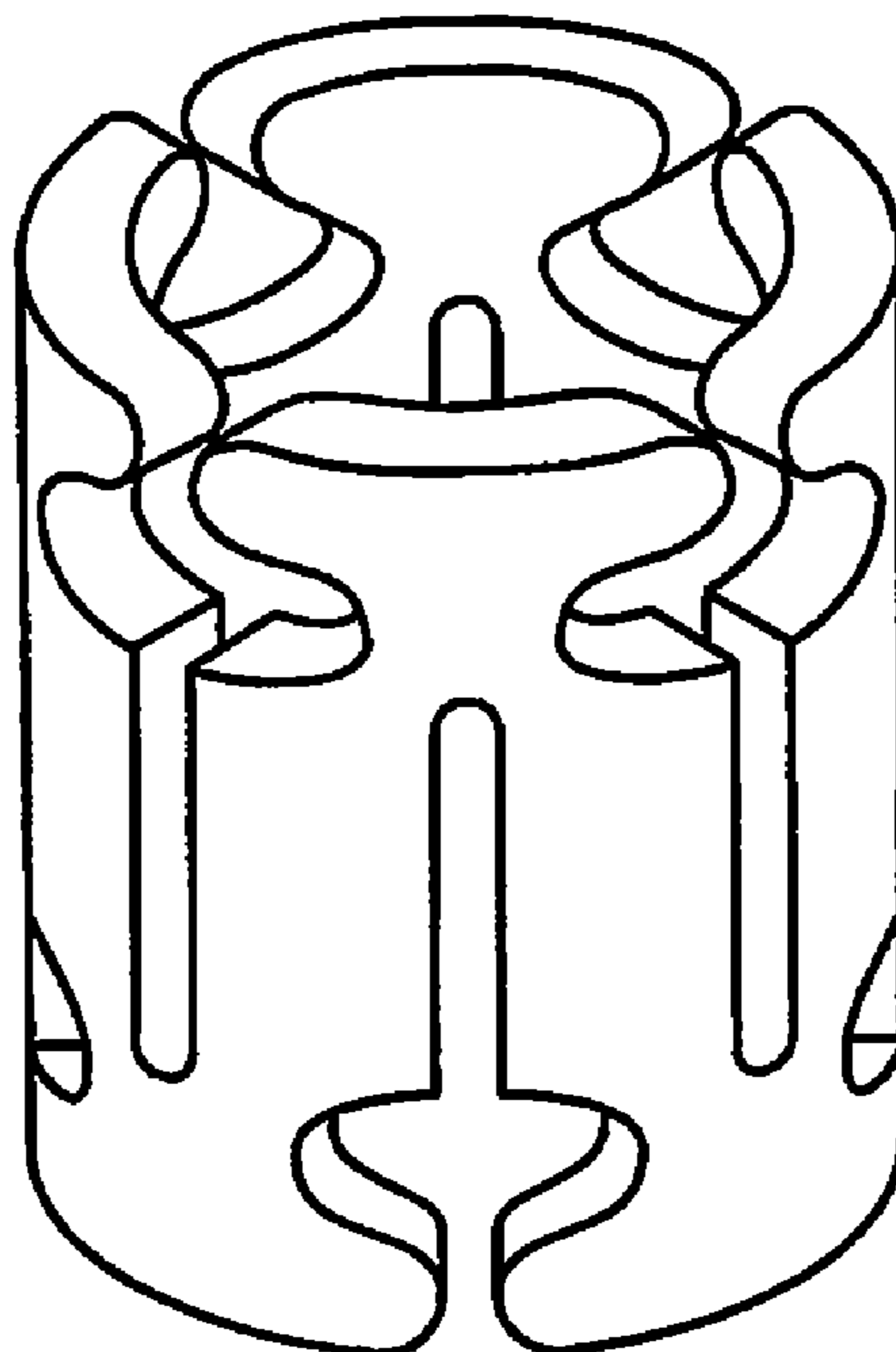
The broken line portion of FIG. 7 is included to show unclaimed mating ball terminals only and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,531,807	A *	7/1985	Trigon	439/866
4,897,040	A *	1/1990	Gerke et al.	439/401
5,082,462	A *	1/1992	Oswald, Jr.	439/851
D372,222	S *	7/1996	Matthews	D13/154
5,554,048	A *	9/1996	Martins	439/406
D387,729	S *	12/1997	Huska	D13/133
6,444,913	B1 *	9/2002	Kao	174/73.1
6,720,511	B2 *	4/2004	Windebank	200/275
7,008,251	B2 *	3/2006	Ripper et al.	439/279
7,164,951	B2 *	1/2007	Ries et al.	607/37
7,393,214	B2 *	7/2008	DiStefano	439/66
7,445,001	B2 *	11/2008	Sikora	123/634

1 Claim, 1 Drawing Sheet



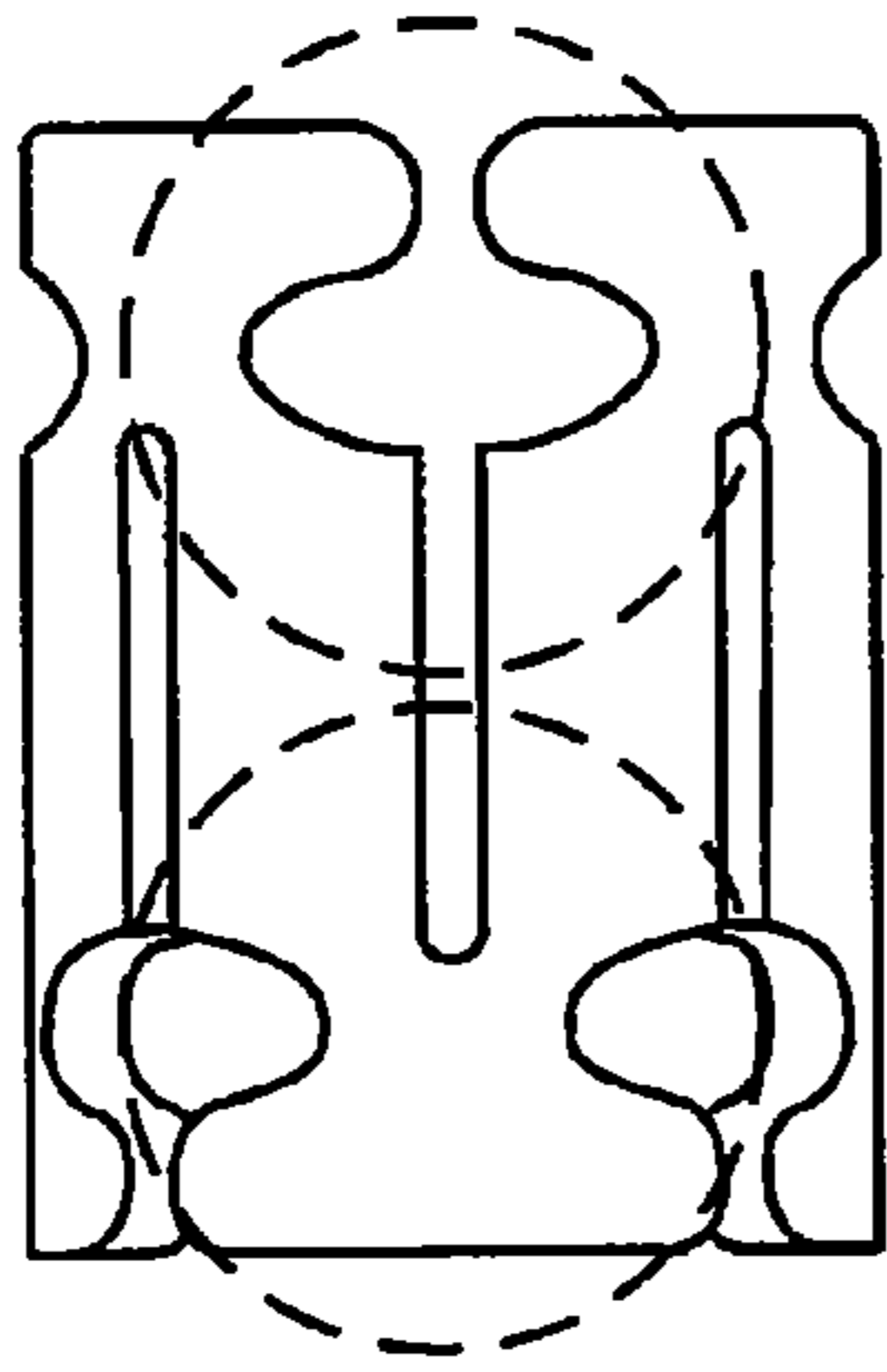


FIG. 7

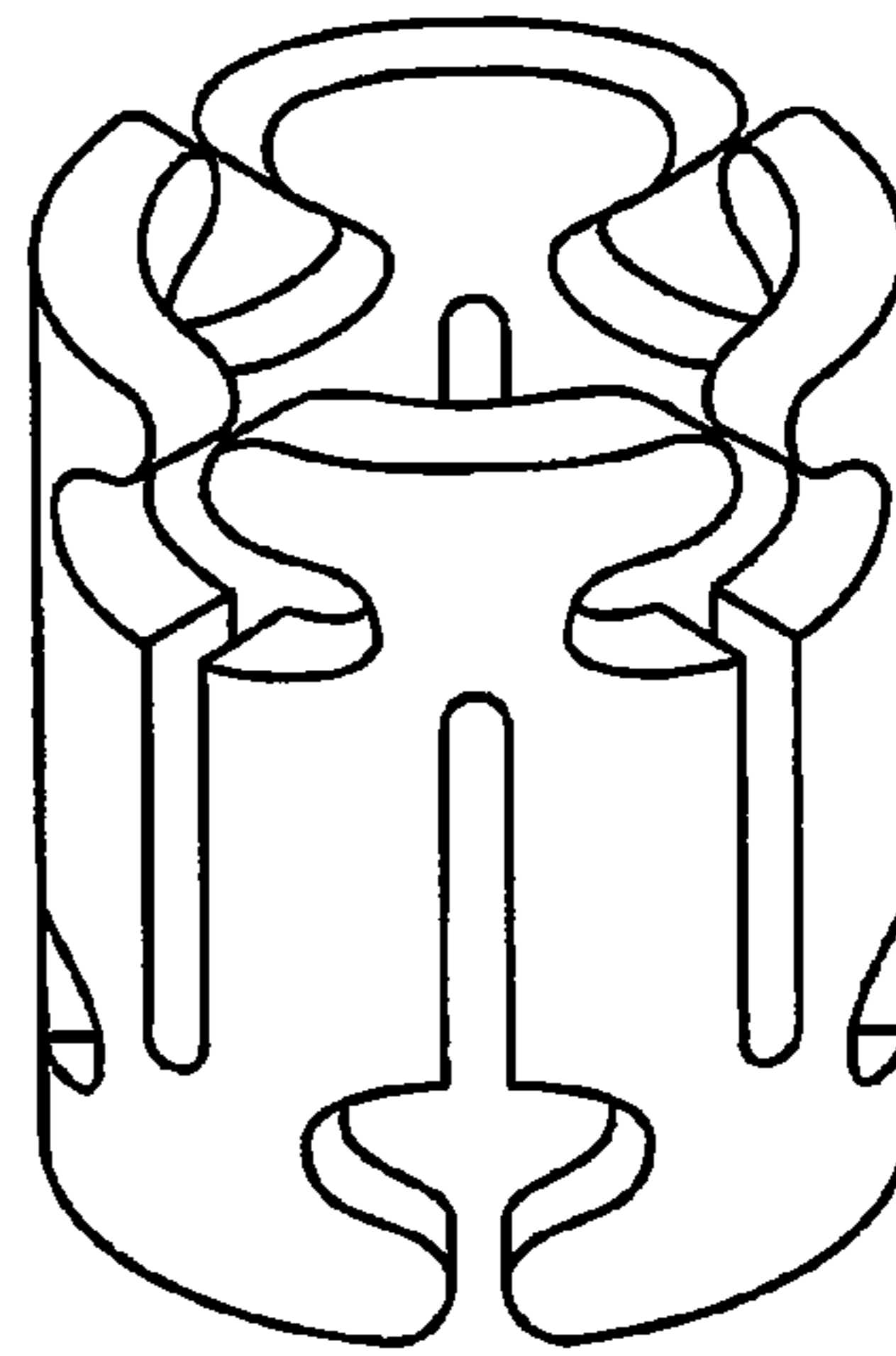


FIG. 1

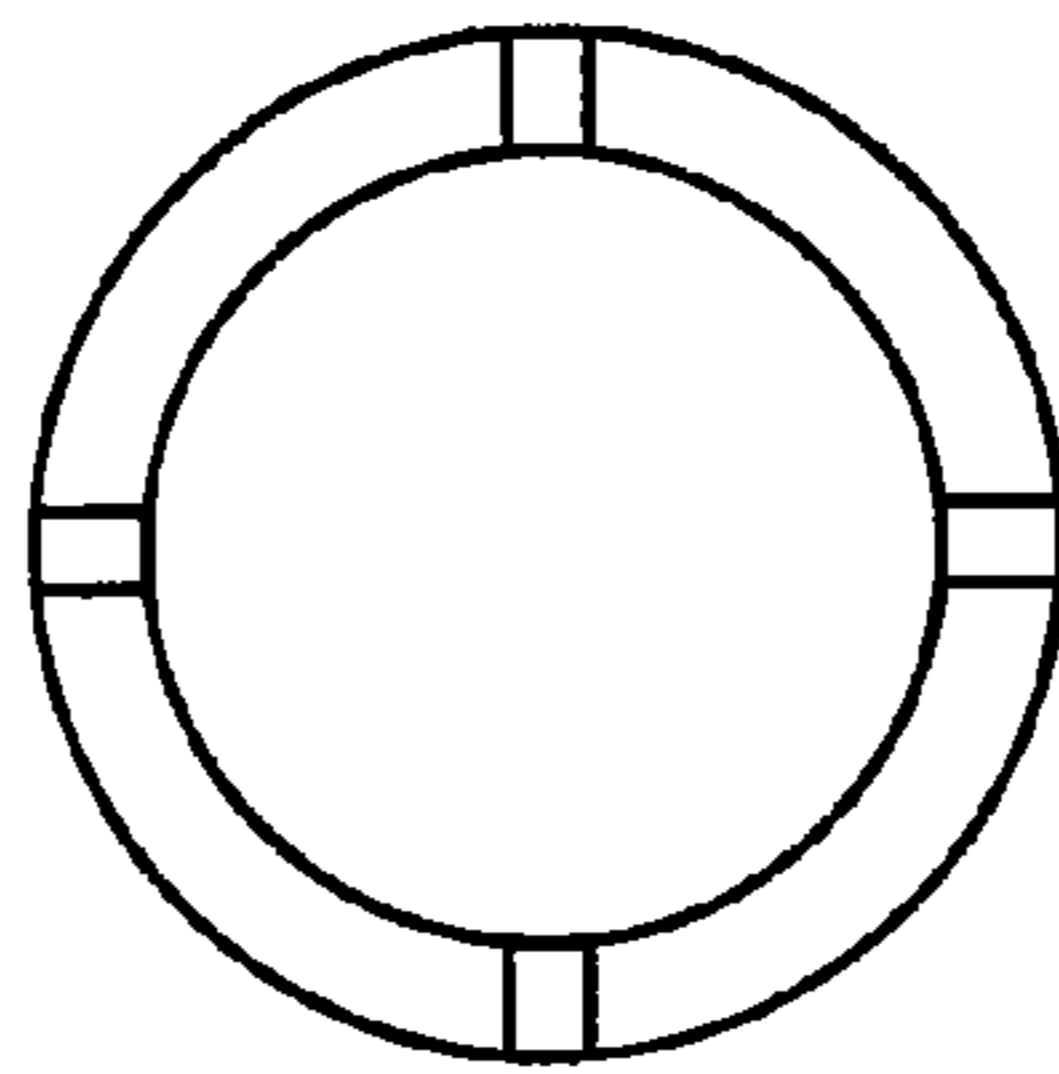


FIG. 6

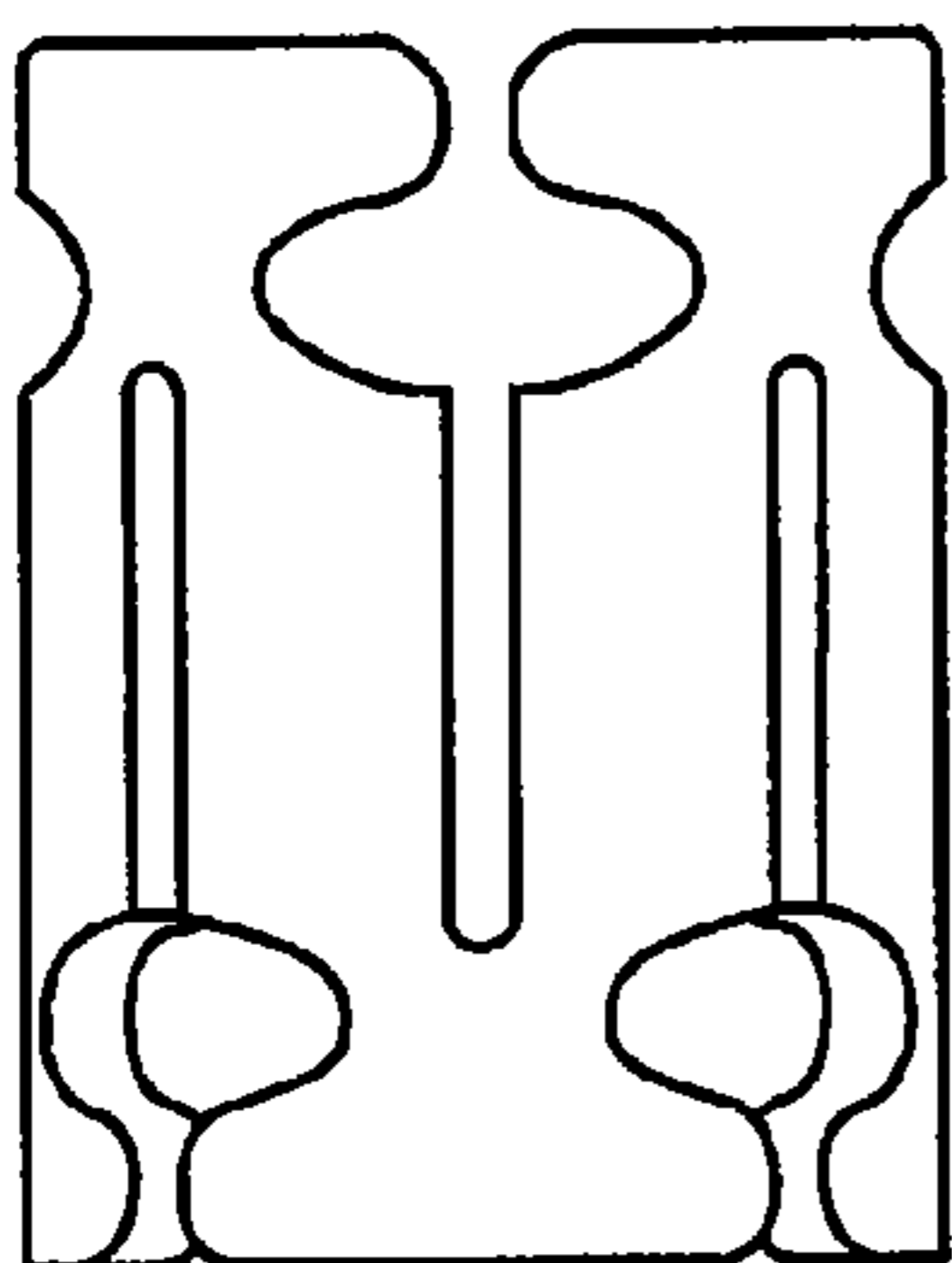


FIG. 3

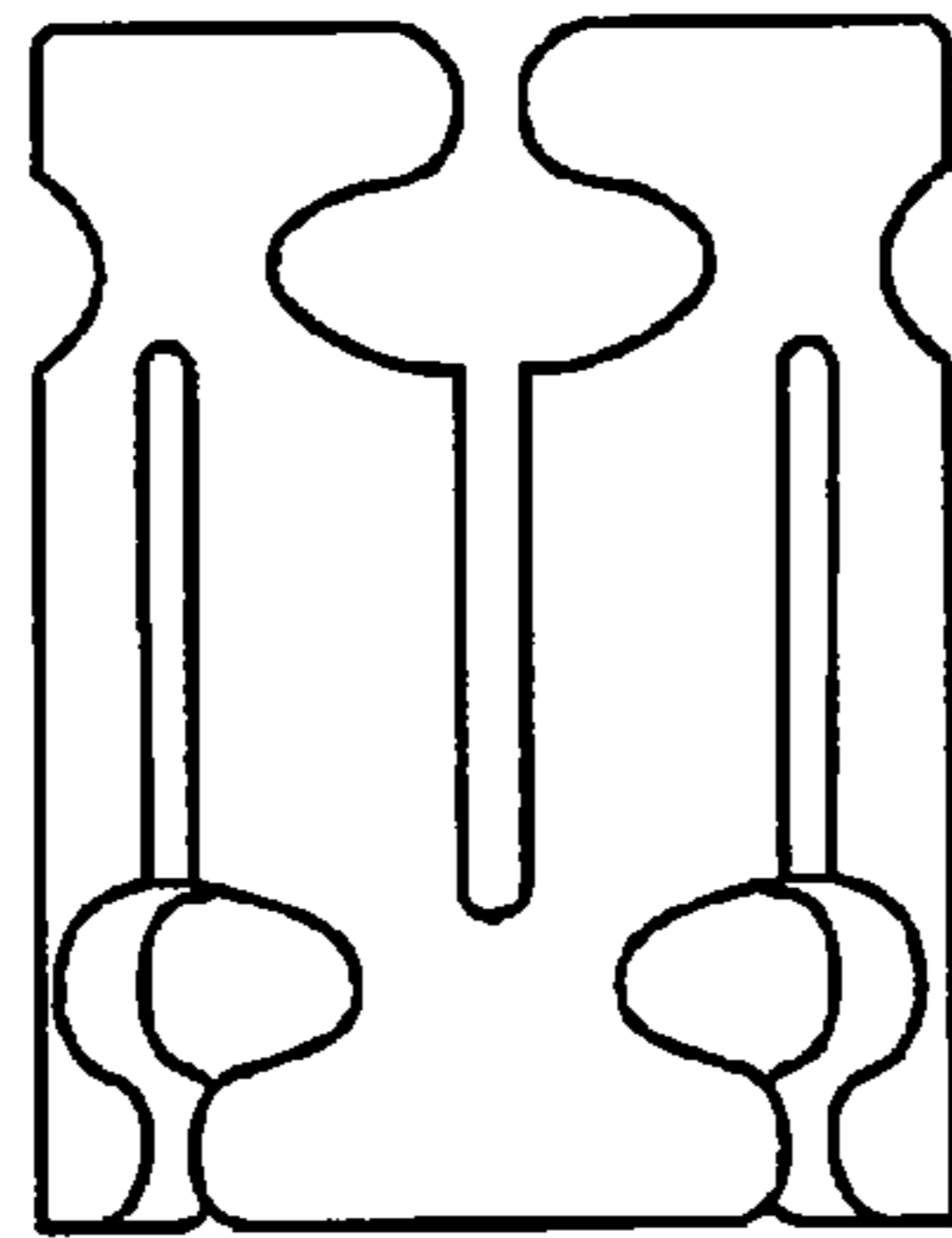


FIG. 2

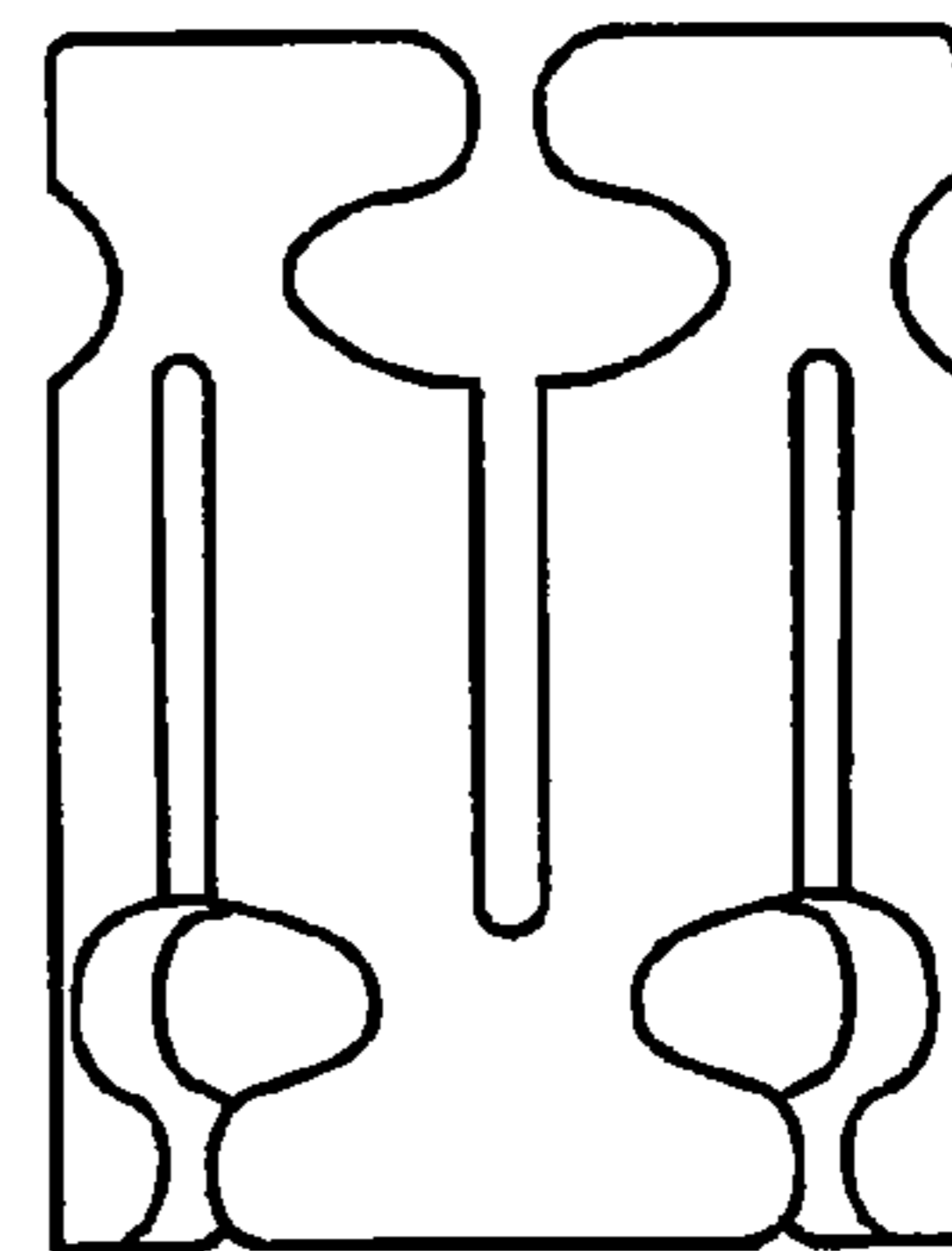


FIG. 4

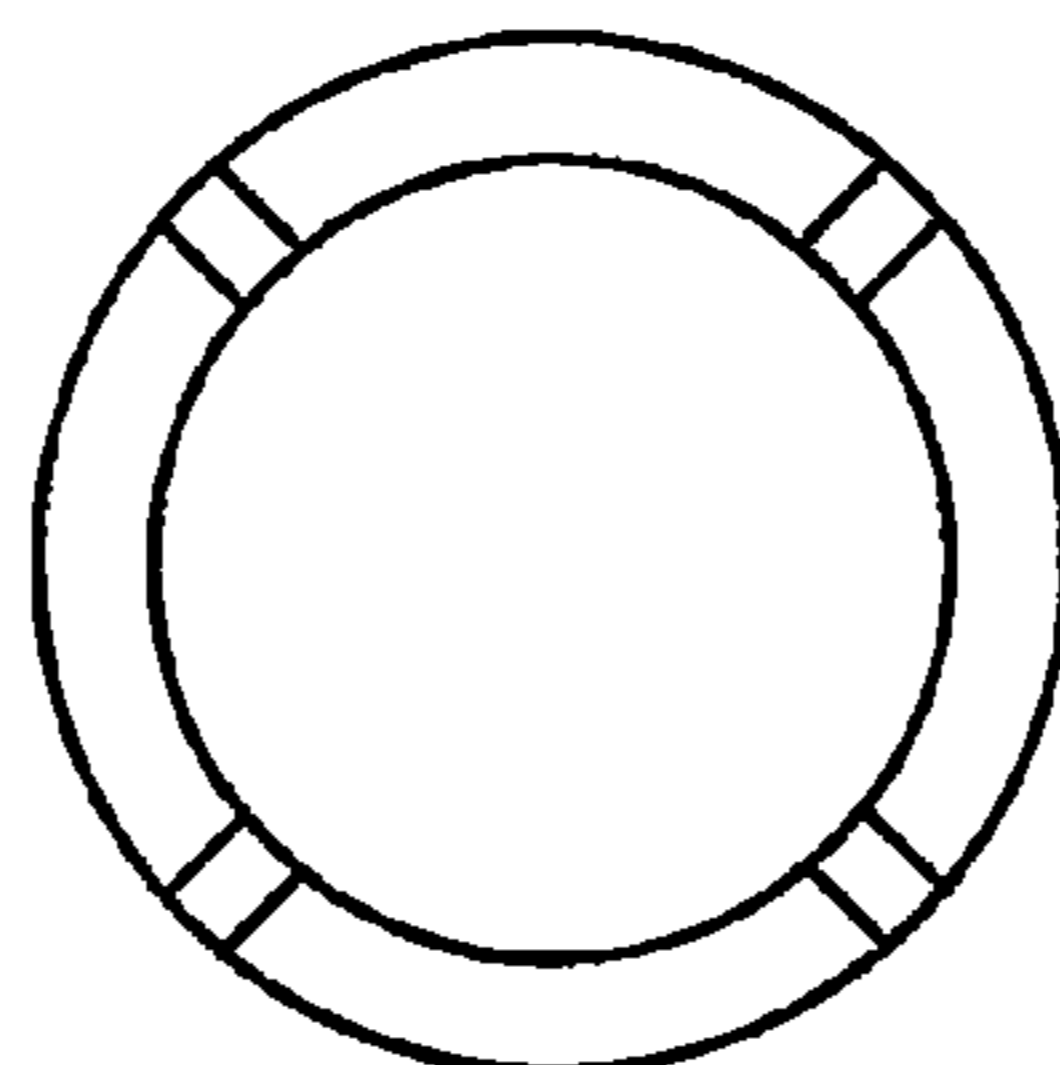


FIG. 5