



US00D894388S

(12) **United States Design Patent** (10) **Patent No.:** **US D894,388 S**
Alladu et al. (45) **Date of Patent:** **** Aug. 25, 2020**

(54) **SUTURE LOOP ANCHOR**

(71) Applicant: **Healthium Medtech Private Limited,**
Bangalore (IN)

(72) Inventors: **Hemanth Kumar Alladu,** Bangalore
(IN); **Vasuki Bk,** Bangalore (IN);
Krishna Mohan Rao Apparasu,
Bangalore (IN); **Mohammed Azeez,**
Bangalore (IN); **Anoop Penupolu,**
Bangalore (IN)

(73) Assignee: **Healthium Medtech Private Limited,**
Bangalore, KA (IN)

(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

Mar. 13, 2017 (IN) 291709

Mar. 13, 2017 (IN) 291710

(Continued)

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/145**

(58) **Field of Classification Search**
USPC D24/145; 606/232, 276, 60
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,910,281 A * 10/1975 Kletschka A61B 17/0401
D24/145

5,127,412 A * 7/1992 Cosmetto A61B 17/0466
D24/145

(Continued)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Grandhi Law Chamber;
Krishna Grandhi

(57) **CLAIM**

The ornamental design for a suture loop anchor, as shown
and described.

DESCRIPTION

FIG. 1 is a perspective view of a suture loop anchor showing
an embodiment our new design;

FIG. 2 is a front elevational view of the suture loop anchor
of FIG. 1;

FIG. 3 is a rear elevational view of the suture loop anchor
of FIG. 1;

FIG. 4 is a side elevational view of the suture loop anchor
of FIG. 1, the opposite side elevational view being a mirror
image thereof; and

FIG. 5 is a top plan view of the suture loop anchor of FIG.
1; the bottom plan view being a mirror image thereof;

FIG. 6 is a perspective view of a suture loop anchor showing
a second embodiment our new design;

FIG. 7 is a front elevational view of the suture loop anchor
of FIG. 6;

FIG. 8 is a rear elevational view of the suture loop anchor
of FIG. 6;

FIG. 9 is a side elevational view of the suture loop anchor
of FIG. 6, the opposite side elevational view being a mirror
image thereof; and

FIG. 10 is a top plan view of the suture loop anchor of FIG.
6; the bottom plan view being a mirror image thereof;

FIG. 11 is a perspective view of a suture loop anchor
showing a third embodiment our new design;

FIG. 12 is a front elevational view of the suture loop anchor
of FIG. 11, the left-side elevational view being a mirror
image thereof;

FIG. 13 is a rear elevational view of the suture loop anchor
of FIG. 11, the right-side elevational view being a mirror
image thereof; and

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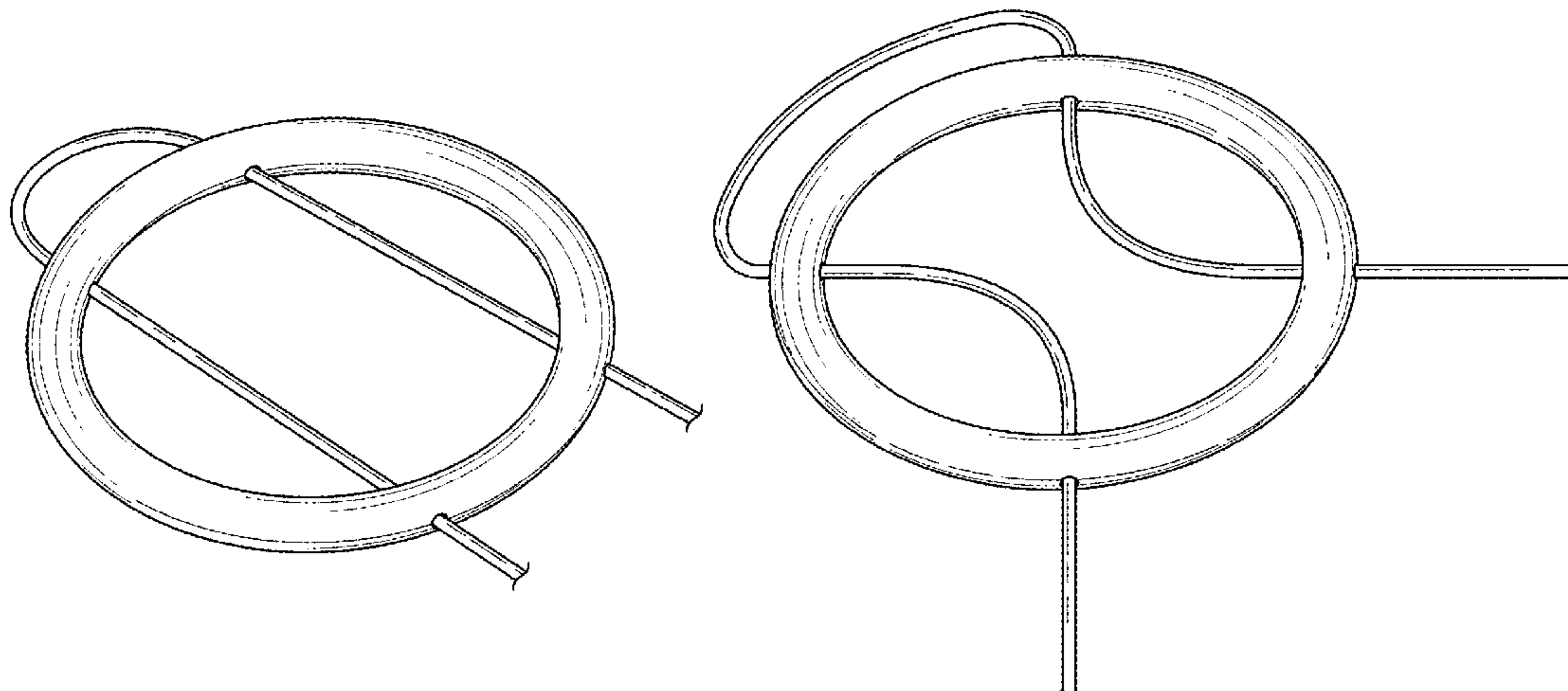


FIG. 14 is a top plan view of the suture loop anchor of FIG. 11; the bottom plan view being a mirror image thereof;
 FIG. 15 is a perspective view of a suture loop anchor showing a fourth embodiment our new design;
 FIG. 16 is a front elevational view of the suture loop anchor of FIG. 15, the left-side elevational view being a mirror image thereof;
 FIG. 17 is a rear elevational view of the suture loop anchor of FIG. 15, the right-side elevational view being a mirror image thereof; and
 FIG. 18 is a top plan view of the suture loop anchor of FIG. 15; the bottom plan view being a mirror image thereof;
 FIG. 19 is a perspective view of a suture loop anchor showing a fifth embodiment our new design;
 FIG. 20 is a front elevational view of the suture loop anchor of FIG. 19;
 FIG. 21 is a rear elevational view of the suture loop anchor of FIG. 19;
 FIG. 22 is a side elevational view of the suture loop anchor of FIG. 19, the opposite side elevational view being a mirror image thereof; and
 FIG. 23 is a top plan view of the suture loop anchor of FIG. 19; the bottom plan view being a mirror image thereof;
 FIG. 24 is a perspective view of a suture loop anchor showing a sixth embodiment our new design;
 FIG. 25 is a front elevational view of the suture loop anchor of FIG. 24;
 FIG. 26 is a rear elevational view of the suture loop anchor of FIG. 24;
 FIG. 27 is a side elevational view of the suture loop anchor of FIG. 24, the opposite side elevational view being a mirror image thereof; and
 FIG. 28 is a top plan view of the suture loop anchor of FIG. 24; the bottom plan view being a mirror image thereof;
 FIG. 29 is a perspective view of a suture loop anchor showing a seventh embodiment our new design;
 FIG. 30 is a front elevational view of the suture loop anchor of FIG. 29, the rear elevational view being a mirror image thereof;
 FIG. 31 is a left-side elevational view of the suture loop anchor of FIG. 29;
 FIG. 32 is a right-side elevational view of the suture loop anchor of FIG. 29; and
 FIG. 33 is a top plan view of the suture loop anchor of FIG. 29; the bottom plan view being a mirror image thereof.
 The broken lines shown in the drawings are included for purposes of illustrating portions of the design or environment and form no part of the claimed design.

1 Claim, 33 Drawing Sheets

(30) **Foreign Application Priority Data**

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Mar. 13, 2017	(IN)	291712
Mar. 13, 2017	(IN)	291713
Mar. 13, 2017	(IN)	291714
Mar. 13, 2017	(IN)	291715
Mar. 13, 2017	(IN)	291716
Mar. 13, 2017	(IN)	291717

(58) **Field of Classification Search**

CPC A61B 17/0401; A61B 17/0485; A61B
 17/0466; A61B 17/06166; A61B
 2017/0459

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,219,359	A *	6/1993	McQuilkin	A61B 17/0401 602/43
RE36,974	E *	11/2000	Bonutti	.....	A61B 17/0401 606/232
7,144,415	B2 *	12/2006	Del Rio	.....	A61B 17/0401 606/232
7,530,990	B2 *	5/2009	Perriello	.....	A61B 17/0401 606/232
7,594,923	B2 *	9/2009	Fallin	.....	A61B 17/0401 24/129 R
7,722,644	B2 *	5/2010	Fallin	.....	A61B 17/0401 24/129 R
8,623,051	B2 *	1/2014	Bojarski	.....	A61B 17/0401 24/129 R
9,220,493	B2 *	12/2015	Hart	.....	A61B 17/0401
9,517,062	B2 *	12/2016	Santangelo	.....	A61B 17/0401
2010/0204731	A1 *	8/2010	Hart	.....	A61B 17/0401 606/232
2011/0125189	A1 *	5/2011	Stoll, Jr.	.....	A61B 17/0401 606/232
2012/0330357	A1 *	12/2012	Thal	.....	A61B 17/0401 606/232
2015/0094761	A1 *	4/2015	Spenciner	.....	A61B 17/0401 606/232
2016/0166375	A1 *	6/2016	Ferguson	.....	A61B 17/0401 606/232
2017/0071590	A1 *	3/2017	MacLeod	.....	A61B 17/0401

* cited by examiner

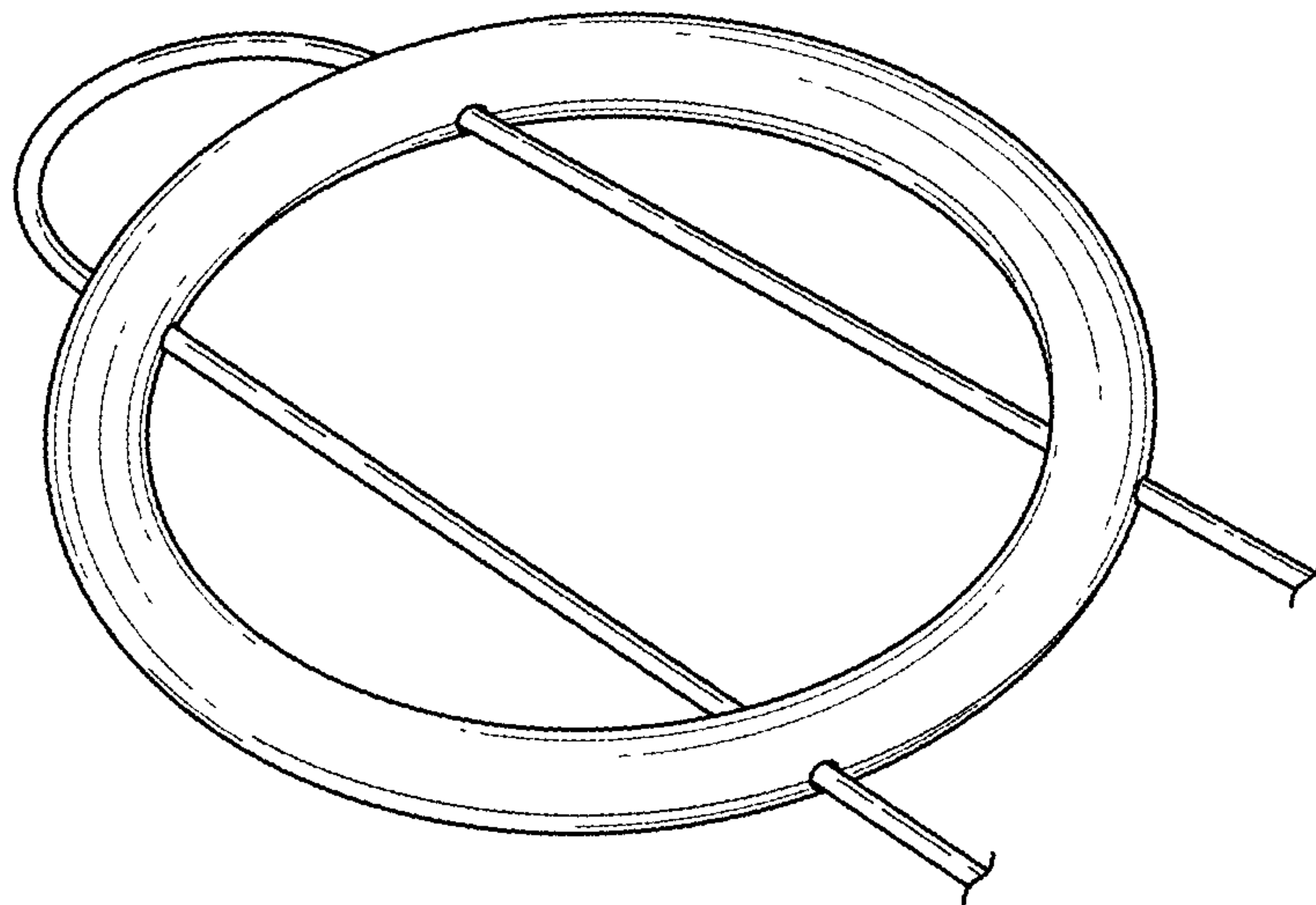


FIG. 1

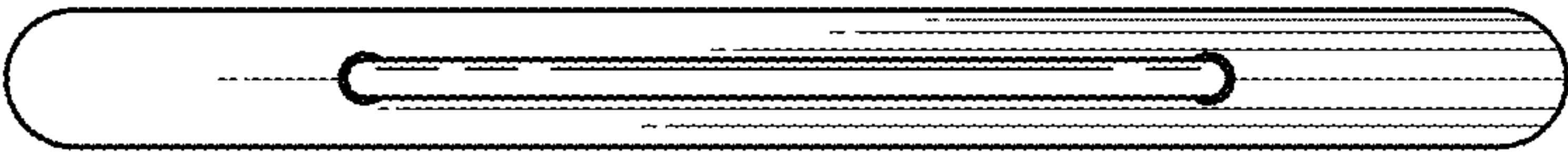


FIG. 2

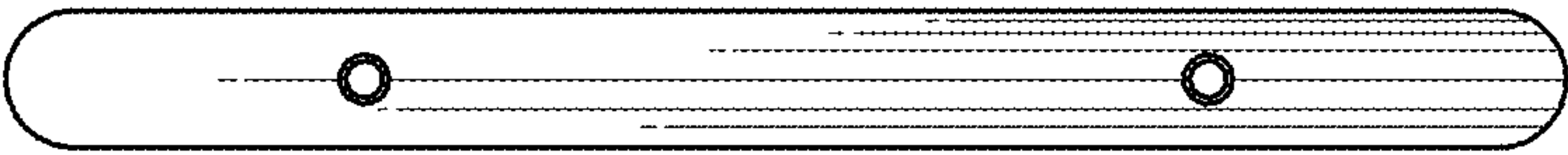


FIG. 3

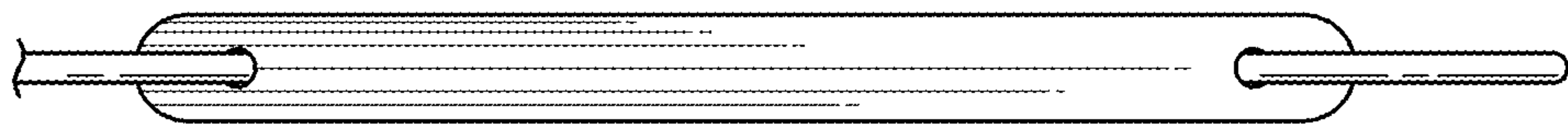


FIG. 4

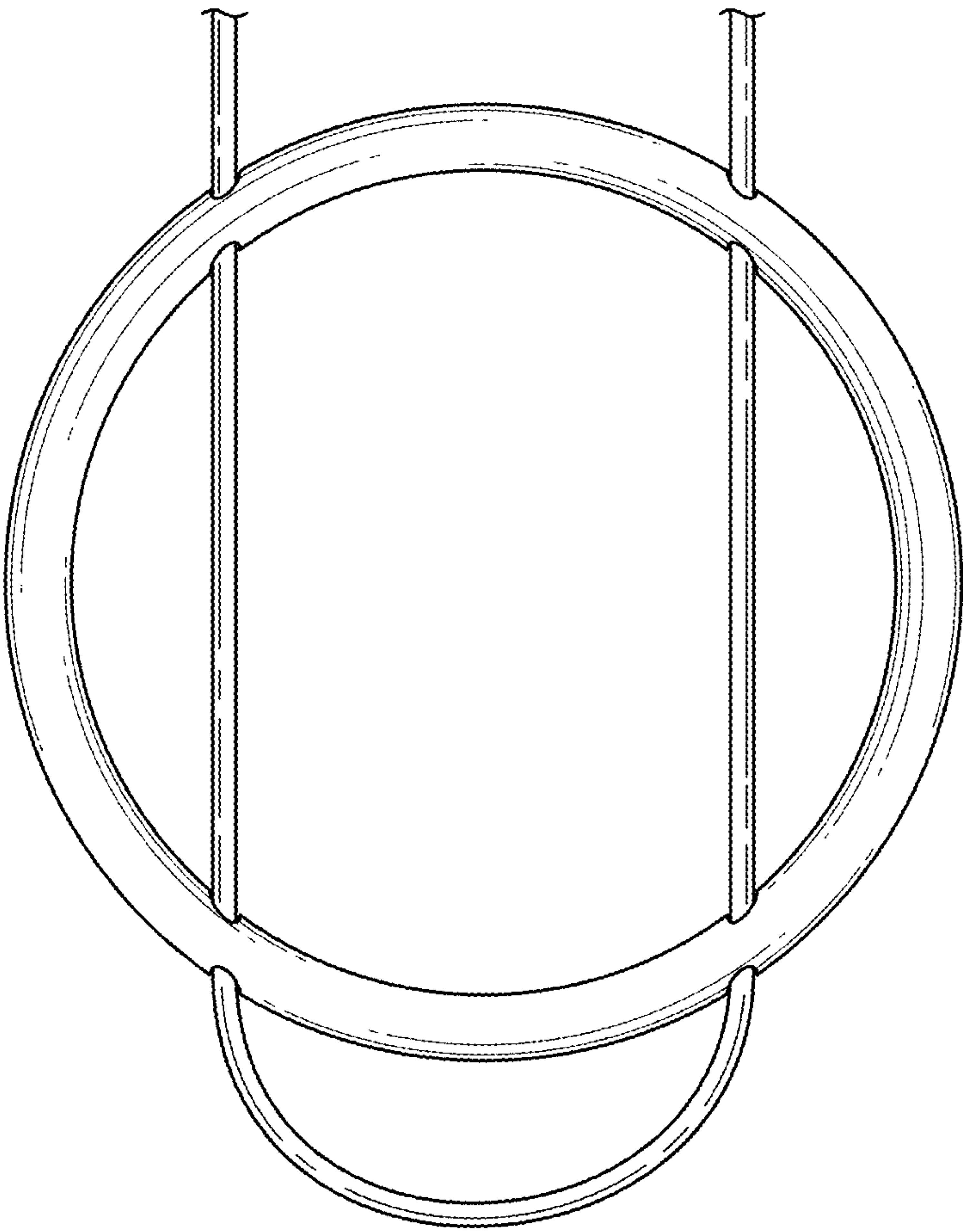


FIG. 5

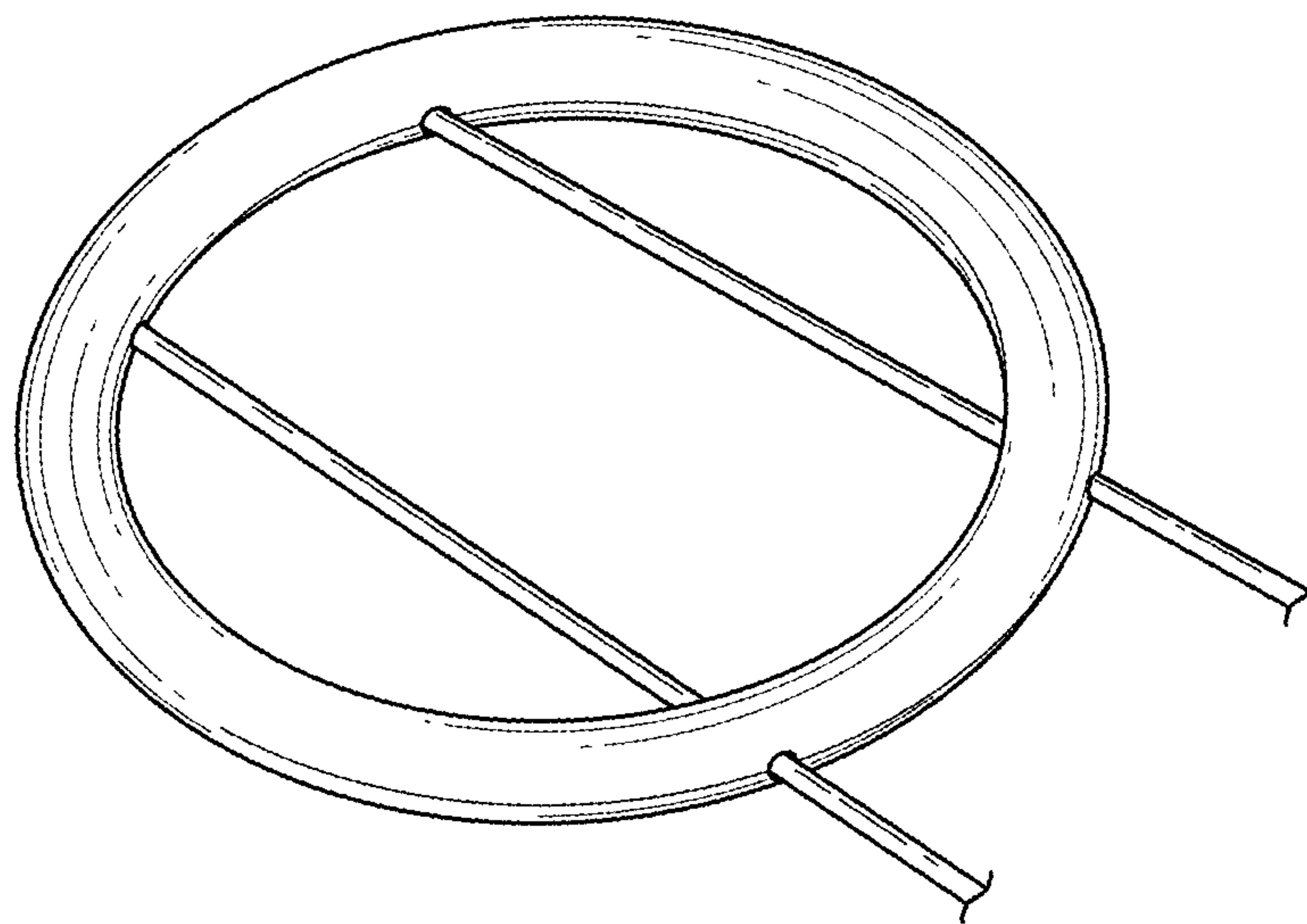


FIG. 6

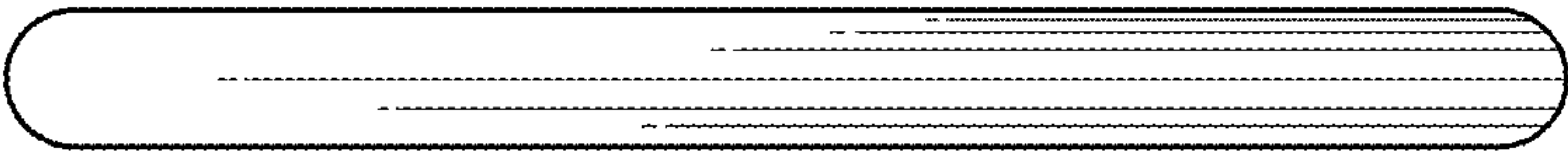


FIG. 7

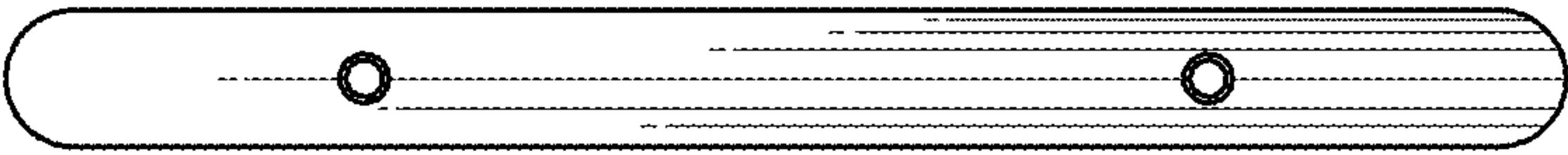


FIG. 8

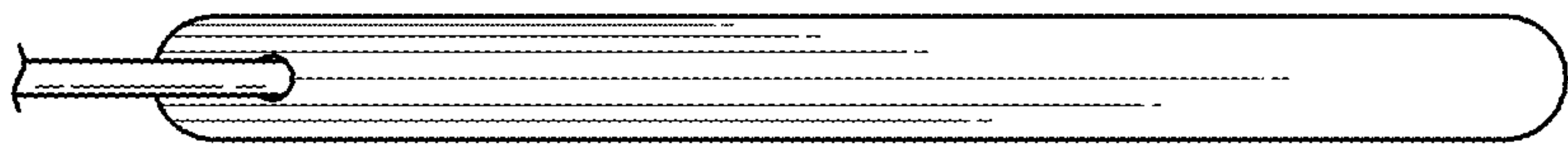


FIG. 9

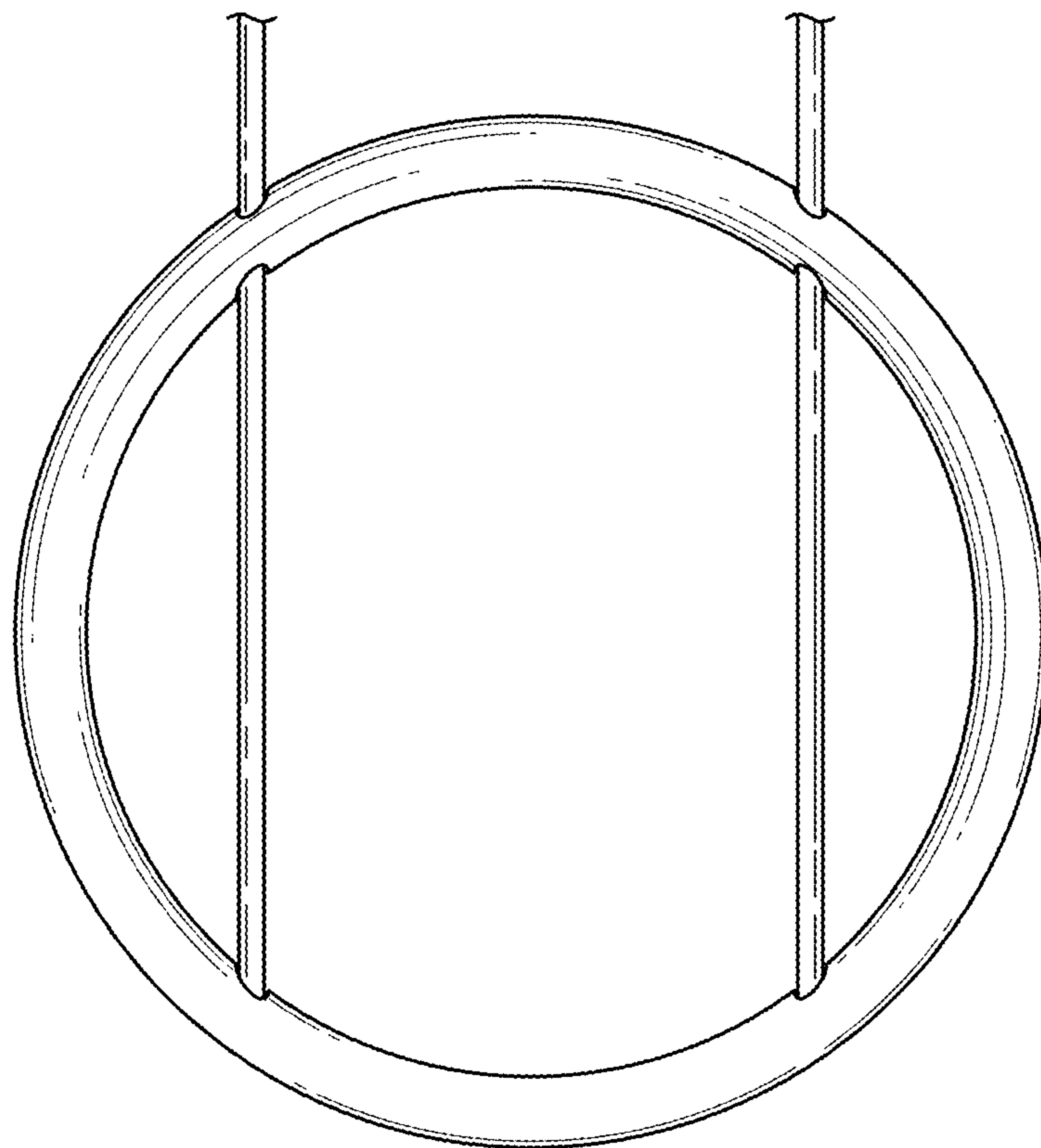


FIG. 10

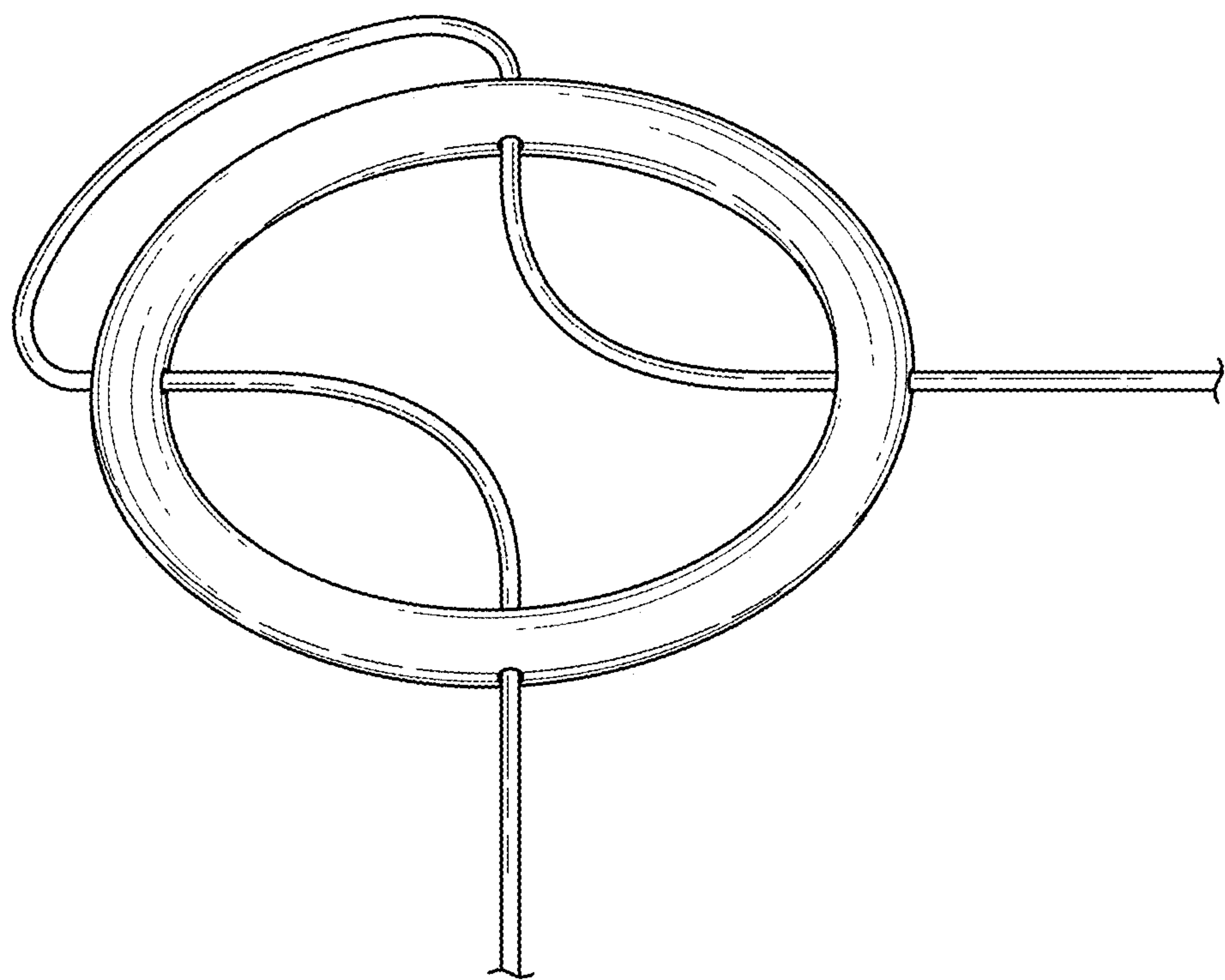


FIG. 11

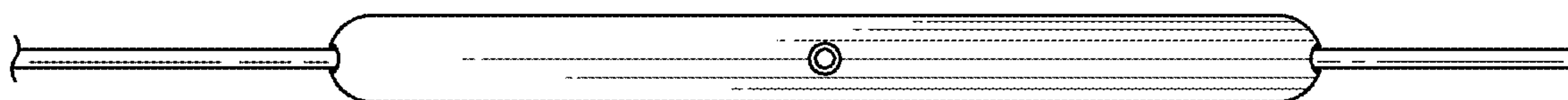


FIG. 12

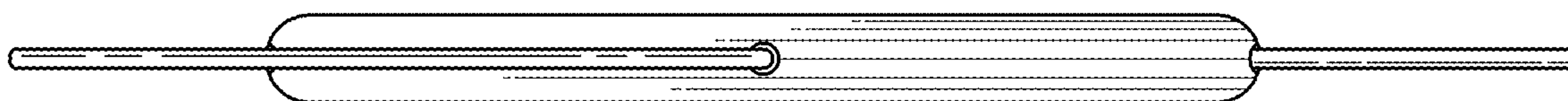


FIG. 13

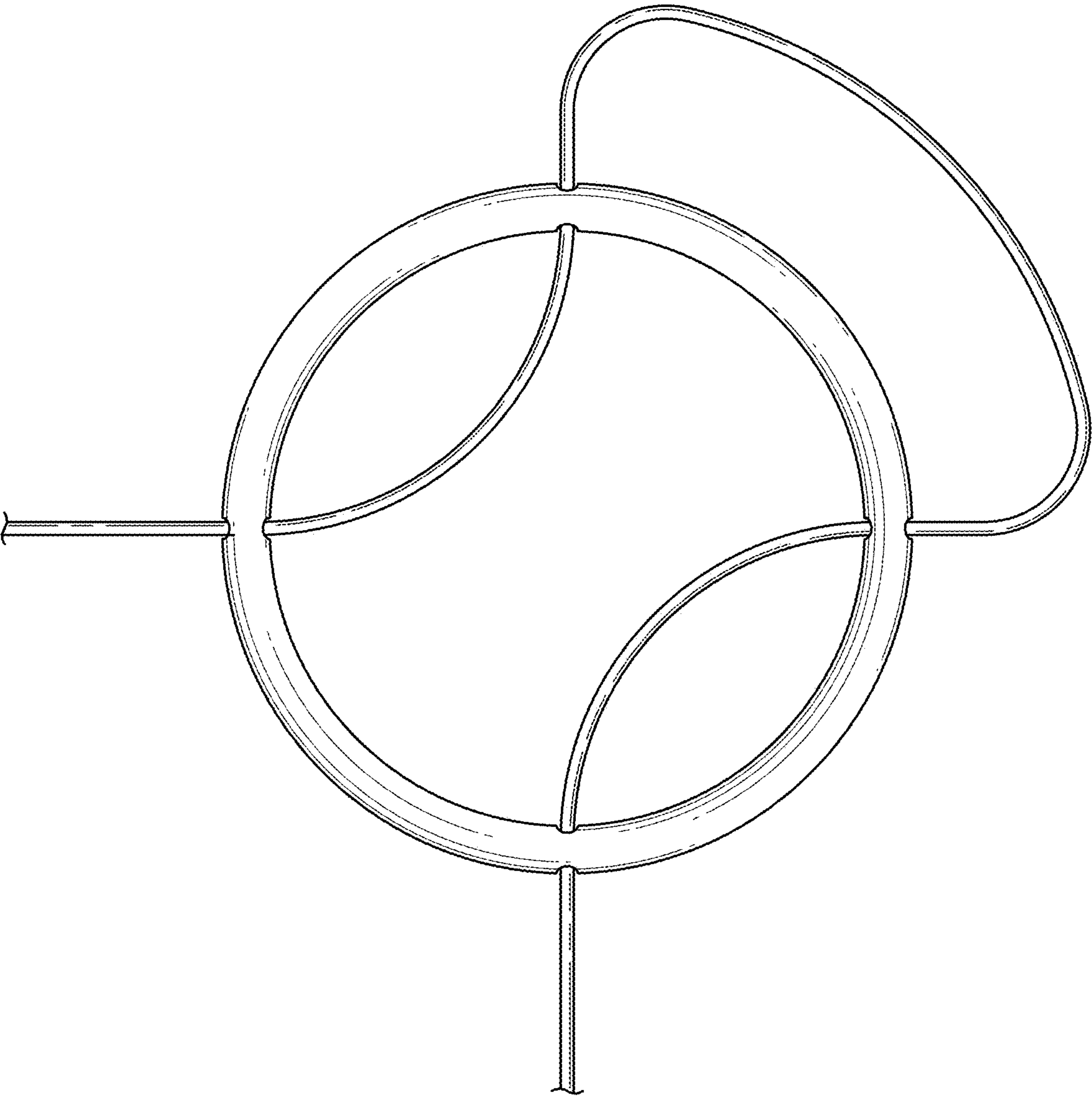


FIG. 14

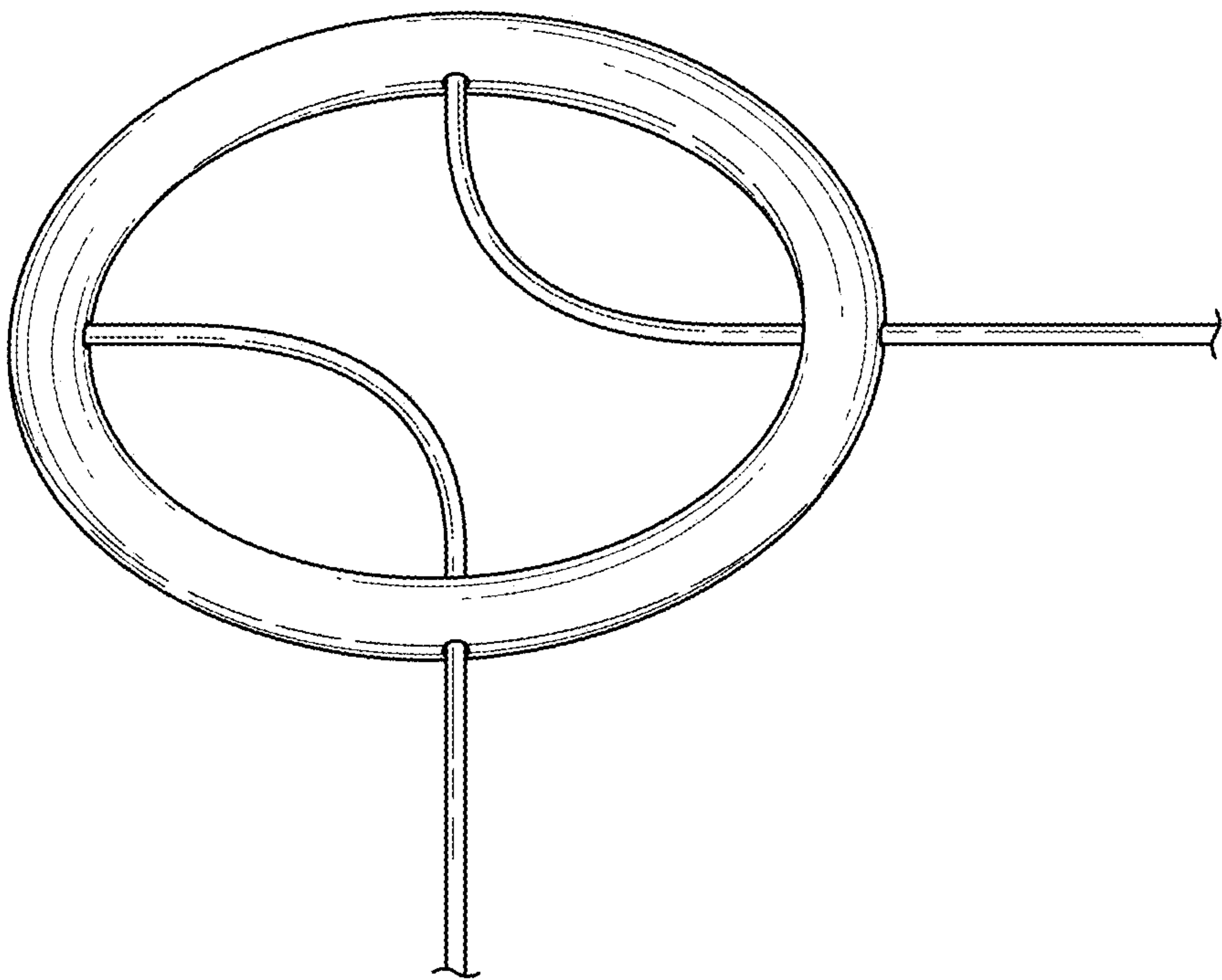


FIG. 15

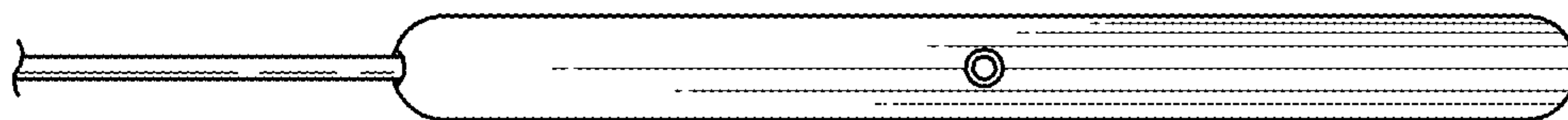


FIG. 16

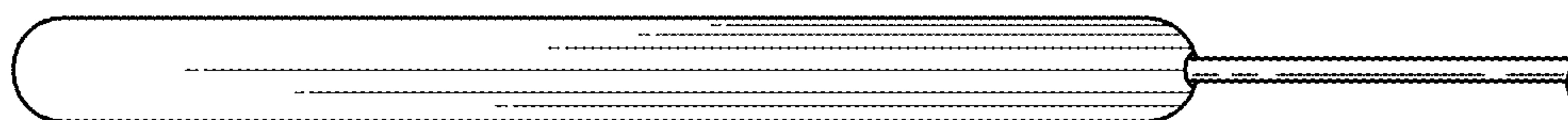


FIG. 17

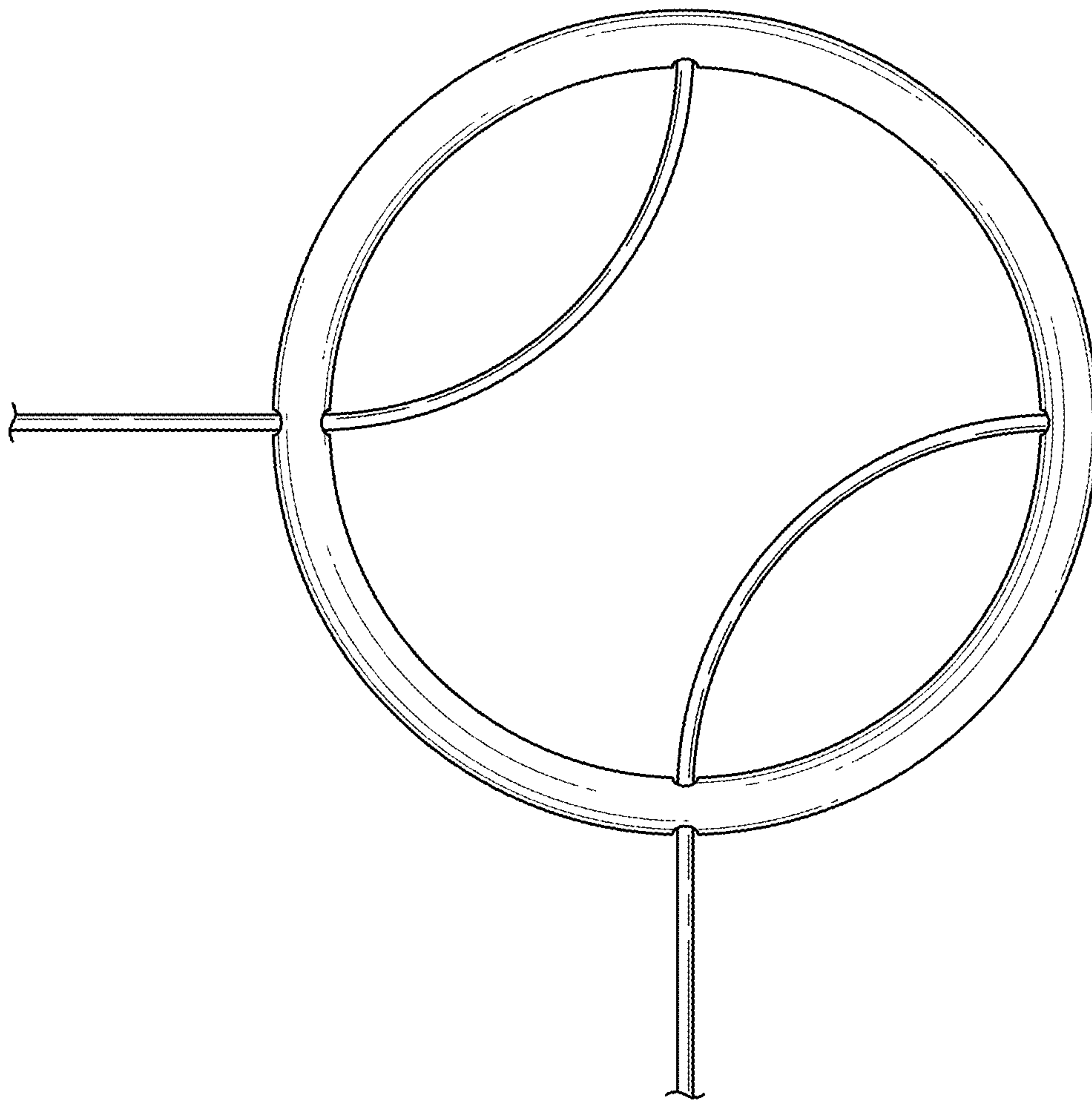


FIG. 18

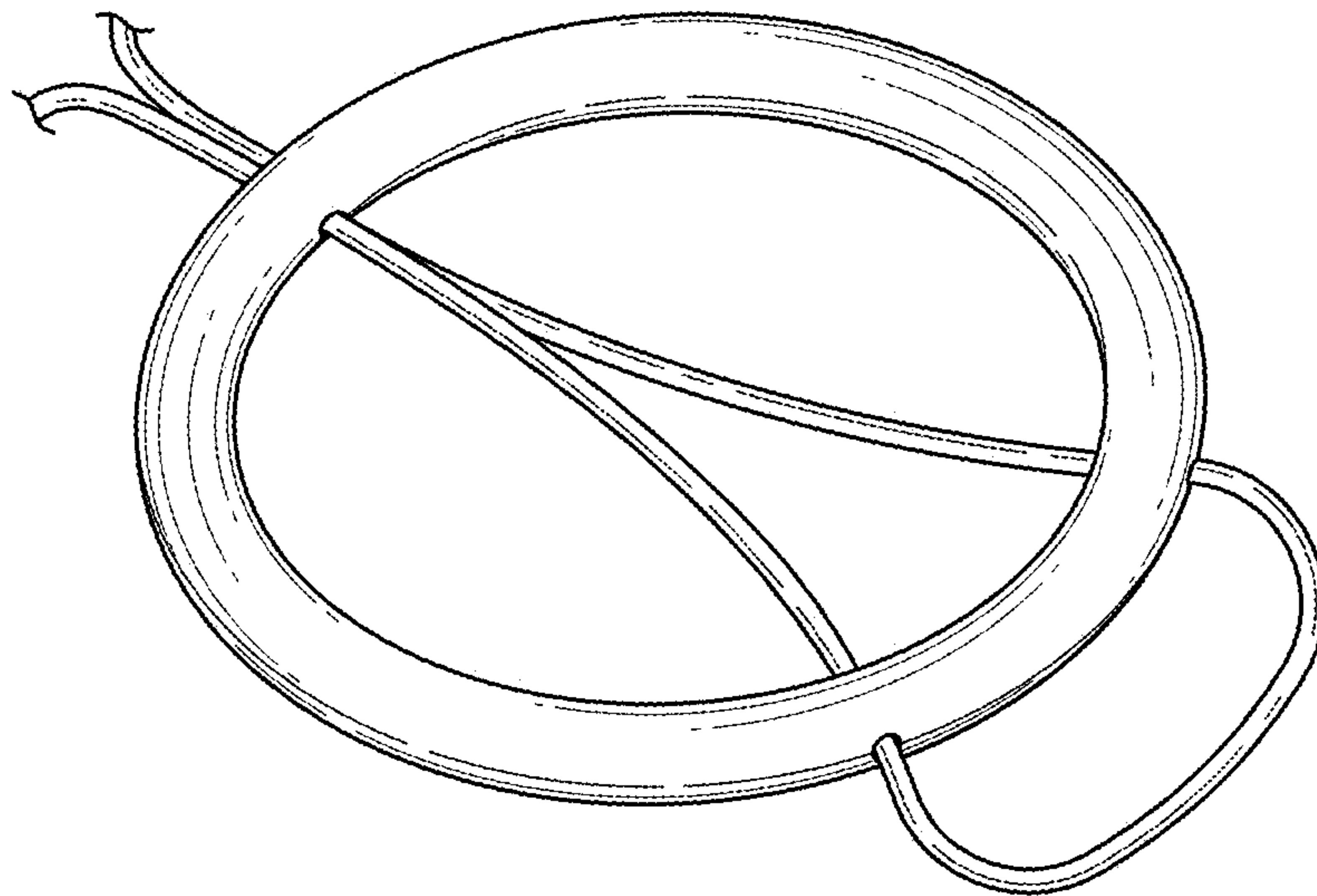


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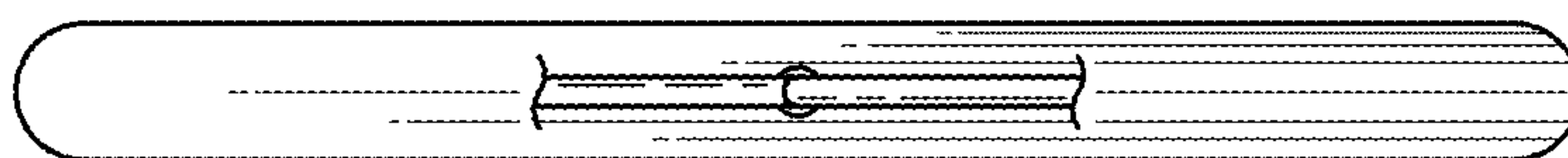


FIG. 20

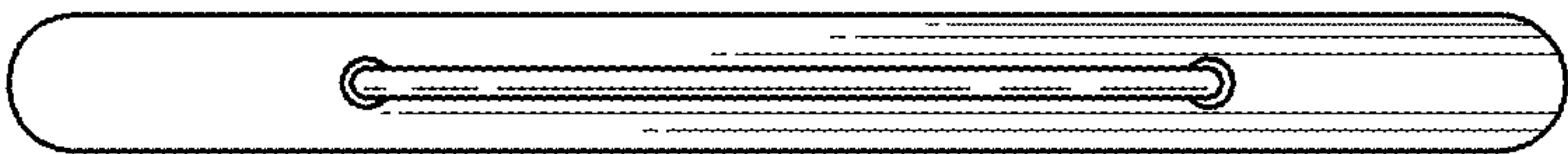


FIG. 21

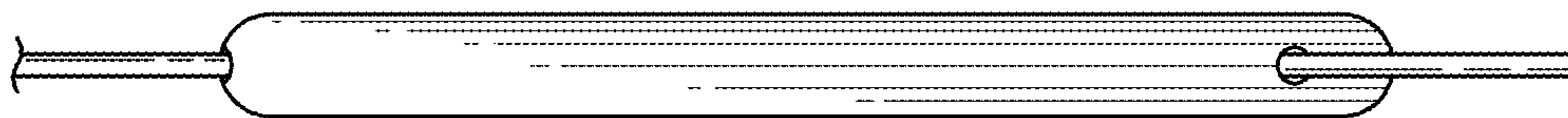


FIG. 22

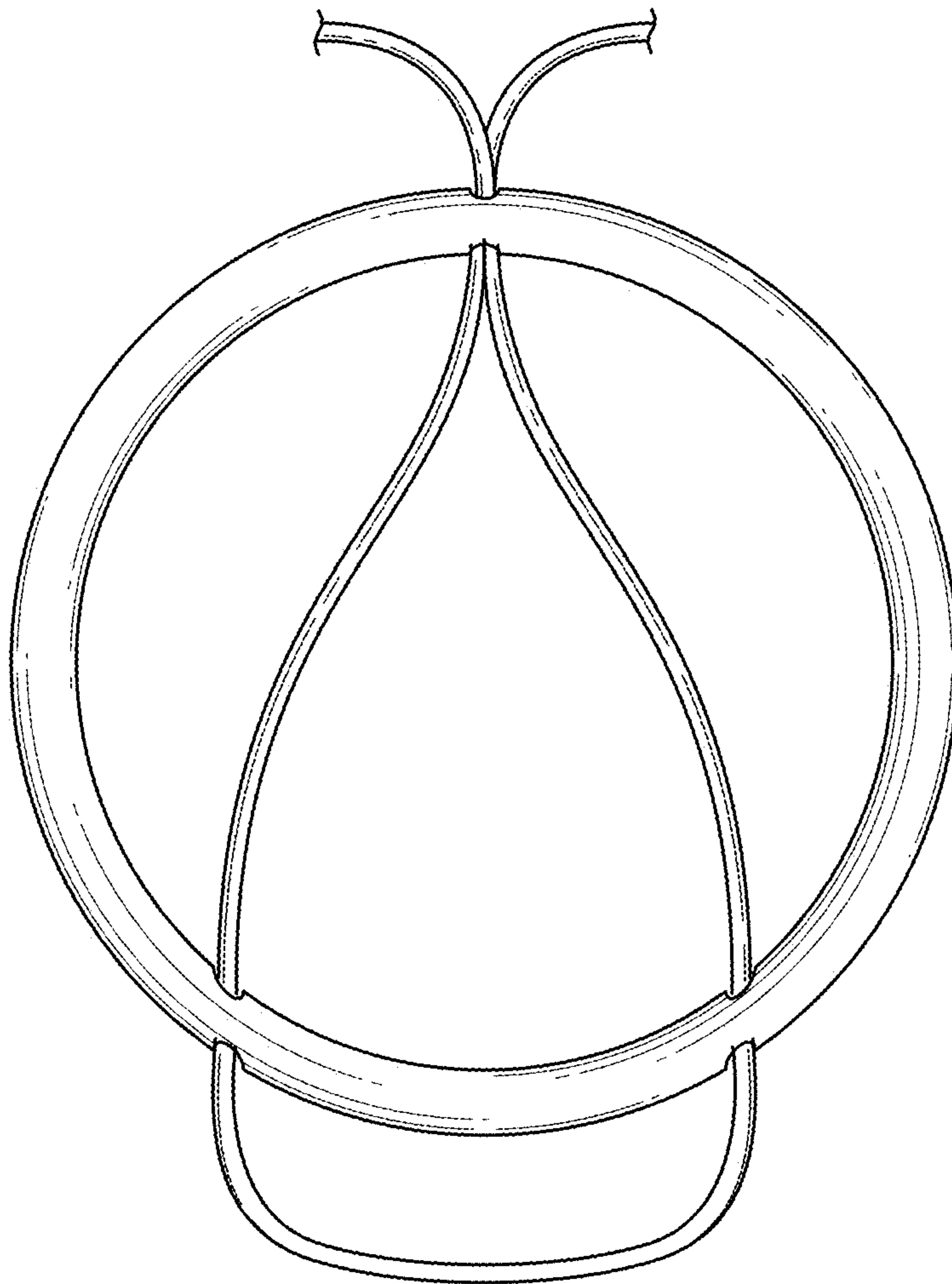


FIG. 23

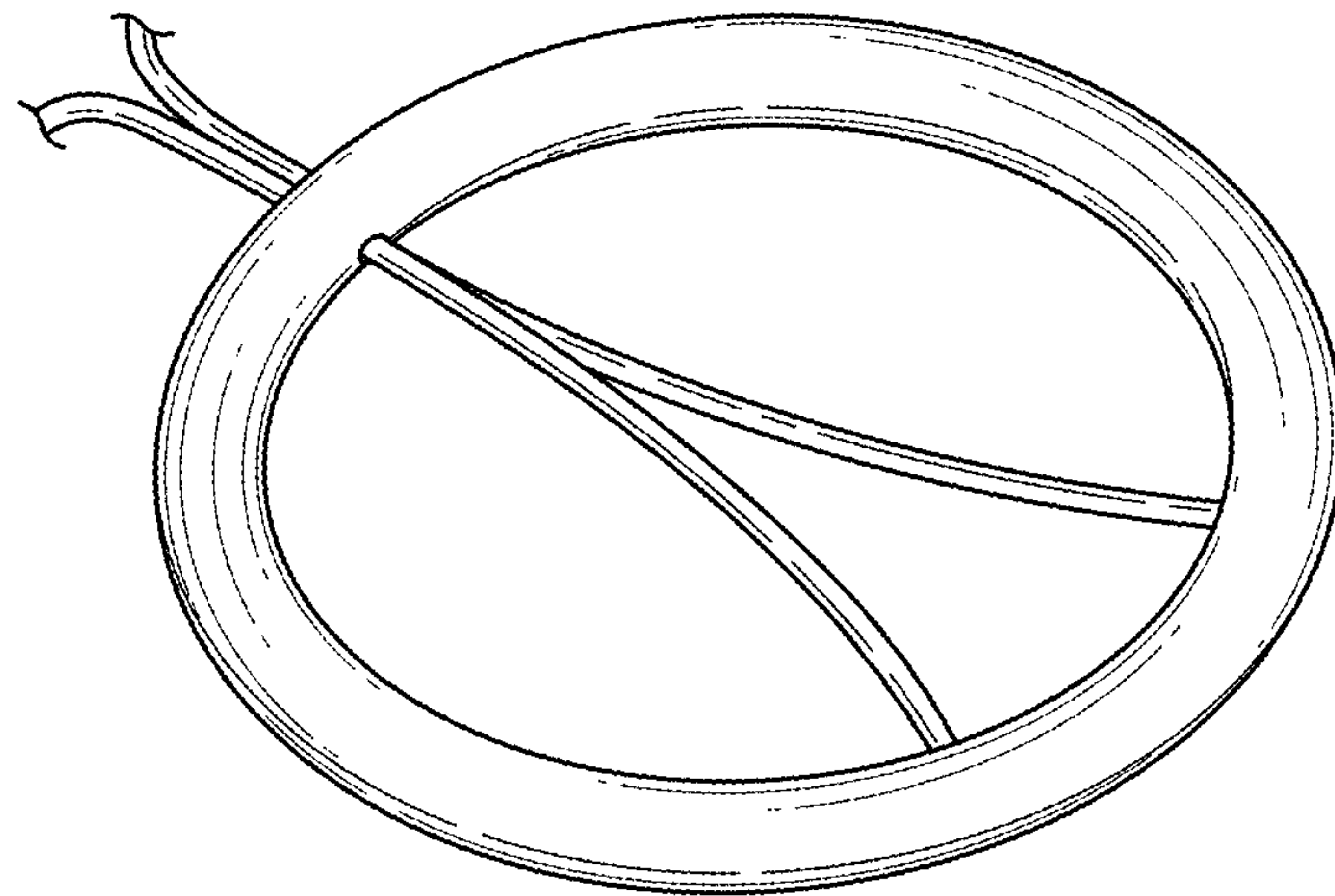


FIG. 24

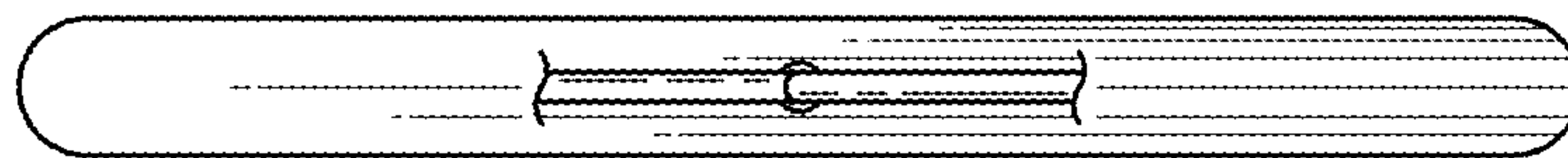


FIG. 25

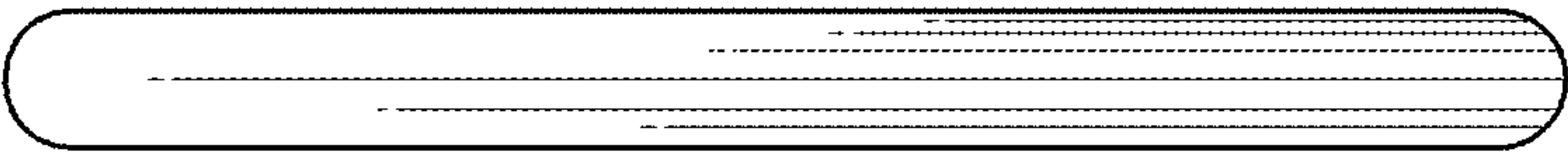


FIG. 26

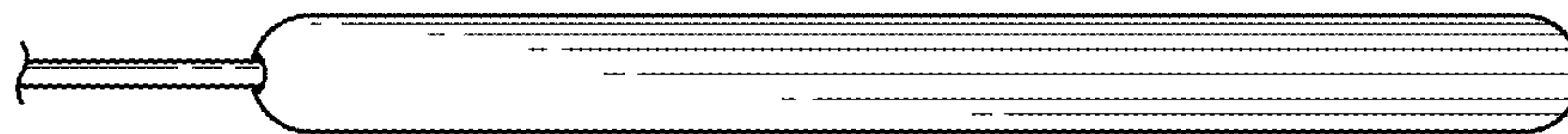


FIG. 27

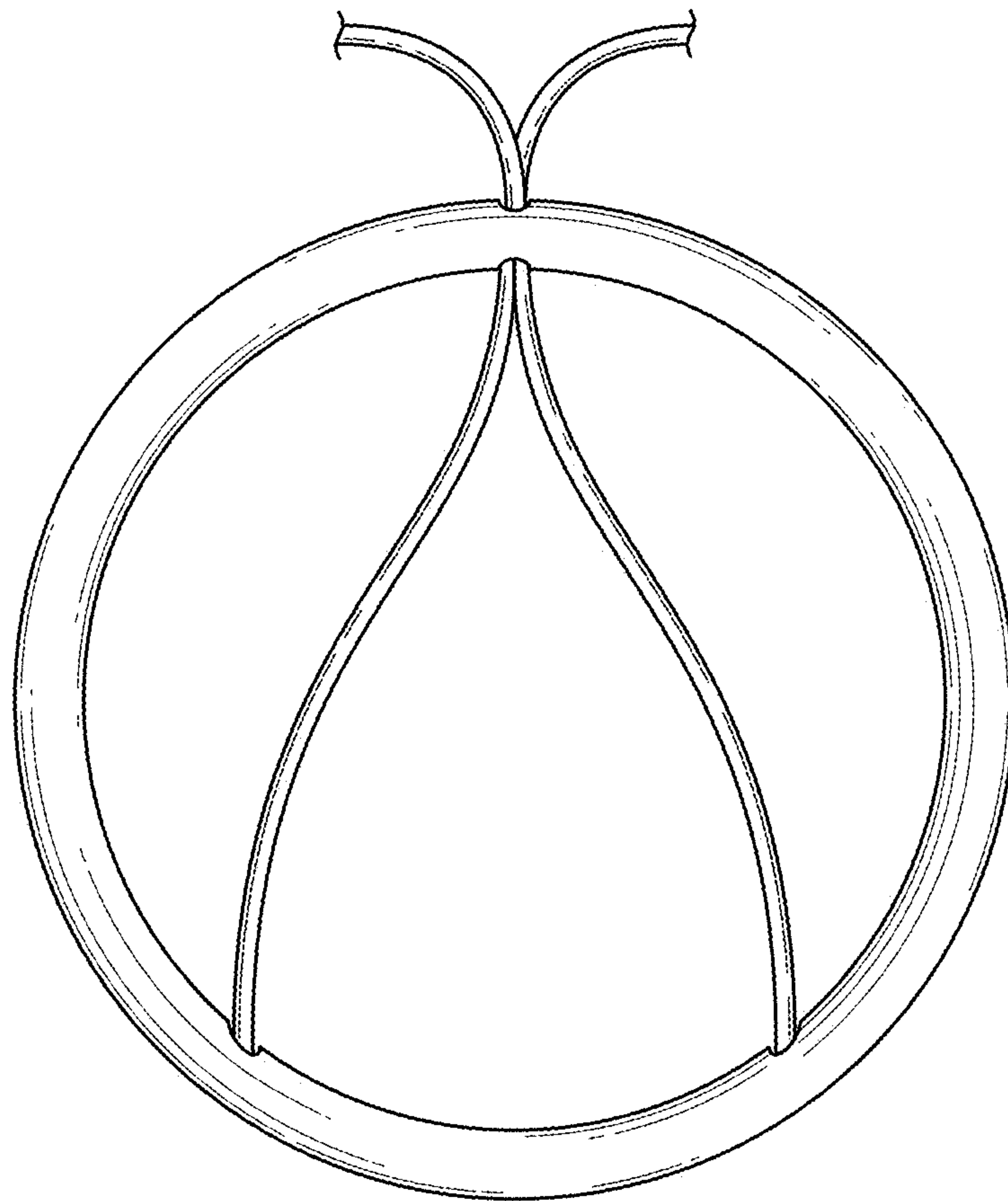


FIG. 28

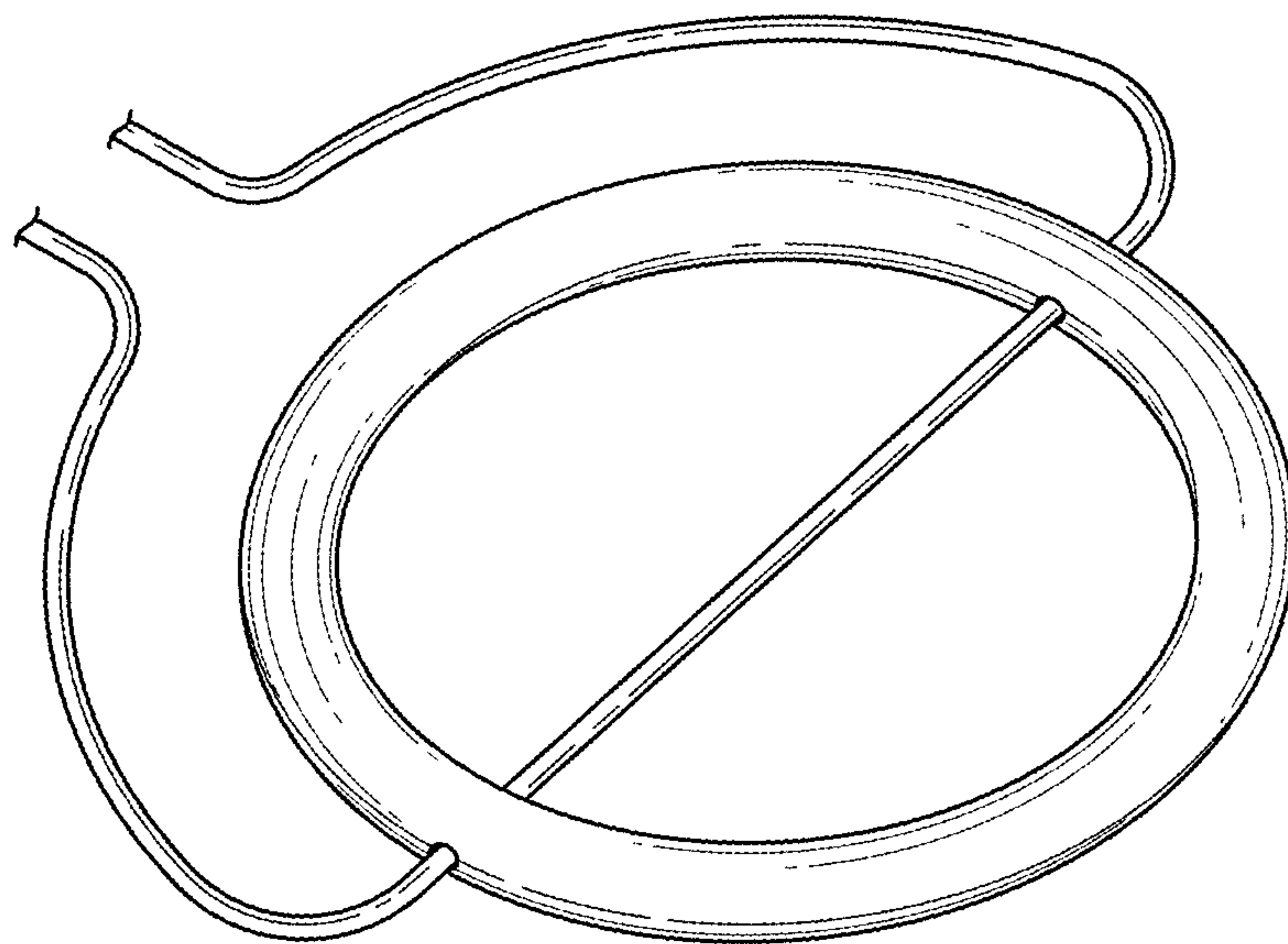


FIG. 29



FIG. 30

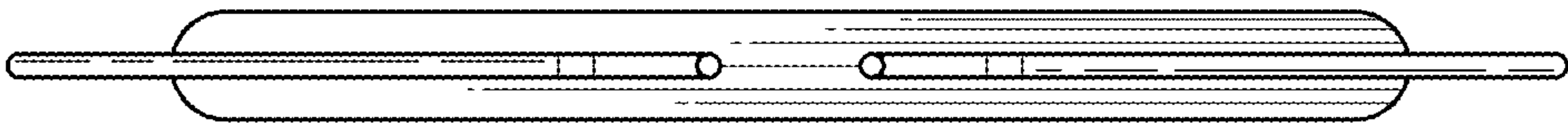


FIG. 31

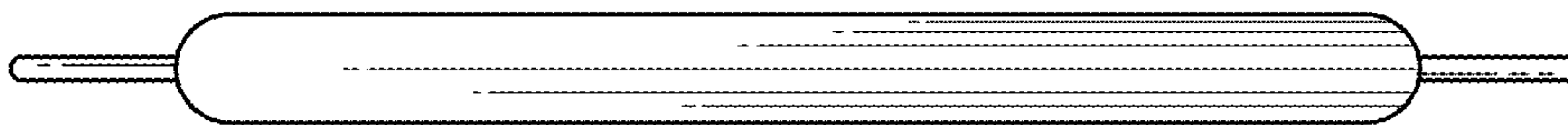


FIG. 32

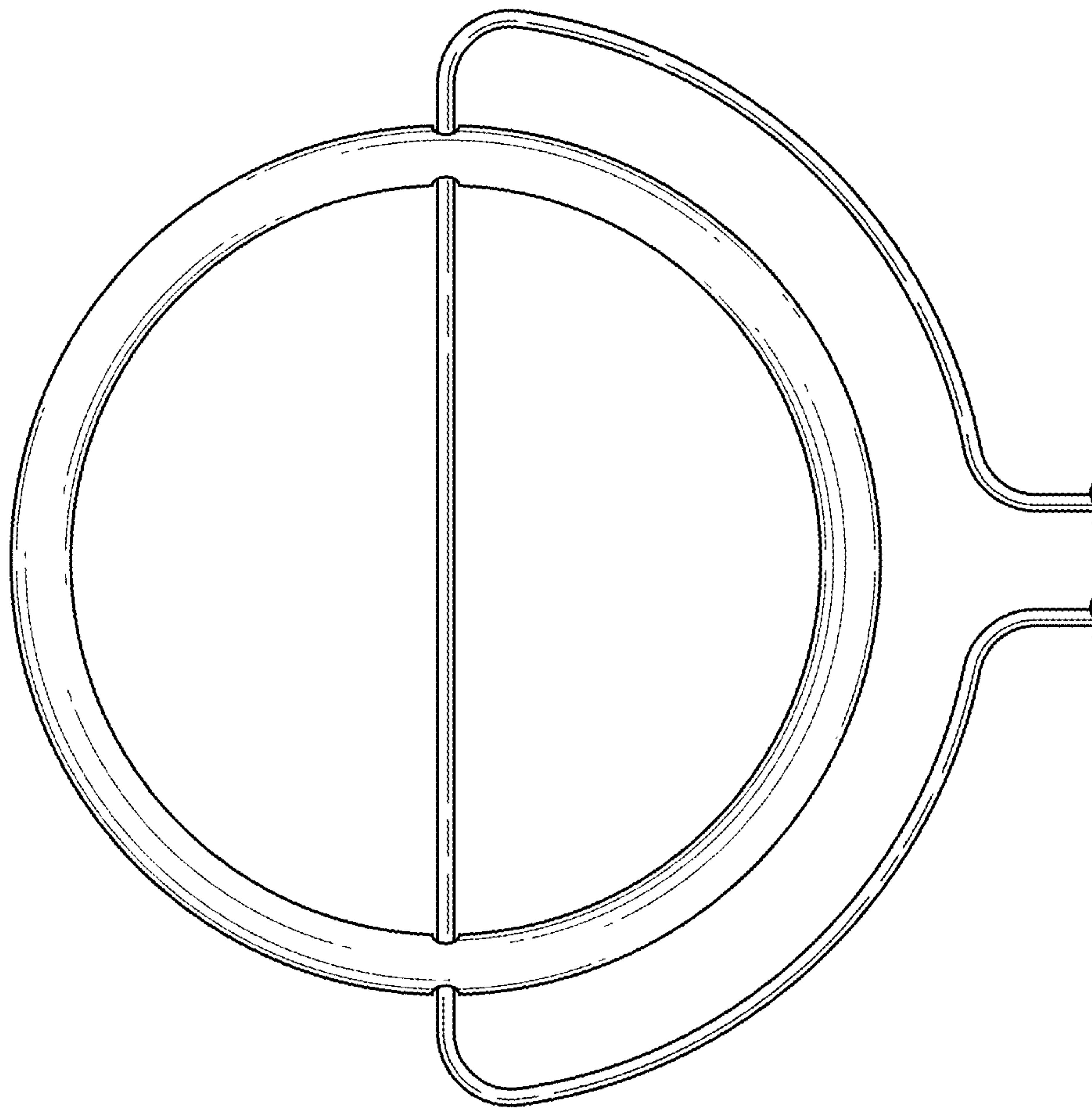


FIG. 33