



US00D578390S

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

(10) **Patent No.:** **US D578,390 S**

(45) **Date of Patent:** **** Oct. 14, 2008**

(54) **RESTRICTOR ORIFICE FOR TUBE PRODUCTS**

(76) **Inventor:** **Parish Orville Green**, 230 1/2 Arvin St., Bakersfield, CA (US) 93308

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

(21) **Appl. No.:** **29/291,312**

(22) **Filed:** **Aug. 23, 2007**

(51) **LOC (8) CL.** **09-17**

(52) **U.S. CL.** **D9/440; D9/454**

(58) **Field of Classification Search** D9/754, D9/753, 752, 741, 728, 724, 697, 695, 529, D9/524, 516, 454, 447, 445, 444, 442, 443, D9/440, 439, 435, 434, 441; D7/679, 590-597, D7/511, 510, 401.1, 398; 241/169, 169.1, 241/168; 229/906.1; 222/567, 566, 545, 222/482, 480, 356, 151, 149, 142.1-142.9; 220/713, 254.1, 703, 269, 200, 234, 295, 220/304, 310.1, 378, 795, 804, 849, DIG. 19, 220/DIG. 4, DIG. 7; D23/260, 259; 215/200, 215/231, 234, 364; D24/216, 222, 224, 231
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

155,833	A *	10/1874	Hawkins	.....	215/364
208,403	A *	9/1878	Koeller	.....	215/364
D32,498	S *	4/1900	Watson	.....	D23/260
1,289,352	A *	12/1918	Adams	.....	215/200
D120,464	S *	5/1940	Martin	.....	D9/434
D216,386	S *	12/1969	Suggs	.....	D9/434
3,507,979	A *	4/1970	Gunduz	.....	174/176
D235,342	S *	6/1975	Otto	.....	D23/260
D247,549	S *	3/1978	Klees	.....	D9/439
D282,867	S *	3/1986	Ryan et al.	.....	D23/259
D304,972	S *	12/1989	Baxter	.....	D24/224
D304,973	S *	12/1989	Baxter	.....	D24/224
D308,170	S *	5/1990	Wilfong, Jr.	.....	D9/447
5,037,005	A *	8/1991	Appleby et al.	.....	222/184
D338,556	S *	8/1993	McNamara	.....	D7/620

D370,629	S *	6/1996	Lynch	.....	D9/439
5,586,673	A *	12/1996	Venooker et al.	.....	215/310
5,636,757	A *	6/1997	Porvaznik	.....	215/364
D402,354	S *	12/1998	Strong et al.	.....	D23/259
6,193,093	B1 *	2/2001	Brunner	.....	220/234
6,202,717	B1 *	3/2001	Markey et al.	.....	141/383
D443,511	S *	6/2001	Jensen	.....	D9/440
D447,410	S *	9/2001	Malmborg	.....	D9/434
D455,819	S *	4/2002	Hoening	.....	D23/259
D474,689	S *	5/2003	Dinsky	.....	D9/440
D480,640	S *	10/2003	Oyama et al.	.....	D9/439
D567,084	S *	4/2008	Batton et al.	.....	D9/454
2003/0071069	A1 *	4/2003	Shelton	.....	222/190

* cited by examiner

Primary Examiner—Gary D. Watson

Assistant Examiner—Susan Bennett Hattan

(74) *Attorney, Agent, or Firm*—Richard A. Ryan

(57) **CLAIM**

The ornamental design for a restrictor orifice for tube products, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the design for a restrictor orifice for tube products;

FIG. 2 is a front view of the restrictor orifice;

FIG. 3 is a back view of the restrictor orifice;

FIG. 4 is a top view of the restrictor orifice;

FIG. 5 is a bottom view of the restrictor orifice;

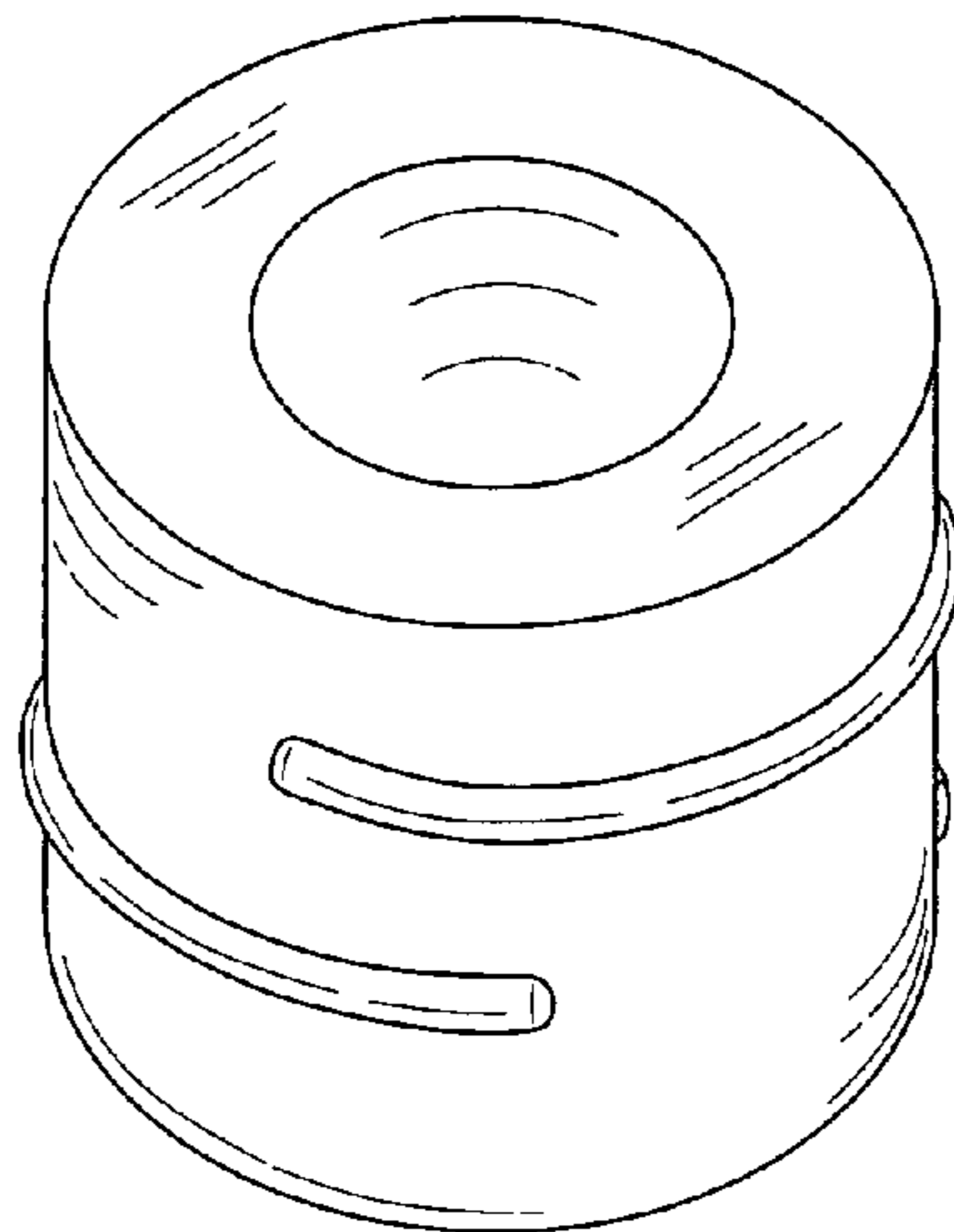
FIG. 6 is a right side view of the restrictor orifice;

FIG. 7 is a left side view of the restrictor orifice;

FIG. 8 is a front perspective view of the restrictor orifice shown in relation to a tube product with which the restrictor orifice may be utilized, with the tube product shown in broken lines for illustrative purposes only and forming no part of the claimed design; and,

FIG. 9 is a top view of the restrictor orifice shown disposed inside a tube product, with the tube product shown in broken lines for illustrative purposes only and forming no part of the claimed design.

1 Claim, 3 Drawing Sheets



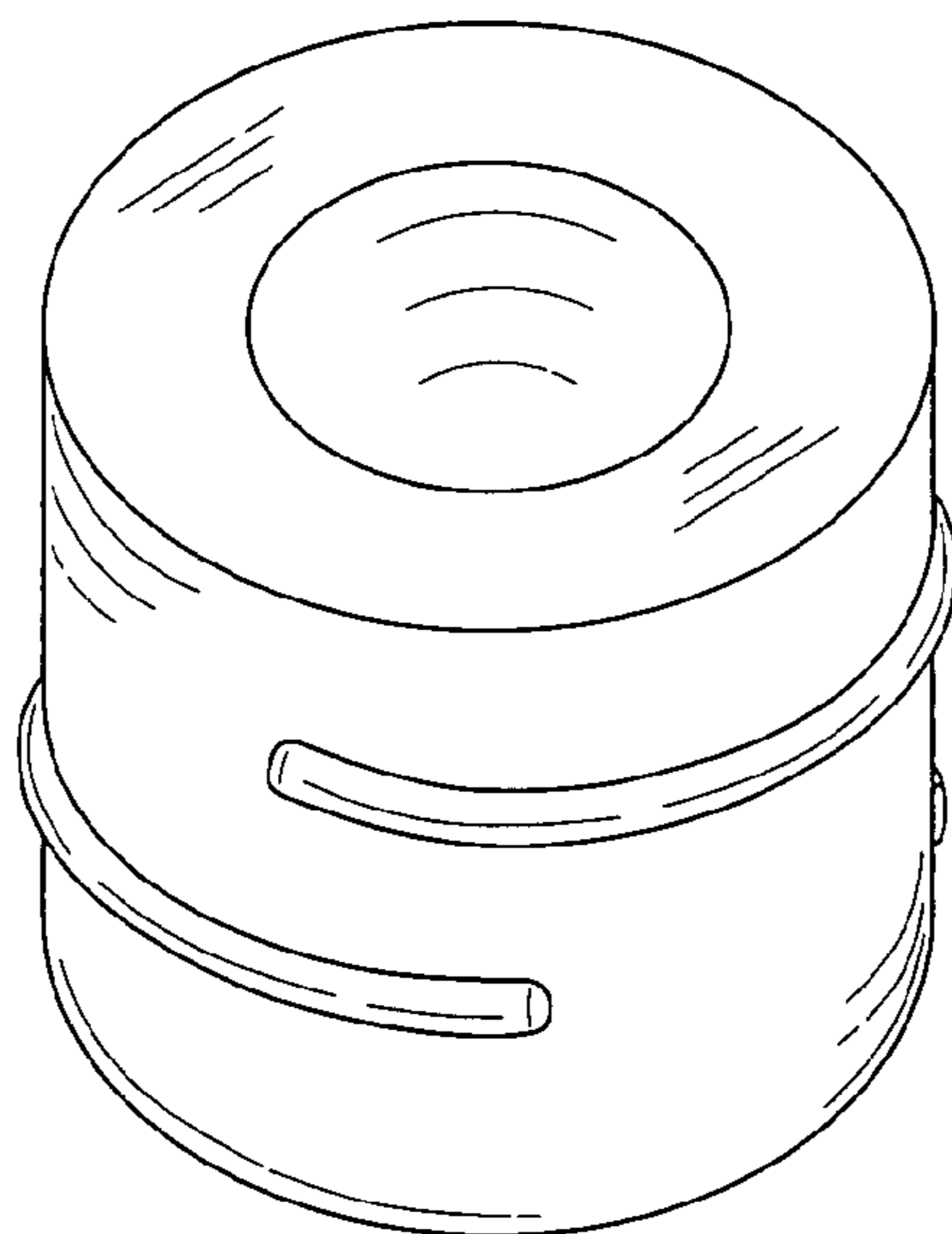


FIG. 1

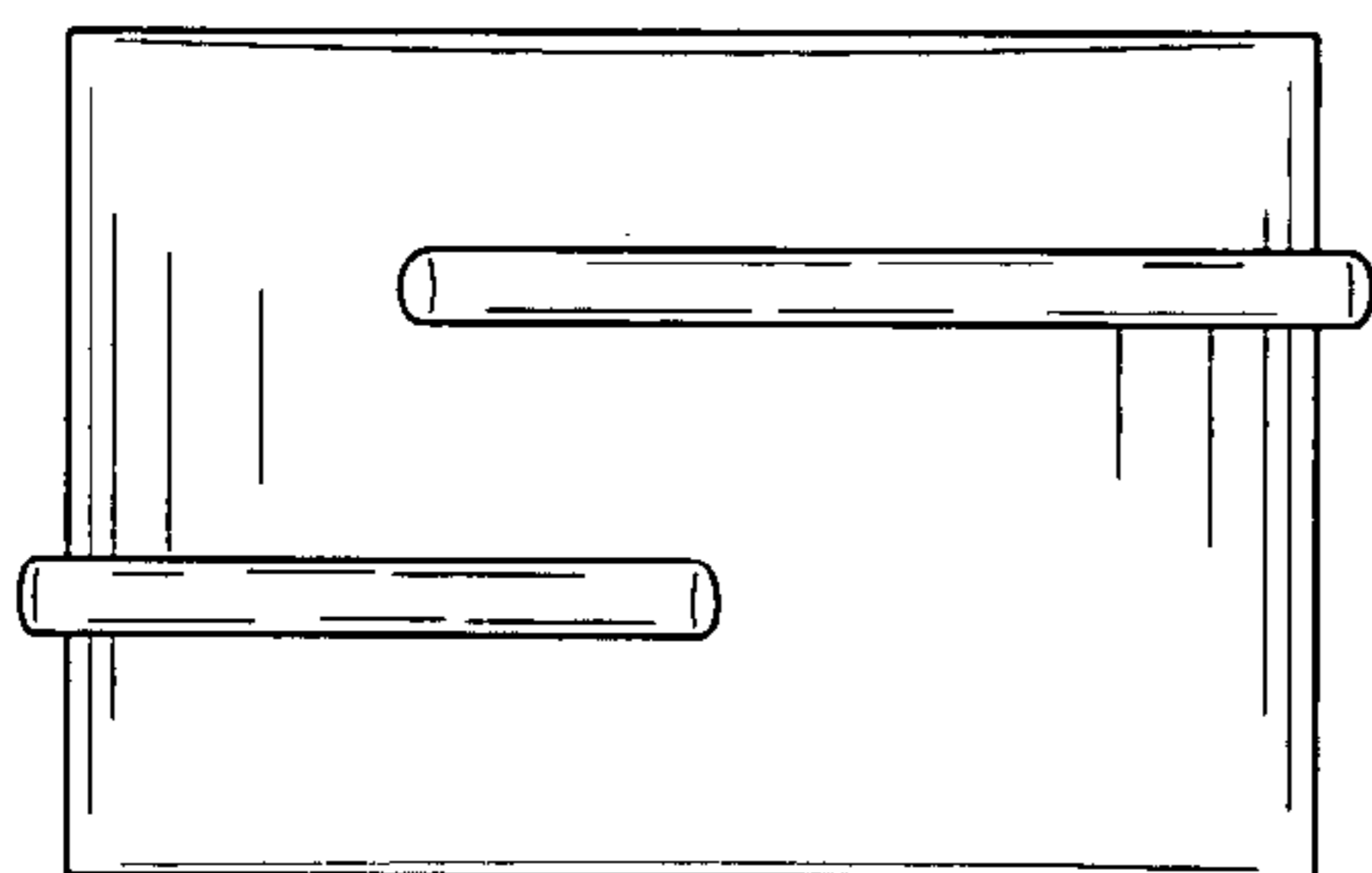


FIG. 2

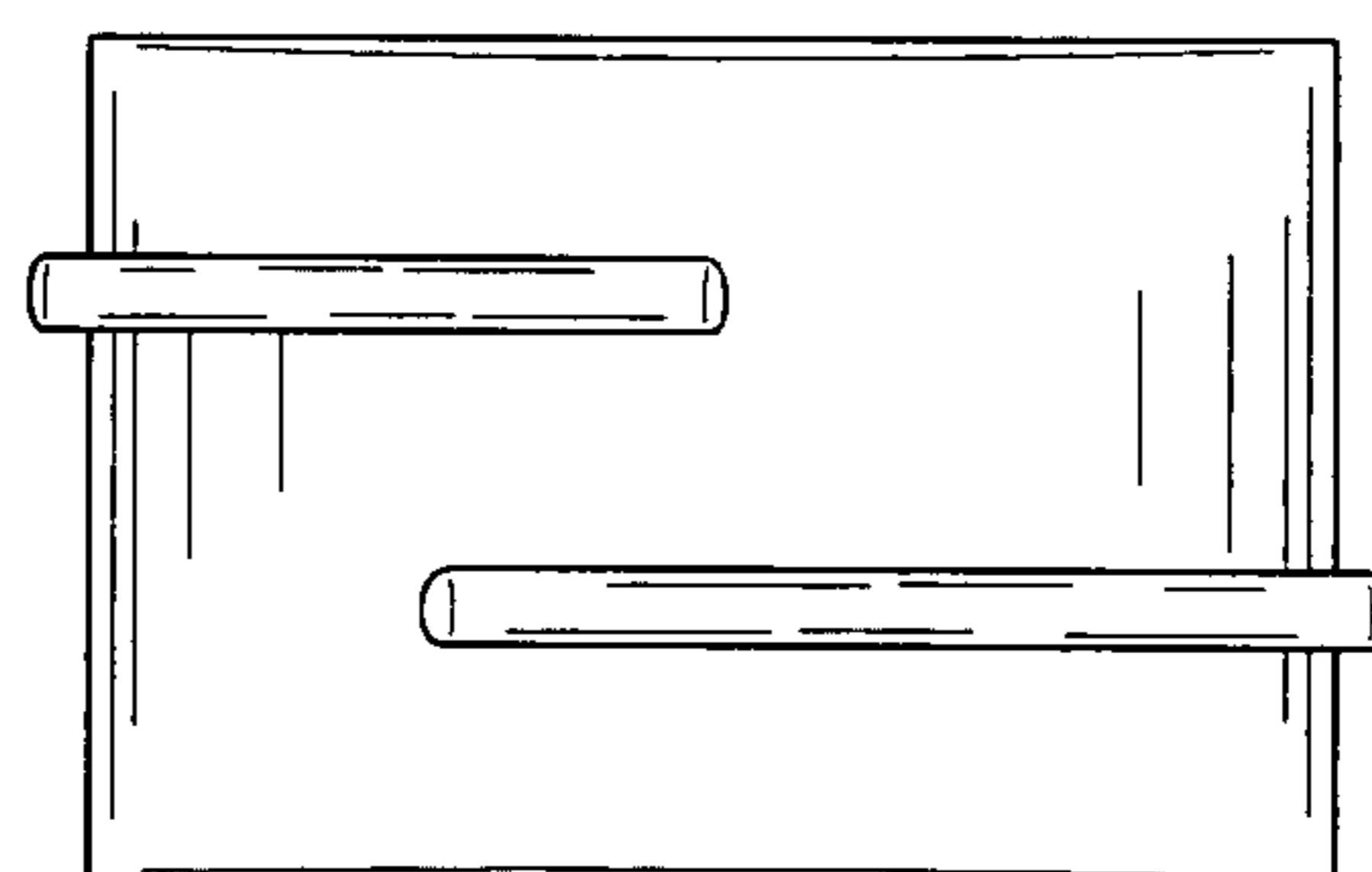


FIG. 3

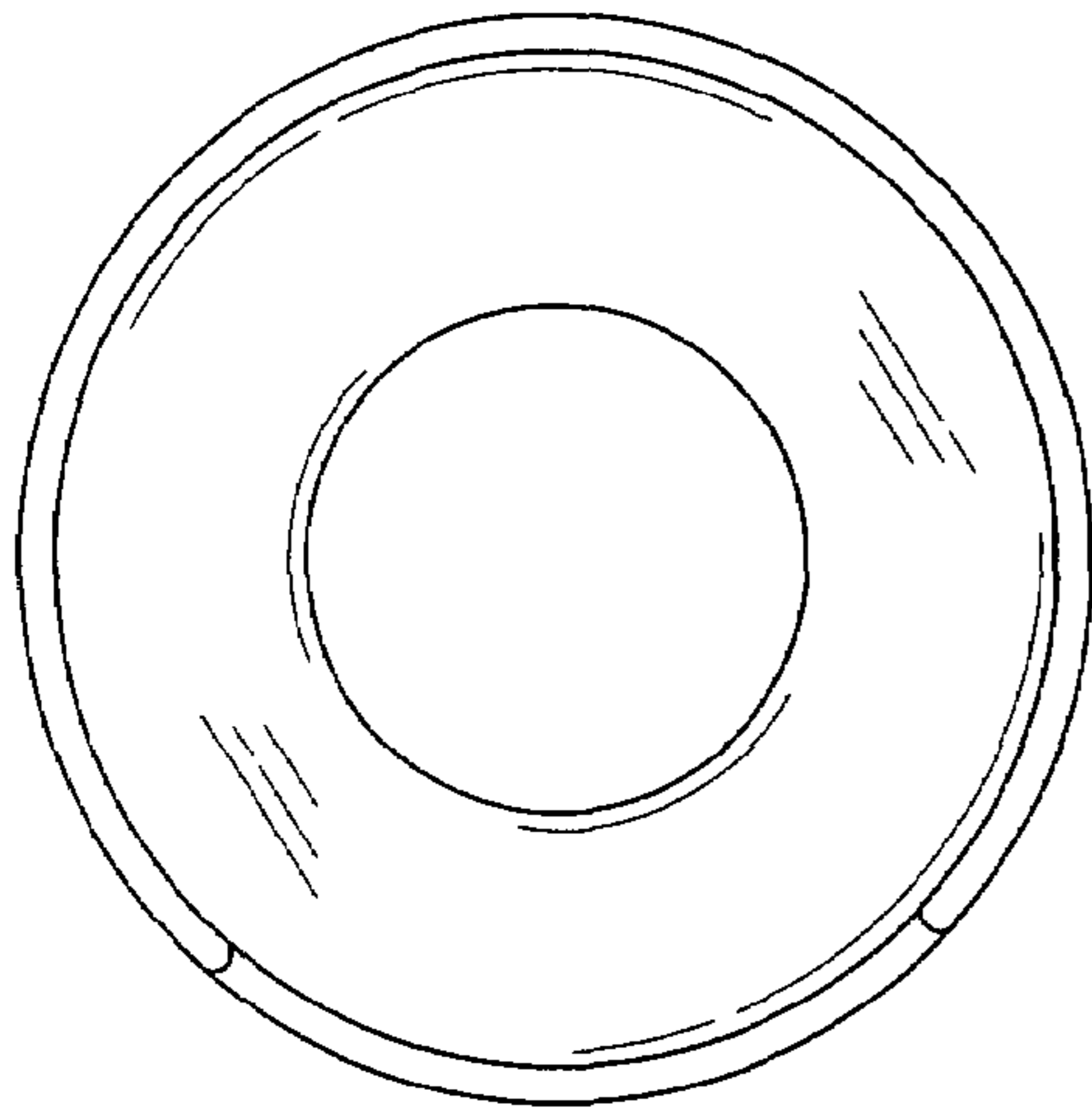


FIG. 4

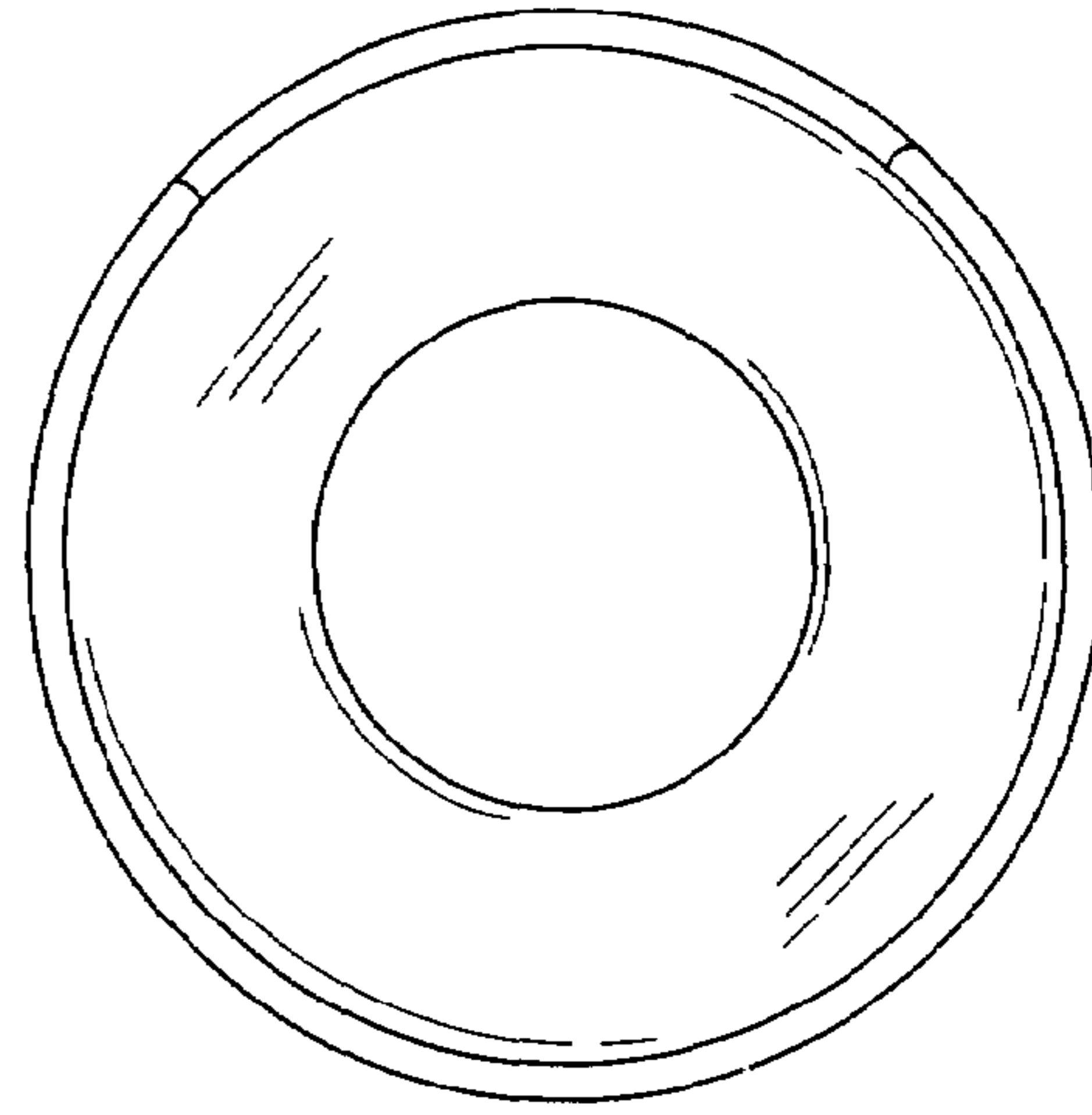


FIG. 5

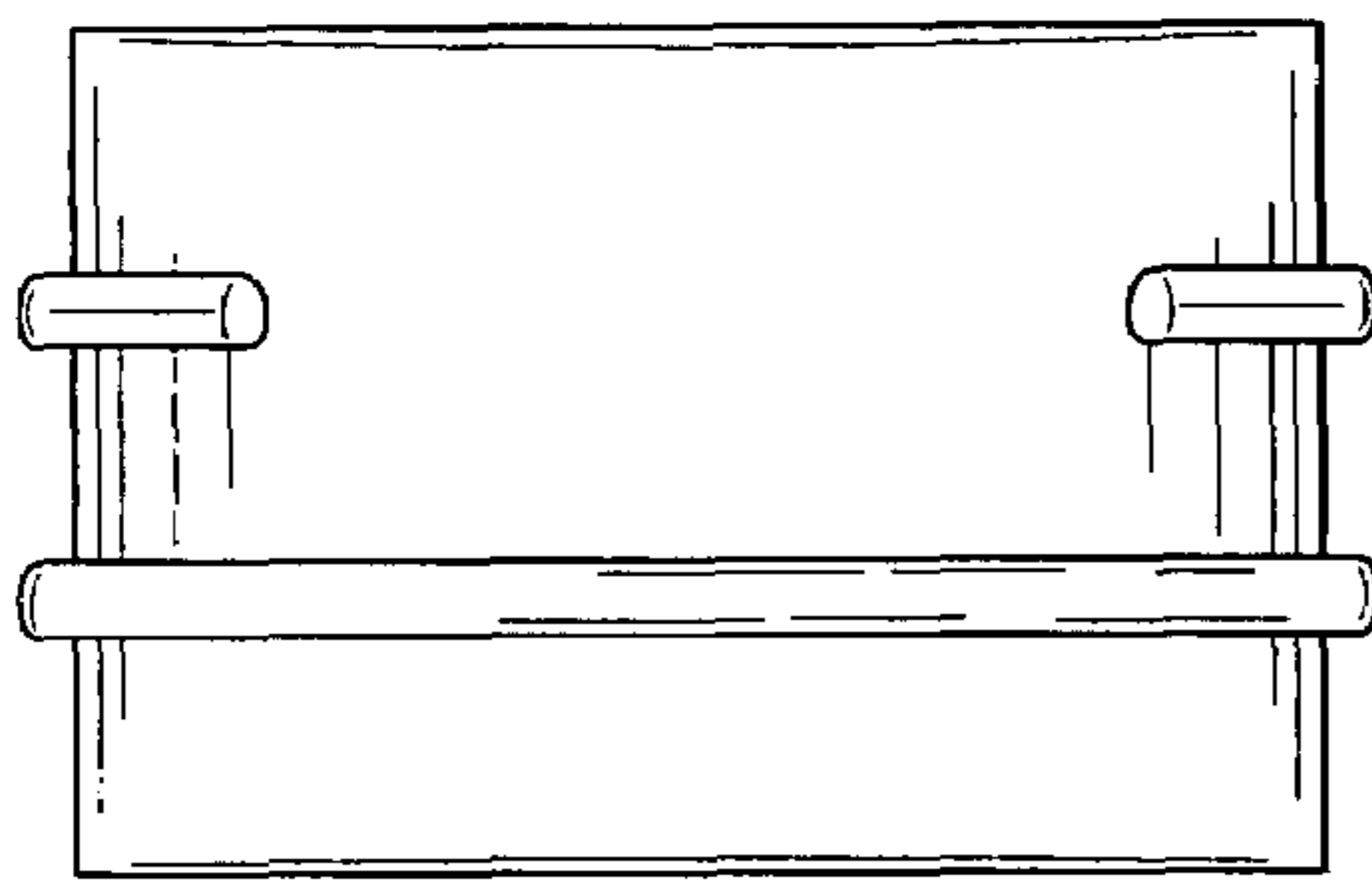


FIG. 6

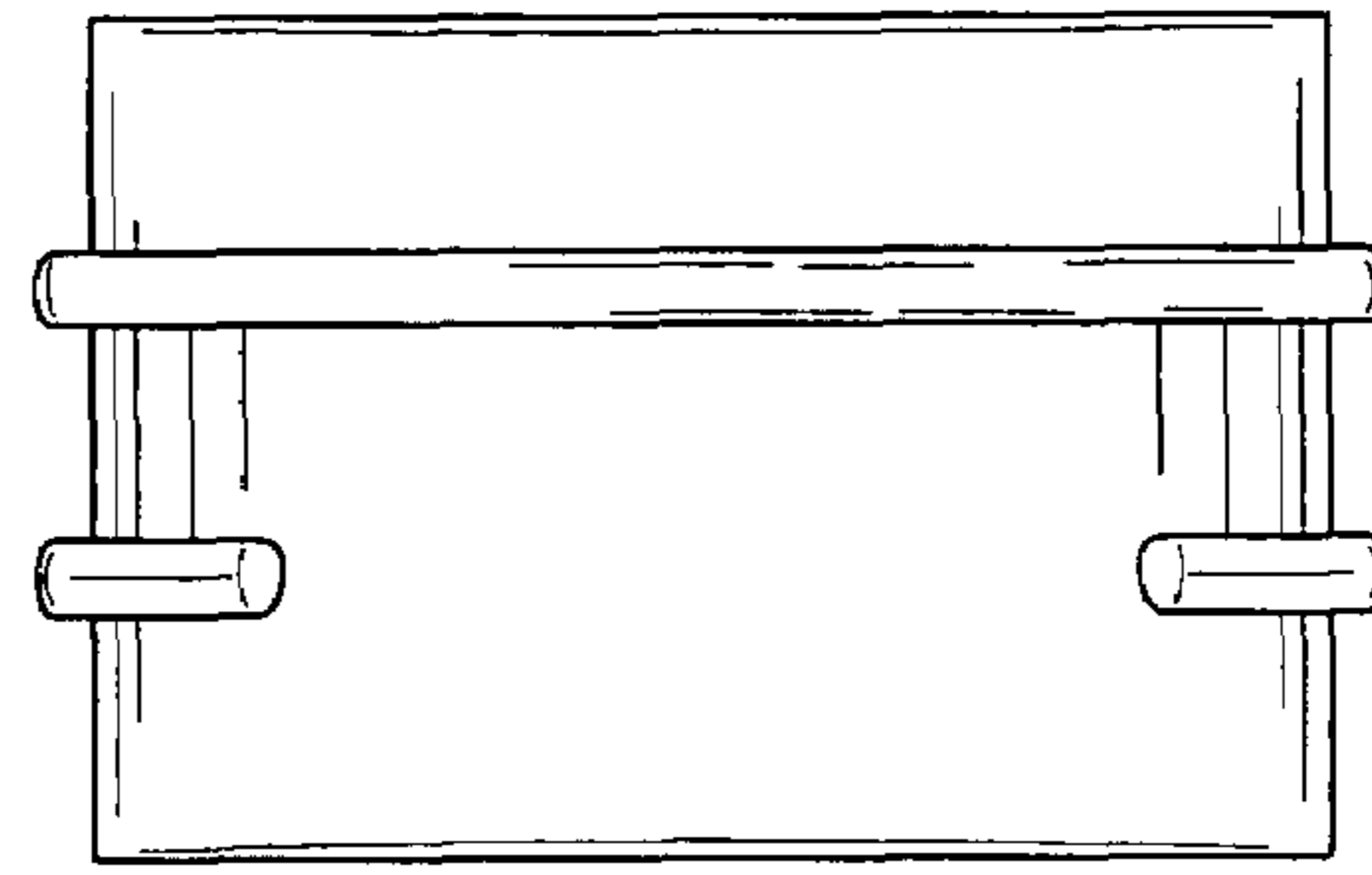


FIG. 7

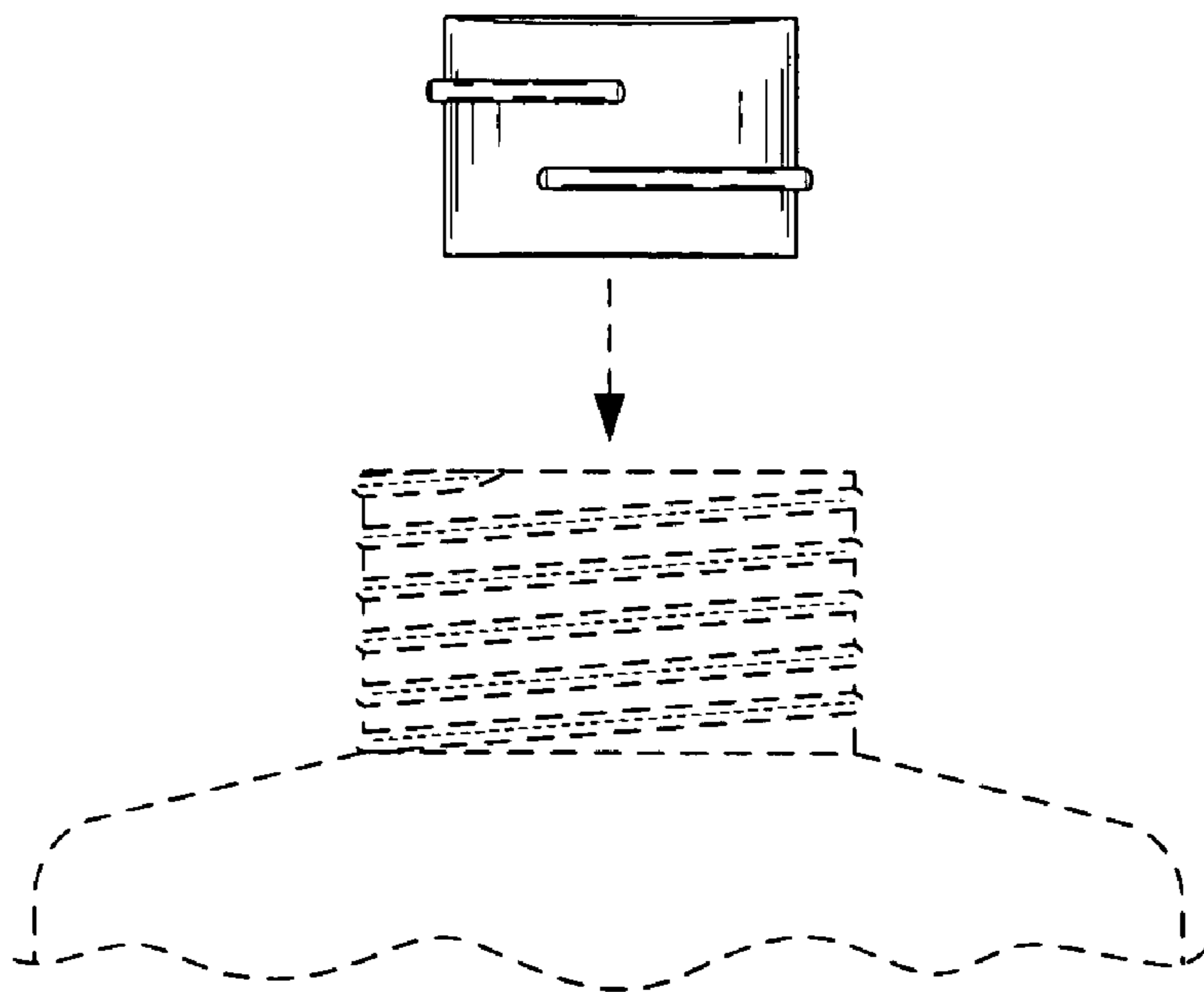


FIG. 8

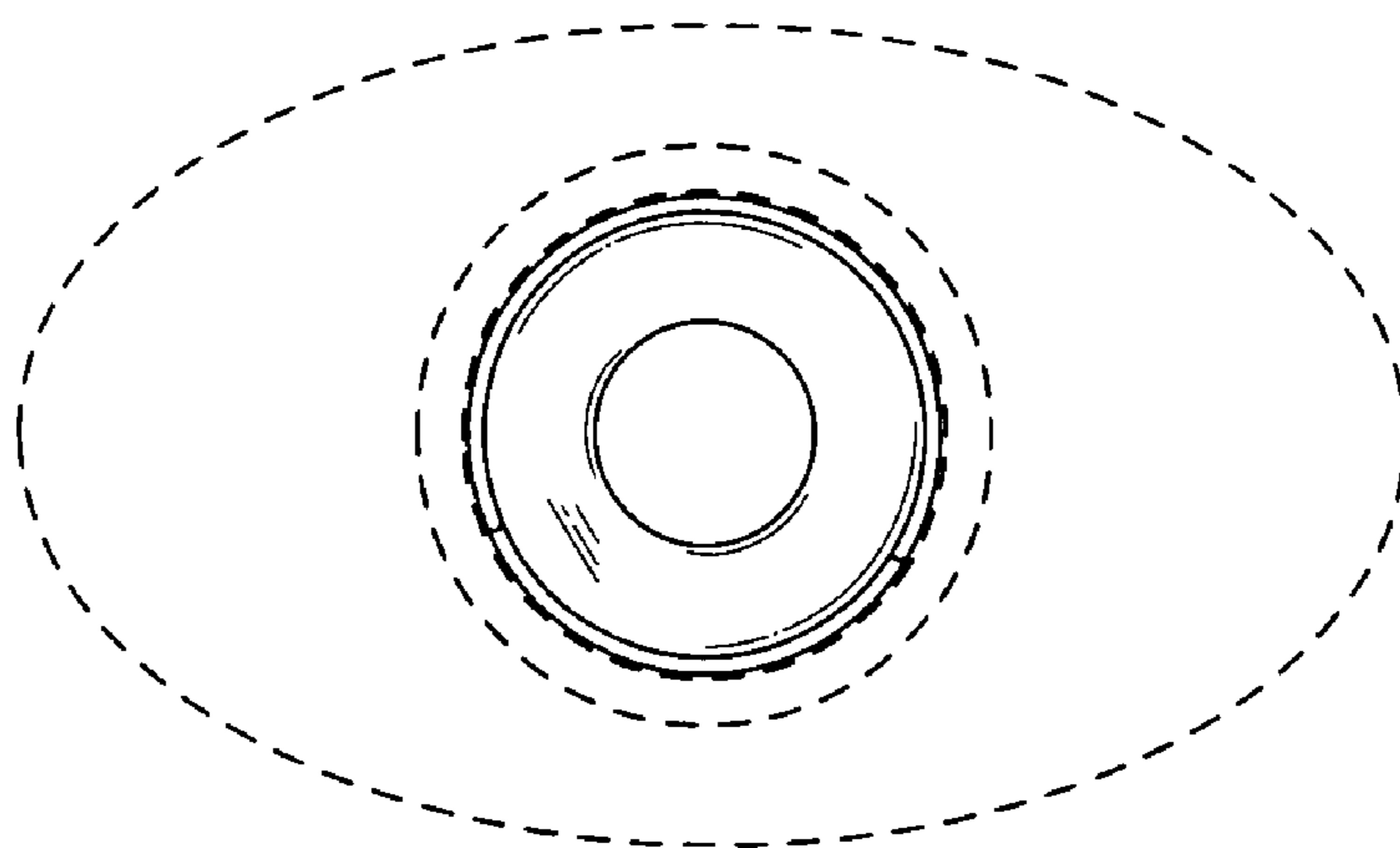


FIG. 9