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United States Patent [19]

[11] Patent Number: **Des. 323,837**

Johnson

[45] Date of Patent: **** Feb. 11, 1992**

[54] **BALL SEPARATOR FOR BEARING ASSEMBLY**

1,011,028	12/1911	Chambers	.....	D15/143 X
1,222,760	4/1917	Helm	.....	D15/143 X
1,996,841	4/1935	Stevens	.....	384/547
2,861,849	11/1958	Case	.....	384/547
3,590,970	7/1971	Kornylak	.....	193/35 MD X
4,243,131	1/1981	Young	.....	193/35 MD

[75] Inventor: **James P. Johnson, Sugar Grove, Ill.**

[73] Assignee: **Emerson Electric Co., St. Louis, Mo.**

[**] Term: **14 Years**

FOREIGN PATENT DOCUMENTS

[21] Appl. No.: **364,987**

876351 8/1961 United Kingdom 193/35 MD

[22] Filed: **Jun. 12, 1989**

Primary Examiner—Bruce W. Dunkins

[52] U.S. Cl. **D15/143**

Assistant Examiner—Antonie D. Davis

[58] Field of Search D15/143; 193/35 MD;
384/477, 523, 530

Attorney, Agent, or Firm—Aubrey L. Burgess

[57] CLAIM

[56] References Cited

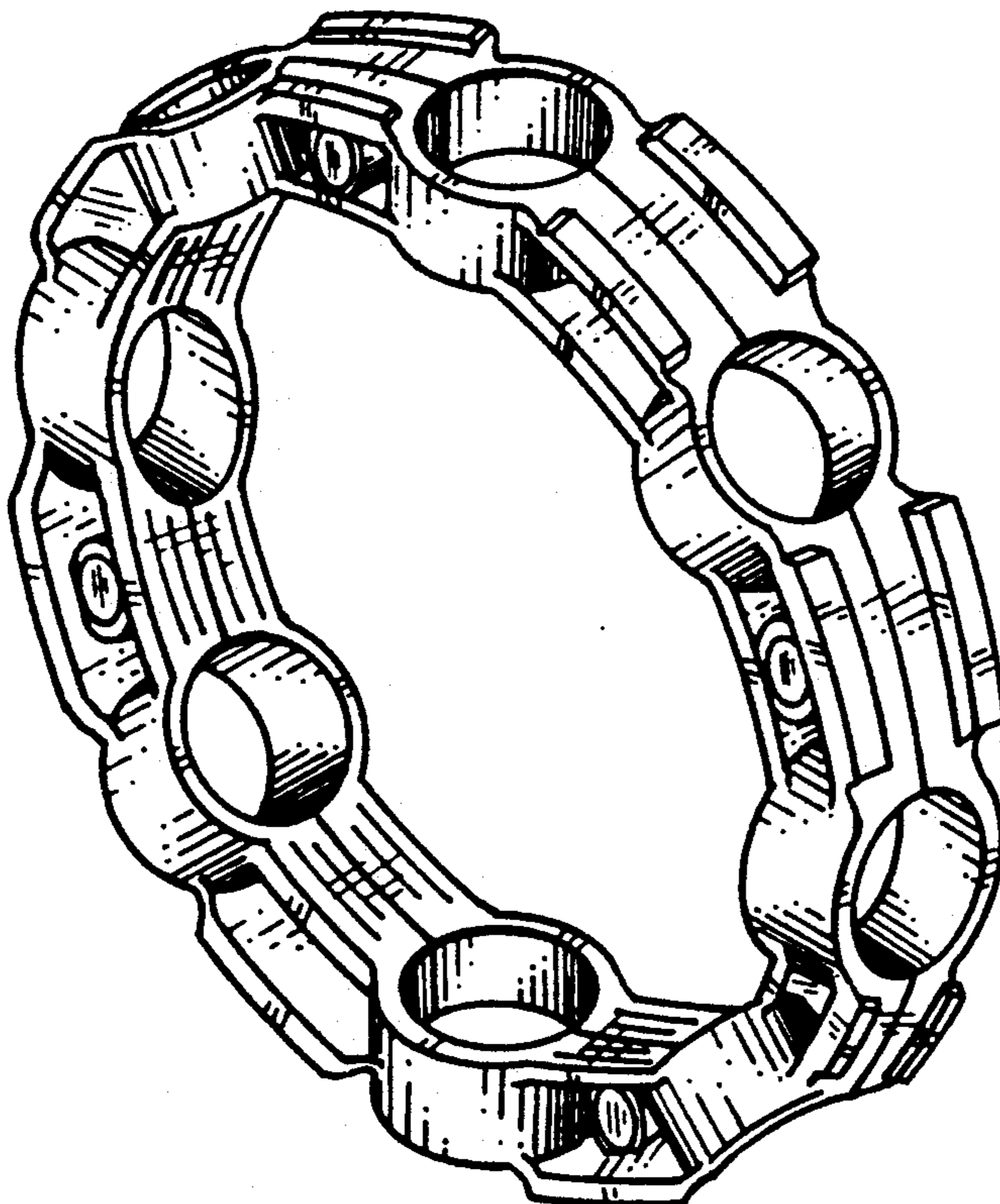
The ornamental design for a ball separator for bearing assembly, as shown.

U.S. PATENT DOCUMENTS

DESCRIPTION

D. 28,868	6/1898	Keiper	.....	D15/143
D. 29,522	10/1898	Cummings	.....	D15/143
D. 30,181	2/1899	Creager	.....	D15/143
D. 30,182	2/1899	Creager	.....	D15/143
D. 30,183	2/1899	Creager	.....	D15/143
111,193	1/1871	Castor	.....	193/35 MD
D. 227,397	6/1973	Steinke	.....	D15/143

FIG. 1 is a perspective view of a ball separator for bearing assembly showing my new design;
FIG. 2 is an elevational view thereof, showing one of the two identical ends; and
FIG. 3 is an elevational view thereof, showing one of the two identical ends.



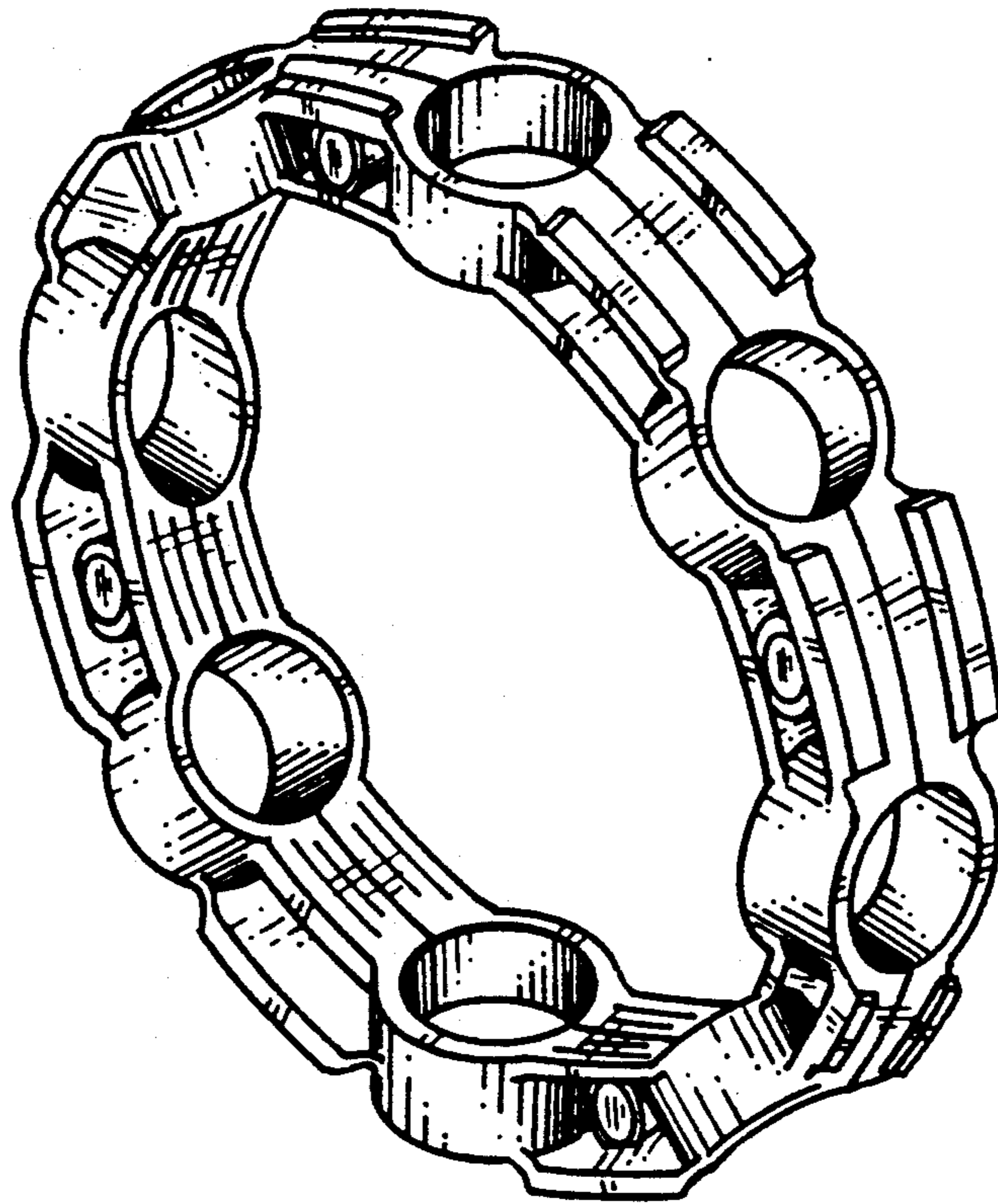


FIG. 1

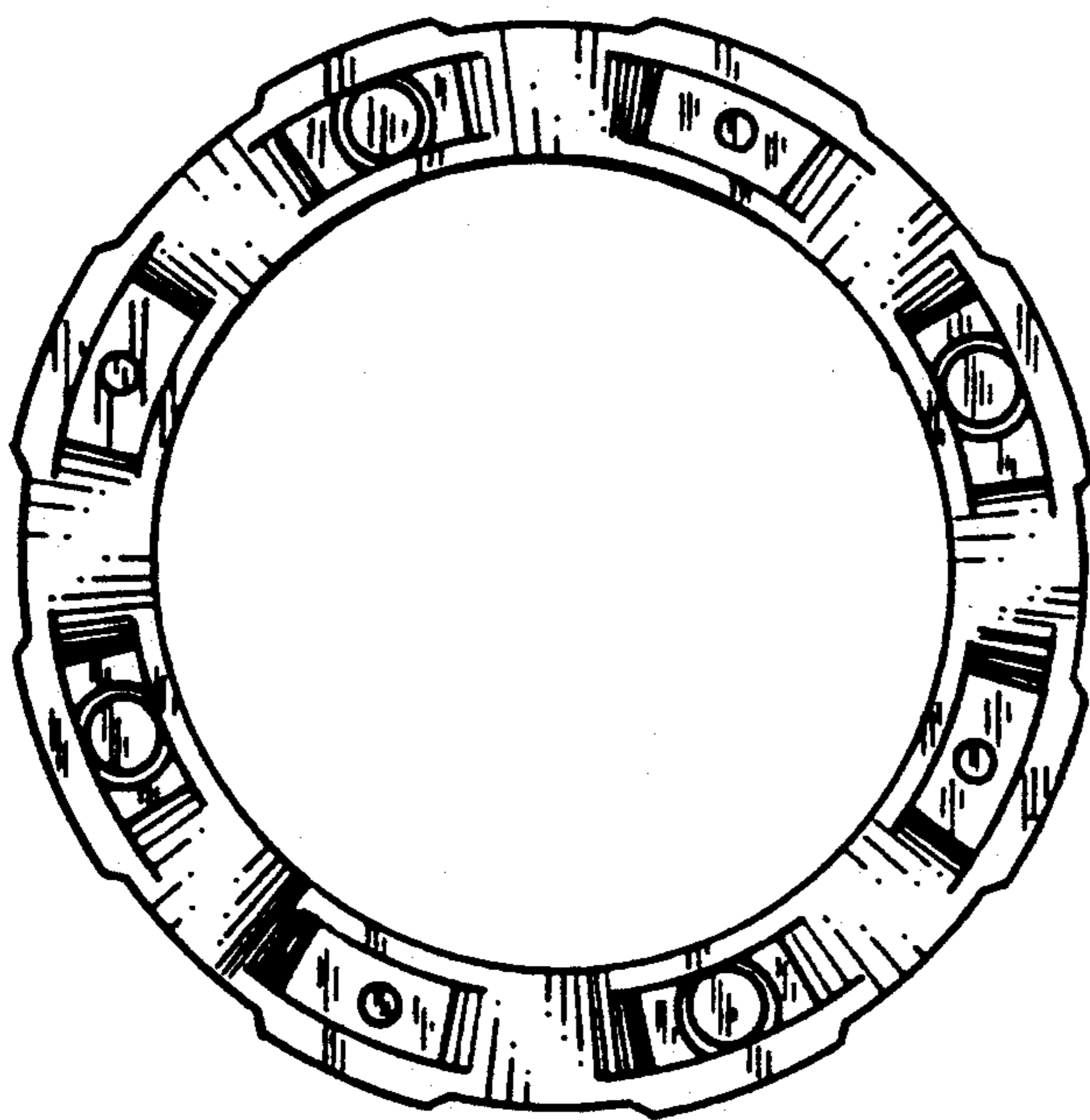


FIG. 2

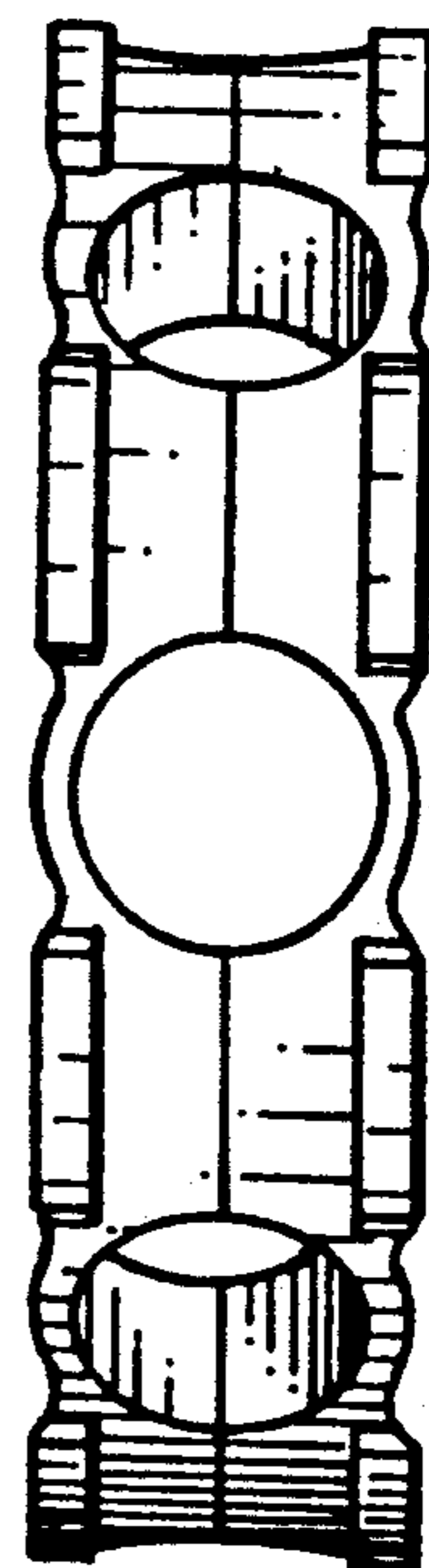


FIG. 3