



US00D379358S

United States Patent [19]
Lennartsson

[11] **Patent Number: Des. 379,358**
[45] **Date of Patent: **May 20, 1997**

[54] **CLINCHING ROLLER**

WO8600123 3/1986 WIPO .
WO8911351 11/1989 WIPO .

[75] Inventor: **Kenneth Lennartsson**, Torekov,
Sweden

OTHER PUBLICATIONS

[73] Assignee: **Protol A.G.**, Glarus, Switzerland

Pamphlet entitled "The Round Revolution" ©1993 Spiro International S.A., Switzerland.

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

Primary Examiner—Holly H. Baynham
Attorney, Agent, or Firm—Weingarten, Schurgin, Gagnebin & Hayes LLP

[21] Appl. No.: **35,876**

[22] Filed: **Mar. 8, 1995**

[57] **CLAIM**

[51] **LOC (6) Cl.** **15-09**

The ornamental design for a clinching roller, as shown and described.

[52] **U.S. Cl.** **D15/123**

[58] **Field of Search** D15/123; D8/360;
72/6.2

DESCRIPTION

[56] **References Cited**

FIG. 1 is a plan view of a clinching roller, showing my new design;

U.S. PATENT DOCUMENTS

FIG. 2 is a side view of the clinching roller, showing a peripheral groove with a recess;

- D. 232,970 9/1974 Dyrup D15/123
- D. 330,155 10/1992 Dye D8/360
- 4,706,481 11/1987 Castricum 72/49

FIG. 3 is a perspective view of the clinching roller, showing said recess as seen obliquely from one side; and,

FIG. 4 is a perspective view of the clinching roller, as seen obliquely from the other side.

FOREIGN PATENT DOCUMENTS

- 1168179 10/1969 United Kingdom .
- 2213748 8/1989 United Kingdom .

1 Claim, 1 Drawing Sheet

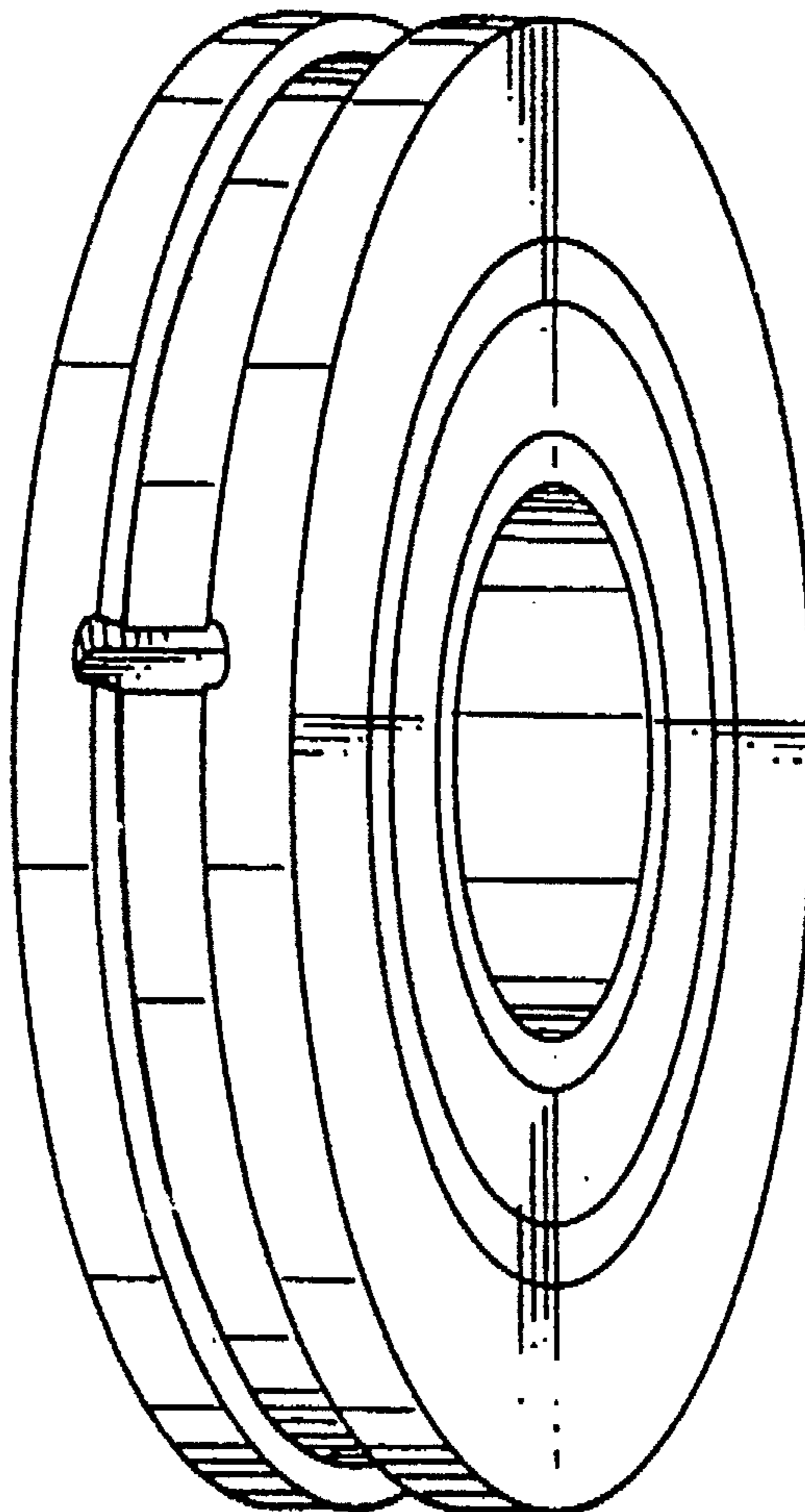


FIG. 1

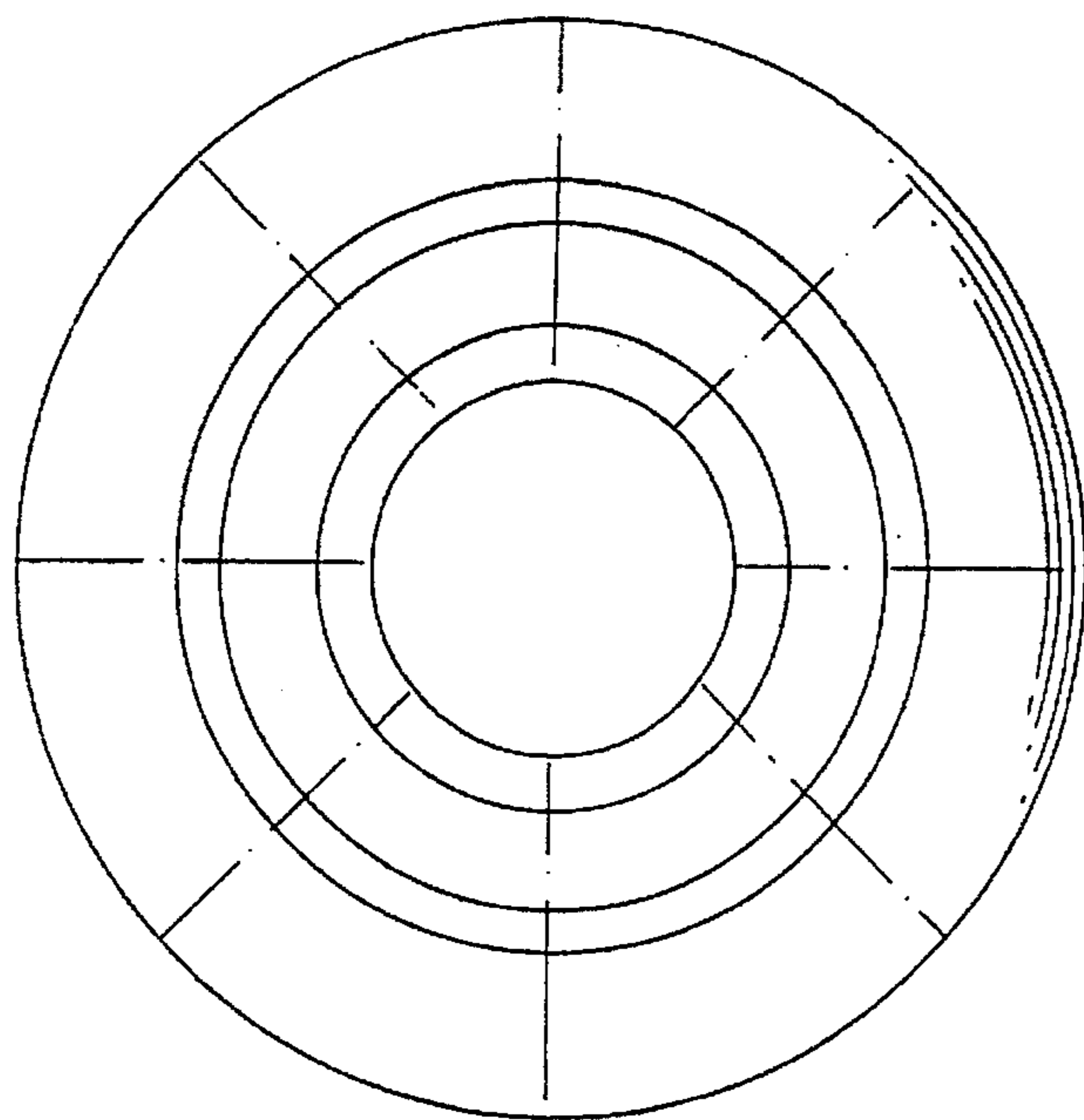


FIG. 2

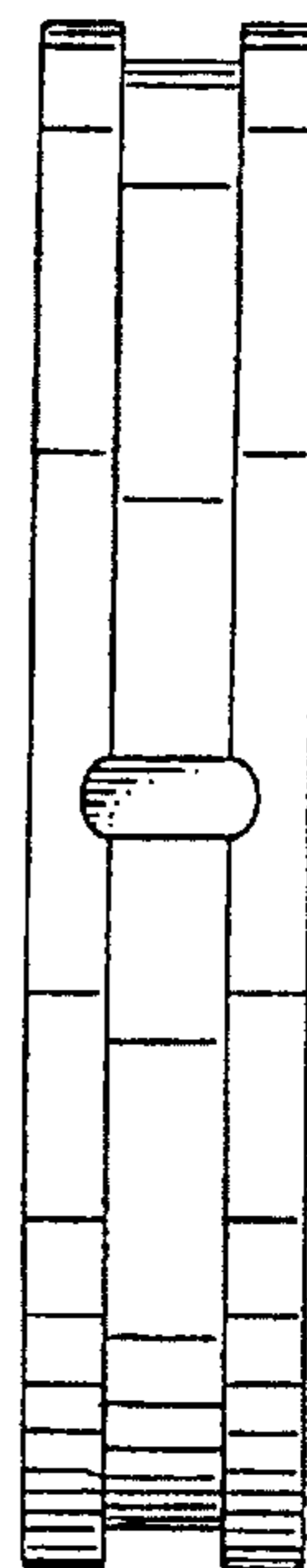


FIG. 3

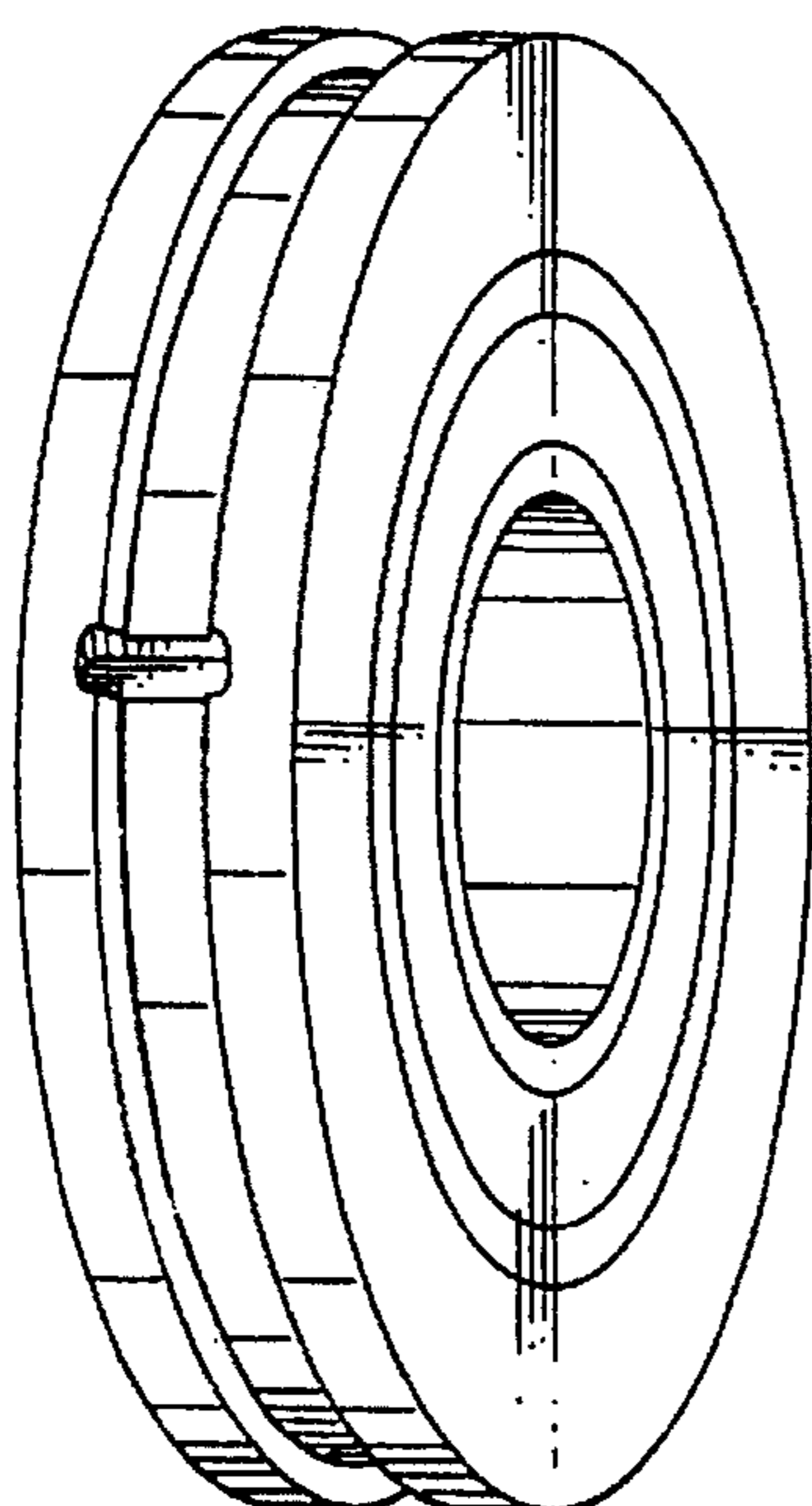


FIG. 4

