



US00D333702S

United States Patent [19]

[11] Patent Number: **Des. 333,702**

Huffman

[45] Date of Patent: **** Mar. 2, 1993**

[54] **COMBINED OTOSCOPE SPECULUM AND CLEANING LOOP**

[76] Inventor: **Stephen L. Huffman**, 12579 Spring St., Leavenworth, Wash. 98826

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

[21] Appl. No.: **564,625**

[22] Filed: **Aug. 8, 1990**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 331,509, Mar. 31, 1989, abandoned.

[52] U.S. Cl. **D24/135**

[58] Field of Search **D24/135, 137, 138; 128/4, 7, 9**

[56] References Cited

U.S. PATENT DOCUMENTS

968,498	11/1910	Milonet	128/9
1,693,021	11/1928	Camerson	
2,797,684	8/1955	Moore	D24/135 X
3,110,304	11/1963	Hartman	128/9
3,146,775	9/1964	Moore et al.	128/6
3,224,437	4/1965	Hardgrove	D24/135 X
3,840,004	10/1974	Heine	128/9
3,949,740	4/1976	Twentier	128/9
4,380,998	4/1983	Kieffer, III et al.	128/9
4,685,452	8/1987	Riester	128/9

FOREIGN PATENT DOCUMENTS

84 03728 3/1984 France .

Primary Examiner—Stella Reid

Assistant Examiner—I. Simmons

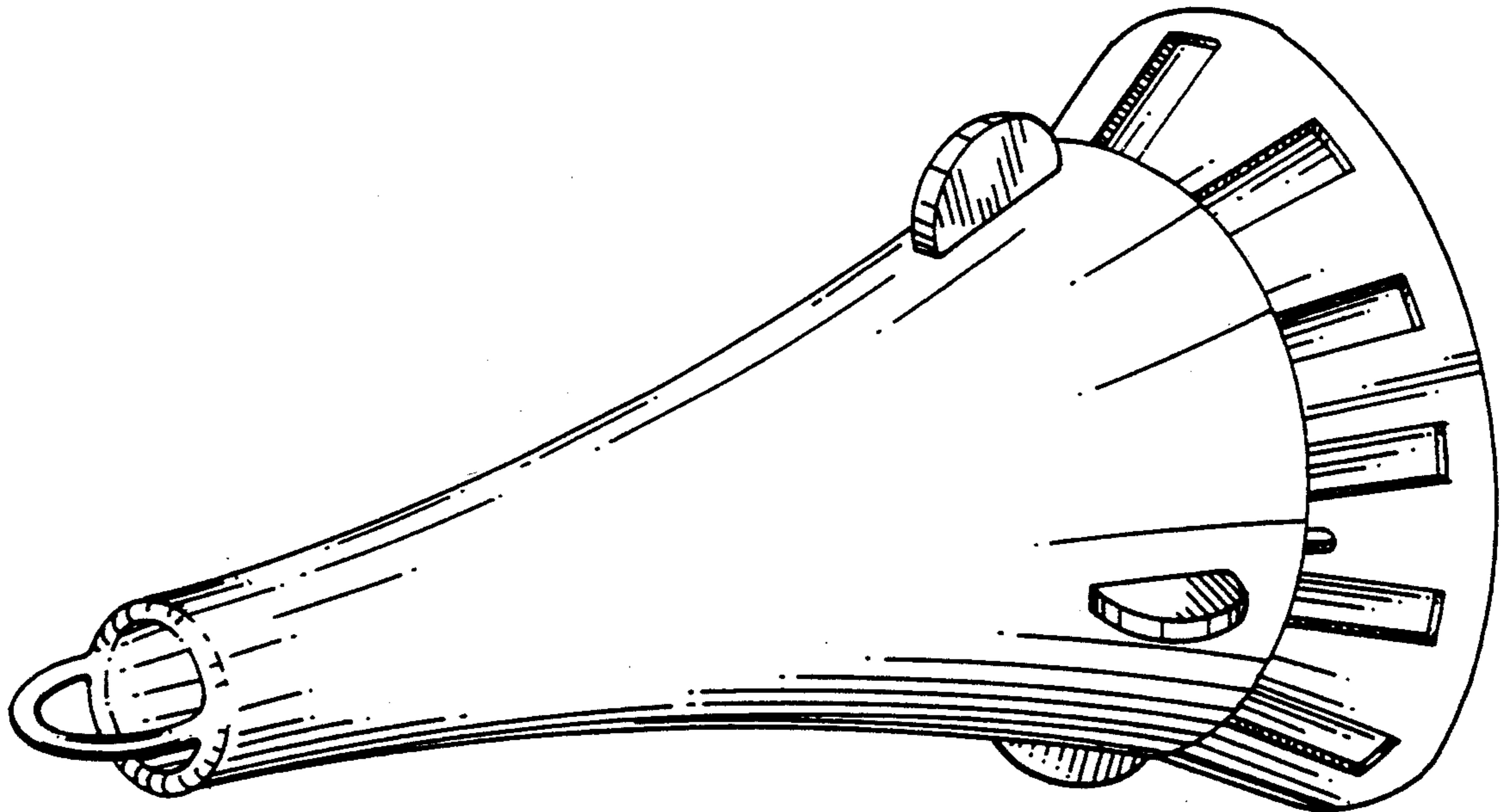
Attorney, Agent, or Firm—Wells, St. John, Roberts, Gregory & Matkin

[57] CLAIM

The ornamental design for a combined otoscope speculum and cleaning loop, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a combined otoscope speculum and cleaning loop showing my new design; FIG. 2 is a top plan view thereof, the bottom plan view being a mirror image thereto; FIG. 3 is a side elevational view thereof, the opposite side elevational view being a mirror image thereto; FIG. 4 is a front end elevational view thereof; FIG. 5 is a rear end elevational view thereof; FIG. 6 is a perspective view of a second embodiment of the combined otoscope speculum and cleaning loop; FIG. 7 is a top plan view thereof, the bottom plan view being a mirror image thereto; FIG. 8 is a side elevational view thereof, the opposite side elevational view being a mirror image; FIG. 9 is a front end elevational view thereof; and, FIG. 10 is a rear end elevational view thereof.



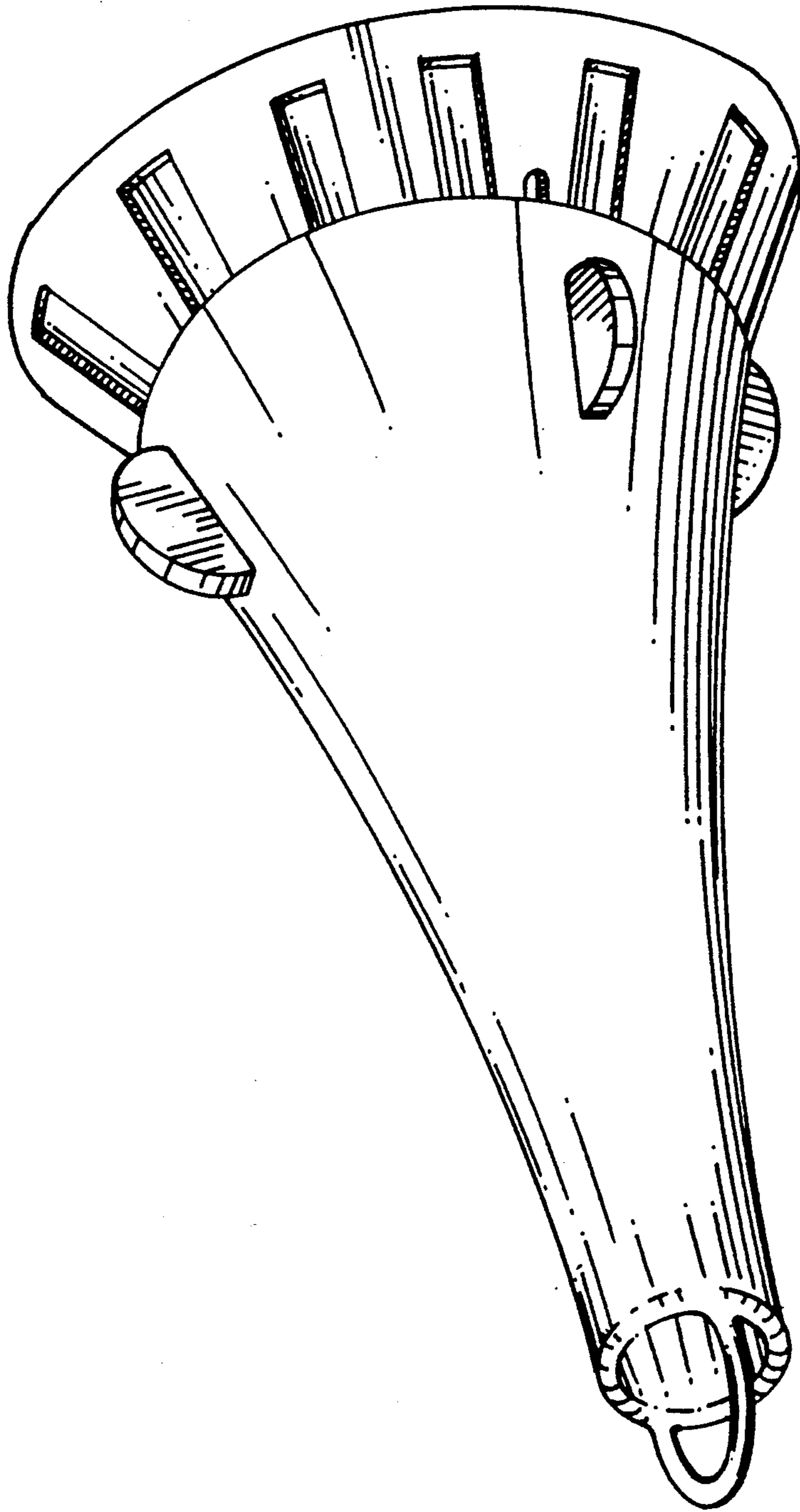


FIG. 1

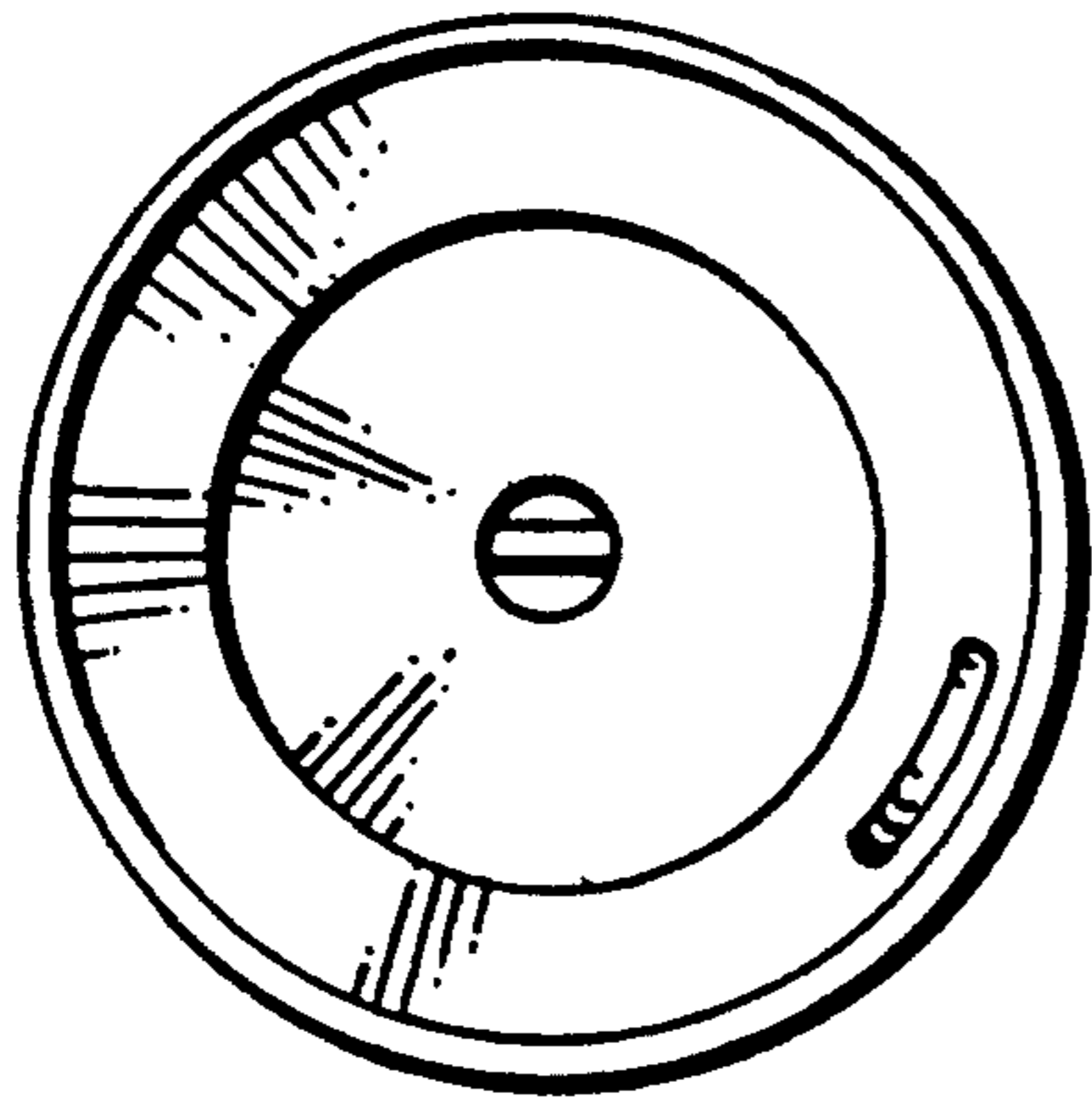


FIG 5

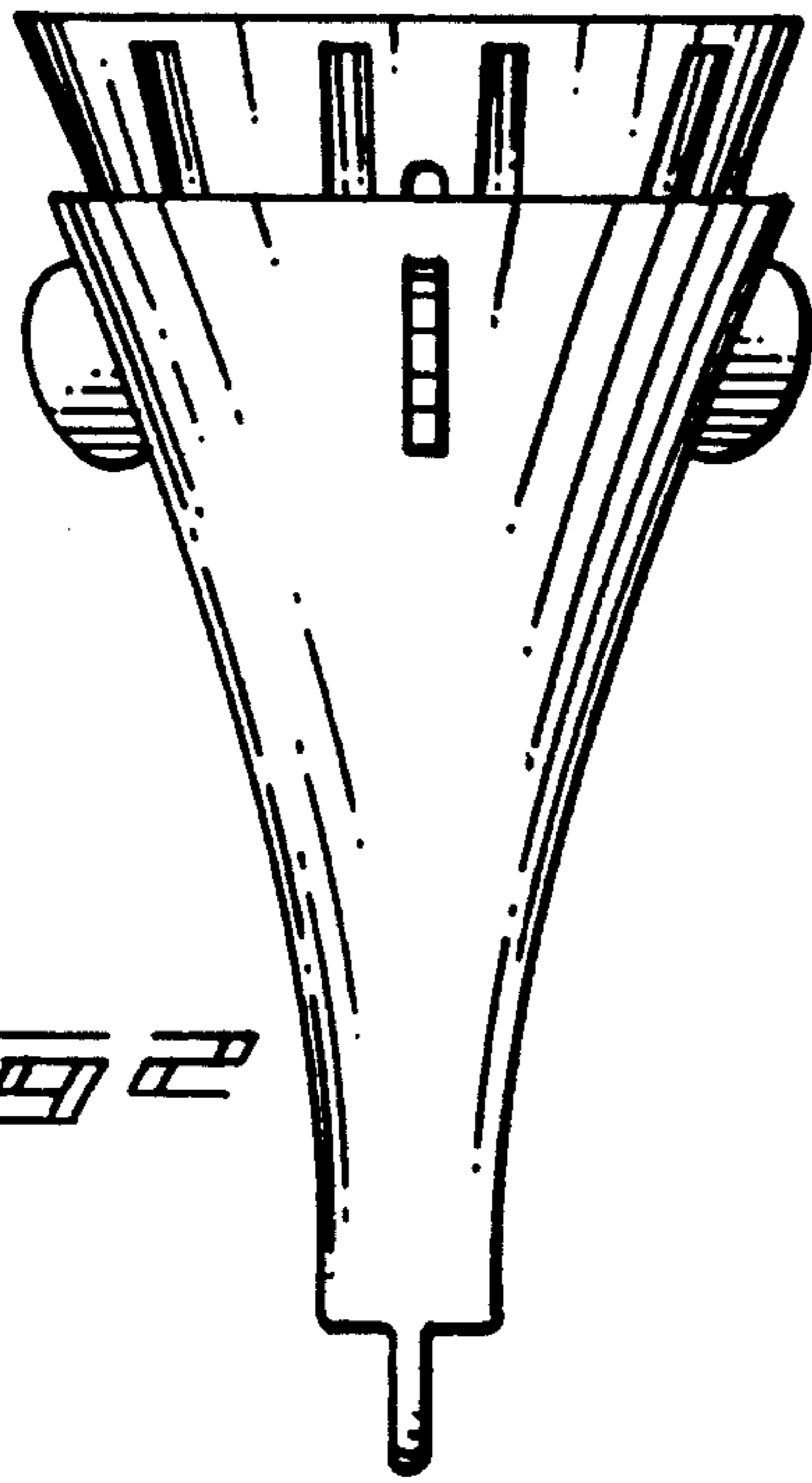


FIG 2

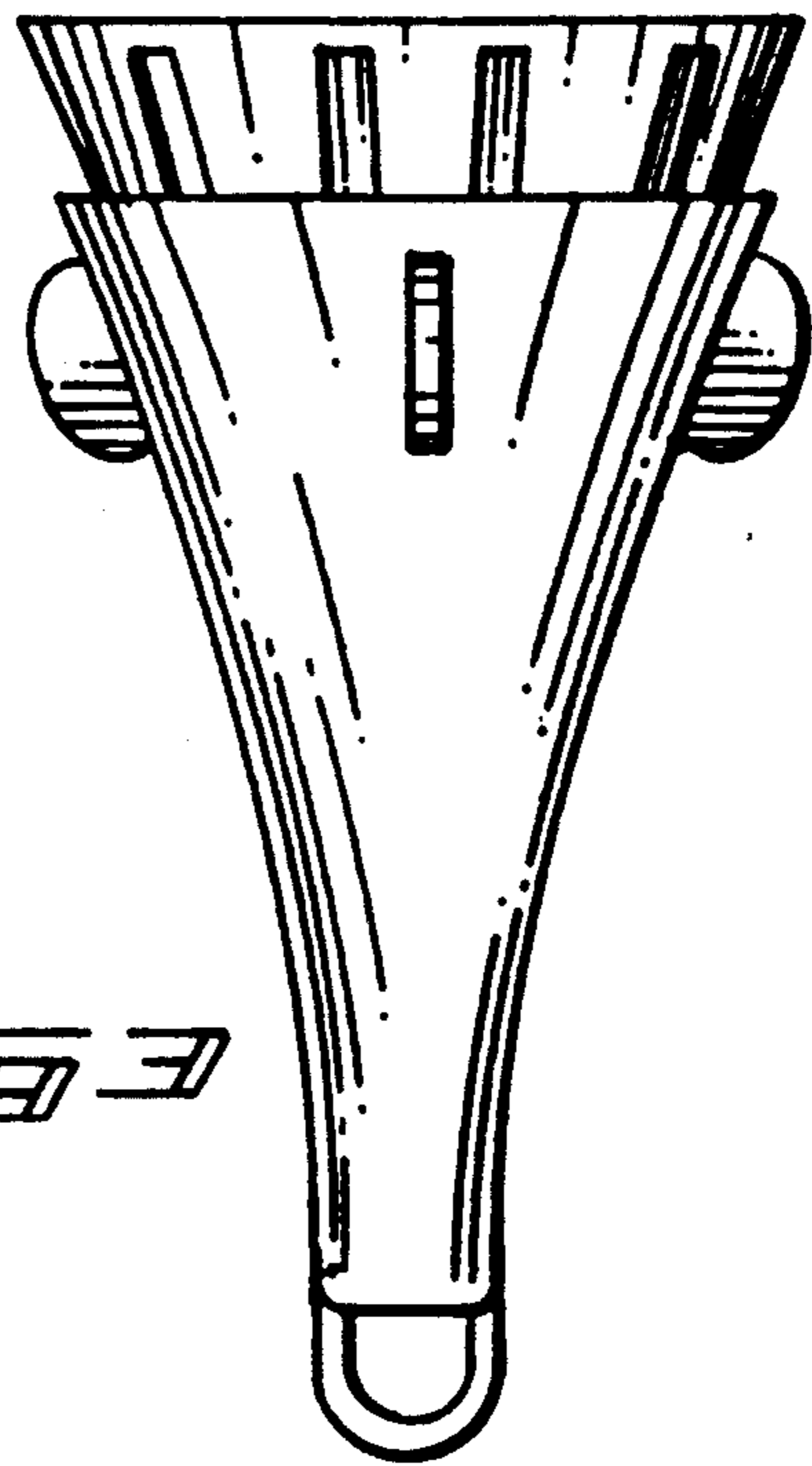


FIG 3

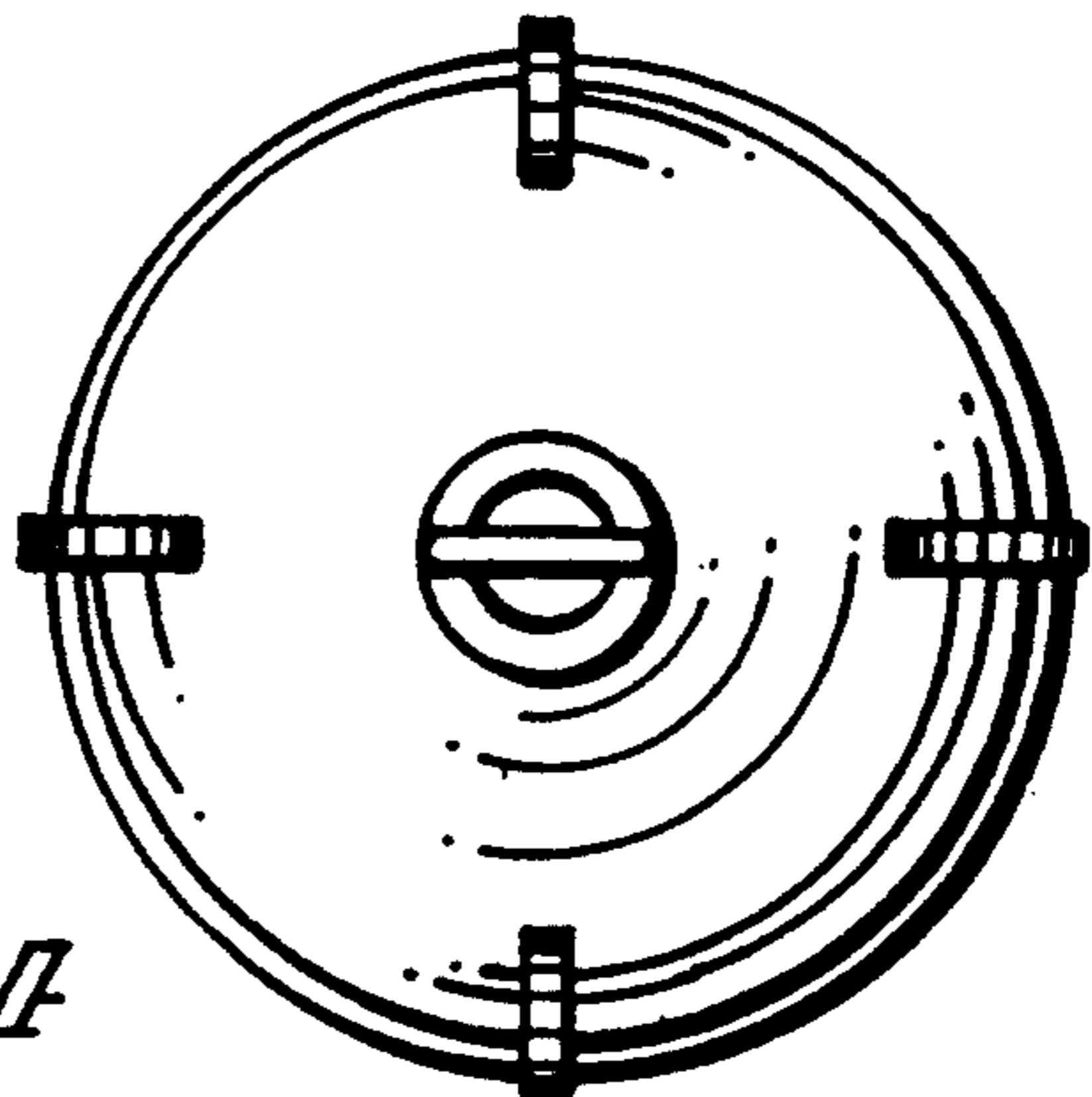


FIG 4

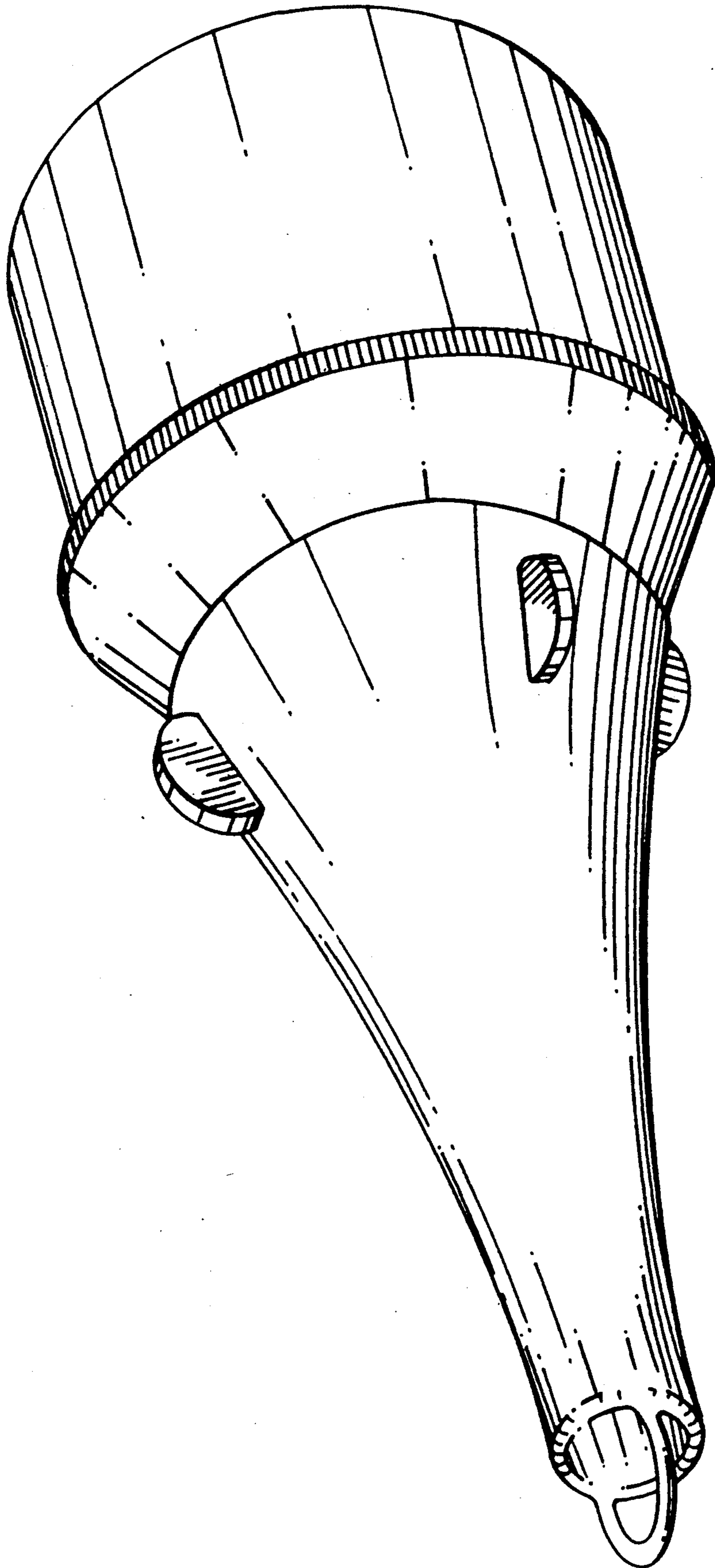


FIG. 3

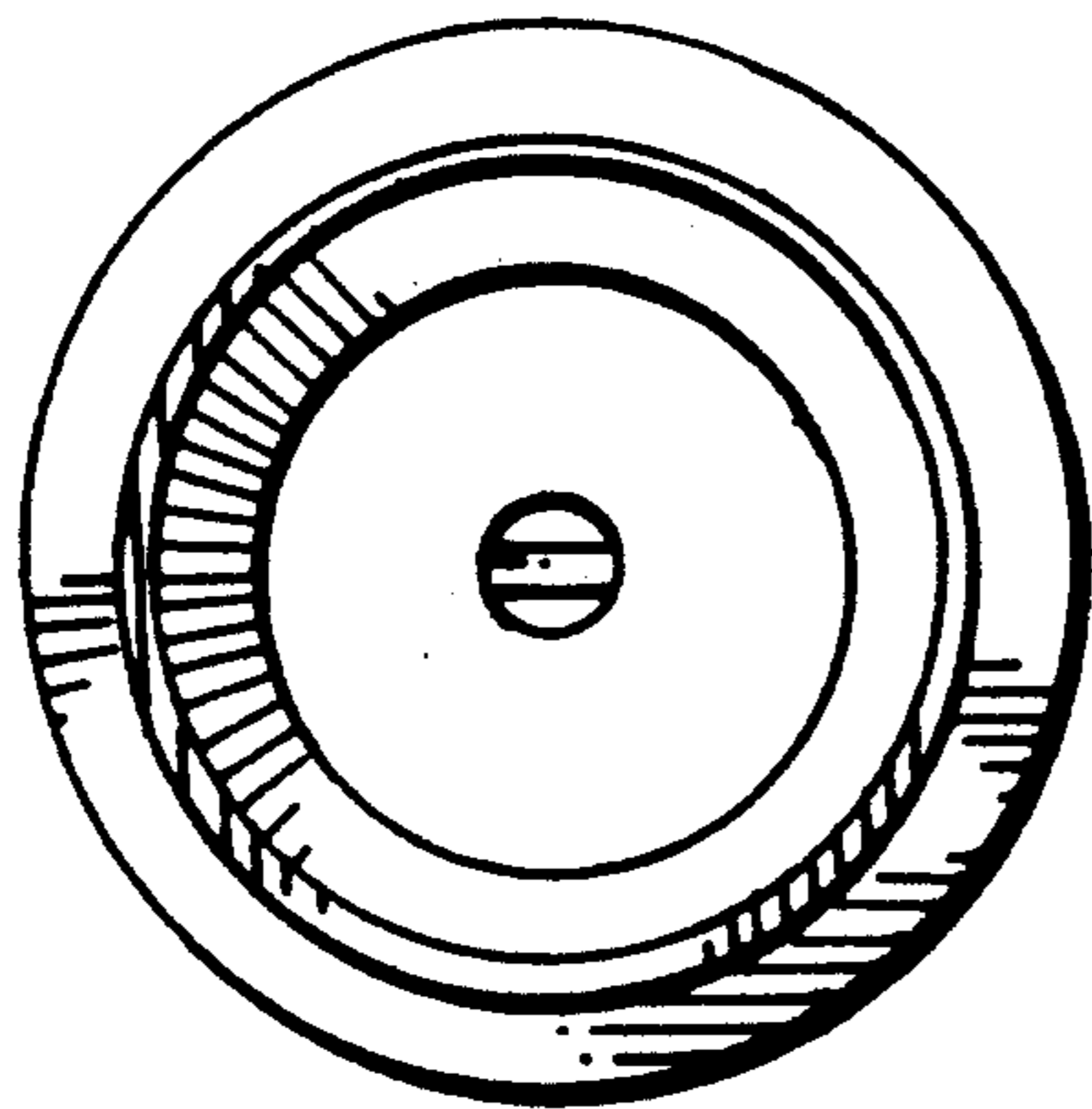


FIG. 11

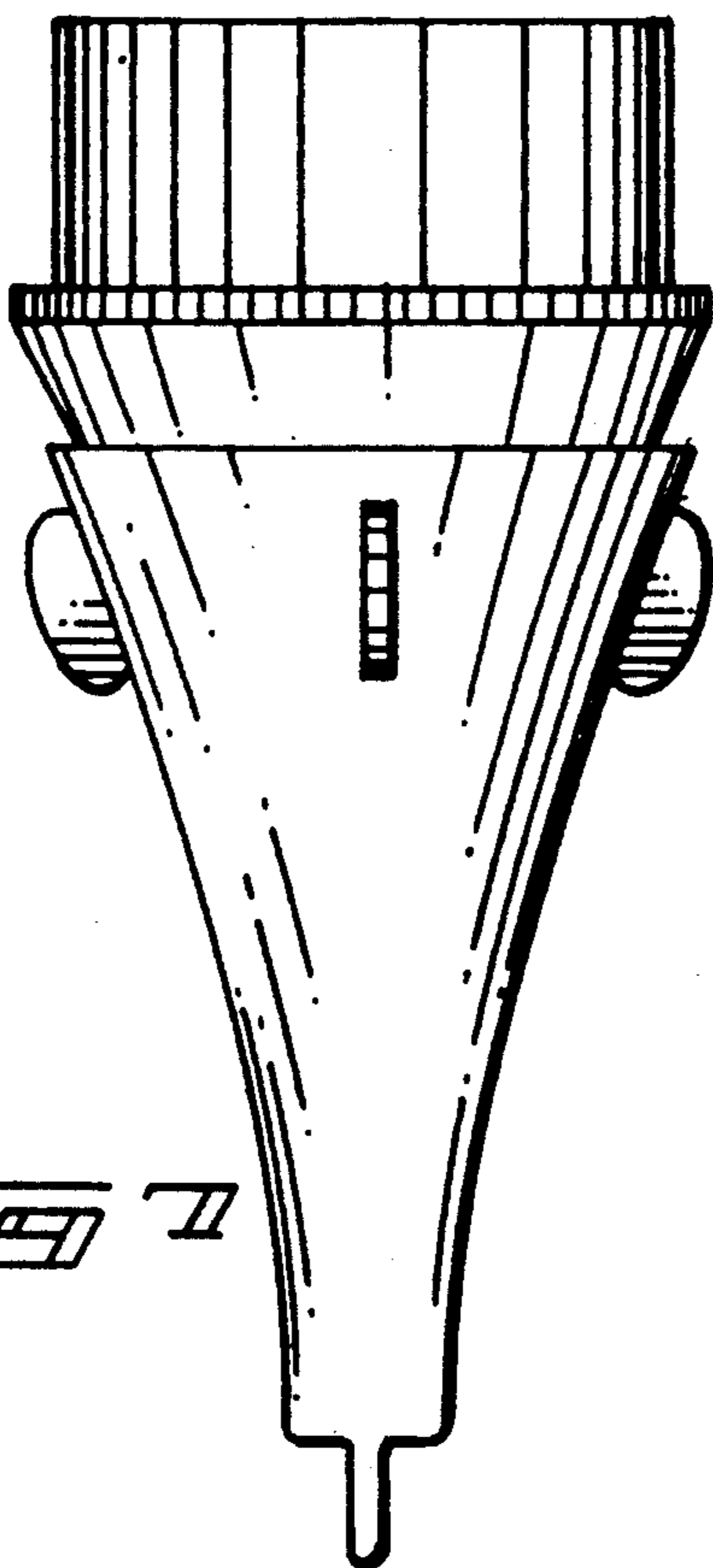


FIG. 12

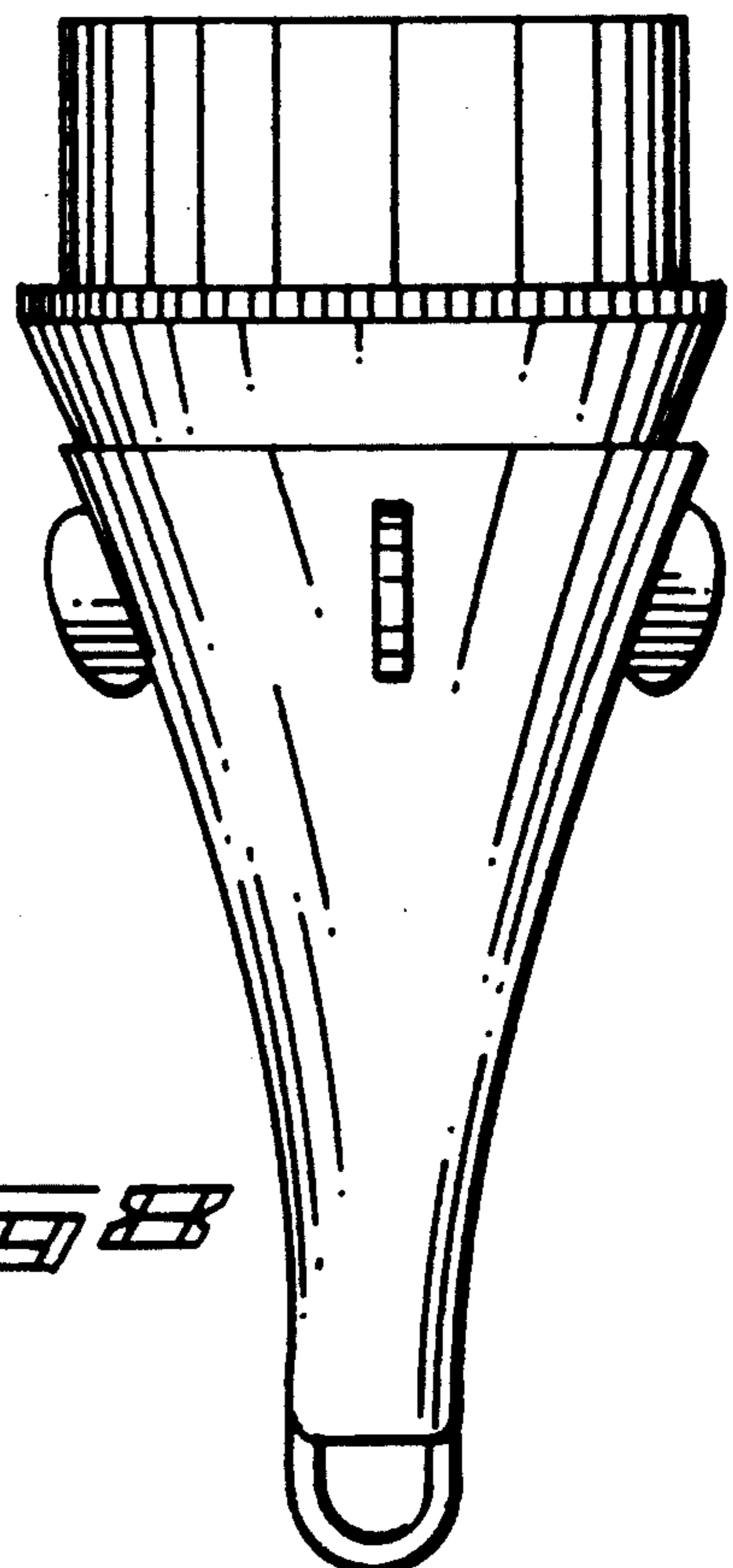


FIG. 13

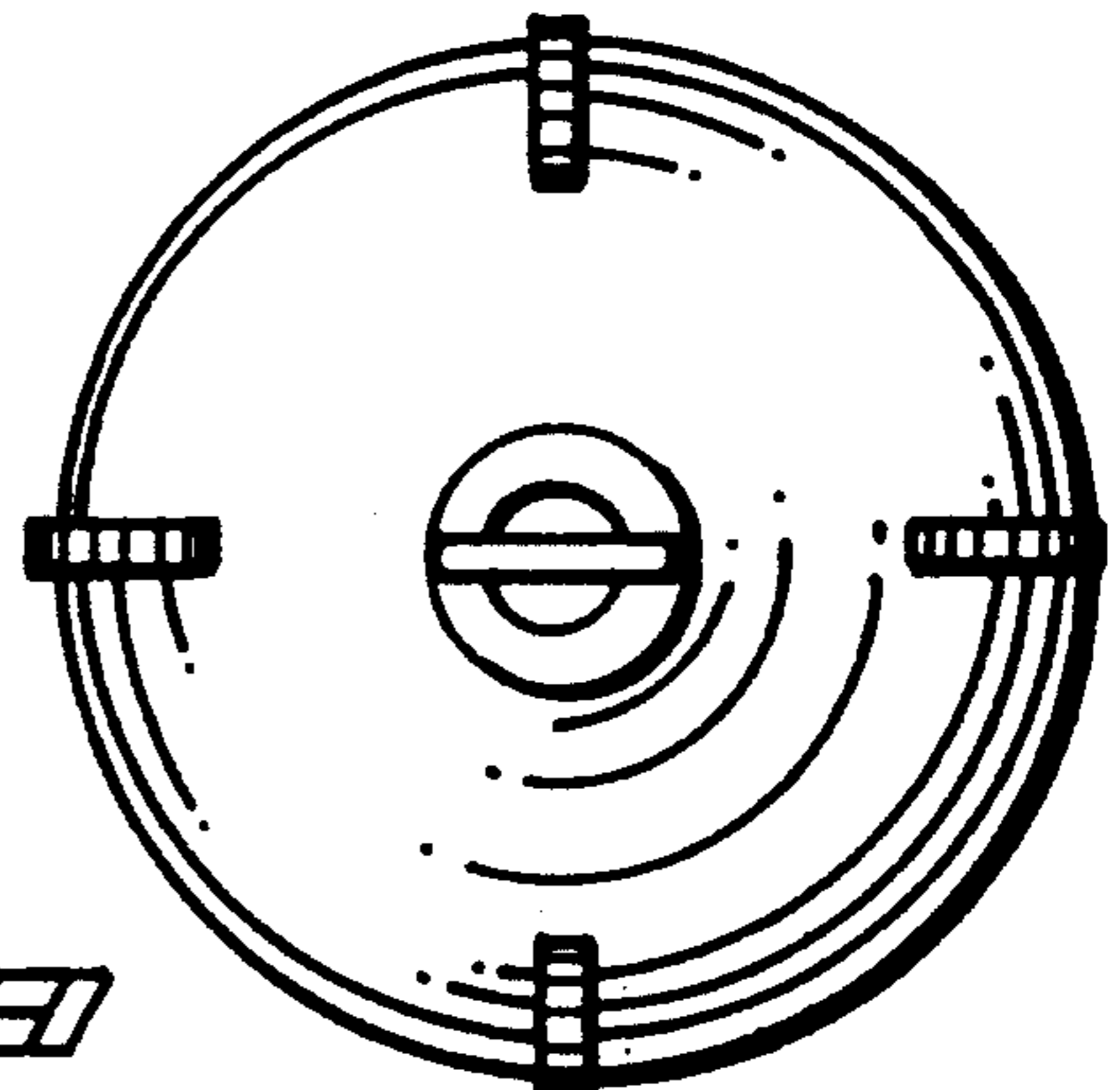


FIG. 14