



US00D388352S

**United States Patent** [19]  
**Repp et al.**

[11] **Patent Number: Des. 388,352**  
[45] **Date of Patent: \*\*Dec. 30, 1997**

[54] **SMOKE DETECTOR**

[75] **Inventors: Timothy C. Repp, New Hartford, Conn.; Wayne Nelson, Maynard, Mass.; Lawrence G. Stanley, Templeton, Mass.; Charles Winterble, Princeton, Mass.**

[73] **Assignee: Simplex Time Recorder Company, Gardner, Mass.**

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

[21] **Appl. No.: 65,600**

[22] **Filed: Jan. 30, 1997**

**Related U.S. Application Data**

[62] **Division of Ser. No. 48,281, Dec. 22, 1995.**

[51] **LOC (6) Cl. .... 10-05**

[52] **U.S. Cl. .... D10/106**

[58] **Field of Search .... D10/104, 106, D10/116, 121; 340/540, 541, 542, 545, 546, 547, 552, 565, 566, 568, 576, 628, 629, 630, 632**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 204,916	5/1966	Blevins .....	D71/1
D. 215,039	8/1969	Nagao .....	D72/1
D. 215,040	8/1969	Nagao .....	D72/1
D. 226,539	3/1973	Fearsall .....	D72/1
D. 235,629	7/1975	Steele et al. ....	D10/106
D. 235,857	7/1975	Hart .....	D10/106
D. 238,057	12/1975	Pearsall et al. ....	D10/106
D. 241,824	10/1976	Mackay .....	D10/106
D. 244,362	5/1977	Mayer .....	D10/106
D. 247,164	2/1978	Lowell .....	D10/106
D. 253,525	11/1979	Wilson .....	D10/106
D. 269,161	5/1983	Fenne .....	D10/106
D. 269,331	6/1983	Fenne .....	D10/106
D. 271,287	11/1983	Fenne .....	D10/106
D. 275,187	8/1984	Skarman .....	D10/104
D. 276,417	11/1984	Fenne .....	D10/106
D. 279,872	7/1985	Thornton, Jr. et al. ....	D10/106
D. 283,407	4/1986	Fenne .....	D10/104

D. 308,836	6/1990	Fenne .....	D10/106
D. 316,828	5/1991	Amemiya et al. ....	D10/104
D. 318,437	7/1991	Kojima et al. ....	D10/104
D. 319,798	9/1991	Hatano .....	D10/104
D. 332,231	1/1993	Akimoto et al. ....	D10/104
D. 339,078	9/1993	Behlke .....	D10/104
D. 339,756	9/1993	Igarashi et al. ....	D10/104
D. 339,998	10/1993	Igarashi et al. ....	D10/104
D. 340,201	10/1993	Fenne et al. ....	D10/104
D. 340,416	10/1993	Fenne .....	D10/104
D. 340,659	10/1993	Fenne .....	D10/104
D. 342,213	12/1993	Fellmann .....	D10/104
D. 355,386	2/1995	Fellmann .....	D10/104
D. 355,862	2/1995	Tice et al. ....	D10/104
D. 357,202	4/1995	Ozawa .....	D10/104
D. 357,203	4/1995	Ozawa .....	D10/104
D. 358,109	5/1995	Ozawa .....	D10/106
D. 359,701	6/1995	Fischette et al. ....	D10/106
D. 361,732	8/1995	Fischette et al. ....	D10/104
D. 377,460	1/1997	Nelson et al. ....	D10/106
5,568,133	10/1996	Durrer et al. ....	340/693

**OTHER PUBLICATIONS**

Simplex Time Recorder Company, Pamphlet, "TrueAlarm Fire Alarm Systems," Publication S4098-0003-8, 4 pp., Jan., 1995.

Simplex Time Recorder Company, Pamphlet, "Multi-Application Peripherals and Accessories," Publication S4098-0007-4, 4 pp., Apr. 1995.

Simplex Time Recorder Company, Leaflet, "Multi-Application Peripherals and Accessories," Publication S2098-0048-9, 1 p., Mar. 1995.

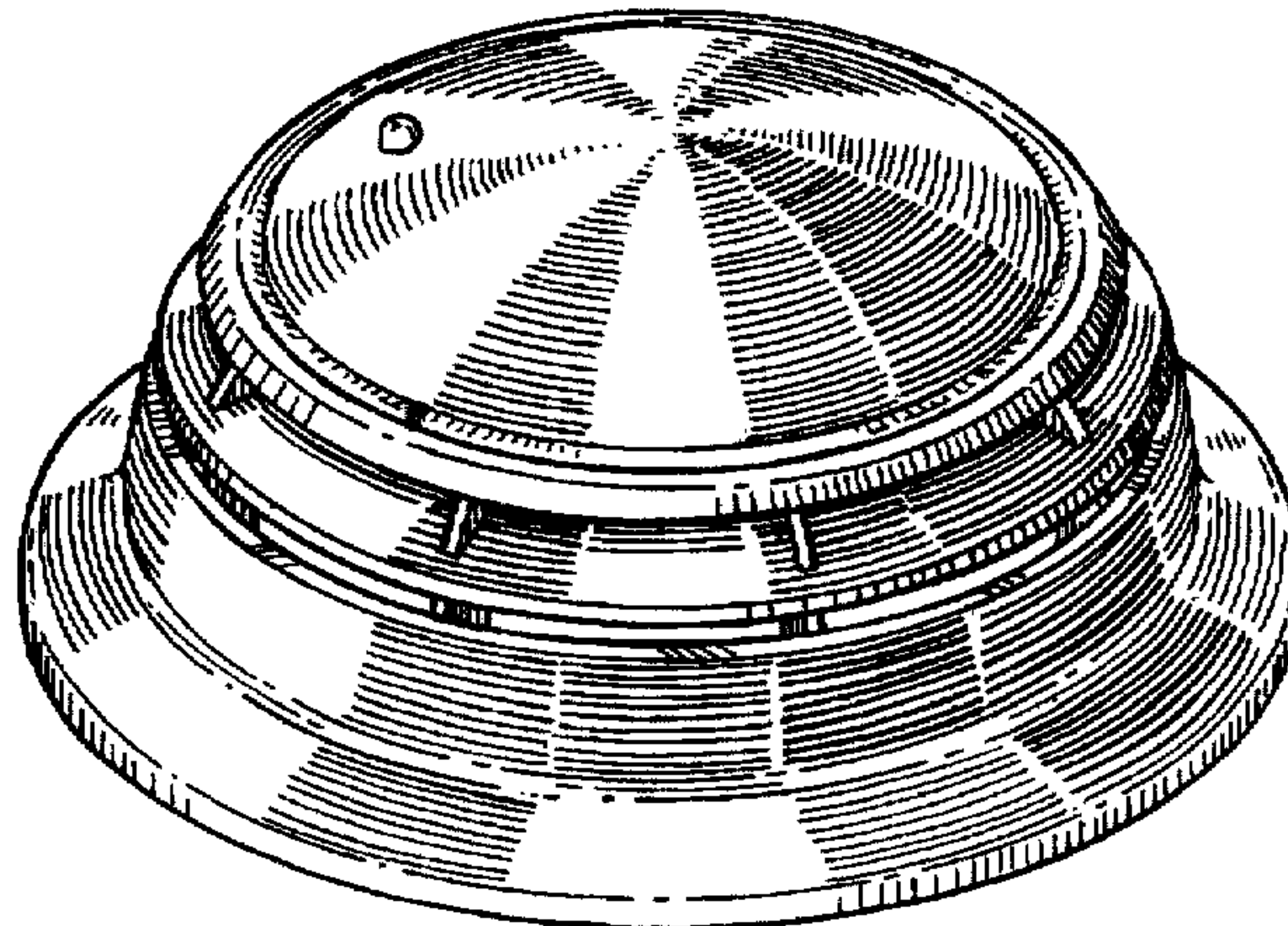
Simplex Time Recorder Company, Leaflet, "Multi-Application Peripherals and Accessories," Publication S2098-0049-6, 1 p., Feb., 1994.

Simplex Time Recorder Company, Leaflet, "Multi-Application Peripherals and Accessories," Publication S2098-0056-2, 1 p., Jun., 1994.

Simplex Time Recorder Company, Leaflet, "Multi-Application Peripherals and Accessories," Publication S2098-0055-4, 1 p., Feb., 1994.

*Primary Examiner*—Marcus A. Jackson

*Attorney, Agent, or Firm*—Hamilton, Brook, Smith & Reynolds, P.C.



[57]

**CLAIM**

The new and ornamental design for a smoke detector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a smoke detector illustrating an embodiment of our new design;

FIG. 2 is a plan view of the embodiment of FIG. 1;

FIG. 3 is a side view of the embodiment of FIG. 1, the opposite side view being a mirror image thereof;

FIG. 4 is a perspective view of a smoke detector illustrating a second embodiment of our new design;

FIG. 5 is a plan view of the embodiment of FIG. 4; and,

FIG. 6 is a side view of the embodiment of FIG. 4, the opposite side view being a mirror image thereof.

Front and rear elevations have not been illustrated as the smoke detector is circular such that all side views are substantially the same. The bottoms of the detectors have not been illustrated as they are non-ornamental and not part of the design.

**1 Claim, 4 Drawing Sheets**



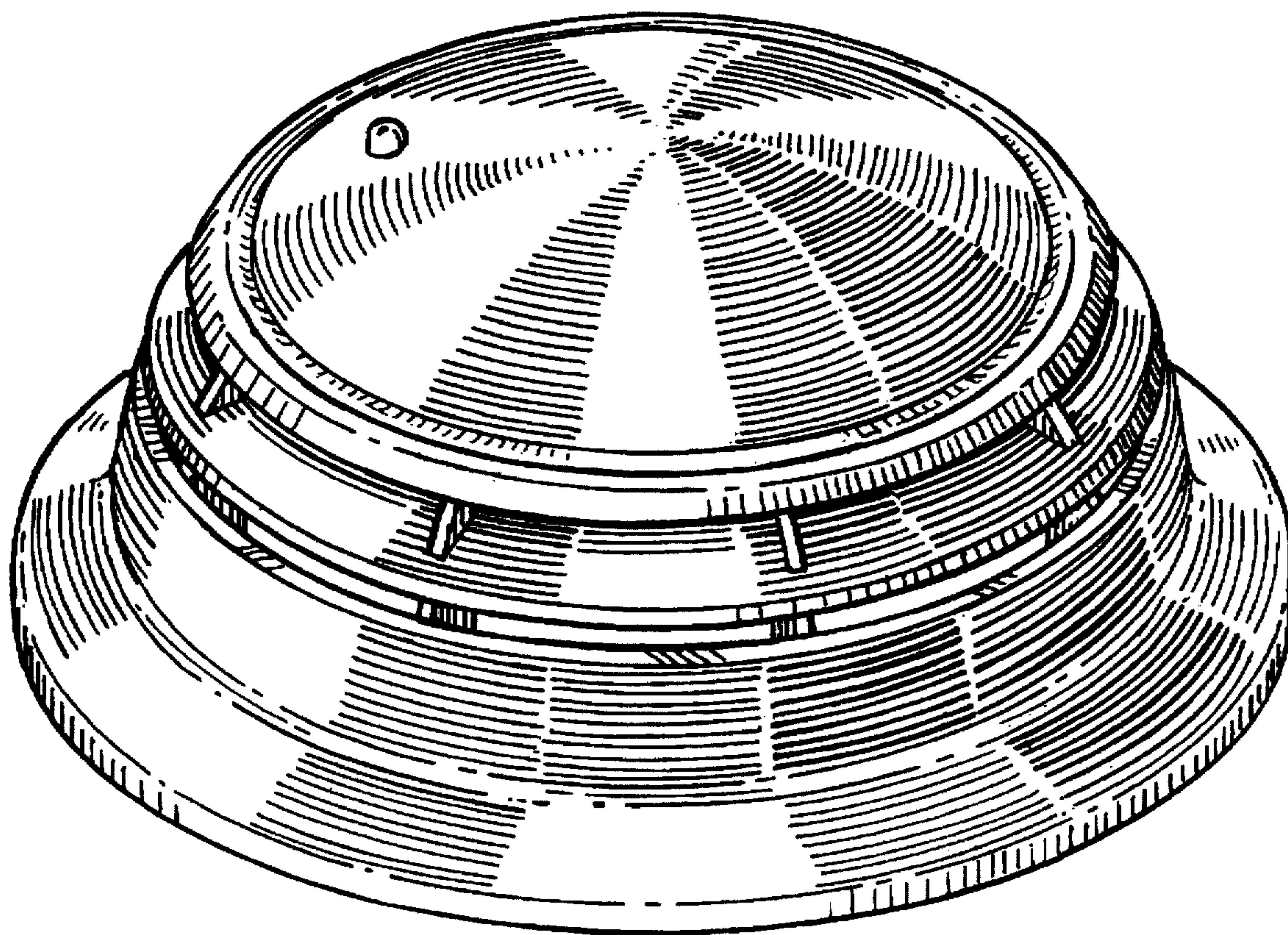


FIG. 1

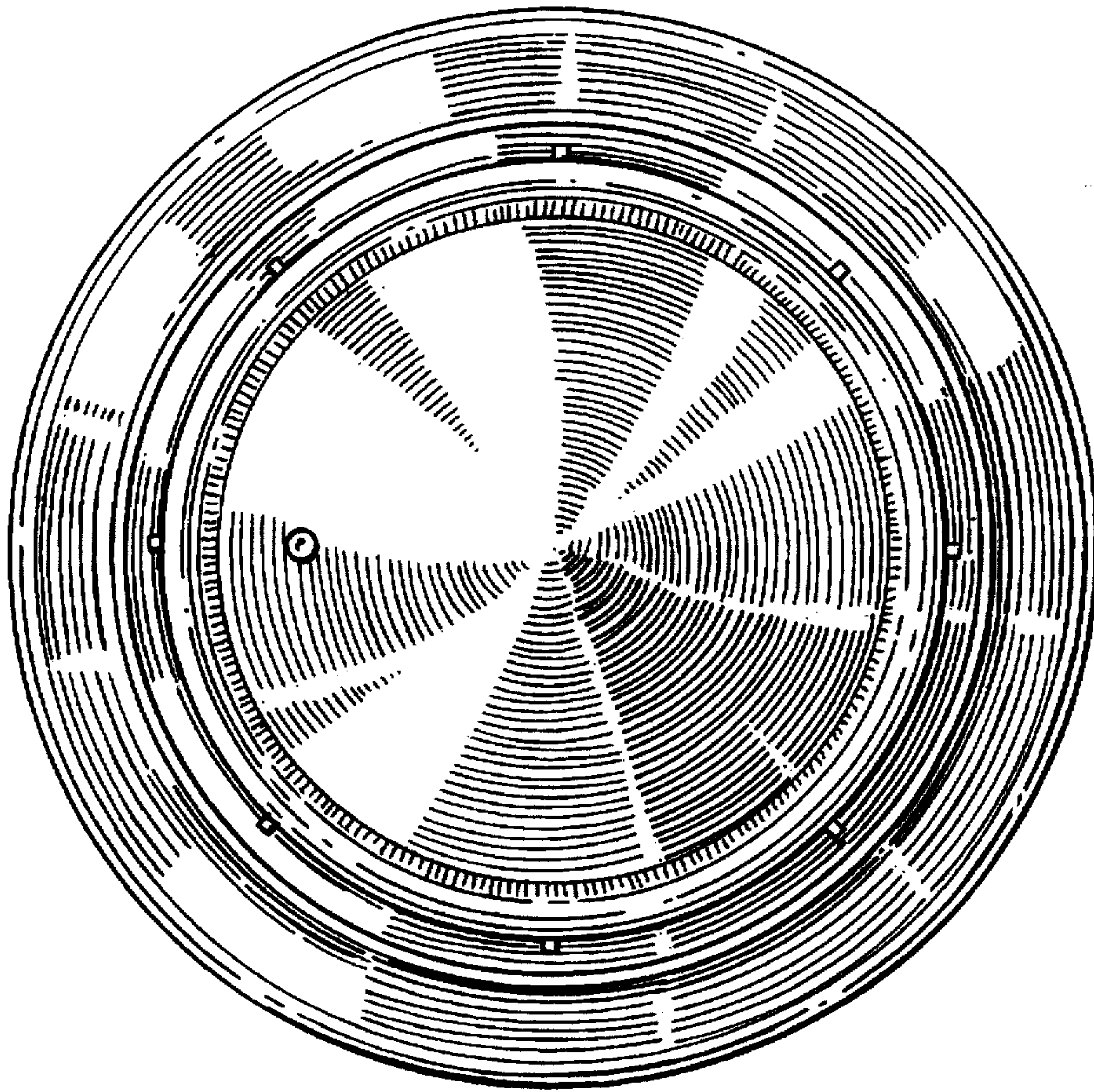


FIG. 2

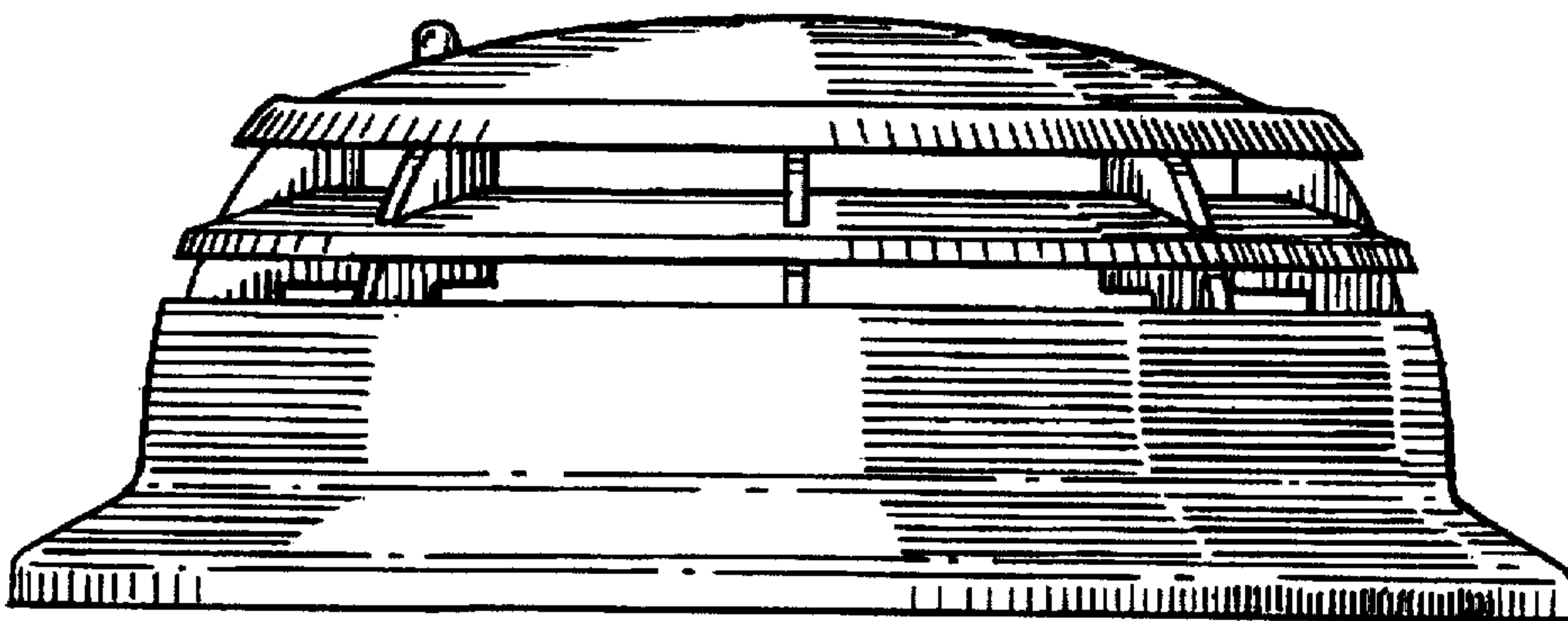


FIG. 3



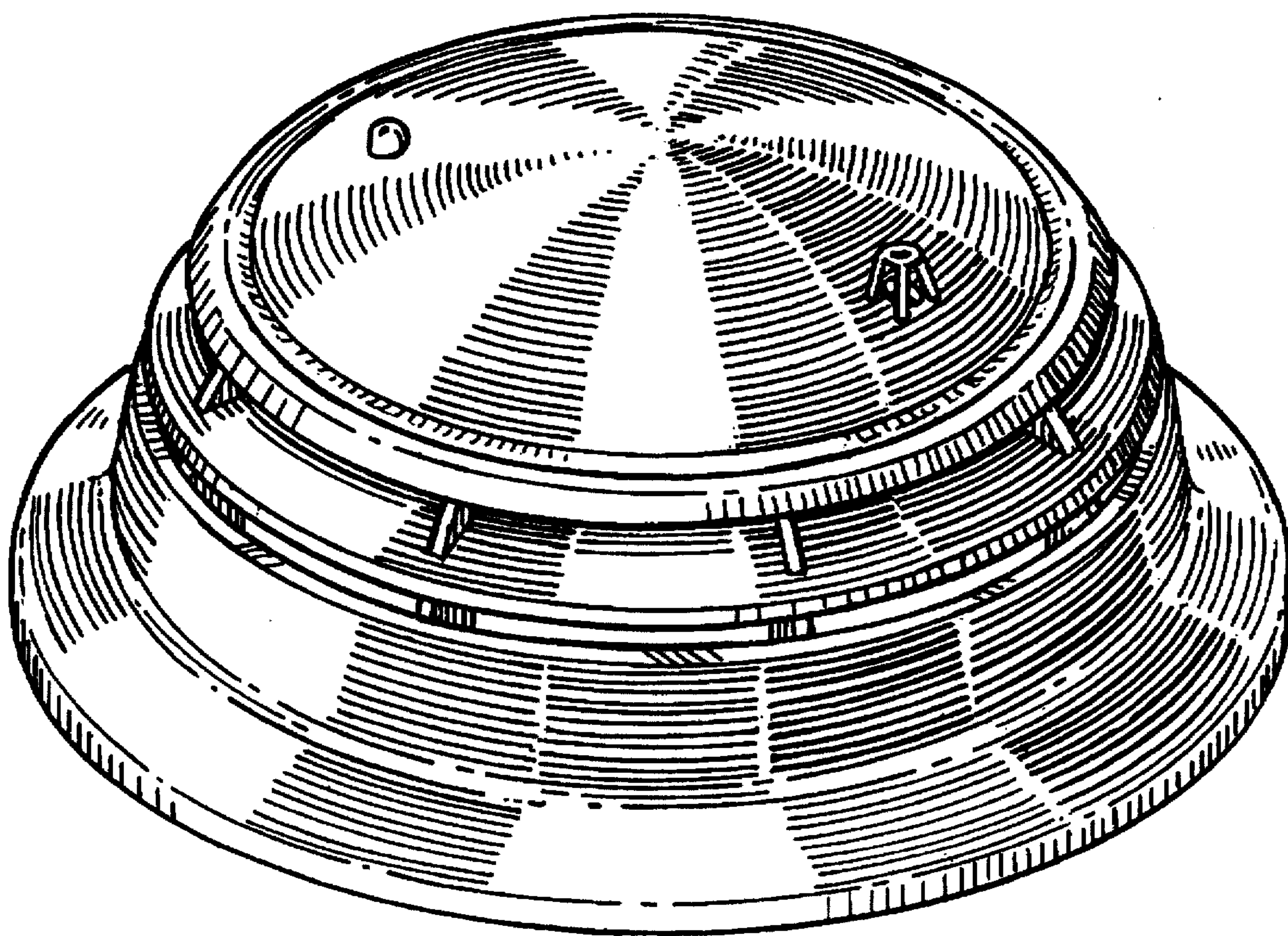


FIG. 4

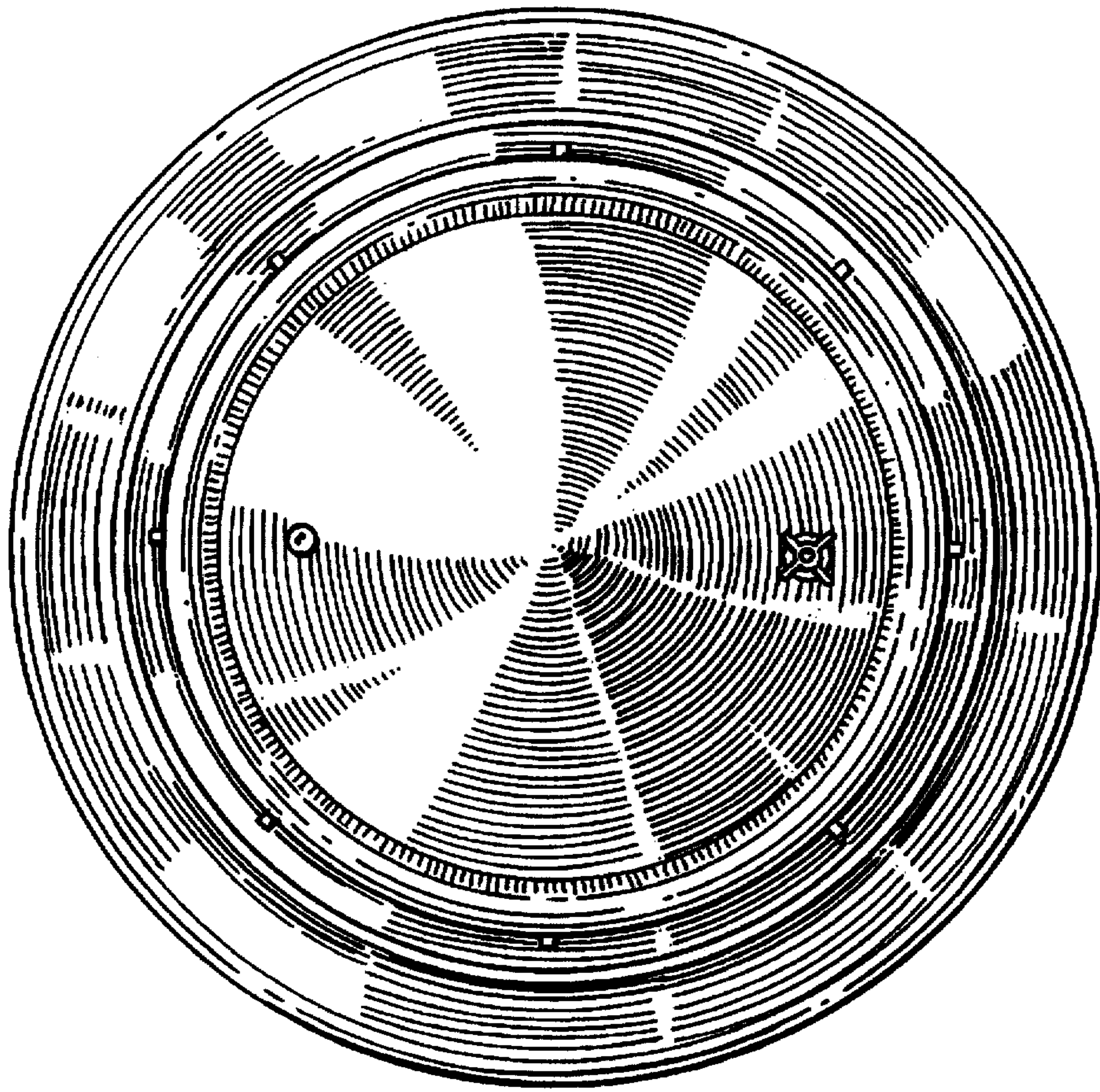


FIG. 5

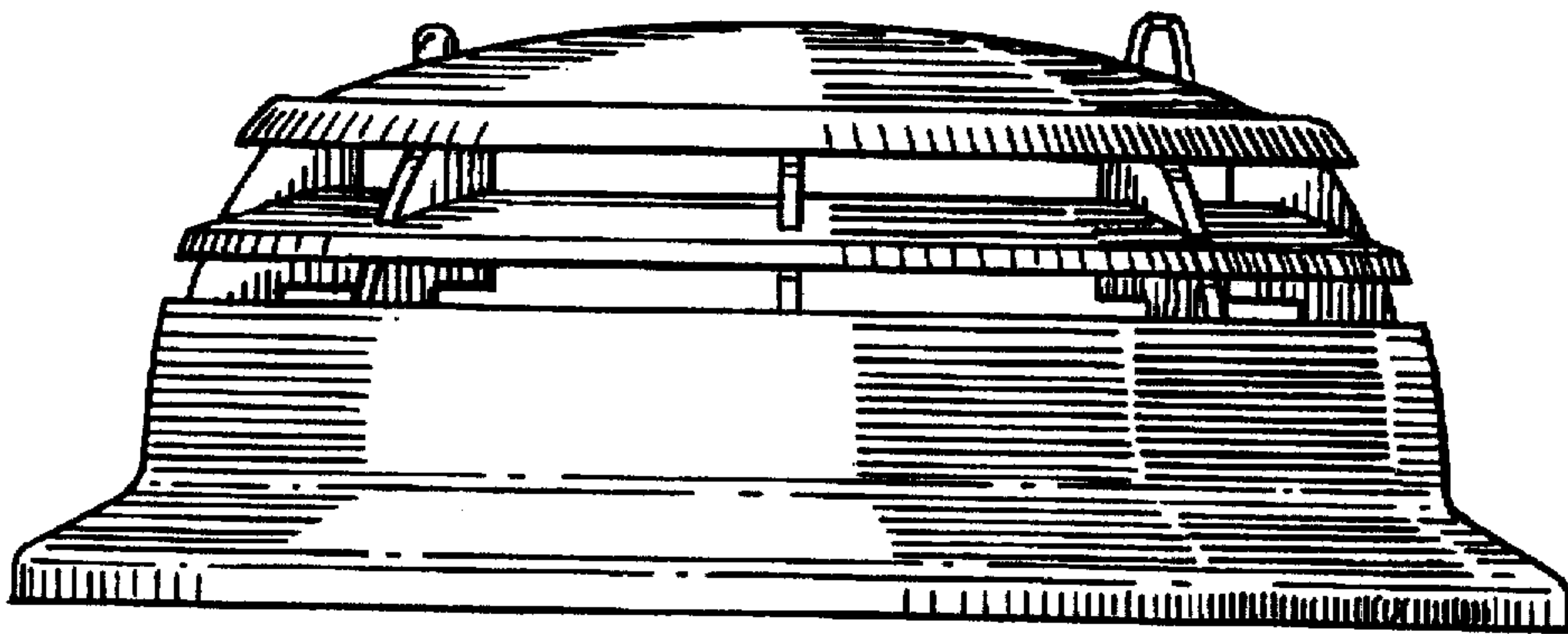


FIG. 6