



US00D446741B1

(12) **United States Design Patent**  
**Johnson et al.**

(10) **Patent No.:** **US D446,741 S**

(45) **Date of Patent:** **\*\* Aug. 21, 2001**

(54) **DETECTOR**

(75) Inventors: **Dale H. Johnson**, Elgin; **Thomas Young**, South Elgin; **Michael D. Berg**, Carol Stream, all of IL (US)

(73) Assignee: **Pittway Corporation**, Chicago, IL (US)

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

(21) Appl. No.: **29/128,611**

(22) Filed: **Aug. 28, 2000**

(51) **LOC (7) Cl.** ..... **10-05**

(52) **U.S. Cl.** ..... **D10/106**

(58) **Field of Search** ..... D10/104, 106,  
D10/116, 121; 340/571, 572, 573, 577,  
578, 628, 629, 630

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 249,481 9/1978 Conforti et al. .
- D. 249,482 9/1978 Conforti et al. .
- D. 249,483 9/1978 Conforti et al. .
- D. 258,353 2/1981 Mango et al. .
- D. 261,997 11/1981 Westphal .
- D. 262,868 2/1982 Westphal .
- D. 262,952 2/1982 Hanig .
- D. 271,287 11/1983 Fenne .
- D. 276,417 11/1984 Fenne .
- D. 283,407 4/1986 Fenne .
- D. 284,748 7/1986 Fenne .
- D. 308,835 6/1990 Fenne .
- D. 308,836 6/1990 Fenne .
- D. 346,981 5/1994 Ratzlaff .
- D. 355,862 2/1995 Tice et al. .
- D. 356,050 3/1995 Tice et al. .
- D. 371,086 6/1996 Collins .
- D. 377,460 1/1997 Nelson et al. .
- D. 382,217 8/1997 Akiyama et al. .
- D. 382,825 8/1997 Amleshi .
- D. 388,352 \* 12/1997 Repp et al. .... D10/106
- D. 391,185 2/1998 Tomizawa .
- D. 396,820 8/1998 Wallace .
- D. 399,157 10/1998 Hsu et al. .

- D. 412,676 8/1999 Layes .
- D. 433,953 11/2000 Woznicki et al. .
- D. 435,800 \* 1/2001 Higashi et al. .... D10/106
- 5,448,462 9/1995 Moran, III .

**FOREIGN PATENT DOCUMENTS**

- 70719 6/1992 (CA) .
- 26724/203 10/1964 (GB) .

**OTHER PUBLICATIONS**

- System Sensor, Model 18002—Wire Systems Detectors, 2 pg. brochure, May 1988.
- System Sensor, 400 Serial Next Generation Detectors, 2 pg. brochure, 1991.
- System Sensor, 4451E/5451E2 Plug-In Thermal Detectors; 2 pg. brochure, Jun., 1992.

(List continued on next page.)

*Primary Examiner*—Marcus A. Jackson  
(74) *Attorney, Agent, or Firm*—Rockey, Milnamow & Katz, Ltd.

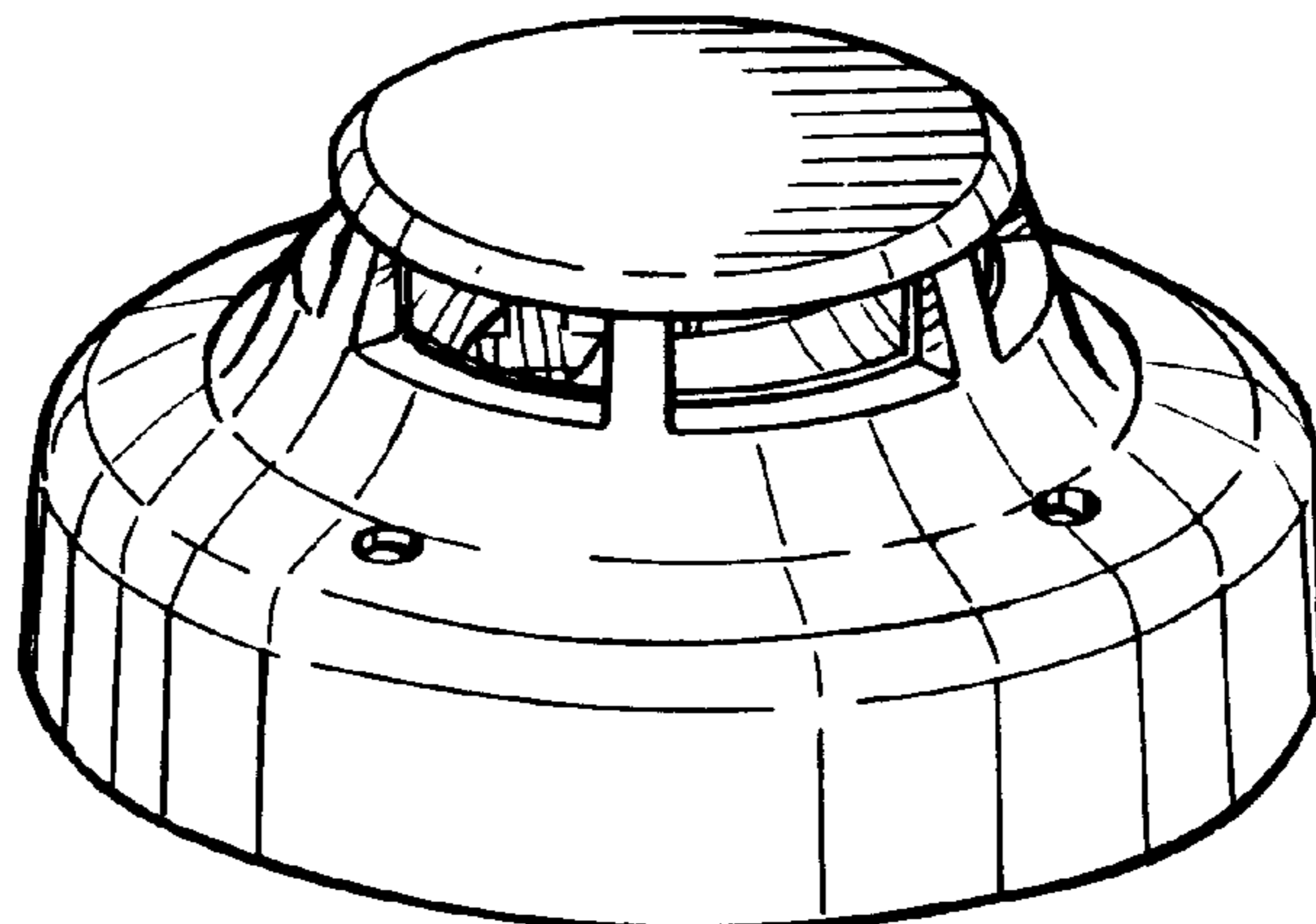
(57) **CLAIM**

The ornamental Design for a detector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a design for a detector in accordance with the present invention;  
FIG. 2 is a side elevational view of the detector of FIG. 1, with the opposite sides being a mirror image thereof;  
FIG. 3 is a top plan view of the detector of FIG. 1;  
FIG. 4 is a perspective view of an alternate embodiment of the design of the detector in accordance with the present invention;  
FIG. 5 is a side elevational view of the detector of FIG. 4, with the opposite sides being a mirror image thereof; and,  
FIG. 6 is a top plan view of the detector of FIG. 4.  
The bottom of the respective detectors has not been illustrated. It is unadorned and is not part of the present invention.

**1 Claim, 2 Drawing Sheets**



**OTHER PUBLICATIONS**

System Sensor, 400 Series Ionization Smoke Detectors; 2 pg. brochure, Oct. 1991.

System Sensor, 2851 Series 2/4/6-Wire systems Detectors, 2 pg. brochure, Oct. 1988.

System Sensor, 5551B Intelligent Fixed Temperature Thermal Sensor With Integral Communications, 2 pg. brochure, 1991.

System Sensor, 400 Series Plug-In Smoke Detectors, 4 pg. brochure, Jul. 1992.

Nittan Model 2KH advertisement, believed to have been published in Jun. 1992.

Tann 5400 Series Smoke Detector, two information sheets, believed to have been published on or about Jun., 1992.

\* cited by examiner

FIG. 1

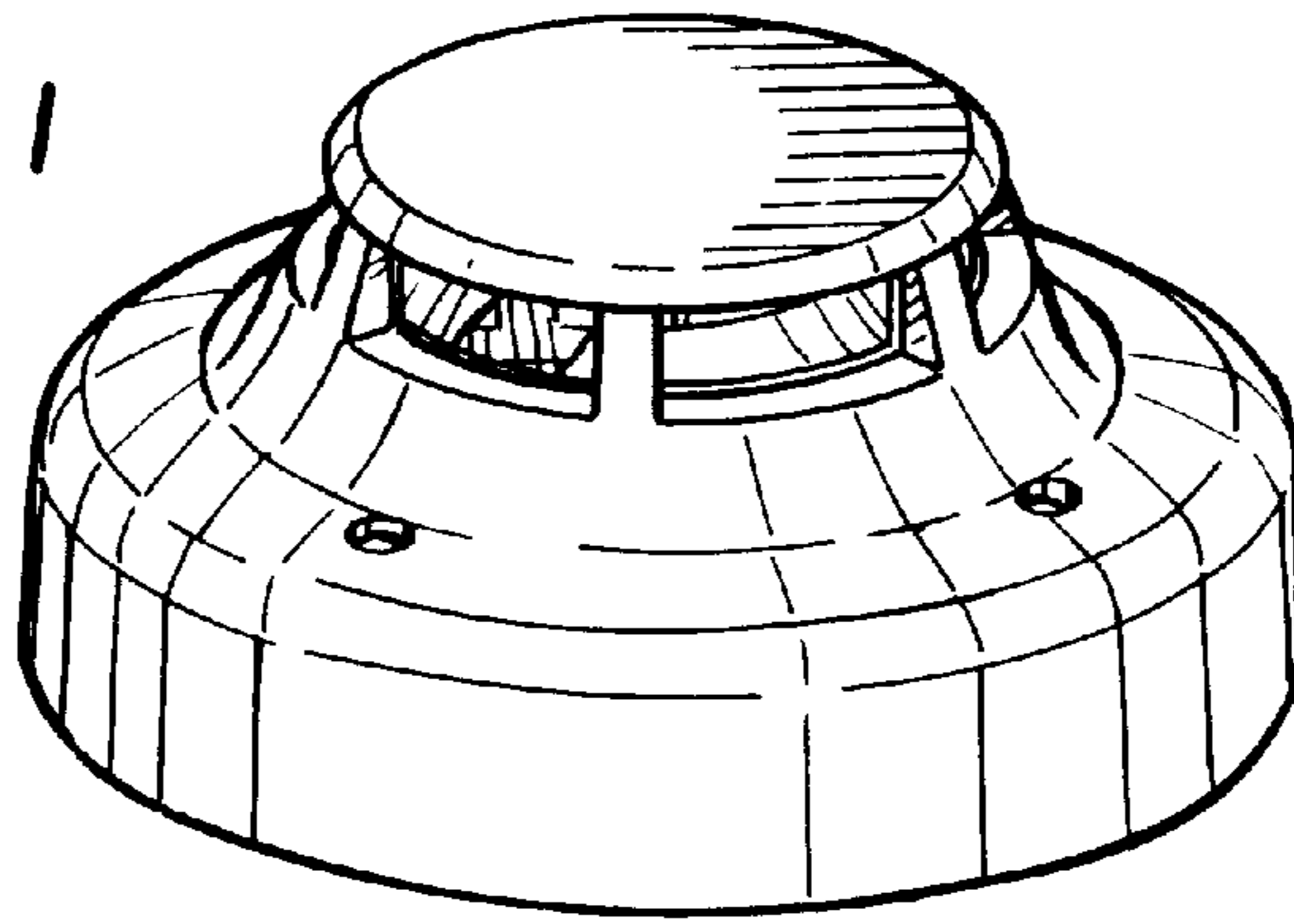


FIG. 3

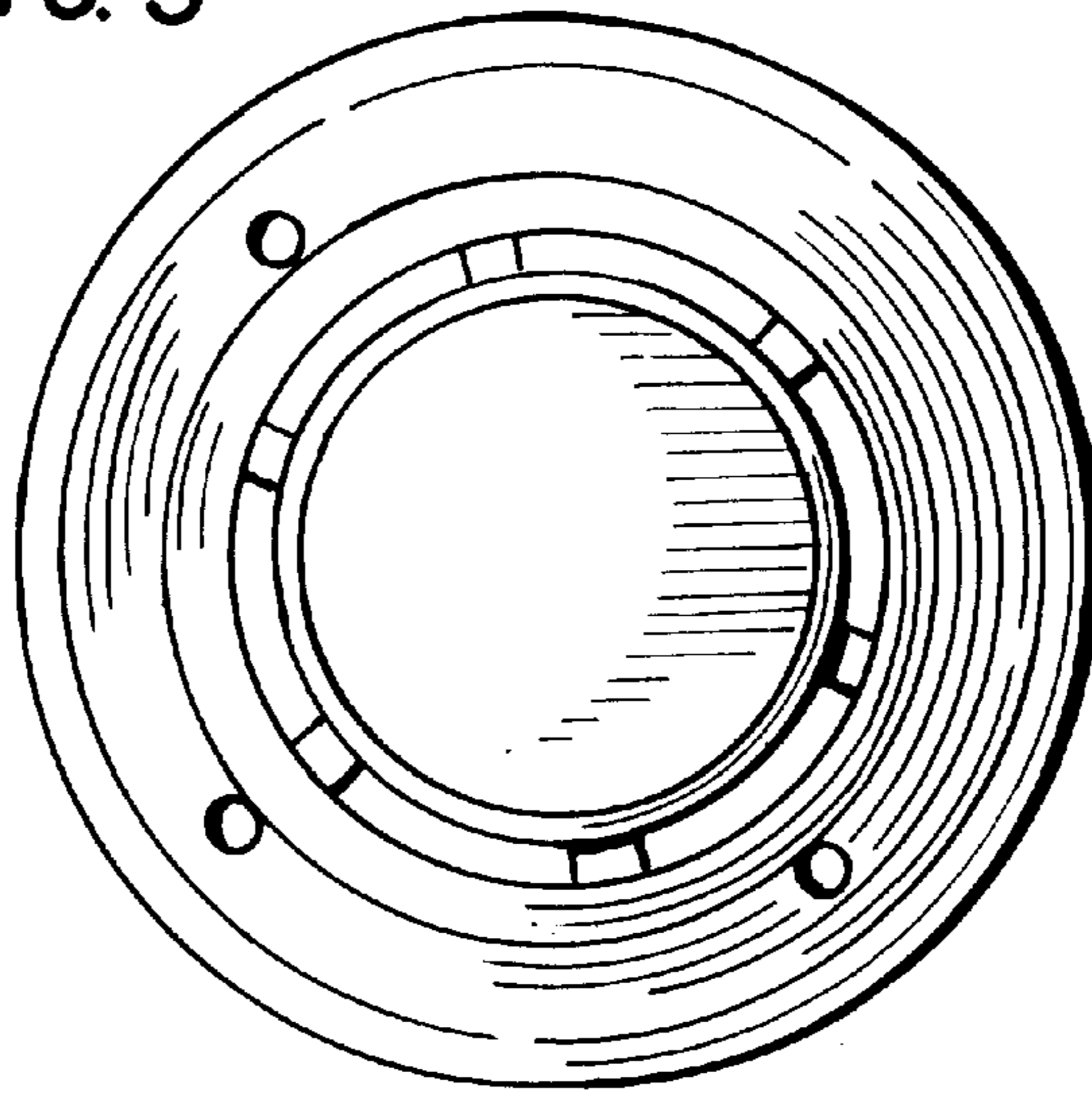


FIG. 2

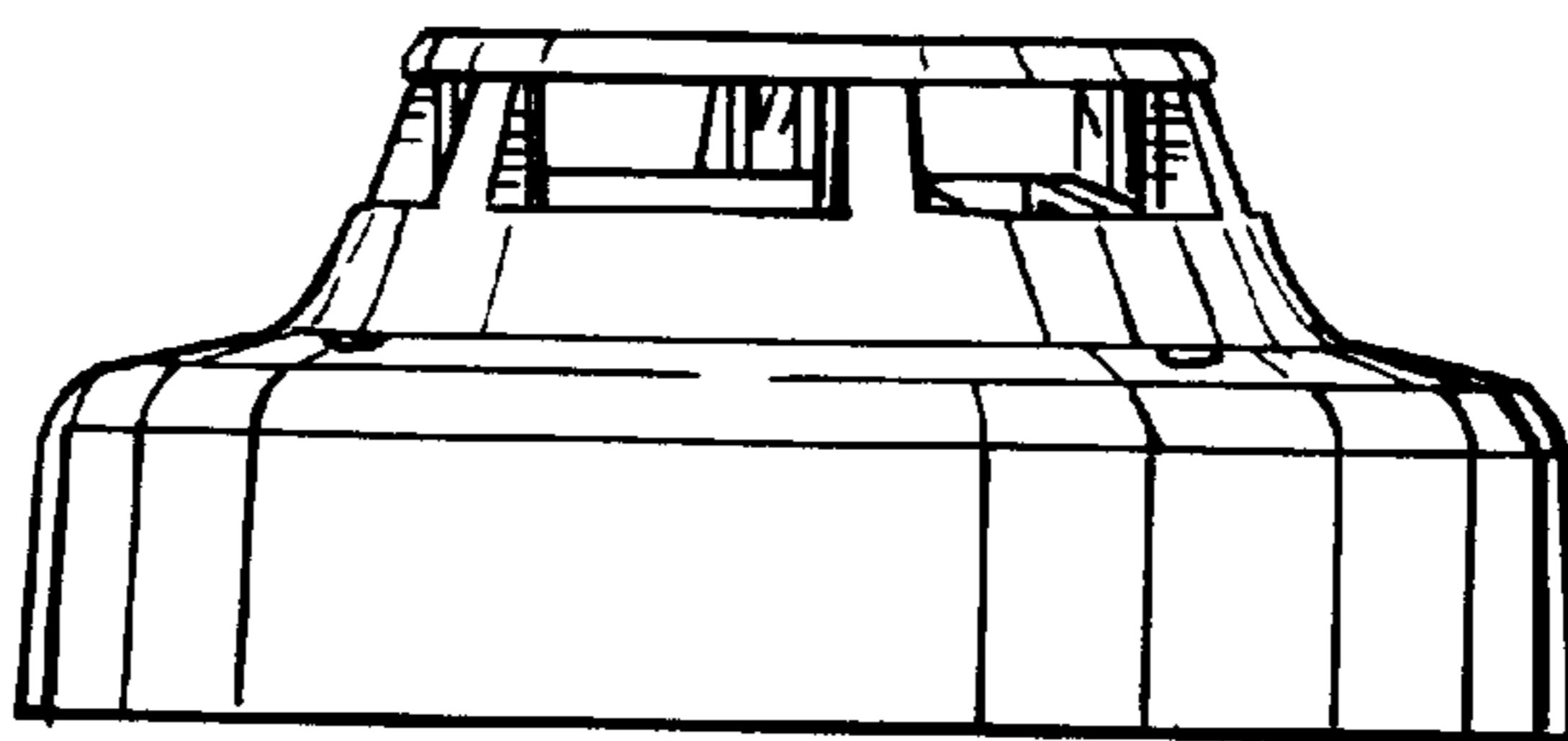


FIG. 4

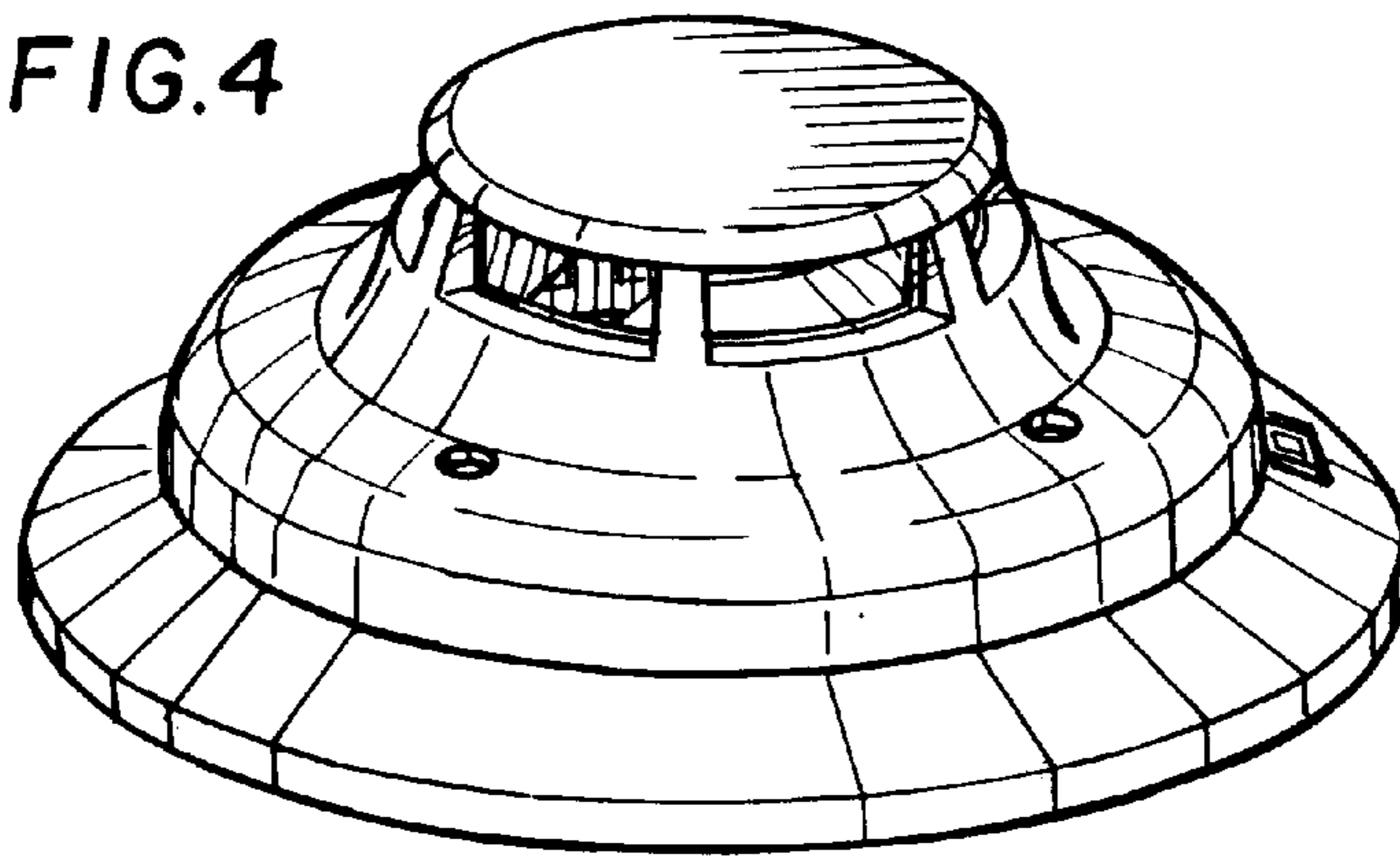


FIG. 6

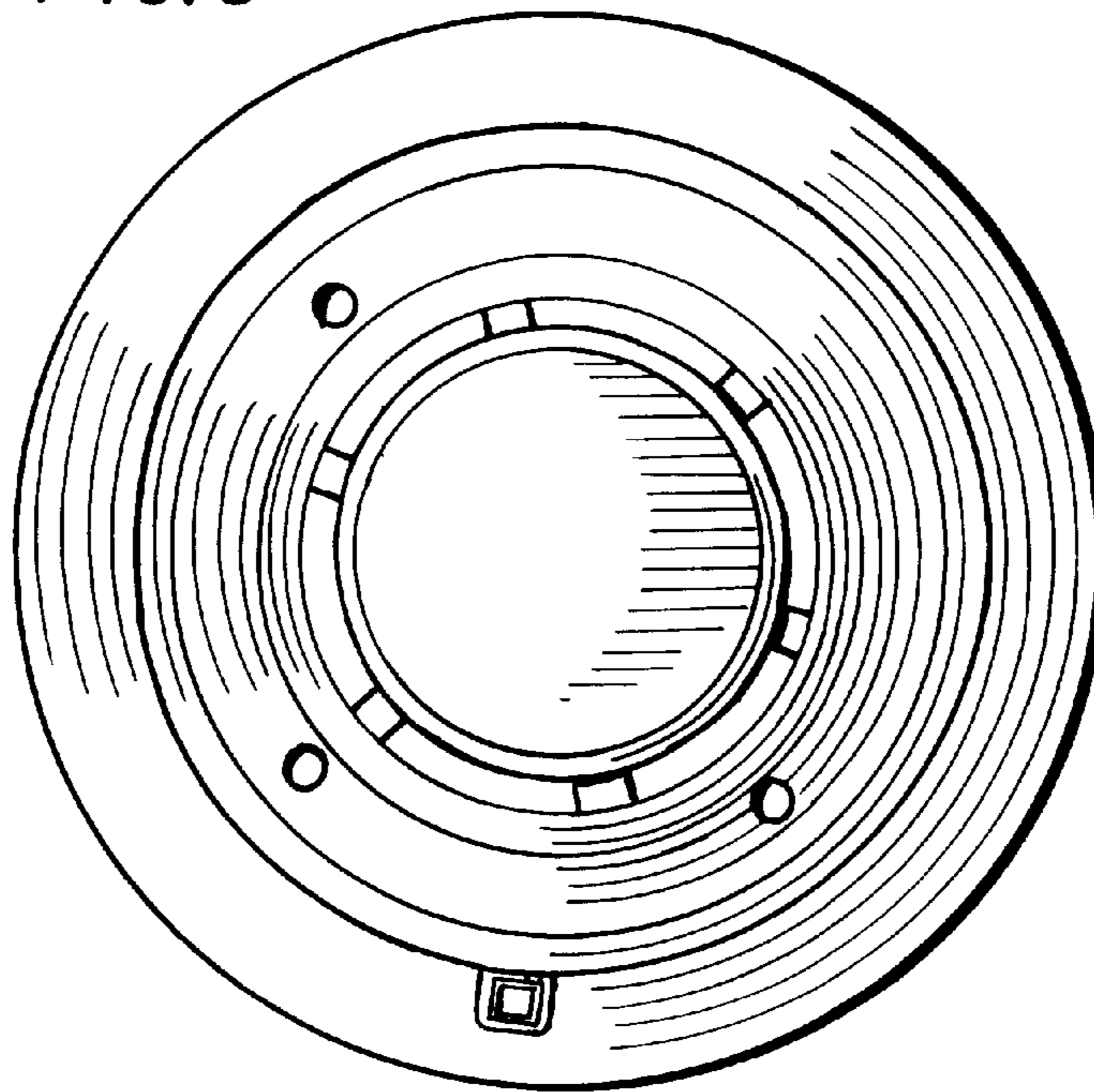


FIG. 5

