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(12) **United States Design Patent** (10) **Patent No.:** **US D773,331 S**  
**Wang** (45) **Date of Patent:** **\*\* Dec. 6, 2016**

(54) **MECHANICAL HEAT DETECTOR**

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**INC.,** Morristown, NJ (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/540,546**

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

(52) **U.S. Cl.**  
USPC ..... **D10/106.5**

(58) **Field of Classification Search**  
USPC ..... D10/104.1, 106.1-106.8; D16/203;  
340/571, 588, 628-630  
CPC ..... G08B 5/36; G08B 17/06; G08B 17/10;  
G08B 5/38  
See application file for complete search history.

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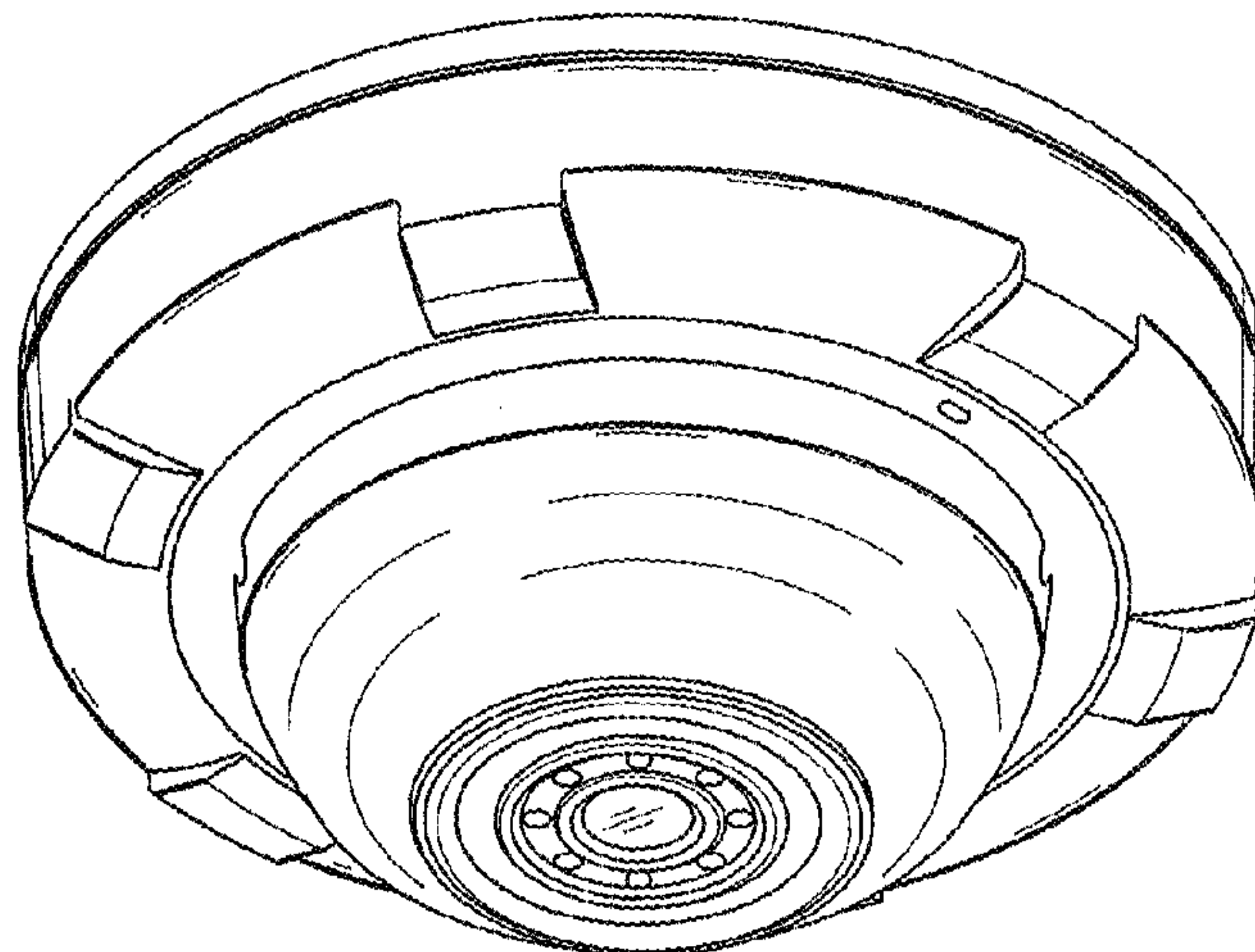
(57) **CLAIM**

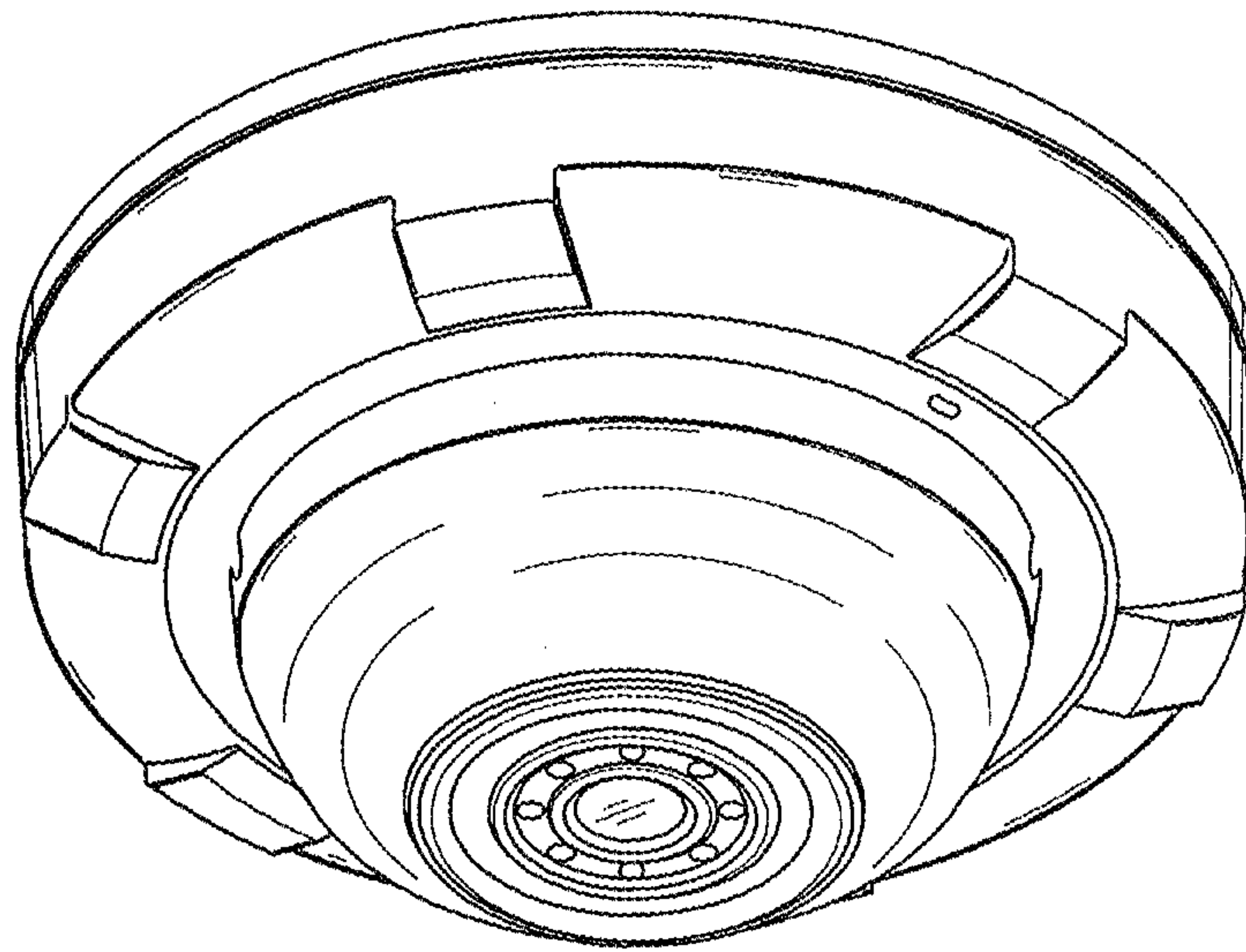
The ornamental design for a mechanical heat detector, as shown and described.

**DESCRIPTION**

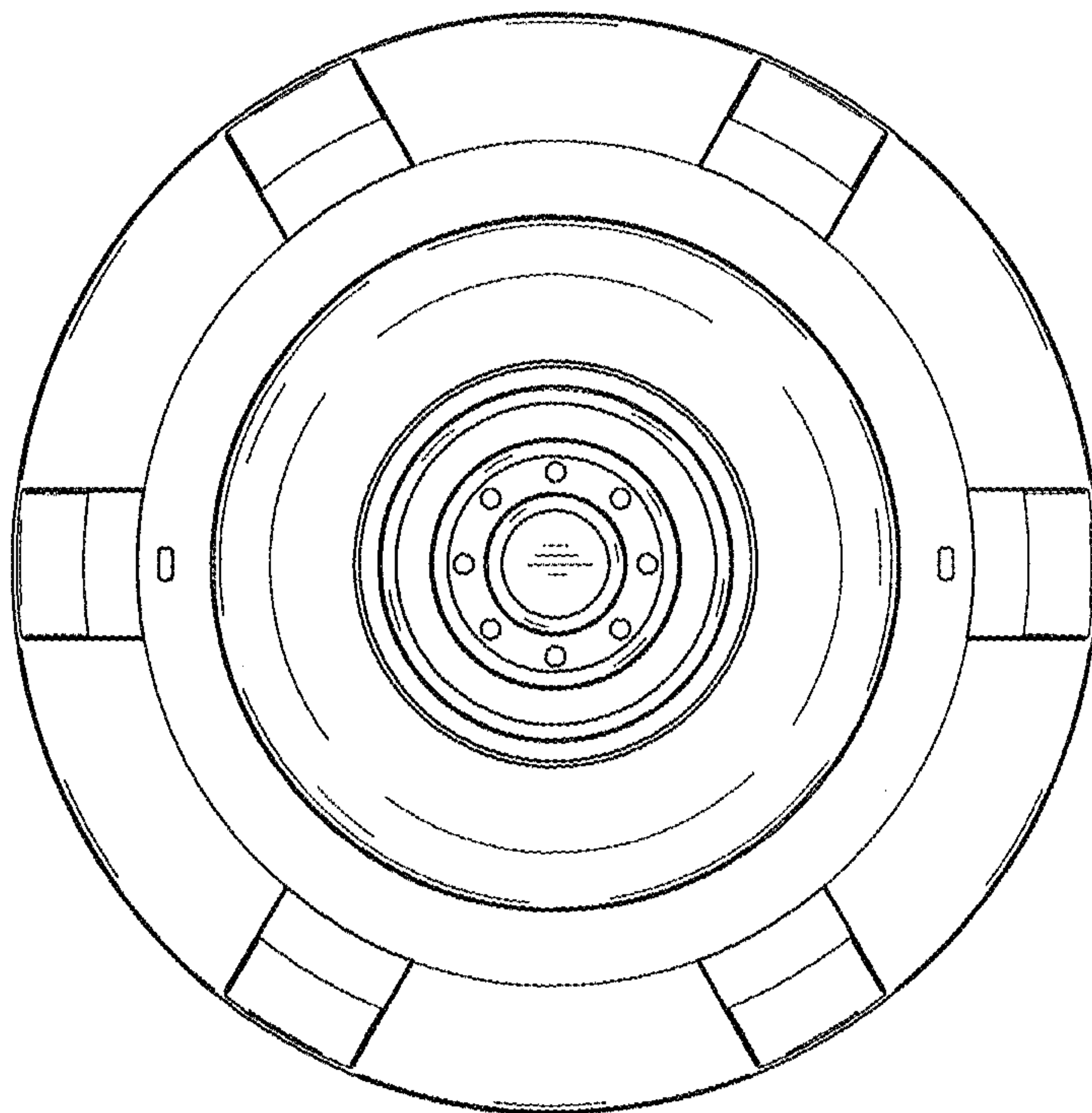
FIG. 1 is a perspective view of the mechanical heat detector. FIG. 2 is a front elevation view thereof. FIG. 3 is a first side elevation view thereof. FIG. 4 is a second side elevation view thereof. FIG. 5 is a top plan view thereof; and, FIG. 6 is a bottom plan view thereof. The rear view of the mechanical heat detector illustrated in FIGS. 1-6 is hereby disclaimed and forms no part of the claimed design.

**1 Claim, 4 Drawing Sheets**

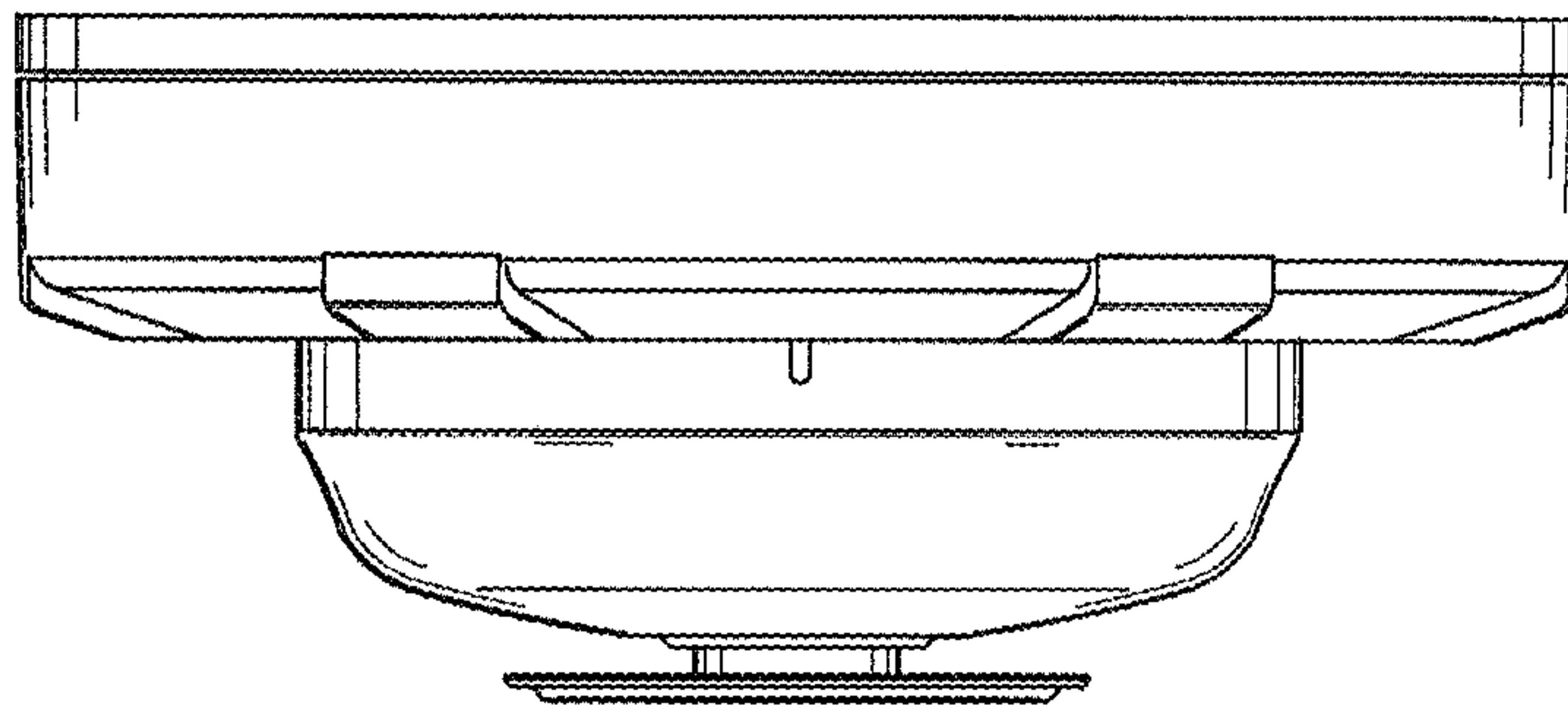




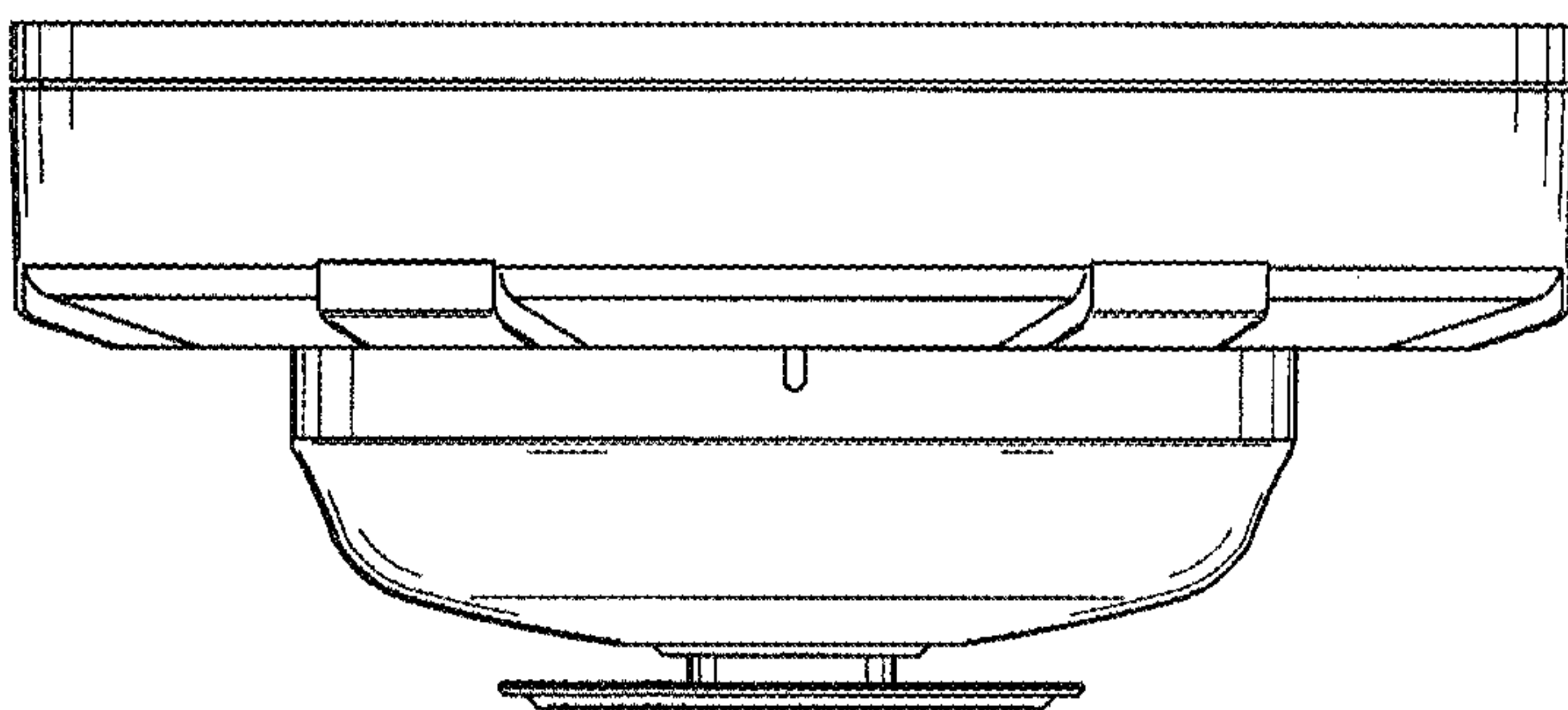
*FIG. 1*



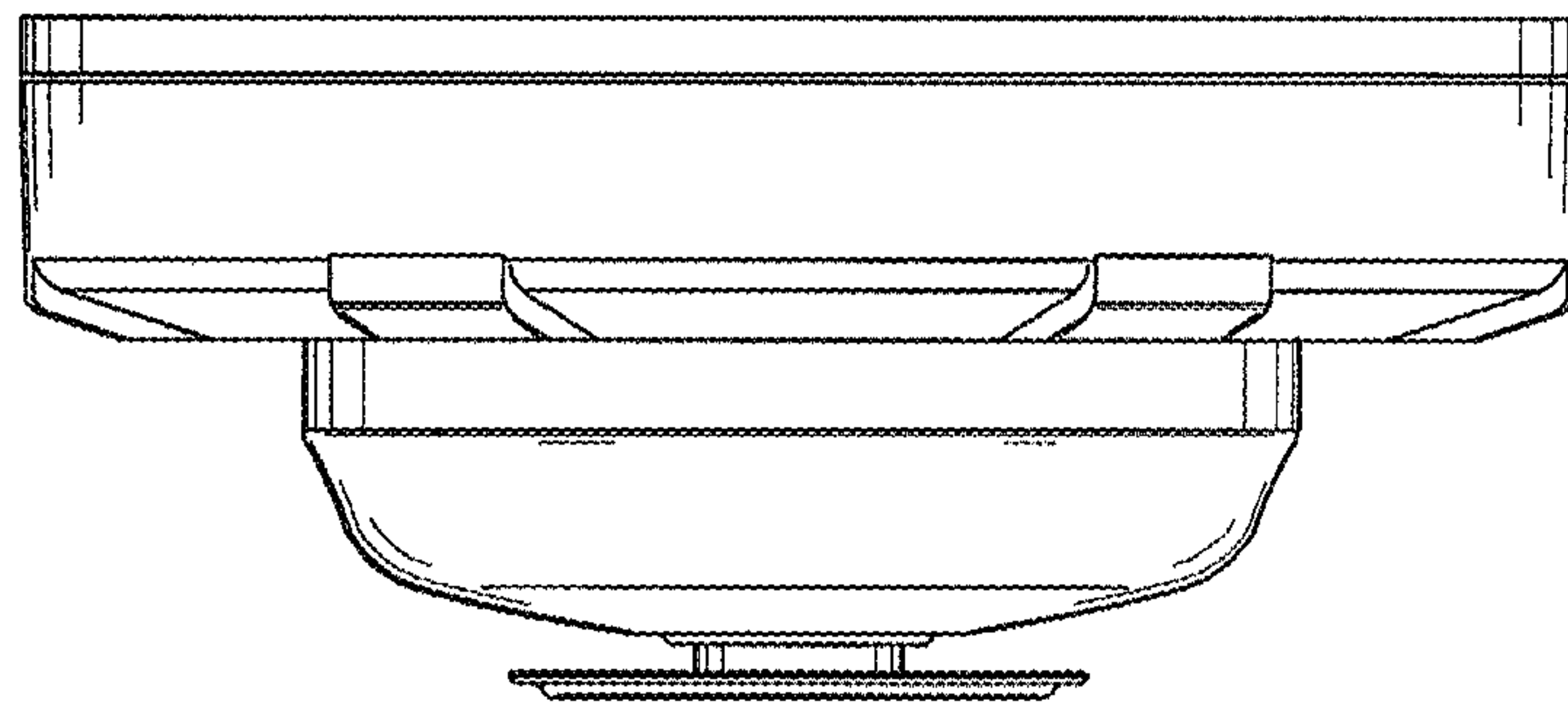
*FIG. 2*



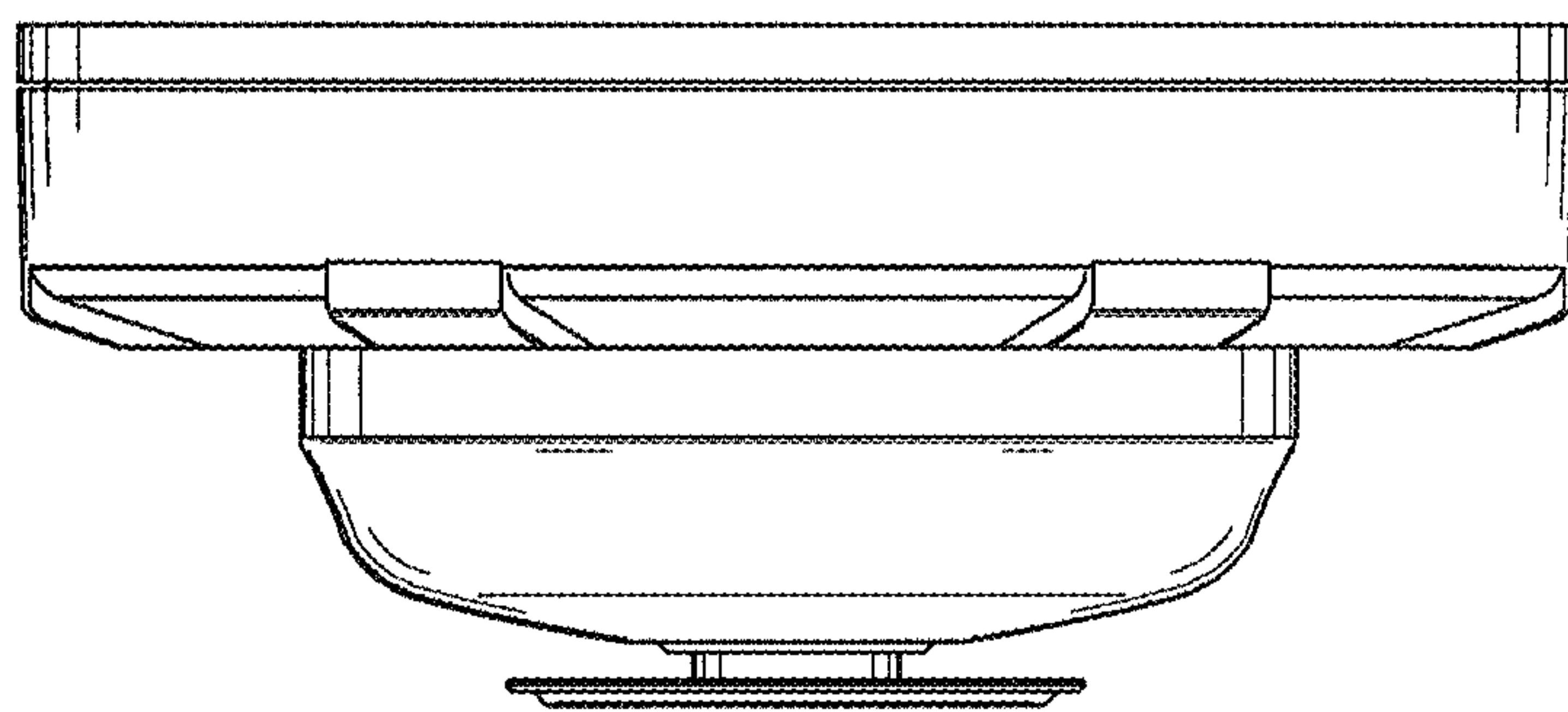
*FIG. 3*



*FIG. 4*



*FIG. 5*



*FIG. 6*