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(12) **United States Design Patent** (10) **Patent No.:** **US D771,512 S**  
**Kalyan et al.** (45) **Date of Patent:** **\*\* Nov. 15, 2016**

(54) **SMOKE AND HEAT DETECTOR** D364,108 S \* 11/1995 DeWitt ..... D10/106.5  
D368,043 S \* 3/1996 Pun ..... D10/106.6  
(71) Applicant: **Honeywell International Inc.,** D412,676 S \* 8/1999 Layes ..... D10/106.6  
Morristown, NJ (US) D419,476 S \* 1/2000 Baker ..... D10/106.5  
D424,465 S \* 5/2000 Davidson ..... D10/106.1  
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\* cited by examiner

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

(21) Appl. No.: **29/543,108**

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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, 106.1–106.7; 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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D240,120 S \* 6/1976 Pasquarette ..... D10/106.5  
D346,981 S \* 5/1994 Ratzlaff ..... D10/106.5

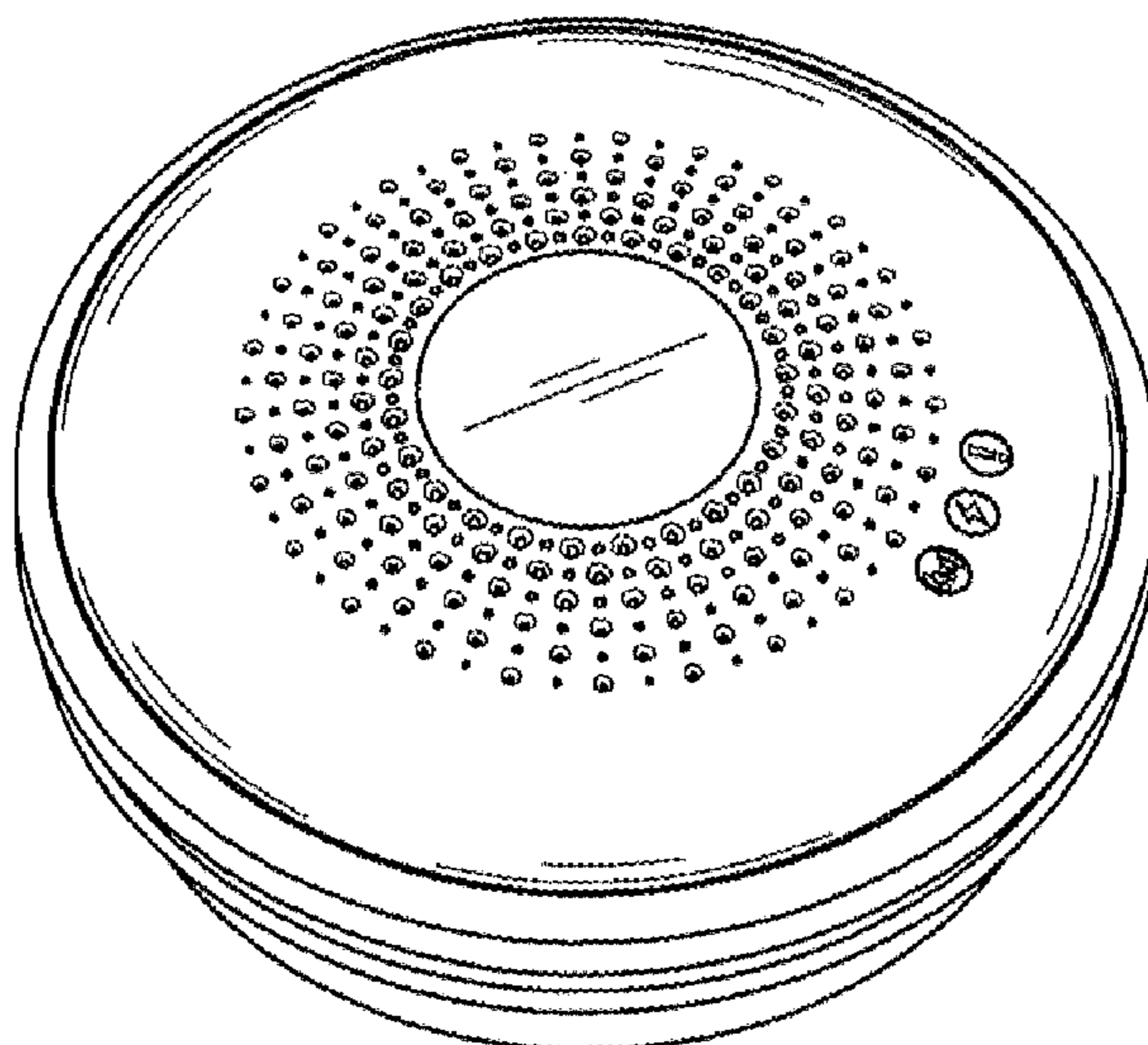
(57) **CLAIM**

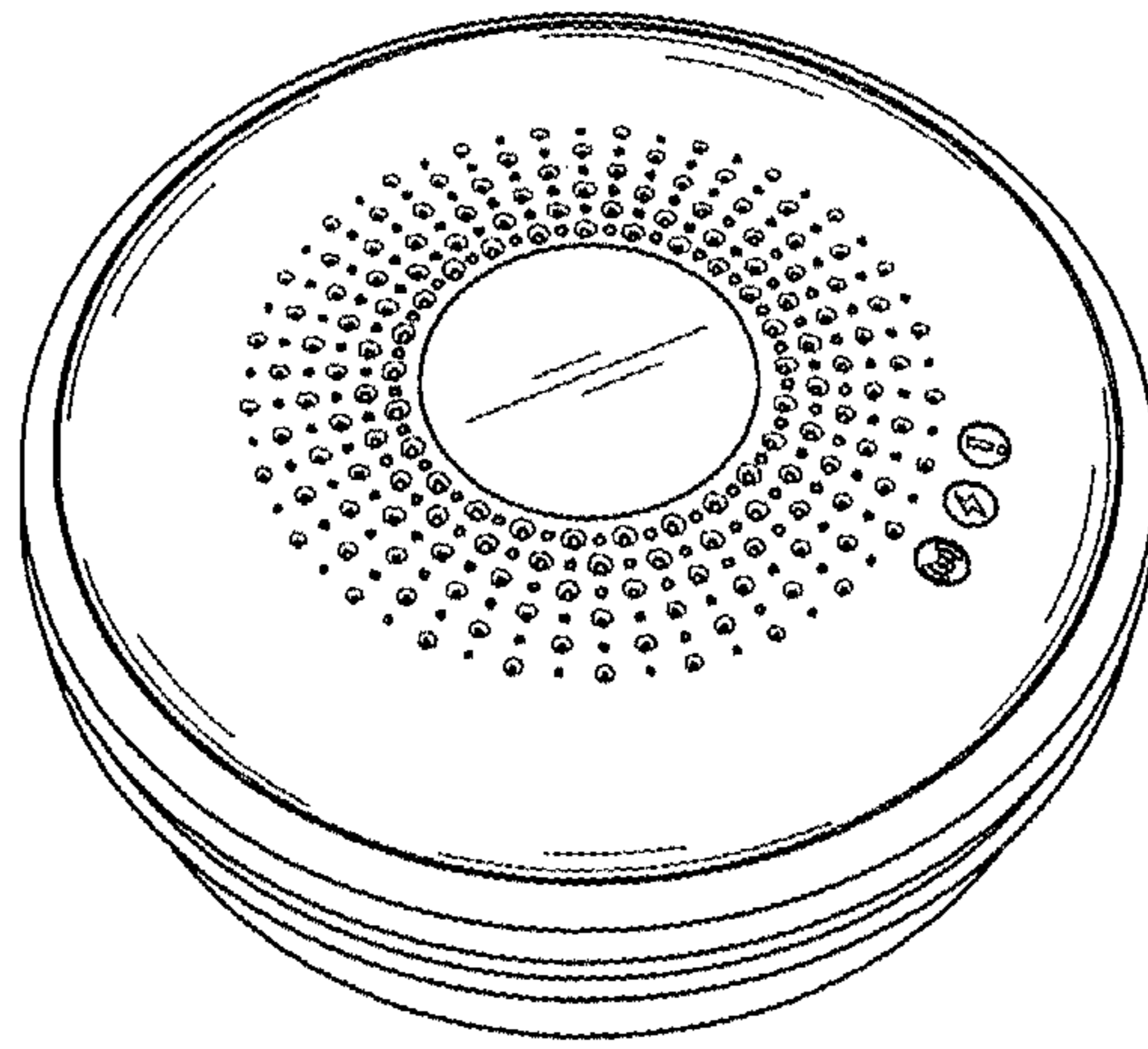
The ornamental design for a smoke and heat detector, as shown and described.

**DESCRIPTION**

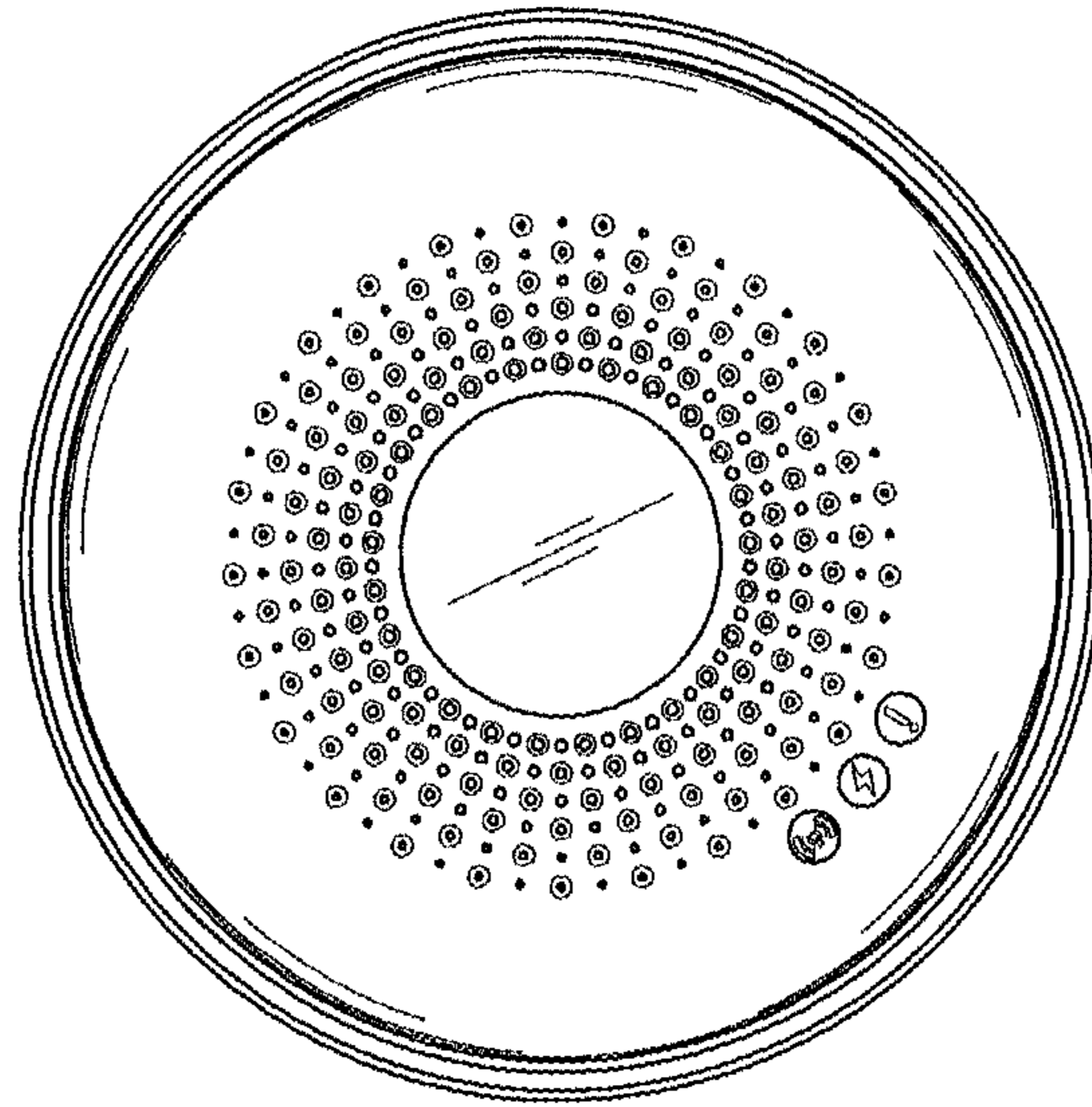
FIG. 1 is a perspective view of the smoke and heat detector. FIG. 2 is a front elevation view thereof. FIG. 3 is a first side elevation view thereof, the opposing side view being a mirror image thereof. FIG. 4 is a top plan view thereof; and, FIG. 5 is a bottom plan view thereof. The rear view of the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

**1 Claim, 3 Drawing Sheets**

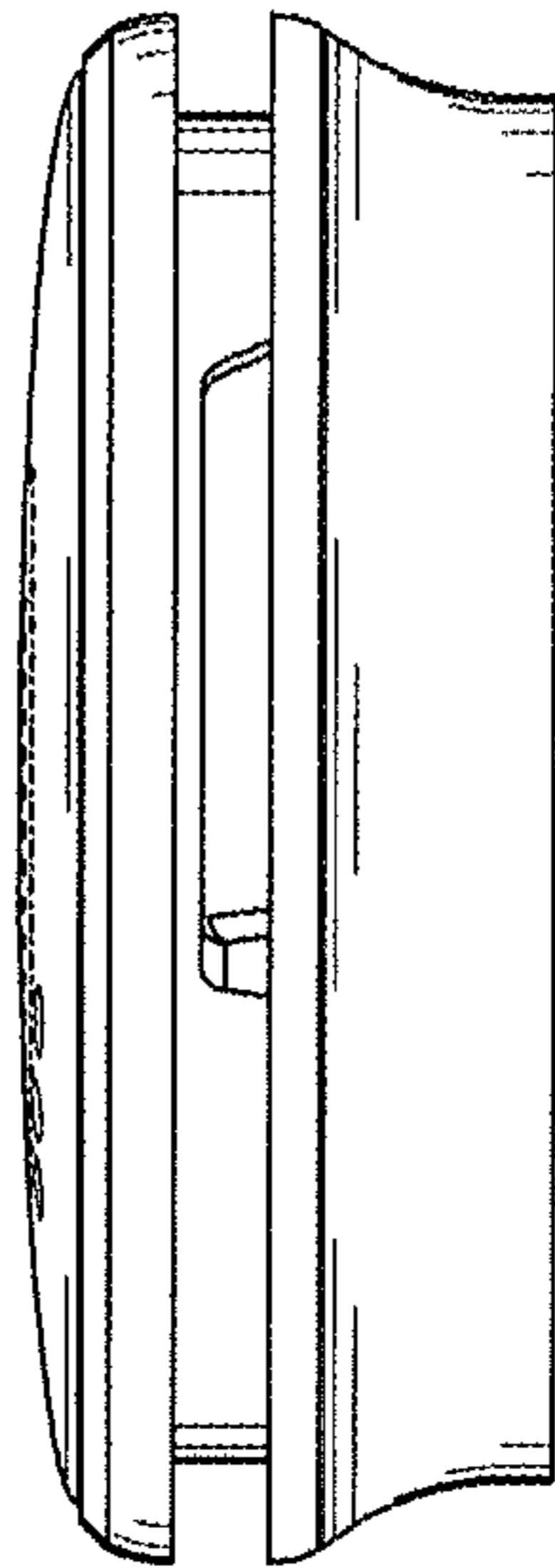




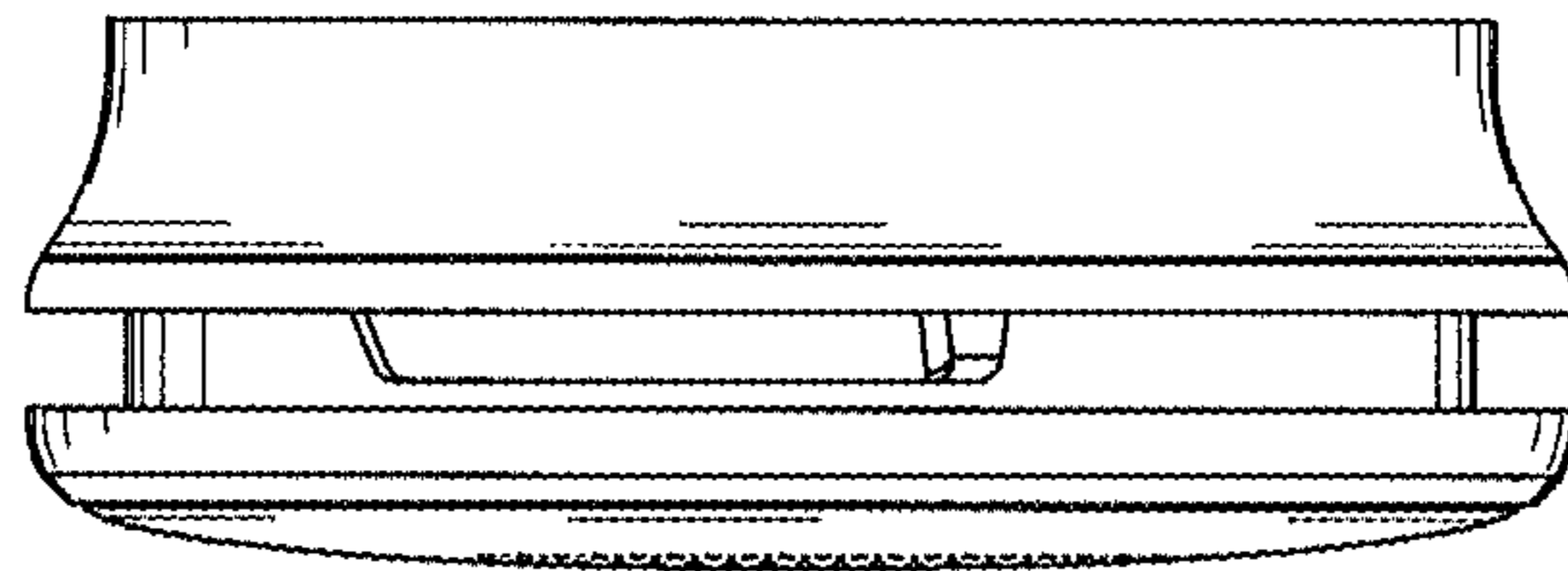
*FIG. 1*



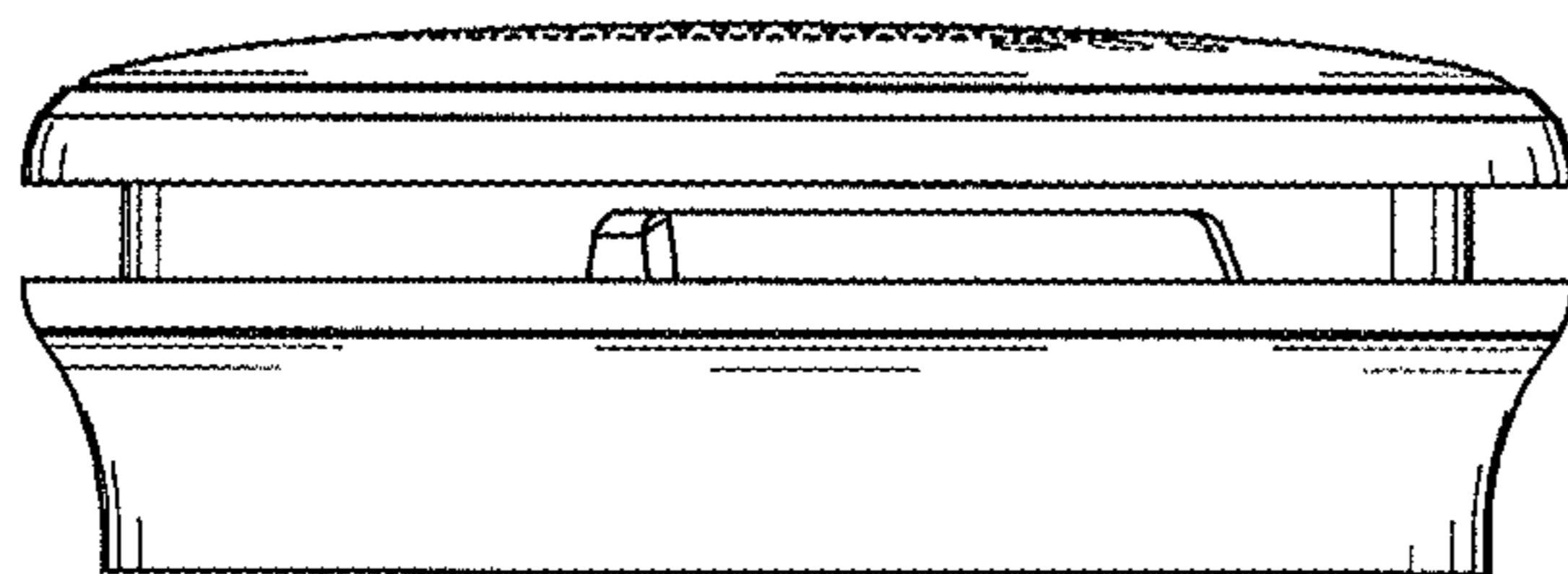
*FIG. 2*



*FIG. 3*



*FIG. 4*



*FIG. 5*