



US00D346981S

United States Patent [19] Ratzlaff

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[45] Date of Patent: **** May 17, 1994**

- [54] **SMOKE DETECTOR**
- [75] Inventor: **Larry R. Ratzlaff, Elgin, Ill.**
- [73] Assignee: **Management Investment & Technology, Ltd., Hong Kong, Hong Kong**
- [**] Term: **14 Years**
- [21] Appl. No.: **827,966**
- [22] Filed: **Jan. 29, 1992**
- [52] U.S. Cl. **D10/106**
- [58] Field of Search **340/545, 547, 555, 578, 340/586, 628, 629, 630, 693; D10/104, 106, 121; D29/1, 2, 4, 5**

- D. 297,219 8/1988 Taylor D10/106
- D. 308,947 7/1990 Downing D10/106
- 4,236,822 12/1980 Jaretsky et al. 340/628

Primary Examiner—Wallace R. Burke
Assistant Examiner—Marcus Jackson
Attorney, Agent, or Firm—McDermott, Will & Emery

[57] CLAIM

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

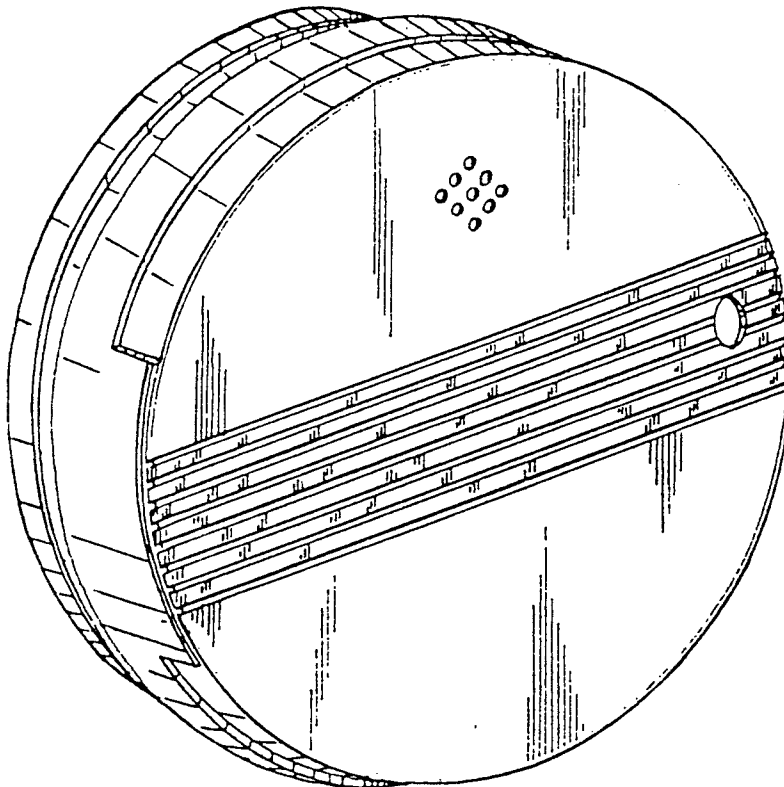
DESCRIPTION

FIG. 1 is a perspective view of the smoke detector according to my new design;
FIG. 2 is a top view of the smoke detector according to my new design;
FIG. 3 is a side view of the smoke detector shown in FIG. 1; and,
FIG. 4 is an additional side view of the smoke detector shown in FIG. 1.

[56] References Cited

U.S. PATENT DOCUMENTS

- D. 260,975 9/1981 Lam D10/106
- D. 279,769 7/1985 Thornton, Jr. et al. D10/106



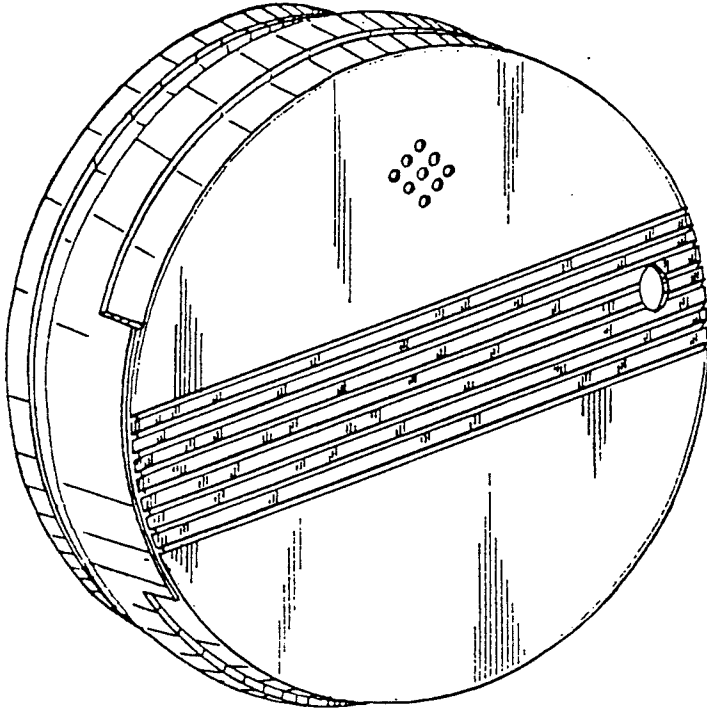


FIG. 1

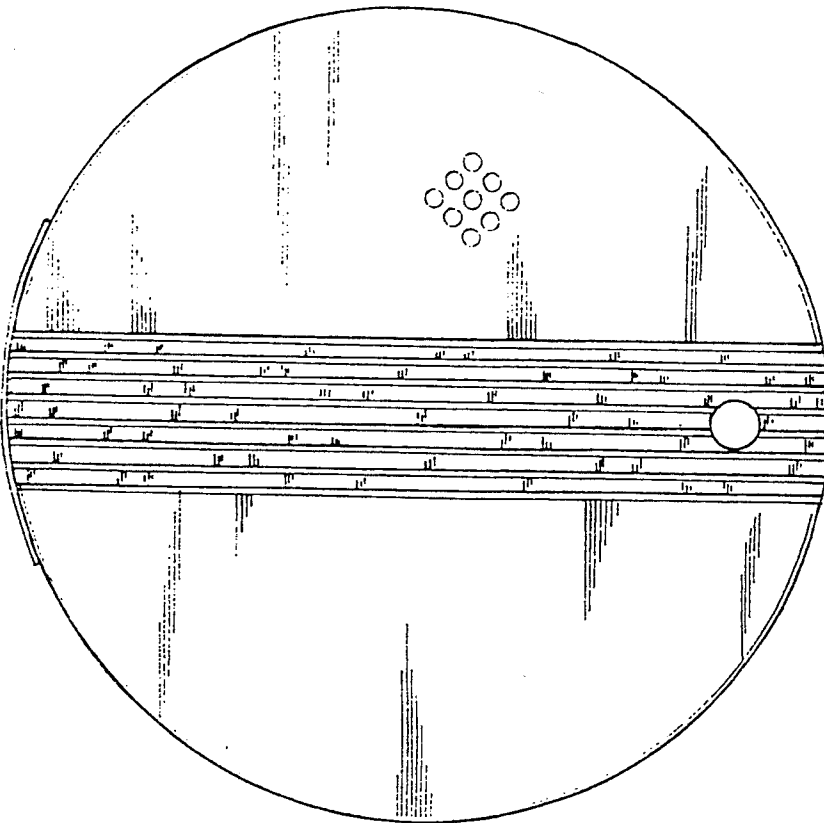


FIG. 2

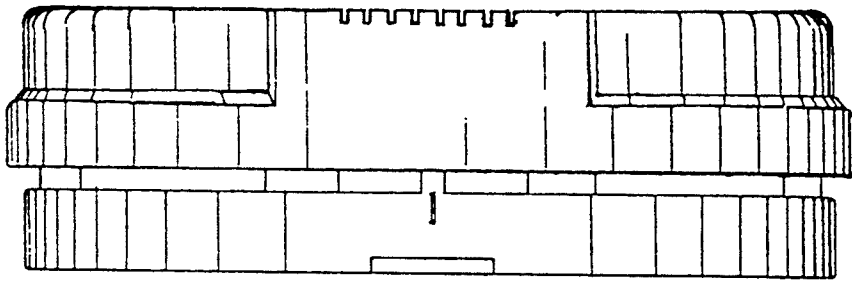


FIG. 4

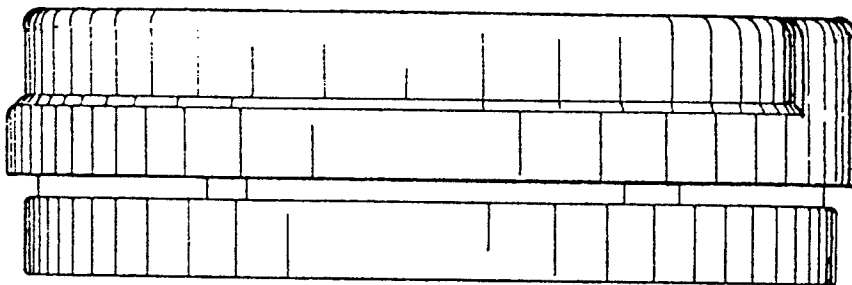


FIG. 3