# United States Patent [19]

Fenne

Des. 276,417 Patent Number: [11] Date of Patent: \*\* Nov. 20, 1984 [45]

#### **SMOKE DETECTOR** [54]

- Kenneth R. Fenne, Glen Ellyn, Ill. Inventor: [75]
- Pittway Corporation, Aurora, Ill. Assignee: [73]
- 14 Years Term: [\*\*]
- Appl. No.: 418,631 [21]

[52]

[58]

**1** 

[57]

#### CLAIM

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

#### DESCRIPTION

FIG. 1 is a top plan view of a smoke detector showing my new design; FIG. 2 is a side elevational view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a second embodiment of the smoke detector, wherein the only difference resides in the design of the top portion as shown; FIG. 5 is a side elevational view thereof; FIG. 6 is a third embodiment of the smoke detector wherein the only difference resides in the design of the top portion as shown; FIG. 7 is a fourth embodiment of the smoke detector wherein the only difference resides in the design of the top portion as shown; FIG. 8 is a sectional view taken from line 8-8 in FIG. 7;

Sep. 16, 1982 [22] Filed:

Field of Search ...... D10/104, 106; 340/693, 340/627-629, 545, 547, 555, 578-579, 584, 586, 541, 546, 542, 543, 551-552, 556, 566, 577, 630; 116/4-9, 67 R, 75, 77, 85-86, 107, 112, 214, 216, 137 R, 141, 142 R, 147, 148–149, 166, DIG. 38, 44

**References Cited** [56] U.S. PATENT DOCUMENTS D. 225,379 12/1972 Gallagher ..... D10/106 D. 235,857 7/1975 Hart ..... D10/106 D. 240,120 6/1976 Pasquarette ...... D10/106 D. 246,958 1/1978 Rakocy et al. ..... D10/106

Primary Examiner—Wallace R. Burke Assistant Examiner-Suzanne N. Gitlin Attorney, Agent, or Firm—Emrich & Dithmar FIG. 9 is a fifth embodiment of the smoke detector, wherein the only difference resides in the design of the top portion as shown; and

FIG. 10 is a sectional view taken from line 10-10 in FIG. 9.

The conventional wire grille, partially shown in FIGS. 2 and 5, is understood to cover the entire area as indicated.



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## FIG.I

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## F/G.3



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F1G.4

F1G.5



F/G.6

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### F1G.7



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#### FIG.10 mm. Heren

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