

From: <Terrill.Garland@kidde-fenwal.com>
To: <ask@nrc.gov>
Date: 11/22/04 11:20AM
Subject: Mail Control # 022438 Amendment to Kidde-Fenwal NRC Reg. Cert. and Exempt Distribution License

Mr. Kirkwood,

As we discussed, attached are copies of the drawings showing the designs for our current Model CPD-7051 and new Model CPD-7054 ionization smoke detectors. I have indicated where the design for the new Model CPD-7054 smoke detector has changed as compared to our current Model CPD-7051.

I hope this answers your questions concerning this subject. If you have any additional ones, feel free to contact me.

(See attached file: Current CPD-7051 & New CPD-7054 Design Comparison.PDF)

Regards,

Terry Garland
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Creation Date: 11/22/04 11:18AM
From: <Terrill.Garland@kidde-fenwal.com>
Created By: Terrill.Garland@kidde-fenwal.com

Recipients

nrc.gov
twf4_po.TWFN_DO
ASK (Anthony Kirkwood)

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twf4_po.TWFN_DO

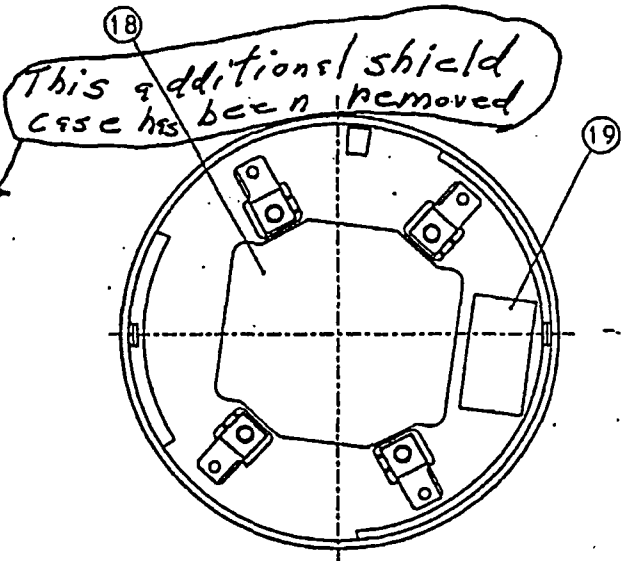
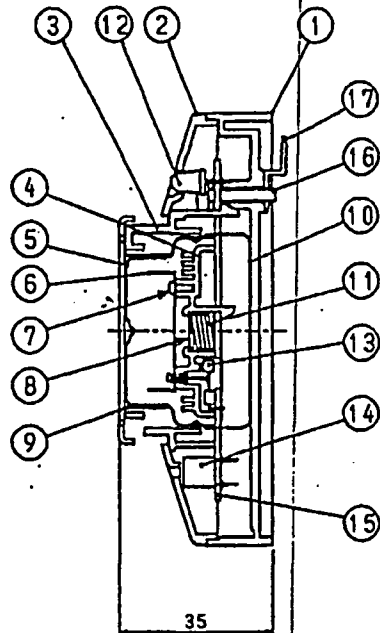
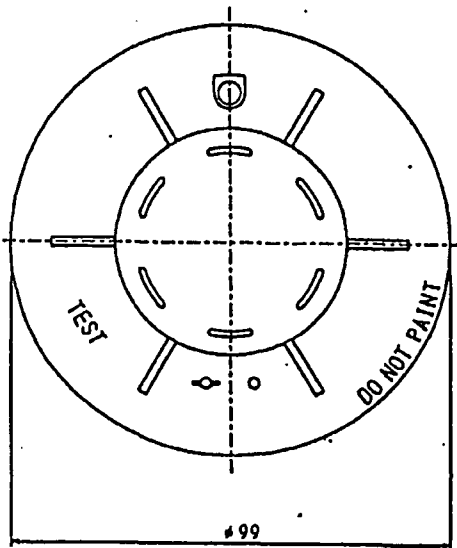
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Files	Size	Date & Time
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Current CPD-7051 & New CPD-7054 Design Comparison.PDF	142138	
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Options

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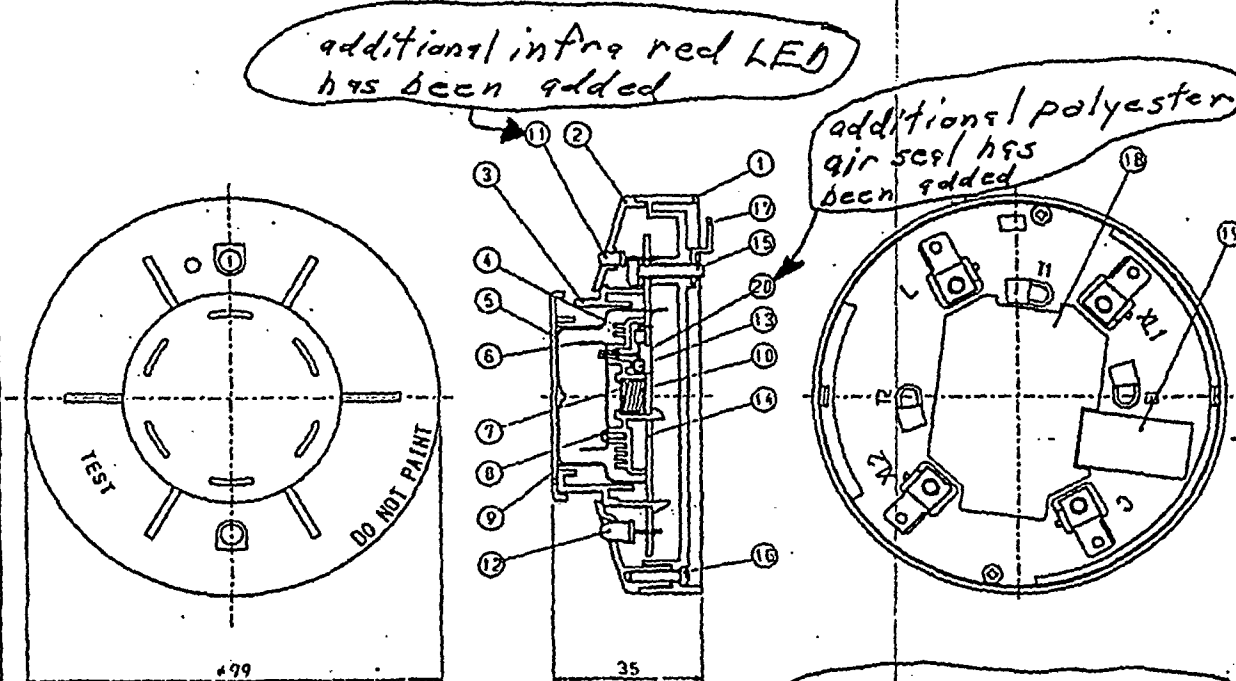
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Existing Current Model CPD-7051 Design

- | | |
|---------------------------|--------------------------|
| 1. LOWER ENCLOSURE | 11. SPRING |
| 2. COVER | 12. INDICATING LED |
| 3. WIND SCREEN | 13. FET |
| 4. SUPPORT PLATE | 14. CHECK TERMINAL |
| 5. OUTER CHAMBER | 15. PRINTED WIRING BOARD |
| 6. INTERMEDIATE ELECTRODE | 16. SCREW |
| 7. SCREW | 17. CONTACT BLADE |
| 8. SOURCE | 18. NAME PLATE |
| 9. INSECT SCREEN | 19. UL LABEL |
| 10. SHIELD CASE | |

No.	DATE	DESCRIPTION	REV.	CHK.	APP.	TITLE:
						IONIZATION SMOKE DETECTOR
UNIT: mm SCALE: 1 / 1 DATE: SEP. 25 2002 DESIGNED BY: A. Okada CHECKED BY: J. Uchikawa APPROVED BY: [Signature]						7051 DETECTOR ASSEMBLY
> 10..... 30±0.1 > 30..... 70±0.1 > 70..... 150±0.2 > 150..... 300±0.5 > 300..... 500±0.8 (UNIT: mm)						DWG. NO. AF30404000
						NOHMI BOSAI LTD.



New Model CPD-7054 Design

20	SEAL
19	UL LABEL
18	NAME PLATE
17	CONTACT BLADE
16	SCREW
15	SCREW
14	PRINTED WIRING BOARD
13	FET
12	INDICATING LED
11	INFRA RED LED
10	SPRING
9	INSECT SCREEN
8	SCREW
7	SOURCE
6	INTERMEDIATE ELECTRODE
5	OUTER CHAMBER
4	SUPPORT PLATE
3	WIND SCREEN
2	COVER
1	LOWER ENCLOSURE

NO.	DATE	DESCRIPTION	REV.	CHK.	APP.
UNLESS OTHERWISE SPECIFIED VOLTAAGE:		UNIT: mm		SCALE: 1 / 1	
DATE: Feb. 24 2004		DESIGNED BY: A. Okada		DRAWN BY:	
CHECKED BY: K. Kojima		APPROVED BY: K. Kojima			

NO.	PARTS
TITLE: DETECTOR ASSEMBLY	
IONIZATION SMOKE DETECTOR	
ENG. NO.	AF30404100
NOHMI BOSAI LTD.	

