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2004 08 20

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(22) 2001 09 22

(65)
(43)

10-2003-0025674
2003 03 29

(73)

557-6

(72)

102 1207

(74)

:

(54)

가

가

3a

1a 1d
2a 2b
3a 3c
4
5

(align) , , , , , PDA (portable) 가 , 가 , 5 20V (contrast) 가 , 가 1 (stripe) 2 1 R, G, B 2 R, G, B R, G, B R, G, B (metal shadow mask) R, G, B (align) R, G, B (hole) 2 (align) R, G, B 1a 1d 1a 1d (R) (16a) (16a) (12) (10) (14) (100) (100) (100) (16a) (G) (16b) (1b) (16c) (B) (16c) 2 (18) (32) (active) (34) (deposition) (100) 2a 2b (frame, 30) (100) (100) 가 100 μ m (100)가 가 (36) (100) 가 (14)가 (10) (34) (32) (100) (100)가 (12) (36) (36) 가 (100) (100) (tension) 가 (100)가 (100)가 (100)가 (100) (100) (misalign) (100) 가 ,

가

가

가

가

3a 3c 3a

(34) (30) (100) (34) (32) (50)가

(102) (30) (50) (100) (102) (34) (102)

(30) (34) (32) (30) 가 (30) 가

(30) (102) 가

5mm (100) (100) (screening) (10

0) 가 100 μ m 가 SUS

3b (104) (102)가 (100) (100)가 (100) (104)

(104) (100) (104) (104) (100) (100) (104) 가

(100) (104) (102) 가 (100) (30) 가

(100) (tension) (34) (100) (104)

(34) (104) (100)

(100) (34) (104) R, G, B (34) (100)

(100) (30) 가 (104) (100)

(102) (100) (34) (102) (100) (34)

(102) (34) (34) (102) (100) (34)

가 4 4 (102), (100) (104) (align)

(104) (100)가 (104) (108) (108) 가

(100) (34) (104) (104) (104) (

100) (34) (104) (34) (104)
 (104) (108) (106) 가 가 (34)
 가 (100) 150가
 (100)가 SUS 5
 (102) (100) (104) (align) 5 (104)
 (108) (108), (100), (104)
 3 5 (108), (100) (104)
 (108) (100) (104) (10
 4) (100) (misalign) (104)

(Liquid Crystal Display; LCD),
 (Field Emission Display; FED),
 , R, G, B

(Plasma Display Panel; PDP),
 가 가

(57)

1.

가 가 ;

2.

1 가 가

3.

1 , ,

4.

1 , 가

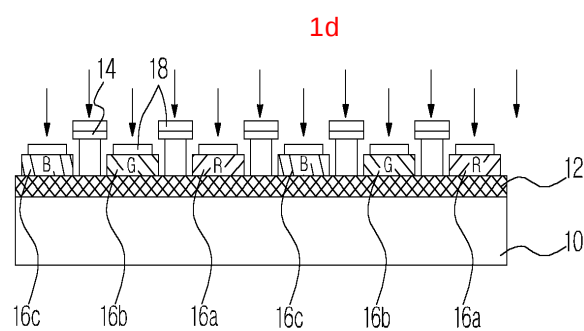
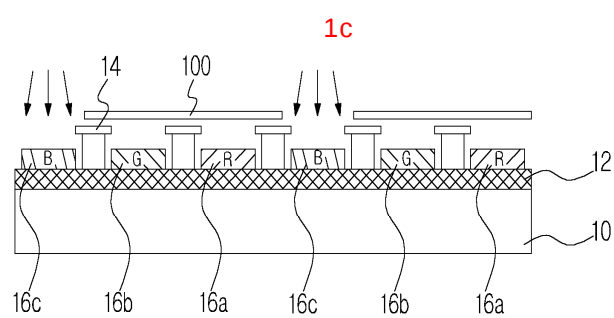
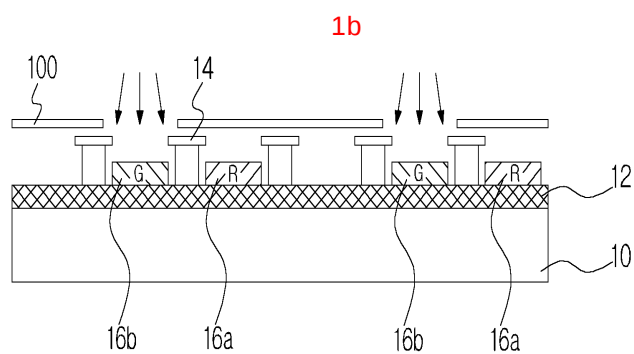
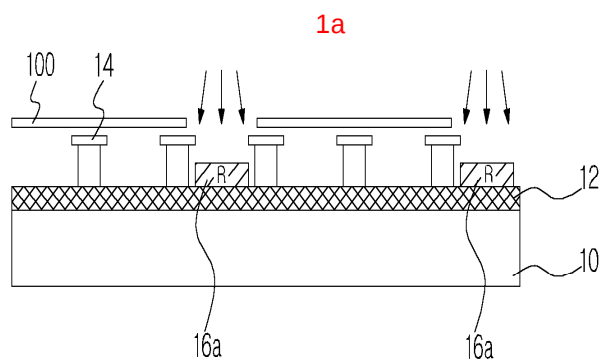
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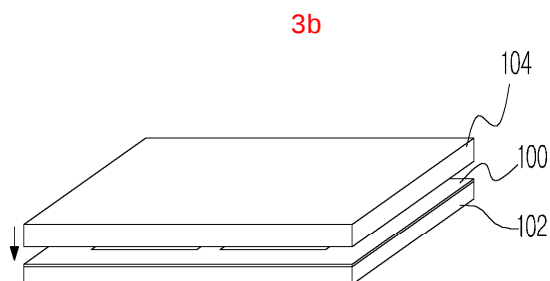
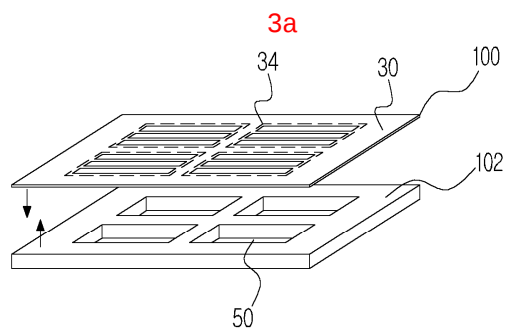
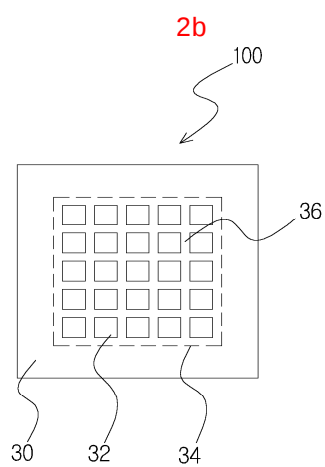
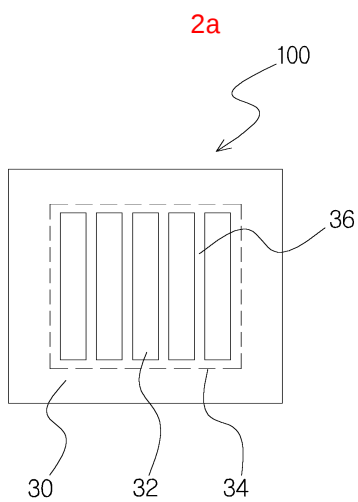
2 ,

6.

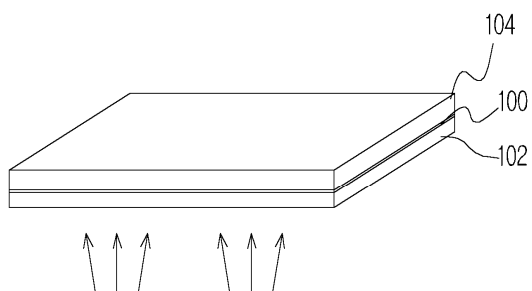
1 , 가

7.

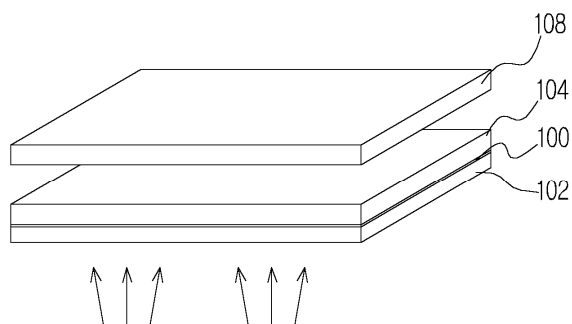




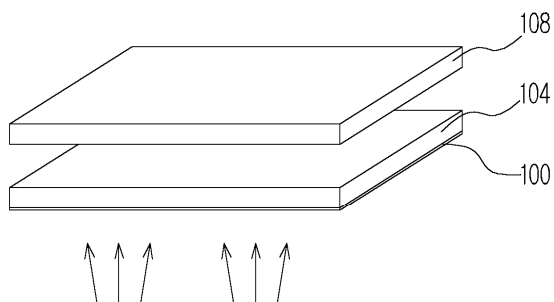
3c



4



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专利名称(译)	使用辅助掩模制造平板显示装置的方法		
公开(公告)号	KR100446467B1	公开(公告)日	2004-08-30
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[标]申请(专利权)人(译)	娜我比可隆株式会社		
申请(专利权)人(译)	Neoview的隆有限公司		
当前申请(专利权)人(译)	Neoview的隆有限公司		
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IPC分类号	H05B33/10		
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代理人(译)	KIM, YOUNG DONG 李相HUN		
其他公开文献	KR1020030025674A		
外部链接	Espacenet		

摘要(译)

本发明涉及一种使用辅助掩模制造平板显示装置的方法，该辅助掩模能够在基板上精确地对准阴影掩模并且在基板上无错误地沉积诸如有机发光材料和电极材料的沉积材料，安装辅助掩模，该辅助掩模具有用于在荫罩的一侧上打开有源区域的开口，该荫罩由形成在该区域的边缘处并支撑该框架的至少一部分的框架制成；将基板对准荫罩的另一侧；并且通过荫罩的有源区将生长材料沉积在基板上。图3A 指数方面 阴影掩模，辅助掩模，磁场，基板，有源区，框架，对齐

