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(11)  
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10-2004-0081277  
2004 09 21

(21) 10-2003-0016036  
(22) 2003 03 14

(71) 416

(72) 512 513 403

(74)  
:

(54)

가

1a

, , LCD

1a 1

1b 1a lb-lb'

2 4 2 4

5a 1

5b 5a Vb-Vb'

6a 1

6b	6a	VIb-VIb'	.
7a	7c	1	.
8a	8d	1	.

1 :            2 :

220 :            230R, 230G, 230B : , ,

270 :            310 :

320 :

가 , , , 가  
(sealant)가

가 .

가

가

가

가

가 가

가

1a 1b 1a Ib-Ib'

(1) (1) (2)

0) (310)가 (32)

10) (320) (1) (1) (2) (2) (3)

가 (310) 가 ( 2, 2 ). (311)

( 3, 4 : 3, 4 ) ( (320)

(2) (1)

5a 1 5b 5a Vb-Vb'

20)가 (2) 1 (210) (230R, 230G, 230B)가 (2)

(320) (310) (270) (320) (21)

6b 6a VIb-VIb' (1) 6a

(121) (1) (121) 2 (110) (121) (121)

(121) (121) (121) ( ) (123)

(121)

가 (121)

(190) (177)

) 가 (121) (

0) (121) (140) (123) (14

(151, 154) (165), (163) (161, 163, 165) (151, 154) (161, 163, 165)

(151, 154) 가 (173) (175)

(140) (171) (171)

(163) (173) (173)

(165) 가 (175) (177) (121)

(171), (173), (175) (175) (180)

182) (182) (180) 1 (181), (177) 2 (

(11) (190) (181) (190) (175)

1

(2) (1) (1) (2)

(1) (2) 7a 7c (1)

7a , 1 (210) (220) (230R, 230G, 230B) 가 (230R, 230G, 230B) (220)

7b (270) (230R, 230G, 230B) ITO, IZO

7c (270) (spin coting) (slit coating)

(320) (220) (320) 가 (310)

(310) (21) (320) 가 , 가 (benzocyclobutene, Dow chemicals. L

TD) 가 (21) 가 (21)

10) (320) 가 (310) (320) (3

7c (2) (320) (polyimide) (21) (21)

( 5a 5b ).

(polyamicacid)  
(310) (320)

가

8a 8d

8a , 2 (110) (121) (123) (140) (121) ( )  
123) . (121) (123) (140) .

8b , (140) (151, 154) (161, 163, 165) (151, 154) .

8c , (163, 165) (173), (175),  
(171) (177) (171), (173), (175)  
) 1 2 (181, 182) 가 (180) . 1 (181) (175)  
, 2 (182) (177) .

8d , (180) 1 2 (181) (175)  
(11) (177) (190) . (190) (11)  
(21) ( 6a 6b ) . (11)

(1) (2) (Assay) 가

(57)

1.

2.

1

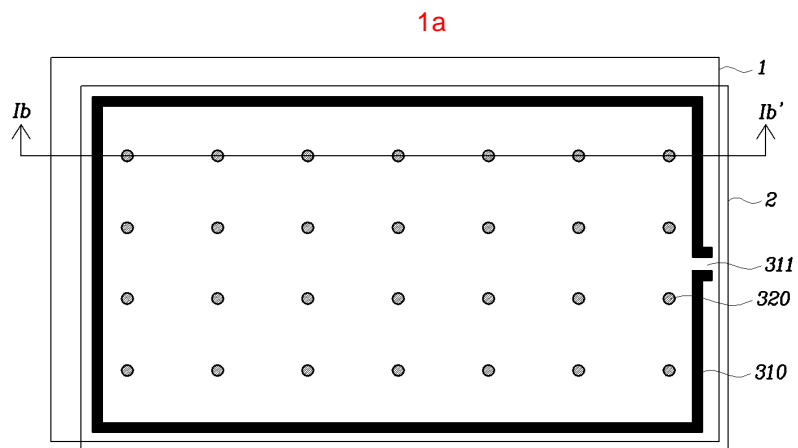
1 3. 2 ,

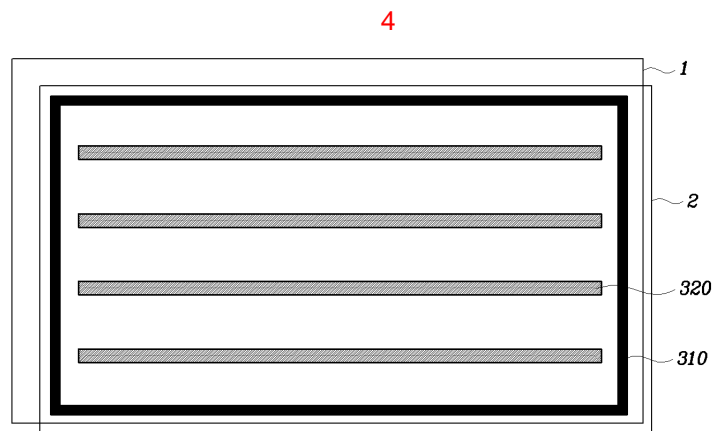
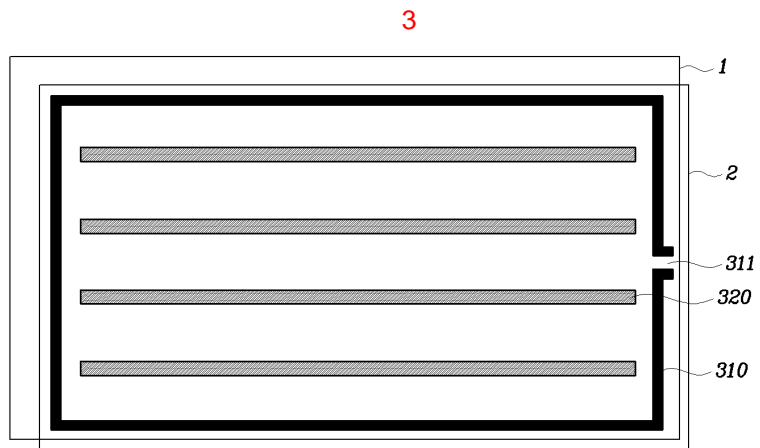
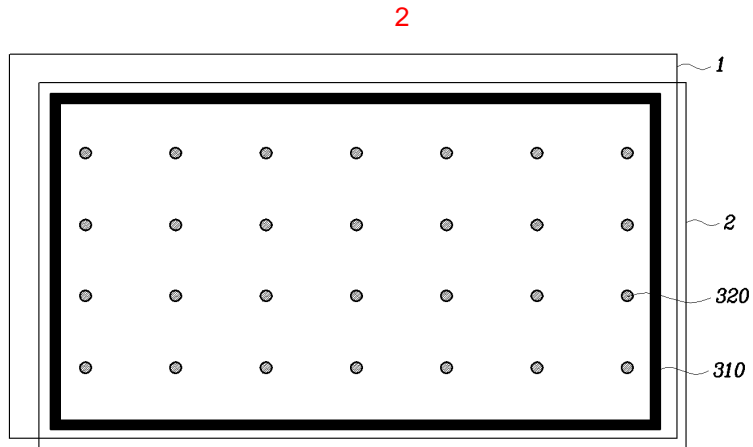
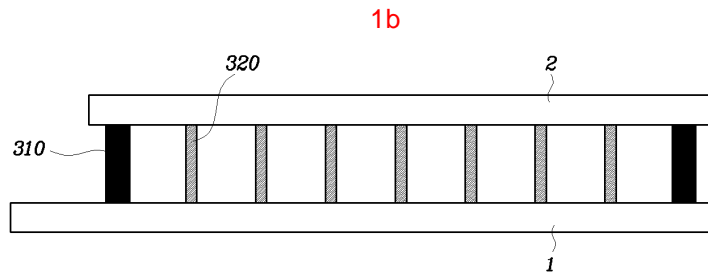
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5.

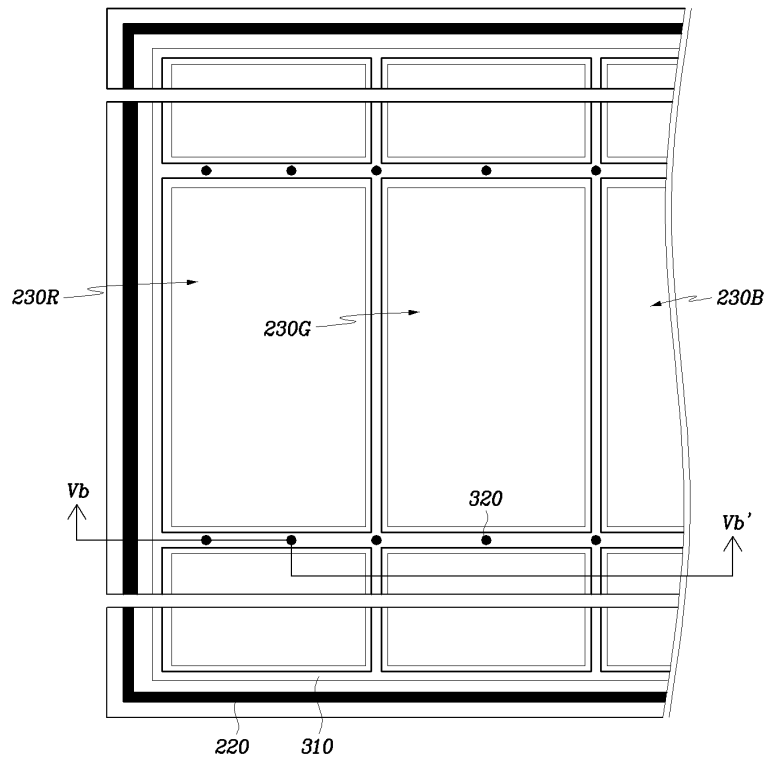
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5 7. ,

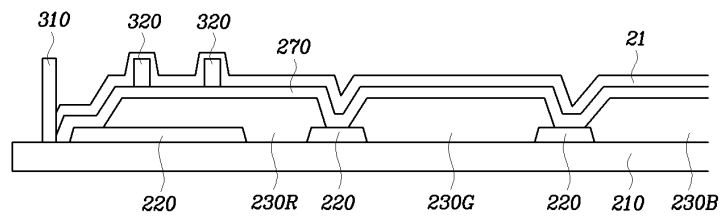


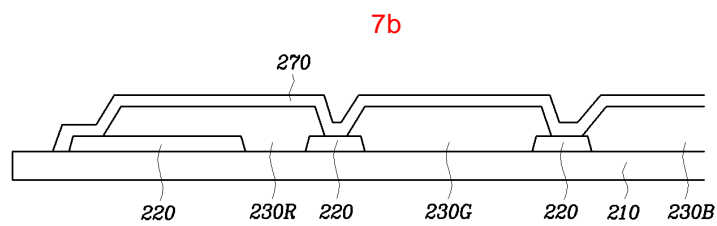
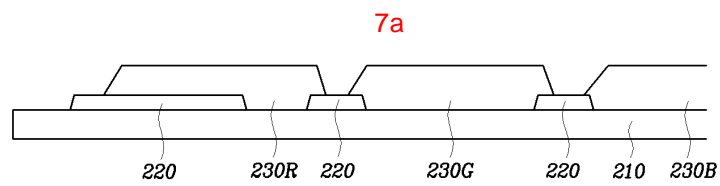
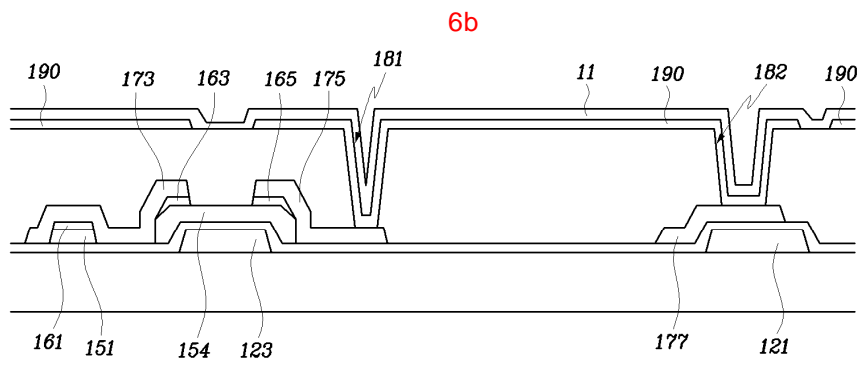
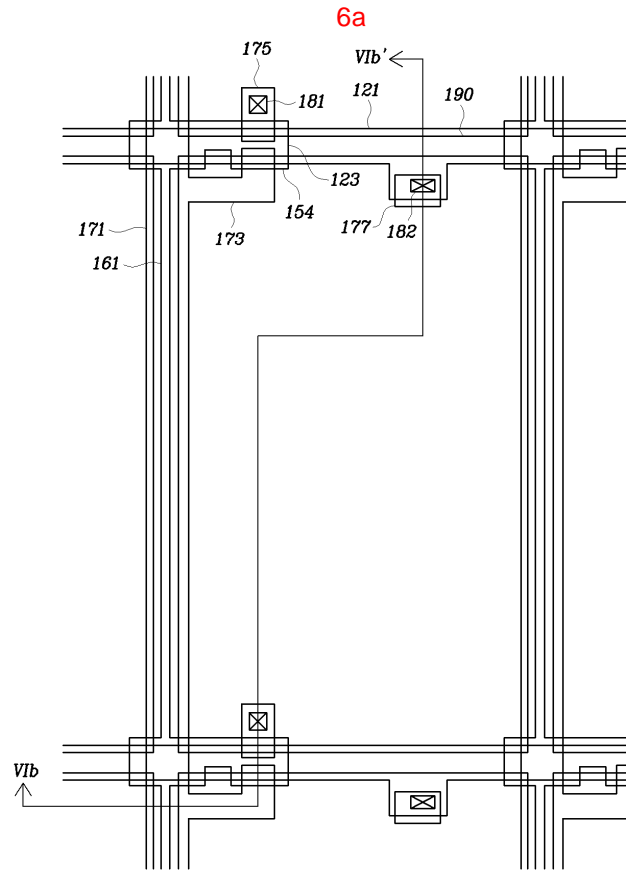


5a

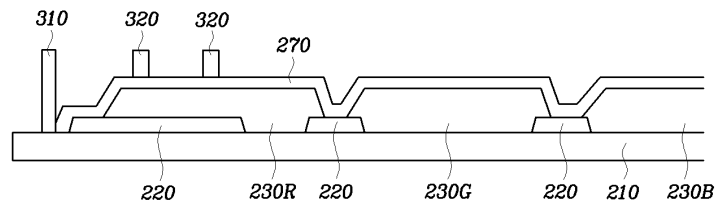


5b

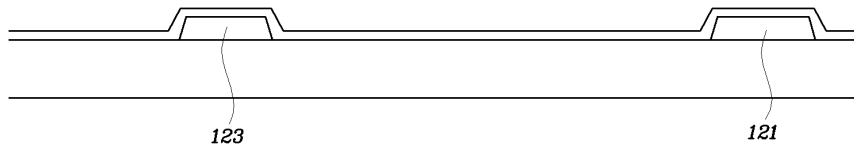




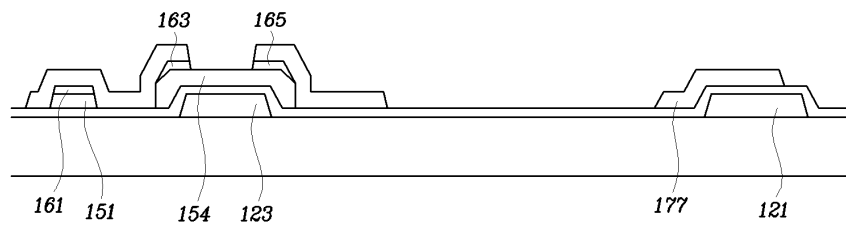
7c



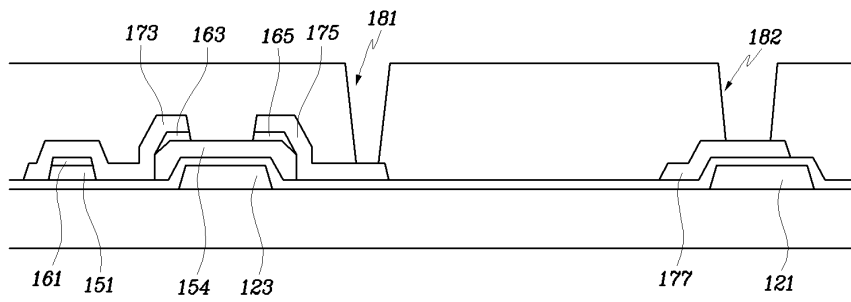
8a



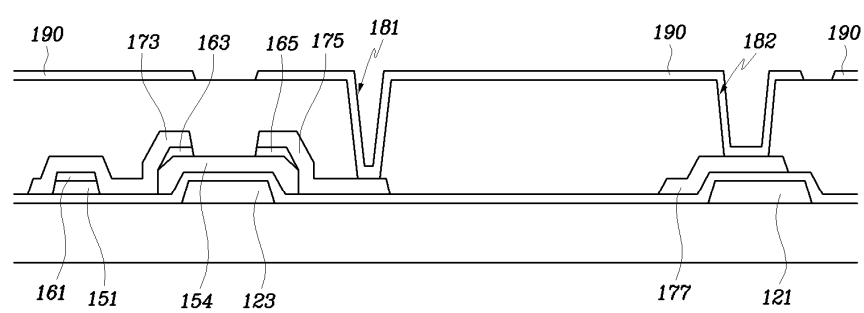
8b



8c



8d



专利名称(译)	滤色器显示板及其制造方法		
公开(公告)号	<a href="#">KR1020040081277A</a>	公开(公告)日	2004-09-21
申请号	KR1020030016036	申请日	2003-03-14
[标]申请(专利权)人(译)	三星电子株式会社		
申请(专利权)人(译)	三星电子有限公司		
当前申请(专利权)人(译)	三星电子有限公司		
[标]发明人	HONG SUNGKYU 홍성규		
发明人	홍성규		
IPC分类号	G02F1/1339		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

使用具有绝缘基板，黑色矩阵的材料形成的间隔物和密封材料，形成在绝缘基板上形成的公共电极，锈色，蓝色滤色器，形成在黑色矩阵上的滤色器，以及光敏性包括共电极和粘合剂性质。垫片，密封材料和LCD。

