

2003 - 0026736
2003 04 03

(54)

2a 2d

3

4

5a 5d 4

< >

100 : 102 :

104a, 104b, 104c : , ,

106 : 108 :

P :

(Flat Panel Display Device) (R
ed), (Green), (Blue)

, (dye method), (electrodeposition method), (pigm
ent dispersion method), (print method),
가

1 (scan line)

(signal line) ,
(active matrix type)

(50) , (10) (30) , (10, 30)

(30) (1) (P) (50) 가
(32) (32) (T)가
(T) (32) (34)

, (10) (1) , (12) (P) , , (1
4a, 14b, 14c)가 (14)가 (14) (50)
가 (18) (20)

(10, 30)

(1) (22, 36)

2a 2c

2a 가 (P) (1) (P)

(12)

(1) 가

(12) (Cr), / (CrOx) (

carbon)

(sputtering) 가

가 가 가

2b (12)가 (P) (14a, 14b, 14c)

(14)

(14) (14a, 14b, 14c)

2c (14)가 (18)

(18) (20)

2d 2c (22)

2c

가

1/3

3

(ST1).

, LTHC (Light to Hit Conversion Layer),

LTHC

(align)

(ST2)

(adhesion layer)

LTHC

(ST3).

LTHC

(ST4).

(carbon)

가

가

4

1

가 (P) (100) (100)
 (102)가 (102) (P)
 (104a, 104b, 104c) (104)가 (104)
 (106) (108)

(104) (102)
 가

(102) (104)

(carbon)

(100)

가 (PVA)

(100) 가

5a 5d

5a (P) (100) (102)

(102) 가

(100)

5b (102) (P)
 (104a, 104b, 104c) (104)

(104) 3

5c , (104)가 , (106)

.

, ITO(Indium Tin Oxide)

.

(106)

.

5d , (106) (108)

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(108)

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(108)

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(108)

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가 .

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가

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(57)

1.

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2.

1 ,

3.

1 ,

4.

3 ,

(carbon)

5.

1 ,

, ,

6.

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가

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;

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가

,

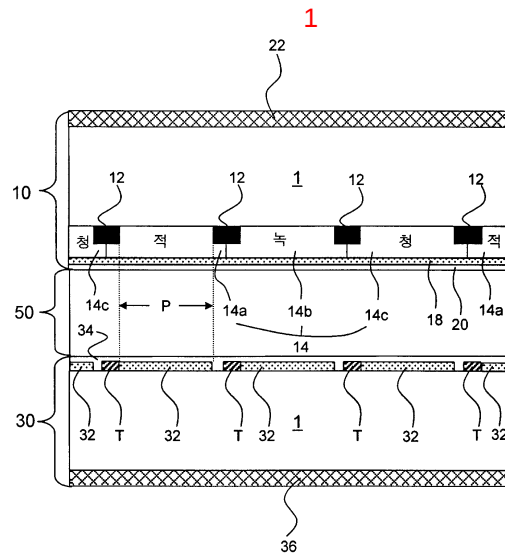
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7.

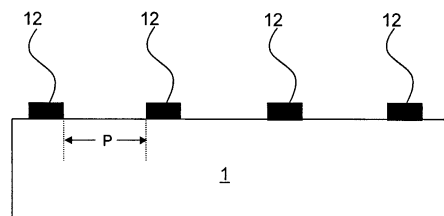
6 ,

8.

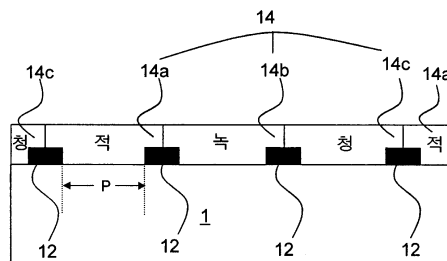
6 ,



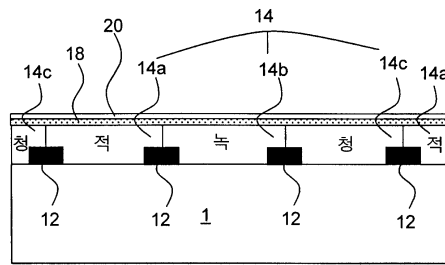
2a



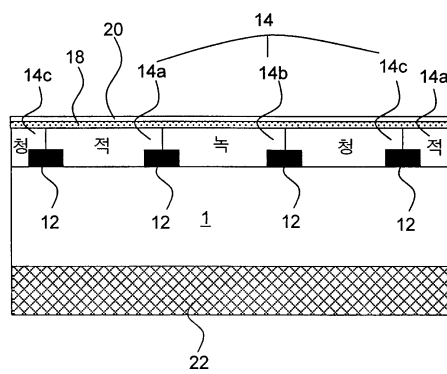
2b



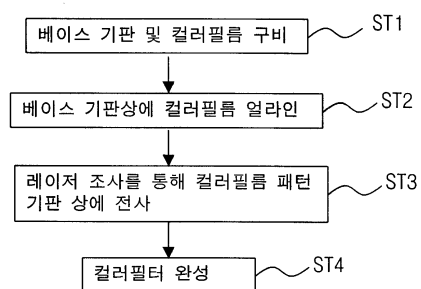
2c



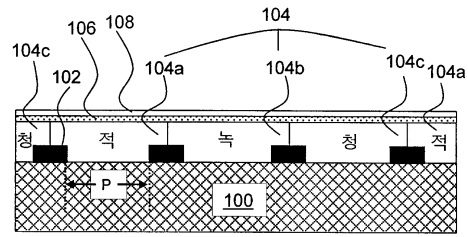
2d



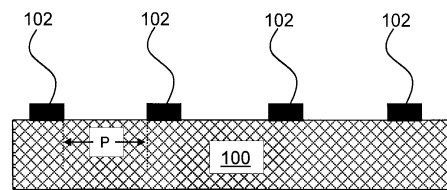
3



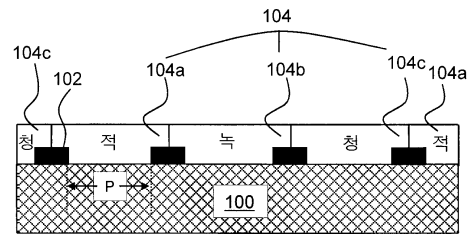
4



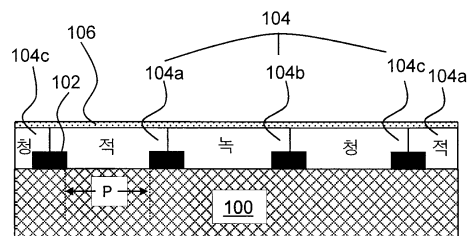
5a



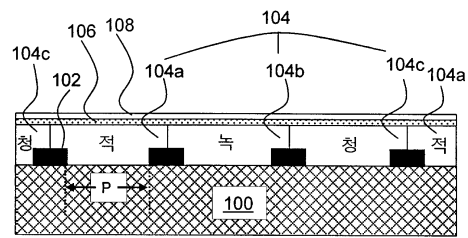
5b



5c



5d



专利名称(译)	用于通过膜转移方法的液晶显示装置的滤色器基板及其制造方法		
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摘要(译)

在本发明中，用于液晶显示装置的滤色器基板包括形成在偏振光板上的取向层，黑色矩阵，滤色器，通过激光处理在偏振光板上形成，使用转印方法转录在具有有序透明电极的基板上形成薄膜型材料，在上部形成滤色器和透明电极的上部，它具有首先简化液晶模块工艺的优点。

