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(51) 。 Int. Cl.<sup>7</sup>  
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10-2005-0014379  
2005 02 07

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10-2003-0052981

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3a 3e 2

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2,1022 : 4,104 :

6,106 : 8,108 :

10,110 : 12,112 :

35 :

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(Cathode Ray Tube)

(Liquid Crystal Display : LCD),

(Plasma Display Panel : PDP)

(Field Emission Display : FE

(Electro-luminescence : EL)

D),

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. LCD

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, EL , EL

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[cd/m<sup>2</sup>]

1 EL , 2 1 ' - " EL

1 2 EL EL (P1) , (P1)

(P2)

(P1)

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(6),

(P1) 1 (10) (12a) 2 (12b)

(4)

(2)

1 가 . (4) ( )

(6) (4) (2) EL 가 .

(8) EL (4) (8) 2 EL (12b) (10) 2 (12b)  
 (8) 가 (Overhag)  
 (10) (6) (10) (6)

2 (12b) (10) (4)  
 , 2 (12b) ( ) (P2) 1 2 가 (12a) (12b)  
 (6) (P2) (4) 1 1 (22) , 2 (12b) 2  
 , 2 (20) , 2 (20) 2 (12b) 1 1 (12a) 가  
 (P1) (8) 'L' (12a) 가

1 (22) (2) , 1 1 가 TCP  
 (4) 1

2 (20) 가 (2) TCP 1 (22) 2 (20) 2 , 1 (22)  
 2 (20) FPC (12b) 2 ,

EL (4) 1 (22) 1 가 가 , 2 (12b) 2  
 (20) 2 가 가 (10) 가 (4) 2 가 (12b)  
 (4) 가

3a 3e 2  
 , (Sodalime) (2)  
 , 3a (4) (Indium - Tin - Oxide) (

P2) 1 (12a) (12a) 1 (12a) 1 (12a)  
 SnO2 (13)

(4) 1 (12a) (2) (Spin - Coating)  
 1 (12a) (6) (P1) (6)  
 1 (12a) (P1) 2 (12b) (P2)

(6) (2) (8) (8) (4)  
 3c (P1) (P2)

(8) (2) (P1) 3d  
 (10) (10) (8)

(10) (2) (Al) 3e  
 2 (12b) 2 (P2) (6)

1 (12a) (6) (35) 4 5  
 , 1 (12a) (6) (35) , (35)  
 (P2) (45) (Short) (P2) 1  
 (12a) (45) (P1) 2 (12b)

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6 , 7 6 ' - " ' - "  
6 7 가 EL (P2) EL (P1) , (P1)  
) (P1) (104) (P2) 1 (112a) 2 (112b)  
(106), (108) (110)  
) (104) (102) 1 가 (104) (  
(106) (104) (102) EL 가

(108) EL (104) 2 (112b) (110) 2 (112b)  
 , (108) , 가 (108) (Overhag) .  
 (110) (106) , (110) (106)  
 ,  
 2 (112b) (110) (104)  
 , 2 (112b) ( ) 2 가 .  
 (P2) (4) 1 1 (122) , 2 (112b) 2  
 2 (120) , 2 (120) 2 (112b) 1 (112a)가  
 , (P1) 1 (112a) 'L' (108)  
 1 (112a) (108) 1 (112a)  
 1 (122) (102) , 1 1 가 TCP  
 (104) 1  
 2 (120) (102) 1 (122) 2 (120) 2  
 2 가 TCP 2 (112b) 2  
 2b) EL (104) 1 (122) 1 가 가 , 2 (112b)  
 (120) 2 가 가 (110) 가 , (104) 2 (112b)  
 (104) 가 , 가  
 2a) 'L' (P1) (P1) 2 (108) 1 (112b) 1 (11  
 (102) (145) (108) , 8 9  
 (106) (135) 1 (112  
 a) 2 (112b) (102) (145) (112a) 가 가  
 (145) (108) 1 (112b) 가 가  
 (P1) 2 (112b) 가 가 ,  
 10a 10e 7  
 , (Sodalime) (102)  
 (P2) 1 (112a) , 10a (104)  
 e) SnO2 (P2) 1 (112a) - - (Indium - Tin - Oxid  
 112a) (113) (112a) 1 ( )  
 (104) 1 (112a) (102) (Spin - Coating)  
 1 (112a) (106) 10b (P1)  
 2 , (P2) (106) 1 (112a) (P1)  
 (112b) .  
 (106) (102) (108) (108)  
 10c (104) (P1) (108) (P2)  
 (145) (108) 'L' (P2) 1 (112a)  
 , (108) , (108)  
 (108) (102) (P1) 10d

(110) . (110) (108) .  
(110) (102) (Al) 10e  
2 (112b) . 2 (P2) (106)  
1 (112a) .  
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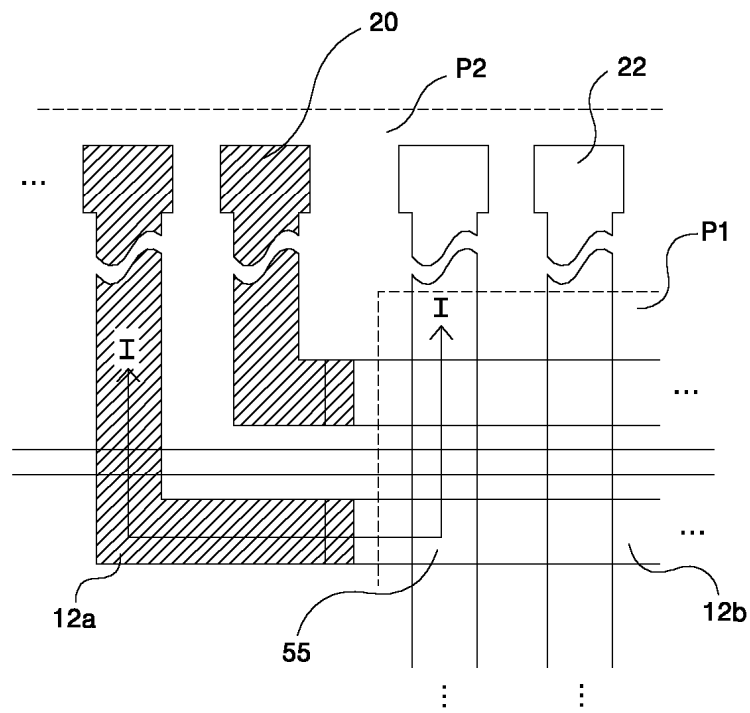
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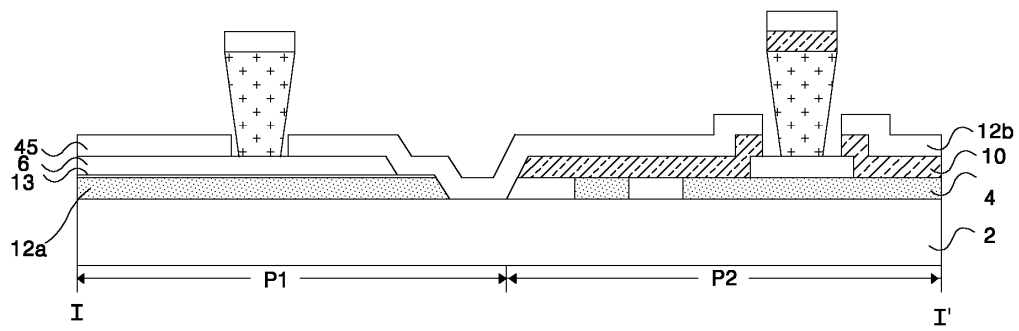
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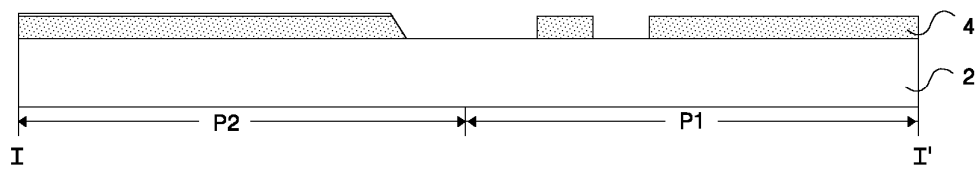
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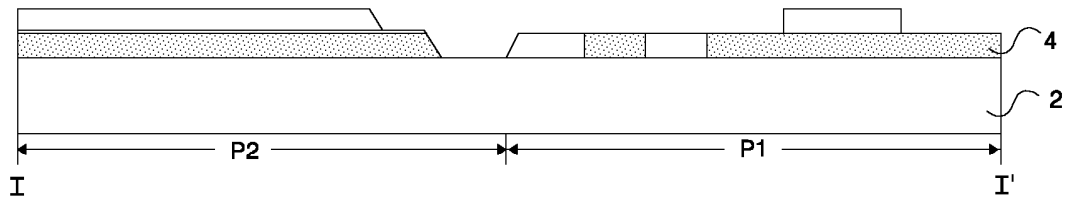
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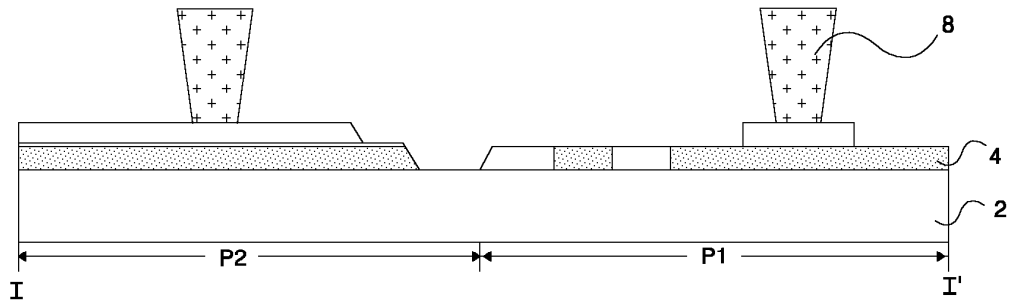
3a



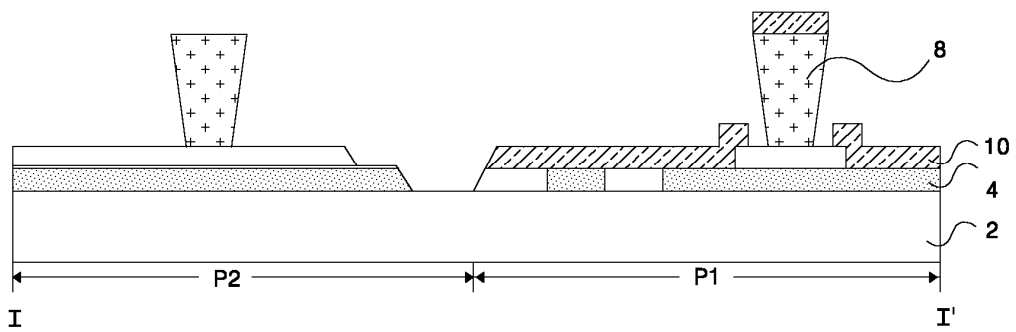
3b



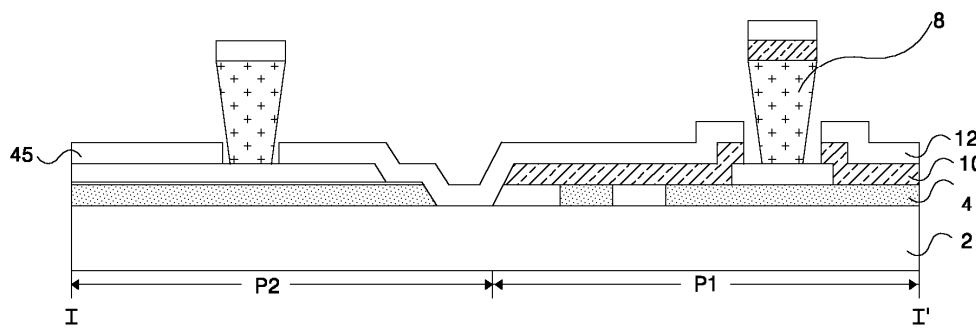
3c



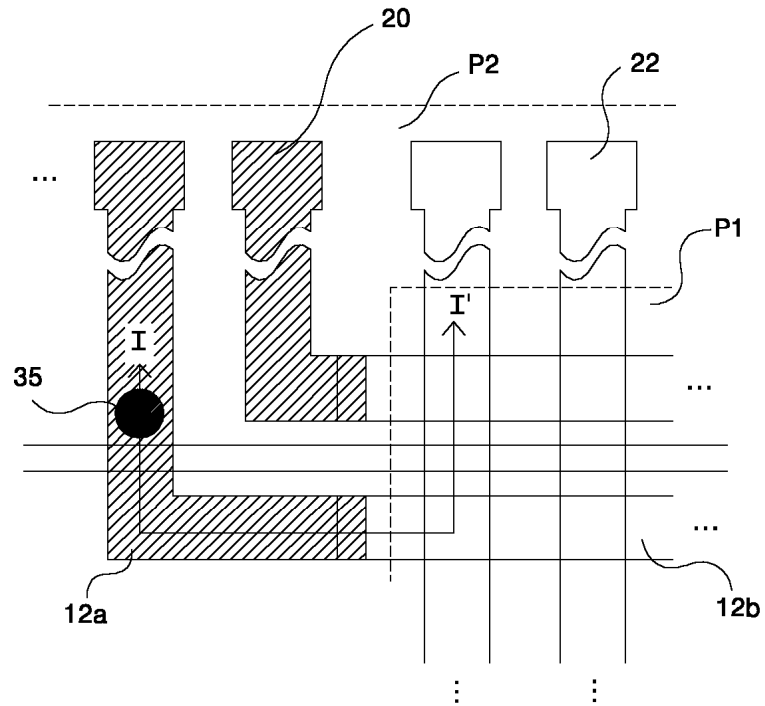
3d



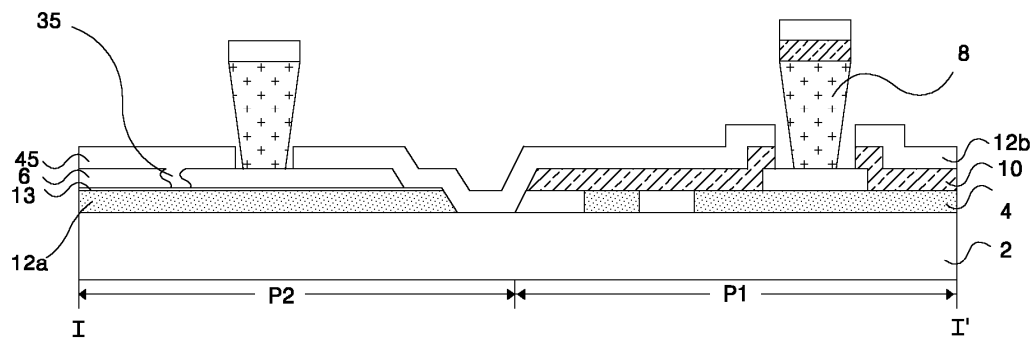
3e



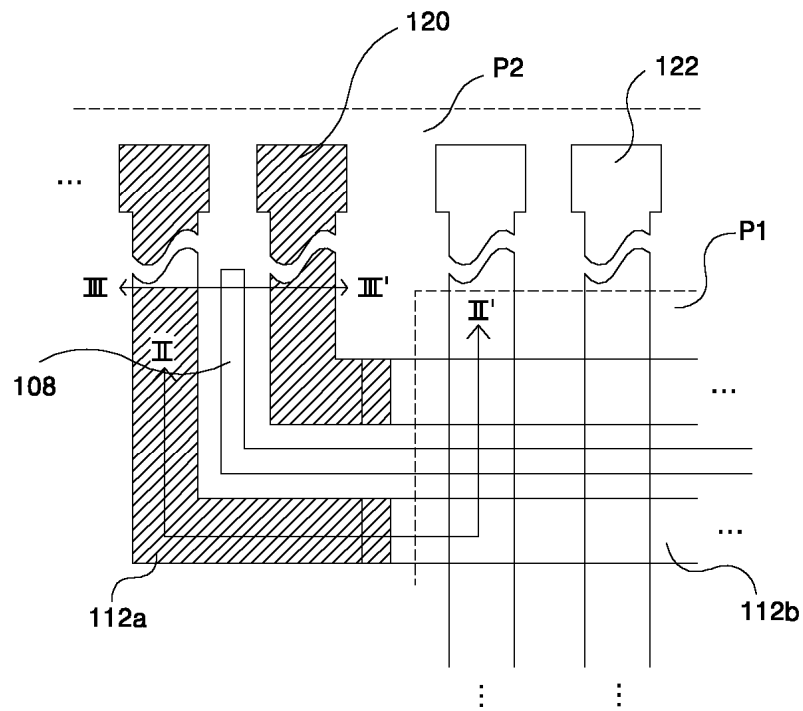
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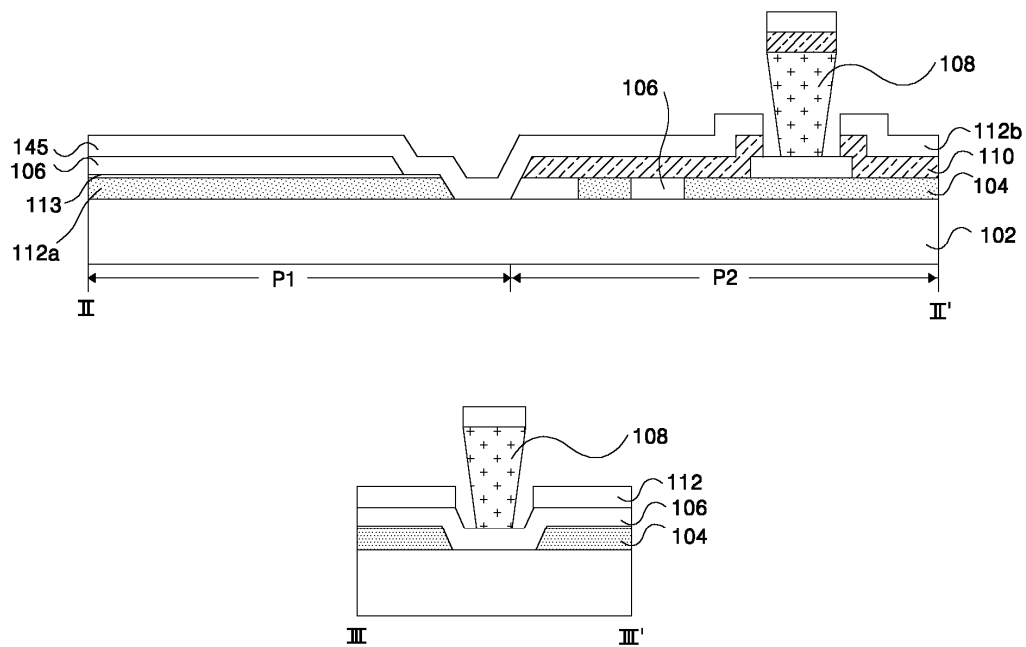
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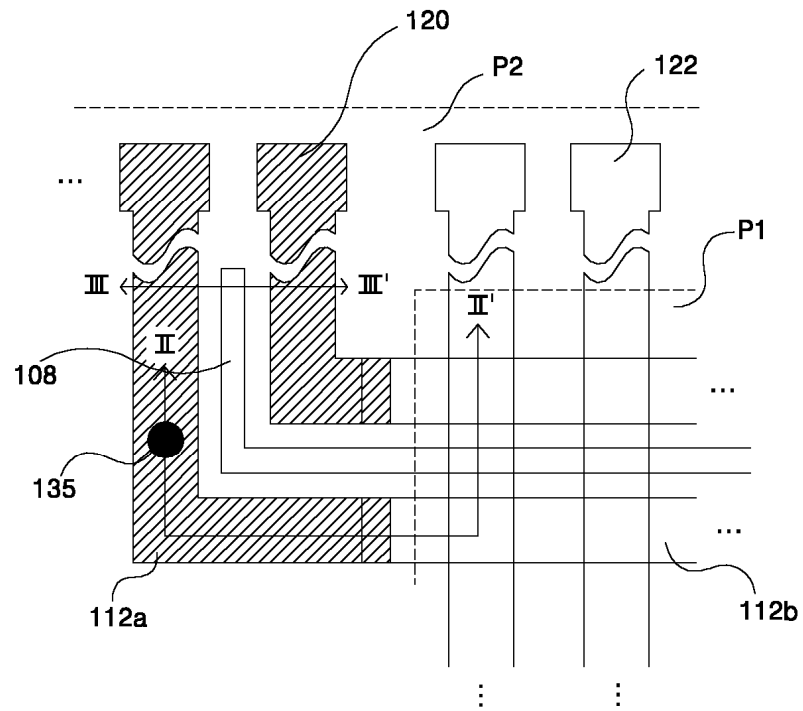
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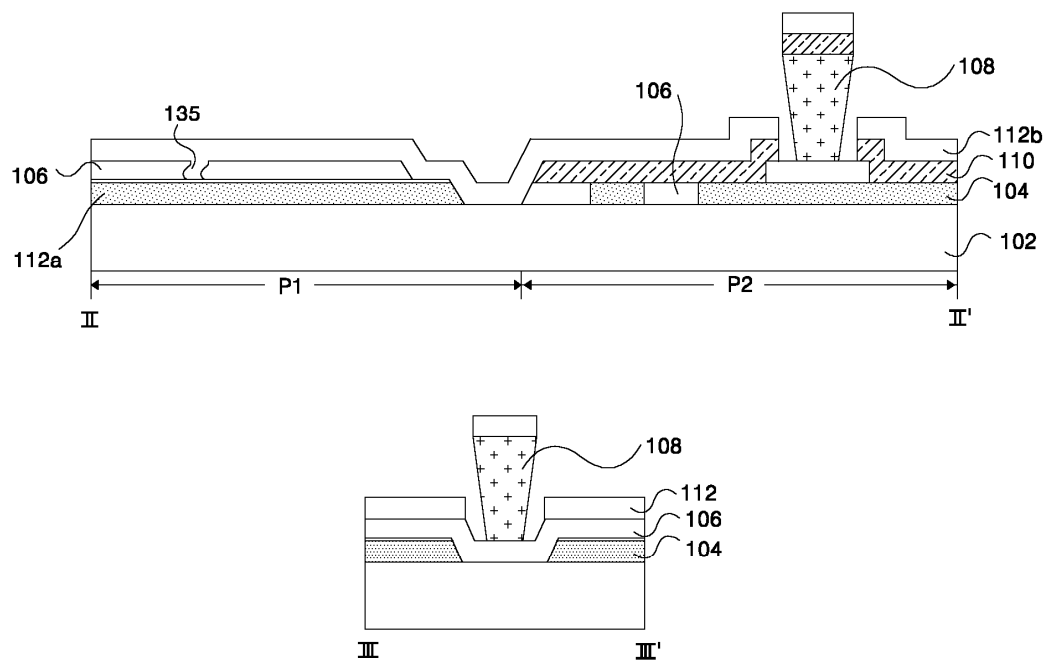
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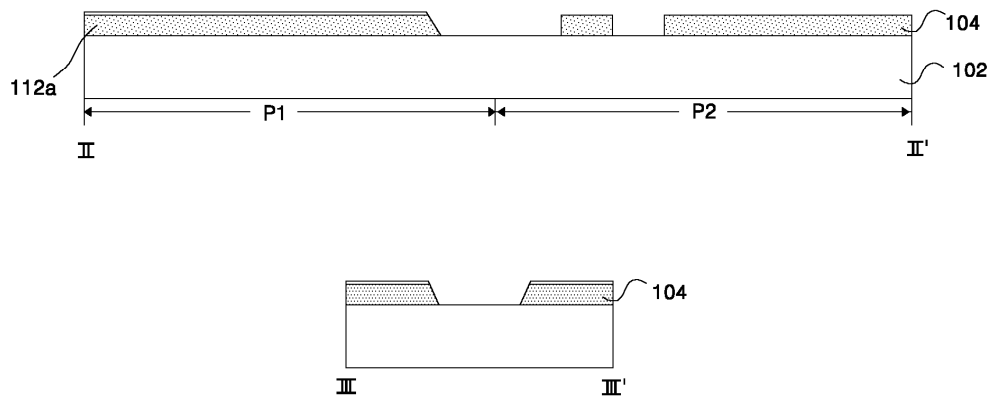
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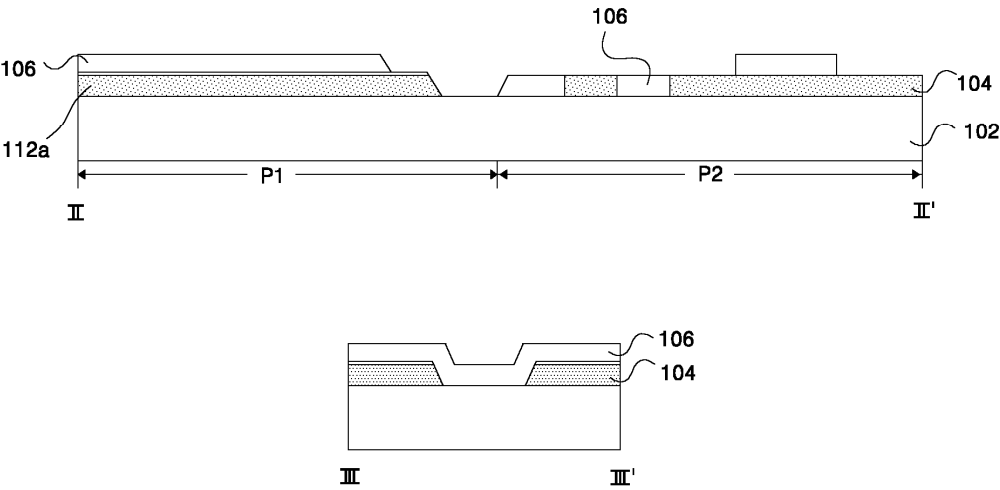
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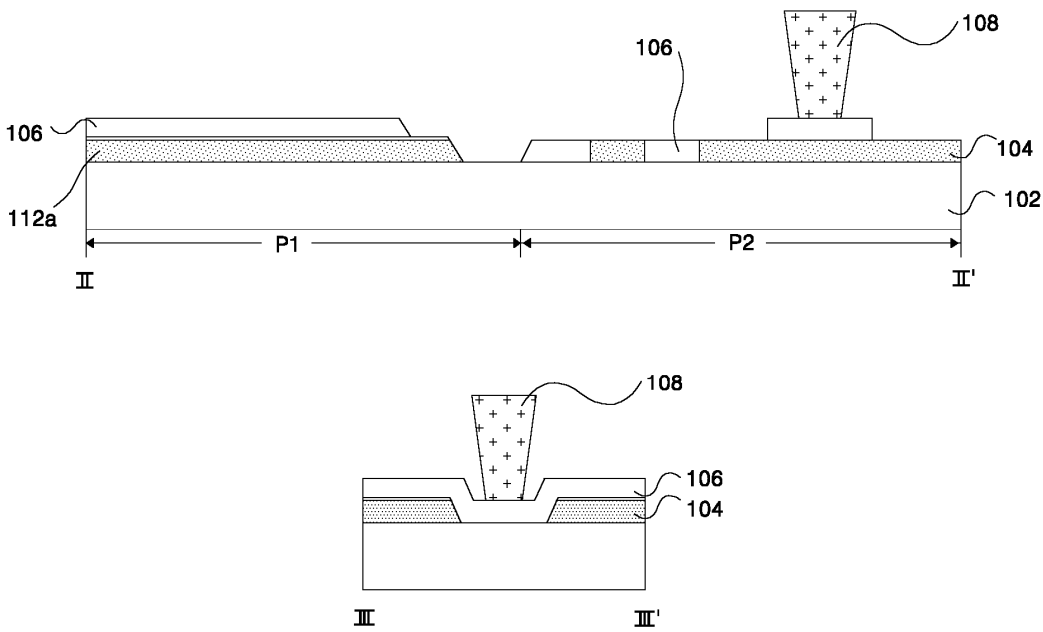
10a



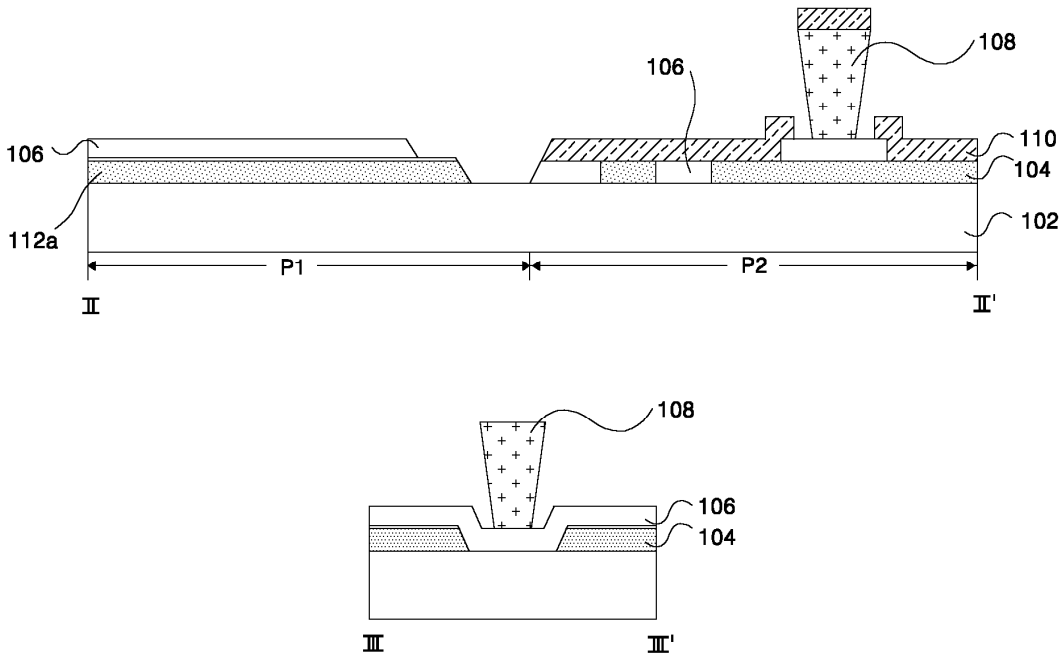
10b



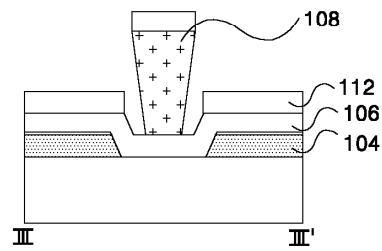
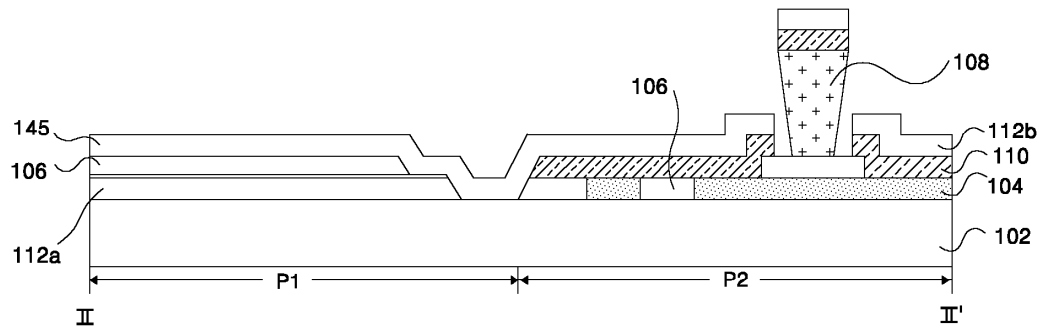
10c



10d



10e



|               |                                                                  |         |            |
|---------------|------------------------------------------------------------------|---------|------------|
| 专利名称(译)       | 有机电致发光显示装置及其制造方法                                                 |         |            |
| 公开(公告)号       | <a href="#">KR1020050014379A</a>                                 | 公开(公告)日 | 2005-02-07 |
| 申请号           | KR1020030052981                                                  | 申请日     | 2003-07-31 |
| 申请(专利权)人(译)   | LG电子公司                                                           |         |            |
| 当前申请(专利权)人(译) | LG电子公司                                                           |         |            |
| [标]发明人        | MO SUNGHO<br>모성호<br>BAIK KWANGHEUM<br>백광흠<br>LEE JUNGHWAN<br>이정환 |         |            |
| 发明人           | 모성호<br>백광흠<br>이정환                                                |         |            |
| IPC分类号        | H05B33/22                                                        |         |            |
| 代理人(译)        | 李 , SOO WOONG                                                    |         |            |
| 其他公开文献        | KR100705270B1                                                    |         |            |
| 外部链接          | <a href="#">Espacenet</a>                                        |         |            |

## 摘要(译)

目的：提供一种有机电致发光显示装置和方法，以通过防止异常发光来实现改善的屏幕质量。

