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, (120), / (130), 1 (100)  
 2 (110) (124) (140) 2 (110),  
 (150)

(120) 2 (124) / (130) 가 / (130)  
 (120) 2 (124)

T) / (130) 가 (polyethylene terephthalate resin, PE  
 2 (130) (124) , (120) 1 (122)  
 2 (124) (130) / (130)

(PET),

, (120) 1 (122) 1 (140) (140) 가 / (130) 2  
 (150) 가 , (120) 2 (124) 1 (122) (130)  
 , 2 (150) / (130) , (130) , 가  
 , 2 (150) / (130) , (130) , 가

(120) / (130) 2 (100) (110)

2 1

2 (120) , / (130) (100) (210) (110) (120) (220), 2 (210) (120) /  
 (120) (230) (210) (220) (210) (110) (210) (110)  
 , (120) / (130) (210) (220) (210) (110) (120) /  
 (130) (240) (240) (240) (240) (110) (110)

, (110) (Light Emitting Diode) (Cold Cathode Fl  
 uorescence Lamp) 가 , (240) (110)  
 , (110) (110) 가



2 (150) (230) (220) .  
 (230) 5 8 (231, 233, 235, 237) (220) (224) 가 , 5 8  
 (231, 233, 235, 237) (232) .  
 (232) 5 8 (231, 233, 235, 237) (220) (224) 가  
 (230) (232) (220) .  
 (230) (220) .  
 , (230) 5 8 (231, 233, 235, 237) ( ) 2 가 (150) (234)  
 ,  
 , 2 , 2 (100) 1 (230)  
 6 2 , , 7 6 D-D  
 ,  
 6 7 , (230) 2 , (110) (220)  
 (120) 2 (124) , , (120)  
 , (230) 5 (230) 가 (231) 7 A C , 5 (232) , 6 (110)  
 (233) (230) (233) (230)  
 , (230) (230) , (230)  
 , (230) (240) / (130) (230) (230) (231, 233, 235, 237)  
 (230) (240) , , (230) (130) 2  
 2 (100) (110) (120)  
 , , (230)  
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 , (440) , 1 (140), 2 (400) (110) ,  
 (440) (430) 1 (410) , 2 (420), 1 (410) 2 (420)

, (110) 1 (410) 1 (410) 1 (140) 2  
 (420) . (110) (430) (414) 가 , 2 (420) 2  
 (412) , (422) , (430) (414) 가 , 2 (420) 2  
 (150) (422) . (430) (414) 가 , 2 (420) 2  
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 가 가 , , 1 (410) 1  
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 9 8  
 9 , (440) , (110) (440) (400) (110) , (2  
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 (410) 2 (410) (422) (412) , 2 (420) 1 (410) (424) (430) 1  
 2 (410) (420) (412) (422) 1 , 2 (420) (422) 1  
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 , (220) 2 (222) 2 (420) (422) (420) (224) 가  
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 10 , (620) 2 (600) (610),  
 (100) (100) (630) (640)  
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 (610) 1 (122) (122) (140) 1  
 가

) , (120) 2 (124) (620) / (640) (130) 2 (150) (640)  
 2 가 , (610) 10 (620) (620) (610) (620) (620)  
 0) (610) (620) (100) (610) (230)  
 , (230) (100) / , (130) (230) (230)  
 , (600) (610) (610) 가 (630)  
 (650) (620) 가 (640)  
 (660) (660)  
 11 10 (610) (620) 가 , (620)  
 11 , (610) (614), (616) (618)  
 2 (614) (612) 1 (611), (611) 1 (611) 2 (612) 1 (611)  
 , 2 (612) 1 가 2 , ,  
 , (Thin Film Transistor; , TFT) 가  
 2 (612) (616) 가 (616)  
 , COG(Chip On Glass) 2 (612)  
 , (616) (618) 가 2 (612)  
 2 (612) (616) (616)  
 , (618) ,  
 (120), / (130) (600) (110) ,  
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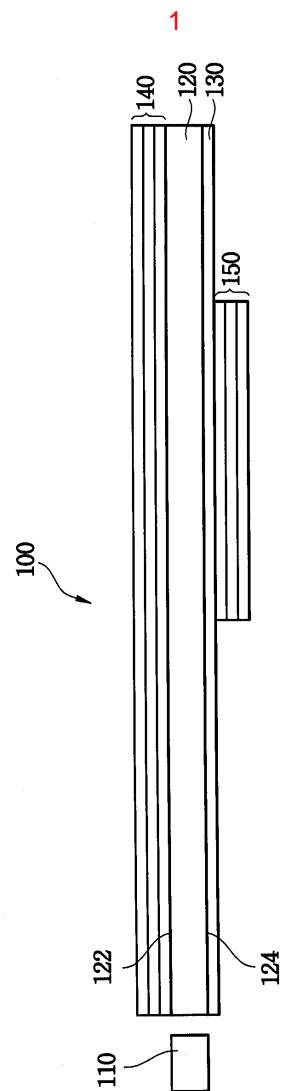
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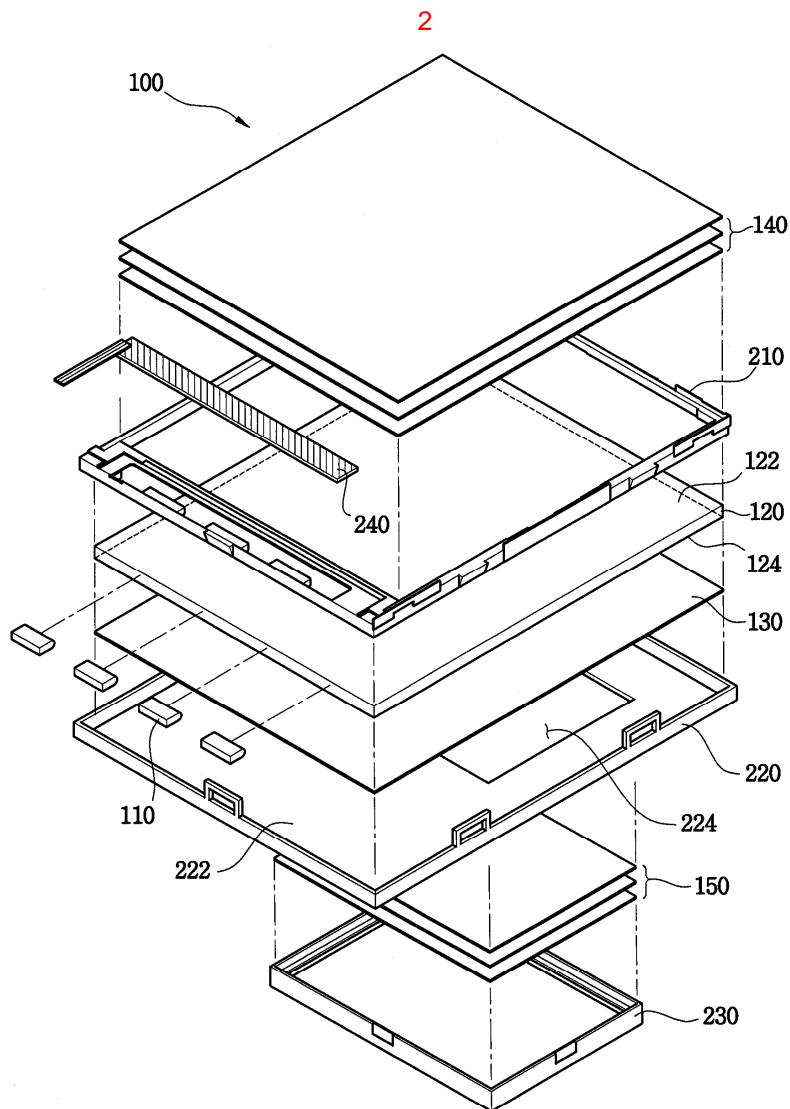
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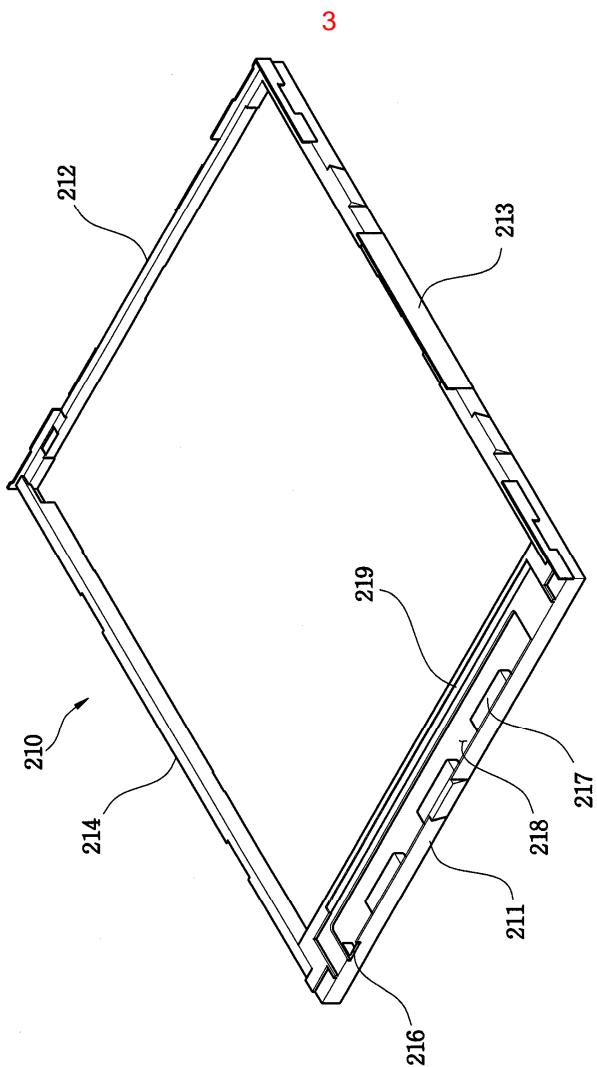
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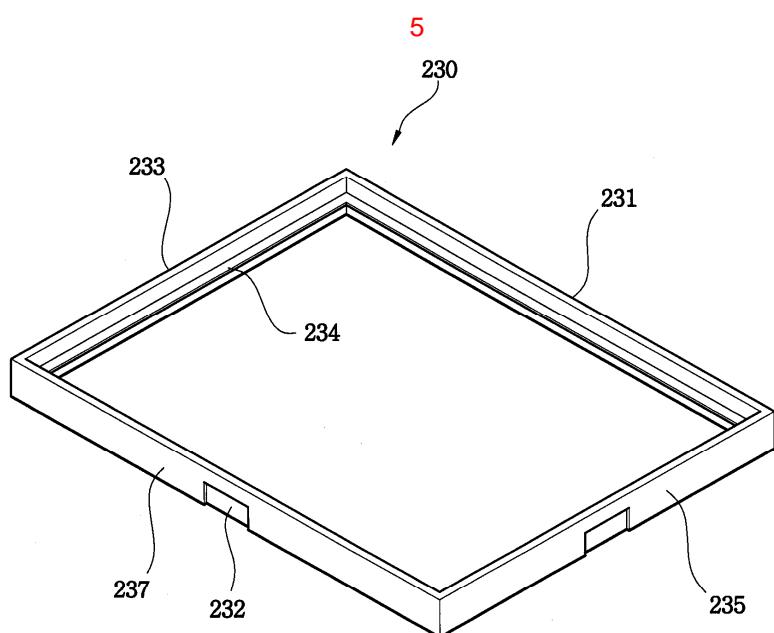
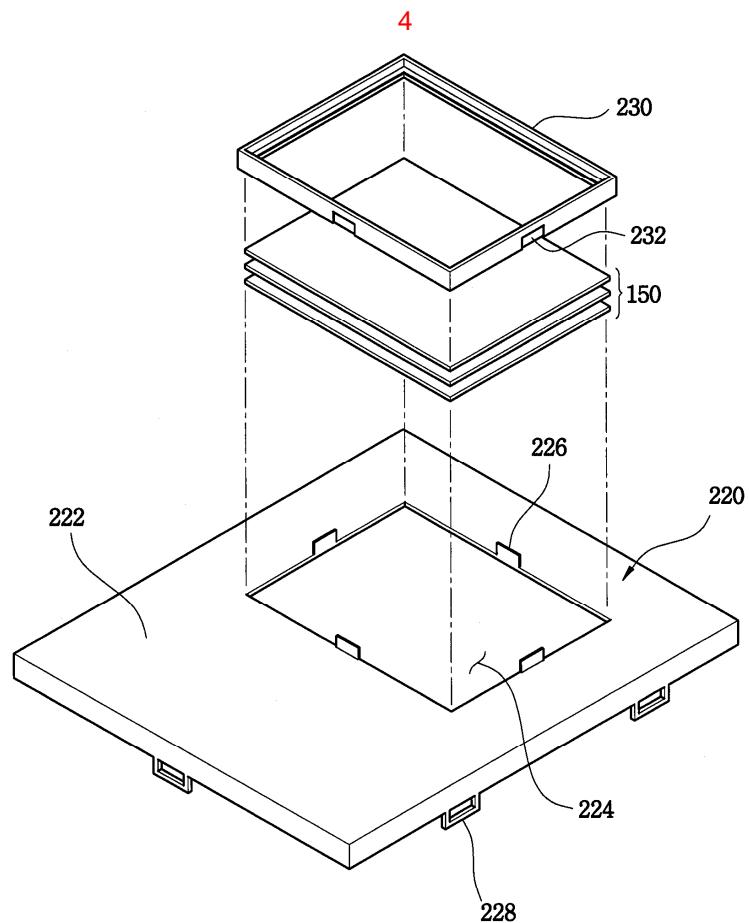
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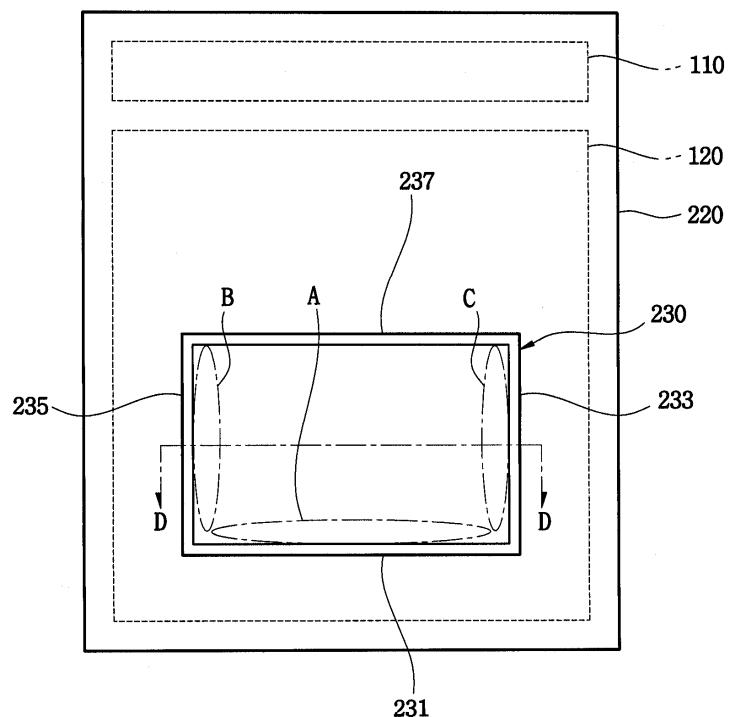




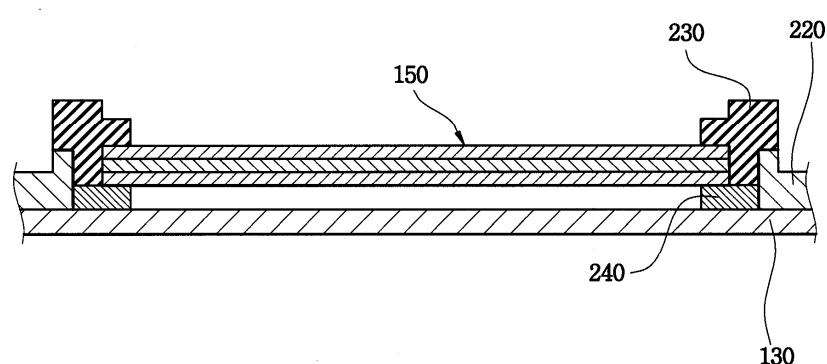


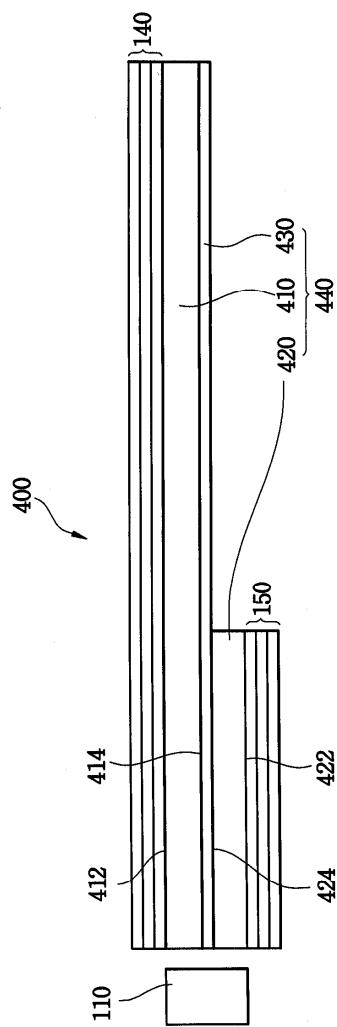


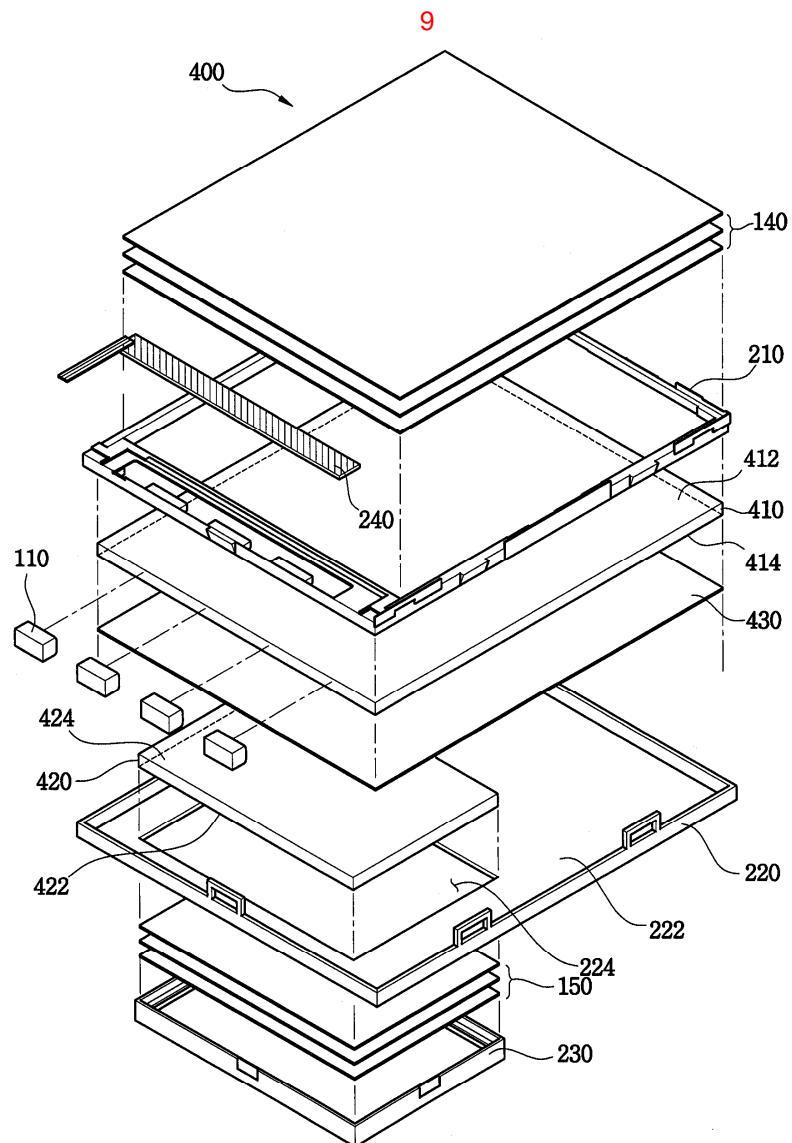
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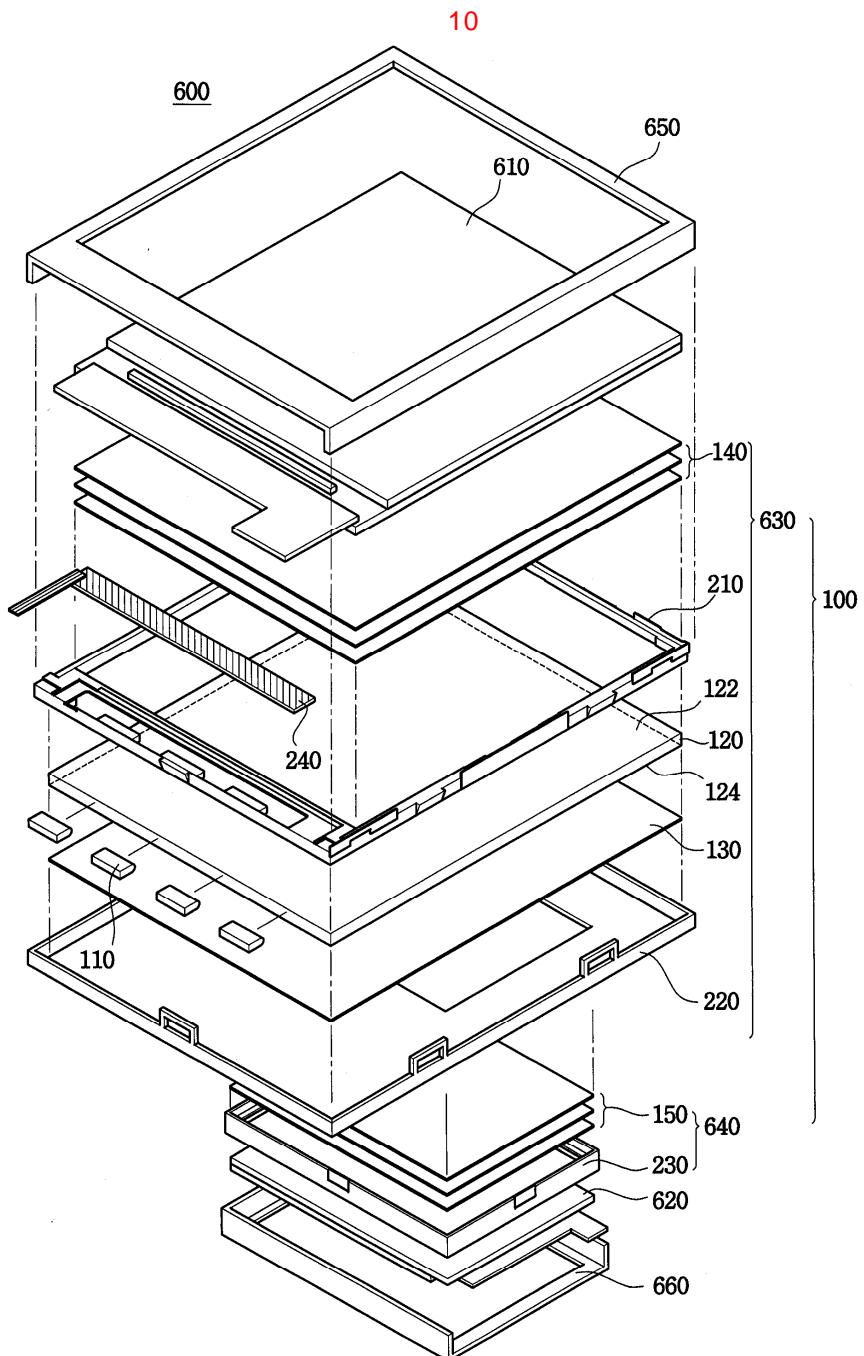


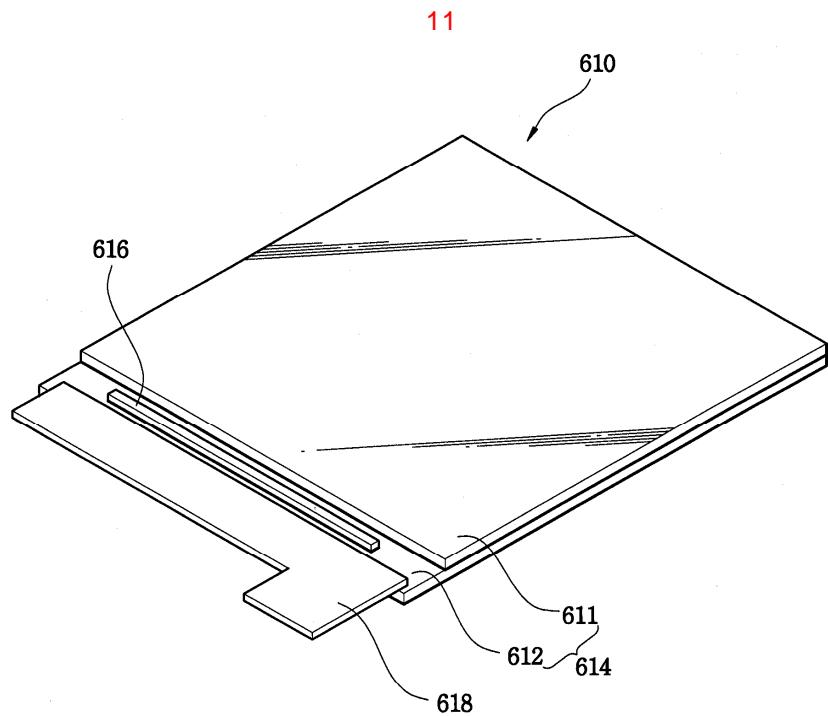
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|----------------|---|---------|------------|
| 专利名称(译)        | 双向背光组件和使用该双向背光组件的双向液晶显示器  |         |            |
| 公开(公告)号        | <a href="#">KR1020050001726A</a>  | 公开(公告)日 | 2005-01-07 |
| 申请号            | KR1020030042007   | 申请日     | 2003-06-26 |
| [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         | HAN BYUNGWOONG<br>한병웅<br>LEE SANGHEE<br>이상희<br>KIM JAEKWANG<br>김재광<br>CHU YOUNGBEE<br>주영비<br>KIM KYUSEOK<br>김규석 |         |            |
| 发明人            | 한병웅<br>이상희<br>김재광<br>주영비<br>김규석   |         |            |
| IPC分类号         | G02F1/13357 G02F1/1335  |         |            |
| CPC分类号         | G02B6/0088 G02F1/133608 G02F2001/133342 G02B6/0063 G02F1/133615   |         |            |
| 代理人(译)         | PARK , YOUNG WOO  |         |            |
| 其他公开文献         | <a href="#">KR100953424B1</a>   |         |            |
| 外部链接           | <a href="#">Espacenet</a>   |         |            |

### 摘要(译)

公开了一种双向背光组件，其在两个方向上显示屏幕，以及使用该双向背光组件的双向液晶显示器。双向背光组件从一个光源产生的光被分成具有主LCD面板的第一方向和具有副LCD面板的第二方向并供应。此外，接收副LCD面板的子模具包括防止光反射的黑色材料。因此，去除了副LCD组件中产生的漏光现象，减少了背光组件的厚度，并且可以提高显示质量。双向背光组件，导光板，反射/渗透片，主模，副模。

