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2 108 1003

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

, (110) (120) 1 (122) , 1 (122)
2 (124) (120) (110)

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

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

(PET)

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

, 2 (150) / (130) 가
가 가 , / (130) 가

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

2 1

2 (120) , / (130) (100) (110) (120) (210) , (210) ,
(230) (210) (220), 2 (150)

, (120) / (130) (210) (120) /
(130) (210) (220) (210) (110) (110)

가 (240)

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

(220) (222) / (130) (224)가 .
 , (220) (224) 2 (150)가 , 2
 (150) (230)가 (220) (224) .

(120) 1 (122) 1 (140) (100) (210) (12
 0) 2 (124) / (130) 2 (220) (224)

3 2 .

3 , (210) 1 4 (211, 212, 213, 214) , 1
 (211) (110) (240) , 1 (211) 2 (212) 3 (213) 1 (211)
 4 (214) , 1 (140) .

, (210) 1 (211) .

1 (211) (216), (217), (218) (219) .

, (216) 1 (211) , (216)
 (240) .

(240) (110) (240) , .

(217) (210) , (120) (110) (240)
 , (110) .

(218) 1 (211) (217) , (110),

(219) (217) , 1 (211)
 (240) (120) .

0) (210) 1 4 (211, 212, 213, 214) (22

4 2 , 5 4

4 5 , (220) (222) (224)가 ,
 (224) (210) (230) (226)가 (220)

(228)가 .

(220) (228) (210) 1 4 (211, 212,
 213, 214) (210) .

, 2 (150) (220) (224) (224)
 , 2 (150) (220) (224) 2
 1 .

, (220) (224) (120) 2 (124) / (130) .

1 가

2 (150) (230) (220) .

(230) 5 8 (231, 233, 235, 237) 가 , 5 8
 (231, 233, 235, 237) (220) (224) (226)
 (232) .

, (232) 5 8 (231, 233, 235, 237) 가
 , 2 (150) (220) (224)
 (230) (232) (220) (226) 2 (150)
 (230) (220) .

, (230) 5 8 (231, 233, 235, 237) 2 가 (150)
 가 , () 가 (234)

, 2 (100) 1 (230)
 2 , 2

6 2 , 7 6 D-D

6 7 , (230) 2 (220)
 (120) 2 (124) , (110) (120)
 / (130) , (230)가 ,

, (230)가 (110)
 (230) 5 (231) A , 5 (232) 6 (233) B , 6
 (233) 7 C

, (230) (230) , (230) .

, (230) (240) 가

, (240) / (130) (230) (231, 233, 235, 237)
 (240) / (130) 2
 (230) , (230)

, (100) (110) (120)
 2 , (230)

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8 , (440) , 1 (140), 2 (400) (150) (110) ,
 (440) 1 (410) , 2 (420), 1 (410) 2 (420)
 (430) .

, (110) 1 (410) 2
 (420) (110)
 (412) , (430)
 (150) (422) , (430) 1 (410) 1 (140) 2
 (414) 가 , 2 (420) 2
 (424)
 0) (110) 1 (410) (412) 가 (110) 2 (420) (43)
 (412) (422) (430)
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 , 2 (420) 1 (410) 가 가
 가 가 , 1 (410) 가
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 (410, 420) (430) 2 (400) (110)
 9 8
 9 , (400) (110) , (2
 20), (230) (440) , (110) (440) (210) ,
 (440) 1 (410) , 2 (420), 1 (410) 2 (420)
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 , (110) 1 (410) 2 (420) , 1
 (410) 2 (420) (430) , 1 (410) (414)
 1 (410) (412) , 2 (420) (424)
 2 (420) (422) (430) , 1
 (410) (412) 1 , 2 (420) (422) 1
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 (440) (210) (220)
 , (220) (222) 2 (420) (224)가
 (224) 2 (420) (422) ,
 (110) 2 (420) (110)
 (220) (224) (230) 가 , (230)
 (230) 2 (420)
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 10 , (600) (610),
 (620) 2 (100)
 (100) (630) (640)
 , (610) (630)
 (610) (120) 1 (122) 1 (140) 1
 가

) , (120) 2 (620) (124) 가 (640) (130) 2 (150) (640)
 , (610) 10 (620) (610) (620)
 0) (610) (62) (620) (610) (230) (100)
 , (230) (100) / , (230) (130)
 , (600) (650) (660) (610)가 (620)가 (630) (640)
 11 10 (610) (620) 가 , (620)
 11 , (610) (614), (616) (618)
 2 (614) 1 (611), 1 (611) 2 (612) 1 (611)
 (612) ()
 , 2 (612) 가 1 2 (Thin Film Transistor; , TFT)가
 2 (612) (616) 가 (616)
 , COG(Chip On Glass) 2 (612)
 , (616) 2 (612) (618) (616) 가
 (618)가 (618) 2 (612)
 (120), / (130) (600) (110) , (100)
 (610) (620)

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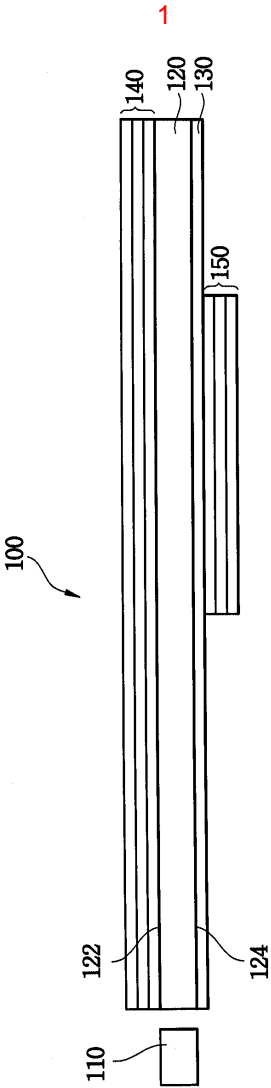
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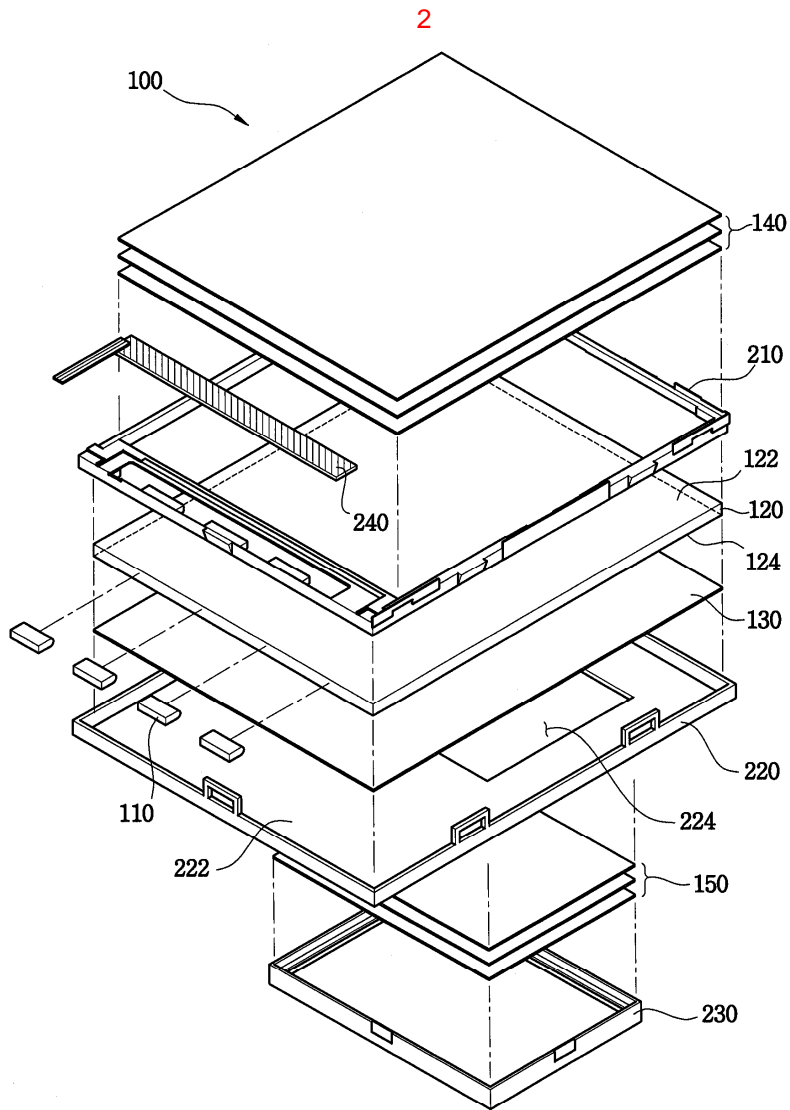
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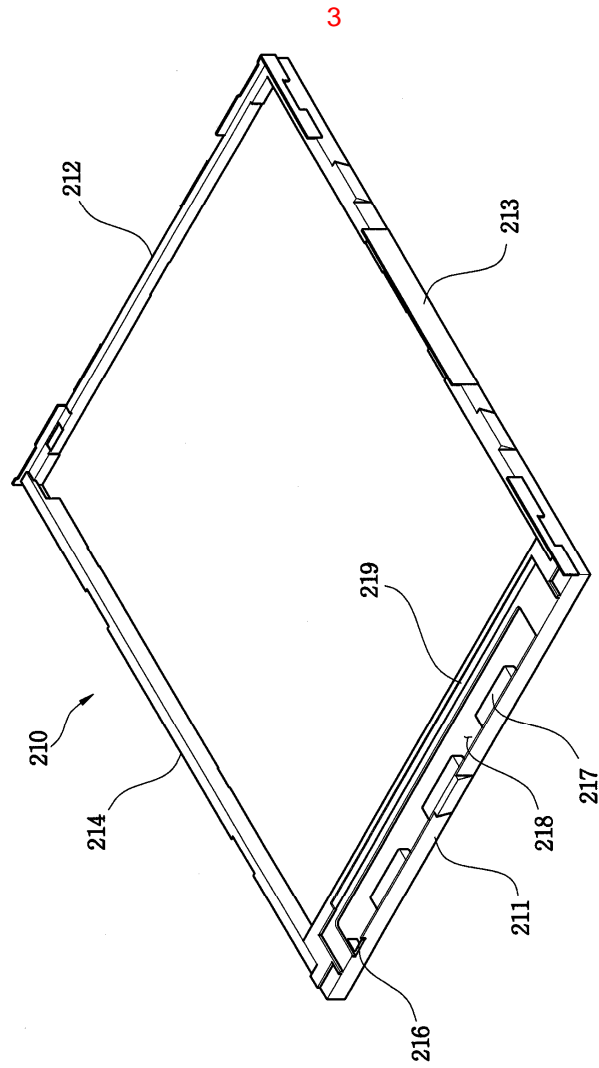
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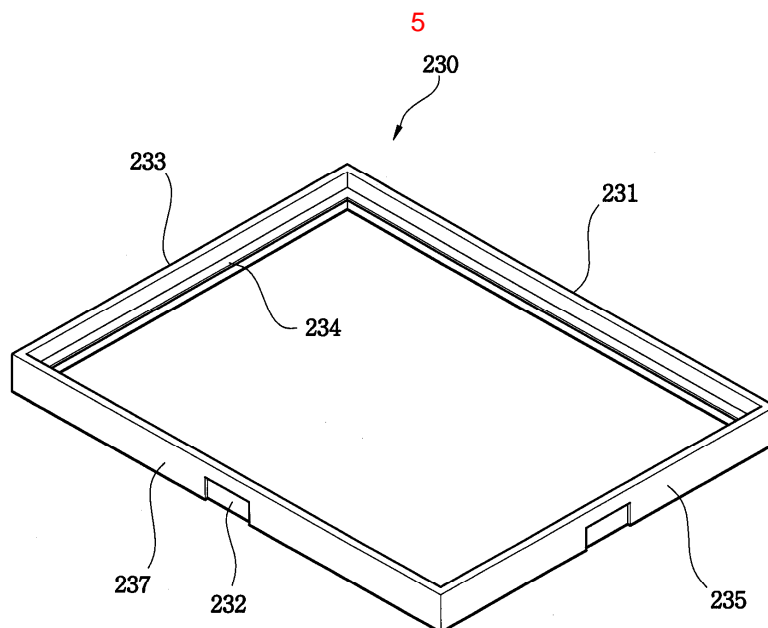
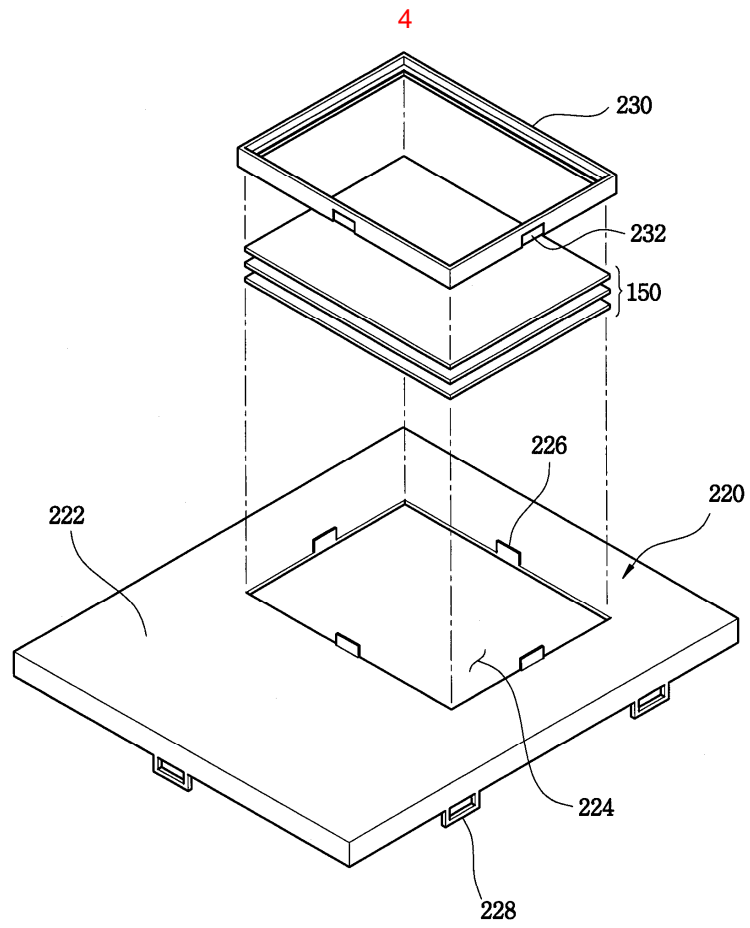
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- 14 15. / ,
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- 12 17. 가 ,

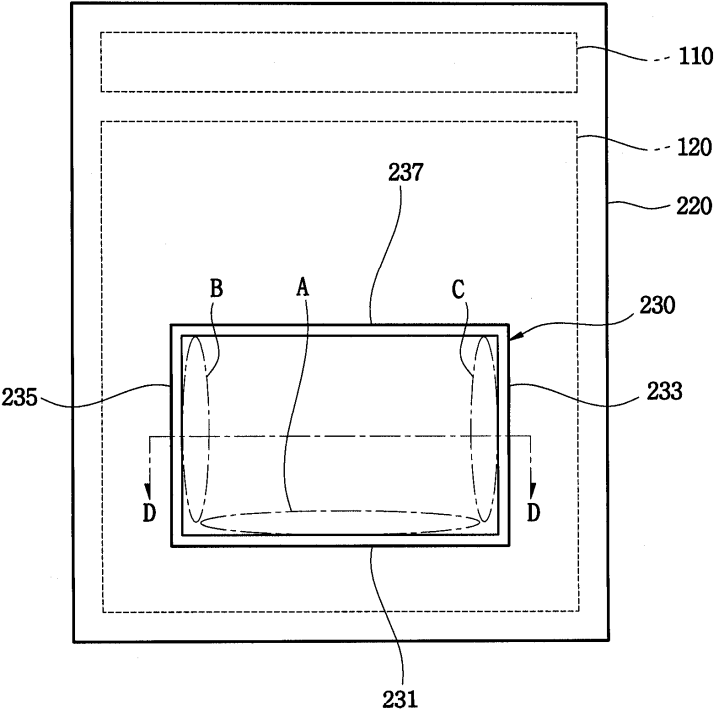




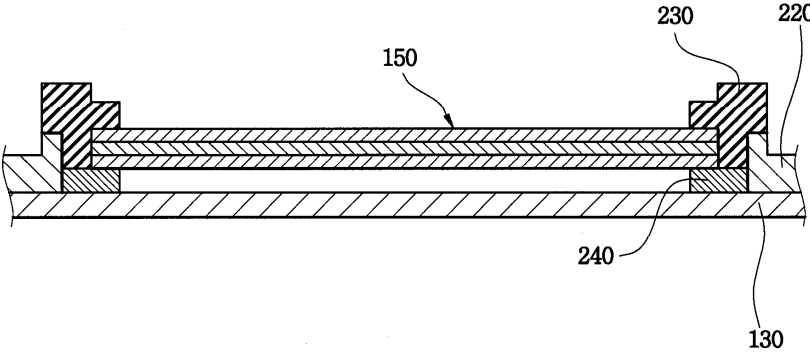


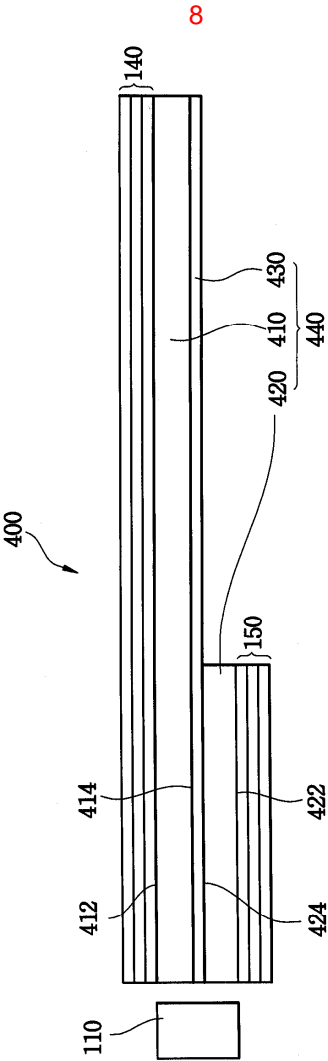


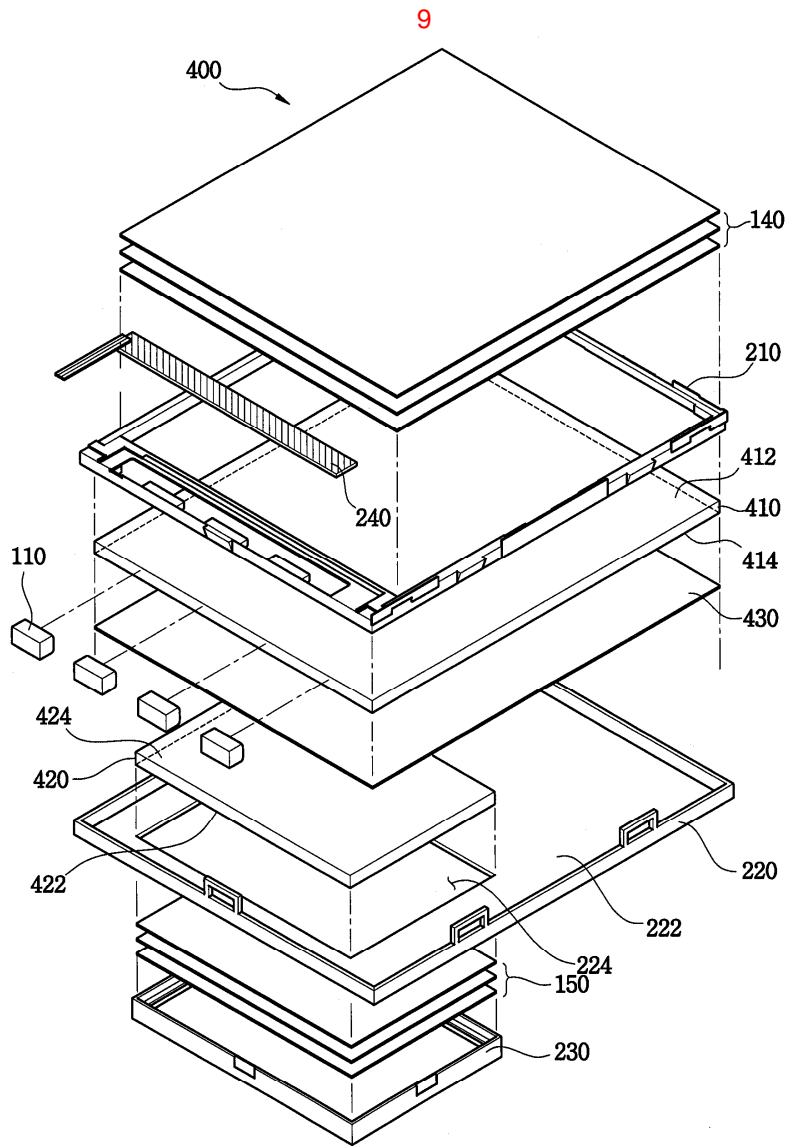
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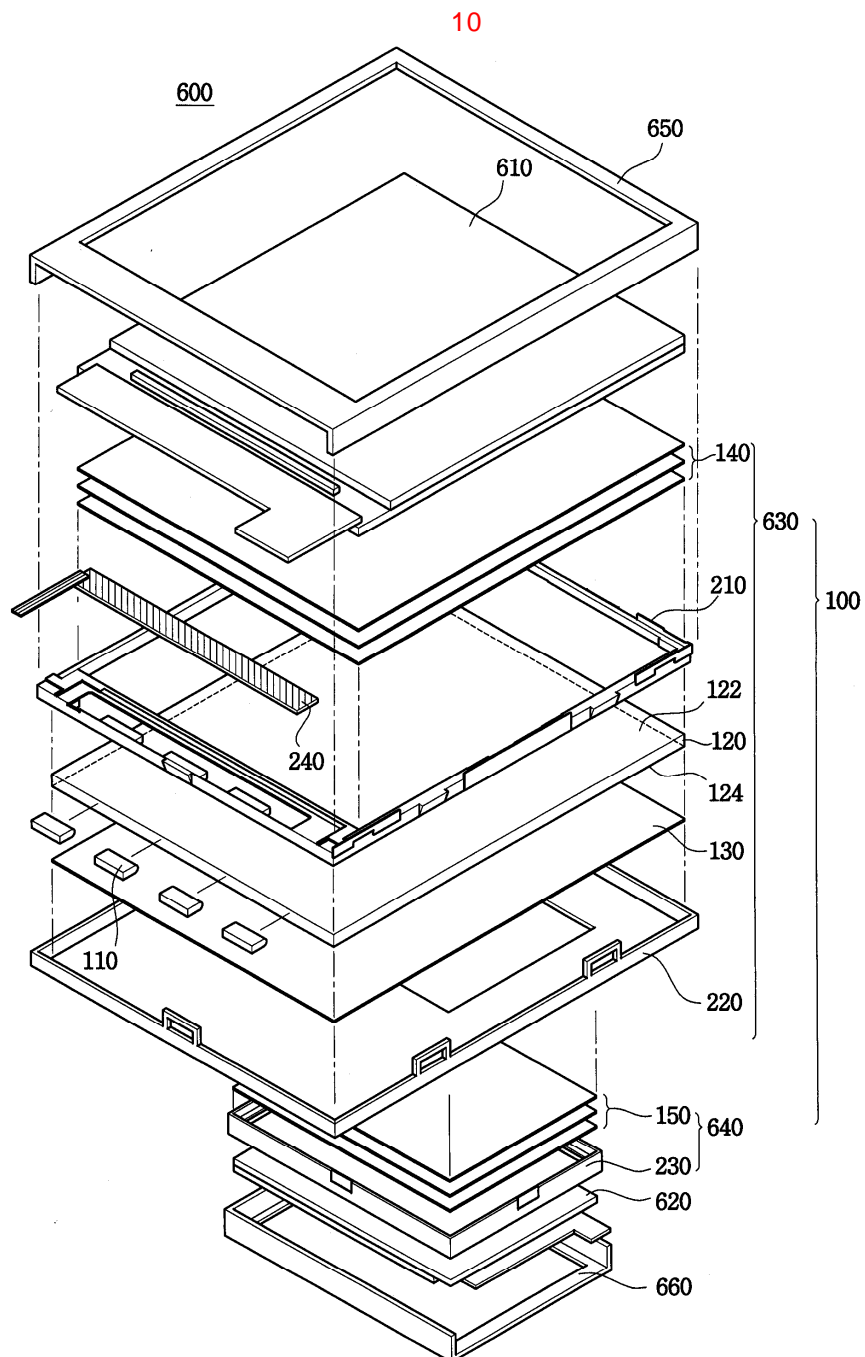


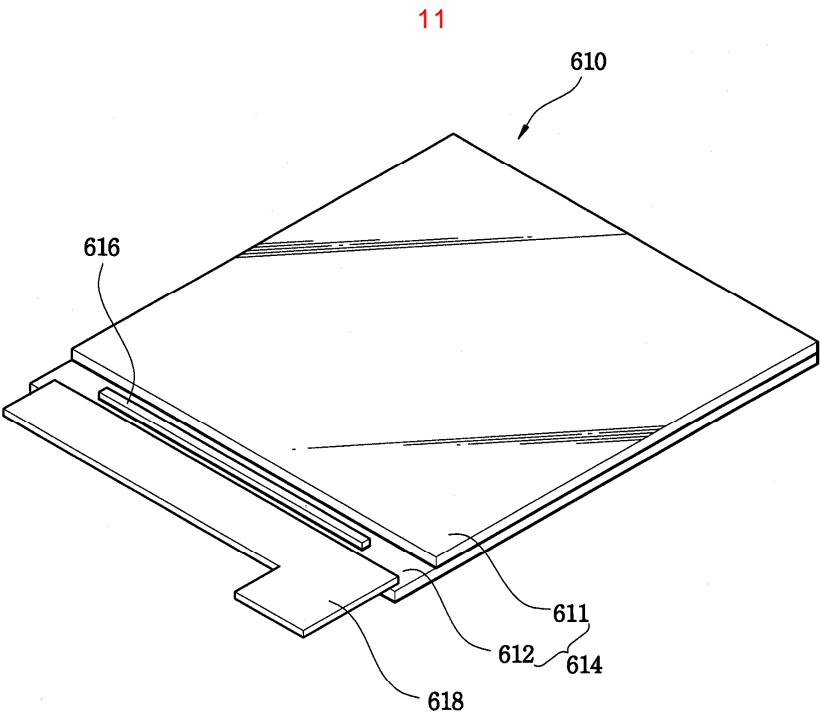
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专利名称(译)	双向背光组件和使用该双向背光组件的双向液晶显示器		
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IPC分类号	G02F1/13357 G02F1/1335		
CPC分类号	G02B6/0088 G02F1/133608 G02F2001/133342 G02B6/0063 G02F1/133615		
代理人(译)	PARK , YOUNG WOO		
其他公开文献	KR100953424B1		
外部链接	Espacenet		

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。

