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102 : 104 :

202 : 204 :

310 : 320 :

330 : 340 :

가 , 2 ,

TN(Twisted Nematic) TN (passive matrix) STN(Super - Twisted Nematic) (Active matrix) STN

TFT - LCD TFT LC

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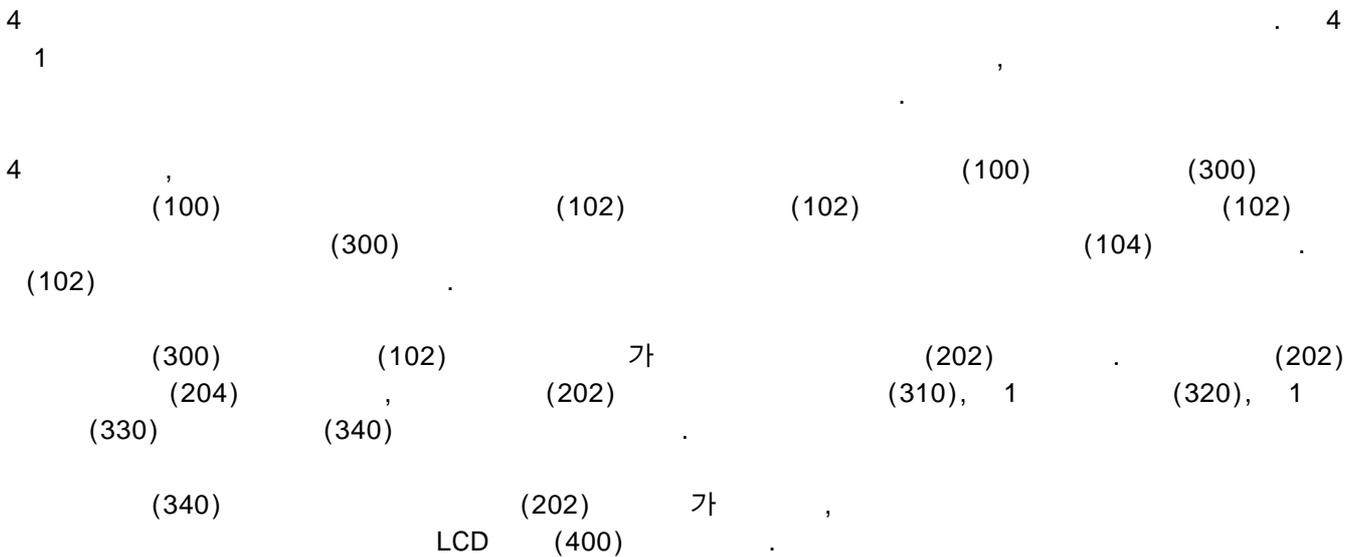
1 2 , (12), (12) 가  
 (20), (12) (20) (14) (12)  
 , (12) (20) (14)  
 , (12) (20) . (14)  
 (20) (12) LCD (15) 가 ,  
 LCD (15) ( )  
 ).  
 (20) (22) , (20) (32), 1 (34), 2  
 (36) (38) .  
 (22) (20) (20) LCD  
 (15) (20) .  
 (20) 1 (34) (32) (20)  
 (22) (32) (beads, 32a, 32b)  
 (32) (32) 1 2 (34, 36)  
 (32) LCD (40) 1 2 .  
 2 (36) LCD (40) (38) (38) 2  
 (36) , (beads, 38a) 1 2 ( )  
 34, 36) (moire) (rainbow) (20)  
 LCD (40) .  
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 가 . ,  
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 (38) , 1 (34) (38) (39) ,  
 (38) (38) 1 (34) .  
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2) (202) LCD (400) (102) LCD (400) (104)가 , (202) (10) ( ) .

(204) (20) LCD (400) LCD (400) (202)

(202) 1 (320) (310) (202) (310)

(beads, 312, 314) 4 (204)

1 (310) 1 (320) (310)

LCD (34, 36) (400)

1 (320) LCD (400) 1 (330) (340)

1 (330) 가 ( 4 ) (340) 1 (320)

(moire) (rainbow) (102)

LCD (400) , 1 (340)

(embossing) (matte) (340)

5 9 4

, 5 (202) LCD (400) (310), 1 ( )

320), 1 (330) (340) (310) (312, 314)

(204)

, (340) 1 (341)

가 , 1 (330) 가

1 (330) 1 (330) 1 (330) (320)

(340)

, 1 (330) (340) , 1 (330)

1 (320) 가 (202) LCD (400)

6 1 (330) 2 (331)

6 LCD 2 (331) LCD (400) (340)

LCD (400) 2 (331) 1 (320)

330) , 2 (331) LCD (400) 2 (340)

, 1 (330) 7 3 (332) (340)

3 , 7 (332) (202) LCD (400) (310), 1 (320)  
 (204) 가 , (310) (312, 314)

3 (332) 1 (320)  
 (332b) , 3 (332) (332a)

3 (332) (332a) 1 (320)

, 2 , 8 9 5 7 1 8 9

8 , (202) LCD (400) 7 1 (320)  
 2 (321) 3 (332) , 2 (321)  
 (202)

3 (332) 2 (321)  
 (332b) , 3 (332) 2 2 (321)  
 (202) (332a) , 2 (321) 가  
 (321a) 3 (332) (321) (2  
 02) 2 (321) (202) 2 (321)

9 2 (340) ,

9 , (202) LCD (400) 2 (321), 3 (350),  
 4 (334) (340)

2 (321) (202) (321a)  
 , 3 (350) 2 (321)  
 가 (350a)

4 (334) (340) 3 (350)  
 4 (334) LCD 1 (400) (340) 가 2 3  
 (321, 350) (341) .  
 , 4 (334) 7 8 3 (332)  
 , 9 (340) .  
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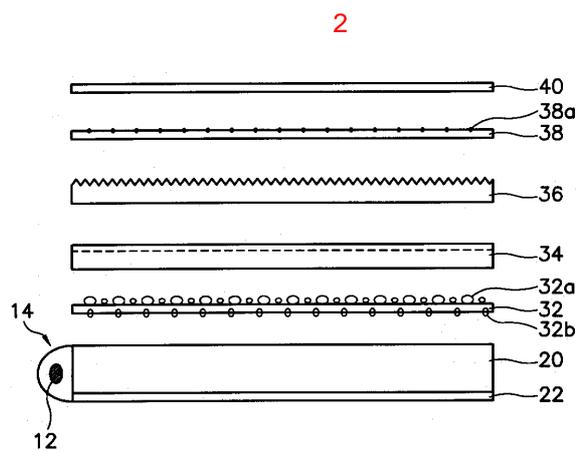
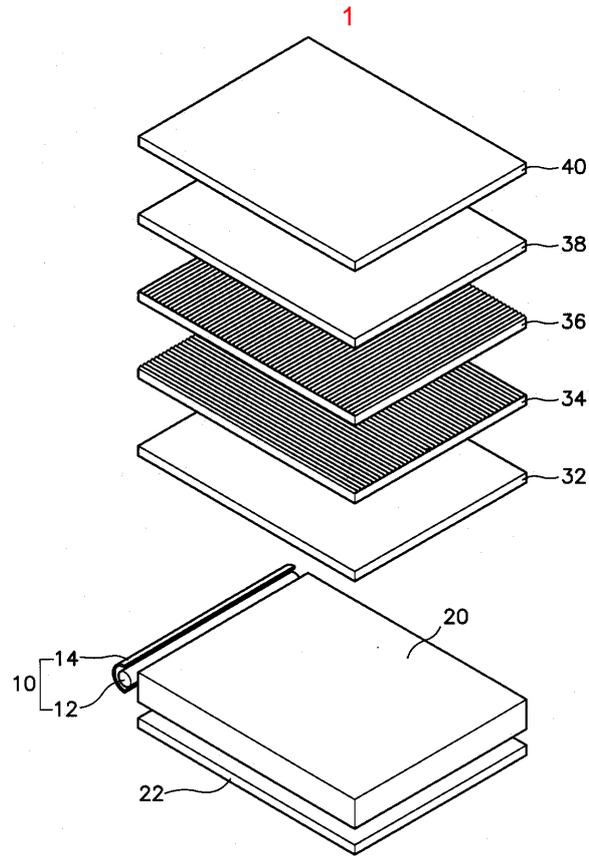
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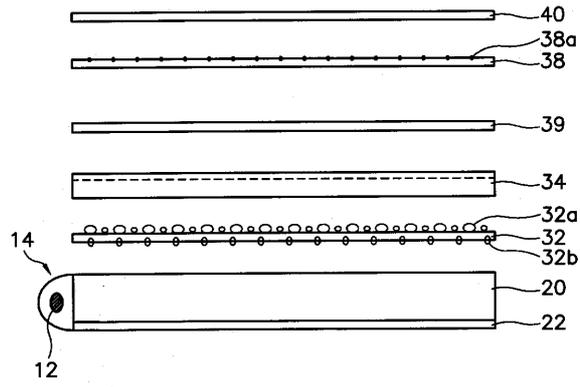
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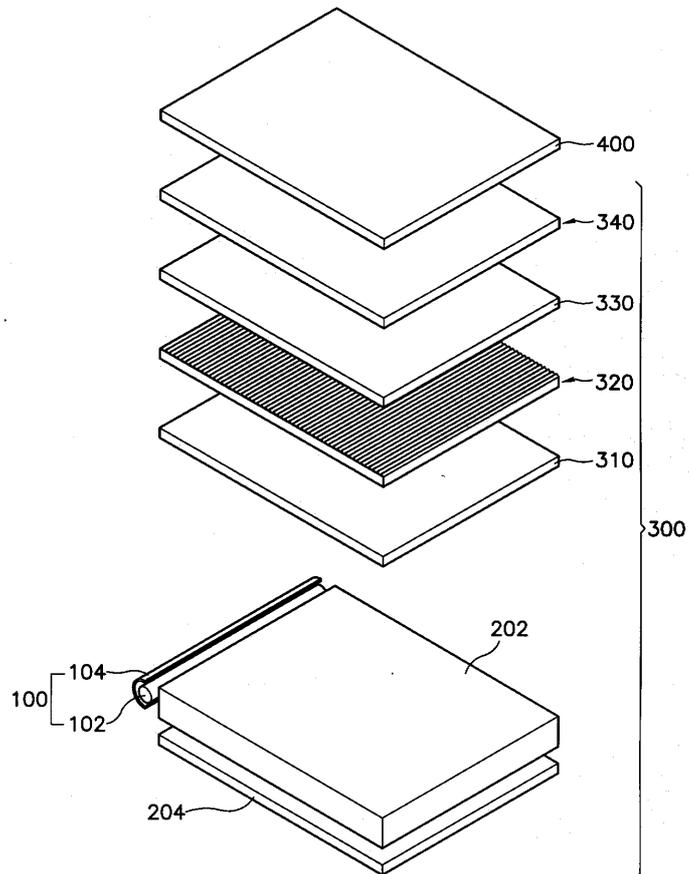
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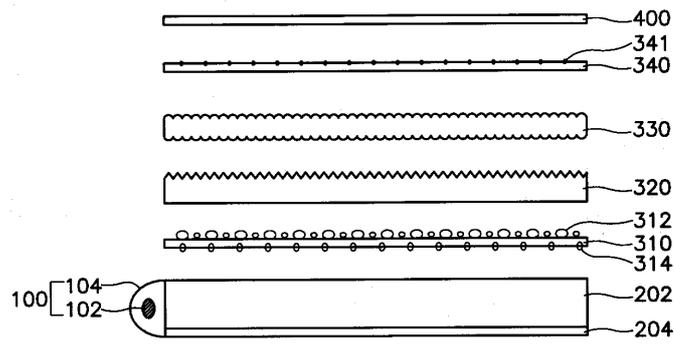
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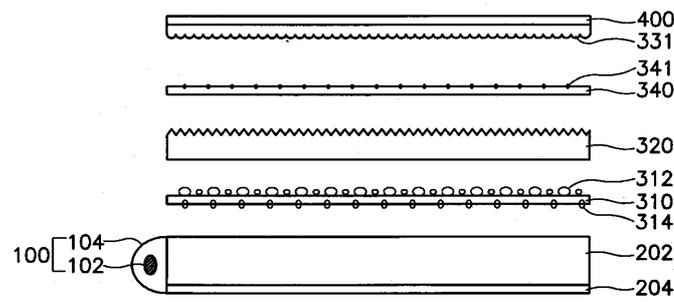
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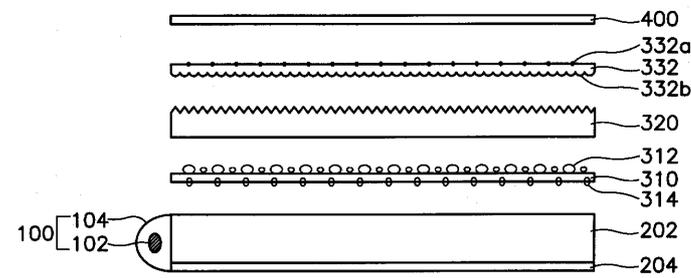
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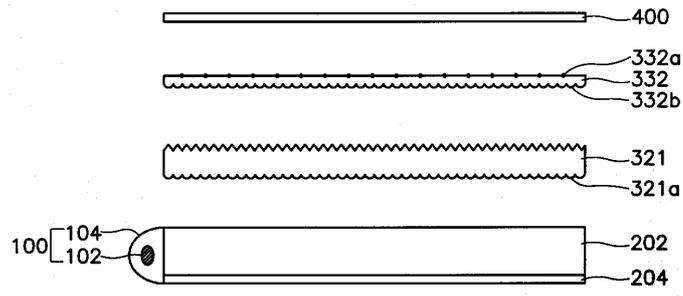
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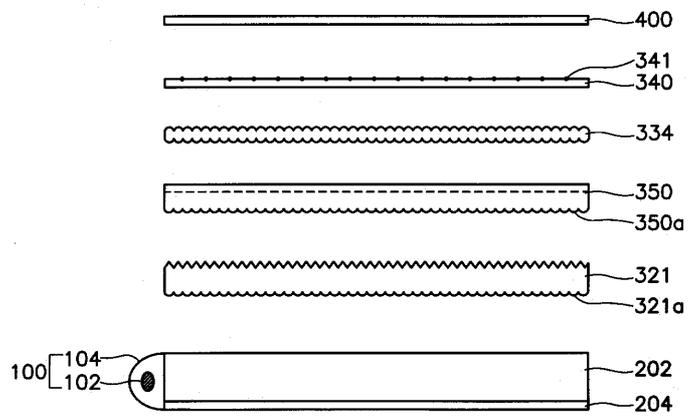
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|----------------|---|---------|------------|
| 专利名称(译)        | 背光组件和具有该背光组件的液晶显示装置   |         |            |
| 公开(公告)号        | <a href="#">KR1020020068551A</a>  | 公开(公告)日 | 2002-08-28 |
| 申请号            | KR1020010008578   | 申请日     | 2001-02-21 |
| [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         | LEE JEONGHWAN   |         |            |
| 发明人            | LEE,JEONGHWAN   |         |            |
| IPC分类号         | G02F1/1335 G02B6/00 G02B5/08 G02B5/30 F21V8/00 G02B5/02 G09F9/00 G02F1/13357 F21Y103/00 |         |            |
| CPC分类号         | G02B6/0051 G02B6/0055 G02B6/0056 G02B6/0053 G02F1/13362                                 |         |            |
| 代理人(译)         | PARK , YOUNG WOO  |         |            |
| 其他公开文献         | KR100765304B1   |         |            |
| 外部链接           | <a href="#">Espacenet</a>   |         |            |

摘要(译)

本发明公开了一种背光组件，其能够通过所采用的光学片或背光组件中的棱镜以及具有该背光组件的液晶显示器的紧密粘附来防止片状区域。从灯产生的光被引导到显示单元，用于与导光板一起显示的图像。在显示单元和导光板的间隔中，允许从灯产生的光和用于光集中和水平视角安全的多个光学片的漫射。如果作为这些光学片的上侧，则为了具有压花或垫形状，形成上侧。因此，放置在背光组件的导光板和LCD面板之间的多个光学片之间的接触面积减小。当摩擦系数最小化时，可以防止由于光学片的紧密粘附导致的片材萎缩现象。

