



5 1  
 6 7 1  
 8  
 9 8 C  
 10 5 D  
 11 5 E  
 12 11 D-D'  
 13 7 C-C' E-E'  
 14 2

\*

12: 100:  
 102: 104:  
 106,108: 110:

(TFT - LCD) CRT(Cathode Ray Tube) 가

1 가 (Diffuser sheet)(16), (10)  
 (Light Gide Pannel)(12)  
 (Prism Sheet)(18)  
 (14) (12)  
 (Protector Sheet)(20)  
 (12)  
 ( ) (12)  
 (14) (12)  
 (16) (12)  
 90 180 (10)  
 1 2 가 (22) (22a,22b)가  
 (22) (24)가  
 (10) (10) (22) (22) (22a,22b) (24)

가

가

1

2

가

가

가

가

가

3

3

가

가

3

가

1

2

2 , 4 1 2 B , 3 2 A

(100) 1 (101) (100) (102) (101)가 ,  
 (100) (104)가 .  
 (104) (100) , (100) (102)  
 (104) , (100) (102)

5 1 (104)가 (100) (102) , (100)

(100) (104)가 (106) ( ) (

106) 5 1 (104)

6 7 1 .

1 (104) , V , U ( ) (ball) ( )

8 10 1 8 D , 11 8 E , 9 8 C 12 10  
 D-D' 12 , 13 9 11 C-C' E-E'

12 13 , (102) 'ㄷ' , (102a)가 .

12 D-D' (100) 1 (100a) (102) , (102)  
 (100) 2 (100b) (102) (100) (102)  
 (108)

9 11 C-C' E-E' (100) 1 (100a) (102)  
 , (100) 2 (100b) (102a)가 (102)

14 2 (102a)가 , , (10

2) 'ㄷ' , (102a)가 . , , (10

2 (100) (102) (100c) , (100)

, V , U (100c) , (100)

가 .

가 .

가 가 가 가

(57)

1.

,

2.

1

3.

1

4.

1

, V , U ,

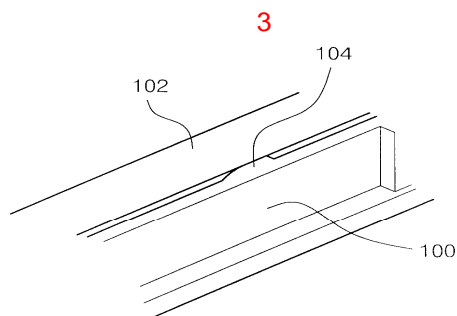
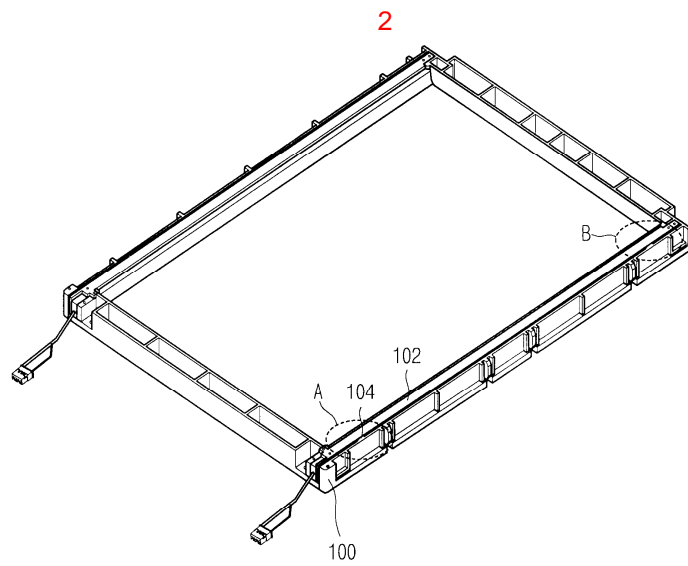
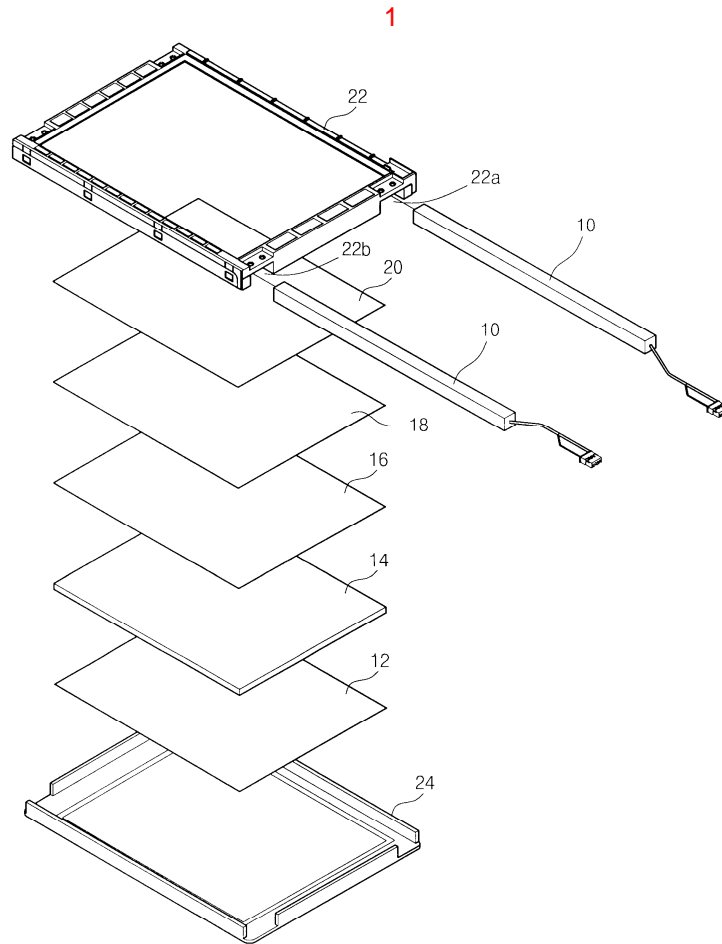
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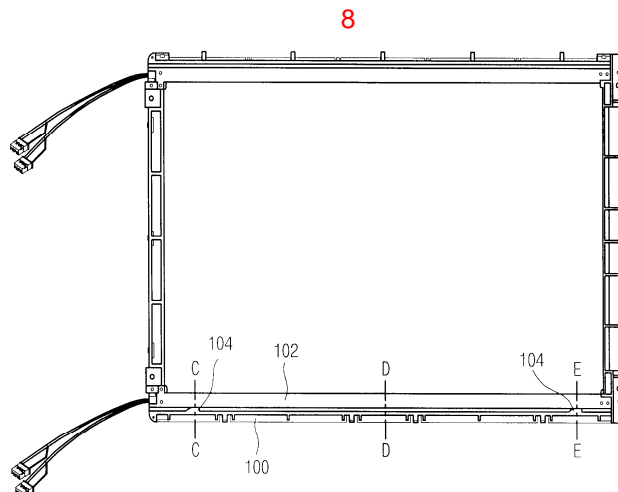
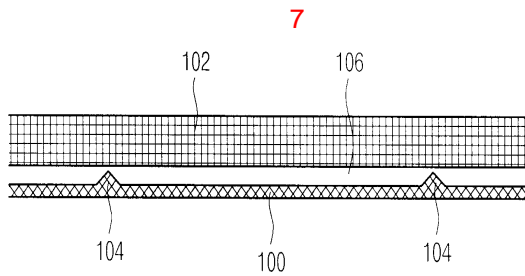
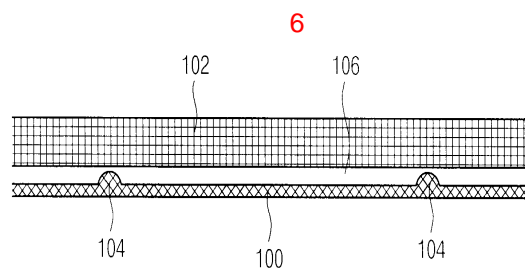
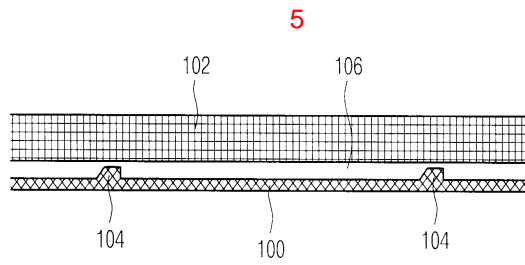
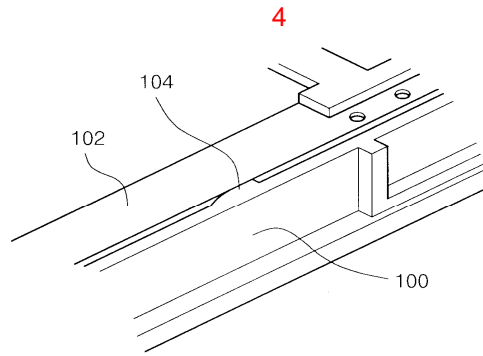
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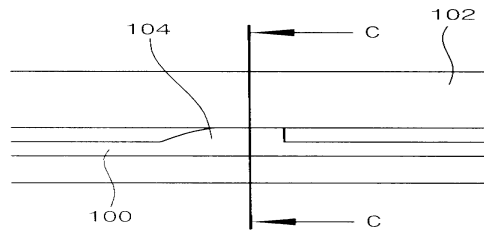
5

, V , U

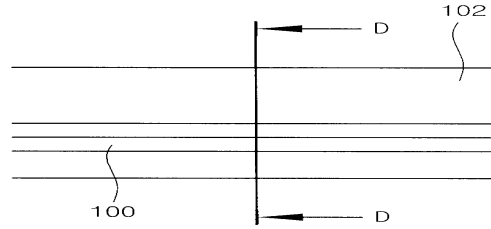




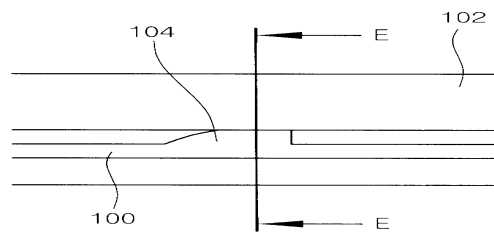
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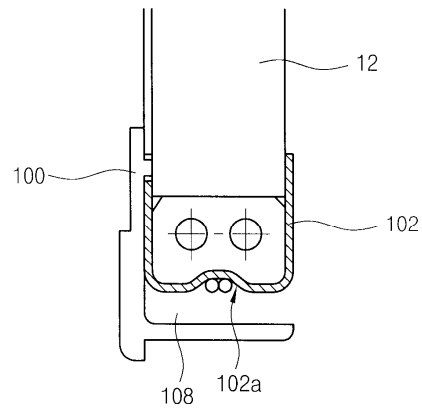
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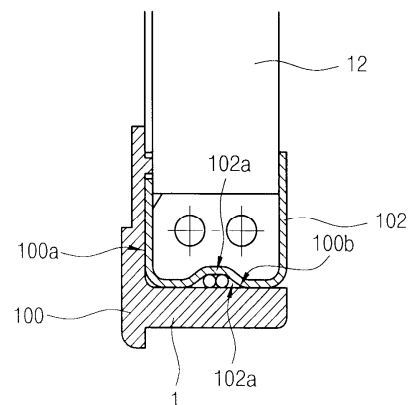
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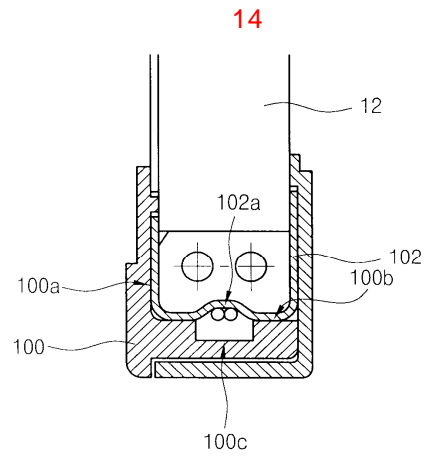


12



13





专利名称(译)	一种液晶显示器的背光单元		
公开(公告)号	<a href="#">KR1020040040801A</a>	公开(公告)日	2004-05-13
申请号	KR1020020069079	申请日	2002-11-08
[标]申请(专利权)人(译)	HYDIS TECH HYDIS技术有限公司		
申请(专利权)人(译)	하이디스테크놀로지주식회사		
当前申请(专利权)人(译)	하이디스테크놀로지주식회사		
[标]发明人	CHOI HYUNGSUK 최형석		
发明人	최형석		
IPC分类号	G02F1/13357		
CPC分类号	F21V15/01 G02F1/133308 G02F1/133615 G02F2001/133354		
代理人(译)	赵龙HYUN		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

本发明涉及一种液晶显示装置的背光单元。特别是，当背光单元具有固定宽度的接触表面并且插入一对灯组件时，至少一个支撑部件支撑模框和一对灯组件，一对灯组件和一对灯组件液晶显示器的背光单元配备有具有用于插入的入口的模框，只要其包括用于反射荧光灯的灯反射器并且从荧光灯辐射的光被设置在模框中。固定间隔内模框的入口内侧。因此，本发明具有如下效果：在灯反射器的接触表面和模框之间设置至少一个支撑部件，并且使灯反射器和模框之间的接触面积最小化。以这种方式，灯反射器的组装以及分解和定位固定便利。模框，灯反射器，支撑部分，接触区域。

