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2004 06 18

(21) 10-2002-0079141
(22) 2002 12 12

(71) 416

(72) 1 201-174

474 301

1 4 401 206

(74)

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(54)

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, LCD, , , , , ,

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6 5 A-A'

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10 : 12 :

14 : 15 :

17, 18 : 210 :

220 : 222 :

222a : 222b :

222c, 222d : 222e :

230 : 240 :

(Liquid Crystal Display)

(Backlight Assembly)

(edge)

가

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가

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(10), TFT
 (14), (12)
 (17, 18)

(12)
 (15),
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(14),
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(12b)
 (12c;
 (12c;

(12b)

(12d)

5)

, TFT(12a)

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(12b)

(12c)

(12d)

(1)

, TFT(12a)

(12d)

(12c)

(20)
 (24, 25),
 (10) 가

(22),
 (26)
 (22)

(10)

(23), 1, 2
 (22a)

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pe), 3, , (22)
 , , (A) (B) 1:7 1:20 (Mesh ty

(B)
 μm

(22a)

1:7

1:20

(Mesh ty

(22a)
 (MoW), (22)
 (Indium Zinc Oxide; (CrOn),
 IZO)

(Cu), (Indium Tin Oxide; (Cr)
 ITO)

(22a)

85%

10⁻⁴ [/]

(22a)

4 , (22)
 (22b)

(22)

(22a)

(22)

가

가

가

가

5 , 6 , 5
 A - A'
 5 6 , (210) , (200) , (210),
 210) (230), (220), (220) (240)
 , (210), (211b), (211a) TFT 가 (211a), (211a)
 , (211d), (211a) (211a) (211b) (211c), (211b), (210) 2
 Carrier Package; , TCP(212), TCP(213), (214) (210) (Tape
 (211) , (220) (221) (221), (222), (223), (224) (225)
 , (220) (221)

(221b), 2	(221) 1	(221a), 1	(221a) (221c), 1	1	2	1	2
1 (221)	2 (221c) ()	가	.	(221) 1	1 (221d) (221c, 121d)	가	.
1 (221)	2 (221c, 221d)	.	.	(221) 1	1 (221c) (221c)	1 (221c) (200)가	2 (221d)
.	.	2 (223)	.	2 (221d) (223)	1 (225)	1 (221c) (200)가	2 (221d)
1) .	(222) (222e)	,	(222a), (221)	(222b), 1	1 (222c), (225)	2 (222d)	(222d) (21)
.	,	(222a) (222b, 222c, 222d, 222e)	(Rigid)	,	(222f) (221)	1 (221)	2 (220)
,	,	(222a)	가	,	가	,	,
(222b) (222f)	(222a) 1	.	(222c)	.	(222a)	가	.
1 .	(222c) 2	(222d) (222e)	(222d)	(222b) (210)	.	,	(222b) (222b)
,	,	,	,	,	,	,	,
(222e) 2	(222d)	,	,	,	2 (222d)	,	,
222e) .	(222)	,	(222a),	(222b), 2	.	(222c, 222d)	(222d)
,	(224)	,	,	,	,	(221) (222)	(223) (230)
,	,	,	,	,	,	(221a)	.
(225)	,	,	,	,	,	(221) (221)	(222)가
.
(230)	(225)	.	.	(222)가	.	(230)	.

, (222) (210) .
, (225) (230)
(210) .

7 6

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, (222f) (235) (2)
22f) (225) .

, (235) (224) , (230)
(222a) (225) .

(222f) , (235) ↗ (230)
(235) (235) (230) (225) (230) ,
(235) (230) (225) (235) (230)

9 , (325) (323),
9 (321), (322) (311) .
1b) , (311) (311a) , (311b) , 1 (311a) (311c) , (311d) .
) 2 .

(57)

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가

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1 , ,

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4.2 , 1 , 1 , , 1
2 , , 1 , , 1:7 1:20**5.**

4 , , 1 2 , , 1 2

6.2 , 1 , , 1 , , 1
2 , , 1 , , 1:7
1:20 1 2**7.**

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9.1 , , , , , , 2
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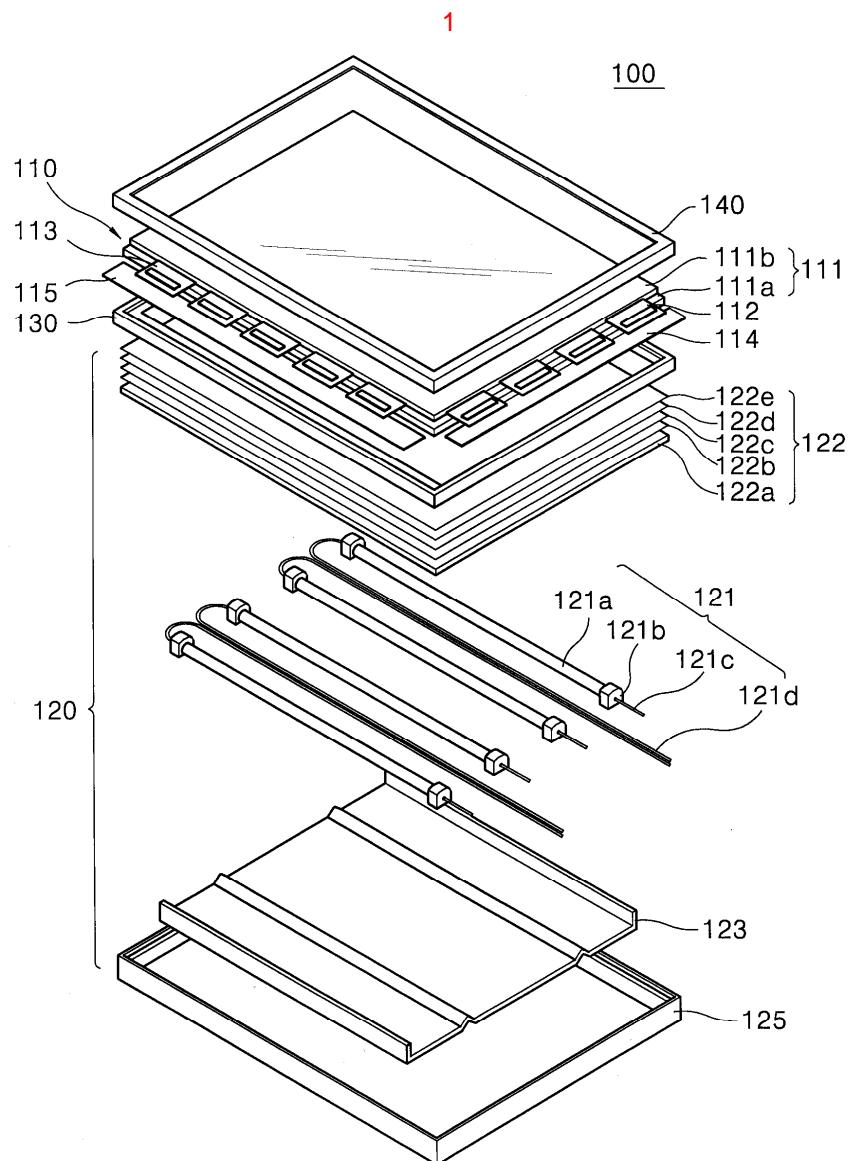
2

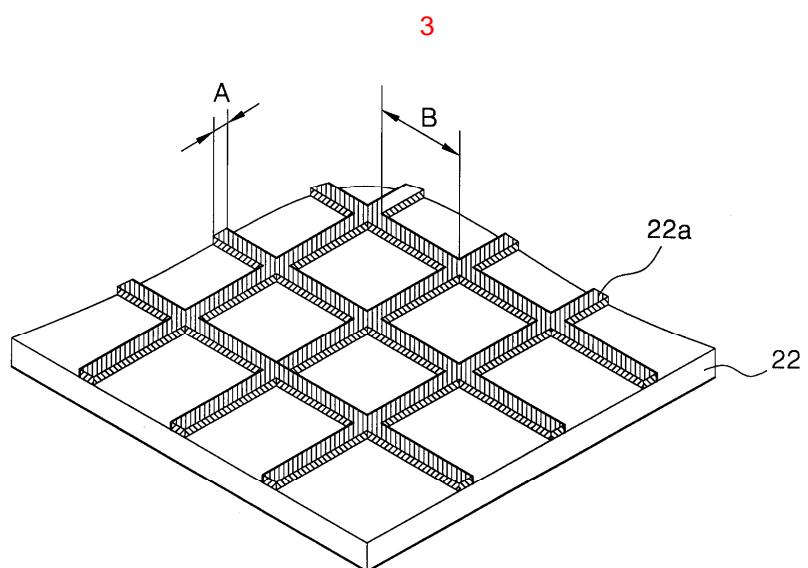
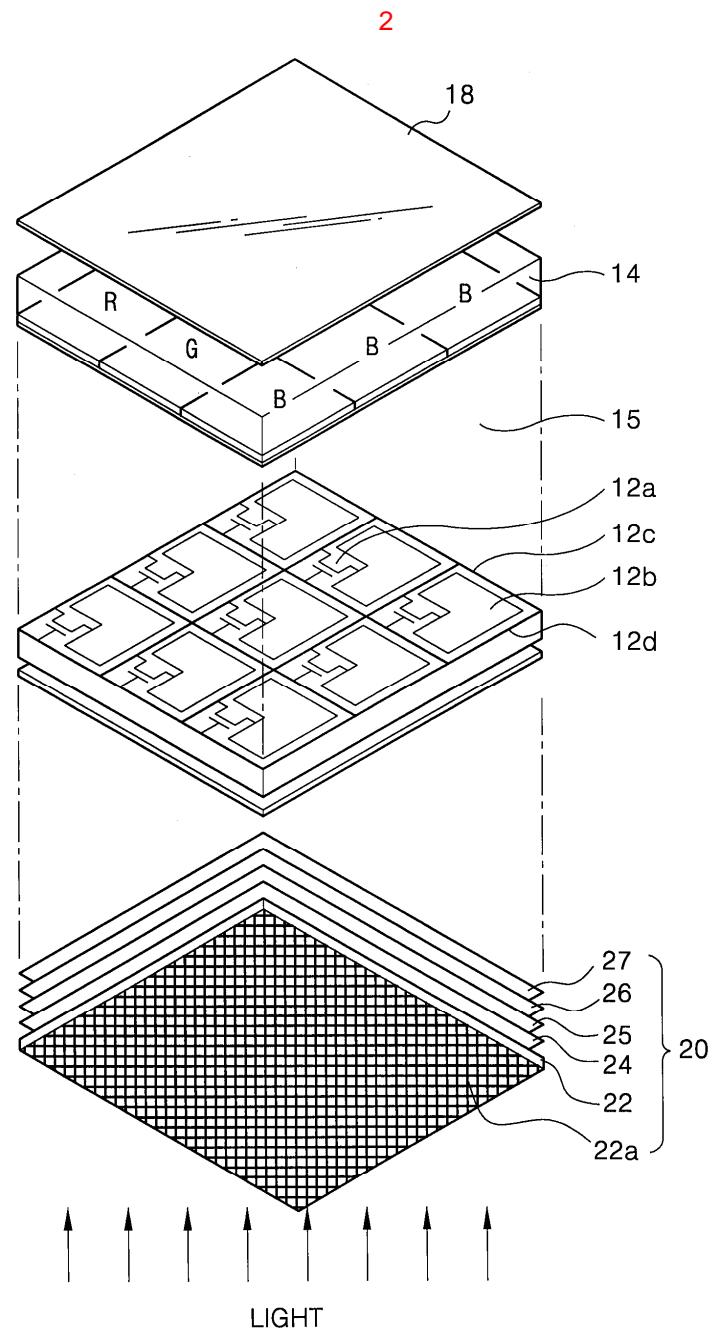
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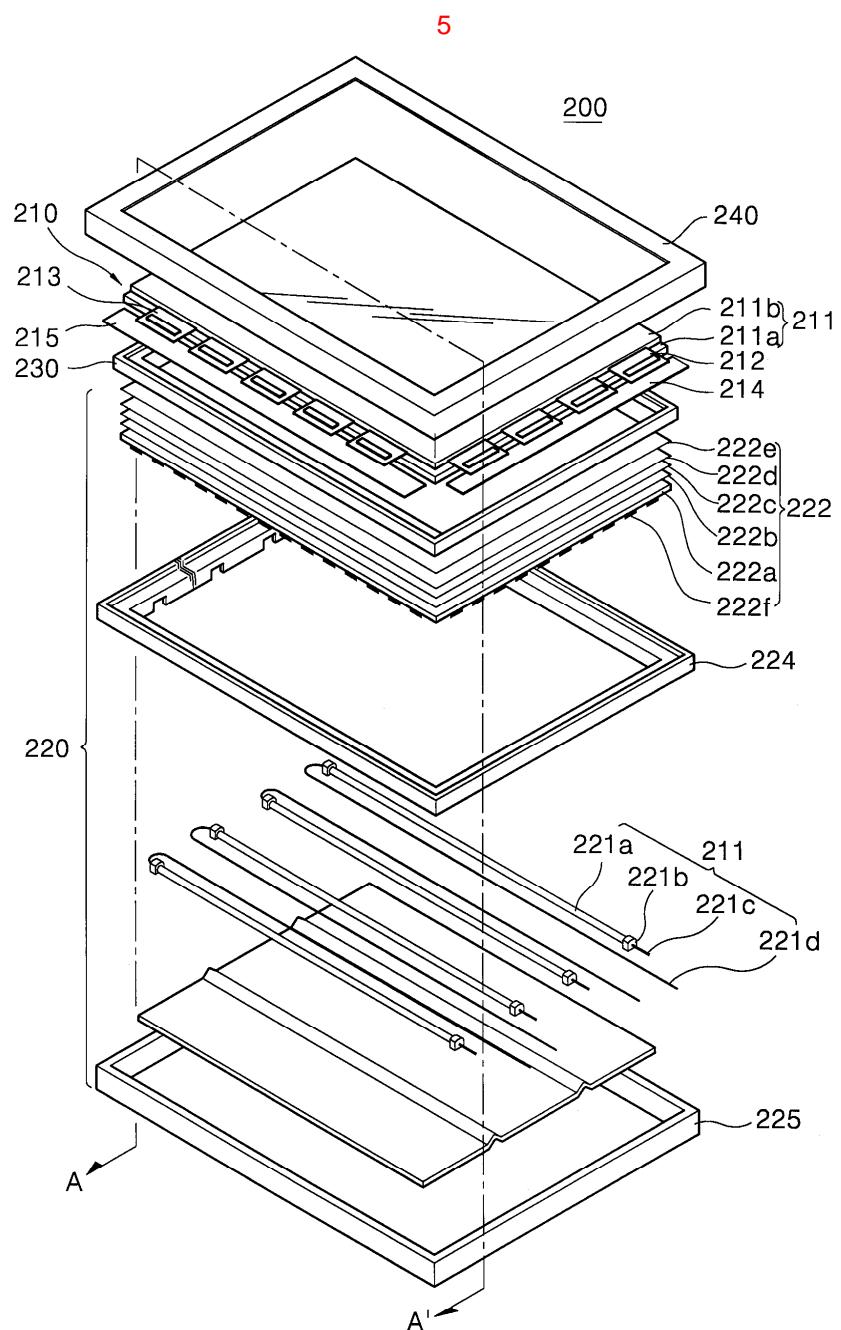
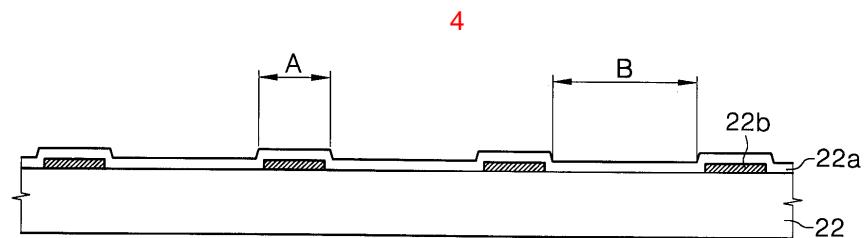
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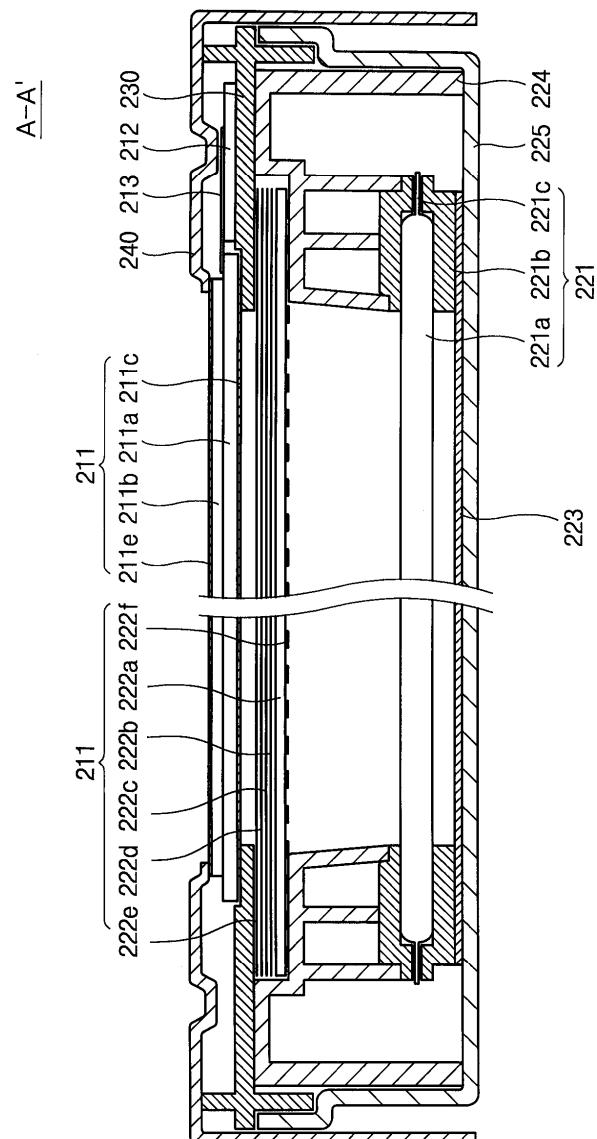
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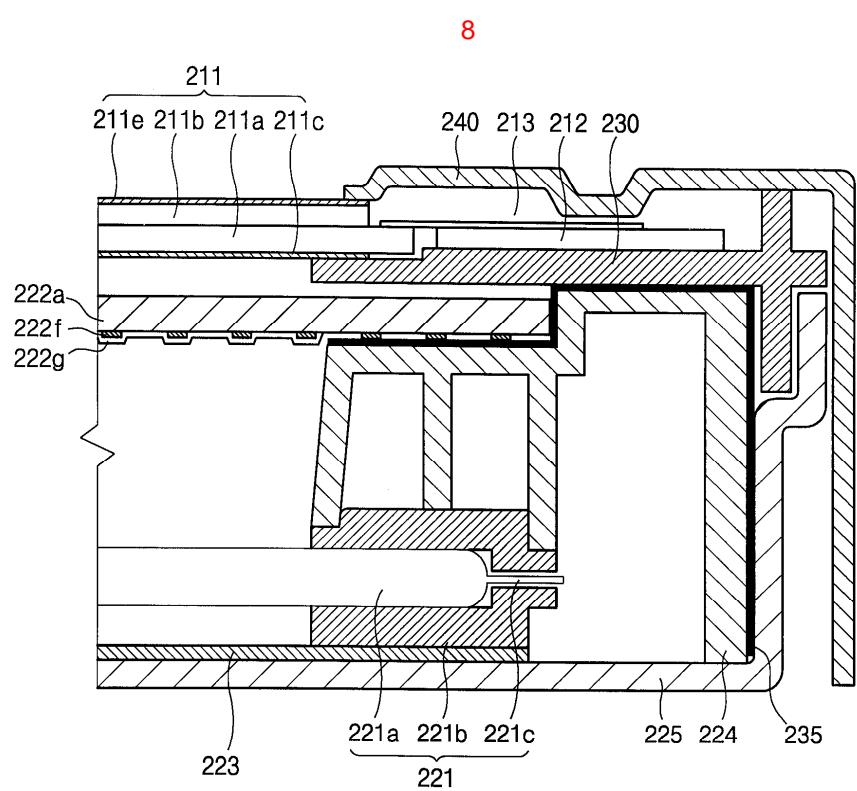
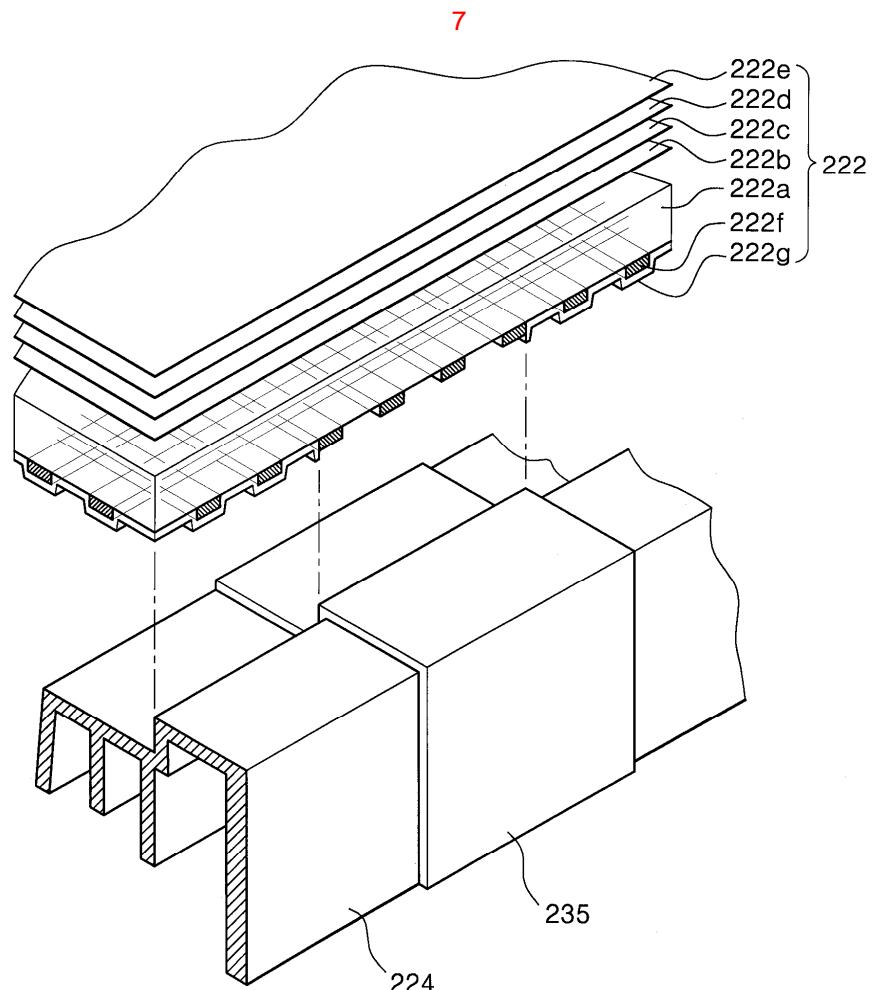
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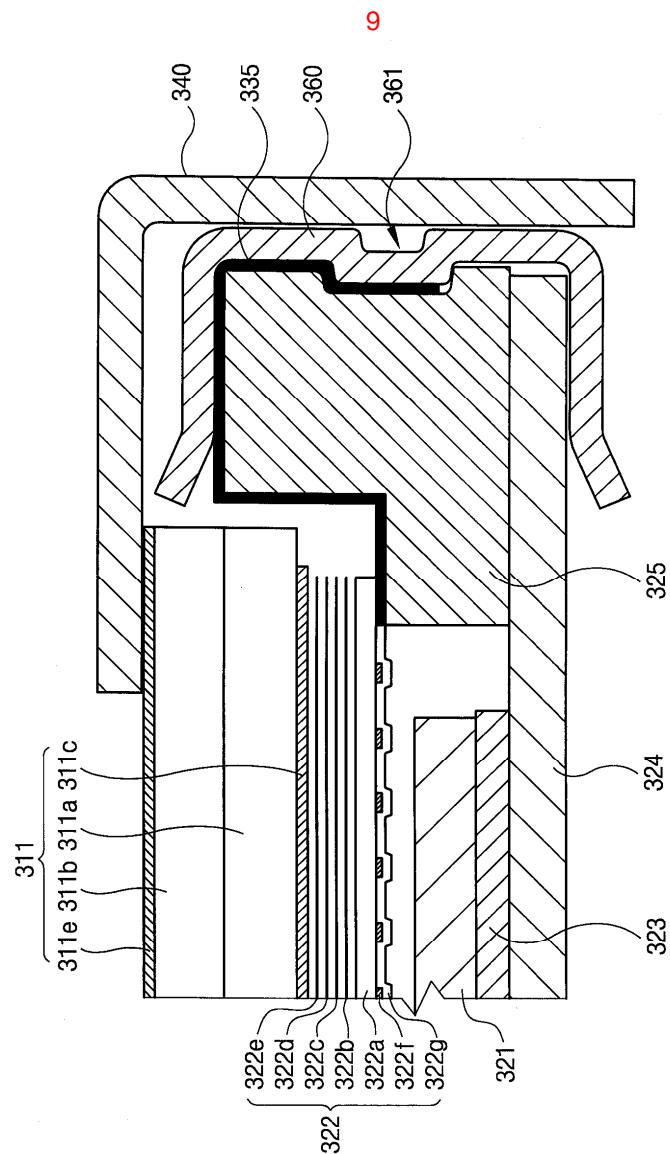


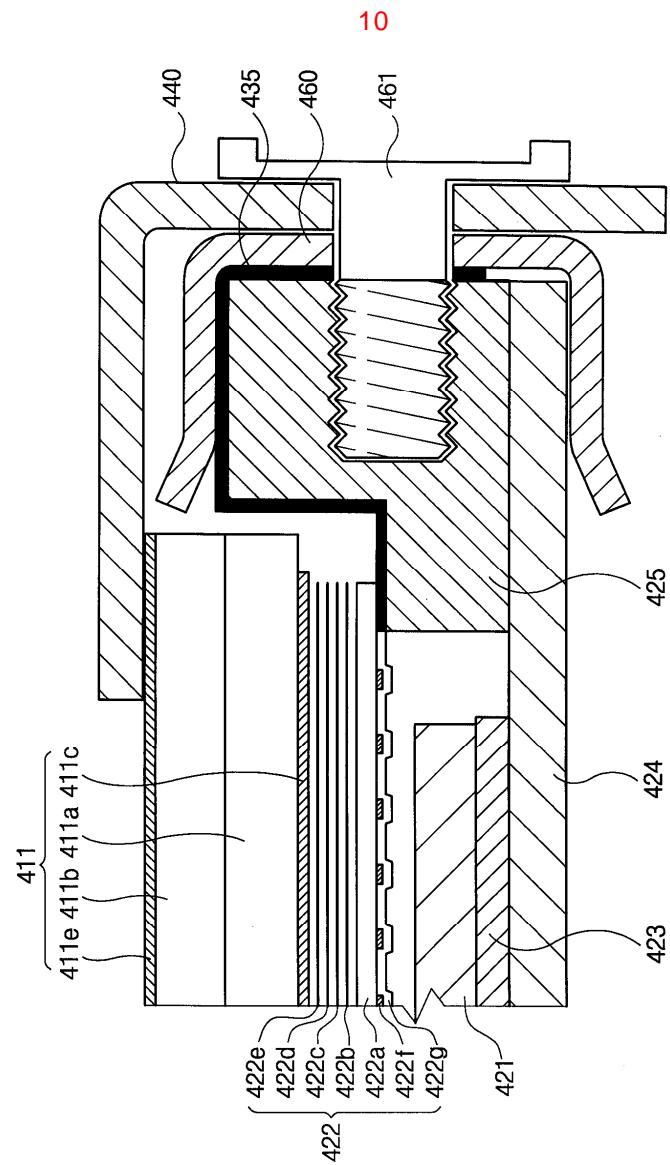












专利名称(译)	背光组件和具有该背光组件的液晶显示装置		
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申请(专利权)人(译)	三星电子有限公司		
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代理人(译)	PARK , YOUNG WOO		
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摘要(译)

公开了一种用于防止由灯产生的电磁波的不利影响的液晶面板和具有该液晶面板的液晶显示装置。阵列基板通过与滤色器基板的组合来容纳液晶层，并且由从外部提供的低电压驱动，以改变液晶层的布置，以使用透过滤色器基板的光来显示图像。电磁波屏蔽构件形成在漫射板的后表面上，以阻挡由灯的驱动产生的高电压电磁波流入阵列基板。因此，可以减小由灯驱动产生的高压电磁波对低压驱动液晶面板的影响，并且可以减少对显示屏的不利影响。2 指数方面 液晶，LCD，电磁波，噪声，阻塞，导电层，灯，扩散板

