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10-2004-0024505
2004 03 20

(21) 10-2003-0063056
(22) 2003 09 09

(30) JP-P-2002-00267847 2002 09 13 (JP)

가 6 7-35 가 가

(74)

1

(54)

가
가
EL , 2 ,

2

, EL ,

1			
2	1	$A - A'$	
3	1	X	Y
4	2		

5 가

6

7

8

9 1

10

11 3

12

4

◀ ▶

1 :

2, 3, 4, 5 :

12 :

13 :

41, 51 : EL

, (, ' EL')

,) , 가 , , , (, , 가

, CRT() 가 가

， 가 티 가 티

EL , , , , / , 가
 가 . , EL , , , ,
 , , EL TFT()가
 , , p CMOS(Compleme
 ntary Metal Oxide Semiconductor) , , TFT가 , TFT
 , , TFT (joint)가
 2-6779 , 5-205875 , 2001-22293 , 2001-100668 , 200
 , 2002-108253 , EL
 , , , , ,
 , , , , ,
 , , , , () , ,
 , , , , , , , ,
 EL , , , , , , , ,
 , , , , , , , ,
 , , , , , , , ,
 , , , , , , , ,
 , , , , , , , ,
 , , , , , , , ,
 , , , , , , , ,
 1 (1) , EL
 (4) (2, 3, 4, 5) (2, 3, 4, 5) (1) X Y
 (6)가 (7) (8)가

< >

50mm	EL	50mm x
, 7a (25)	, 330μm (22) (23), (24)	TFT (21) (22) (24) (25) , Al() (26)
220nm Cr 200nm	, 7b (28), (30)	(25) (26) SiO ₂ , 2μm (27), (29),
, 7c P (21) 2	, P	30μm 가
, (21) (2-naphthylphenylamino)triphenylamine 0.lnm/sec roxyquinorine aluminum) (34) MgAg(9:1 (35) SiNx	, 7d (32) 30μm (28) , Al CVD	(31) 2-TNATA(4, 4', 4'-tris 0.lnm/sec 50nm - NPD (naphthylphenyldiamine) (32) 40μm (33) Alq3(8-hyd 20nm 2μm , SiNx가 2, 7e , 2 (4, 5)
2 (4, 5) 50μm 가 (4, 5) 60, 4	, , 2 (4, 5)	, SiNx가 , 2 (4, 5)

< 1>

1, 2

EL

1

가

2

2

9

12

(4, 5)

5m

-

EL

EL

1

8

가 60 , , 1 0.5 μ m EL 가

< 2>

2 , 2 , 10mm EL

2 , 가 2 , 2

, 10 , 2 (4, 5) (12) , , (12) (4, 5) W
(4, 5) 5mm (12) (13) , 10mm (4, 5) 60 , 4 (12) (12)
가 .

EL , , , 2 , 8
가 60 , , 1 0.5 μ m

< 3>

3 , 2 , 10mm EL

3 , 가 2 , 2

, 11 , 2 (4, 5) (12) , , (12) (4, 5) W
(4, 5) 5mm (12) (13) , 10mm (4, 5) 60 ,
4 가 . (12) (12)

EL , , , 3 , 8
가 60 , , 1 0.5 μ m

< 4>

4 , 2 , 20mm EL

4 , 가 2 , 2

, 12 , 2 (4, 5) (12) , , (12) (4, 5) W
(4, 5) 10 mm (12) , 20mm (12) , (12)

20mm((12)) (13) , (4, 5) 60
, 4
가 ,
EL ,
4 ,
100
가 100
< 5>
5 , 4
, 20mm
EL
,
5 ,
4 (2, 3, 4, 5)
가
1
4 (2, 3, 4, 5)
,
4 (12) , 4 (2, 3, 4, 5)
(2, 3, 4, 5)
W , (12) (2, 3, 4, 5)
20 mm((12)) (12) (12)
(13)(5) , (2, 3, 4, 5) 60 , 4
가
5 ,
EL ,
5 ,
EL
가 100

(57)

1.

2

2

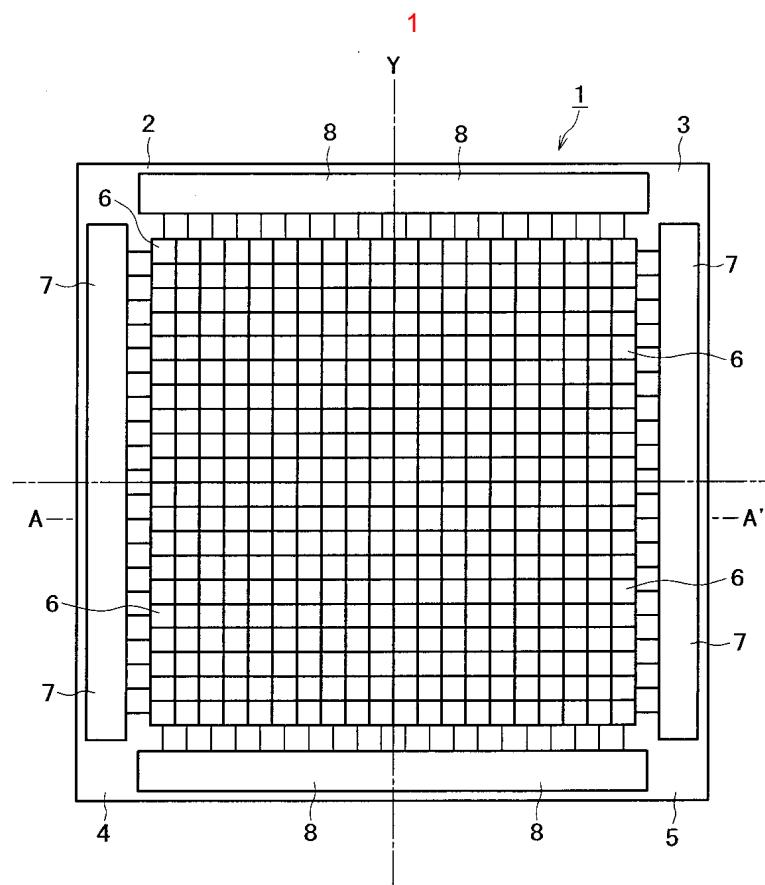
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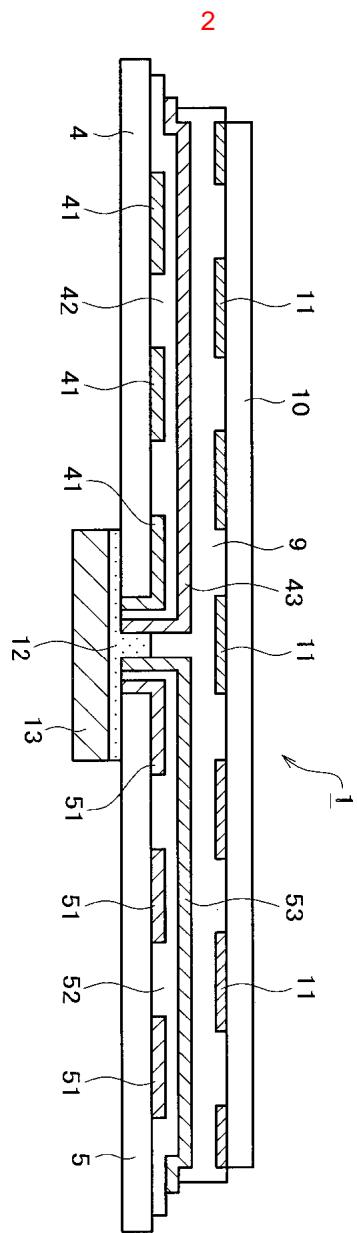
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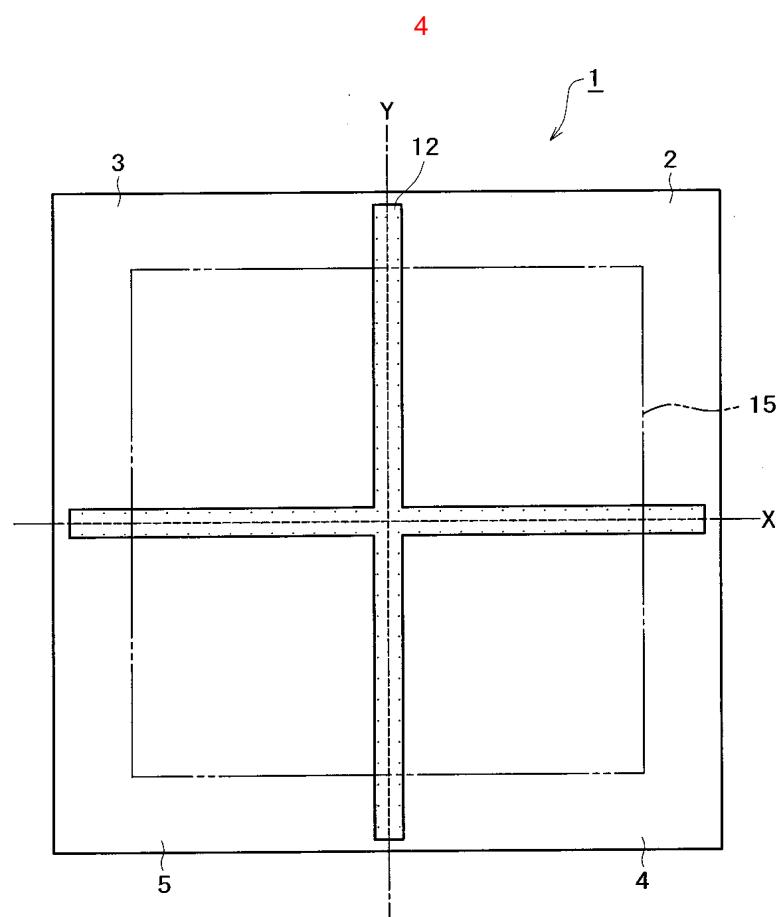
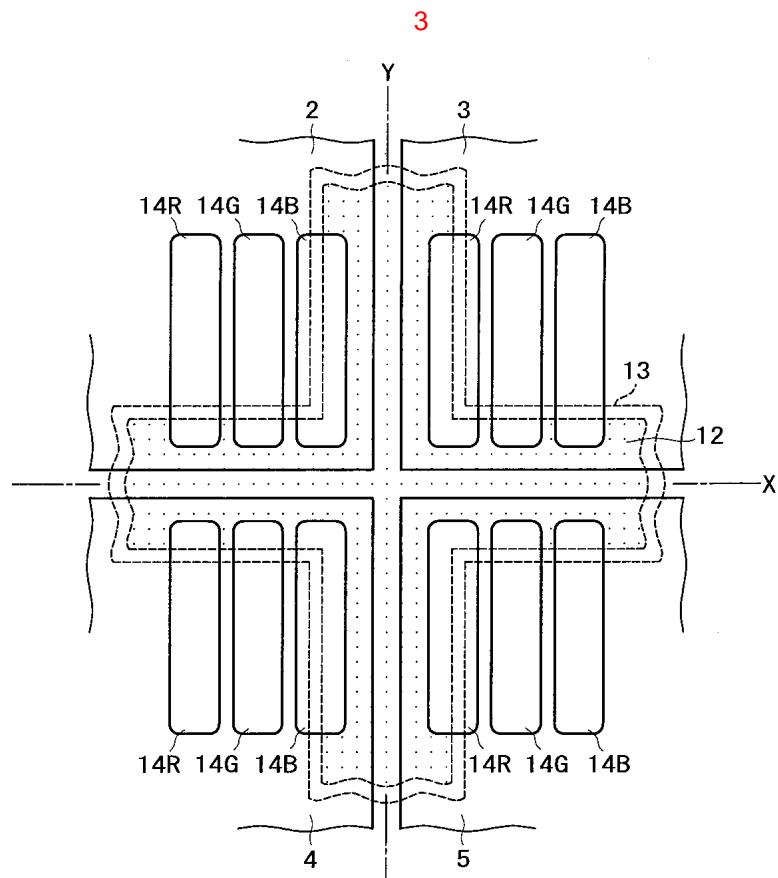
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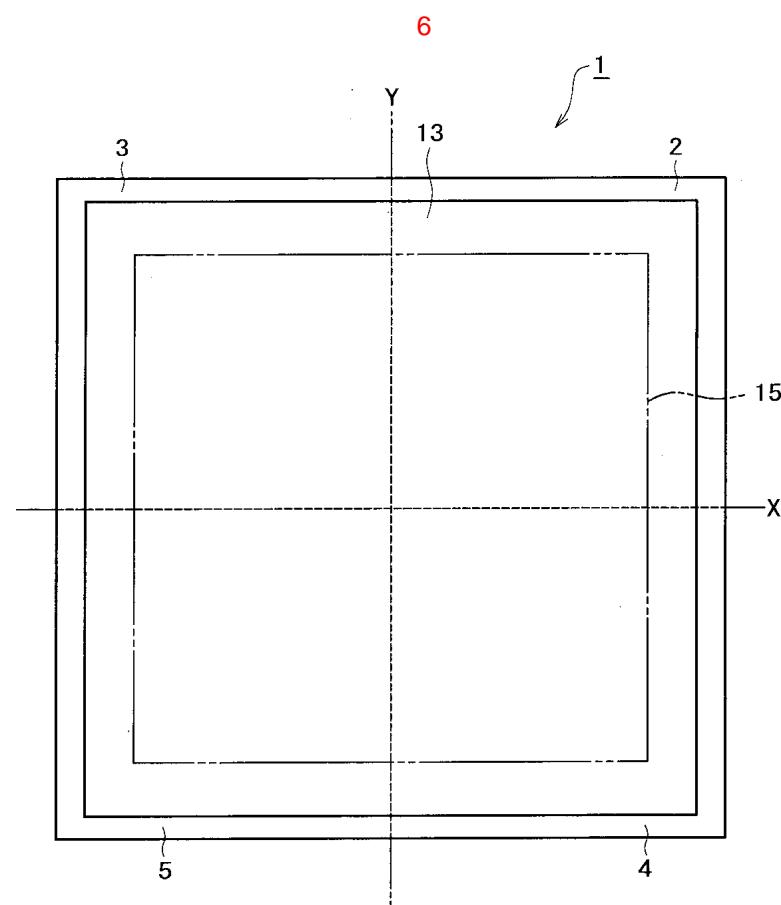
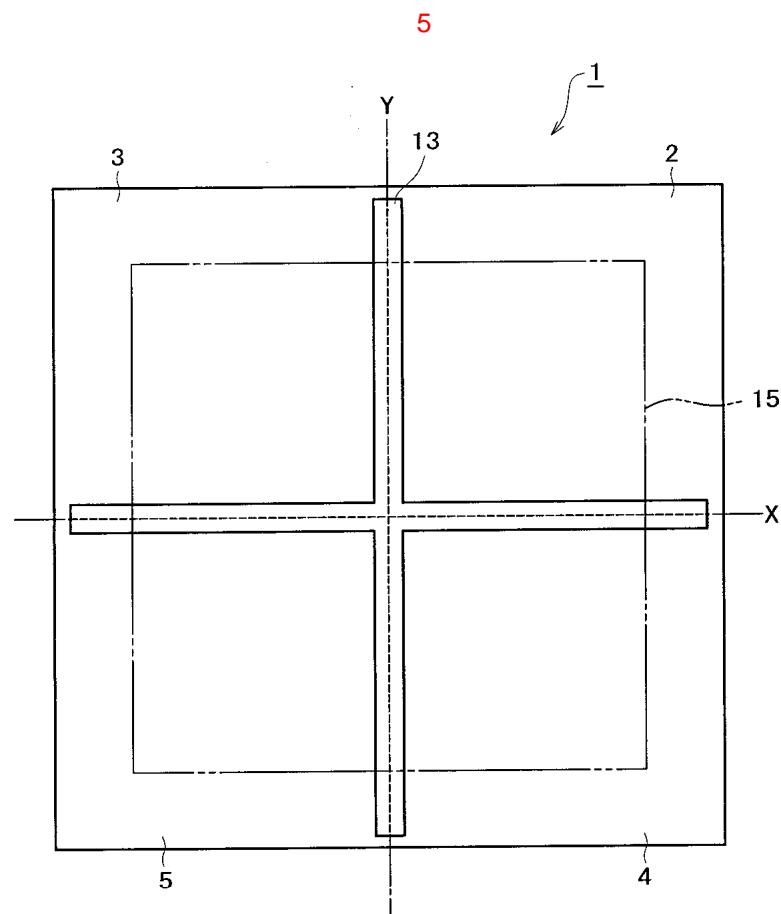
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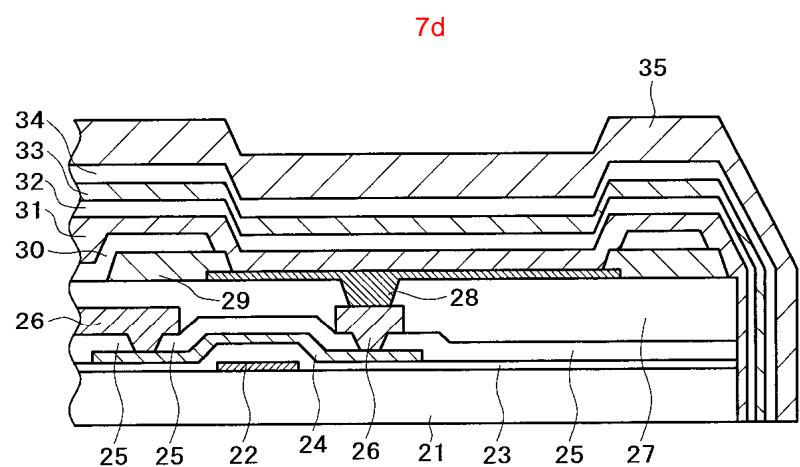
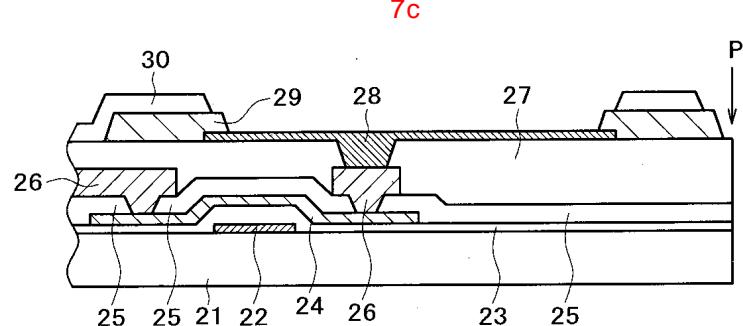
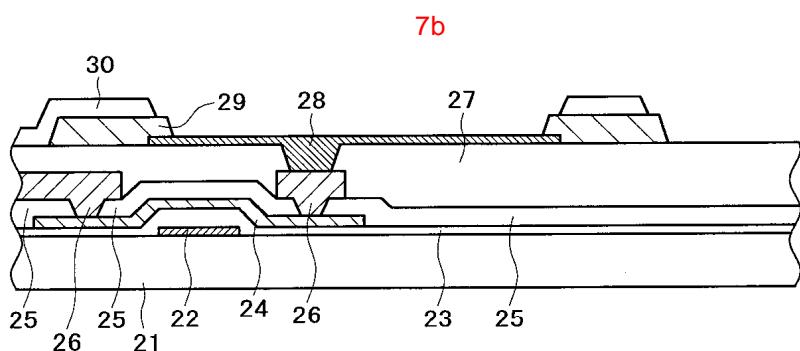
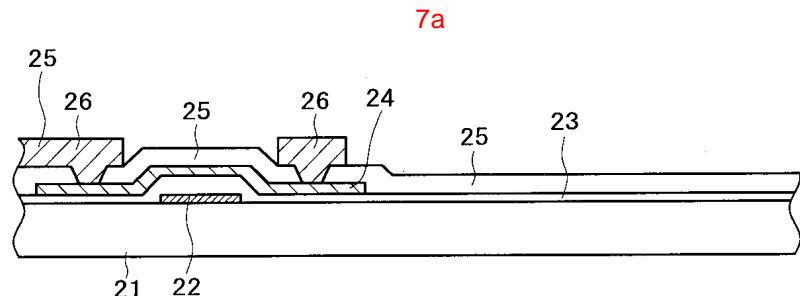
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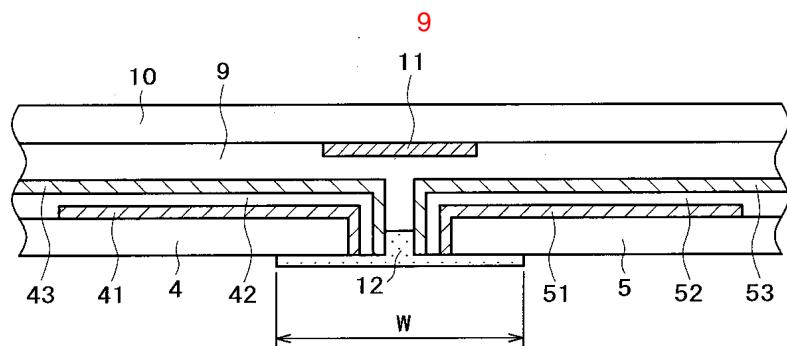
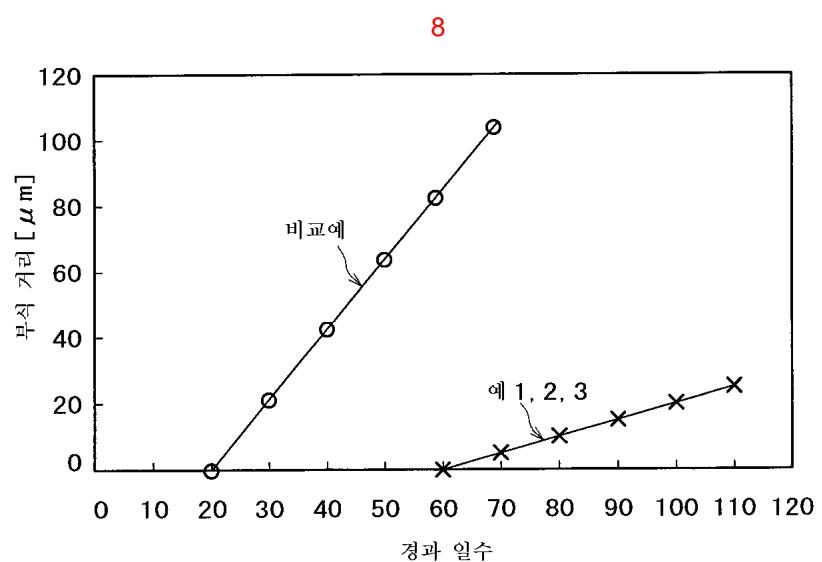
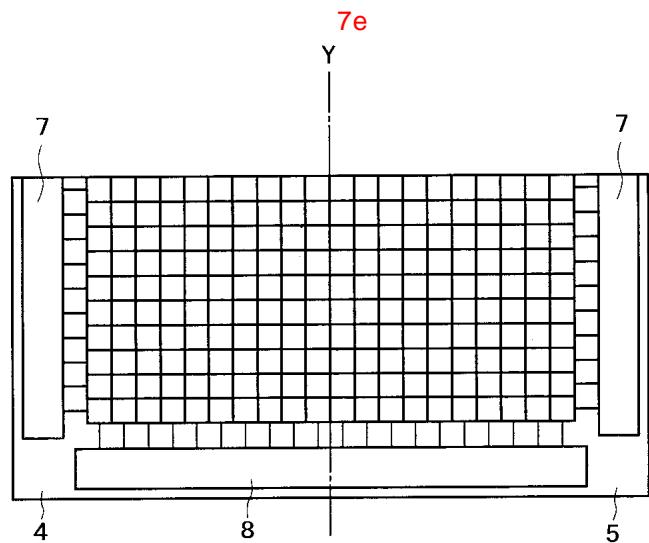


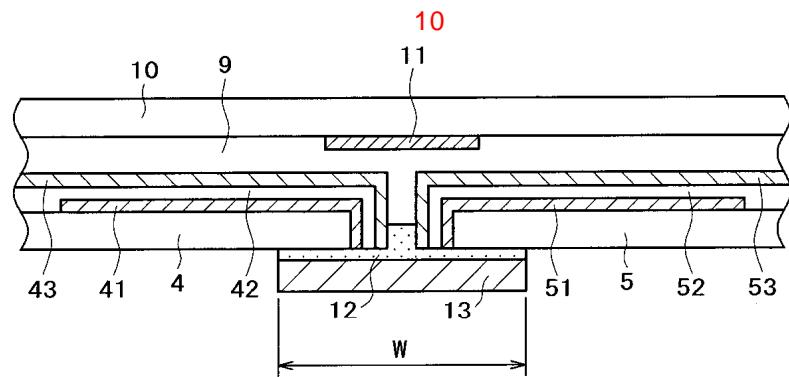












专利名称(译)	显示设备		
公开(公告)号	KR1020040024505A	公开(公告)日	2004-03-20
申请号	KR1020030063056	申请日	2003-09-09
[标]申请(专利权)人(译)	索尼公司		
申请(专利权)人(译)	索尼公司		
当前申请(专利权)人(译)	索尼公司		
[标]发明人	KAWASE KIMITAKA 가와세기미따까 KIJIMA YASUNORI 기지마야스노리 SATO YUKIO 사또유끼오 TAMASHIRO HITOSHI 다마시로히또시		
发明人	가와세기미따까 기지마야스노리 사또유끼오 다마시로히또시		
IPC分类号	H01L27/32 H01L51/50 H01L51/52 H05B33/04 G09F9/40		
CPC分类号	H01L27/3244 H01L27/3293 H05B33/04 H01L51/5237 H01L51/5243 H01L51/5246 H01L51/5253		
代理人(译)	LEE , JUNG HEE CHANG, SOO KIL		
优先权	2002267847 2002-09-13 JP		
其他公开文献	KR101011048B1		
外部链接	Espacenet		

摘要(译)

显示装置包括组合的一个显示屏，该显示屏是合并的多个面板。使用有机电致发光显示器形成每个面板。在该显示装置中，密封材料以覆盖接合部分的模式涂覆在相邻的面板2之间的接合部分上。由此控制包括水分或有机电致发光显示器等的空气的侵入。显示装置，有机电致发光显示器和面板结构。

