

(19)
(12)

(KR)
(A)

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H01L 33/00

(11)
(43)

2001 - 0097319
2001 11 08

(21) 10 - 2000 - 0021297
(22) 2000 04 21

(71) .
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20

(72) 2 - 533
104 703

(74)
:

(54)

가

6a

1

2

3 2 " A"

4 2

5 4 " B"

6a 6c 2

7a 7c 6c

8 2

9a 9d 8

10 3

11a 11d 10

< >

2 : 4 :

6 : 8 :

12 : 14 :

16 : EL 18,22a : ,

12a : 31 :

32 : 33 :

34 : 35 :

40,50 : 42,52 : ITO

(Cathode Ray Tube)
 (Liquid Crystal Display : " LCD"),
 (Field Emi
 ssion Display : FED)
 (Plasma Display Panel : PDP")
 Electro - luminescence : " EL")
 PDP
 가
 (Thin Film Transistor : " TFT")가
 LC
 D LCD 가
 , LCD
 , EL
 , EL EL
 가
 (31) , (32), (33), 1 (34) (2)
 (35) (31) (35) 가 (34)
 (34)
 (33) 가 (33) (32)
 . EL
 10

EL 가
 , EL
 (Photolithography) EL EL
 (Shodow mask) ,
 가
 가
 EL
 1000 (Pin hole free)
 EL
 EL E
 L (Color changing medium)

가
 ,
 가
 가
 가
 가
 가

1 , 2 ,
 3 .

2 6c

2 (6) , (6)가 (4) , (6) (12) (14)가
 (8) (4) (12) EL (2)
 (2) EL (14) (Stripe) (12)
 (6) (12) 4 (2) (12) EL (8) 5 (12)
 EL 12a) (1000) EL (6) (14) EL
 (8)가 (8) EL (6) (12) (4) EL
 (8) EL (4) (6) (12) (2) (4)
 (8) (4) (6) 가 (8) EL
 (12) (6) (12) (Blade) 가 (6)

EL (16) (8) EL (16)
 (8) EL (8) (6) (12) 3
 (4) (8) (8) (4) (4)
 (6) (12) EL (16) (12) EL (16)
 6a (2) (16) (12) (4)
 6b (2) (2) EL (16) (16) 6c
 (2) (18) (2) EL (18) ,

(2)

EL

(Leveling) EL 7a 7c EL (Wetting)
 (20a) 가 (20a) 가 (20a)
 (20a)

2

8

(50)

9a (2) (50) (Indium - tin - oxide : " (18)

ITO") (52) (50) (2) SiNx, SiO₂ (4) (6) EL

(16) (16) (2) (16) (50) (18) EL

10 11 3 10 ITO (1

(42) 가 (2) (40) (40) ITO (42) 가 , (1

(44), (48) TFT(48) (40) ITO (42) (1

8) SiNx, SiO₂ ,

11a (40) ITO (42) ITO (42) 가 11b 11c

EL ITO (42) (4) (6) EL EL

(16) (16) (2) (16) (40) (18) ,

EL 가, ITO

EL 가

가

(57)

1.

가
가

가

2.

1 ,

.

3.

1 ,

.

4.

가 가

1 ,

2 ,

3

.

5.

4 ,

1 3

,

6.

4 ,

가

7.

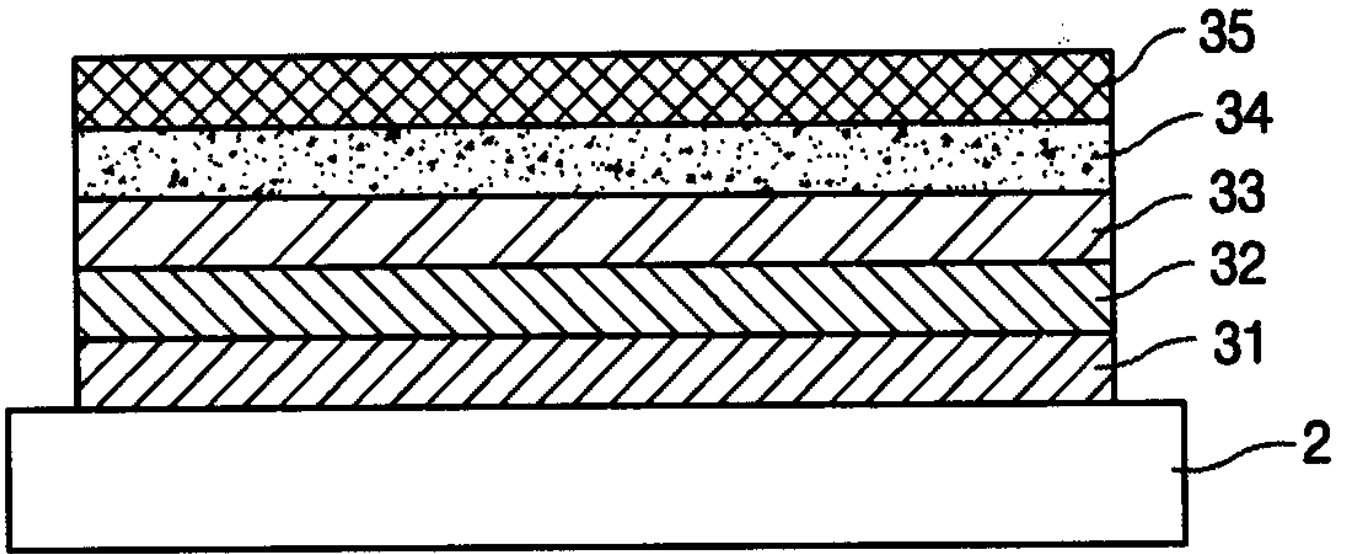
6 ,

8.

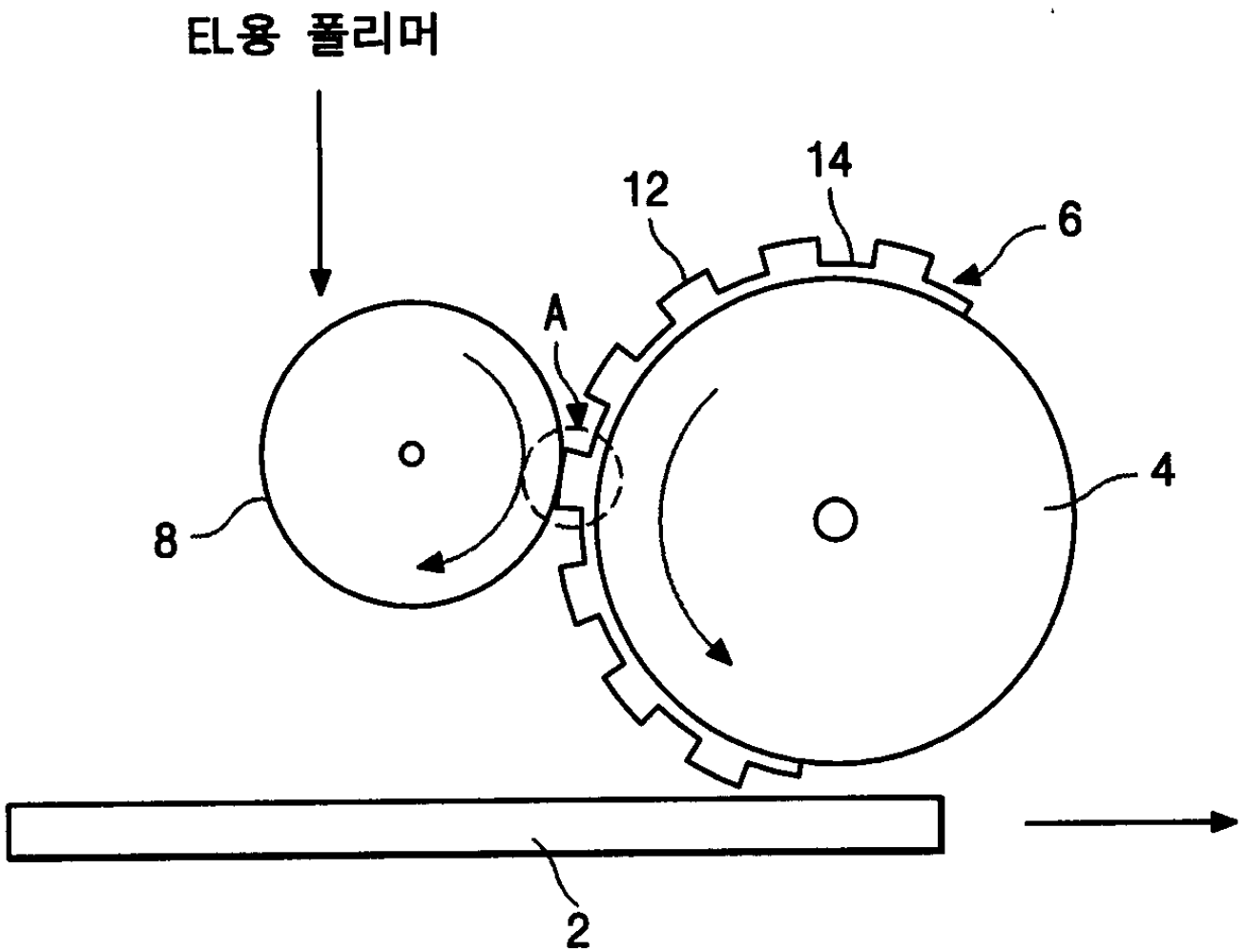
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가

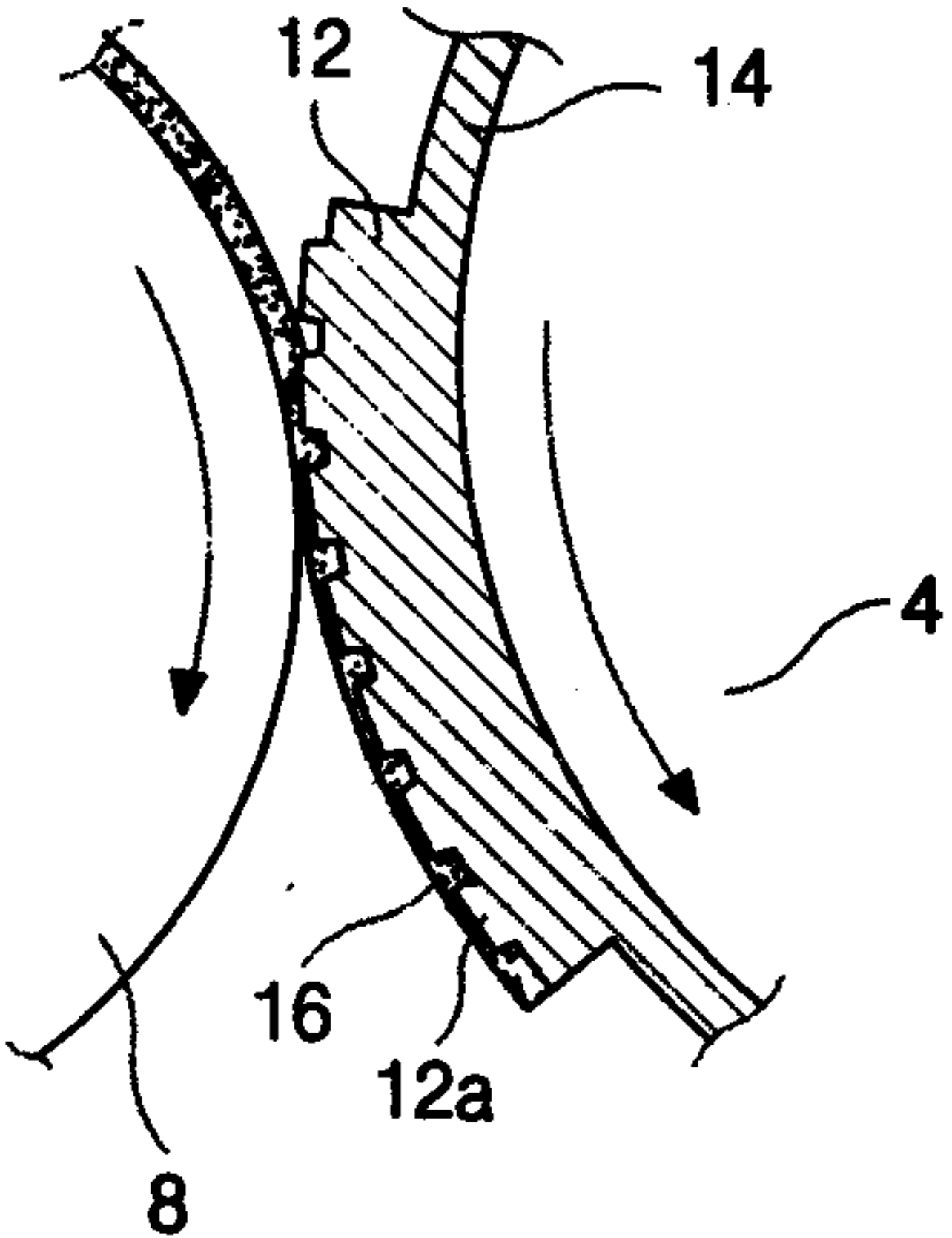
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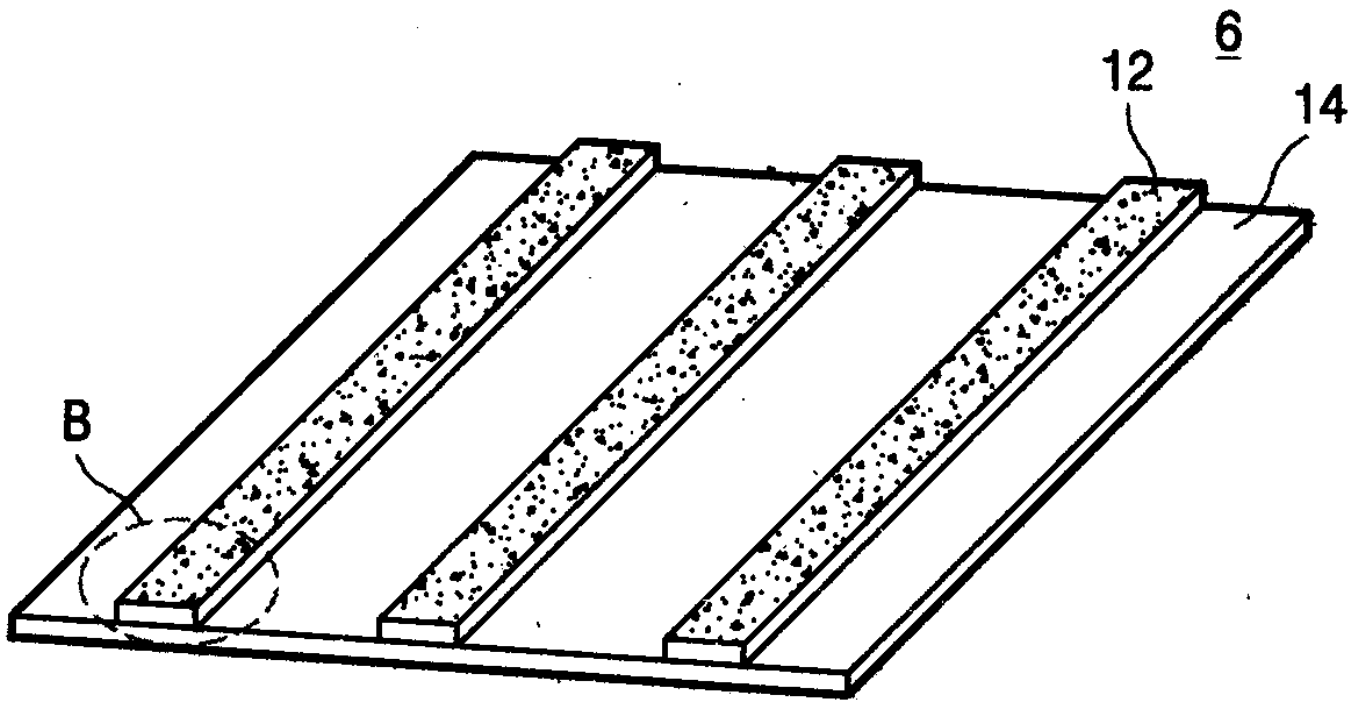
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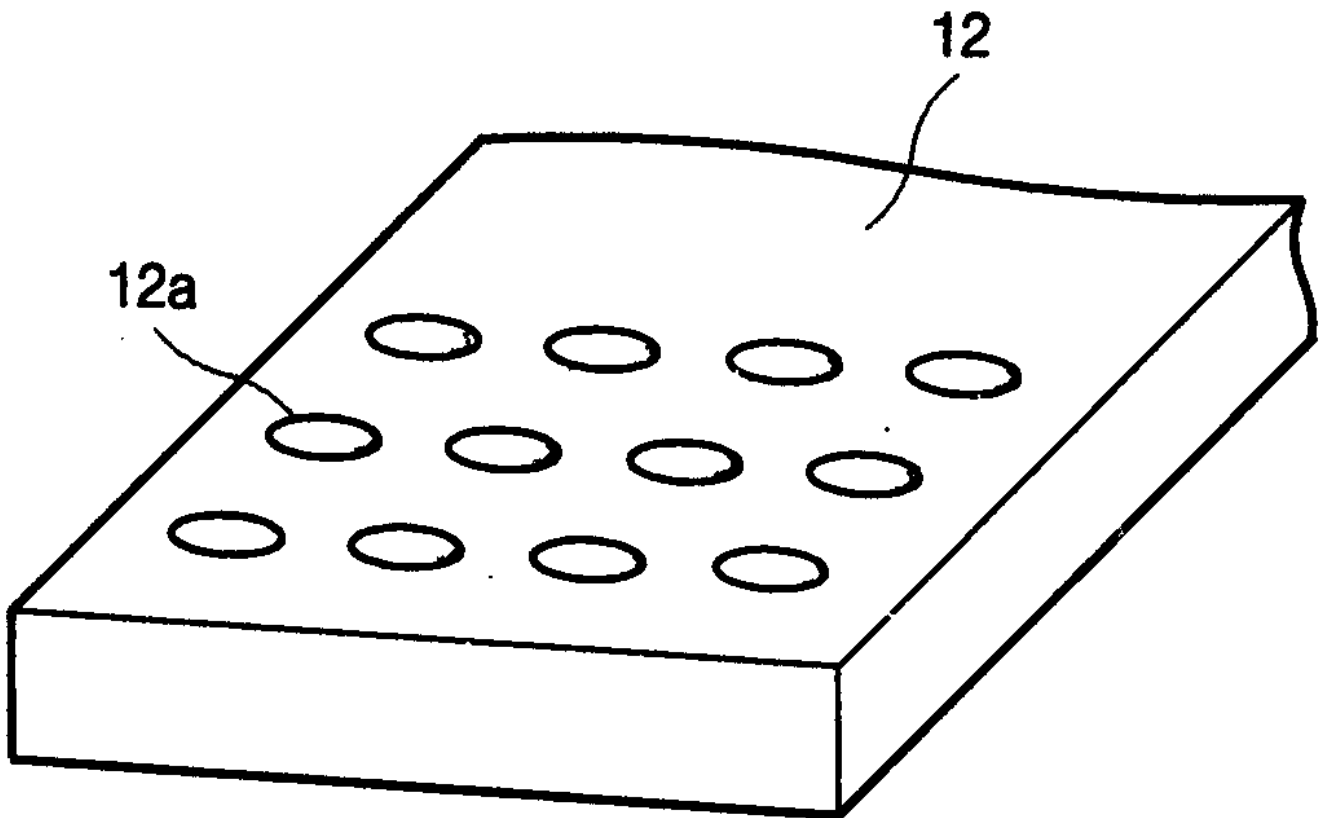
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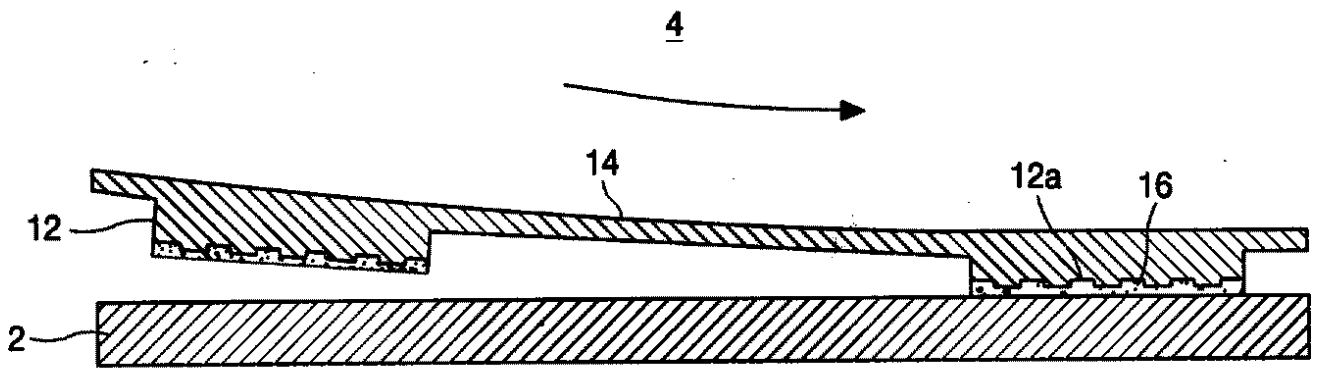
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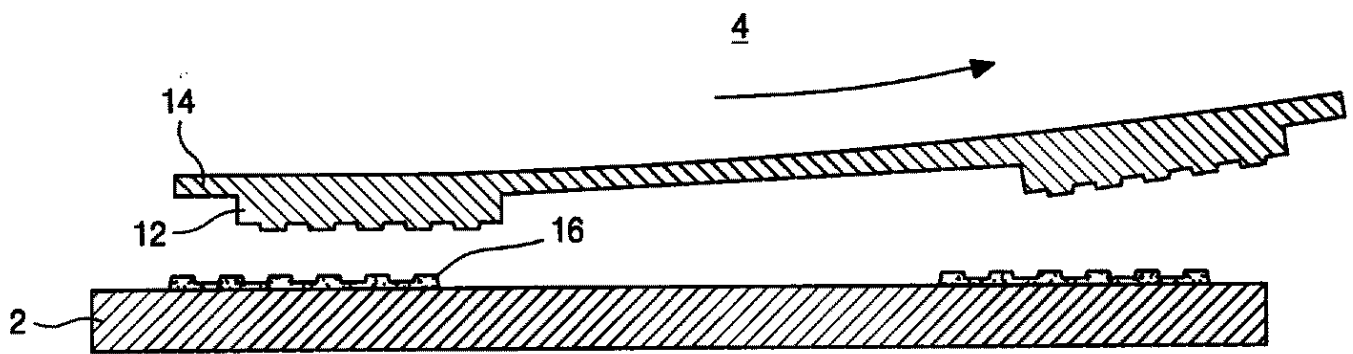
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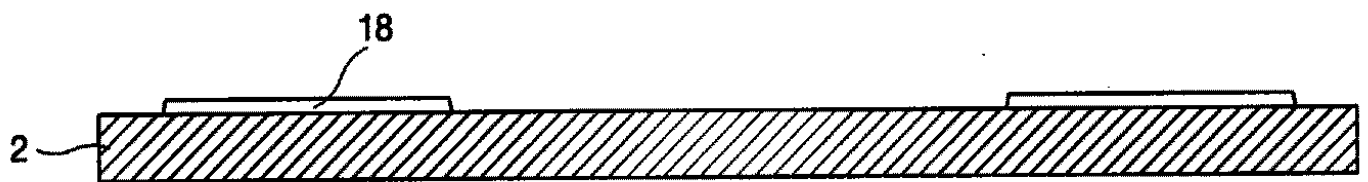
6a



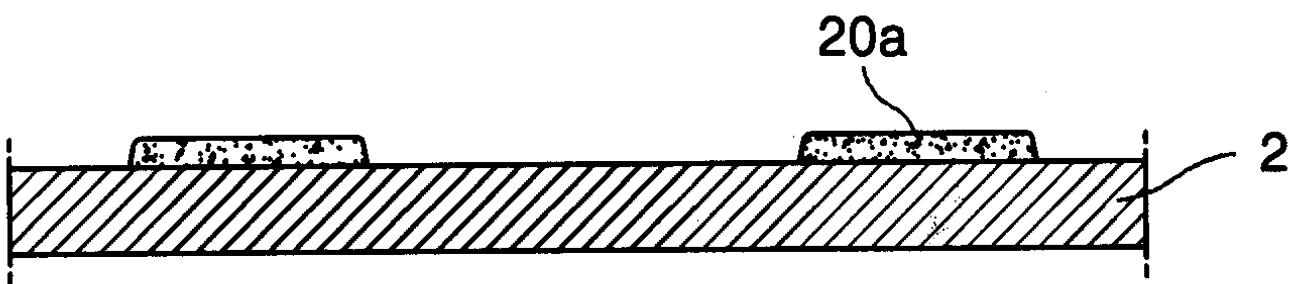
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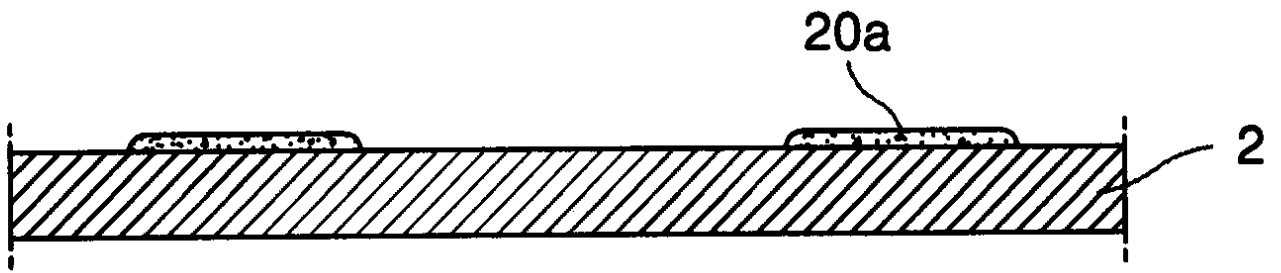
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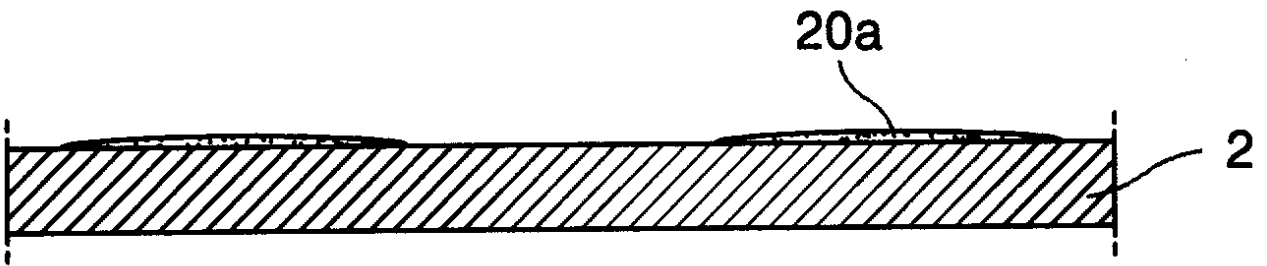
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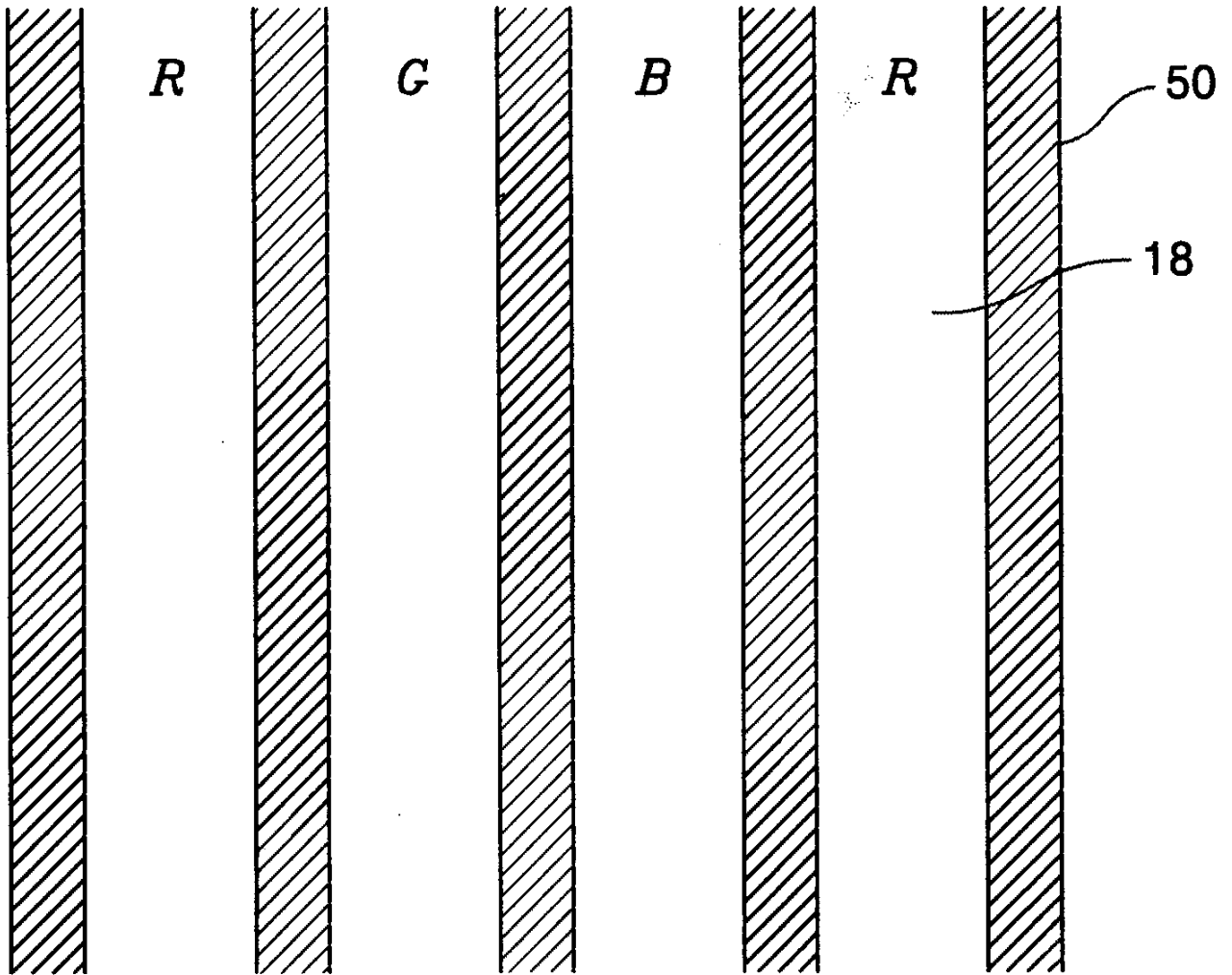
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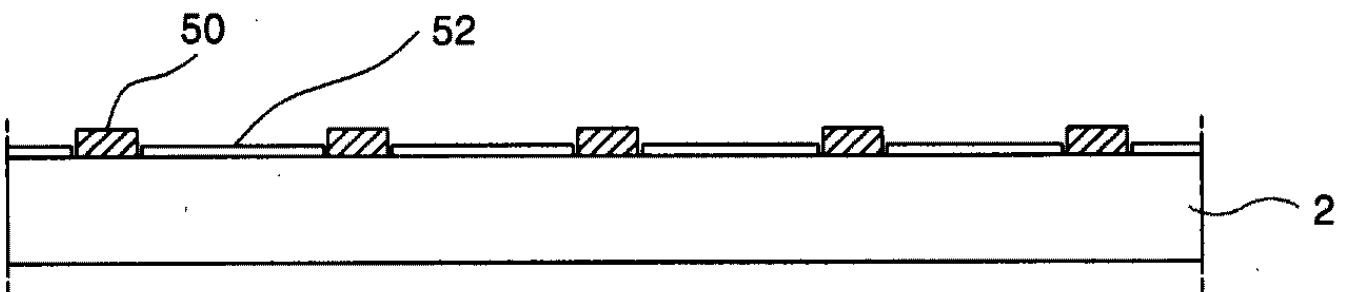
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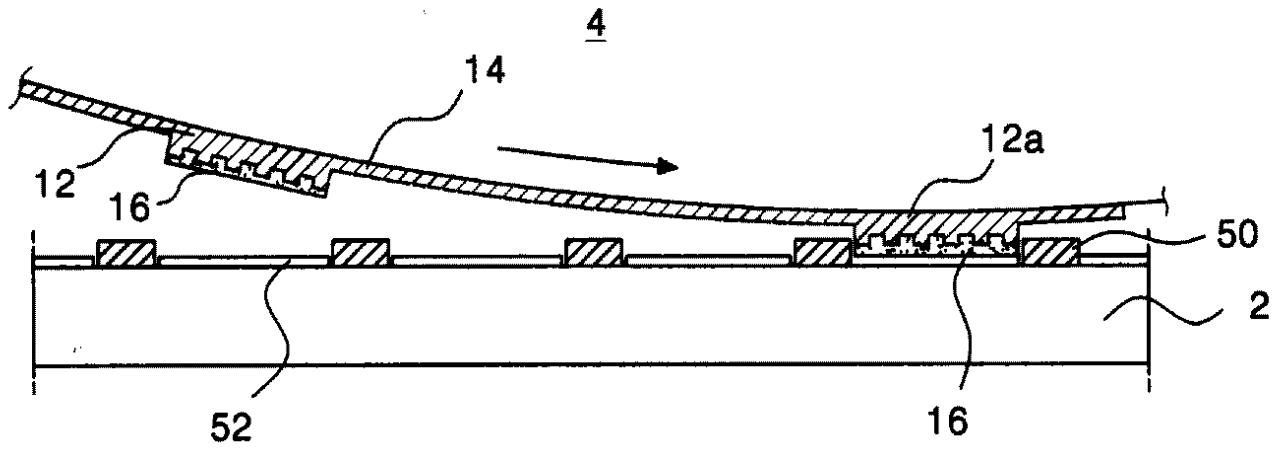
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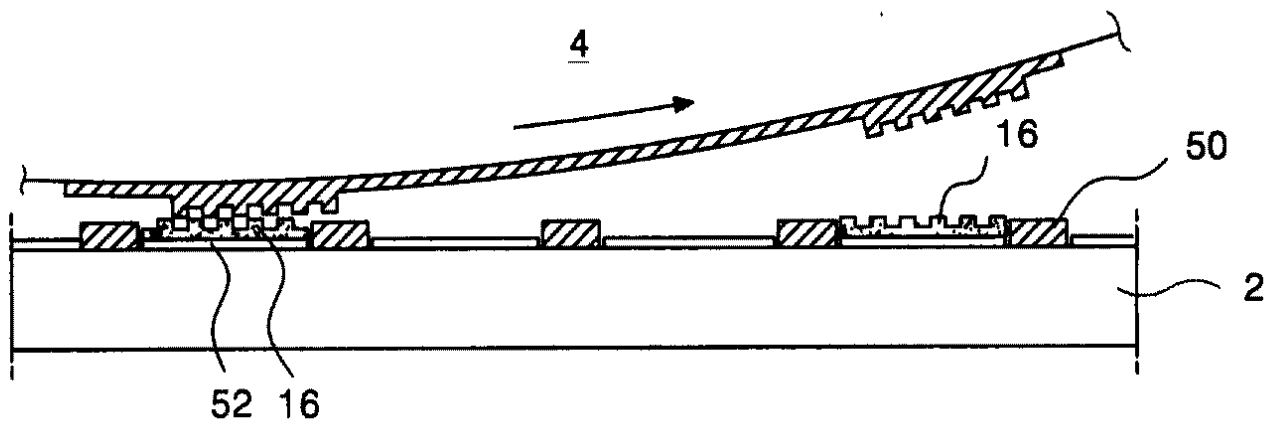
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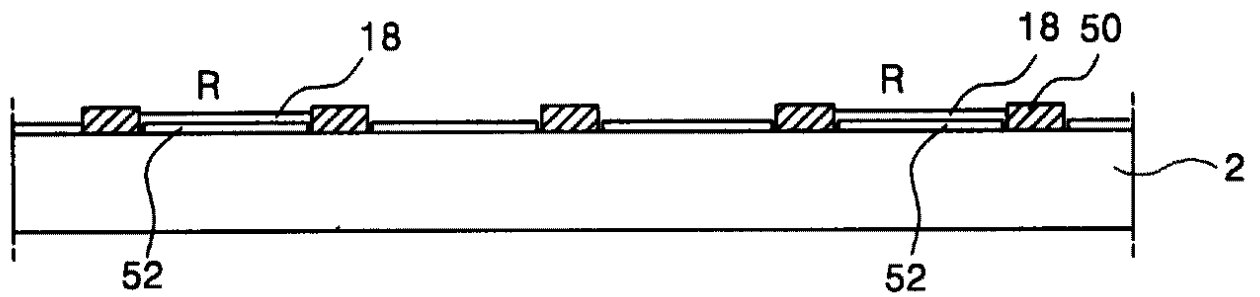
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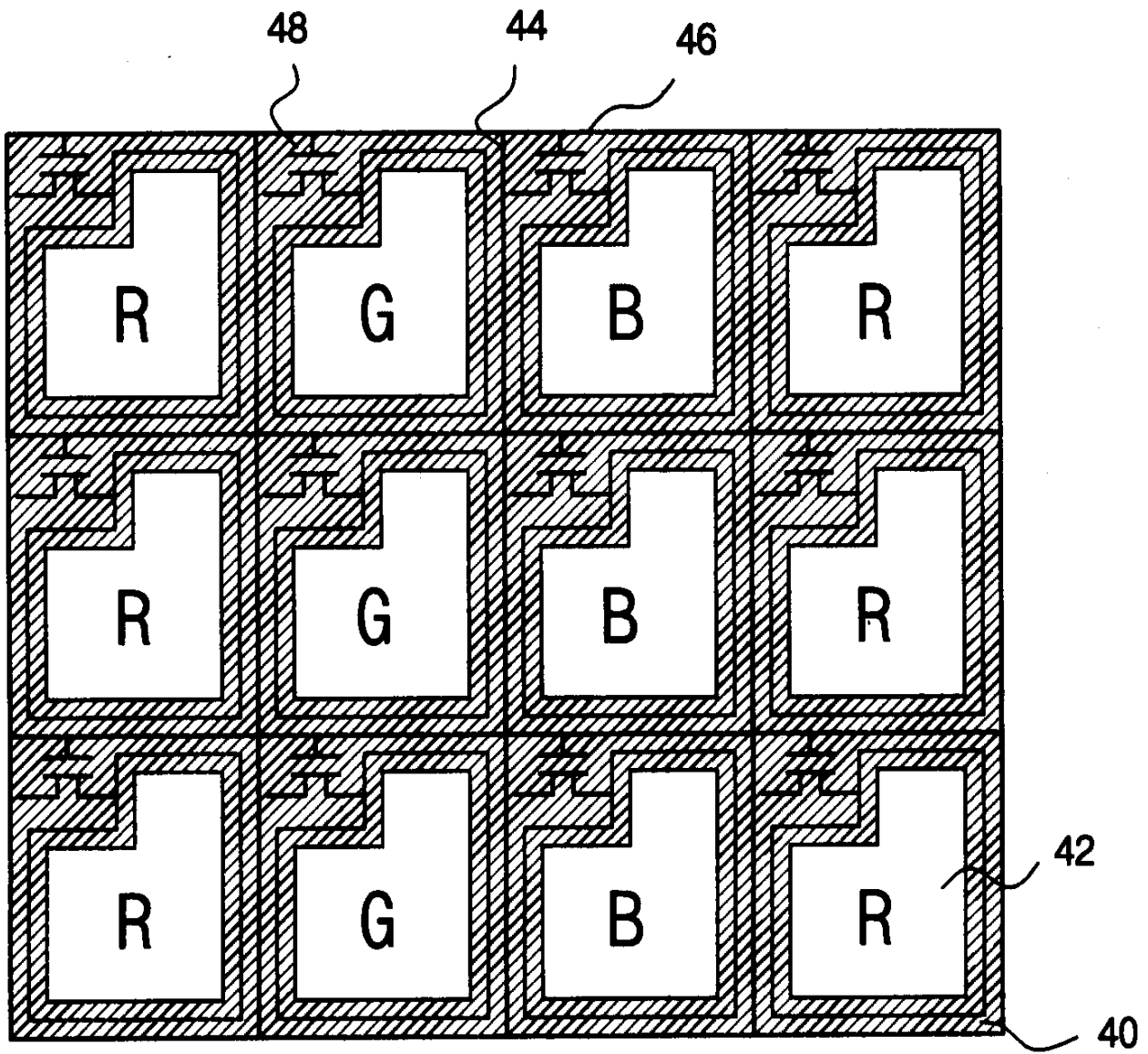
9c



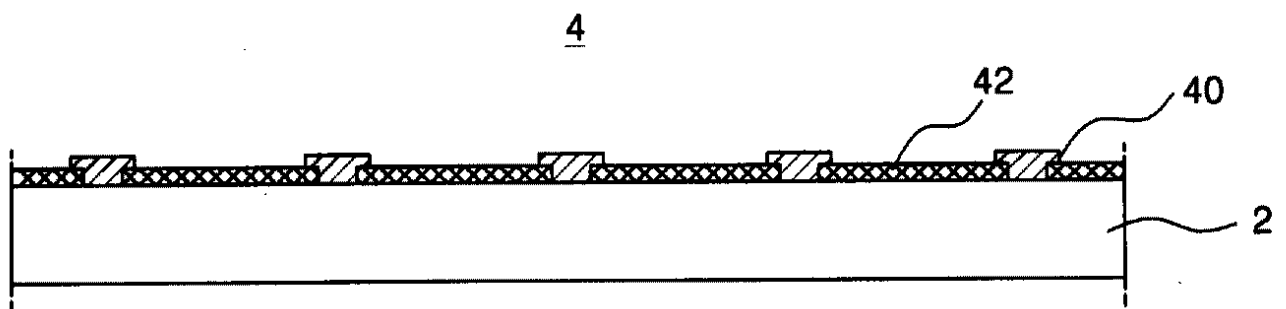
9d



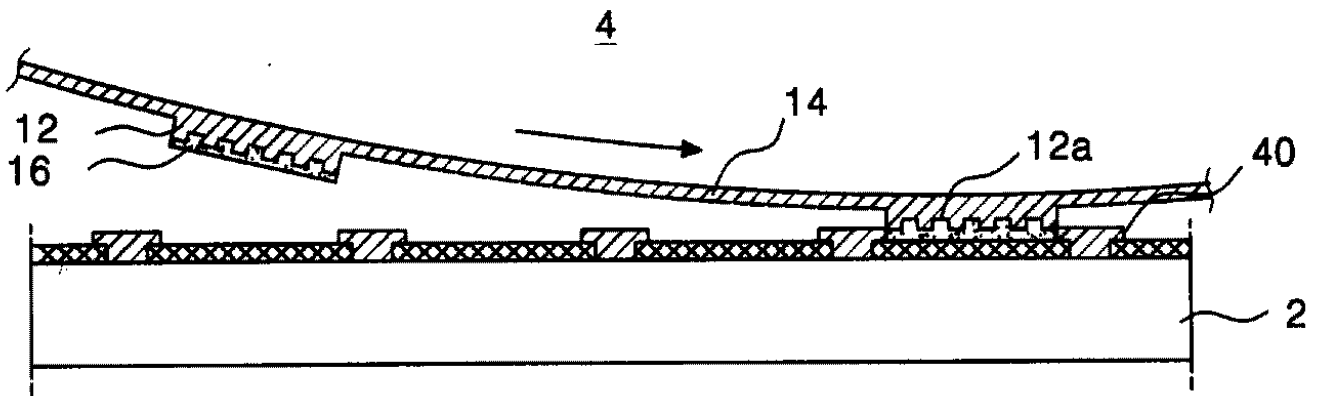
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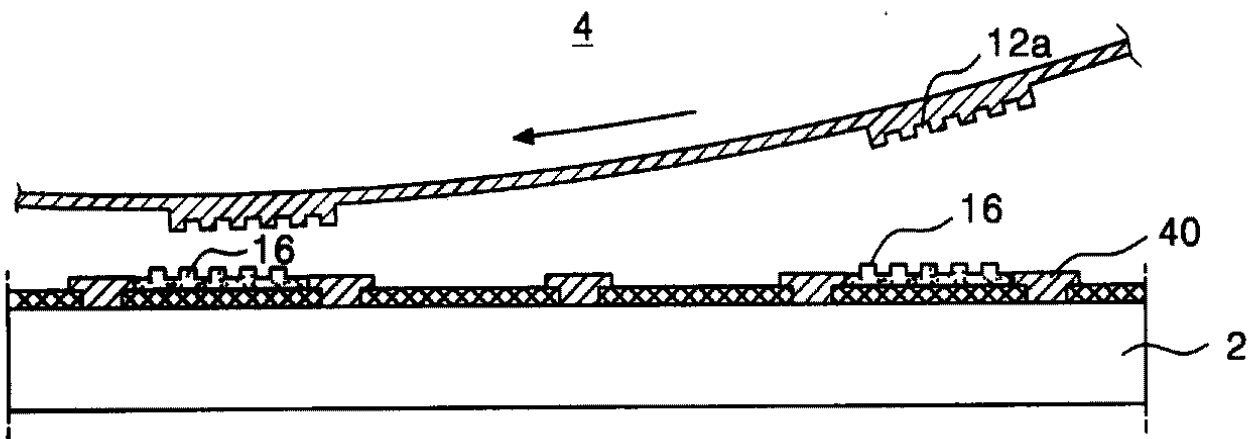
11a



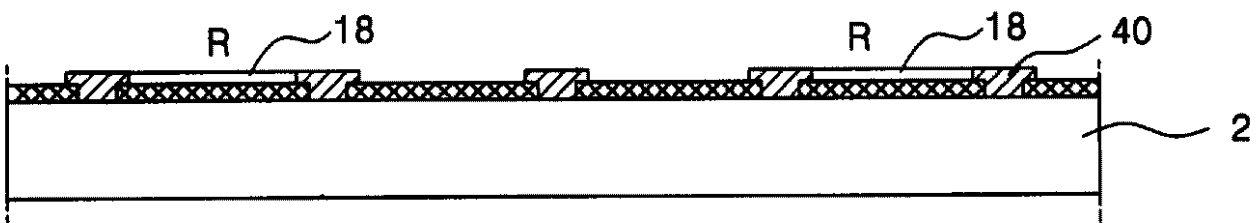
11b



11c



11d



专利名称(译)	用于电致发光显示装置的图案形成装置和使用该装置的图案化方法		
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申请号	KR1020000021297	申请日	2000-04-21
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	LEE JAEYOON 이재운 BAE SUNGJOON 배성준		
发明人	이재운 배성준		
IPC分类号	H01L51/56 H01L27/32 H05B33/10 H01L31/12 H01L33/00		
CPC分类号	H05B33/10 H01L51/56 H01L51/0004 H01L27/3295 H01L27/3211		
代理人(译)	KIM , YOUNG HO		
其他公开文献	KR100649722B1		
外部链接	Espacenet		

摘要(译)

本发明涉及用于图案化的装置和形成微图案的电致发光显示装置的方法，该电致发光显示装置用于像素的电致发光显示装置。其中形成有不平坦部分的模制板粘附在本发明旋转的辊上，并且聚合物溶液涂覆在用辊旋转的模制板上的聚合物溶液在基板上进行供应之后印刷在模制板上。

