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H01J 1/304(11)
(43)2001 - 0062831
2001 07 07(21) 10 - 2000 - 0084629
(22) 2000 12 28

(30) 11 - 374834 1999 12 28 (JP)

(71) 가 가
가 5 7 1(72) 5 7 1 가 가
5 7 1 가 가
5 7 1 가 가
5 7 1 가 가

(74)

(54)

, 가 , , EL

EL , EL ,
EL ,
가 ,

EL

1 1 EL ;

2a 2c 1 EL EL ;

3a 3d 1 EL ;

4a 4b 1 EL EL ;

5 X - X 4b EL ;

6a 6e 2 EL ;

7 1 2 EL ;

8 가 1 EL ;

9 가 2 EL .

1 : 2 :

3 : EL 4 :

5 : 6 :

7 : 8 :

10 : 30 ; EL

가

1999 12 28

11 - 374834

EL 가 (full color)EL 가 EL 가 /

가 , (dark spot)
, EL EL
; , ; ,
가 . ,
EL , EL 가 , ,
 , , , , , ,
 , , , , , , ,

8 , 9 - 148066 (, " 1 ") , , 1 EL
가 EL (51), ITO(Indium Tin Oxide) (52,), EL EL
EL (53), (54,) EL (55), EL (56), (56) (57) 가 .
(55) . (56) (57) , .
가 (56) (56) , .
,

9 , 61 - 96695 (, " 2 ") , 가
 EL . 9 , 2 EL (61)
 EL (62)가 (63) 1
 EL , 1 (57) ,
 ,
 (64) (63) 1 .
 가 EL . 가 .

, 1 , (57)가 (56) 가 , , 1 EL E

1

1 1 EL . 2a 2c 1
 EL . 3a 3d 1
 EL . 4a 4b 5 X - X
 4b EL

1 EL , 1 , 1 EL ,
 (1), (1) , (2), (30), (4,) (5) (7) 가
 EL (30) (30), (6), (5), (6)

EL (3) , (3a),
 a), (2) (4) (2) (3c) (4) , EL (3) . 가, ITO
 . (2) (2) (4) , ,
 EL (30) (30), (6), (5), (6)

(5) , (1) EL (30) (0.2mm)
) , 가 (5) 0.4mm (0.4mm) (5)
 . (1) (UV) (8) (1) EL (30)
 . , 가 (9) 가 , , EL (30)
 (5)

(5) , 20 μ m 200 μ m (7) (5) (6) , (7) 가 EL (30) (7) 가 (5)
 (7) (5) (5) (6) (6) . 가, (10) (10)

$$\begin{array}{ccccccc} \text{가} & & (6) & & (7) & & , \\ \text{가} & & (7) & & (5) & & . \end{array} \quad (10)$$

(7)	(6)가	가	가
가	,	1	,
가,	,	.	1

가 1 (6)
가 1
(6) 5
,

, EL EL (30) 2a 5 ,
1 (6) (6) (1) (6)
EL (7) 가 (5) , (1)
EL (30) (30) (1)
2a 2c , (1)
c). , (2) (2)
가 , (1) ,
(3a), (3b) (3c) EL (3) (2b) 2c). ,
(4,) (2b 2c).

， (6) (7) 가 (5) 3a 3d (5) 0.2mm
 3d , 0.4mm 0.4mm (5) . (5)
 (5) .

(11) , , ,
 (7) 가 3a , , ,
 (7) (10) , (6) ,
 (10a, 가) (7) (5) (11a) () 2 (10b, 가)
 5) (10) (11) .

(11a)	(11)	3b	1	(10a)
,	3c	,	(6)가	(10a)
,	(6)	(6)	1	
(6)	(10)		,	,
(11)	(가)	2	(10b)
	(7)가	(7)	(5)	
(5)				
,	4a	4b	,	(5)
	(1)	EL	(6)	(1)
	(8)가	(5)	(30)	가
1)	EL	(30)		(9)
	,			
	(6)가	(6)	(8)	(10)가
EL	(30)가	(5)		
	,	1	EL	가
,	1	,	(6)가	(7)
			가	가
가	가	EL	(ON)	
,	1	,	EL	(10)
	(7)	,		,
	(10)	(6)	,	
)	(7)	(5)	(11)	(11)
(11a)	(11a)	(11)	(6)	1
(10a)	(6)	(11)	(5)	2
		(1)	(5)	(10b)(가
)
				(10a)(가
,	1	,	(7)가	
	(6)	(5)	가	
2				
6a	6e	2	EL	(3)
2				

$$\begin{aligned}
 & 0) \quad & (11)(-3a-) & , \quad \text{EL} & 6 \\
 & a \quad 6d & & 1 & \\
 & 6d & , \quad (12) \quad (6) & (10) & 6a \\
 & (12a) & (12) & (12) & (12a) \\
 & (12) & (10) & 1 & (10a)(\gamma) \\
 & & 1 & (10a) &) \\
 & & (10a) & (6) & \\
 \end{aligned}$$

, 2 EL . 2 , (6)
 (13) 1 . , 6a 6e , 1

2 (10) , (12)
 " ")가 (13) (10a; 가 (6a) . , (12)
 (6) 1) (10b) (가 (10) 2 (10b)
 (12) (12a) 가 (10) (6b) .

, (6) (10) (12) (12a)가 2 (10b)
 . , (12) (6) (12)
 . (10) , 1 (10a) (10a) (6c). (6)가 (6)
 , 1 (10a) (6) , , (6)가
 1 (10a) . , (12) (10) (10b) (6d)
). 2 (10b) (12) 2 (10b) (6)
 가 (13) (5)

, 2 , 1 가 가 . 가 . , (12)

가 , 가 , 가 . . , 가 , 가 ,

EL (3)

(57)

1

1

1

?

1

가

51

3.

1 , EL .

4.

1 , EL .

5.

4 , EL .

6.

1 , EL .

7.

6 , ,
, 가
,
, EL .

8.

, EL ,
EL ,
EL ,

가 ;

1

2 ;

1 1 ,
1 ;2 2 ,
2 ,
EL .

9.

, EL ,
EL ,
EL ,

;

$$1 \quad \quad \quad 2 \quad \quad \quad , \\ 1 \quad \quad \quad ;$$

2 가

10.

8 , 가 2 , 가
1 El .

11

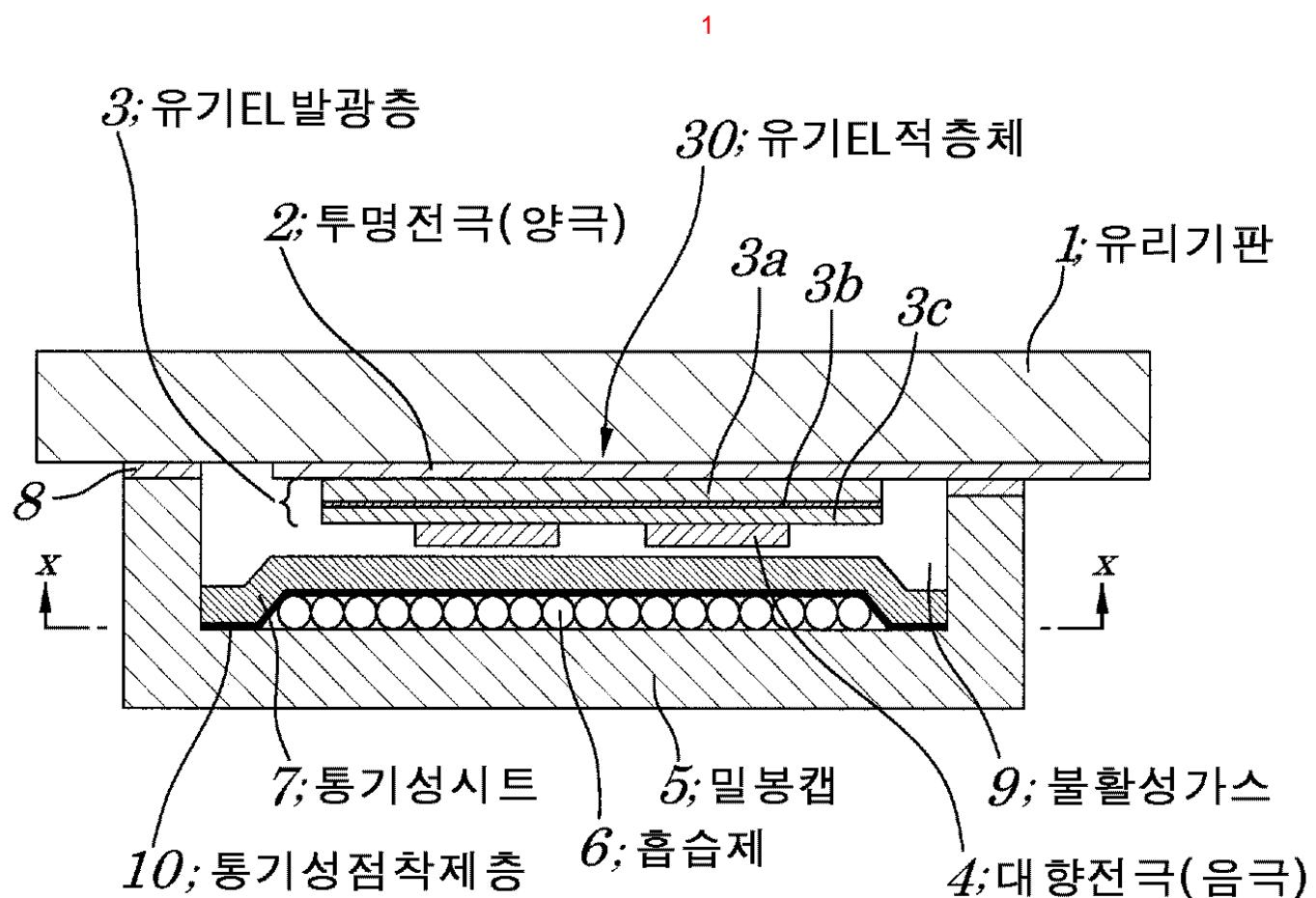
9 , 가 2 , 가
1 El

12

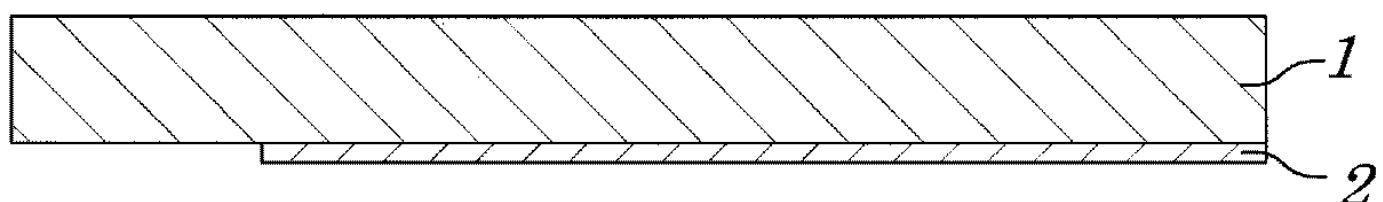
8 , 1 2 El

13

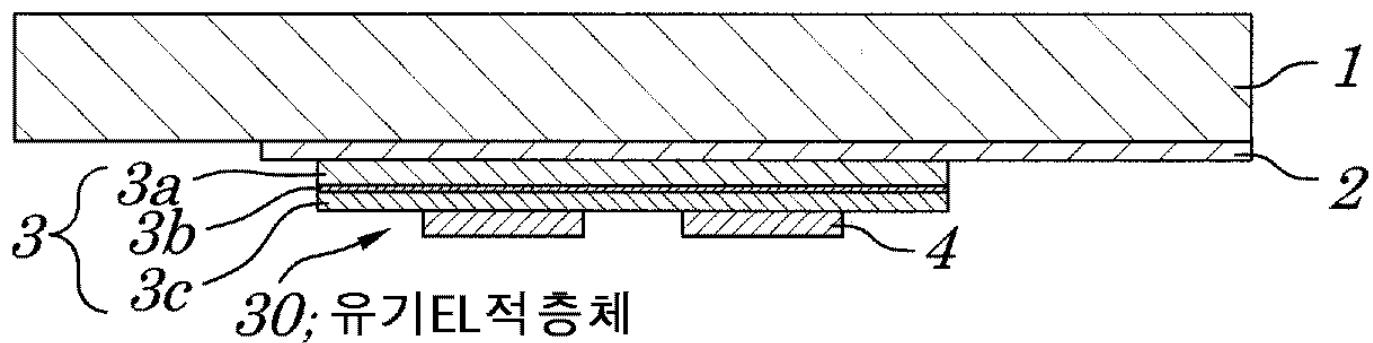
14

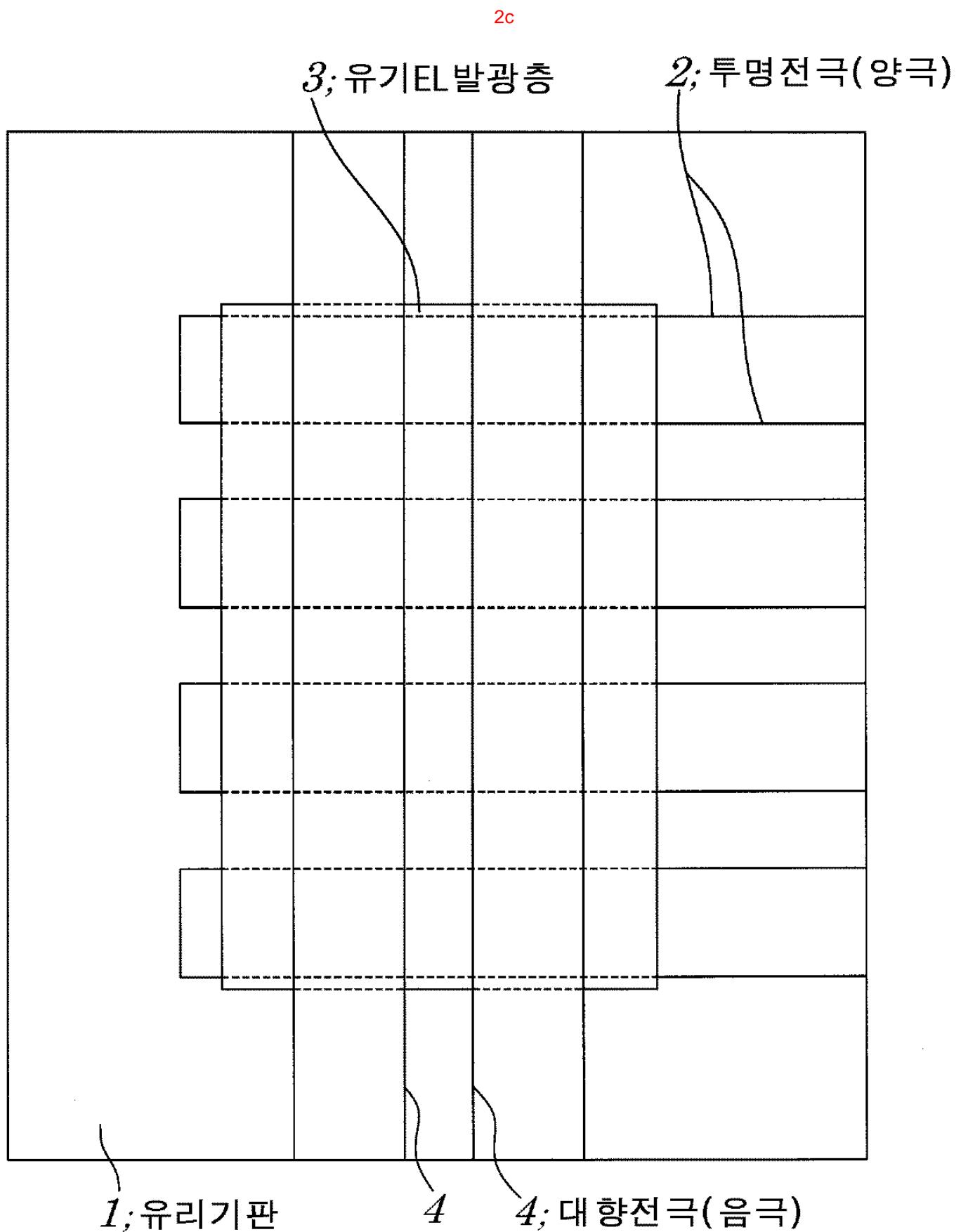


2a



2b





3a

11; 박리지



7; 통기성성시트

10; 통기성점착제 층

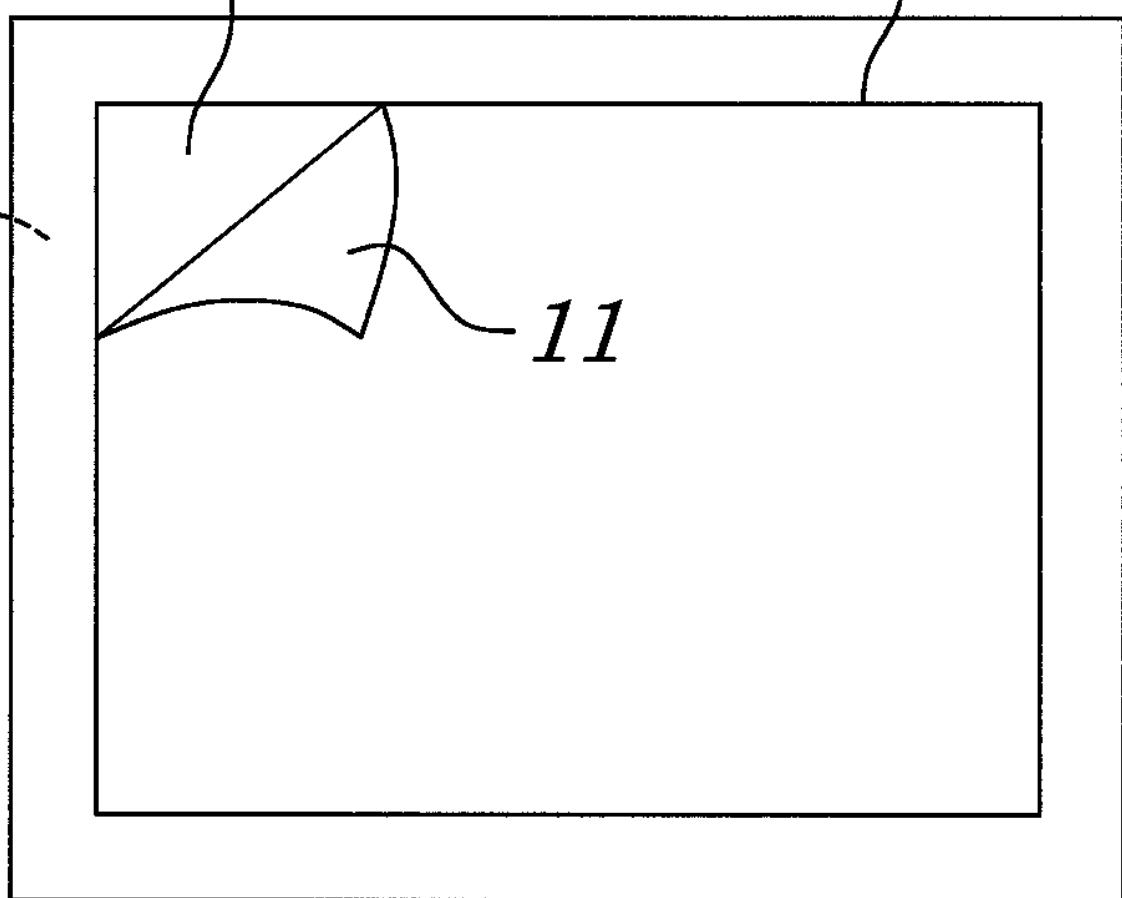
3b

10a

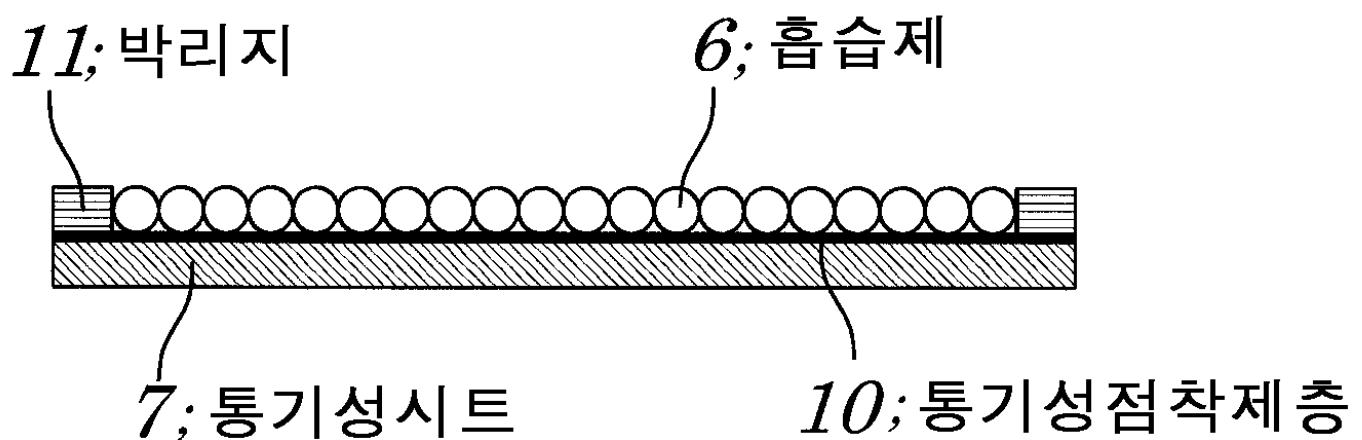
11a; 절단선

10b

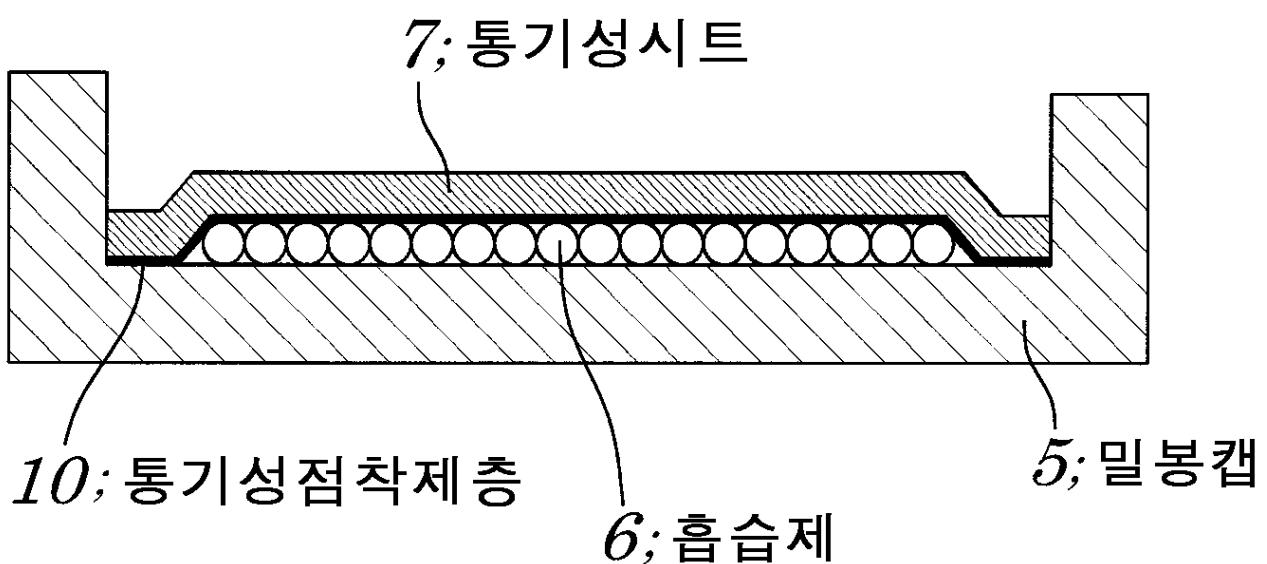
11



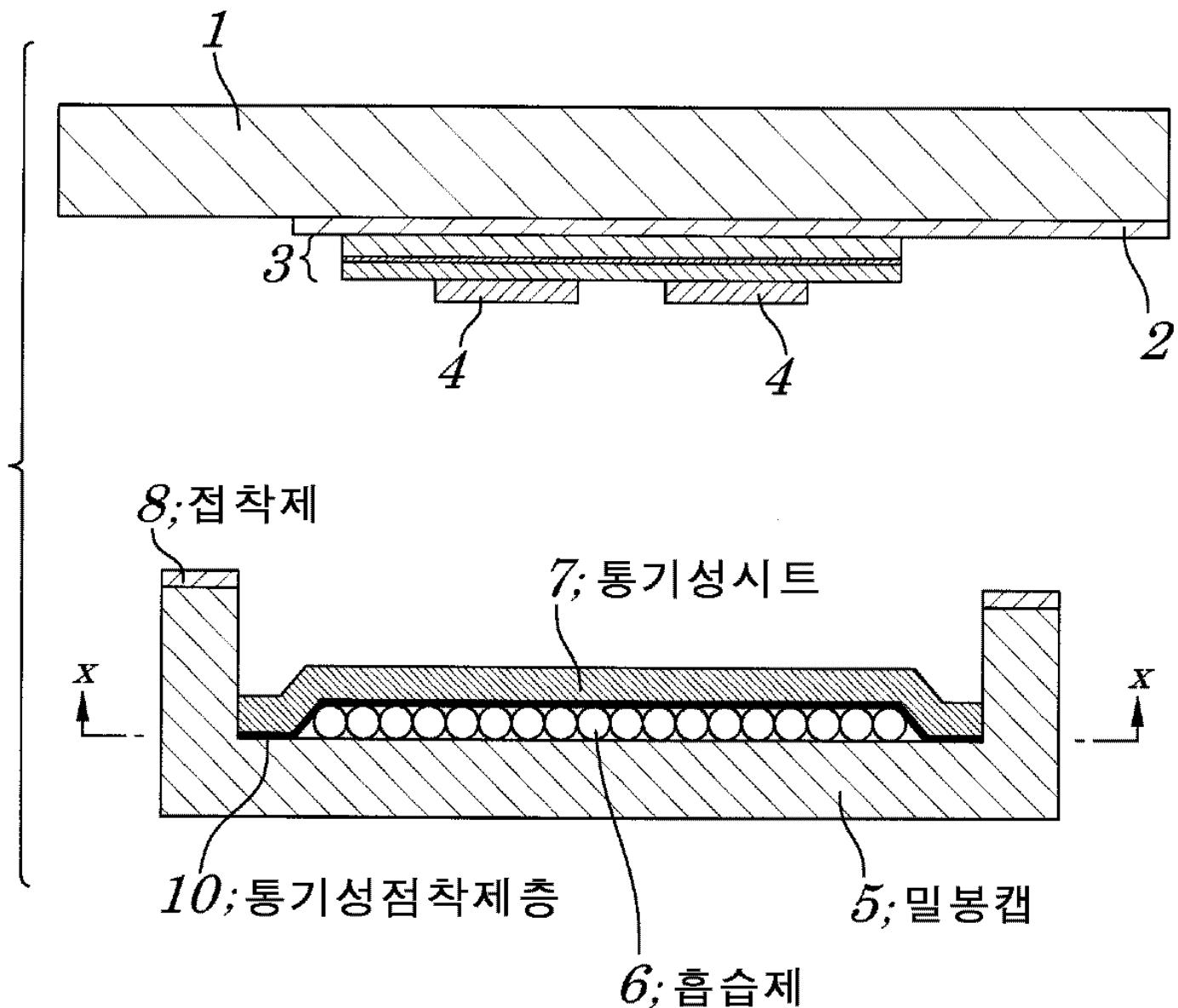
3c



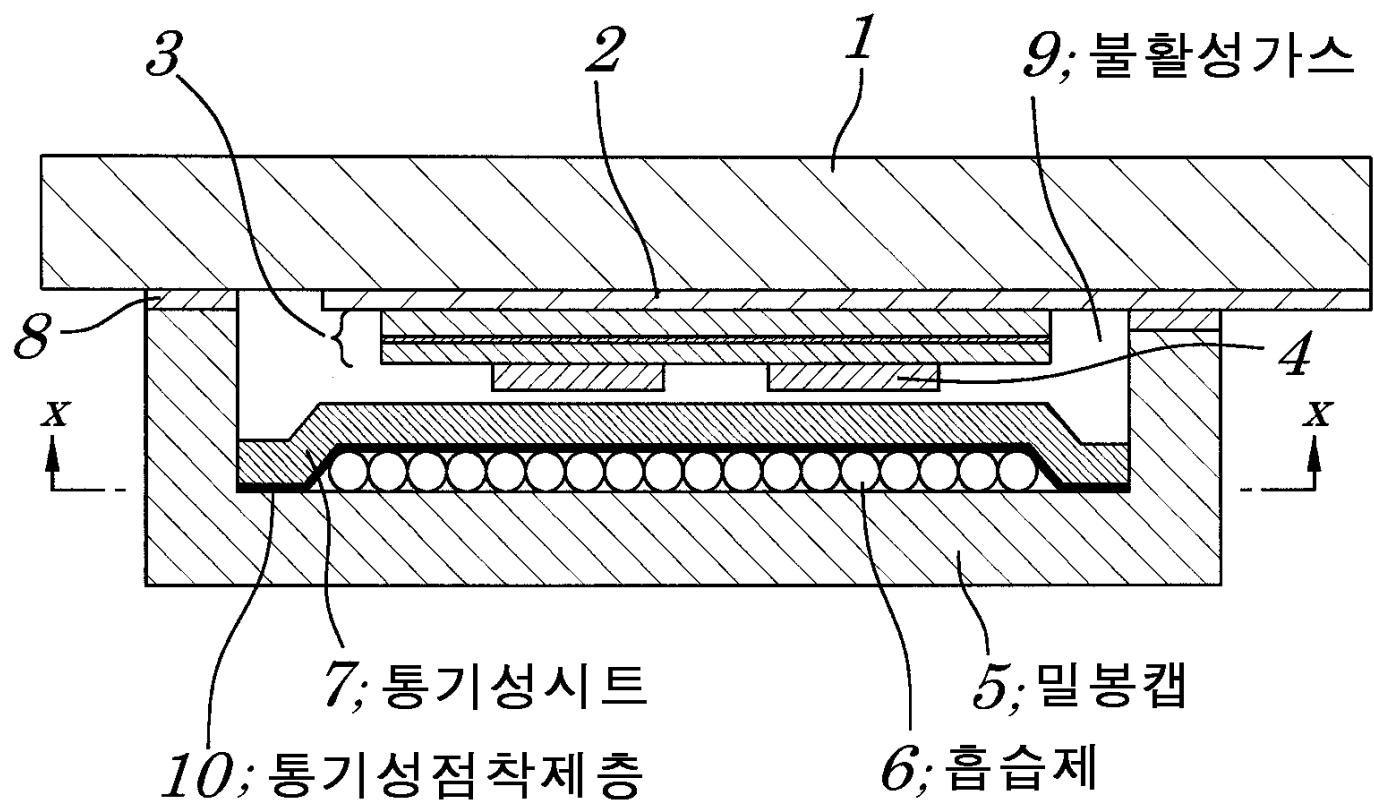
3d

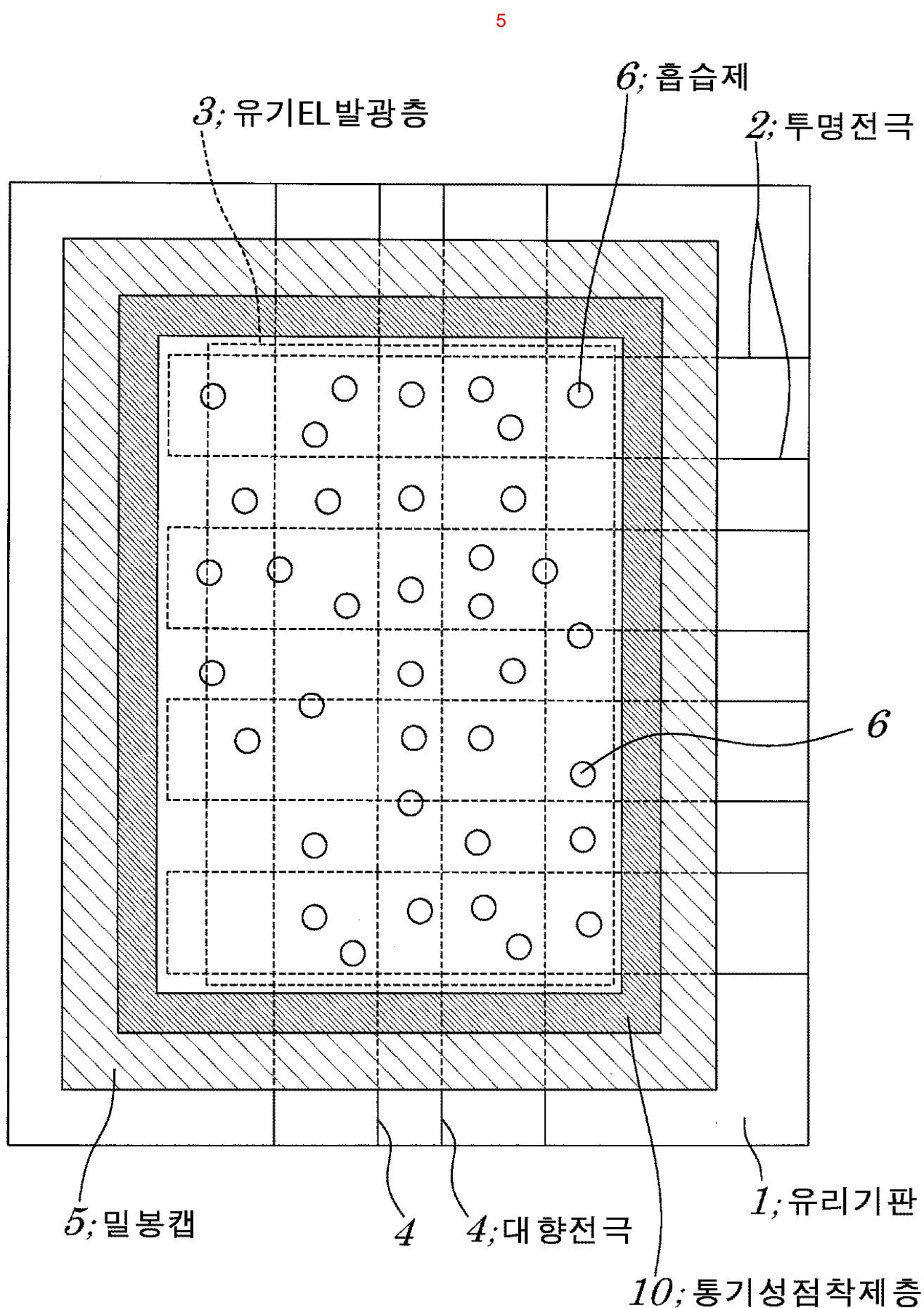


4a

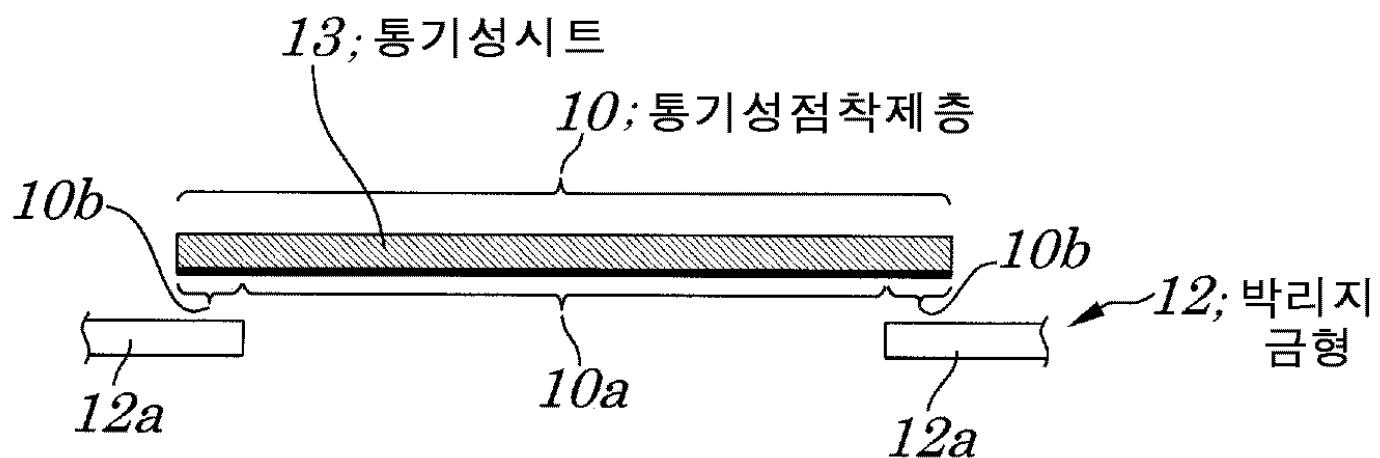


4b

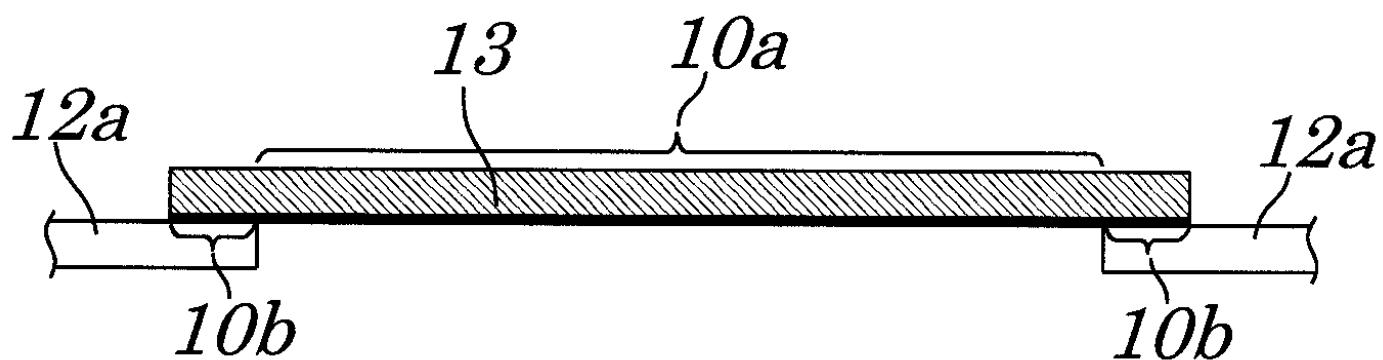




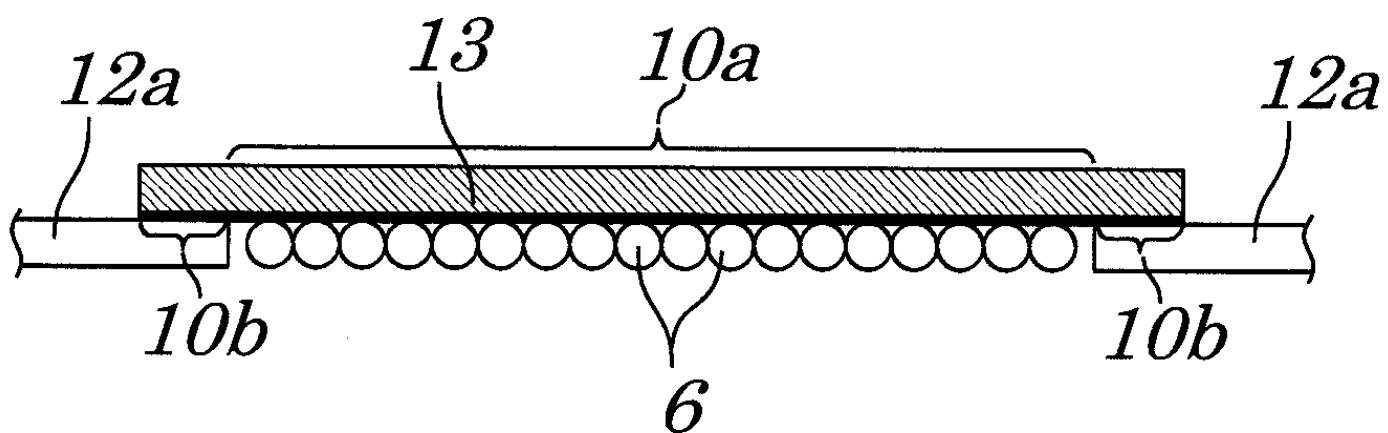
6a

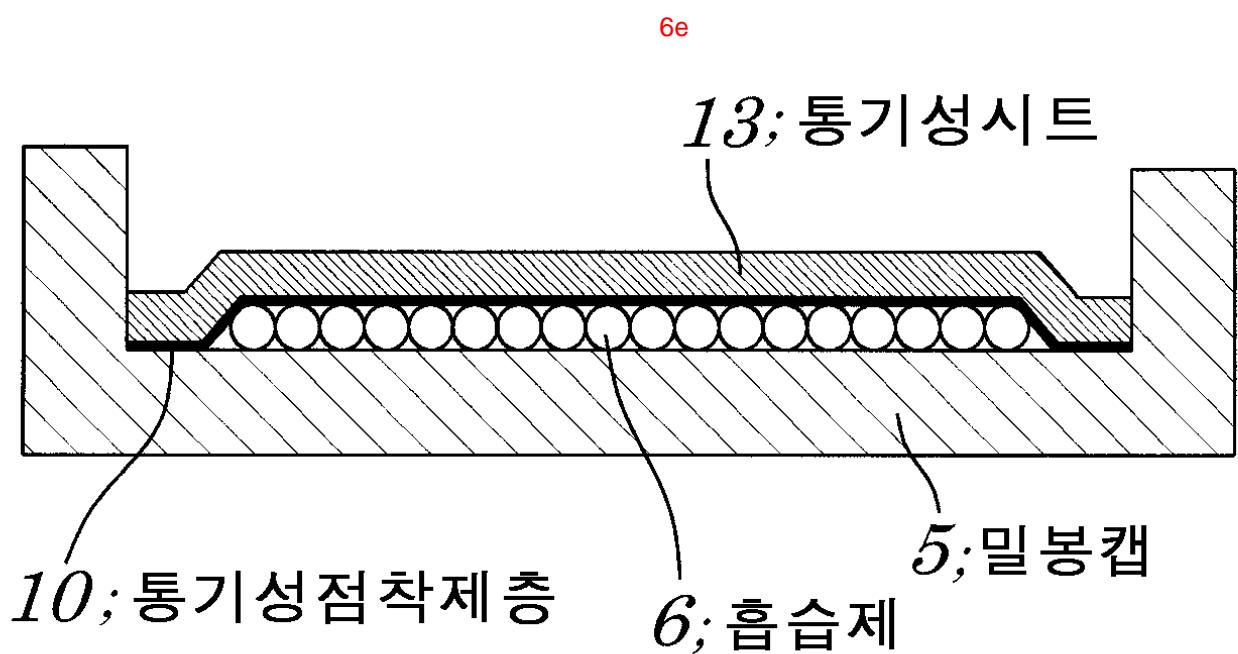
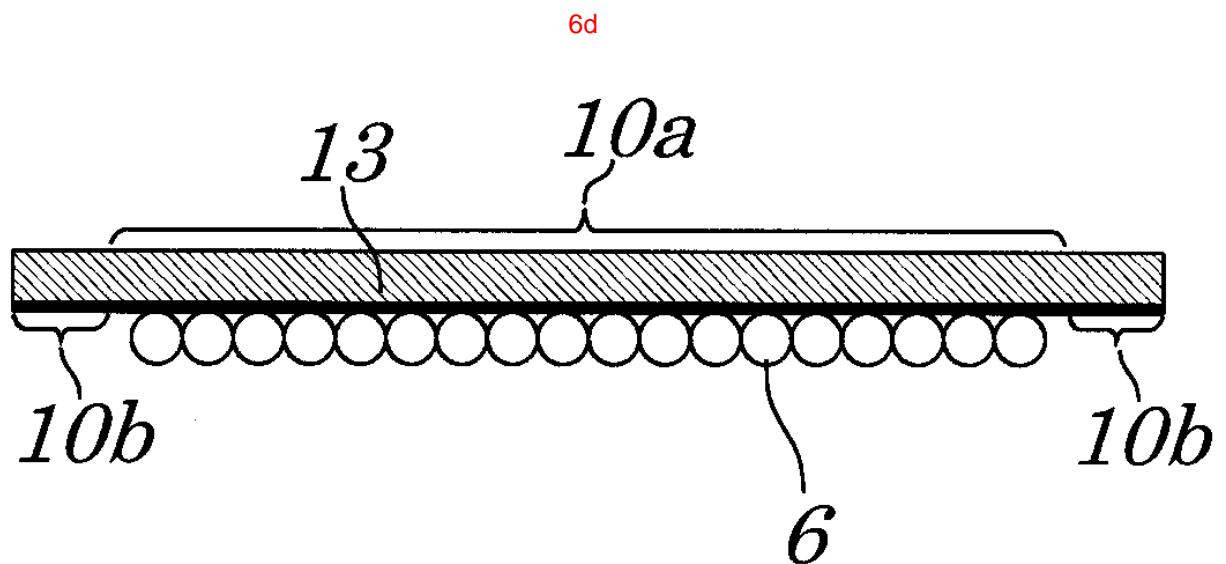


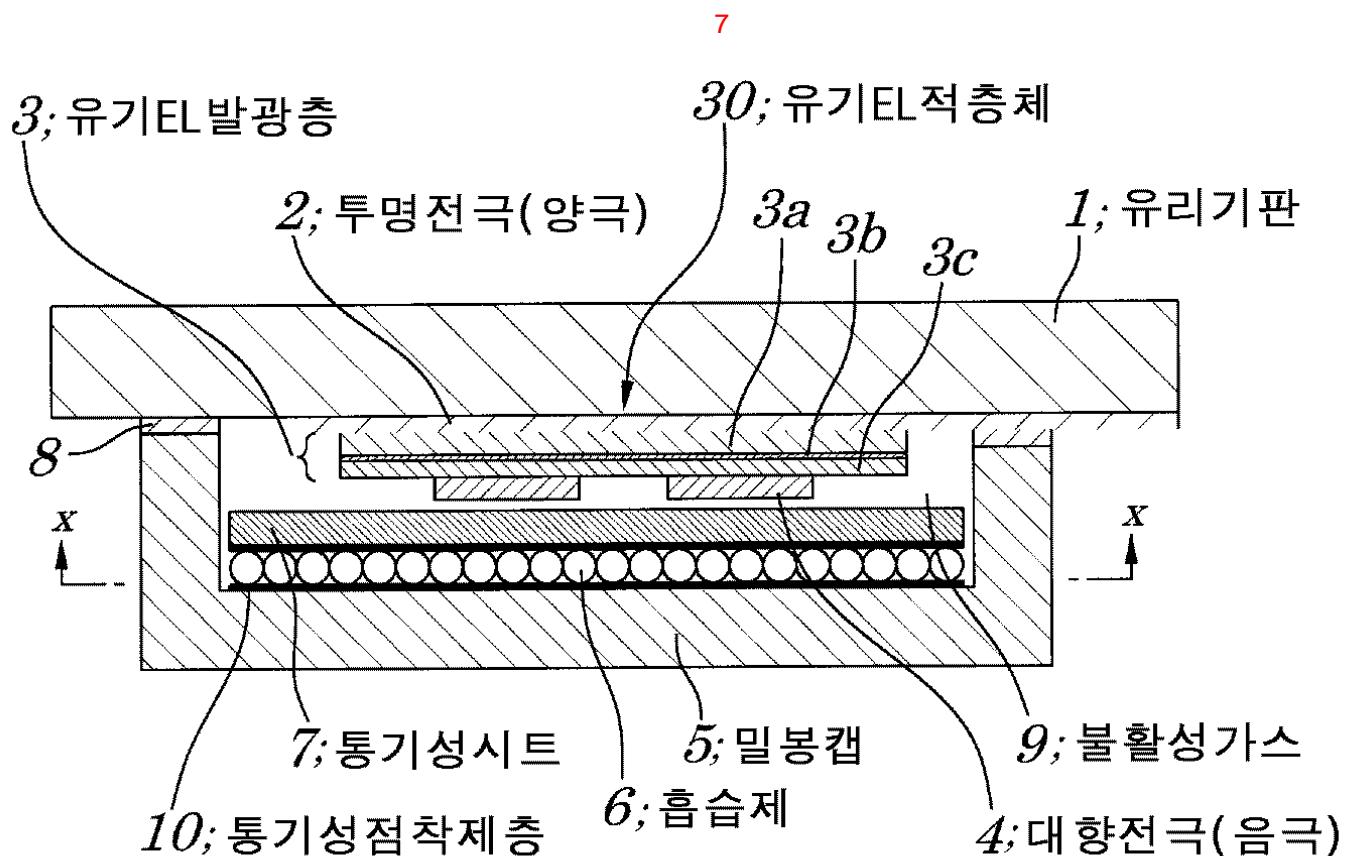
6b



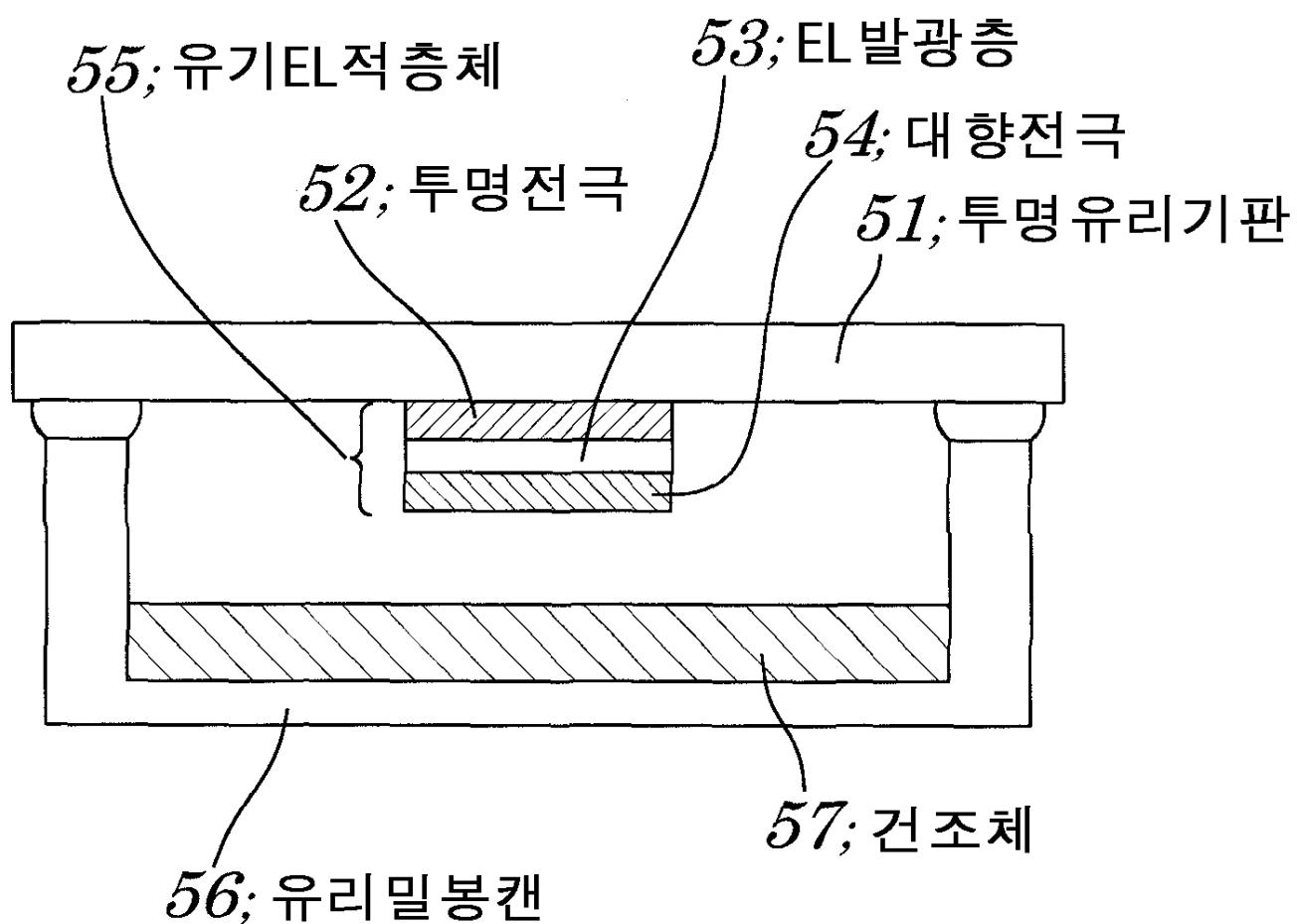
6c



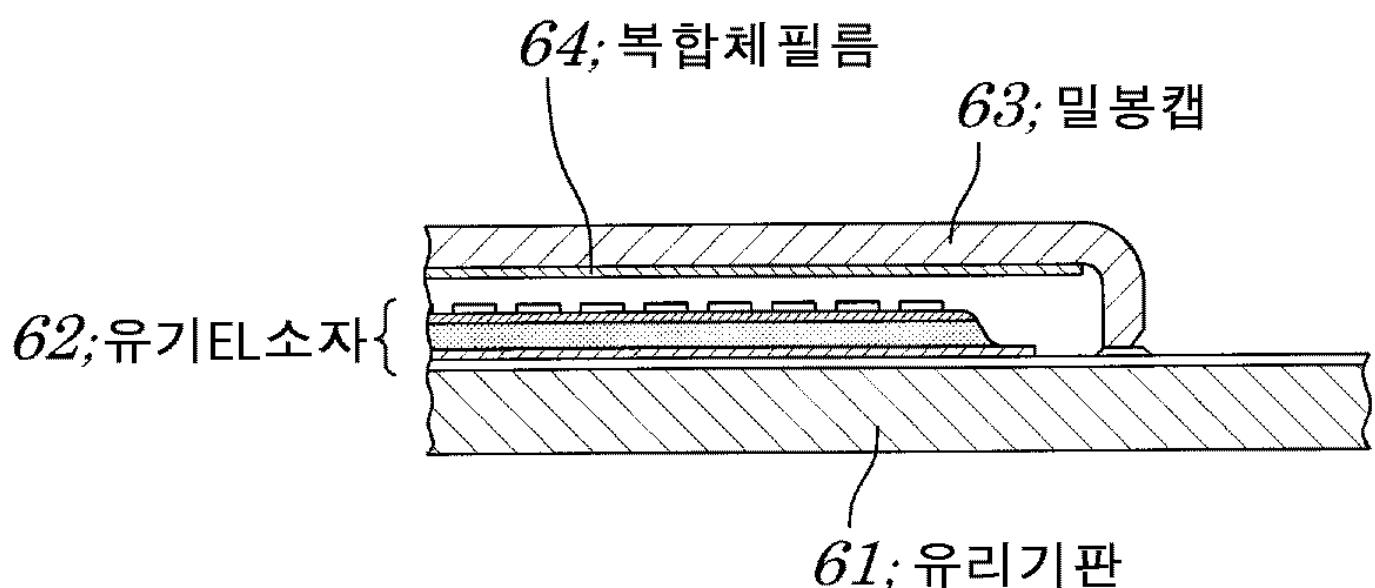




8



9



专利名称(译)	有机电致发光显示面板及其制造方法		
公开(公告)号	KR1020010062831A	公开(公告)日	2001-07-07
申请号	KR1020000084629	申请日	2000-12-28
申请(专利权)人(译)	日本电气有限公司sikki		
当前申请(专利权)人(译)	日本电气有限公司sikki		
[标]发明人	ISHII IKUKO 이시이이쿠코 SAKAGUCHI YOSHIKAZU 사카구치요시카즈 OOISHI MITSUMA 오이시미쓰마 SUZUKI JOJI 스즈키조지		
发明人	이시이이쿠코 사카구치요시카즈 오이시미쓰마 스즈키조지		
IPC分类号	H01L51/50 H01J H05B H01L51/52 H05B33/12 H01L27/28 H01L27/32 H01J1/304 H05B33/04 H05B33/14 H05B33/10 H01L		
CPC分类号	H05B33/10 H01L27/32 Y10S428/917 H05B33/04 H01L51/5237 H01L51/5259 Y10T428/23 Y10T428/239 Y10T428/24777		
代理人(译)	JO , EUI JE		
优先权	1999374834 1999-12-28 JP		
外部链接	Espacenet		

摘要(译)

所公开的内容提供了有机电子发光显示面板，其均匀且薄薄地真实地可以保持吸湿剂而不牺牲光发射率和在密封帽内显示对比度的任务，并且便于制造并且能够适应薄的成形和制造方法。它们。该有机电子发光显示面板包括形成透明绝缘基板的密封盖，形成于透明绝缘基板上的有机电致发光显示器与密封腔配合并与绝缘基板配合，并在内部密封地包括有机电致发光显示器。此外，吸湿剂密封在密封室内。这种吸湿剂是粉末状的，它被夹在密封盖和渗透性片之间。有机电子发光显示板。

