

(19) (KR)  
 (12) (A)

(51) Int. Cl.<sup>7</sup>  
 H05B 33/10

(11)  
 (43)

2003-0074227  
 2003 09 19

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(21) 10-2003-0013684  
 (22) 2003 03 05

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(30) JP-P-2002-00059591 2002 03 05 (JP)

(71) 가 가  
 2 5 5

(72) 1 - 35 - 4

1 - 218 - 301

(74)

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(54)

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(60) (10) (60) , (30) (12) EL  
 (20) (60) (60) 가 , (60) (20) , (10)  
 (16) , (60) 가 (16) , (16) , (10)





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EL 가

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4a	(30)			(10)	3 x 3	(42)	,
(50)가	(42)	(10)	,	(30)가	(30)가	(50)가	,
4		.	.	(30)가	(42)	(42)	
4b	(10)		.	(10)	(30)	(30)가	
(42)		,	.	(30)	3-5μm		
4c	(30)	(60)	,	(60)		(42)	가
(60)가			.			(30)	(42)
5	(30)		.	4	5	(30)가	
,	(42)	가 가	.	.	.	(30)	(42)
6	(10)	(42)	,	(30)	,	(42)	
(44)		.	,	(30)	(42)	(44)	(14)
)		,	,	(30)	(10)		
7	6	(30)		,	,	,	,
(42)		(30)	(42)	(30)			
,					,		,
	(20)		.	.	.	,	,
가	,	(16),	(42)	가	(30)	,	가
,		(22)	.	(24)	(30)	(24)	(30)
8	(10)		.	(30)		,	8a
,	(10)	(14)	,	(14)		,	,
			.	.	,	8b	,
,	(30)	가	가	,	,	,	,
(30)	(16)		.	,	,	,	,
,		,	.	,	,	,	,
(30)가	(30)	가	,	(14)	(30)	(14)	가
		,	,	,	,	(30)	.
9	2	EL			.	9a	(4)
2)	(12),	(14)	(16)		.	(10)	
9b	(20)		.		.	,	
	(72)	,	(12)		.	,	
	(80)		(14)	,	.	(80)	
(20)			(16)	,	.	(10)	,
				.	.	(20)	,
(72)가	(12)		,	.	.	(70)	,
	(72)가	(10)		.	.		
			(16)		.		
9c	(20)		.	(22)		.	(
22)	9b	(70)	.	(20)	(24)	.	
	(50)	.	.	(50)		(24)	
		.	.		.	(80)	

(57)

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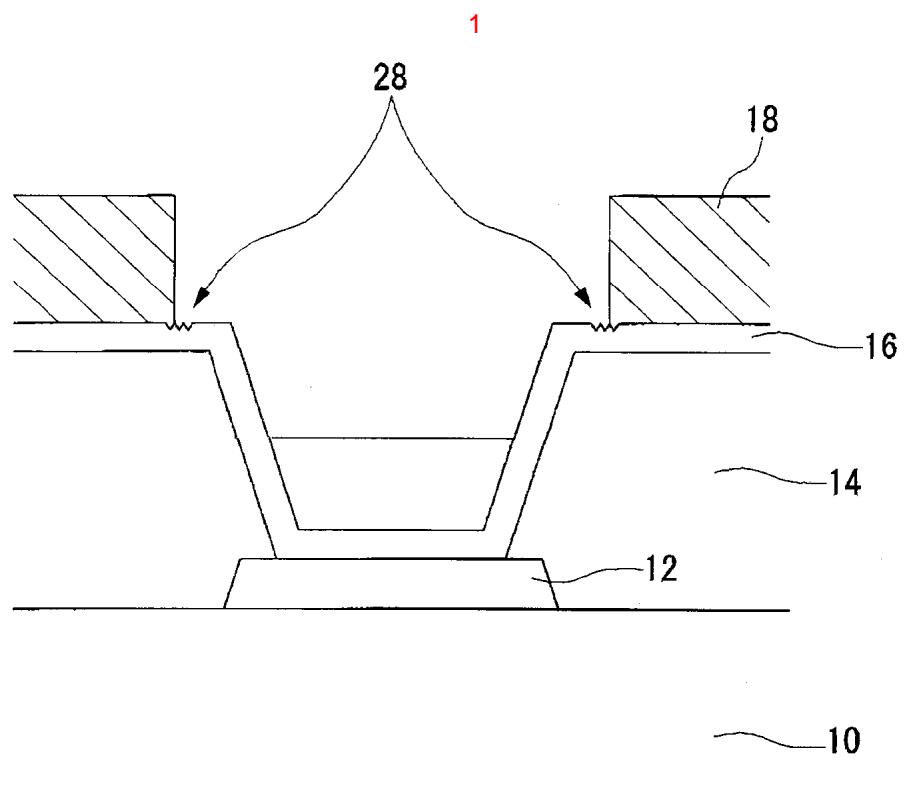
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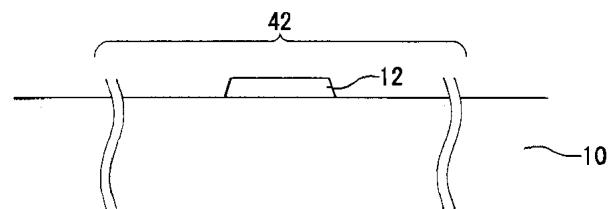
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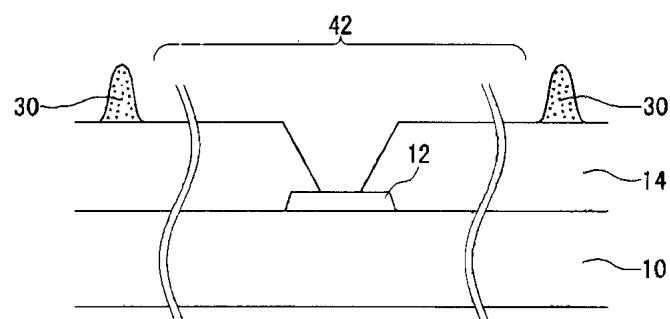


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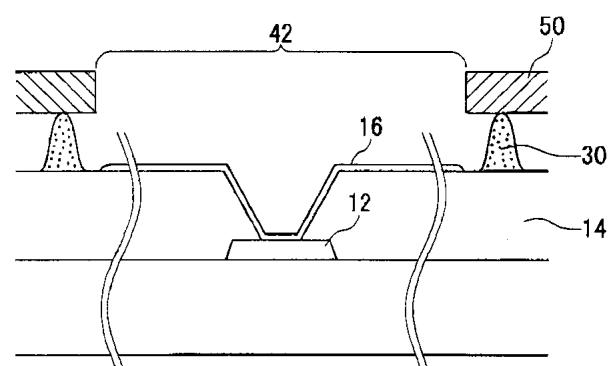
(a)



(b)

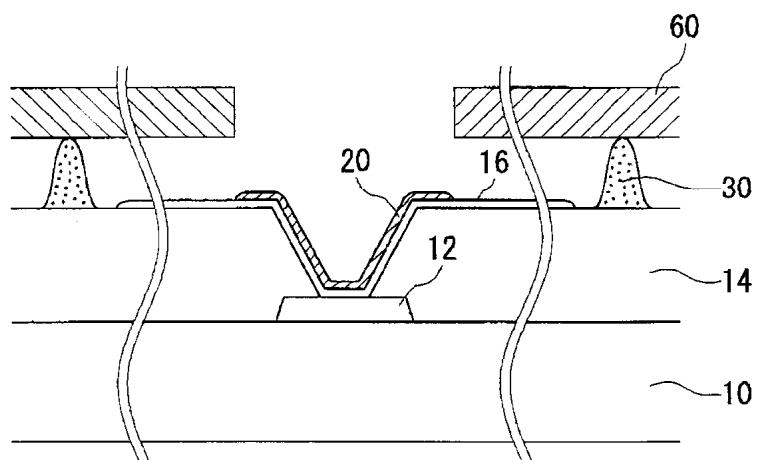


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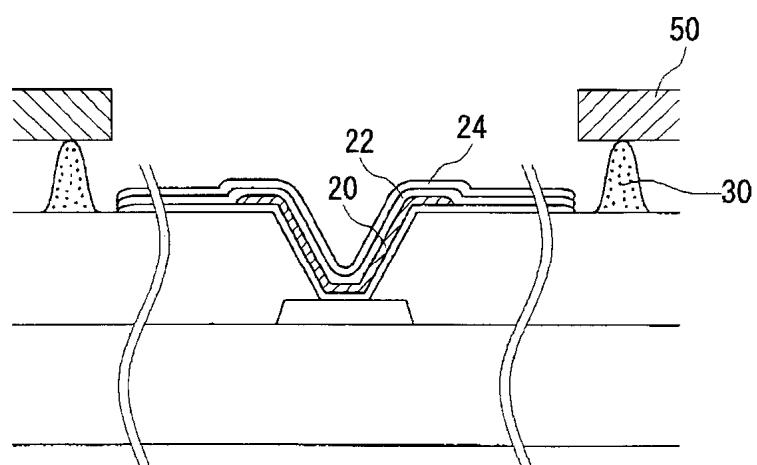


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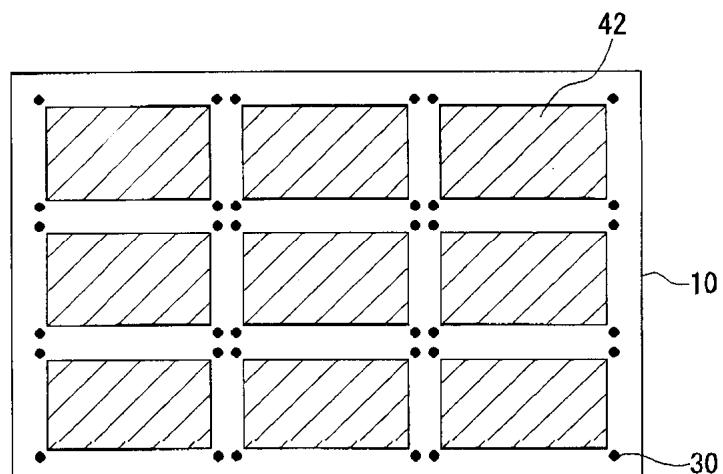


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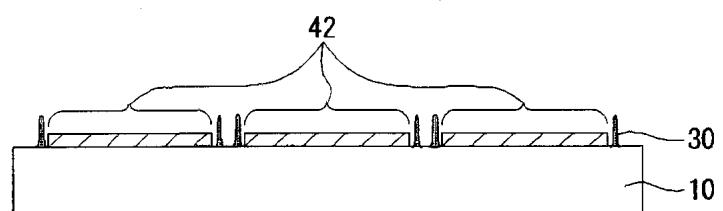


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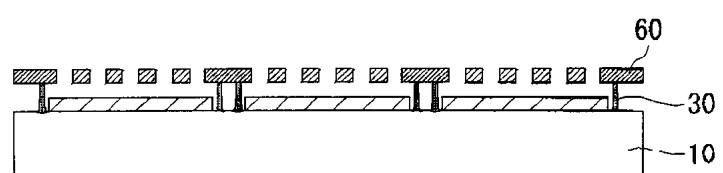
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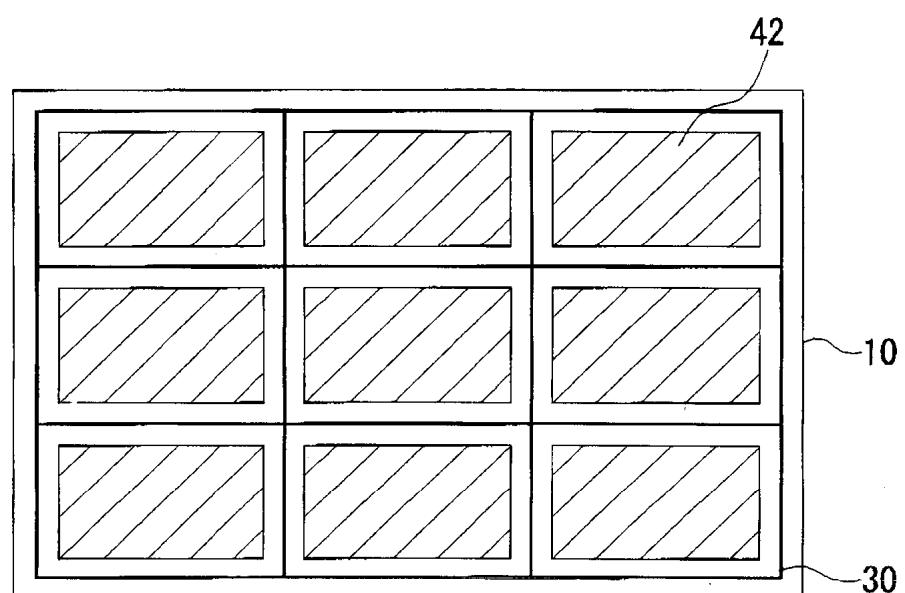
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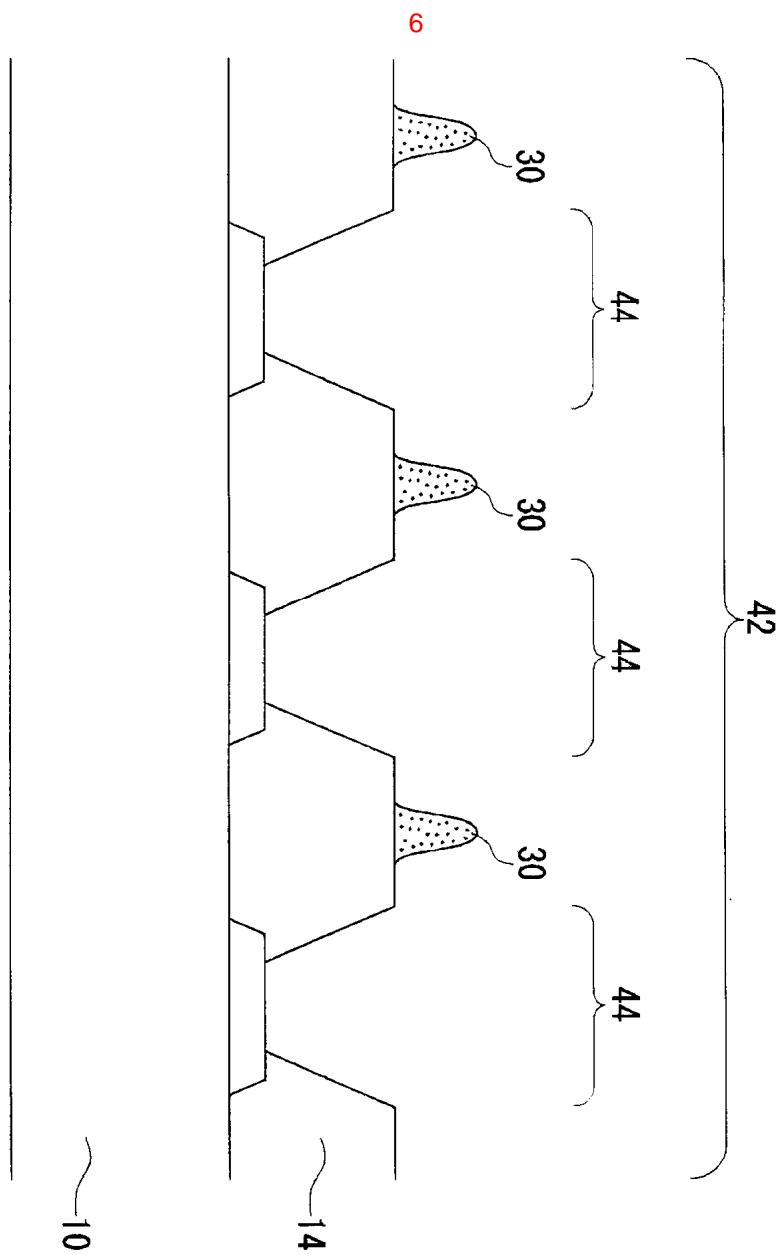


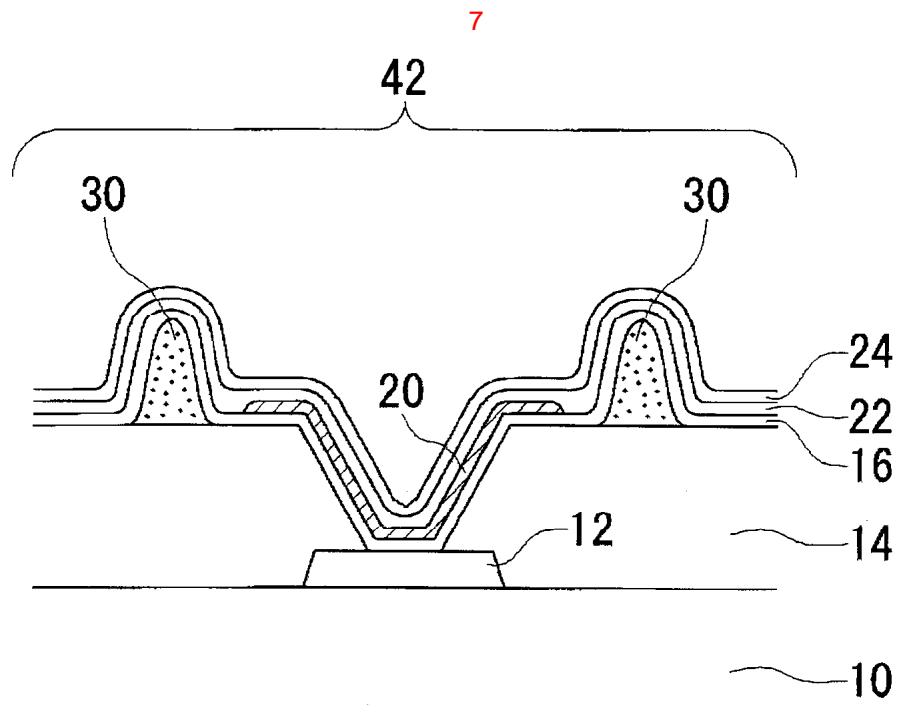
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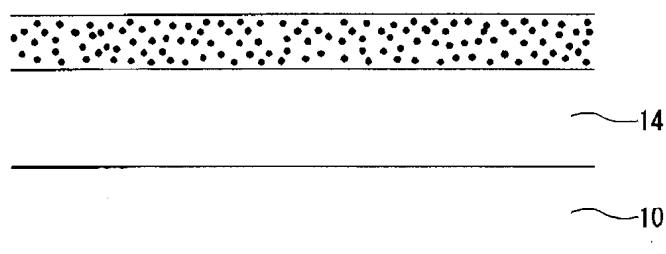
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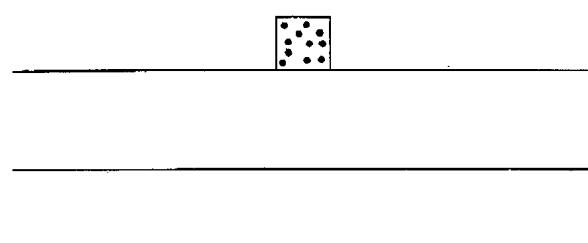




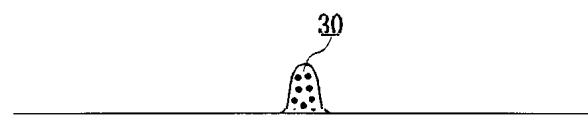
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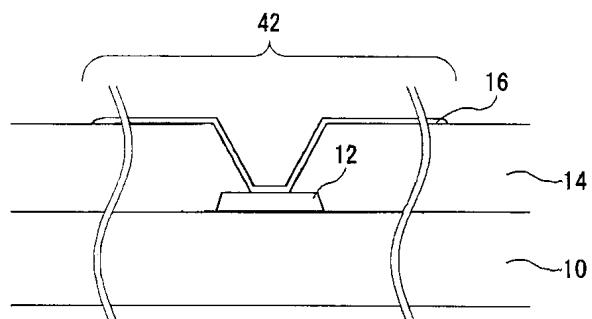


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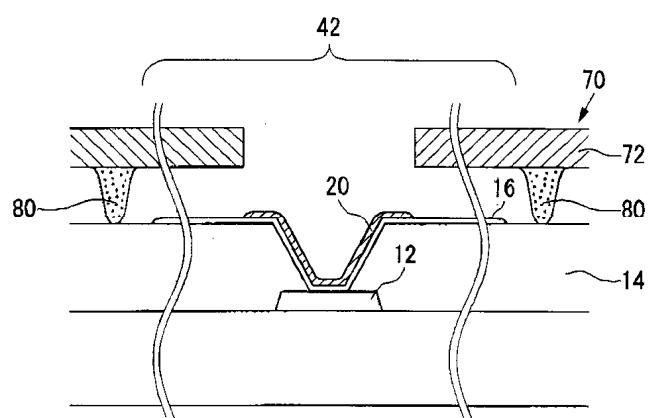


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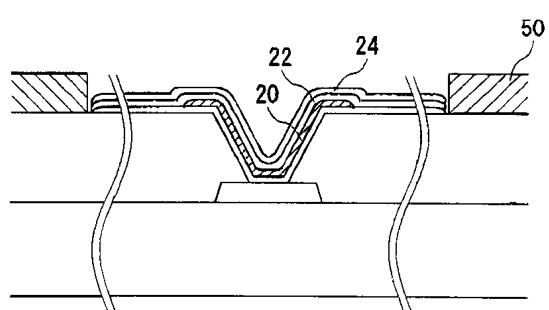
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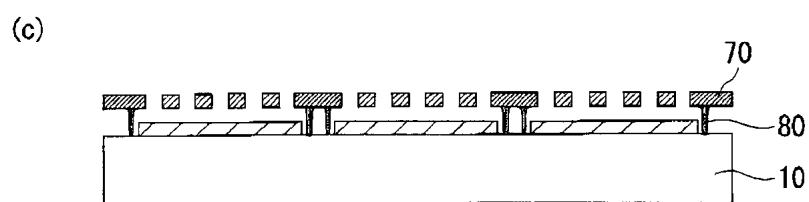
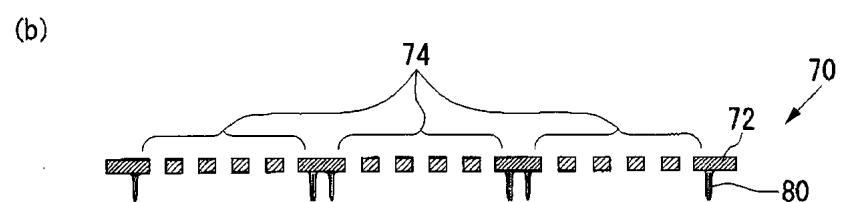
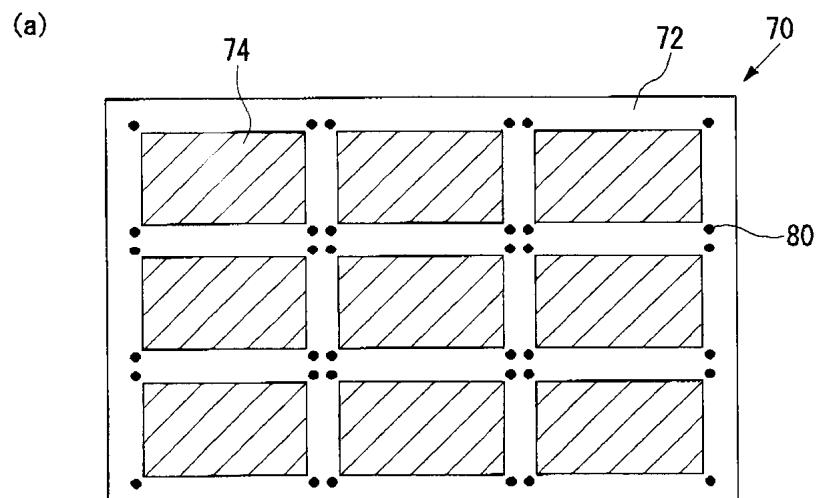
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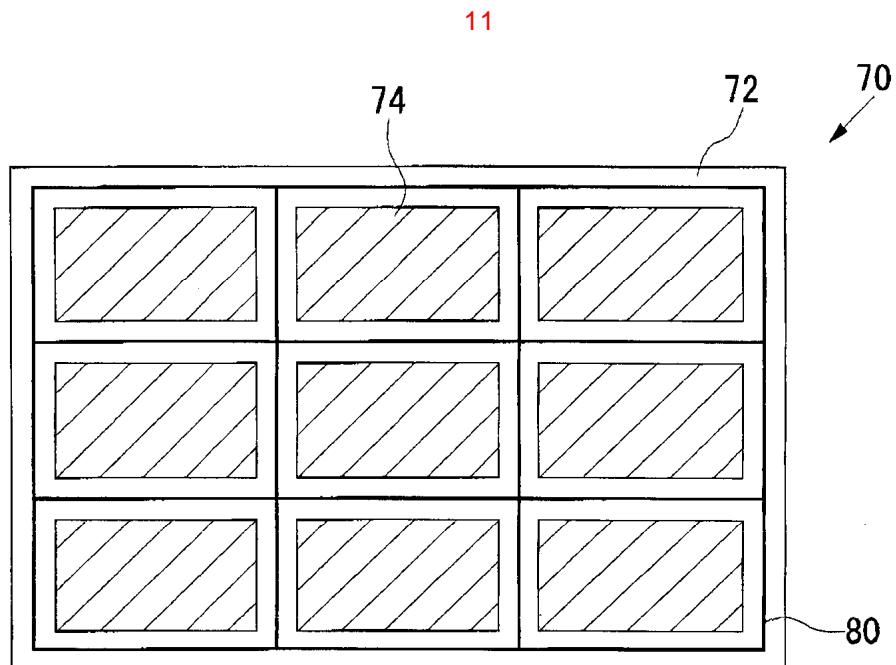


(c)



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专利名称(译)	制造有机电致发光板，有机电致发光器件和掩模的方法		
公开(公告)号	<a href="#">KR1020030074227A</a>	公开(公告)日	2003-09-19
申请号	KR1020030013684	申请日	2003-03-05
[标]申请(专利权)人(译)	三洋电机株式会社 山洋电气株式会社		
申请(专利权)人(译)	三洋电机有限公司是分租		
当前申请(专利权)人(译)	三洋电机有限公司是分租		
[标]发明人	NISHIO YOSHITAKA 니시오요시따까 MATSUKI HIROSHI 마쓰기히로시		
发明人	니시오요시따까 마쓰기히로시		
IPC分类号	H01L51/40 H01L51/50 H05B33/10 H01L51/56 H05B33/12 H01L27/32 H01L51/00		
CPC分类号	H01L51/56 H01L51/0013 H01L51/001 H01L27/3295 H01L27/3211		
代理人(译)	CHU , 晟敏 LEE , JUNG HEE		
优先权	2002059591 2002-03-05 JP		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

形成有机EL面板的制造方法，该有机EL面板形成有机发光层，存在于下层中的有机层不受损伤。它布置成将发光层沉积掩模(60)与基板(10)分开的状态。有机发光材料沉积在空穴注入阳极(12)的上侧，并形成有机发光层(20)。掩模(60)的下侧与隔离物(30)的上侧接触并排列。以这种方式，可以在空间上将掩模(60)与基板(10)上的空穴传输层(16)分离。在有机发光层(20)的着色层连续蒸发过程中，必须具有掩模(60)的精细位置对准。然而，对掩模(60)与基板(10)分开的状态进行位置对准。以这种方式，可以减少掩模(60)损伤空穴传输层(16)的可能性。有机发光二极管，空穴传输层，掩模，间隔物。

