

(19)
(12)(KR)
(A)(51) . Int. Cl.⁷
G02F 1/1343(11)
(43)10-2004-0082126
2004 09 24(21) 10-2003-0016776
(22) 2003 03 18(71) .
20

(72) 111 1 607

(74)

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(54)

1 2 , 1 2 , 1 2 , 1 2 , 1

6

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2a 2f 1
3 1
4 1
5 4
6
7a 7e 5

8 2

9a 9e 8

>

6,36 : 8,38 :

10,40 : 12,42 :

14,44 : 16,46 :

18,48 : 20,50 :

22,52 : 24,54 :

26,56,84 : 30,80 :

32 : 34 :

58 : 60 :

82 :

(Thin Film Transistor : 'TFT'
가 가
(Personal Computer))

(Televisio

wisted Nematic : 'TN')
S')

三

가 가

(In Plane Switch :

(T)

IPS		1		TFT	, TFT	(10)
	(22)	,	(22)		(24)	.
TFT	(20)	(	(22)	(6),	(	(8)
		(8)		(10)	, TFT	(6)
	(14,16)		(12)	.	(14,16)	.
				TFT		
				(22)		

(20)	.	(22) (10)	(1)	.	(18)	,	(18)
(24)						(22)	
(24)	(22)			(22)		.	
(22)		(24)		(1)		(26)	
						.	(26)
	TFT		(6)		가 가	(8)	(10)
	,				(22)	(24)	
		가 가		.			

SiNx, SiO₂, PAC BCB

1 2 1

	(56)	(52)	(54) (82)	(56)	(48)	.	6	
0)	(31) 가	(84)	(56)	.	.	(31) (56)	(80)	(8)
	TFT	.	(36)	.	가 가 (52) (80)	(38) (54)	(40)	
	.	,	가 가	.	.	.	.	.
	,	1	(56)	.	(54)	(52)	(56)	(8)
0)	,	(80)	.	가 (52)	.	(54) (52)	(52) (80)	.
,	(54)	가	(52)	가 (54)	(52)	(54)	.	.
)	(52)	.	.	(40)	(54)	(52)	.	.
	.	,	.	,	(52)	(54)	.	.
	(54)	.	.	가	.	.	.	.
7a	7e	5	.	.	.	.	.	.
7a	,	.	(31)	(36)	.	.	.	.
	(36)	.	(31)	(sputtering) (Al)	.	.	(AlNd)	.
7b	,	.	(36)	(31)	.	(42),	(44)	(46)

	(42)	.	(36)	(31)	.	(SiOx)	.	(SiNx)

(44)	(46)	.	(42)	.	(31)	1	2	
(Chemical Vapor Deposition)	.	,	(46) N	P	.	.	(44)	.
7c	,	.	(44)	(46)	(31)	(38)	.	(40)

	(38)	.	(40)	(44)	(46) (Mo), (Mo alloy)	(31)	(31) (W)	(Ta)
,	MoW, MoTa	.	MoNb	.	(Ti),	.	.	.
7d	,	.	(38)	(40)	(31)	(48)	.	(56)

	(48)	.	(38)	(40)	(31)	.	.	.
I)	(48)	,	BCB, PAC	(62) PFCB	SiNx, SiO ₂	.	가	(acry)
	(56)	.	(48)	.	(31)	.	.	.

	(50a)	.	(48)	(56)	(48)	(56)	.	(40)

(57)

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SiNx, SiO₂, PAC BCB

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1 2 1 2 2

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1 2

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8

SiNx, SiO₂, PAC BCB

11.

7

1 2

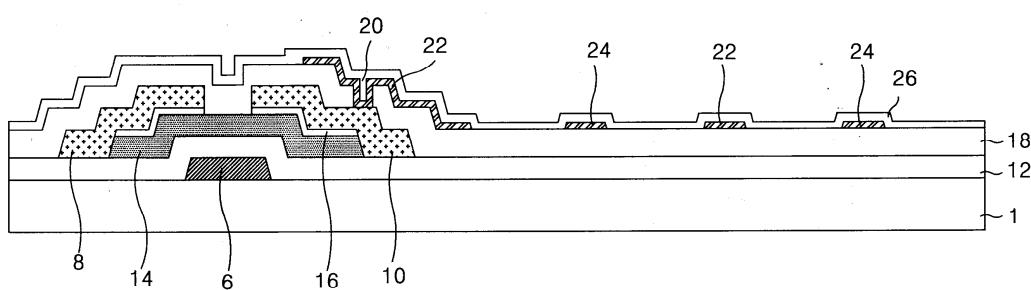
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12.

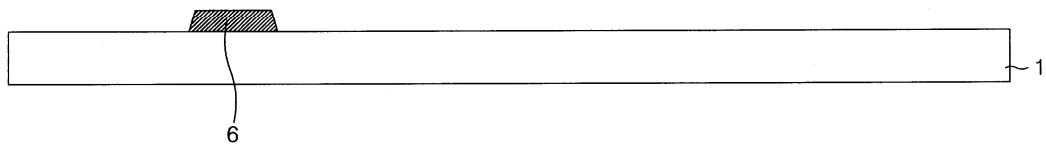
11

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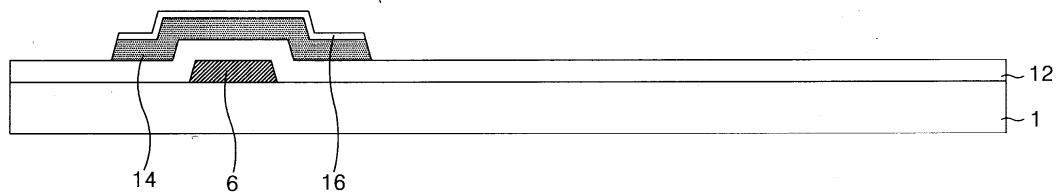
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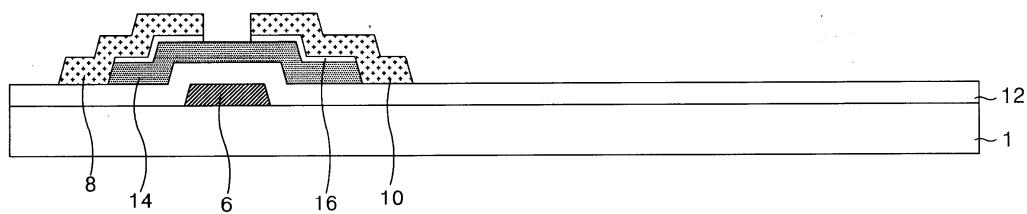
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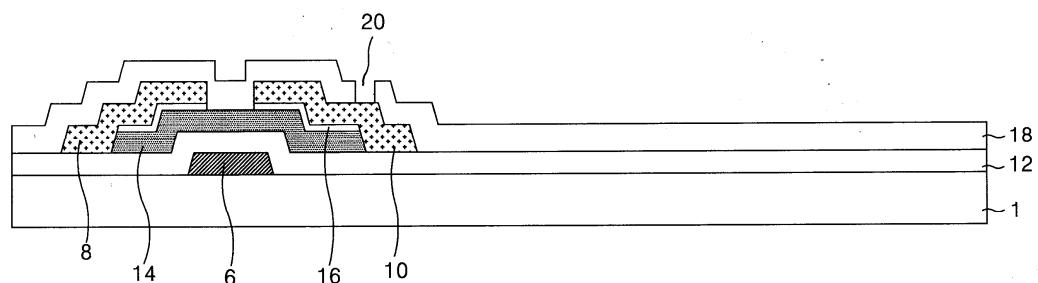
2b



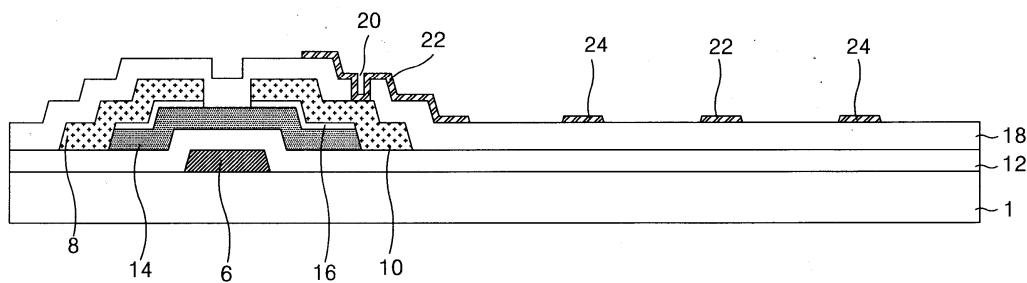
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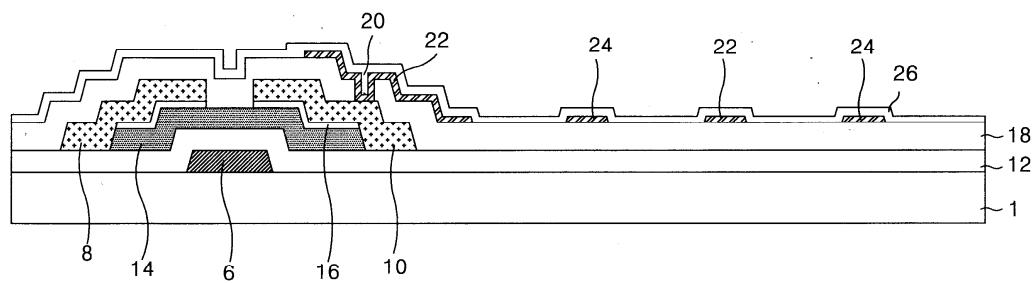
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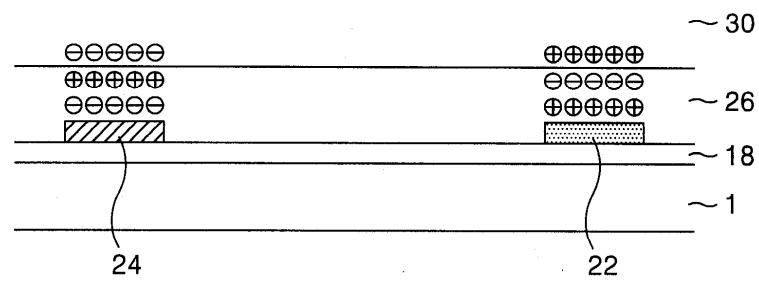
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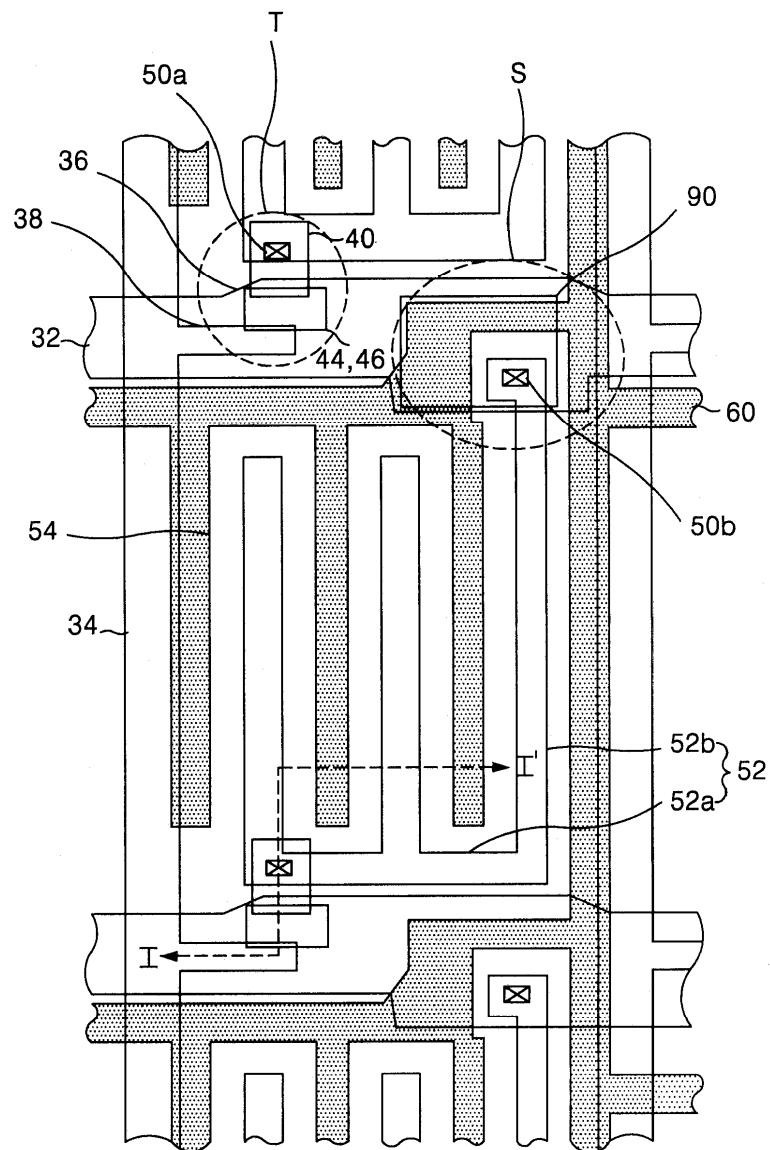
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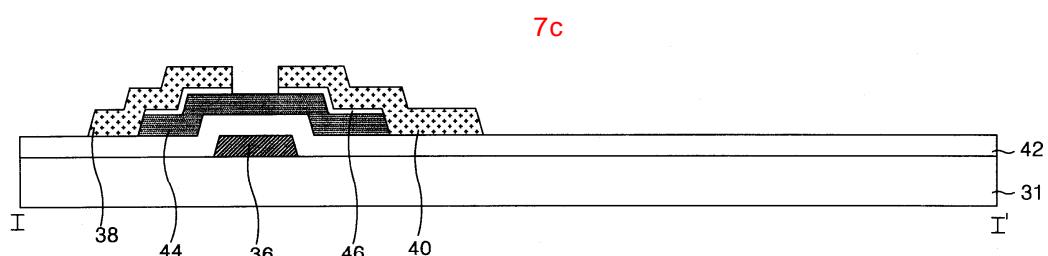
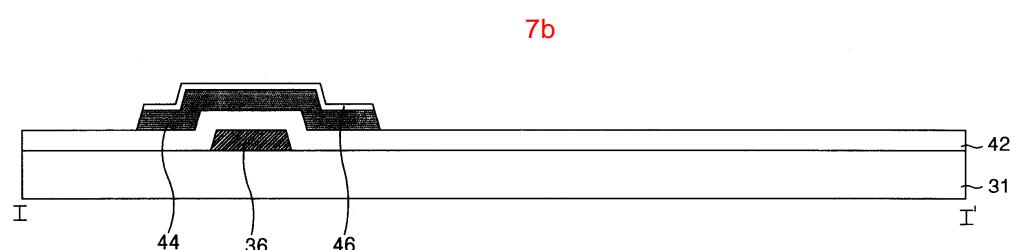
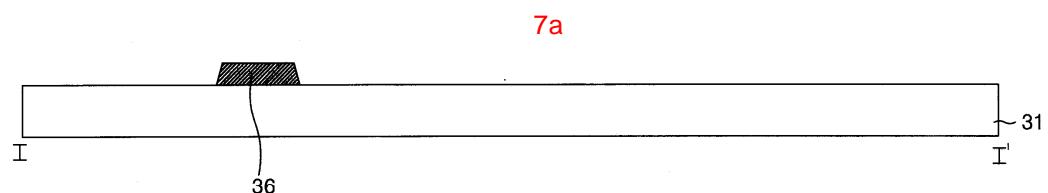
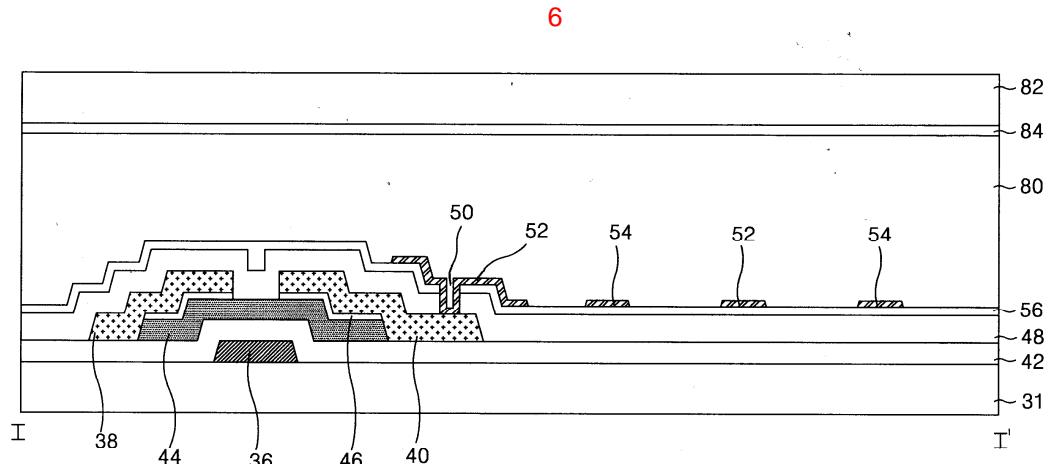
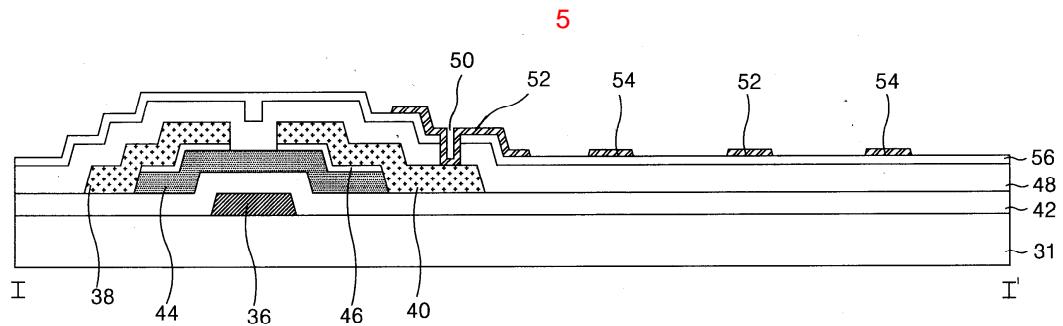


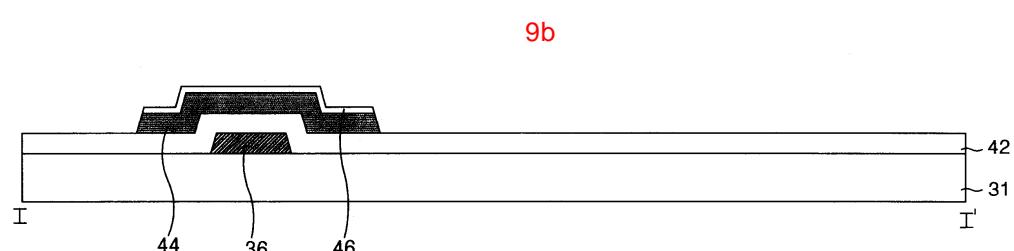
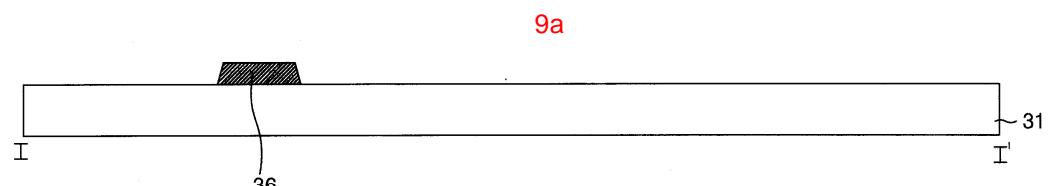
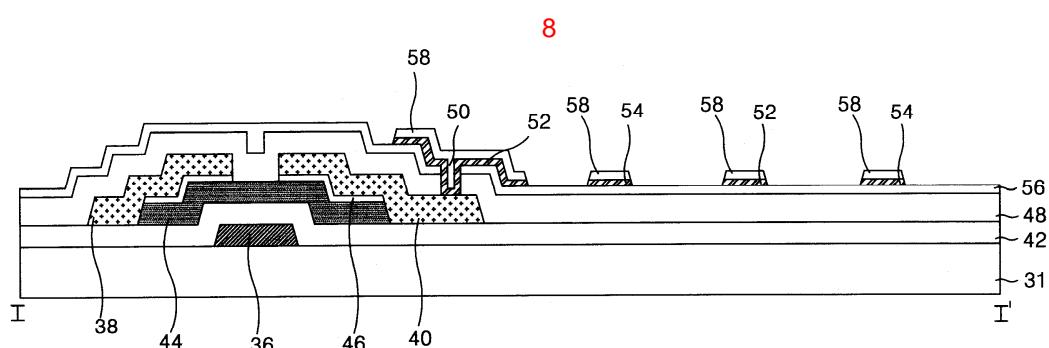
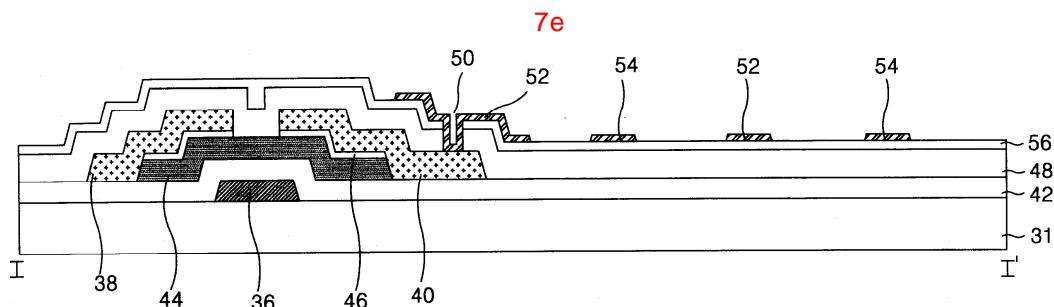
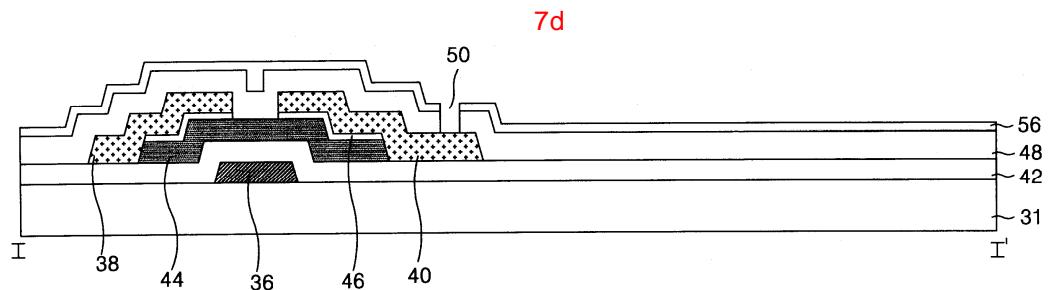
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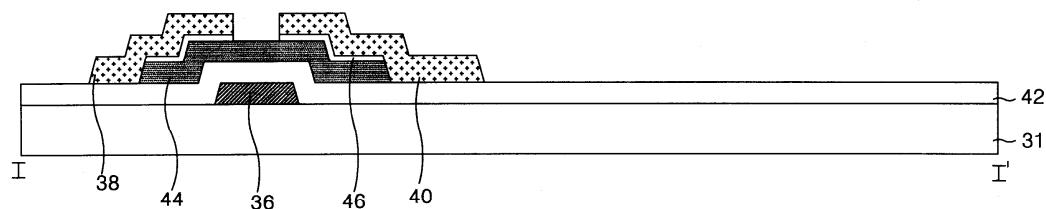
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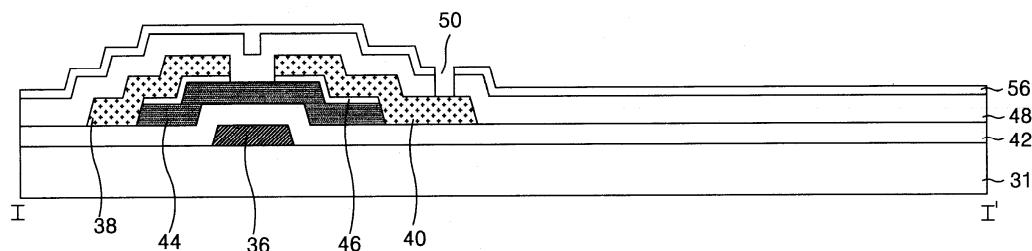




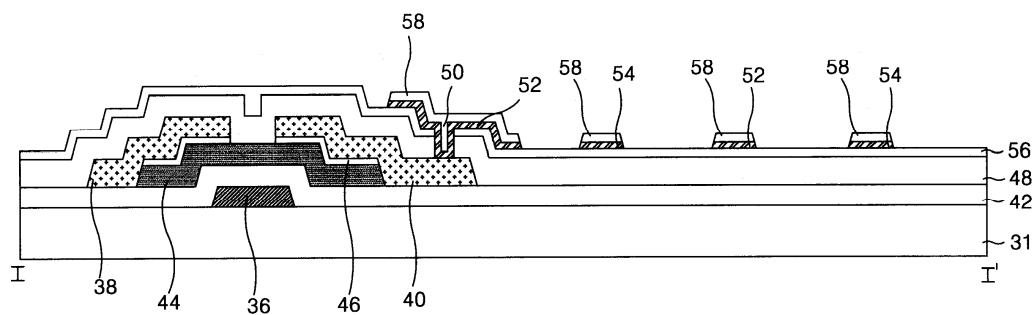
9c



9d



9e



专利名称(译)	液晶显示面板及其制造方法		
公开(公告)号	KR1020040082126A	公开(公告)日	2004-09-24
申请号	KR1020030016776	申请日	2003-03-18
[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	CHAE GEESUNG 채기성		
发明人	채기성		
IPC分类号	G02F1/1343		
外部链接	Espacenet		

摘要(译)

本发明涉及液晶显示面板及其制造方法，用于去除余像。根据本发明的LCD面板包括：液晶层，形成在彼此相遇的第一和第二基板之间；以及第一和第二取向层，分别形成第一和第二基板；以及第一和第二基板，其中形成第一和第二取向层，并且第一取向层和第一和第二驱动电极位于液晶层之间。

