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(73) 가 가
1 1 1

(72) 1-9-2가 가

(74)

(54)

, 1 , 1 ,
(contact hole)

1

1
2 1
3 1
4 1
5 1
6 1
7

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10 --- (1), 12 --- (2),
 14 --- , 16 --- ,
 17 --- , 18 --- ,
 20 --- , 22 --- ,
 23 --- , 24 --- ,
 25 --- , 26 --- ,
 27 --- , 28 --- ,
 30 --- , 32 --- ,
 34 --- , 35 --- ,
 36 --- , 37 --- ,
 38 --- , 39 --- (),
 40 --- (), 41 --- (2),
 42 --- (), 44 --- (),
 46 --- , 47 --- ,
 50 --- .

, (被覆) (cont)
 act hole)

, , , (高
 精細) 가 , , ,
 , , , 2 (glass)
 , , , 1

, , , 2 , 3 (color
 filter) , , , (spacer)
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 가 , , , , , ,
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(57)

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1

1

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2

1

3

2

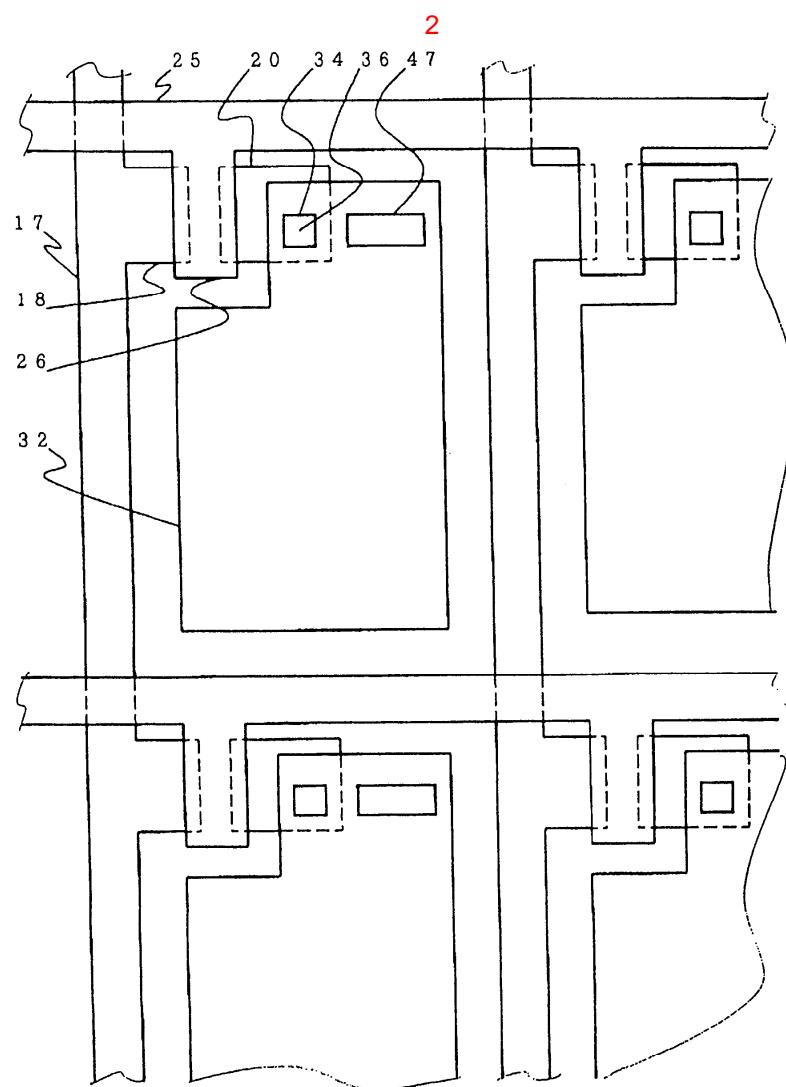
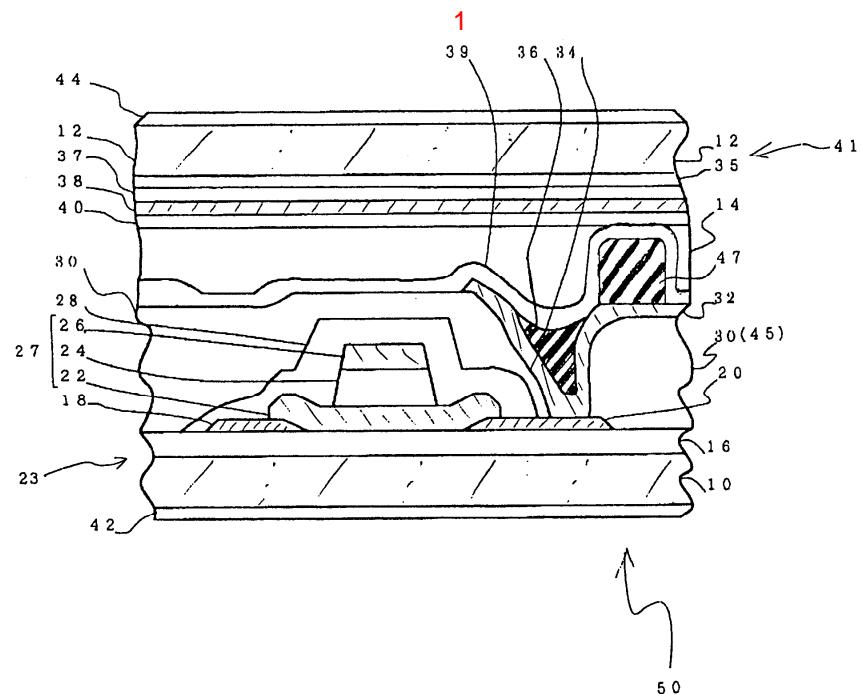
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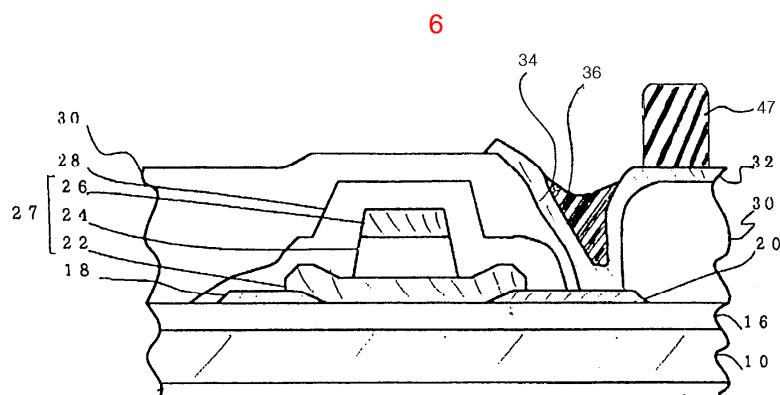
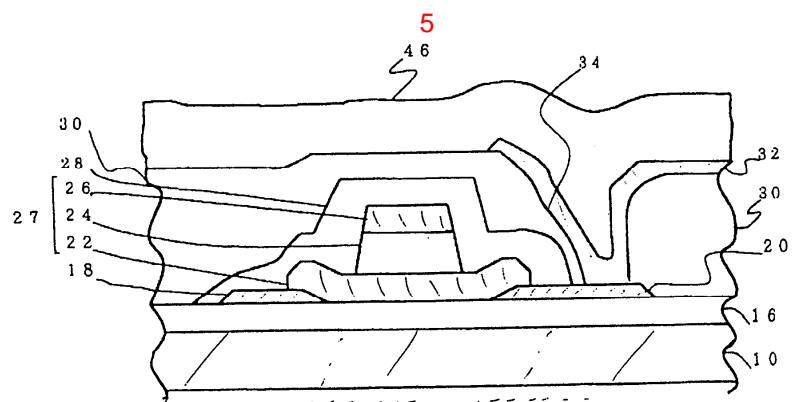
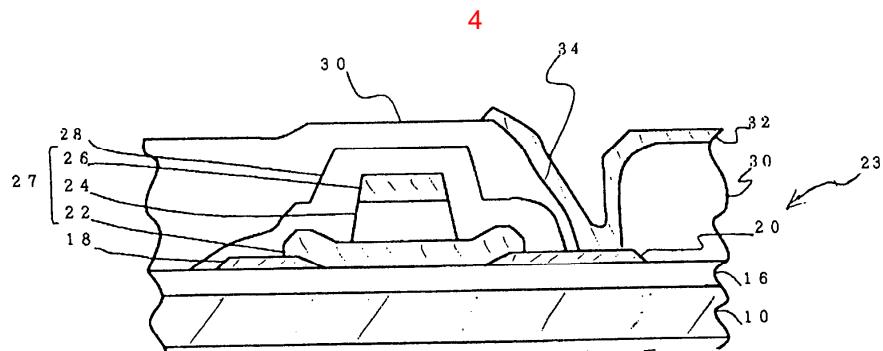
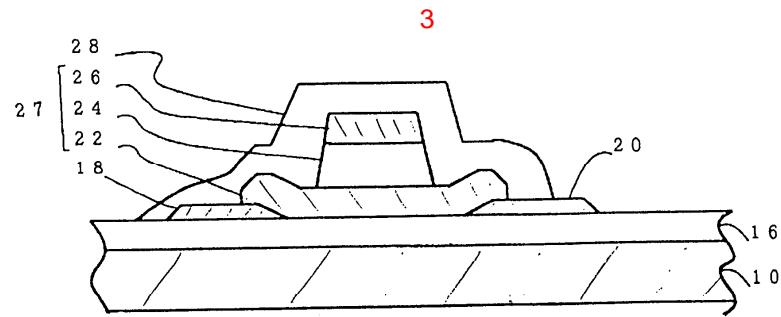
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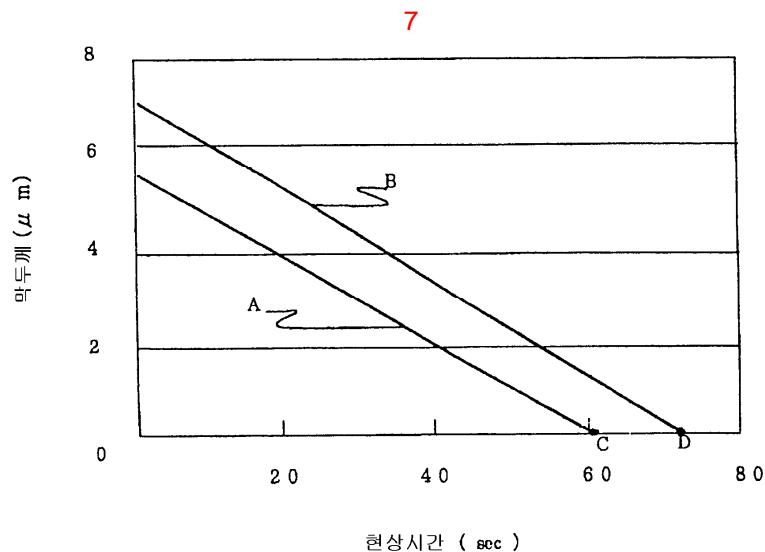
5.

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专利名称(译)	液晶显示装置和液晶显示装置的制造方法		
公开(公告)号	KR100427880B1	公开(公告)日	2004-04-27
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[标]申请(专利权)人(译)	株式会社东芝		
申请(专利权)人(译)	Sikki东芝股份有限公司		
当前申请(专利权)人(译)	Sikki东芝股份有限公司		
[标]发明人	YOSHIDA NORIHIRO		
发明人	YOSHIDA,NORIHIRO		
IPC分类号	G02F1/1339 G02F1/1333 G02F1/1368 G02F1/1362 G09F9/30 H01L21/336 G09F9/00 H01L29/786 G02F1/136		
CPC分类号	G02F1/13394 G02F1/136227		
代理人(译)	KIM , YOON BAE		
优先权	2000128356 2000-04-27 JP		
其他公开文献	KR1020010098900A		
外部链接	Espacenet		

摘要(译)

该液晶显示器包括：中继形成在第一基板上的接触孔的阵列面板；以及开关元件，在该第一基板上形成涂覆该开关元件并形成的层间绝缘膜，以及层间绝缘膜层间绝缘膜形成在该层间绝缘膜上，并且配备有连接到开关元件的像素电极，以及下面形成的取向层的间隔物，涂覆该像素电极并形成该取向层。形成为与间隔物相同的材料的平坦化层布置在对应于接触孔的区域内的像素电极层和取向层之间。

