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1 2 , (10) 가 가
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(21) (22) (30) , (41)
 (51, 52) .

(51, 52) (21) (61), (61)
 (62), (22) (62) (63) (21)
 (65) .

(61) (62, 63), (65) (70)
 (70) (63) (65) 1 2 (71, 72) 가 . ,

(21) (61) (70) - - (ind
 ium - tin - oxide ; ITO) (81) , (81) 1 2
 (71, 72) (62) (65) .

(71, 72) (70) ,
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(70) (81) ITO , ITO
 (70) ITO ITO (70) ,
 (71) (63) (63) (81)

3) , (63) (81) (71) 가 , (81) (6
 (63) (71) (81) 가 , 가 .

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(121)

(121) (122) (SiN_x) (SiO₂)
 (130) , (141) (151, 152) .

(151, 152) (121) (161), (161)
 (162), (122) (162) (163) (1
 21) (165) .

(161) (162, 163), (165) (170) ,
 (170) (163) (165) 1 2 (171, 172) 가 .
 , 1 (171) (163) , (163)

(170) , (130) .

(121) (161) (170) (181)
 (165) , (181) 1 2 (171, 172) (162) (181)
 , (181) (165) (121)
 , (165) (181) (121)

5a 5e , 3 -
 . , 5a 5e .

5a , (110) 1 ,
 (121) (112) . (110)

5b (130), ,
 , 2 (photolithography) (122) (141)
 (153) .

5c 3 , (3 16
 1) (162), (163) (165) , (162) (163)
 (153) (151, 152) .

5d (170)
 4 (170) , (163) (165)
 1 2 (171, 172) . , 1 (171) (163)
 (163) , (170) (130) , 가
 (110) , (163) (130)

5e ITO 5 ,
 1 2 (171, 172) (163) (165) (181)

, (181) (163)

, (165) (181) (165)

, 5 , 가 .

2 6 7 , 6 2

, 7 6 - .

6 7 (210) (221) (221)

(222)

(221) (230) (221) (222)

, (230) (241, 245) , (251, 252, 255)

, (222) (241)

(251, 252, 255) (261) (262, 263), (2

65) (261) (261) (221) , (262)

(261) (263) (262) (222)

21) (262) (265) (221) (2

, (251, 252) (261), (262, 263) 가 ,

(241) (262, 263) ,

(261), (262, 263) 가 .

, (261) (262, 263), (265) (271, 272)

, 2 (272) (265) (273) 가 .

, 1 (271) (262, 263) (261)

(263) " □ " (263)

, ITO (281) (281)

(263) (265) (281) (265)

, (265) (273)

2 1 가 (265) (281)

(221)

, (265) 2 (272) , 2 (272)

, (281) (265)

8a 8b 6 - 8a 8d

8a (210) 1

(221) (221) (222)

8b (230), 2
 (6 261) (262, 263), (265), (251, 252, 25)
 5) (241, 245)

2 (262, 263)

8c (271, 273) 1 (271) 3 (262,
 263) (261) (263) " □"
 (263) (263) " □"
 2 (272) (271) (273)
 (265)

2 (272) (273)

8d ITO 4
 (281) (281) 1 (271) (263)
 2 (273) (265) (281) (263)

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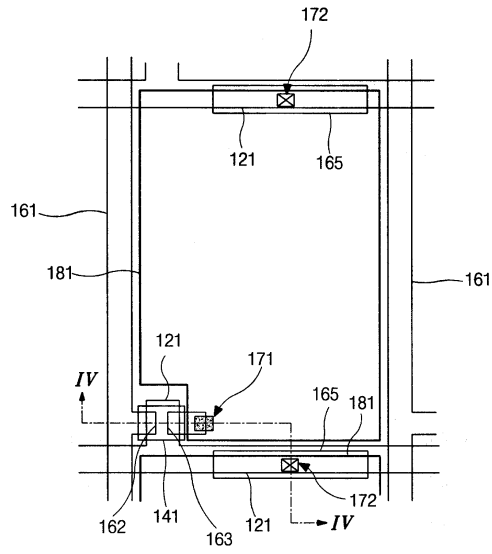
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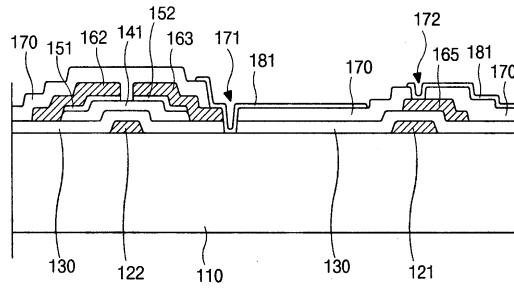
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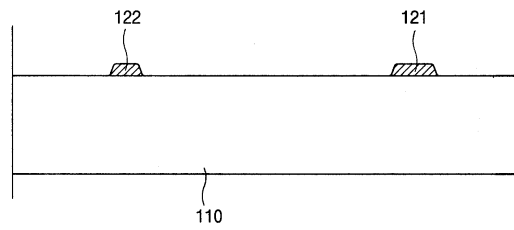
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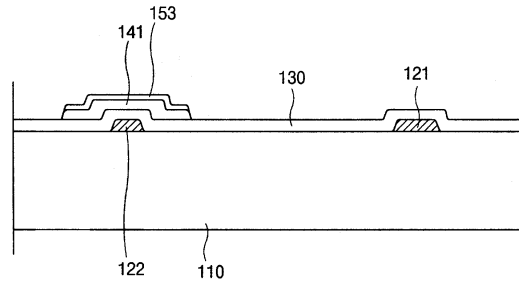
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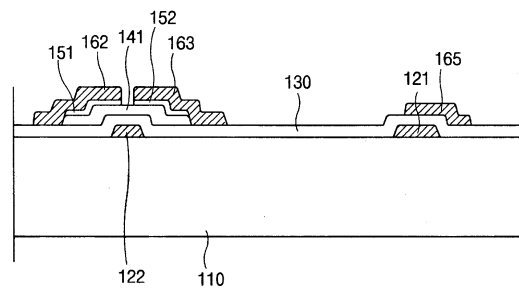
5a



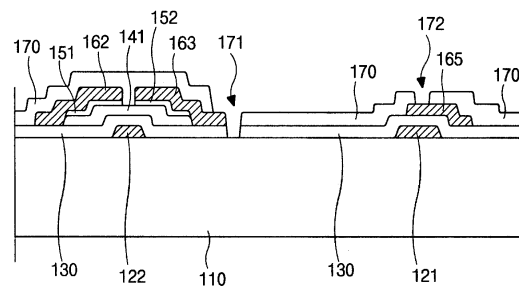
5b



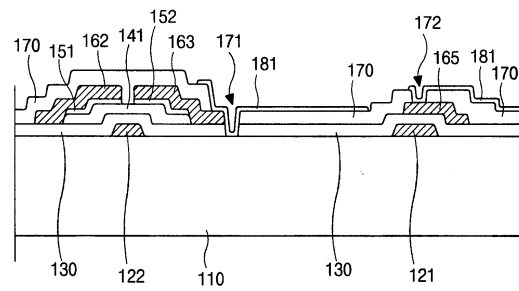
5c



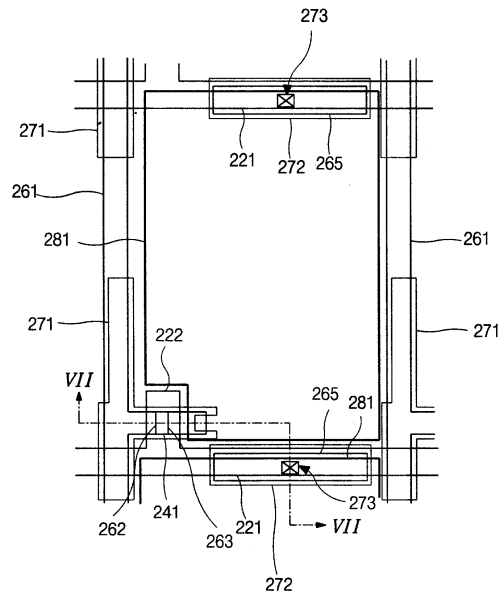
5d



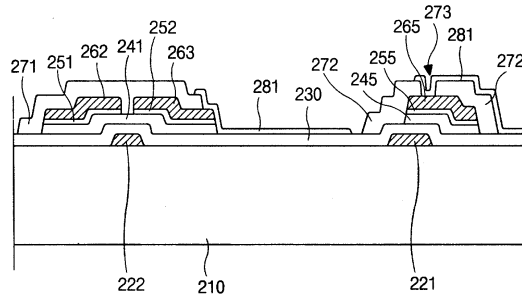
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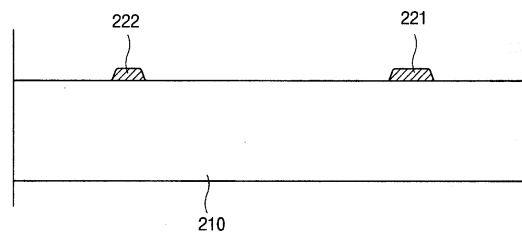
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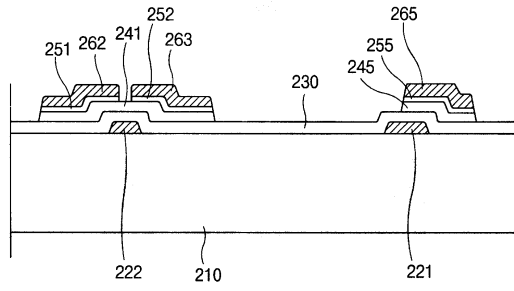
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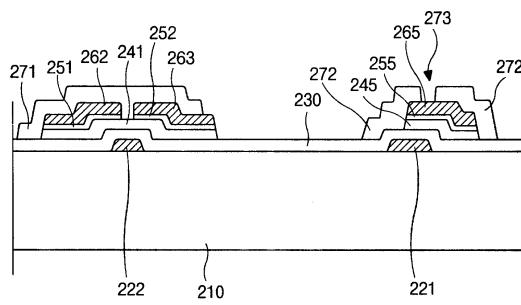
8a



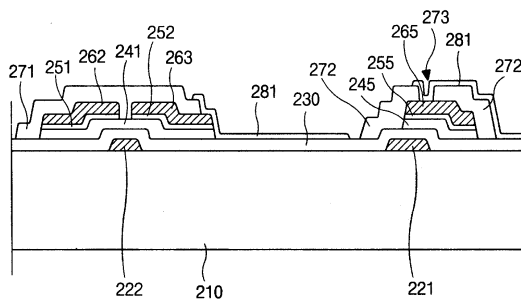
8b



8c



8d



专利名称(译)	用于液晶显示装置的阵列基板及其制造方法		
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当前申请(专利权)人(译)	LG显示器有限公司		
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摘要(译)

本发明涉及用于液晶显示器的阵列面板及其制造方法。当在制造阵列面板的过程中形成保护层沉积在漏电极上部的接触孔时，保护层的表面可能被污染。保护层和像素电极材料的粘合力被削弱，并且这种污染导致像素电极蚀刻剂的渗透。因此，接触孔部分的漏电极生锈并且发生漏电极和像素电极之间的断开。在本发明中，保护层沉积在漏电极的上部并形成图案。形成暴露右侧边缘上侧和漏极侧的接触孔。以这种方式，像素电极与漏电极和平面横向接触。因此，可以防止漏电极和像素电极之间的断开。保护层污染，腐蚀，断开，面罩。

