

(19)
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(43)2003 - 0021035
2003 03 12(21) 10 - 2001 - 0054524
(22) 2001 09 05

(71) 136 - 1

(72) 148 - 1 102 401
601 1006

(74)

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(54)

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100% 가

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2a

1a 1b

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2a 2b

3a 3b

4

5

6

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200: 210:

220: 230:

240: 250:

260:

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가

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가

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, 1a

, (10)

(11)

(12)

(13)

(11)

(12)

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(11)

(13)

(16)

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(16)

(12)

(12)

(16)

(Cst)

.

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(11)

(13)

(14)가

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(14)

(16)

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15)

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1b

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가

가

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Figure 1 is a schematic diagram of a layered silicate structure. It shows a central layer of silicate sheets (represented by a grid of dots) with various intercalated species. The diagram is divided into several regions labeled 1a, 1b, 2a, 2b, 3a, 3b, 4, 5, and 6. The regions are separated by dashed lines. The central layer is labeled with (220), (210), (230), (200), (210), (220), (260), (260), (250), (260), (210), (230), (240), (220), (210), (230), (240), (260), (210), (220), (230), (240), (260). The regions are labeled with 1a, 1b, 2a, 2b, 3a, 3b, 4, 5, and 6. The regions are separated by dashed lines. The central layer is labeled with (220), (210), (230), (200), (210), (220), (260), (260), (250), (260), (210), (230), (240), (220), (210), (230), (240), (260), (210), (220), (230), (240), (260).

, (240) (260) 가 (260)
, (210), (220) (230)

, (260) () (240) (250)
, (250) (260) 가
(260)

, (250) , 5 (500) (500) 90%
(510) (250) 가
(260) 1/20,000

, 3a (300) (310)
(320) (330) (310) (320)
, (310) (330) (360)

(360) (320) (320)
(360) (Cst) (310) (330)
(340)가 (340) (360)
(350)

, (360) (310) (330)
(360) (310) (330)

, 3b (360)
(310), (320), (330) (340)

, (340) (360) 가 (360)
, (310), (320) (330)

, (360) () (340) (350)
, (350) (360) 가
(360)

, (350) , 5 (500) (500) 90%
(510) (350) 가
(360) 1/20,000

, 4 (400) 가
(410) (410) (460)
430, 440 450

, 6 (600) (600a)
(600b) (600b) ITO

50) , (640) (600) (610), (620), (630) (600) (630) (6

가

가

가

100% 가

(57)

1.

2.

1

1/20,000

3.

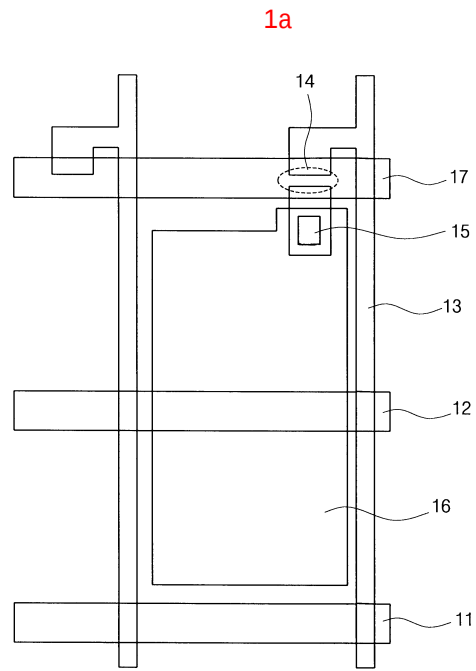
1

90%

4.

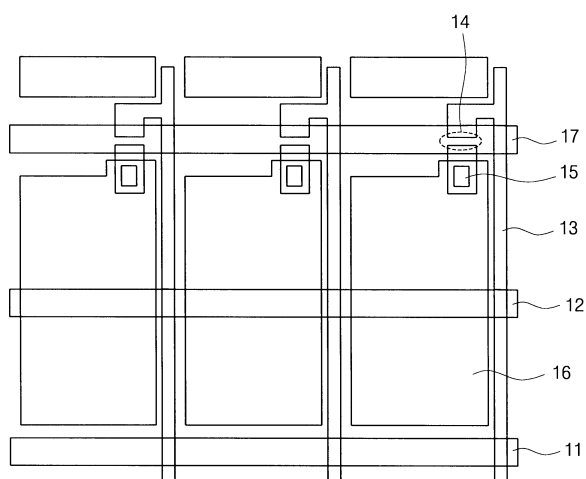
1

가



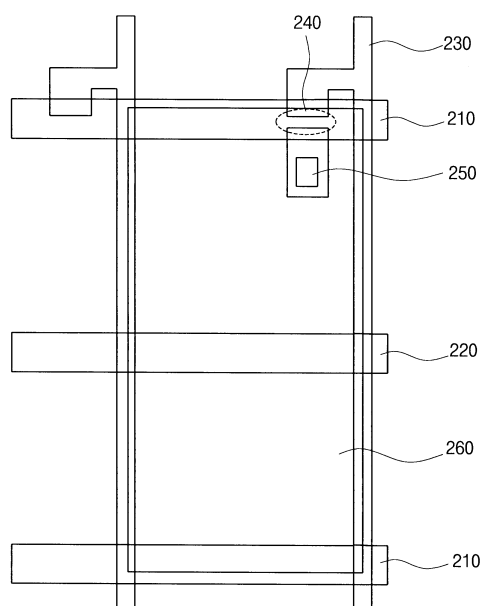
10

1b

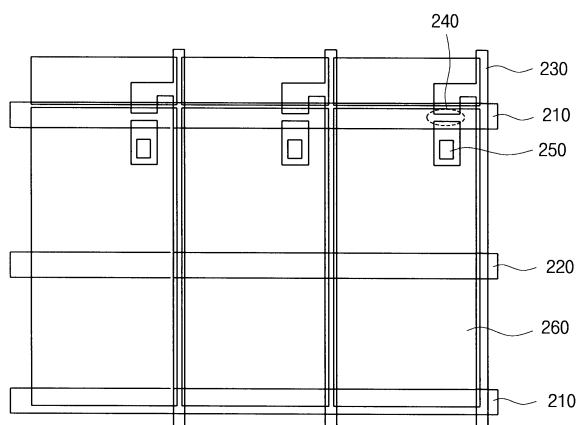


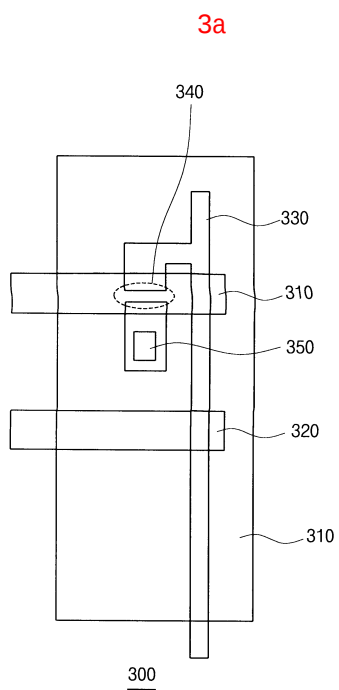
10

2a

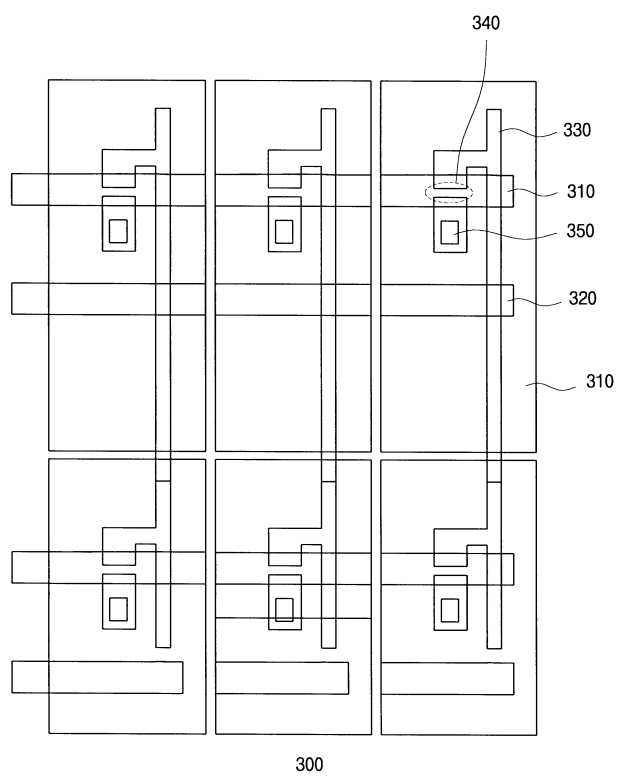
200

2b

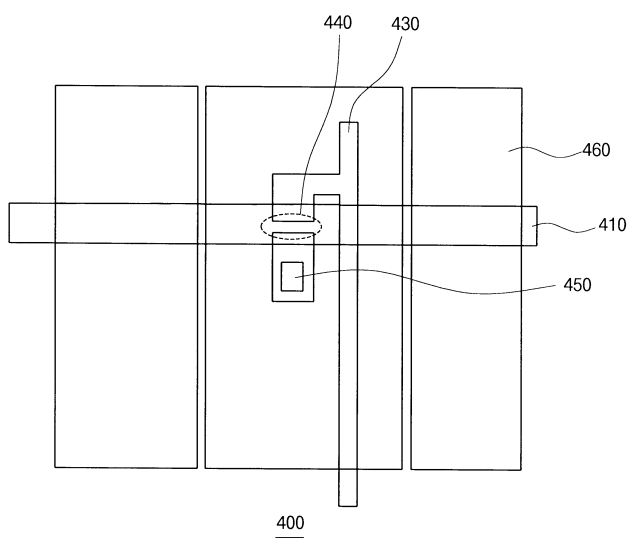
200



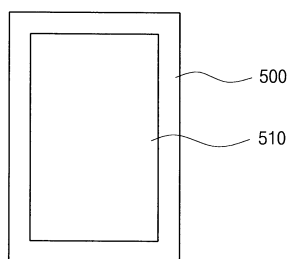
3b



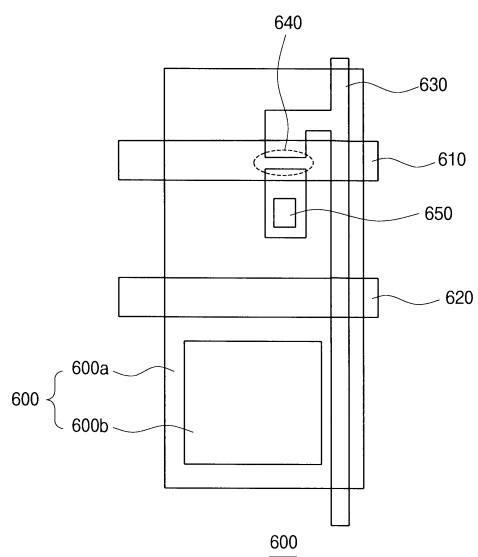
4



5



6



专利名称(译)	反光液晶显示器		
公开(公告)号	KR1020030021035A	公开(公告)日	2003-03-12
申请号	KR1020010054524	申请日	2001-09-05
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IPC分类号	G02F1/1343		
其他公开文献	KR100476052B1		
外部链接	Espacenet		

摘要(译)

本发明涉及反射型液晶显示装置。并且关于在栅极线上形成的薄膜晶体管和在相互垂直的间规的基板上形成的数据线，以及栅极线和数据线的横截面，以及包括电容线和数据线的反射型LCD装置在水平布置连接像素反射电极的情况下，像素反射电极布置在由栅极线和数据线限定的像素开口部分内。像素反射电极与栅极线的一部分和数据线或整体重叠。并且为了重叠包括栅极线的部分或整体，侵入开口率数据线或薄膜晶体管等，布置像素反射电极，并且可以确保理论上接近100%的开口率。

