

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl.7
G02F 1/1339

(11)
(43)

10-2004-0024364
2004 03 20

(21) 10-2002-0055954
(22) 2002 09 14

(71) 20

(72) 27 1311

3 1480-11 301

(74)
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(54)

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2a 2c

3 2

4a 4c

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6 5 A-A'

(20) TFT (11)
 (16)가 (16) (20) (20)
 (16) R, G, B (14)
 (Vcom) (12) (14)
 (24)
 (24) (Cell Gap) 가 (24)가
 (24) (24)
 가 가 (24)
 (24)가
 (24) 가
 2a 2c 3
 2a TFT가 (40) (42a) (S31) (40) (14)
 (42a) (42a) (monomer), (photoinitiator) (42a)
 가 (S32) (Pre-baking) (42a)
 2b (44) (42a) (44a) (44b) 가 (44)가
 (42a) (UV) (42a) (44a)
 (S33)
 2c (42a) (42a) (S34) (42a)
 (42a) (42a)
 (42a) 가 (42)가 (S35)
 (photolithography) (42) 2% (42a) 95%
 (42)
 5 (42)
 4a 4c (Ink-Jet)
 4a (58) (50)가 (40)
 (50) 가 (40)
 (Thermal) (Piezoelectric) (52) (52)
 (50) (54)
 (52) (58)가 (54) 가 (52) (58)
 (nozzle ; 56) 가 (52) (56)
 가 (58) (56)

(58) 4b

(56)

(58)
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4c
(W)

(60)
(H) 가

(58)

(58) 가

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(58)
(58) (40)

(58)

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가

가

가

5 7g

5 A' 6 5 A-

5 6 (61) (62) (61) (62) TFT(71)
(82)가 (78) (78)

TFT(71) (90) (64), (66), (68), (70),
(72, 74) (62) (74) TFT(71) (64) (61) (72)
(78) (76) (79a)

(80) (82) (80) (80)

7a 7g 6

7a , TFT(71)가 (82) (76) (76) (78)

TFT(71) (64)

(61) (64) (82) (66), (68)
(70) (66) (70) (66) (8)

2) (68) (70) (66)
(Chemical Vapor Deposition : 'CVD')

(66) (70) (72, 74) (72, 74)
(70) (66) CVD (sputtering)

가 (70) (72, 74) (72, 74)
(82) (76) (76) (68) TFT(71)

(74) (79a) (76) (78a)
(Indium-Zinc-Oxide ; 'IZO'), (Indium-Tin-Zinc-Oxide ; 'ITZO'

7b (78a) (82) (82)
(84a) (84b) 가 (84) (82) (82)

82) (84a) (82) (84) (UV)
(82) (84b)

7c (82)

(85) (85) (80) (85) 7d
(86) (85) (80) (85)

(82) (80) (85)
(82) (post baking) (80) (80)

7e (78a)
7f (82) (78a) (78)

a) (88) (80) (78a) (78) (80) (80)
 (82) (82) (80)
 , 7g (82) (80)
 (80) (82)가 (80)
 (80) (80) (82)가
 , (80) (78) (82) (80)
 가 (80) (80) (80)
 (80) (78) (82)가
 (78) (80) , , TFT
 (80) (80) , ,
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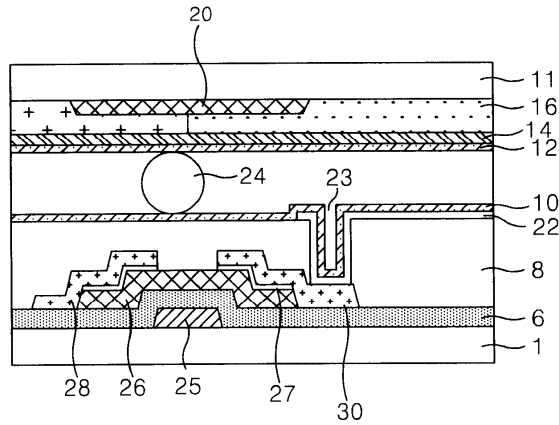
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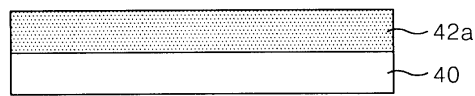
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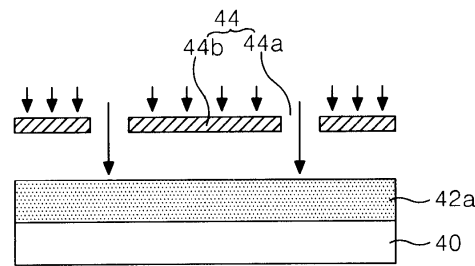
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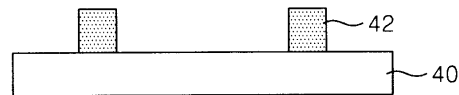
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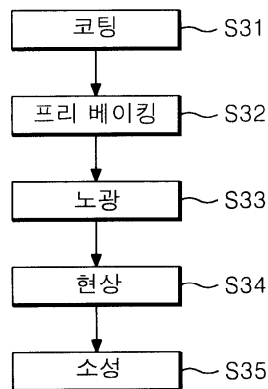
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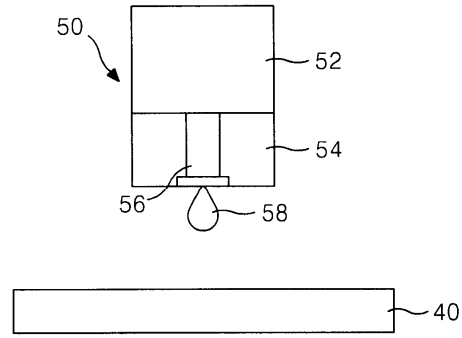
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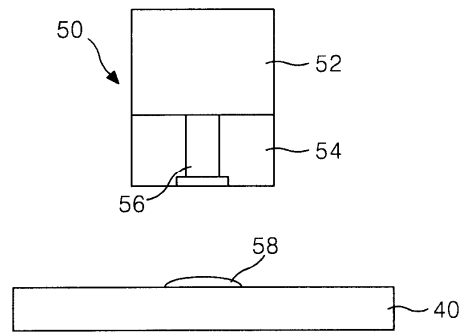
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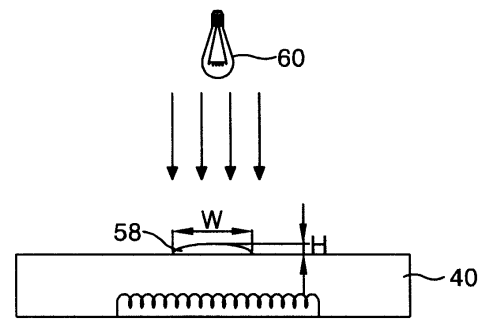
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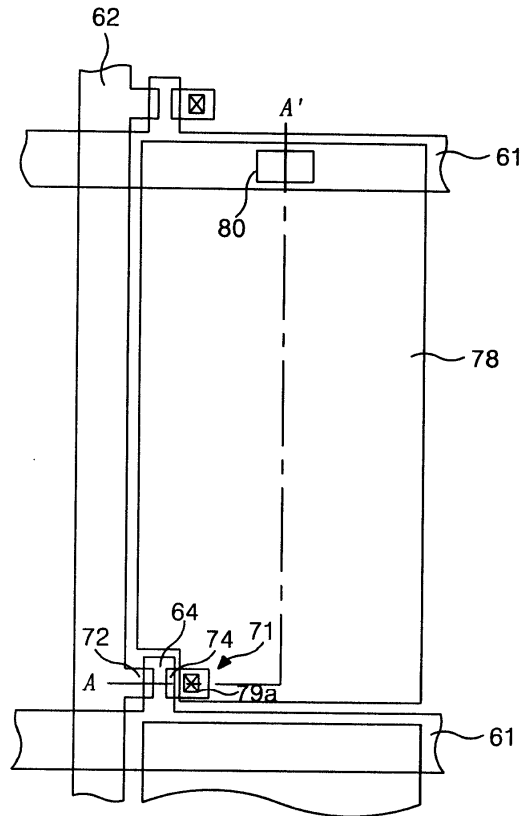
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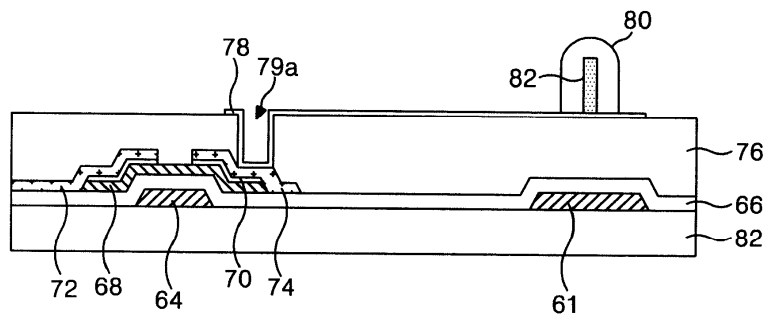
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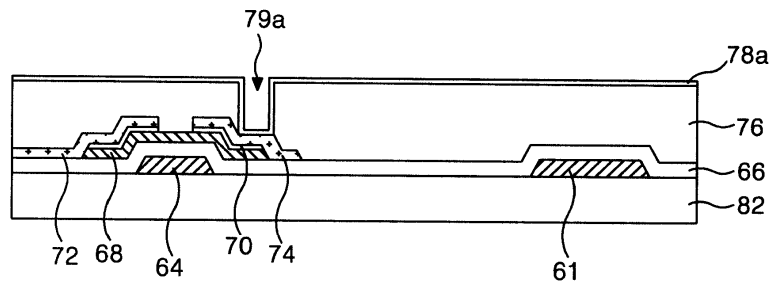
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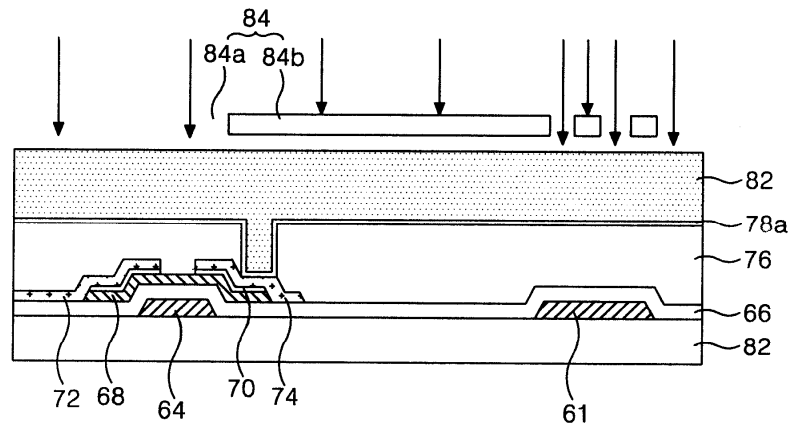
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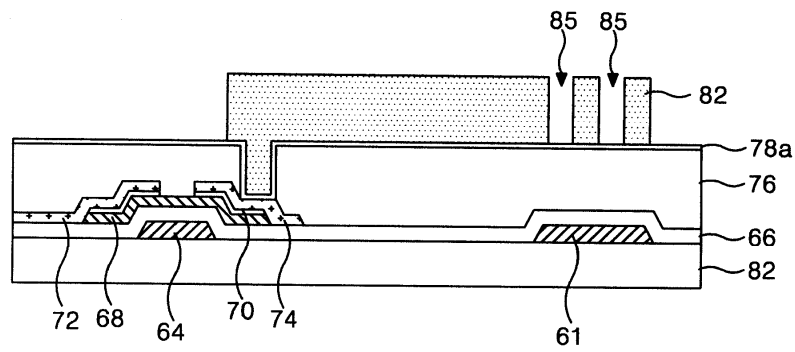
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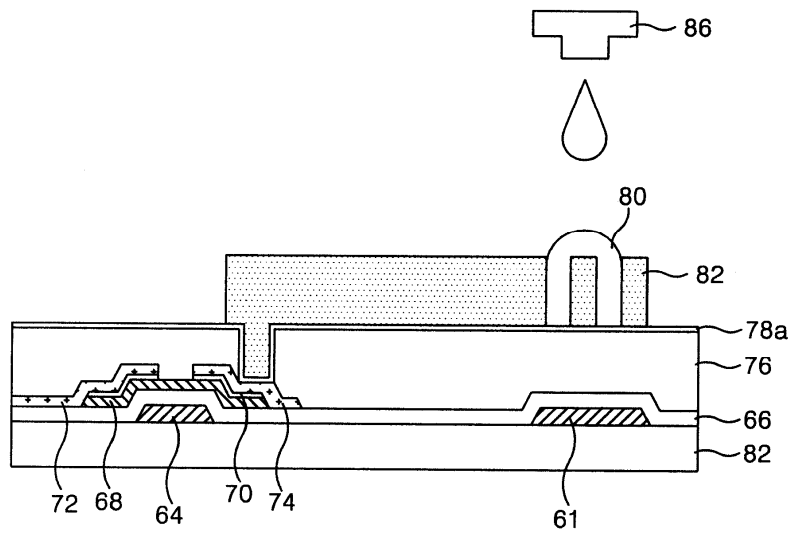
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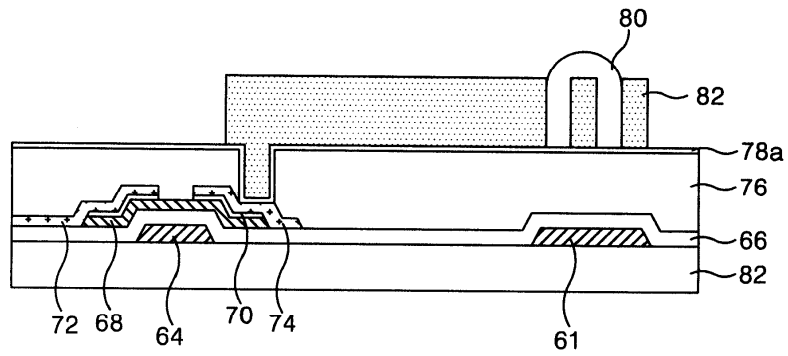
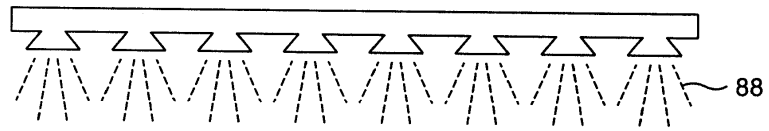
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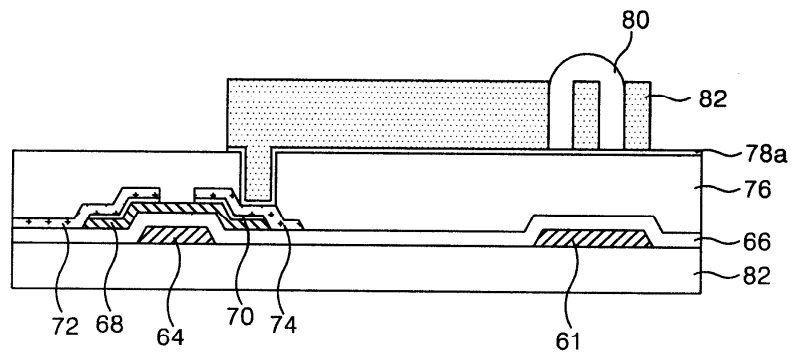
7d



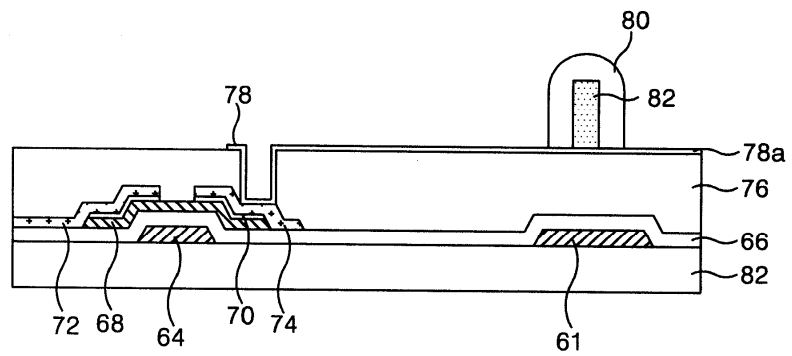
7e



7f



7g



专利名称(译)	液晶显示装置及其制造方法		
公开(公告)号	KR1020040024364A	公开(公告)日	2004-03-20
申请号	KR1020020055954	申请日	2002-09-14
[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	KIM YONGBUM 김용범 JUN JAEHONG 전재홍		
发明人	김용범 전재홍		
IPC分类号	G02F1/1339		
CPC分类号	G02B1/14 G02F1/13394 G02F1/136209 G02F1/136286 G02F1/1368 G02F2001/136222 G02F2001/13625 G02F2201/123		
代理人(译)	KIM , YOUNG HO		
外部链接	Espacenet		

摘要(译)

本发明涉及液晶显示装置及其制造方法，其高度可形成间隔物的高度。根据本发明的液晶显示器包括光电电阻器，并且放置在光电电阻器上的间隔物在所形成的多层中在基板上图案化任意单层。

