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(51) 。 Int. Cl. ⁷ G02F 1/13		(11) (43)	2003-0094722 2003 12 18
(21)	10-2002-0031985		
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42, 52, 142, 152 :	44, 54, 144, 154 :
72, 172, 272 :	274 :
276 :	

가

(Cathode Ray Tube ; 'CRT'), (Liquid Crystal Display : 'LCD'),

(Field Emission Display : 'FED'), (Plasma Display Panel : 'PDP')

(Electro Luminescence Device : 'ELD')

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(8)(FPC)

(2) , (10) , 가
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 (14) (32) .
 , (10) (20) (24) (22) (34) (39) 가 .
 (24) (25) (26), (27), (28) 1 (31)
 . (22) (29) (38), (37), (36) 2 (35)
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 (39) (22) (24) 1 (31) (22) (24)
 (39) . (39) (22) (24) (22) (34)
 24) (22) (24) , (39) (34)
 .
 (10) ('PET') (14) (12)
 (17) 가 .
 (14) (15) (16) , (12) (19)
 (18) .
 (19) (Polyethylene Terephthalate : 'PET') ,
 (15) , , PET .
 (18, 16)
 Indium - Tin - Oxide ; 'ITO') , - - (Indium - Zinc - Oxide ; 'IZO') , - - (18, 16)
 - (Indium - Tin - Zinc - Oxide ; 'ITZO') . , ITO .
 (18) (19)가 , 가 (16)
 . 가 가 . , (18, 16) ITO
 , (Ag) .
 , ITO .
 (32) (10) (14) (20) 가
 (10) (32) (20) (22) (33)
 (20) .
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 (20) (44) .
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 (40) (10) (20) . (42)
 (Sliding)
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 (44) (40) (42) (42)
 (10) (20) . , (44) (44)

10) 가 .

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(52) , (10) (20) (10) (54) (50) , (20) (52) (52) (52) (20) (52) (50) (50) (52) (10) (10) (20) (Sliding) (54) (10) (50) (20) (52) (54) (10) 가 (54) (10) (52) (10) 52) , (20) (10) (50) (50, 52) (10) (10) (20) (10) (54) (10) 가 (10) (10) (10) (10) 가 (Rolling) (B)가 (B) (10) (10) 가 (10) (10) 가 .

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16) (110) 6 (('PET') (114) (112) (117) 가 (114) (115) (119) (118) (119) (Polyethylene Terephthalate : 'PET') , (115) , , PET .

(118, 116)
 (Indium - Tin - Oxide ; 'ITO'), - - (Indium - Zinc - Oxide ; 'IZO'), - -
 - (Indium - Tin - Zinc - Oxide ; 'ITZO') , ITO

(118) , (116)
 (119)가 가 가 , (118, 116)
 (Ag)
 ITO , ITO
 (130) , (132) , (110) (114) (120)
 가
 1 (100) 7 (120) (14
 0) , (110) (142) , (110) (120) (144)
 , (142, 140) (72)
 (140) (72) 가
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 (142) (72) 가 (144)
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 (144) (140) (142) (142)
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 (120) 1 (100) (140, 142) (142)
 (120) (110) (110) (144) 가
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 (110) (120) 5 (102) (102)
 (110) (244) (220)
 (110) (120) 가
 (102) 60 (110) (120) (110) (120) 가
 (120) (110) (120) 가 (120)
 (110) (120) (110)
 8 , 2 (110) (110) (150) ,
 (120) (152) , (120) (154) ,
 (152, 150) (172)
 (152) (172) 가
 (152) (120)
 (152)
 (150) (172) 가
 (150) (110) (120) (154)
 (154) (151) , (152)
 (110) (120) (Sliding)
 (154) (150) (152) (152)
 (110) (120) (154) (1

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2 (120) (110) (150) (110) (152)

150, 152) (120) (110) (154) 가 (110) (150) (110) (152)

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(110) (120) 5 (102) .

102) (110) (120) 가 .

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(120) (110) (110) (120) 가 .

(110) (120) 가 (120)

(110) (102)

(120) (110)

9 , 1 2 . (9S1)

6 , . (9S2)

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Carrier Package) . (9S4) TCP(Tape

, 60 가 . (9S5)

. (9S6)

60 , 가 .

10 , 3 (220) (240) , (210) (220) (244) , (242) , (272) , (276) , (276) (274)

(272) (242, 240) (274) (220) .

(240) (274) (220) .

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(244) (220) (Sliding) (240) (210) .

(244) (210) (240) (242) (242) (244)

(210) 가 .

(276) (244) (220) (210) (ON) (276)

2) (242, 240) (276) (OFF) 1 (272) 1

2 3 가 2 (242, 240) (274) .
 , (276) (ON) .

(274) (276) (272)
 (242, 240) .

3 (274) (210)
 (272) (240) (274)
 (242) (210) (272) (274)

(220) (240) (242)
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 가 (220) (244)
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 0) 가 (274) (276)가 (276)가 (OFF) (276) (272)
 가 (274) 2 3 가 (276) (242) (210) (242)
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 (274) (242) . (8S1)
 (244)가 (220) (210) . (8S2)
 (244) (210) (220) (276)가 (ON) .
 (240) (274) 1 (210) (220)
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(244) (210) (220) (276)가
 (OFF) (276) 가 (274) (110)
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(210) (220) (210) 가 (210)
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CP(Tape Carrier Package)

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(9S5)

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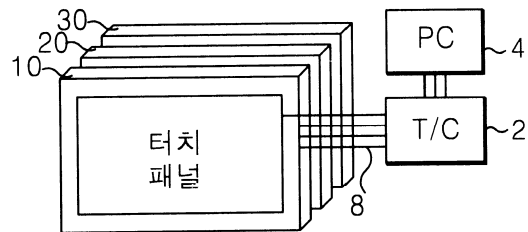
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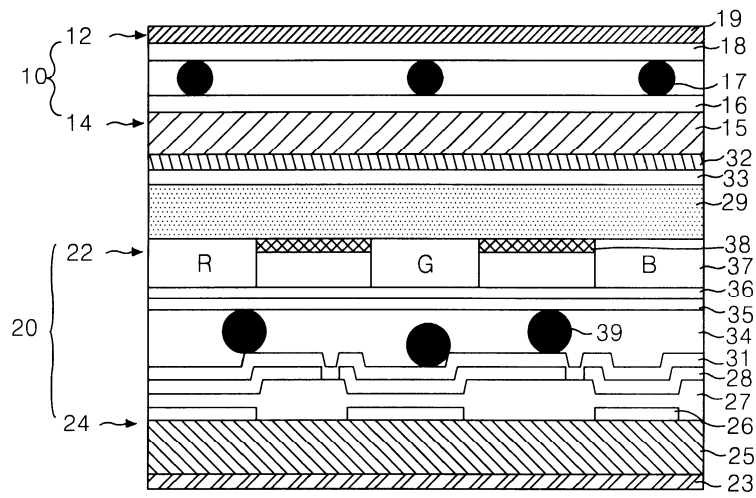
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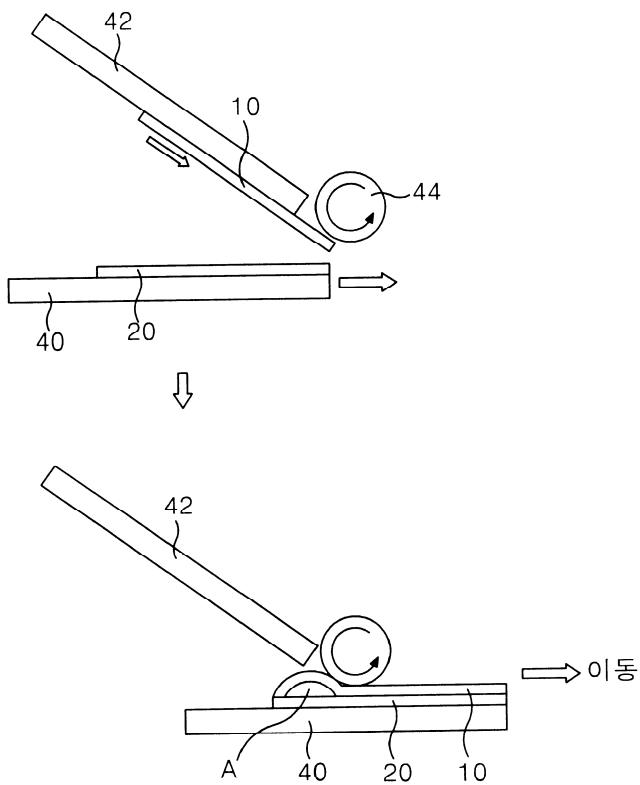
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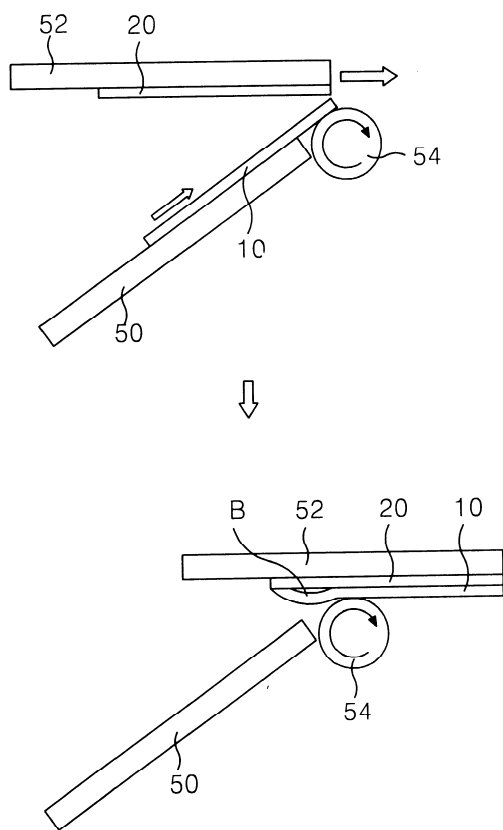
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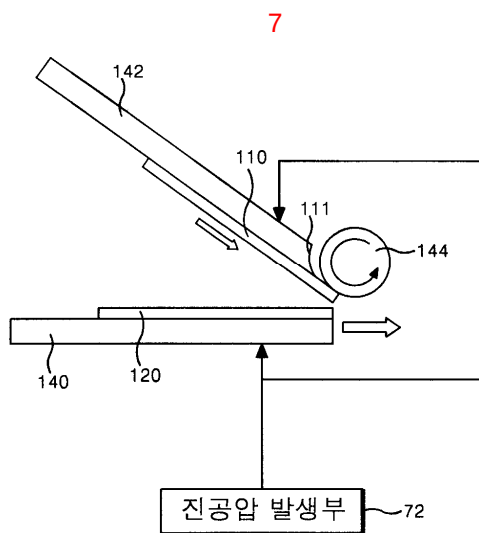
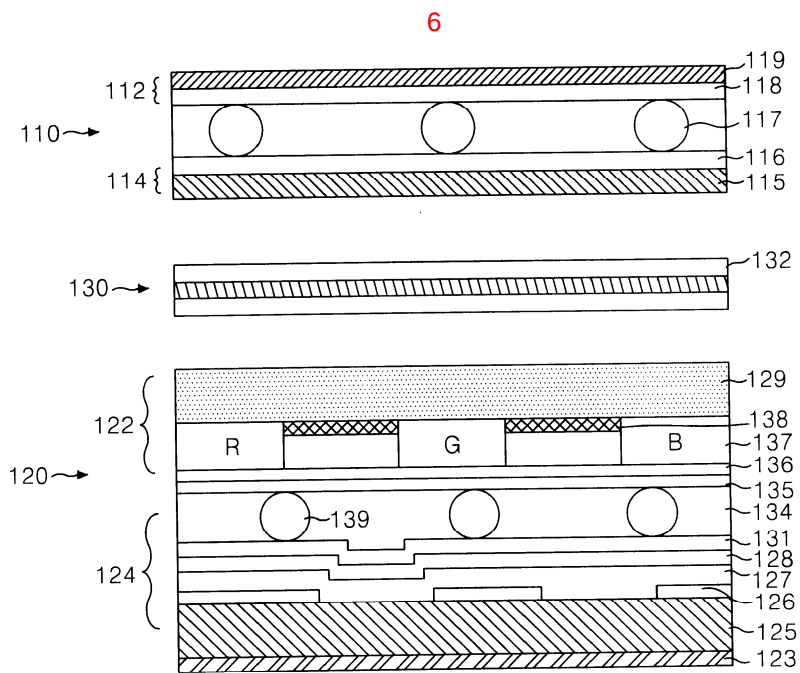
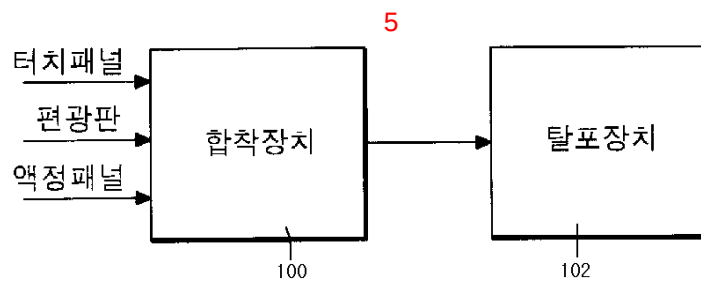


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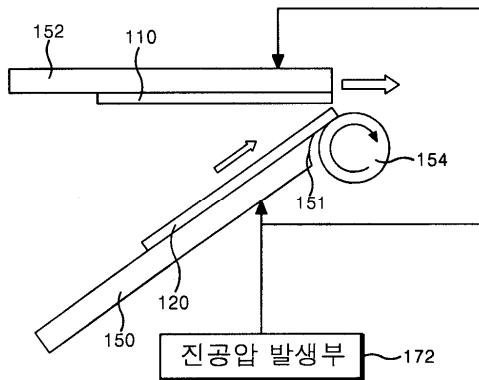


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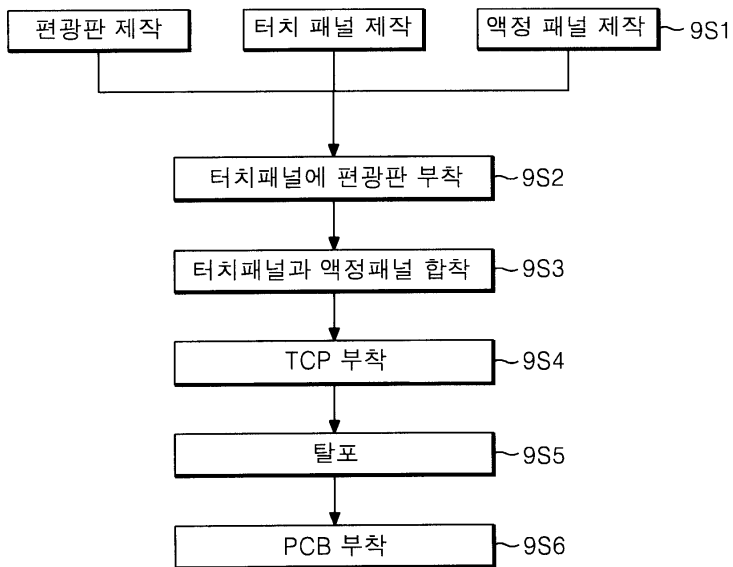




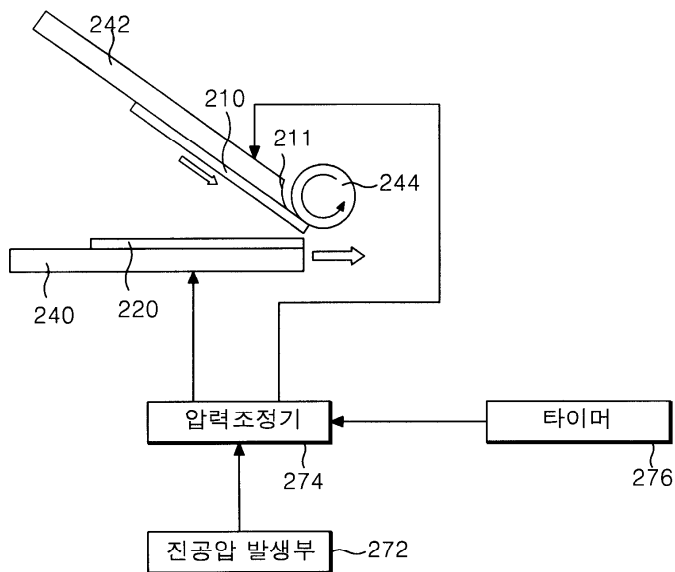
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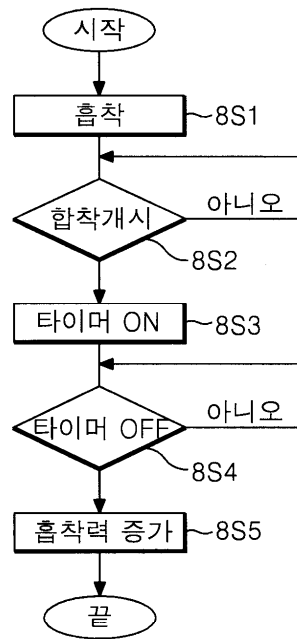
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专利名称(译)	用于制造具有相同液晶显示器面板的垫子装置和方法		
公开(公告)号	KR1020030094722A	公开(公告)日	2003-12-18
申请号	KR1020020031985	申请日	2002-06-07
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	YOU TAEHO 유태호 BANG YONG IK		
发明人	유태호 방용익		
IPC分类号	G02F1/13		
CPC分类号	B23K20/02 B32B38/1858 G02F1/13338 G02F1/133528 G06F3/041		
代理人(译)	KIM , YOUNG HO		
其他公开文献	KR100556694B1		
外部链接	Espacenet		

摘要(译)

目的：提供一种结合装置和使用该结合装置制造集成触摸面板液晶显示面板的方法，以防止在将液晶面板与触摸面板结合时产生气泡，并完全去除液晶面板和液晶面板之间的残留气泡。触摸面板。组成：第一固定单元固定液晶面板，其中像素单元以矩阵形式排列。第二固定单元将触摸面板固定为与液晶面板相对。接合装置（100）的辊将固定在第二固定单元上的触摸面板与液晶面板接合。气泡去除器（102）去除混合在液晶面板和触摸面板之间的气泡。

