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(KR)  
(B1)

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G02F 1/1335

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(24)

2004 04 14  
10-0426963  
2004 03 31

(21) 10-2001-0063140  
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7 6 -  
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 111 : 1 112 :  
 113 : 113a :  
 114 : 1 121 : 2  
 122 : 123 :  
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 130 : 140 :  
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가  
 (transmission type) (reflection type)  
 (backlight)

(power consumption)가

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(12) (13) 1 (11) (12)

(13a) 가 (13) (13a) (14)

(12) (11) 1 (14)

1 (11) (12) 1 (11) (13) 가 2 (21) (22)가 2 (21) (22)

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1 (14) (40) (40) (42) (42) (41), (42) (42) (41) (43) (44) (42) (42)

(42) ( ) (42)

(22) (23) (30) 2 (25) (24), 2 (21), (13)

(30) (23), (22), 2 (21) (24) 2 (25)

3) (13a) (21), (24) (40) (12) 2 (25) (30) 1 (14) 1 (11) (23) (1) (22)

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(indium-tin-oxide) ( ) 1 (111) (112)

(113a) (113) (112) (113a) 가 (113) (113)

(113) (112) (113) (112) (113) (112) (112)

1 (111) 1 (114) (150) ( ) (151) (114) (150)

(151) (150) (113) (113a) (151) (152) 가 (151)

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121) (122)가 (122) 가 (122) 가 (1)

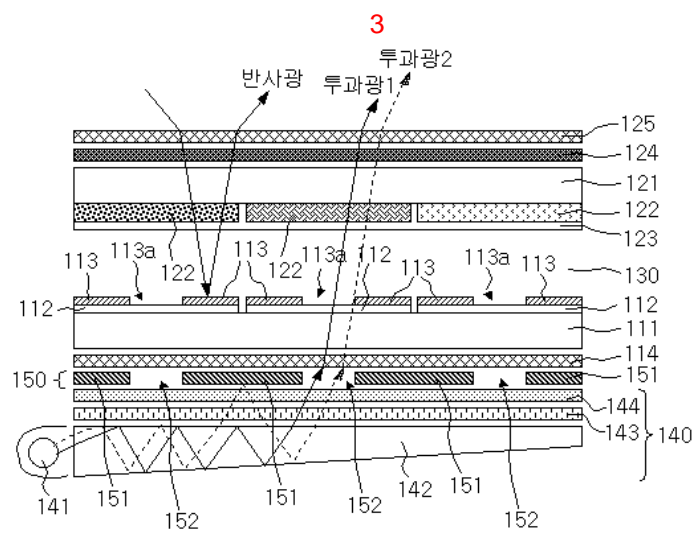
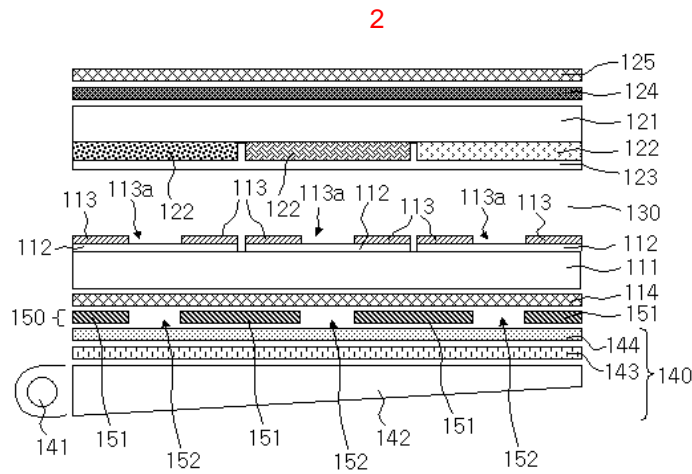
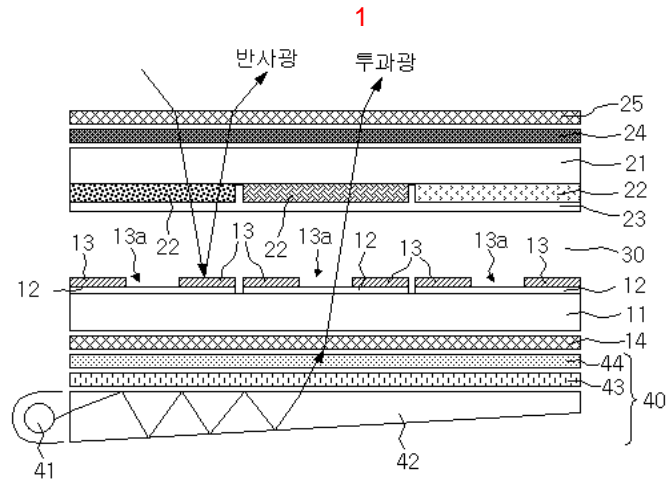
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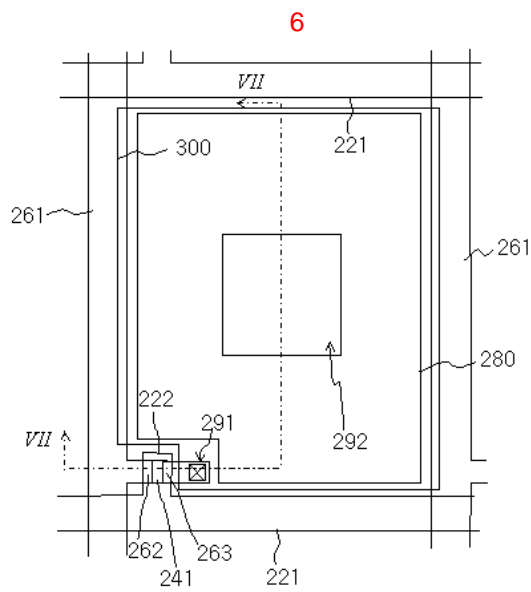
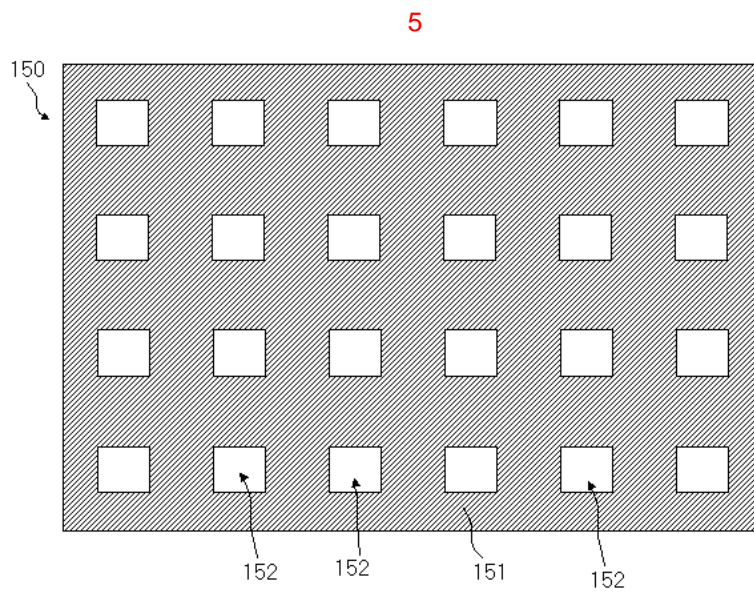
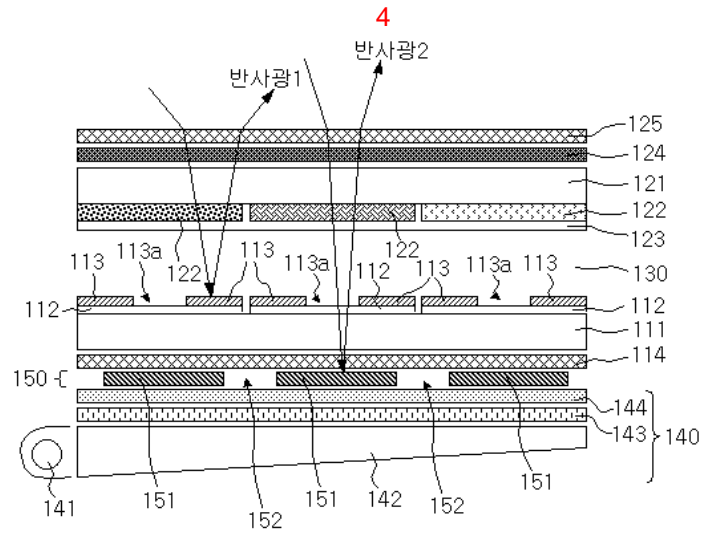
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 (140) (142) (142) (141), (140) (142)  
 (143) (144) (142)  
 (142) ( ) )  
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 (152) ( ) (113) (113a) 1 (114) (150)  
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 ) (113) (113a) (112) (130)  
 (123) (122), 2 (121), (124) 2 (125)  
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 (140) (150) (151) (151)  
 (140) 가 (150) (152)  
 1 (114) 1 (111), (113) (113a) (112)  
 (130) (123) (122), 2 (121), (124)  
 2 (125) ( 2).  
 (123) (124), 2 (121), (122)  
 (123) (130) (113) (130) (12)  
 3), (122), 2 (121) (124) 2 (125) ( ) ).  
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 13) (113a)가 (150) 3 (151) ( ) (1  
 (123) 2 (125) (124), 2 (121), (122)  
 (123), (122), 2 (130) (113) (130)  
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 , 2 (125) (124), 2 (121), (122)  
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 (111), 1 (114) (150) (113) (113a)  
 (150) (151) (151) (130)  
 2). (123) (122), 2 (121), (124) 2 (125) ( )  
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 (150) (152) ( 2 113) (113a)  
 (151) (152) 가 , (151)  
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 6 7 (210) (221) (2)  
 30) (230) (240) (262, 263)  
 (251, 252) , (251, 252)  
 1 (270) (263) 1 (270) (262, 263)  
 2) 1 (271) 1 (272)  
 (272)

가 (benzo-cyclobutene ; BCB) 가  
 (270) (280) (280)  
 (271) (263) (280)  
 (290) (290) (271) (280)  
 (291) 가 (290) (300)  
 (300) 2 (291) (302) 가 (280) (272)  
 280) 2 (302) 가 ( ) 가  
 가 ( ) 가  
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