

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl.⁷
G02F 1/1335

(45)
(11)
(24)

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10-0397671
2003 08 29

(21) 10-2001-0011618
(22) 2001 03 07

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(54) 가

, ;
, ;
, ;
R, G, B 가 , ;
, R, G, B
, ;
, ;
T , , CO

3

1
2a 2e 1
3 1

(20) (T) (34)가

(34) (T) , , 가 (36) 가 가
(36) (34)

R, G, B

(29) (photo resist) (strip) (T)
(T)

가

deposition) (coating) (

2a 2e 1 (22) (22)

2a (24) (ohmic contact layer ; 26b)
(active layer ; 26a)

(26) (26) (28, 30) (28, 30)

(28, 30) (29) (28, 30) (28, 30) (ch) (

26b) (22), (26), (26a) (28, 30) 가

/ (T) (22) 가

(28) 가

2b (ch) (T) (32)

(32) (SiNx)

2c (32) (32) , R,G,B (34)

R,G,B 2a R,G,B (29)

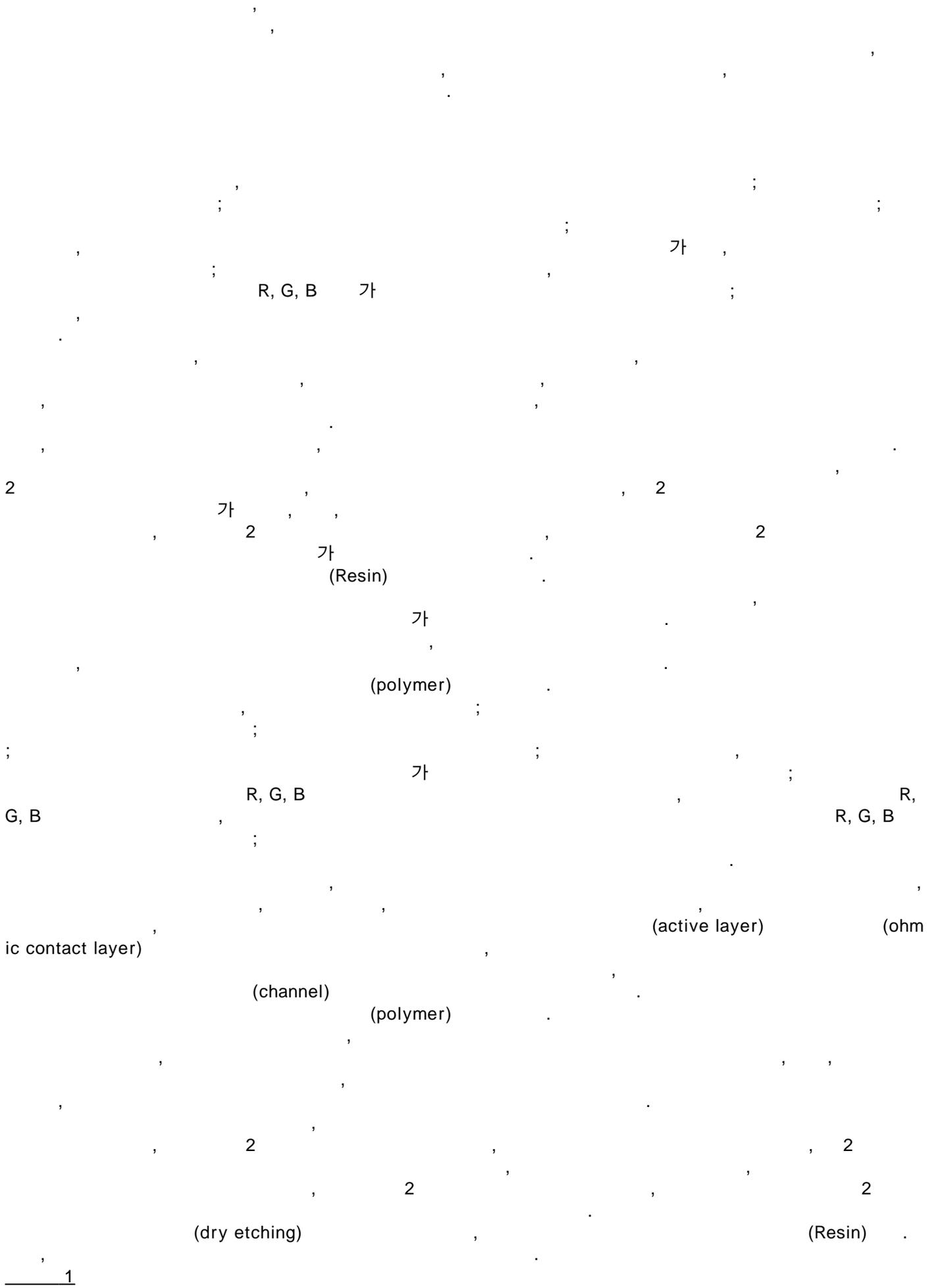
R,G,B (stripe), (mosaic), (triangle), (squ
are) 가 가

()
COT 가 (T) (29) (

l) 2d 가 (32) (30)
(33)

2e (33) (33) (30) (36)

(pin hole) 가



가 가 , 4b , , 1 (108) , 1 (102) (103) (103) , 2 (109) (109) (103) (108, 110) (109) (108, 110) (109) (114) (112) (108, 110) (CH) (112) 가 (4a ch) (108, 110) (CH) 가 가 (112) R,G,B (nozzle) R,G,B (112) R,G,B (116) (108, 110) (4a ch) (108, 110) (CH) 가 가 (116)가 5 (118) (118) (114) (110) (T) 가 2 1 가 5 2 , 3 (T) (P) 1 (113) (113) 1 (113) (126) (116)가 (116) (120) (120) (122) 가 (T) (T) (124) 2 (124) (115) 1 (113) 2 (124) (110) (115) (124) 1 (110) (115) (122) 2 (124) (115) 1 (120) (122) 2 (124) (115) 가 (120) 2 (124) (126) (116) (122) (126) (122) (T) (126) 2 (126) (122) (T) (T) (mis-align) (T) (122) 가 (Resin) (122) 3 1 6 3 , 3

15 16.

15 17.

12 18.

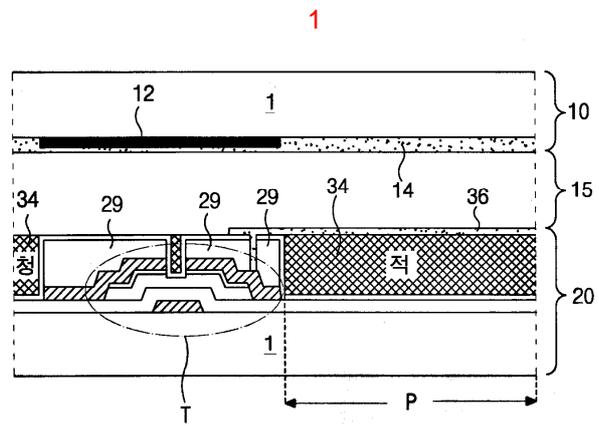
12 19.

18 20.

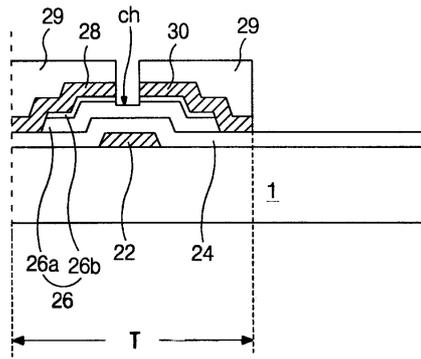
18 21.

(dry etching)

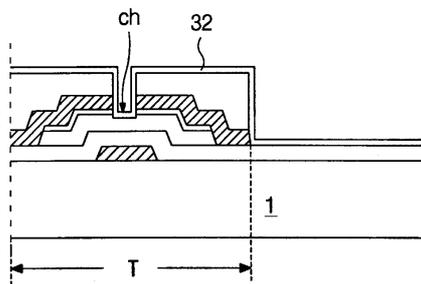
(Resin)



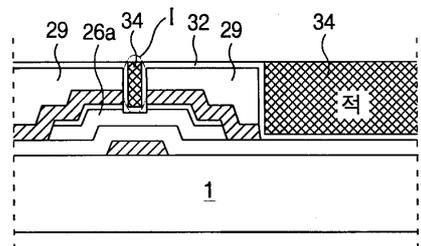
2a



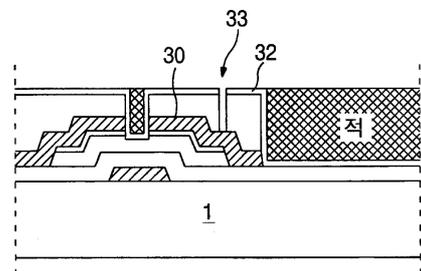
2b



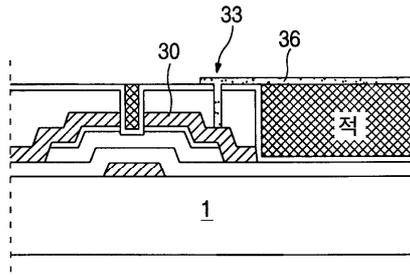
2c



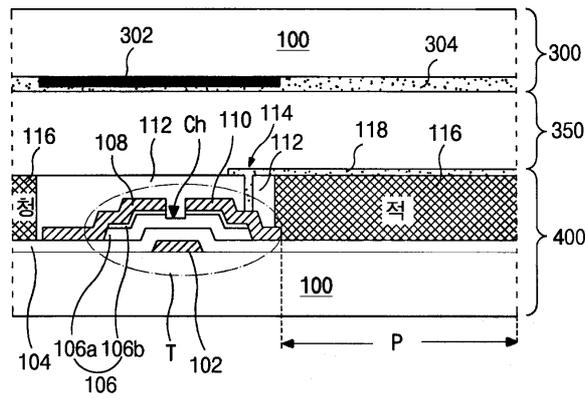
2d



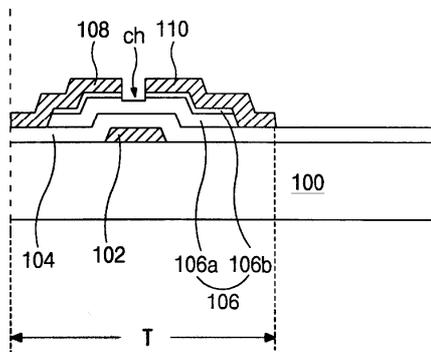
2e



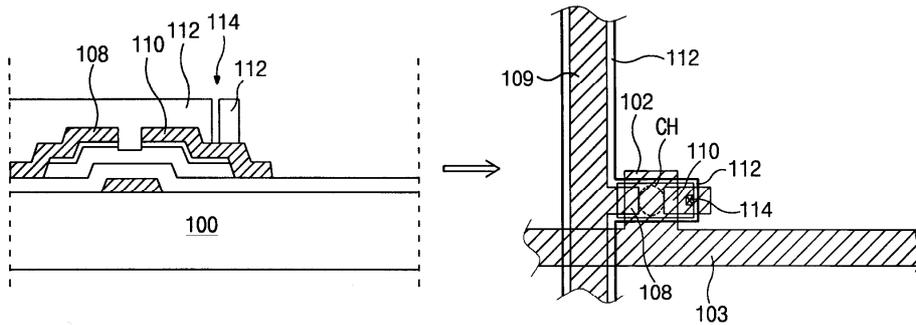
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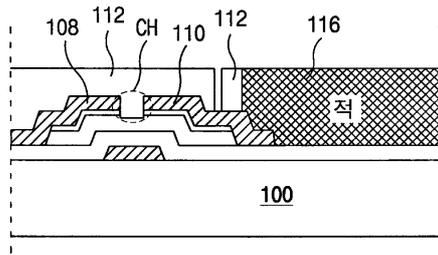
4a



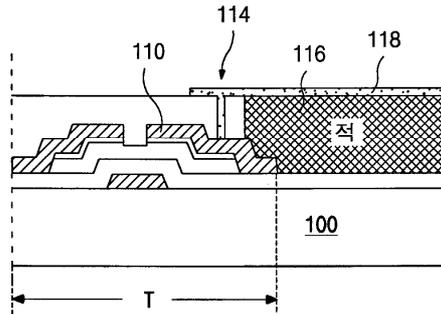
4b



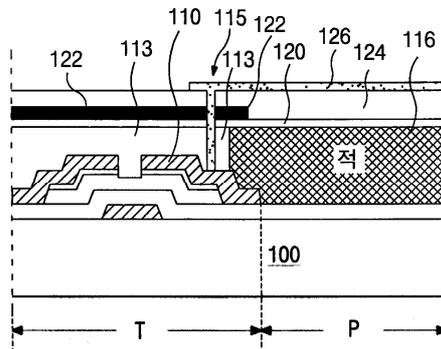
4c



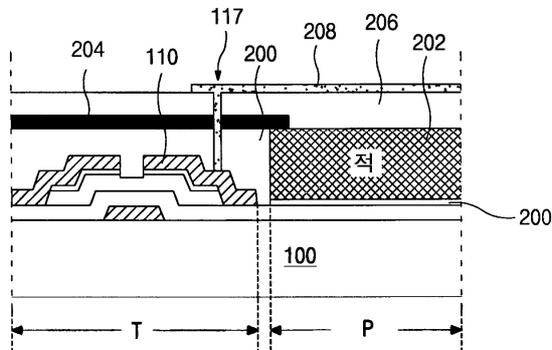
4d



5



6



7

