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2003-0037567
2003 05 14

(73)

3 416

(72)

256-5 B 101

3 206 1105

(74)

:

(54)

가 ; ; ;
가 ; ; ;
가 ; ; ;
;

5

1
2 1
3a 3c 1 가

4 2 .
 5 2 .
 6 8 가 .
 9 3 .
 10 .

< >
 10,10a,10b,10c,40...
 13,43,70,70'...
 15,15',75,76,77.75',76',77'...
 20,20',50,50',50",80,80'...
 25,26.27.28,85,85'...
 30,58... 30a,30b,30c...
 35a,35b,35c...
 45,45',45"... 48...
 55... 2 60...X
 90... 92...
 93... 95...
 97... 98...

1 (102), R,G,B (107), (100), (100) 1
 (105) (107) (105) (105) 2 (110),
 (112) R,G,B (118) (115)
 (100) (xenon) - (metal-halide) , UHP
 (gamut) 가 , 가 ,
 R(Red),G(Green),B(Blue) (105) (105) ()
 (105) R,G,B 가 (112)
 2/3 (105) (105)
 (105) (bre
 akup) 가가 가
 가
 (wave guide)

가 LED, EL FED

가

1 가 2 가

, X X 가

가

가

2 (10)

1 (10)

(15),

(15) (20)
 cent) FED(Field Emission Display) LED(Light Emitted Diode), LD(Laser Diode), EL(Electro Luminescent)가 2
 (10a), (G) 2, 3 (10b) (B) (R) 3 1 (10c)
 (10a)(10b)(10c) (13)
 (13) (20) (15) (20) (15)
 (15)가 (20) (15) (20) (15)
 (15) (20) (20) 가 (15)
 (20) (15) (20)
 (15) (20) (diffraction optical element)
 (20) (20) (20)
 (25)가 (25)가
 (20) (20) (20) (20)가
 (26) 3a (20) 3b 3c
 (20) (20) (27)(28) (26)(27)(28) (25)
 (20) (15) (20) (25)(2)
 0) 6)(27)(28) (10) (20)(20')
 (15') (20') (25)(26)(27)(28) (30)가
) , 2 , 5 (40)
 (45) (50) (50) (40) LED(Light Emitted Diode), LD(Laser Diode), EL(Electro Luminescent) FED(Field Emission Display)
 (50) (45) (48) 가 (48) 45
 (50) (45) (50) (50)
 (40) (45)(45')(45")가 (50)(50')(50") (40)
 0) (40) (45)(45')(45") (43) (4)
 (50)(50')(50") (50)(50')(50") (43)(55)
 2 (55) 1 2 (55)
 6 (58)가 (30)(58) 가 1
 8 1 2 1

3 (10a)(10b)(10c) (10) R,G,B 1, 2
 (10a)(10b)(10c) R,G,B 6 7 1 3
 (10a)(10b)(10c)가 (15) (45) (20)(50)가 (45) (20)(50)
 (30)(58) (30)(58) 6 1 3
 (10a)(10b)(10c) (30a)(30b)(30c) (10b) G 1 3 (10a) R (10c)
 B 2 1 (30a) R G,B
 3 2 (30b) G R,B
 (30c) B R,G
 (25) 1 2 (30a) A
 (25) 1 G 2 (30b) 2 (30b) (2
 5) B 3 (30a) A 3 (30c)
 R,G,B 2 1 (30b)(30a) A (30c)
 7 (35) (35)
 (35) R 1, 2 G 3 B (35a)(35b)(35c)
 1, 2 3 (35a)(35b)(35c)
 2 (38) 1 (37) +, -
 R+ R R- R 1, 2 3 (35a)(35b)(35c)
 (35a)(35b)(35c) (10) R,G,B (37) 2 (38) R (R+) 1 (37) 1
 (37) R+ 2 (38) 2 (38) (25) R 2 (38) A' 1 (37)
 1 (37) A' 1 (37) (G+) (G-), B (B+) A' (B-)
 G (A') 1, 2 3 (35)
 a)(35b)(35c)
 1, 2 3 8 X (60) X (60) X
 (10a)(10b)(10c), (60) R,G,B (60) X
 (61)(62)(63) (64) 가 (15) (20)
 3 4 (60a)(60b)
 B 3 (60a) R G,B 4 (60b)
 R,G

1 (20) 3 (61)(62)(63) (25)(26)(27)(28) (10a)(10b)(10c) R,G,B X (60) (15), 1
3 (60a)(60b) (64) (10a)(10b)(10c) R,G,B 3 4
(30)(35)(60) (diffraction optical element) X
(15) 2 가 R,G,B 4, 5 6
3 (65)(66)(67) 9 4 6 (65)(66)(67) 4
6 (75)(76)(77) (80) R,G,B (75)(76)(77) (85) (70)
(80) (70) R,G,B 4 6 (85) (75)(76)(77) (80)
(80) (85) (80) (80) (85) (80)
(80) (85) (80) (80) (85) (80)
66')(67') (75')(76')(77'), (80') (65')(66')(67') (85')가 (75)(76)(77) (80)
(75')(76')(77') (80') 가 (80') 가 (75)(76)(77) (80)
0)가 3 4 6 R,G,B on-off (80)
R,G,B R,G,B 가 (90),
(90) R,G,B 2 10 (95) (90)
(95) (90) (98) (97) (10) (10)
(15) (15) (20); (15)
90 2 9 2 4 (10a)(10b)(10c) LED(L
ight Emitted Diode), LD(Laser Diode), EL(Electro Luminescent) FED(Field Emission Display)
(10a)(10b)(10c) R,G,B (10a)(10b)(10c) R,G,B 1 (10a)(10b)
3 (10c), (15), (20) (15) (15)
(20) (25) (20) (20) (25)
가 (25) (20) (3a 3c) (20) (25)(26)(27)(28)
R,G,B (93)가 (95) R,G,B (92)
n-off (95) (95) (95) (95) o
(90) (25)(26)(27)(28) (30)
(30a)(30b)(30c) 3 (30a)(30b)(30c) R,G,B 1 3 R,G,B
(93) (30a)(30b)(30c) R,G,B (92)
(95) (95) (30a)(30b)(30c)
(35)

8 R,G,B X (60) X (10a)(10b)(10c)가
 R,G,B X (60) X 1 3
 (90)가 5 (40),
 (40) (48) 가 (50) (45) (45) (5
 0) (55) (92) , 1
 (93) (55) (95) (35) X (55) X
 3 (60) (30a)(30b)(30c), 가
 (75)(76)(77) R,G,B 9 R,G,B 4 6
 R,G,B 가 (80) (80)
 (93) 가 (90) R,G,B (92)
 (97) (98) (95)

가 , ,
 , , ,
 , 가 on-off
 가 (time sequential) 가 (frame rate)

(57)

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

가
 2 LED, EL FED

6 7.

4 8.

8 9.

가

9 10.

9 11.

11 12.

2 가

1

8 13.

가

X 13 X 14.

1 15.

2, 9 13, 가

4 16.

17.

;

;

;

17 18.

17 19.

18, LED, EL FED

19 20.

20 21.

19 22.

- 20 **23.** 22 ,
- 23 **24.** ,
- 25 **25.** ; ; 가 ;
- 25 **26.** , 가
- 25 **27.** 26 , LED, , EL FED
- 27 **28.** , 1
- 28 **29.** , 2
- 28 **30.** 29 , 1 2
- 29 **31.** , 2
- 31 **32.** , 가
- 32 **33.** , , 2
- 32 **34.** , , 2
- 34 **35.** , , 1 , 2 가
- 31 **36.** , 가
- 36 **37.** , ,

X

X

38.

25 , 26 , 32 36 , 가

39.

38 ,

40.

; ; ;

41.

40 ,

42.

40 41 , LED, , EL FED

43.

42 ,

44.

43 ,

45.

44 ,

46.

; ; ; ; ;

47.

46 ,

48.

46 47 LED, , EL FED

49.

48 ,

50.

49 , ,

51.

49 50 , ,

52.

51 ,

52 53.

49 54. 50

54 55.

56.

56 57.

57 58.

58 59.

59 60.

60 61.

59 62. 60

61 63.

64.

64 65.

66.

65

LED, EL FED

67.

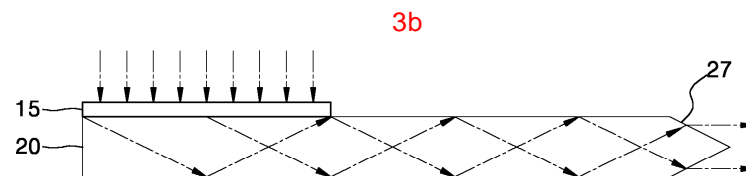
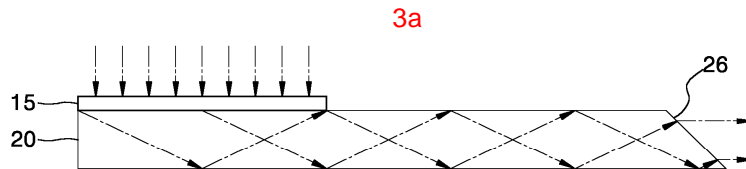
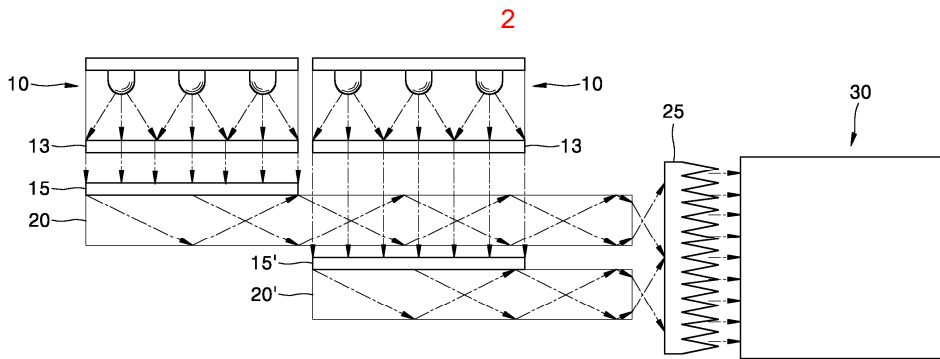
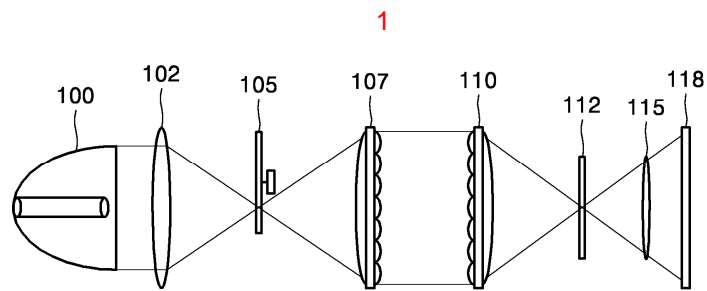
64 66

68.

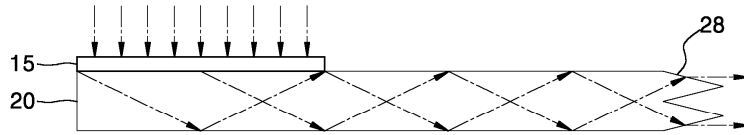
67

69.

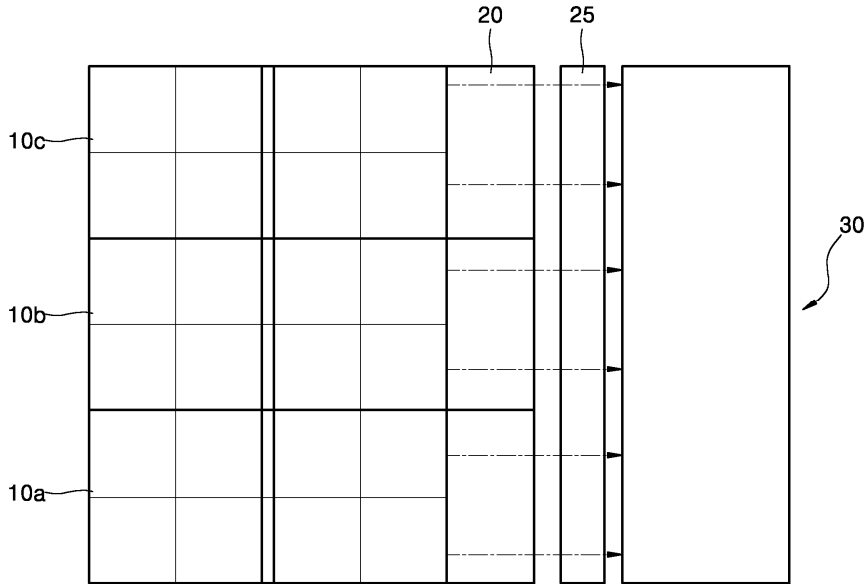
67



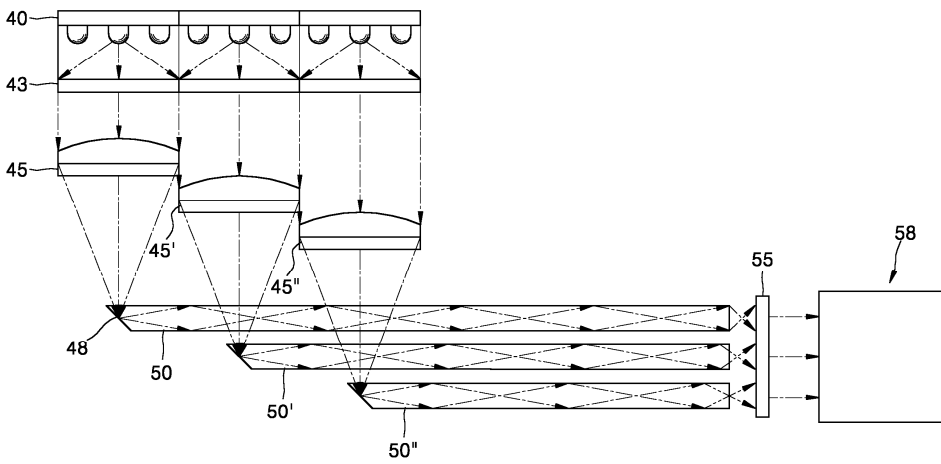
3c



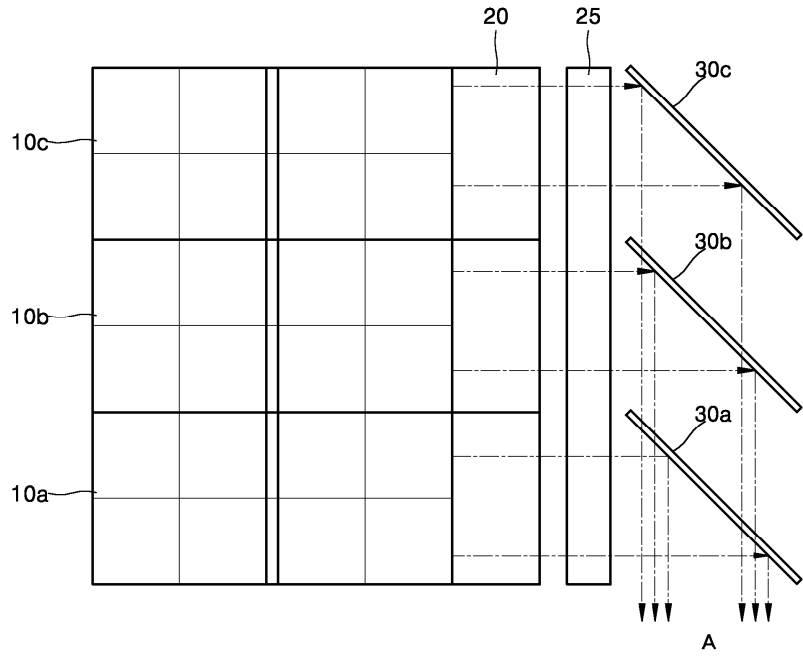
4



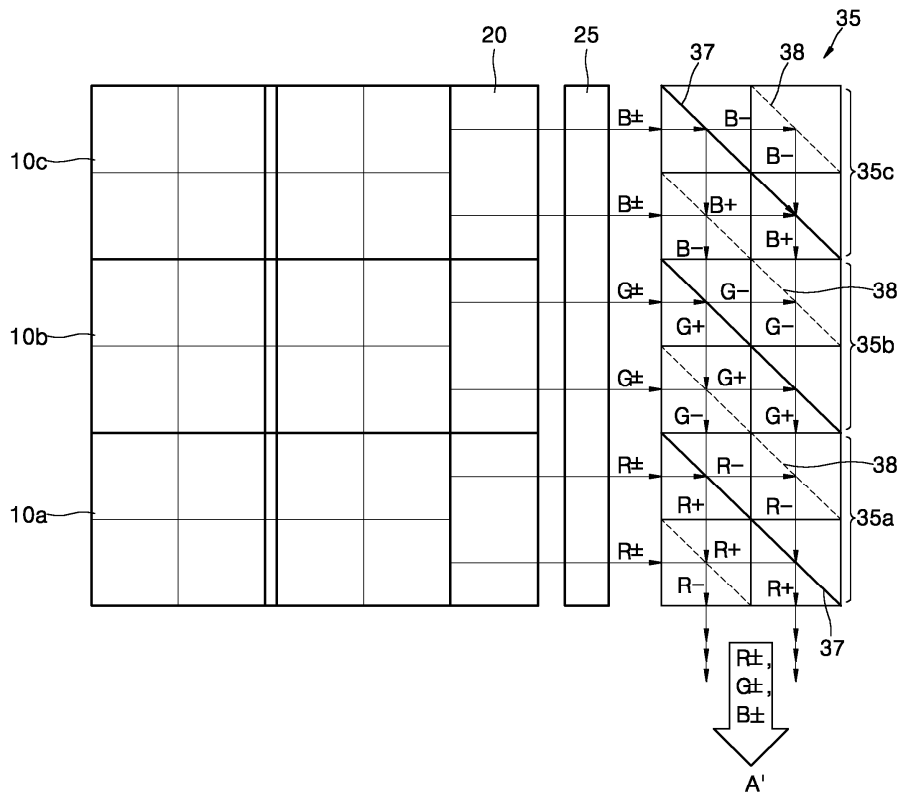
5



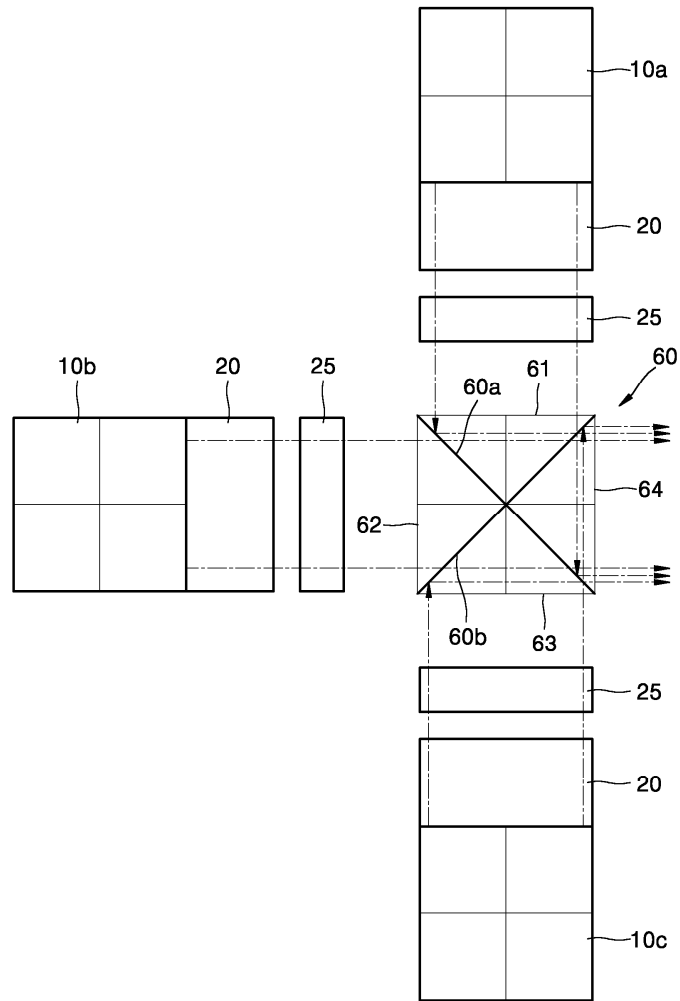
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7



8



9

