

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl.7
G03B 21/14

(45)
(11)
(24)

2004 10 01
10-0450815
2004 09 20

(21) 10-2002-0005879
(22) 2002 02 01

(65)
(43)

10-2003-0065846
2003 08 09

(73) 416

(72) 1151-5 804 1402

(74)

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(54)

LED LD
가 , ; 1 ; ;
2 ; , . ;
3
1
2
3
4 3
5a 5b
6 9 가
10

11

< >

10R,10G,10B... , 11,70...
 12,72... , 13...
 14,38... , 15,27,35,76...
 16... , 17...
 18... , 29,37...
 20R,20G,20B,78... , 31R,31G,31B...
 40R,40G,40B,82...
 55... , 62,85...

LED LD

1 (100) (100)
 (110), (110) (R), (G) (
 B) on-off 1, 2 3 LCD (180)(181)(182), 1, 2 3 LCD (180)
 (181)(182) R,G,B (190), 1 3 LCD (180)(181)(1
 82) () (200)
 G) (B) 1 (120), 1 (R) (120)
 1 (120) 1 LCD (180) 1 (130), 2
 (140) 2 (150) 2 (150)
 3 LCD (182) 3 (160)가 1 (130) 1 LCD
 , 2 (140) 2 LCD 3 (160) 3 LCD
 1, 2 3 (170)(171)(172)가
 (100) R,G,B
 1 3 LCD (180)(181)(182)
 R,G,B (190)
 (200)
 etal-halide) , UHP 500 (100) (xenon) - (m
 가 , 가 , 가
 가 , (gamut) 가
 , 가 ,

1

2

2

가

가

1

1

2
2

가

가

2

LED

가

1

2

1

2

2 (10R)(10G)(10B), 1 3 (10R)(10G)(10B) 1 3 (10R)(10G)(10B)
 1 3 (40R)(40G)(40B), 1 3 (20R)(20G)(20B),
 1 3 (40R)(40G)(40B) (55), (55)
 () (62)
 1 3 (20R)(20G)(20B) 1 3 ()
 31R)(31G)(31B) 3 (40R)(40G)(40B) (55) (62)
 4 61 (55)
 (55)
 R,G,B
 1 3 (10R)(10G)(10B) 1 (10
 R) 2 (10R) (LD) LED (10R)(
 10G)(10B) 1 (10R) 2 3 (10G)(10B)
 1 (10R) 3 4 (11), (11)
 (12), (12)
 1 (13) (11) (14) (20R)
 (13) (14)
 2 (15) LED LD
 (11) (13) (14) (t) (t) 가
 (15) (t) (15) (13) 가
 (20R)

(15) (20R) , (20R) 2
 가 가 LD LD (20R)
 (13) (14) (14)
 2 (13) 가 (13)
 (15) (11) (13) (14)
 (11) (11) 2 (15) 가 (L2)
 (15) (20R) (11) (13) 2
 (13)

5a 1 (10R) (12),
 (11), (11) (16), (16)
 (11) 1 (20R) 2 (15) (16)
 (16) 가 (13) (14) (16) 5
 b (18) (M) (M) (18) (20R) 2 (15) (R) ,
 가 (18) (16) (16) (16) (1)
 1) (17) 2 (15) (11) 1 (20R) (17) (16) (1)
 7 8 (27)(35) (29)(37) 1 (27)(35) (27)(3)
 1 5) (11) (35') 1 (35') (35') (38)
 (t') 2 (38) (25') 10 1
 (12a) (12) 2 (12b) (12) LD
 , 2 (15) (11) (20R)
 , (11) 가 가 (11)
 , 가 (20R) 가 (20R) 2 (15)
 가 1 (10R) , 2 (10G)
 3 3 (10B) (40R)(40G)(40B) 1 3 (31R)(31)
 1 3 (40R)(40G)(40B) on-off
 1 3 가 LCOS(Liquid Crystal On Silicon) 1 3 (40R)(40G)(40B)
 (62)

B , R,G,B , R,G,B
 R,G,B on-off

11 , , (70), (70) (70) (75), (70) (75) R,G,B
 2 (70R)(70G)(70B) 2 (76) (78) (82) on-off
 (82) (85) (82) 80 84
 () (82) 가
 R,G,B
 (17), (75) (13) (14), (16),
 (27)(35) (38)

LED

가 , 가

(57)

1. ; ; 1 ;
2. 2 ; ; 2 ;
3. 2 가 , 가 ;
4. 1 ; 1 ; 2 ;
5. 4 ; 가 , 가 ;
6. 1 ; 1 ;
7. 1 ;

1 8. ,

1 9. ,

1 10. 9 , 가
2

1 11. 9 ,
LED

11 12. ,

12 13. ,

12 14. 13 , 2
1

12 15. 13 ,

12 16. 13 , ,

17.

;

;

1

;

2 18. ; ,

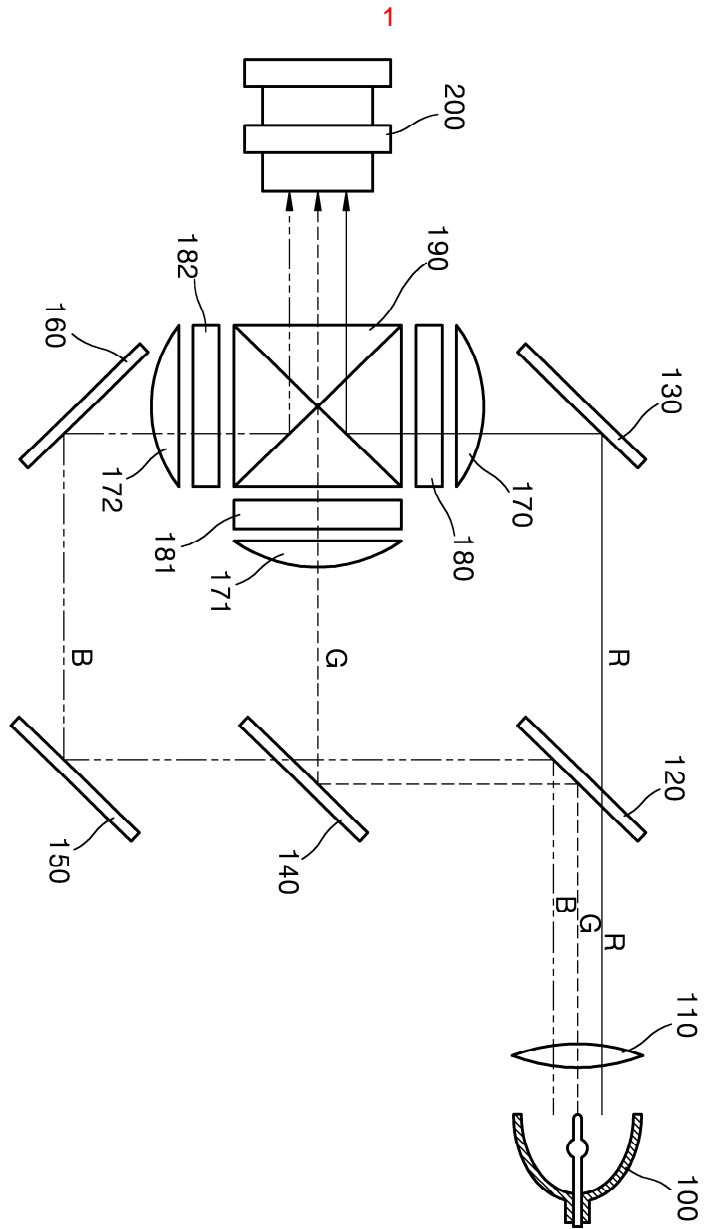
17 , , ; ;
2

18 19. , 가

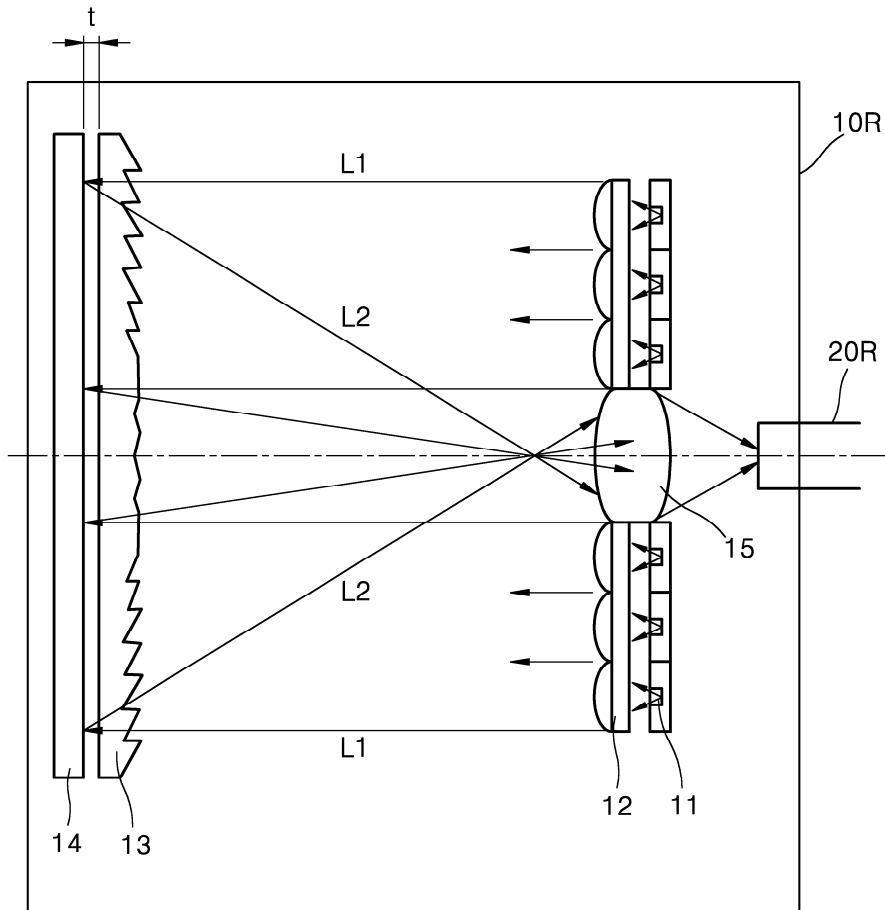
17 20. , 1 ; 2 ;
1

17 21. , 1 ,

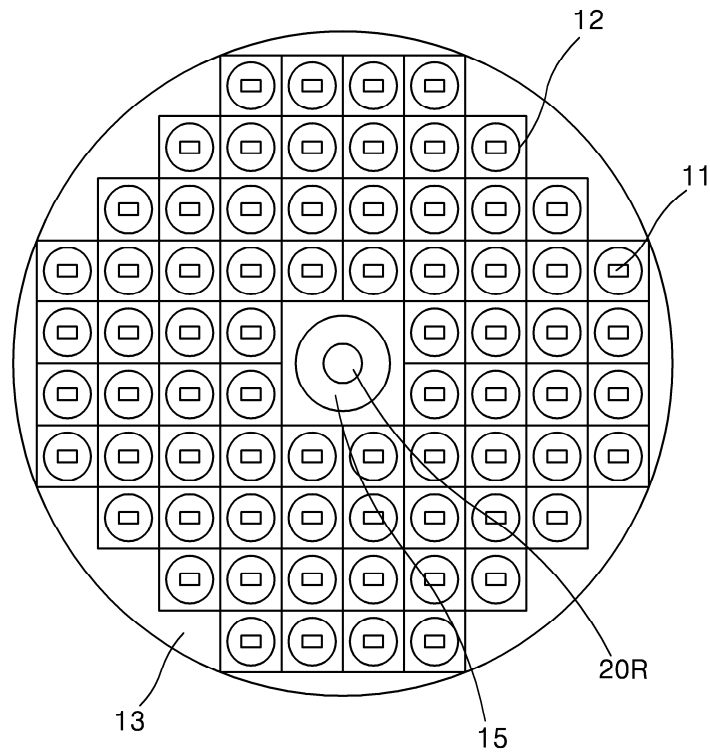
- 1
22. 17 , ,
- 23. 17 ,
- 24. 17 ,
- 25. 17 24 , 가
2
- 26. 17 24 ,
LED
- 27. 26 ,
- 28. 26 ,



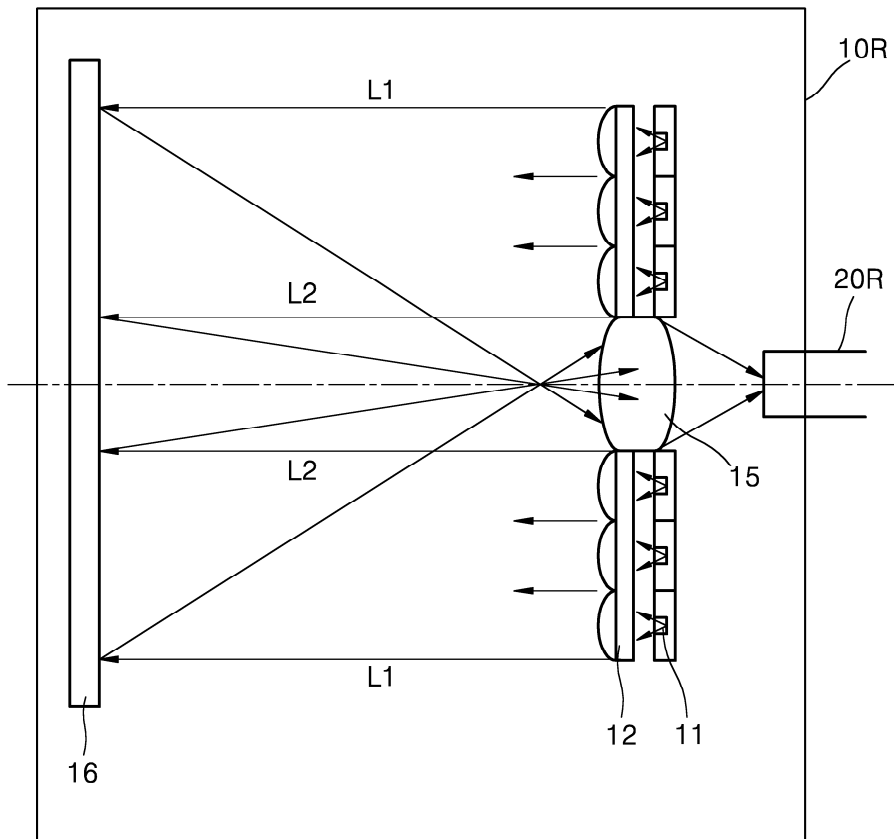
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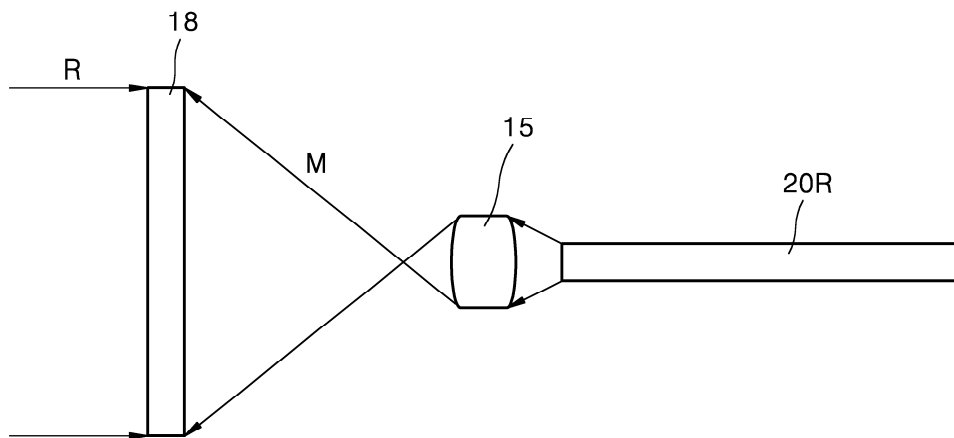
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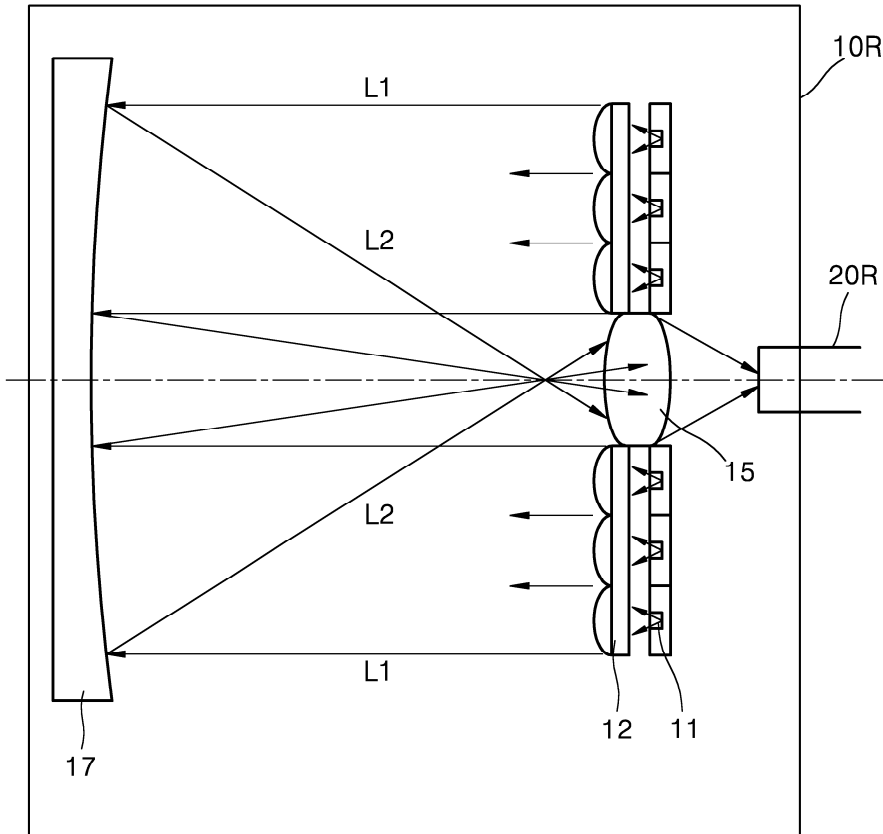
5a



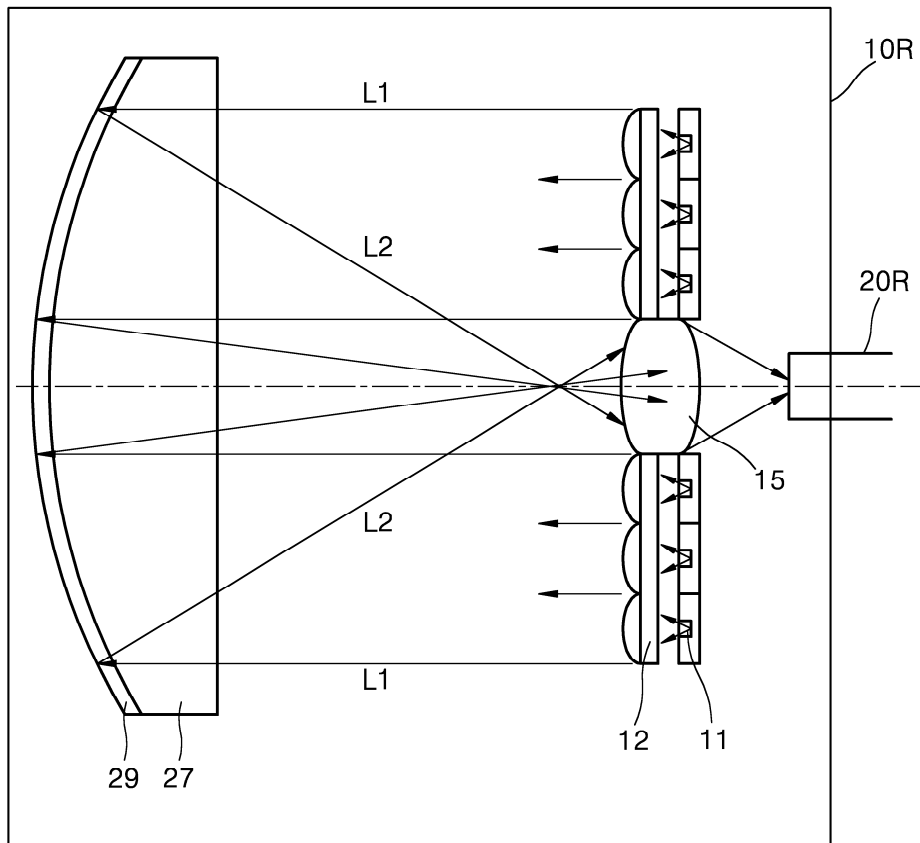
5b



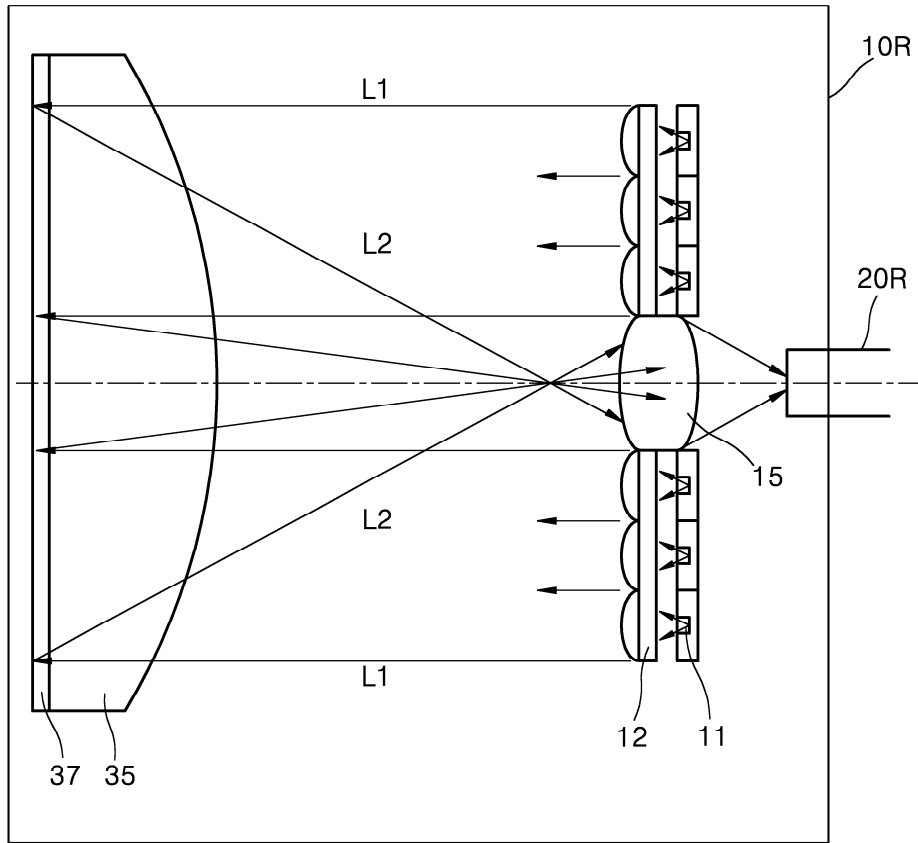
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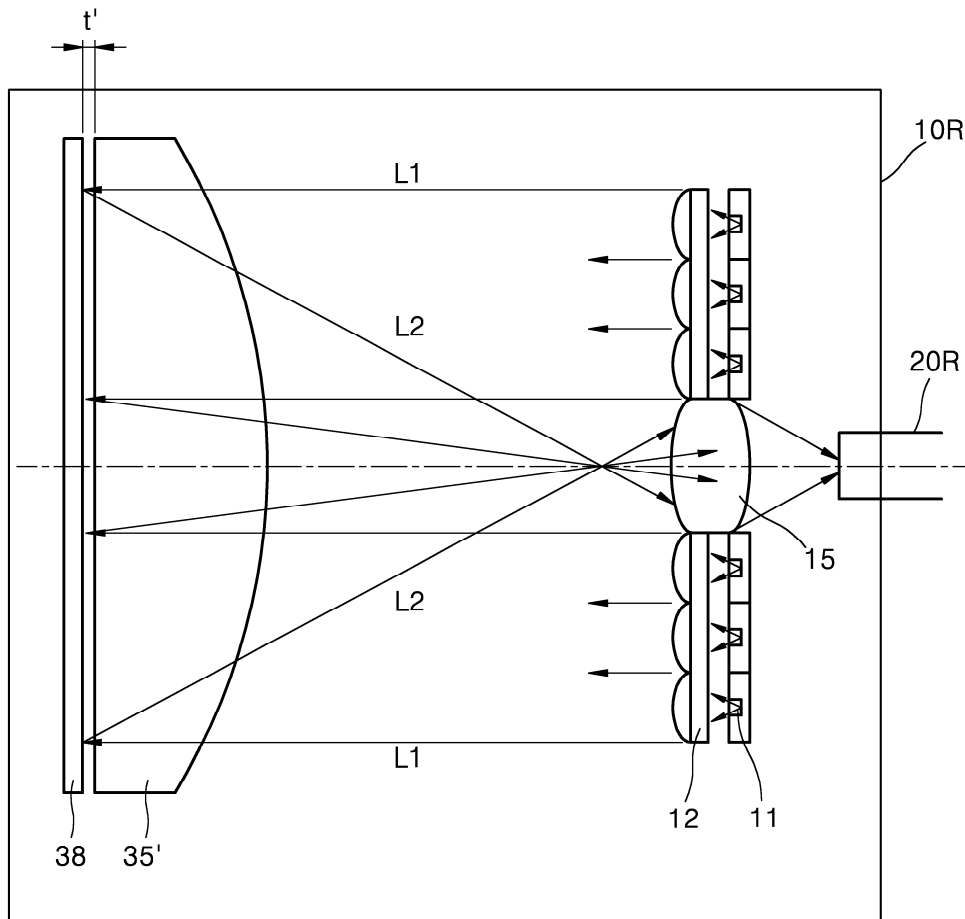
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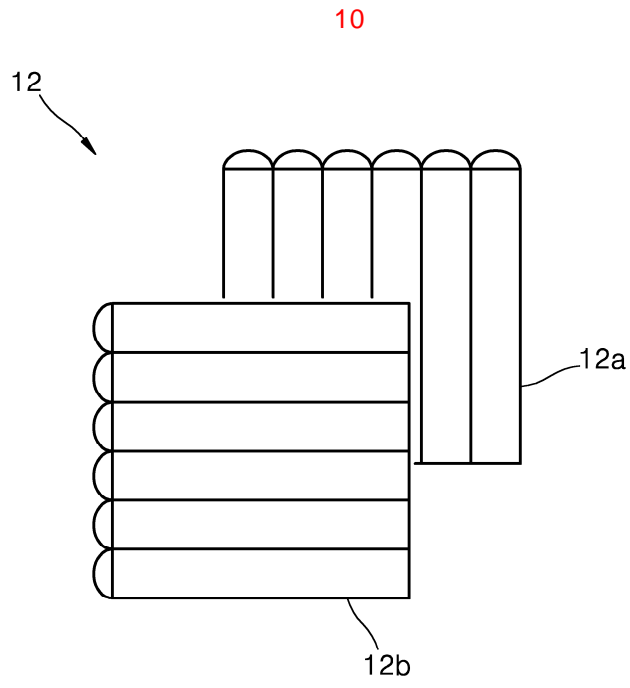


8



9





11

