

, , ,

1 1

2

3

4

5 (多眼式)

6 1

7

8 6

9

10

11

12 11

13

14 RGB

15 RGB , 14

16 2

17 16

18 16 17

19 3

20 19

21 19 20

< >

1501 :

1502 :

,2

가

가

(LCD)가

RGB 3 ()
RGB 3 가 가

XGA(Extended Graphics Array: ; 1024×768, ;150μm)

102, 3

가 1.5mm

10

가

가 , RGB

, RGB

(arrayed)

.1

3

(1)

1

1

(1501) , RGB 3

(1501) (1505)
(1501) (1501)

(1503)가

(1

503)

(1502) ,

(1503)

(1501)

(1508)

(1502)

(1509)

(1506)

(1507)

가

(1502)

(1506)

가

(1502)

2

(1512)

(1512)

2

, 2

(15

01)

(1512)

(1502) 가

(1512)

(15

02)

가

3 1 (1502) (1501) , (1508) (1508) (1502) 가
 (1506)() (1509)
 . R, G, B 3 (1501) , R(), G(), B()
 (1509) (1509) 가 가 「 3 , P2
 (1508) 가 P1 R, G, B (1509) , 24 , G
 , R (0 255) , B (0 255) , G (0 255)
 2 (1512) 가 , R, G,
 B R (0 255) , B) , G , R B (0 255 G (0 2
 55)
 , 4 (1508) 5 (1508)
 「 (flipping) 」 65mm 가 가 가
 가 , RGB
 6 1
 6 ()가 ,
 50μm, 150μm 1 10 . 7 ,
 1 5 . 7 ,
 (1501) , (1501)
 , 1 (R), 2 (1501) (G) 3 (B) 3가 6
) 3 (R), 2 (G) 3 (B)
 (1501) , 8 50μm, 150μm (1509)

(1502)

(1501)

(1502)

9

(1502)

(1512)

가

10

1

(1502)

(1510)

가

가

11

12

(1510)

(1510)

가

1

가

13

(1513)

1

6

RGB 3

RGB 3

, RGB

14

R, G, B

가

(

(1521)

R, G, B

(1520)

가 500 μ m

15

가

6

가

가

(2)

16

2

2

(153

0) , 6

1

가

6

1

(1501)

가

, 16

V

가 16

, 1

가

17

50 μ m,

150 μ m

(1531)

2

(1531)

9

(1512)

2

가

가

18

16

17

(1531)

(1532)

(1531)

13

가

(1513)

(3)

19 3 3 (153)
3) , 6 16 (1530) , 1 1 2 (1501) 가 2 .

20 50μm, 150μm (1534)
, (1512) . 3 , (1534) 9

3 , 2 가 가 가 , 가

21 19 20 (1534) (1535)
, (1534) 13 , 가 (1513) .

EL(electro luminescence:)
, R, G, B 가 , RBGRBG... GBRGBR...

6

가

가

RGB

가

(57)

1.

3

, 1

2.

1

3.

1

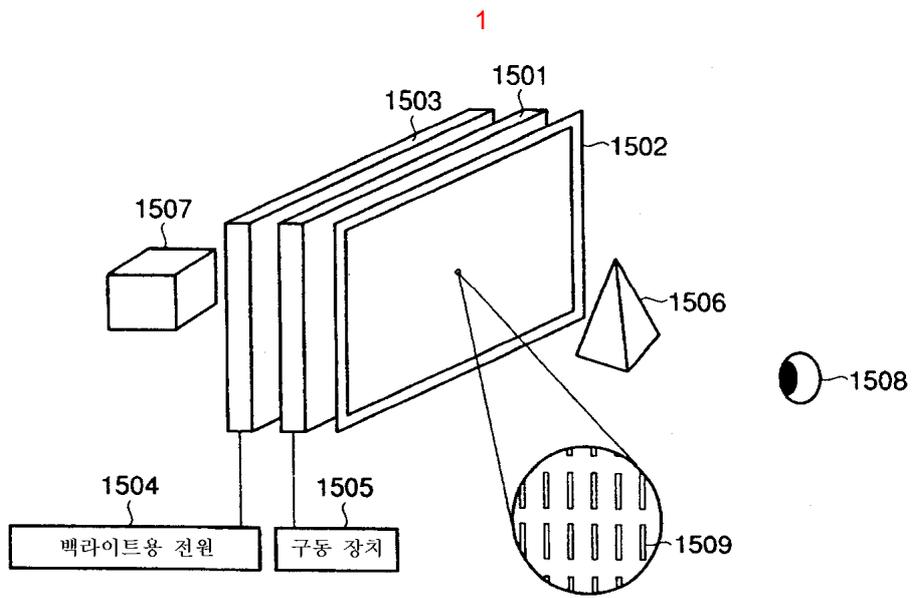
13.

8

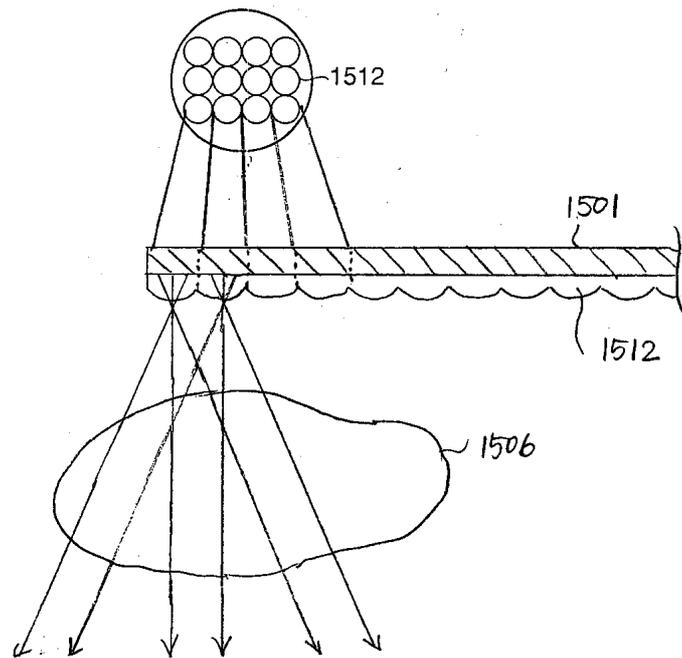
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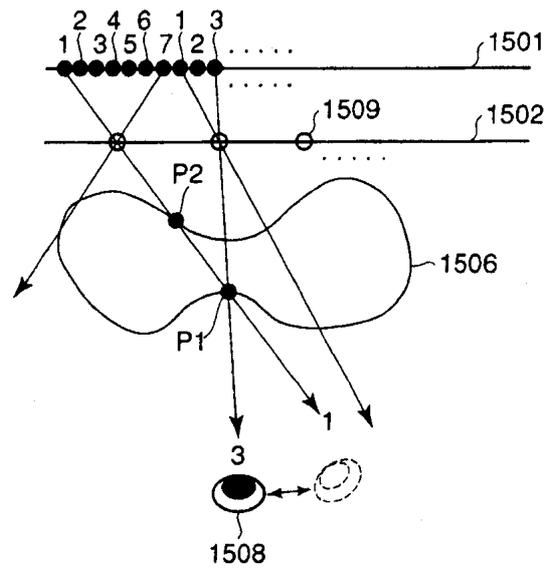
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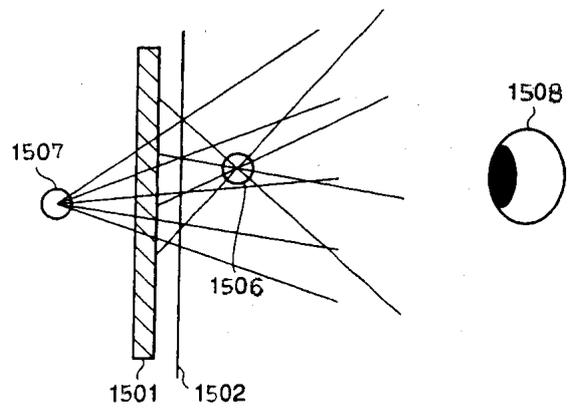
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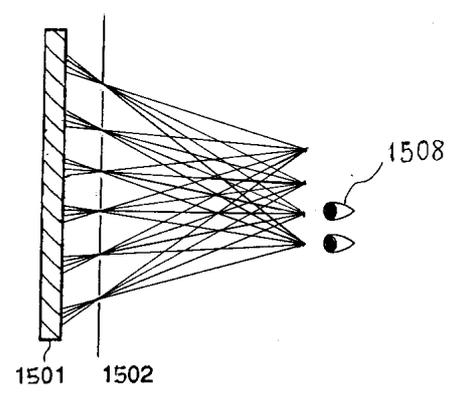
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4



5



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1	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G									
2	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B									
3	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B								
4	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B							
5	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B						
1	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B					
2	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B				
3	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B			
4	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B		
5	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	
1	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B

1501

7

	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3																
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2	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G												
3	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G											
4	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G									
5	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G								
1	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G							
2	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G					
3	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G				
4	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G	R	B	B	G			
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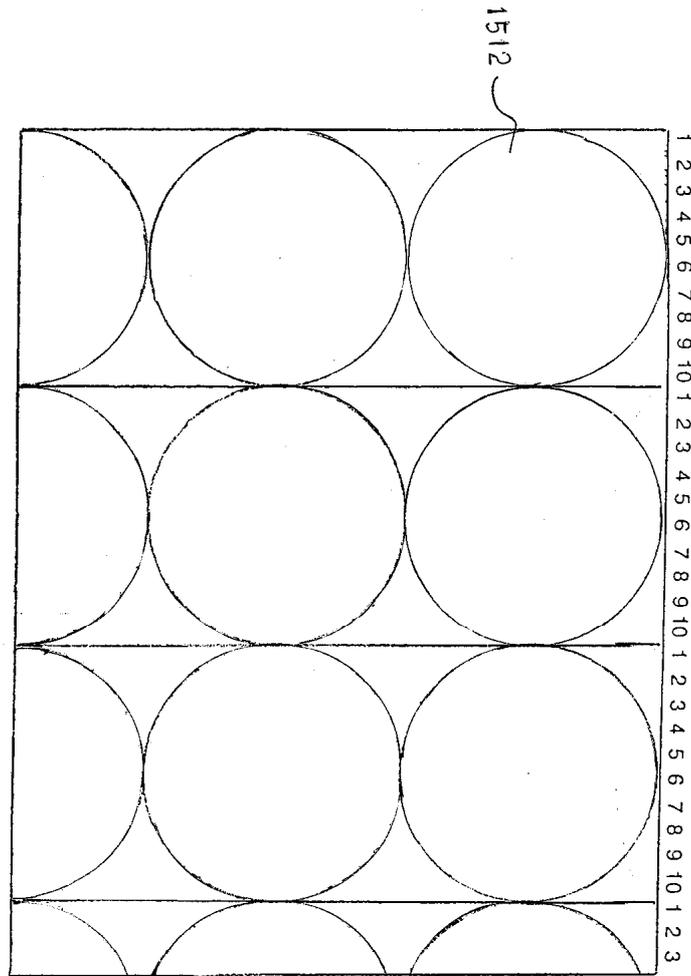
1501

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2	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B
3	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R
4	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G
5	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B
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2	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G
3	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B
4	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R
5	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G
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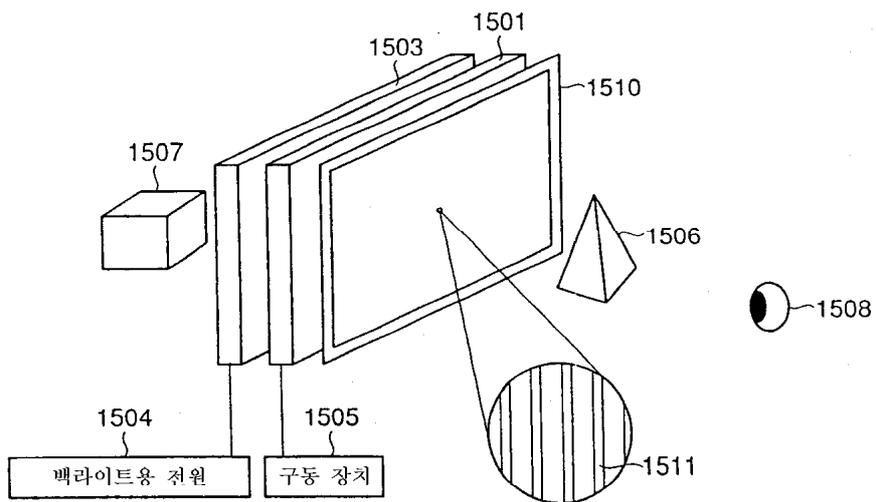
1509

1502

9



10



11

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1	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G	R	B	G							
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1501

