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	(24)	2002 09 02

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(30)	JP - P - 1998 - 00189372	1998 07 03	(JP)
(73)	가 가	가 4 - 6	
(72)	가 가	5 - 103 - 2	
	가 가	774 - 5 - 5 - 2	
	가 가	2 - 15	
	가 가	823 - 19	
	가 가	5977 - 1	- . 11 - 210
(74)			

(54)

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8, 13, 19, 20 :

9 : 2

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12 :
14 : 1
15 :
18 : 2
21 : 3
25 :
26 :
27 :
28 :
29 :
31 :
61 :
65 :
91 : 1
92 : 2
93 :
101 : 1
102 : 2
103 : 3
104 : 4
105 : 5
106 : 6
107 : 7
108 : 8
109 : 9

110 : 10

123 : 1 가

124 : 2 가

125 : 3 가

126 : 4 가

가

8 - 179424

가

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가

가

가

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가

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1 (5) (6) (1), (2) 1 (7), (8) 2 (3), (4)
 (dichroic mirror: 10)

1 (11) 1 (13) (10) (11) 1 (81) 1 (14) (12)
 . 2 (15) 2 (17) 2 (15) 2 (17) 2 (18)
 3 (20) 3 (83) 3 (12) (19),

1 (21) (14) , 2 (18)
 . (25) (cross dichroic prism : 25)
 (26) (27) ()

3 (20) , 1 (10), 2 (15), 1 (13), 2 (19),
 . (25)

, 7), (8), 2 (1), (3), (4), (5), (6), 1 (31) 가
 , (27), (25), ,
 1

, (200)

, 29 (29) 1 , (29) 1 (91), 2 (92), (93) 가
 . 61 1 , 2 3
 , 67 . 65 (200)
 95

1 W1 W5 (29) (65) (29) , (91) (61) (63)
 . (67) 1 , 2 3

1 , (29) (29) 2 (92) 가 , 가 (62)
 , (6), (5), (31)

, (28) (29) (1) (3) (31) , (1) (30) (93)
 91) 1 (14), 2 (18) 3 (21) , (28) (29)

2 3 . , (27) 2 3 (61) 1
 가 . (61) (27) 가

2
 3 2
 2 3 1 X

2 , 1 가 (123), 2 가 (124), 3 가 (125), 4 가
 (126)가 , 1 가 1 (123) 1 (101) 2 (102) (102)
 01) 2 (18) . 2 2 (102) 1 1 (1)
 4)

2 (102) 2 2 가 (124) 3 4 (103)
 1 (14) 3 4 4 (104) 3 3 (21)

, 1 4 가 (126) 5 (105) 6 (106)
 (18) 5 6 2 (18) 5 5 (105) 6 6 2
 2 (18) 2 (18) 2 (18) 6 6 (106)

2 (102) 2 가 (124) 7 (107) 8 (108)
 1 (14) 7 8 1 (14) 7 7 (107)
 (108) 1 (14) (14) 1 (14) 8 8

4 (104) 3 가 (125) 9 (109) 10 9 (110)
 3 (21) 9 10 3 (21) 9 9 (109)
 10 (110) 3 (21) 3 (21) 10 10

, 3 5 2 (18) 3 (65)
 2 (82) 2 (18) 2 5 (82)

(65) 7 1 (14) , 7 1
 (81) 1 (14) (14) (81)

$$\begin{array}{ccccccccc}
 8 & & 1 & & (14) & & . & 8 & 1 \\
 & & & & & & . & & (14) \\
 & & & & (25) & & & & \\
 \\
 , & & (65) & & 9 & & 3 & & (21) \\
 & & & & (83) & & 3 & & (21) \\
 , & & & & & & & & 3 \\
 & & & & & & & & (83)
 \end{array}$$

$$(65) \qquad \qquad \qquad 10 \qquad \qquad 3 \qquad \qquad (21) \qquad \qquad \qquad (25)$$

가 , 1 (14), 2 (18) 3 (21)
 . 1 4 가 (123, 124, 125, 126)
 1 10 . 2 (18)
 1 (14) , 123, 124, 125 가 2
 (18) 6 1 (14) 8

$$3 \quad , \quad 9 \quad 10 \quad \text{가} \\ \text{가} \quad . \quad 5, \quad 7 \quad 9 \quad 2 \quad 4 \text{가} \\ (124, 125, 126) \quad , \quad 1 \quad 3 \quad (81, 82, 83) \quad \text{가} \quad \text{가} \\ . \quad (61) \quad .$$

2 3 , 가
3 (14, 18, 21) 101, 102, 103, 104 가 .
,
가

$$, \quad 1 \qquad \qquad (14) \qquad \qquad 3 \qquad \qquad (21)$$

$$\begin{array}{cccccc} 1 & & 3 & & (14, 18, 21) & & 1 & & 3 \\ (14, 18, 21) & & & & . & & \end{array}$$

, (61) 1 4 가 (123, 124, 125, 126)
가

8

가

가

8	,	(1)	(2)	(3),	(4),
(5)	(6)	,	1	(7),	(8), 2
	(40)	.	(40)	(41)	(9)
	(41)	(13)	1	(14)	(42)
(16)	2	(15)	2	(18)	(42)
17)	2	(15)	2	(19)	3
	(21)	.	(17)	(20)	3

1	(14)	,	2	(18)	3
	(21)	.		(25)	.
(25)	(26)	"U"	(27)	()	.
(1)					.

(50)	(1)	(3)	,	(45)	(44)
	(31)	(1)	.		.

8	(27)		(25)		
	1	(10), 2		(15), 1	(13), 2
20)		(25)	.	.	(19), 3

,						
7),	(8),	2	(1), (9)	(3), (25),	(4), (5),	(6), (31), 1
			,	,	,	(31) 가 .
						8

8		(61) 1	(27)	,
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(61)		W11	W12	1
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가

8	,	(50)	.	(61)	(27)	()
1)	

가
 (101, 102, 103, 104) 가 . , 1 3 (14, 18, 21)
 가

(61)

(57)

1.

1 , 1 2

2.

3.

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가

4.

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, 1

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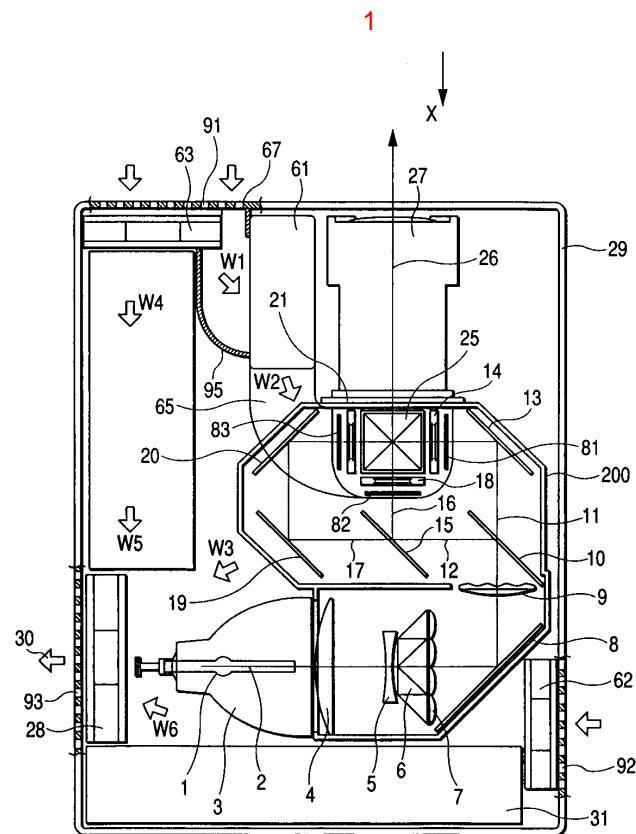
가

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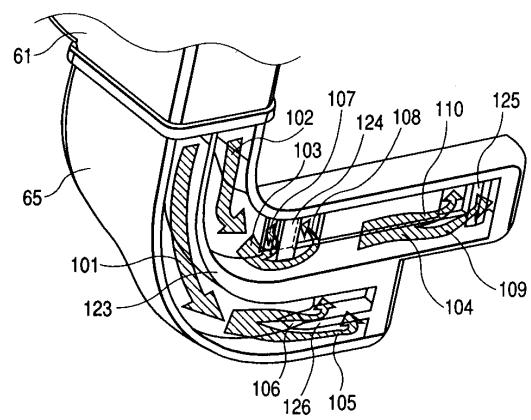
5.

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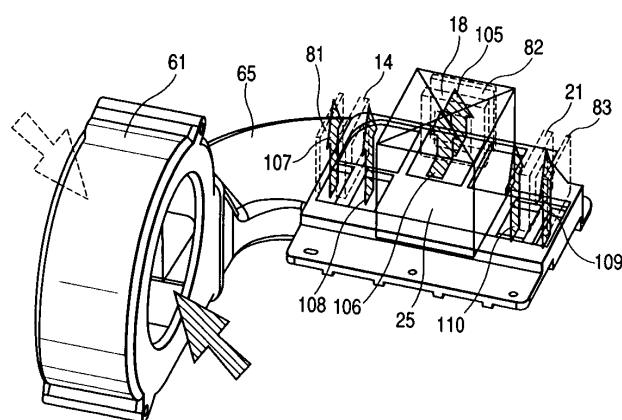
2 가



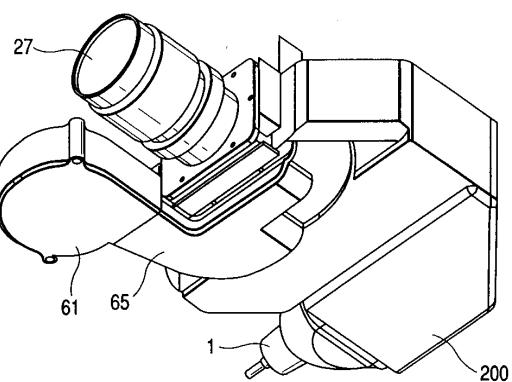
2



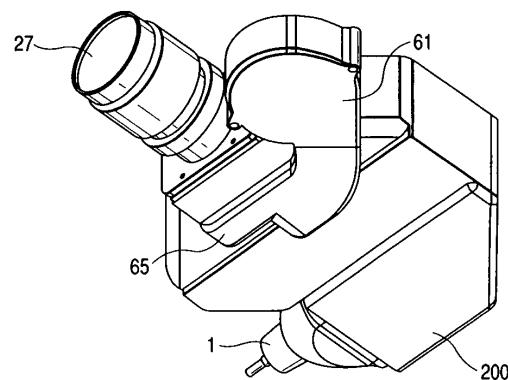
3



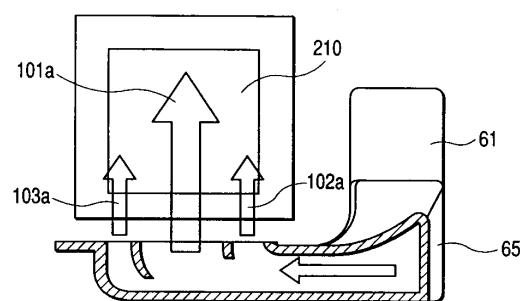
4



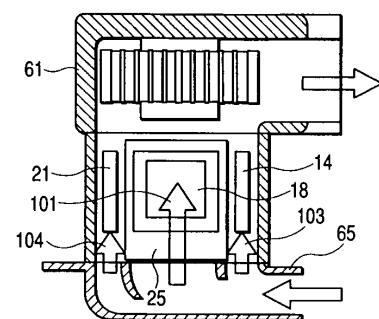
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