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141-0001 가 가 6 7 35 가 가

(74)

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(54)

1 (10) (H₁) (H₁)
(30) , (H₁) , (H₁)
(60) , (H₂) (H₂) (H₂) 2
3 (70) (H₂) (H₃)

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가 2 3
1a (100) (L10) (100)
(L11) (L12) (L11) (L12) (L10) (L11)
(101) (103) (107) (108) (102) (109)
111) (L11) (L12) (L12) (112)
(L11) (L11) 1 (106) (L11) 1 (104) (L11) (103)
(105) (107) (108) (P100) (112) 2
06) (108) (108) (105) (1)

(L12) (109) (L12) (L12) 1
2) (112) (111) (110) (L1)

(112) (113)가 1b 1b b (113)

(L10) 1a (L11) (L12) (101) (102)
8) (L11) (104) (105) (108) (10)
(107) (P100) (111) (L11) (106) (10)
(109) (110) (112) (P100) (L12)

(112) 가 (108) (L11) (L12)
) 가

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20a) (121) (121) (120) (121) (120) (120) (12)

0b) (120) (123) (124) (121) (121) (120) (121)

(120c) (125) (121)

3 (130) (130a) (131)

(130) (130b) (131) (133) (131)

(131) (131)

(135) (135) (136) (134)

3 60 (130)

) (133) 가

(133) 가 가 가 가

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4 (141) (141) (140) (140a) (140) (140a)

(141) (142)

(140b) (140) (142) (143) (140)

(140) (143) (141) (142) (143) (142)

42) (142) (141) (142)

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(143) 가 (140) (141) (143) (142) (142)

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7a

7b

7c

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9a

가 1

9b

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가 3

13 3

60) 3, 5 (70) 1 (30) (20) 2 ()
 (20) (50)

(50)

3 (70)

6 (5) (3) (5) (4) (6)

(3) 7a (5) 가,
 10 mJ/cm² 400 mJ/cm² (M)가 (LA) 7b 가
 (M)가 (M)가

0 mJ/cm² 가 (M)가 7c (M) 100 (M) 가
 (LA) (LB) (3) (5) 가

(3) (3) 1 (30), 2 (60) 3 (70) (5)

(3)

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8 (11) (10) (10) (13) (12) (H₁)
 (20) (50) (H₁) (20)

(11) (16) (17) (D1) ,
 (2) (D3) (D2) (D1) ,
 (D1) ,

(D2) , CAD(Computer Aided Design) CG(Computer Graphics) 가
 (D2) 가

(D3) (11) , (D1) / (D2)
 (D4) (16) (D4) ,
 (17) (11) , (h₁)

(13) (D5) (17) (D4) 1
 (D5) (D5) (12)
 (3)가 (h₁) (3)

(13) (20) (11)
 (D5) (h₁) (20)
 (20) (50) (13)

(20) 1 (30) (13) (H₁)

(50) 2 (60) 3 (70) (20) (H₃)
 (H₁)

(30), 2 (60) 3 (70)

1 (30) , 9a 9b (30A), (30B) (30C) (L2) (L3) (30B) (30C) (L
 2) (L3) (30B) (P1) (30C) 가 (L2) (L3) (30B) (30C) (L
 0) (10) (h₁) , 1 (30), 2 (50) 3 (6

(30A) (L1) (31) (L1) (33)
 (32) (L1) (L2) (L3)

(31) (L1) YAG

(C1) (32) (D5) (13)
 (h₁) (L1) (L1) (h₁) (P1)

) (33) (L1) (L1) (L2) (L3) (L2) (L3) (L2) (L3) (L2)

(30B) (30C)

8) (30B) (34), 1 (35), (36), (37) 2 (3

L2) 1 (34) (33) (L2) (34) (

1 (35) (39) 1 (34) (L2)

(36) 1 (35) (L2) (39)

(37) (L2) 2 (38)

2 (38) (L2) (P1)

(30B) (36) (37) (39)가
 (39) (13) (37) (D5)
 (13) (D5)

(C1) (h₁) (44)

(h₁)

(30B) (30A) (L2) 1

(35) (36) (36) (39) (L2) (3)

OB) (39) (30B) (32)가 (L2) 2 (38)

(P1) (h₁) (38)

(L2) 2

(30C) (40), (41) (42)

(40) (30B) 1 (35)

(33) (L3) (39)

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(41) (40) (L3)

(42) (L3) (P1) (h₁)

1 (30) (33) (L2)

(30B) (L3) (30C) 가

1 (30) (L2) (L3)

가 1 (30) (h₁) (43)가

(43) (h₁) (L2)

(L3) (h₁) (43) CCD(Charge Coupled

Device) (31) (L1)

(43) (13) (13) (L2) (L3) 가 (32)

(h₁) (43) (L3) 가

(32) (13) (h₁) (L2) (L3) (13)

1 (30) 1 (20) (h₁) 9b

a (44) (13) (C1) (44) (h₁)

(L1) (13) (C1) (20) (32)가 (44)

(13) 1 (20) 1 (C1)가 (44) (12)

(h₁) 1 (20) (h₁) (P1)

(h₁) , (h₁) , 가 , 가 (h₁)
 가 (44) (20) , (20)

(20) (L2) (L3) (32)가 (h₁)
 (h₁) (12) (P1) (20)
 1 (C1)가 (b1) (13) (44)

(20) , (h₁)

1000 mJ/cm² (LB) , 가 (M) ,
 , 120 가 가

(H₁)

(H₁) 2 (60) 3 (70) (50)
 (H₂) (H₃)

(H₁) (60) 10 (H₁) (H₂) ,
 (H₁) (L5) (H₁) (h₂) (L5)
 (L6) (h₂) (L5) (L6) (h₂) 가 (h₂)
 (h₂) (H₂) (3) 3 (70)

2 (60) 11 (60A) (L4) (61) ,
 (L4) (L5) (L6) (62)

(61) , (L4) YAG

(L4) , (C2) , (L4) (H₁) (13)
 (h₂) (L4) (H₁) (h₂)

(62) (L4) (L4) (L6)
 (60B) (L5) (L5) (L6) ,
 (60B) (60C)

(60B) (63), (64) (65)

(63) , (62) (L5) 1

(64) (63) (L5)

(65) (L5) 1 (30) (H₁)
 , (H₁) (h₂)

) (70B) (L9) (70C) (L8) (L9) ,
(70B) (73), (74), (75), 1 (76)
L8) (73) (72) (L8) (73) (
(74) (73) (L8) 1
(75) (74) (L8) (H 2)
1 (76) , (L8) 1 (h 3)
(70C) (77), (78) (79)
(77) , (70B) (74)
(72) (L9) 1
(78) (77) (L9)
(79) (L9) (h 3) (BL)
(BL) (L9) (h 3)
3 (70) , (72) (L8)
(70B) , (L9) (70C) 가
, 3 (70) (L8) (L9) ,
(H 3)
3 (70) , (h 3) (L8) (L9)
(30) (H 1) 가 (H 3) 3 (70) , 1
(H 3)
가 (10)
가 (10) 가 (H 3)
가 (BL) , (BL)
가 (BL)
가
가
(10) (20) (50)

(50) (60) (70)가 (H₂) (H₃)
 (60) 3 (70)가 (H₂) (H₃)
 가 (H₂) (H₃)

가

가

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가 1 1 1 1
 1 1 1 1
 2 2 2 2 2 2 2 2
 2 2 2 2 2 2 2 2 2 2
 가 3 3 3 3 3 3 3 3 3 3 3 3
 3 3 3 3 3 3 3 3 3 3 3 3

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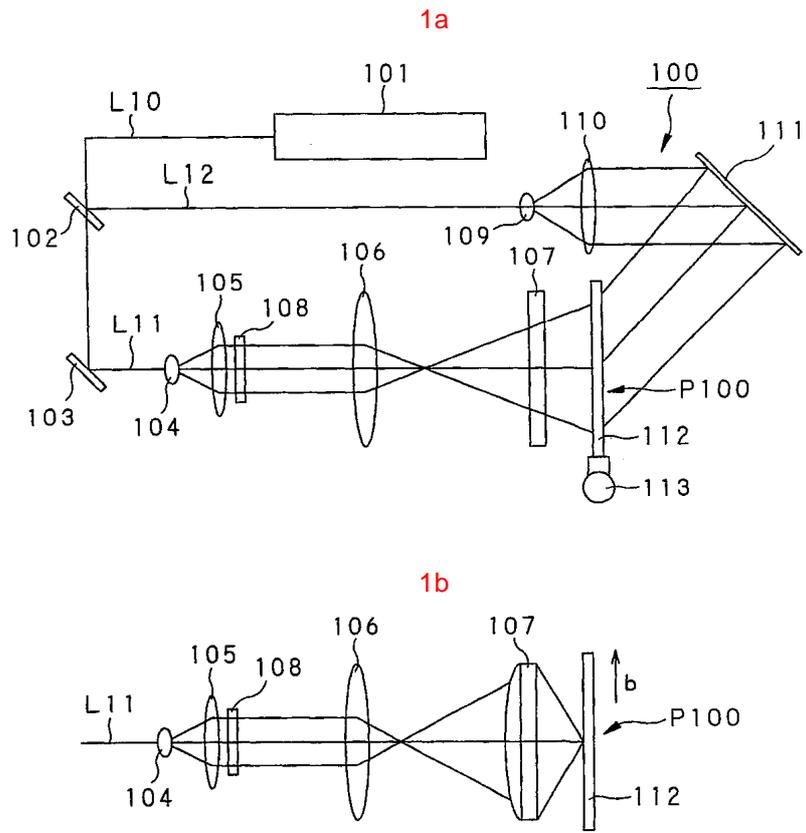
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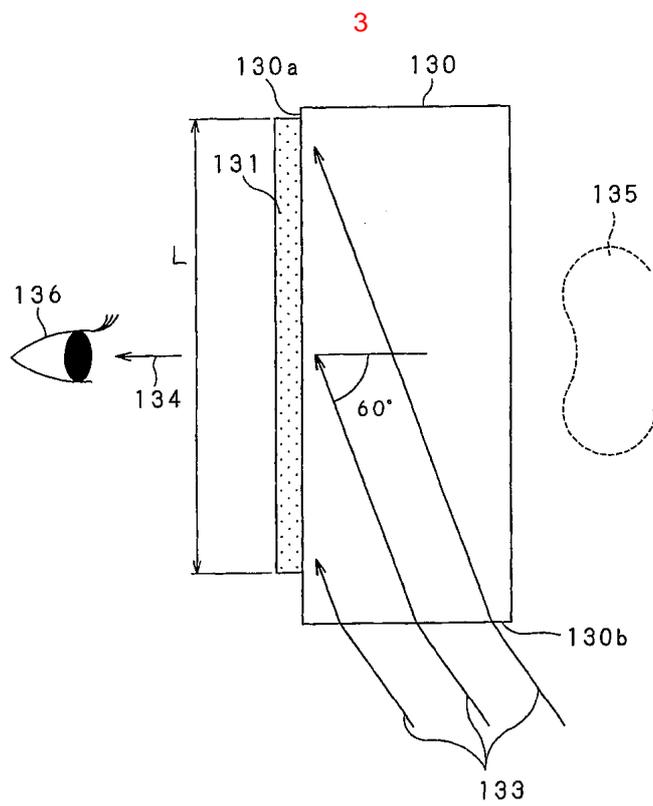
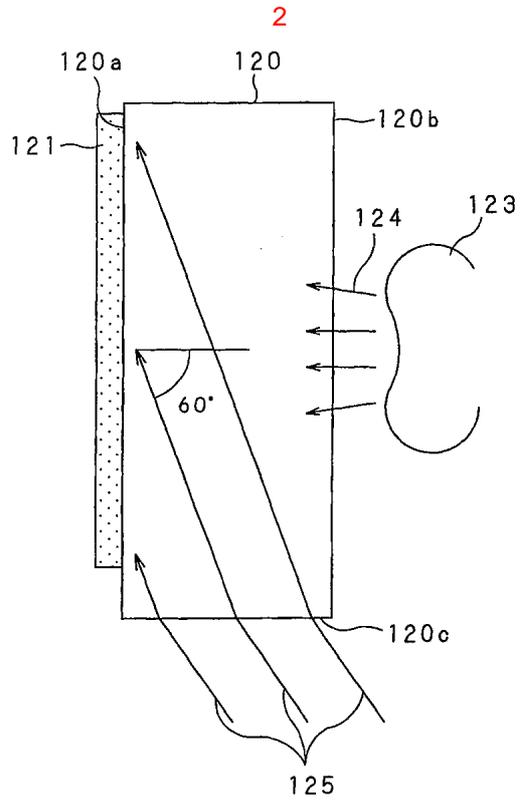
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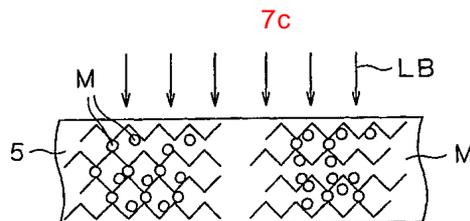
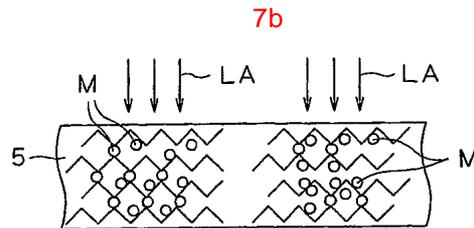
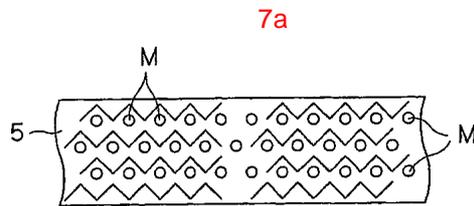
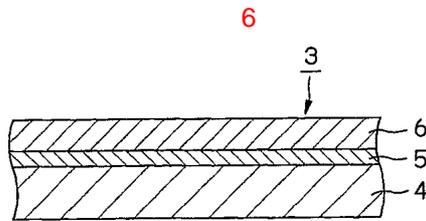
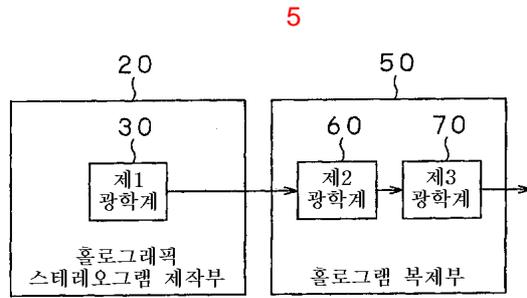
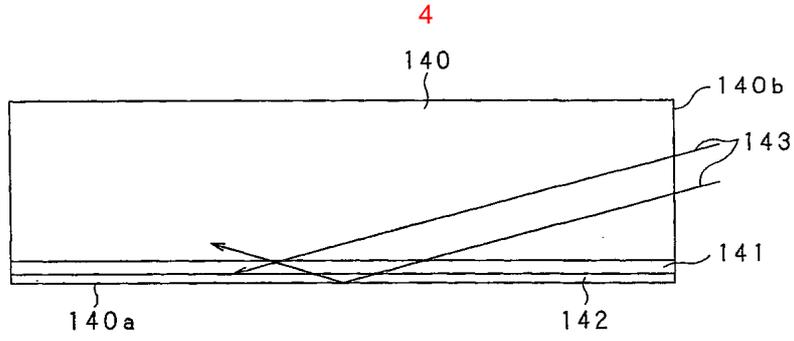
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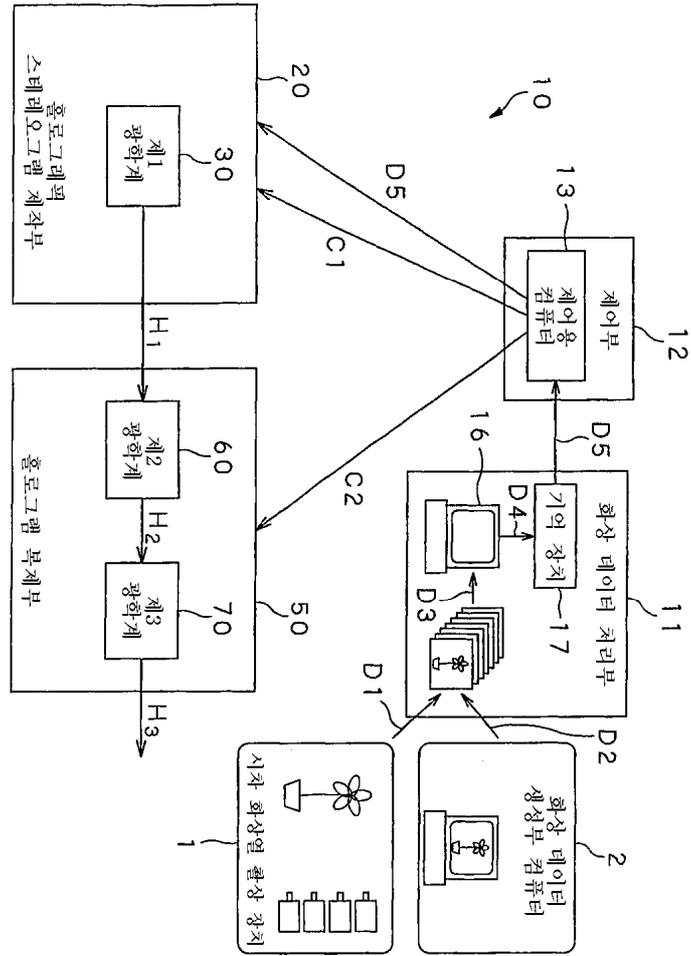
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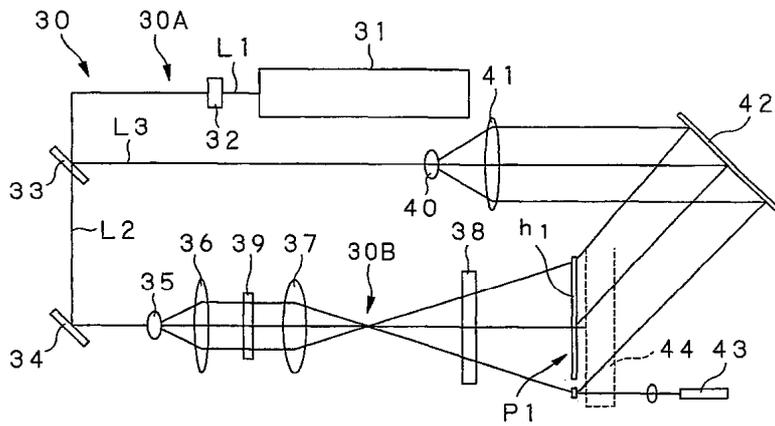




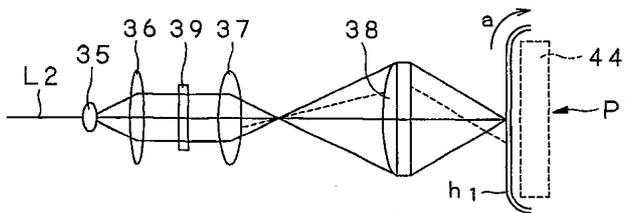
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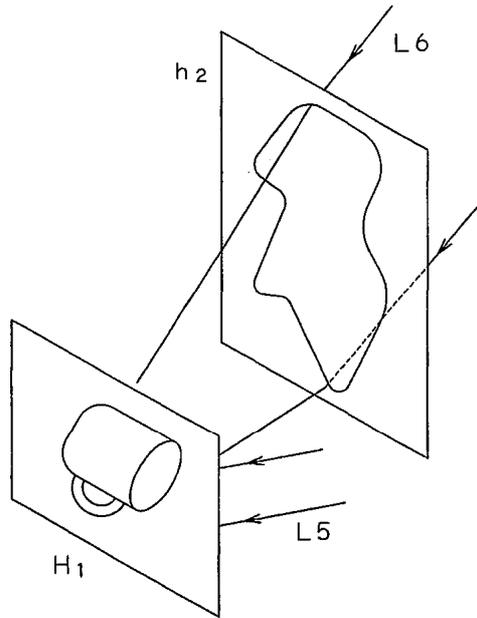
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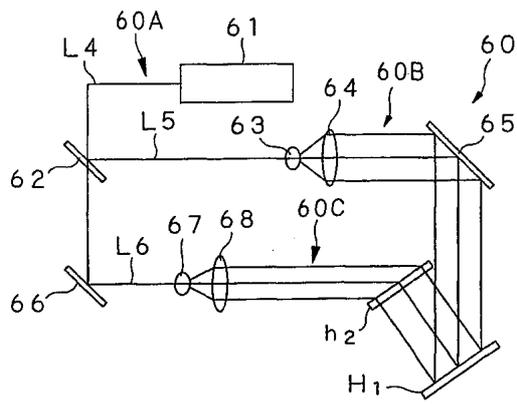
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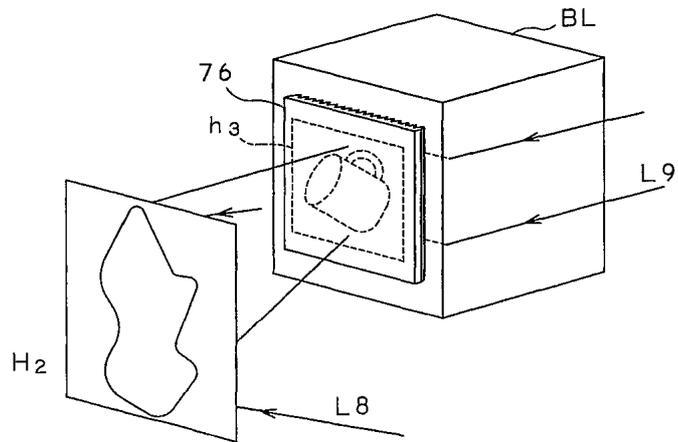
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