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(B1)(51) 。 Int. Cl.⁷
G03B 21/20(45)
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(24)2004 08 18
10-0445038
2004 08 10(21) 10-2001-0060357
(22) 2001 09 28(65)
(43)10-2002-0025787
2002 04 04

(30) JP-P-2000-00299639 2000 09 29 (JP)

(73) 가 가 2 4-1

(72) 가 3-3-5, 가 가

가 3-3-5, 가 가

(74)

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(54)

(301) (reflector)(412) , (412)
 (302) , (300) (302) (411)
 (340) , (1) (340) 1, 2 (350, 360)
 (411) , (411) (長壽命化) 가
 (1) (411) , (413)
 , (411)

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300 : 301 :
302 : 303 :
304 : 350 : 1
351 : 355 : 가
360 : 2 361 :
366 : 가 381 :
382 : 383 :
411 : 412 :
413 :

(projector) (光學像)
(reflector) (放射) 가

가 (高輝度化)가
(metal halide lamp)가
가

가 가

가
(長壽命化) 가

가

(2) , (23) , (21) (23) (21) ,
가 (22) (21, 22, 23)
가 (21) (211) (212) (211A) (212) (46) (24)
(丸孔開口)(211D)가 (211D) (drawing)가
가, (212) (211A) (211C)(3)가
, (21) (211) (46) (1) (2B)가
(22) , (2B) (2C) (穿設) (46)
1 (22A) 2 (22B) , 1 (22A) 3 (22
C) (interface 基板)(92) , 1 (22A) 3 (22C)
(22B) 3 (22C) (22E)가 가 (22D)가
(22A, 22B, 22C) (21) (23) (22B) (24)
가 1 (22A) (221A) 2 (22B) (221A)
가 ()가 2 (22B) (24A)
, (24) (22) (24A) (22)
(24A) , (240)가
, 2 (22B) (23) (21) (1) 가
(80) (22E) , 3 (22C) 가 , 2 (22B) (81) E (81) 2
(22B) , 3 (22C) 가 (81) (81)
, (81) , (22E) (81)가 (1) (22E) , (22E)
(22E) , (81) E ,
(23) , (231) (23)
(232)가 가
(23) , (231) (1)
(7)가 (231)
(6)(3)가 , (7)
가
, (23) (231) (235)가 가, (23) (231A)
(24) (丸孔開口)(232D)가
(24A), (2) (2B), (2C), (2A), (221B)
2 , (221B) (221F)
(3) 4 (2)
(101) (101)
(101) (4) (411)(5) (33)(4) (101)
(4) , 5 (1) (軸流) (70)
(411) (41), (42), (43), (44),
(cross dichroic prism)(45), (46)
[2.]
5 , (41) (44) 3 (441)[, ,
(441R, 441G, 441B)] ,

(413) , UV (418) , 1 (416) , (415) , (419) ,
 (424) .
 (41) (413) (411) (411)
 , (411) (412) 가 (411)
 , (412) (放物面鏡) ,
 1 (414) () .
 가 (414A)가 (matrix)
 (414A) (411) UV (418) ,
 (441) (aspect) ()
)가 4 : 3 , (414A) 4 : 3 .
 2 (416) 1 (414) 가 (416A)가
 2 (416) (419) , 2 (441) (結像)
 가
 1 (415) 2 (416) (419) 2 (416)
 1 (44) (415) 1 (419)
 (44) (441R, 441G, 441B) (441)
 (1)[(44)] , 1
 (random) (411) (半分)
 , (415) , (411) 1
 (44) (415) ,
 8-304739 .
 (42) 2 (421, 422) , (423) , (421, 422)
 (41) 3 가
 (43) (431), (433), (432, 434) , (42)
 , (441B) 가
 , (42) (421) (41)
 , (421) (423)
 (field lens)(417) (441R) (417) 2
 (416) () (441G)
 , 441B) (417) 가 .
 (421) , (422)
 (417) (441G) , (422)
 (43) 가 (417) (441B) ,
 (43)가 가 (431)
 (417) .
 (44) 3 (441R, 441G, 441B)
 (TFT) , 3 (441R, 441G, 441B)
 (45) 3 (441R, 441G, 441B)
 , 4 (45)
 3 . (45) (46)
 (41 45) , 4 6 , (shield) (91) (90)
 가 (47) (6) ,
 424, 431 434) (471) , (414 419, 421
 , 가 (47) (49)가 (49) (441R, 441G,
 441B) (45) , (46)가
 [3.]
 (413) 7 8 , (410) , (410) (300
) (1) (471) 가 (着脱可能)
 (410) (411) , (411) 가 (412)

(412) (301) , (301) (412) (412) (302)가 (302) (302)가 (303) (410) (340)가 (411)가 (300) (411) (412) (310) (310) 1 (320) 2 (330) , (302) (411) (340) (340) (1) (350) 2 (360) (410) (311) , (311) (310) (周緣) (313) (301) (313) (314)가 (314)가 (313) (313) (410) (412) (clip)(370) (410)가 (310) (311) 1 (350)가 (310) (312)가 1 (320) (310) , (311) (321) , (321) (310) (326) (321) (322) (321) 8 (323)가 (321) (324)가 (324) (321) (mesh) (325)가 (326) (326)가 (327)가 2 (326) , 8 (330) 1 (320) , 1 (320) (321) (被覆部)(331) , (321) (336) , 1 (320) (304) , 2 (330) (327) (332) (333) , (332) 2 (330) 1 (320) 가 (322) (330) 2 (330) 1 (320) (320) (322) (300) , 1 (320) 2 (330) (300) (340) (300) 가 (300) (300) (340) (340) (340) (300) 1 (350) (310) (310) (356) (312) (351) , (351) 가 가 (351) (351) (claw) (352)가 (310) (352) 1 (475)가 (353)가 (353) (310) (離間) (353) (351)가 (312) 가 (351)가 (312) , 2 (330) (332) (356) 가 (360) (310) (361) , (361) 가 가 (366) (361) (332) (362) , (333) 가 (336) (362) (364) , (310) T , 4 (363) , (366) (361) , 1 (320) (326) (327) 9 (364) (310) (361)가 1 (320) 2 (330) 가 가 (361)가 (364) (366) 가 (361)가

(413) , 10 (471) (413) (471) (着脫)가 (472) 가 , (46) .

0) , 10 (413) (310) (314) , 2 (33) (472) (310) (311) .

3) , (413) , (310) (314) , (410) (302)가 , (413) (413) , 1 (350) (35) 가 (47) (353) 1 (475)가 . (360) (36) (472) (473) , (413) (472) , 2 (476) , (473) (477)가 (320) 2 (330) (477) (413) (472) , 1 (474) (413) 가 (412) 가 .

A) , 1 (350) (413) (472) [(1)] , 11((475) , (300) (340) , (413) (472) [(1)] , 11(B) , (356) 가 (340) (360) (413) (472) [(1)] , 12(A) , 2 (476) , (300) (340) , (413) (472) [(1)] , 12(B) , (366) 가 (340) (413) , 1 (381) (350) , (381) [1 (350)] (382) , (382) (381)가 (413) , (340) , 1 (350) 2 (360) , (360) 10) (312) , 2 (360) .

(413) , , (2A) (221B) (1) , (413) (472) (411) 가 , (474) , (390) (473) (1) .

가 . 가 (303) (302) , (412) , 가 , (發熱源) (411) (412) , 가 , (300) (411) (302) (411) (340) , 가 , (411) (340) 1, 2 (350, 360) 가 , (300) , (1) (411) (340) 1, 2 (350, 360)가 (340) , (1) (411) , (413) 가 , (1) (302)가 (413) (破片) , (413) 가 (411) (350, 360) (351, 361) (356, 366) , (413) , 1, 2 (300) (340) 가 , (300) 가 , 1 (320) 2 (330) , (300) , (300) (340) , 가 (413) 가 .

, (300) (302) 가 , (411) ,
 , (300) (302) 가 ,
 , (413) 가 ,
 가, (413)가 (1) , (413) (413) (381) (413)
 (1) (413) 가 ,
 , (381) (382) (413) (381) (340) 가 ,
 , (413) 가 ,
 , 14 (383) , (390) 가
 , (340) , (340)
 , (340) , 2 (350) 1 (360) , 1 (350)
 가, 가 ,
 , 1 (320) (300) 가 ,
 , 1, 2 ,
 가, 2 (360) , 1
 (350) , 2 (360) ,
 가, (412) 가 ,
 (303) ,
 , (單板式), (二板式),

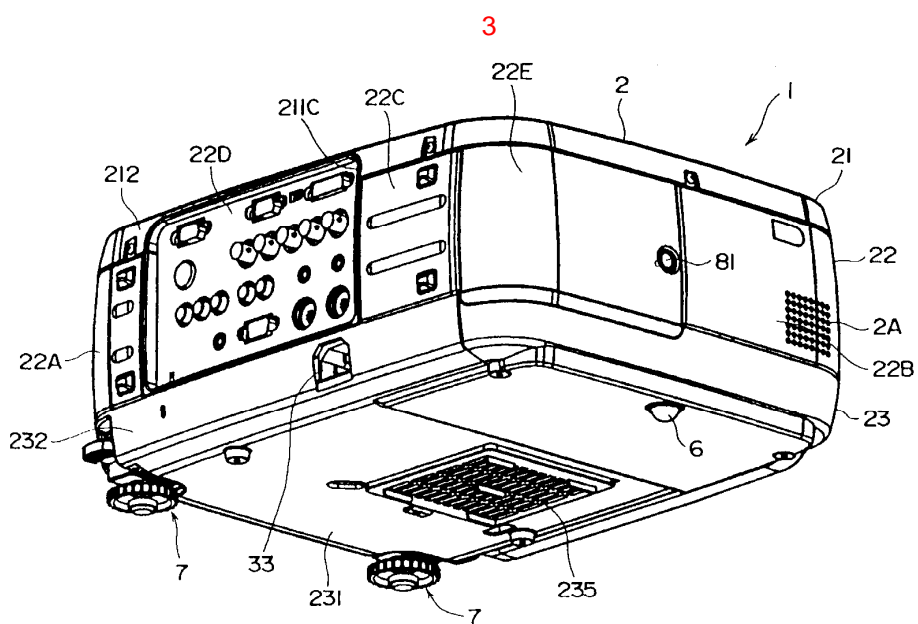
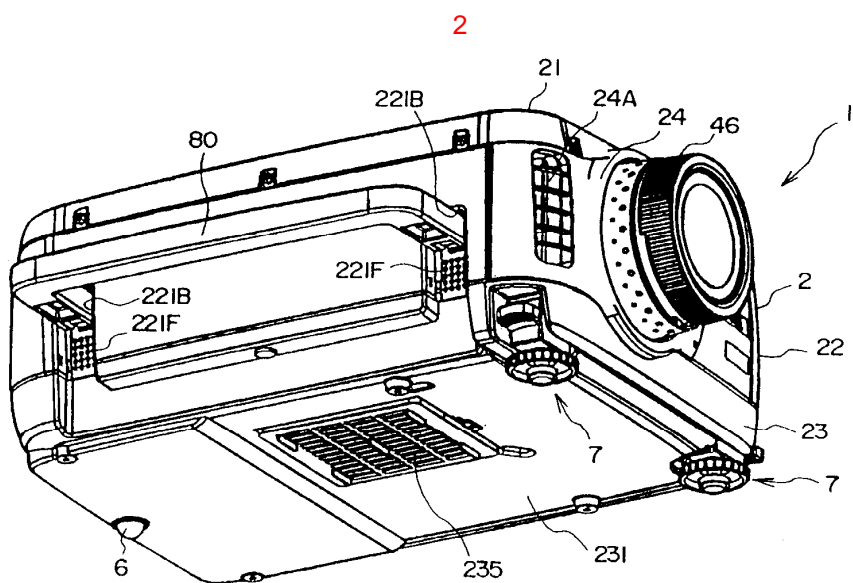
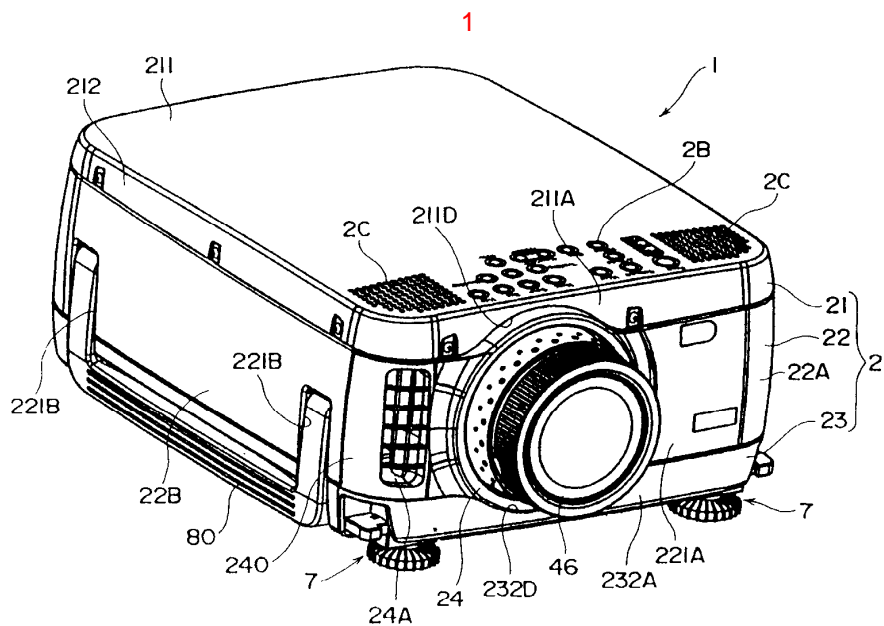
(57)

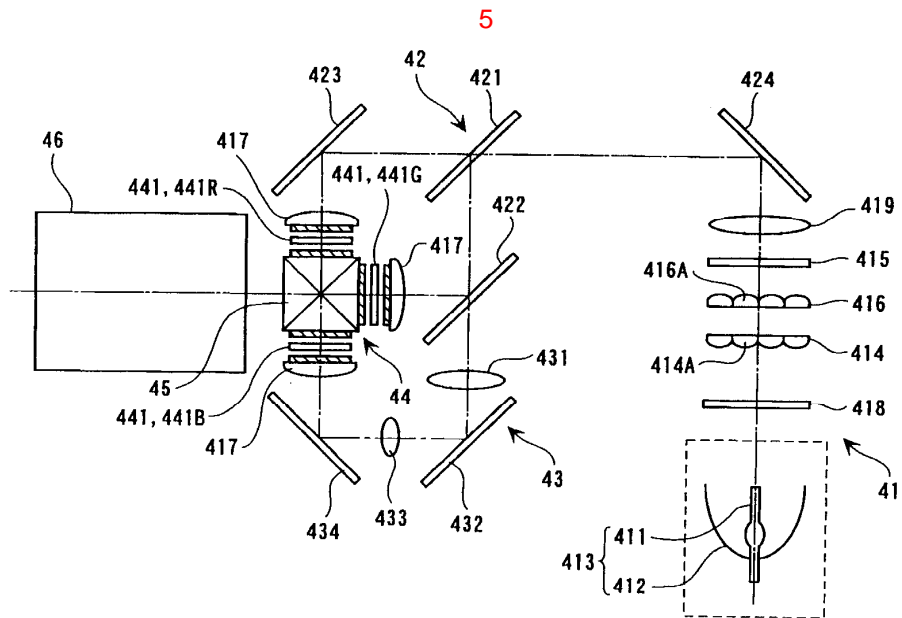
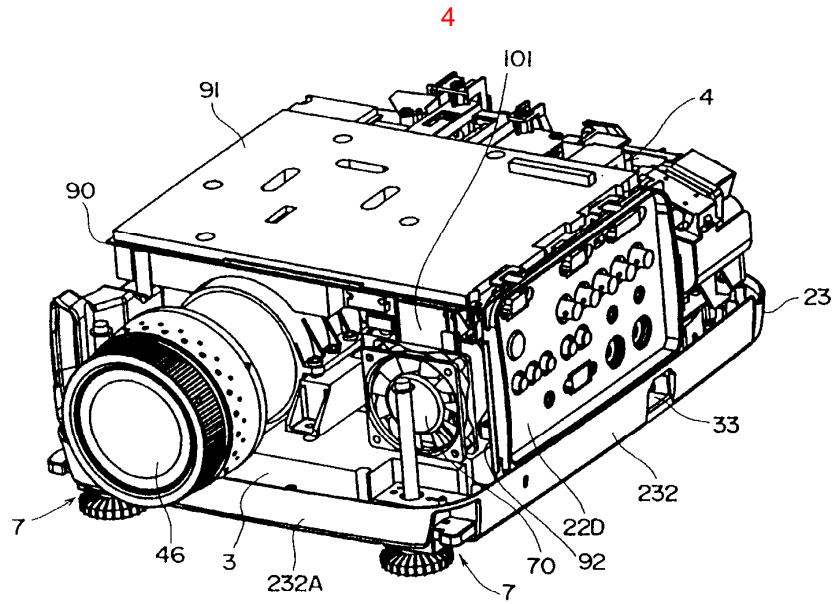
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2.

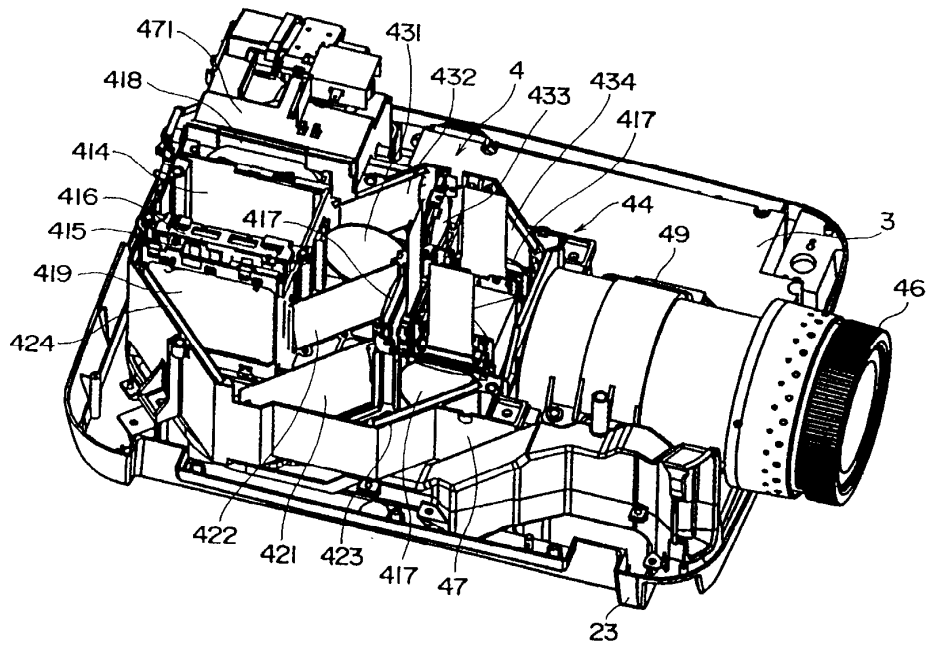
3.

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8	17.	,					
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1	18.	,					
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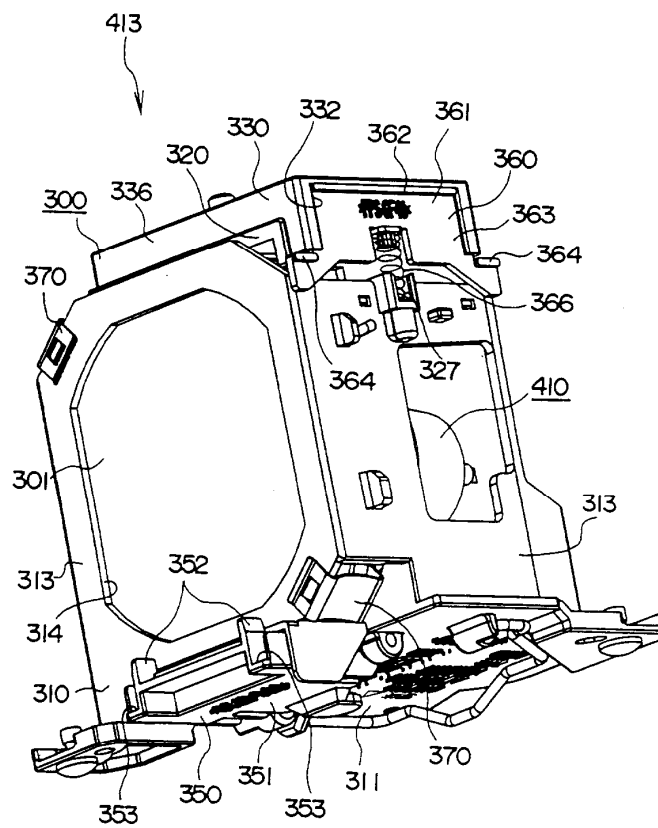


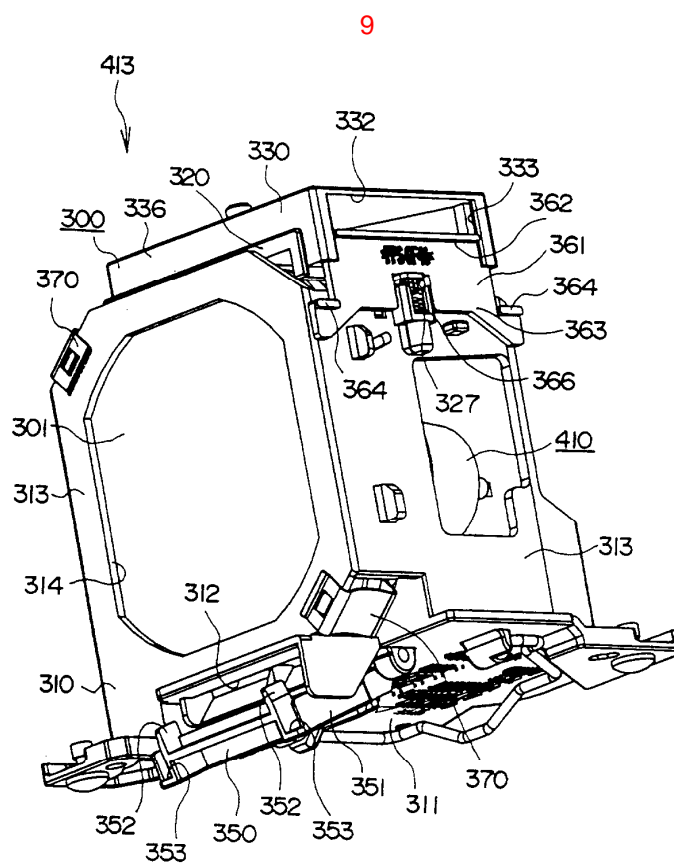
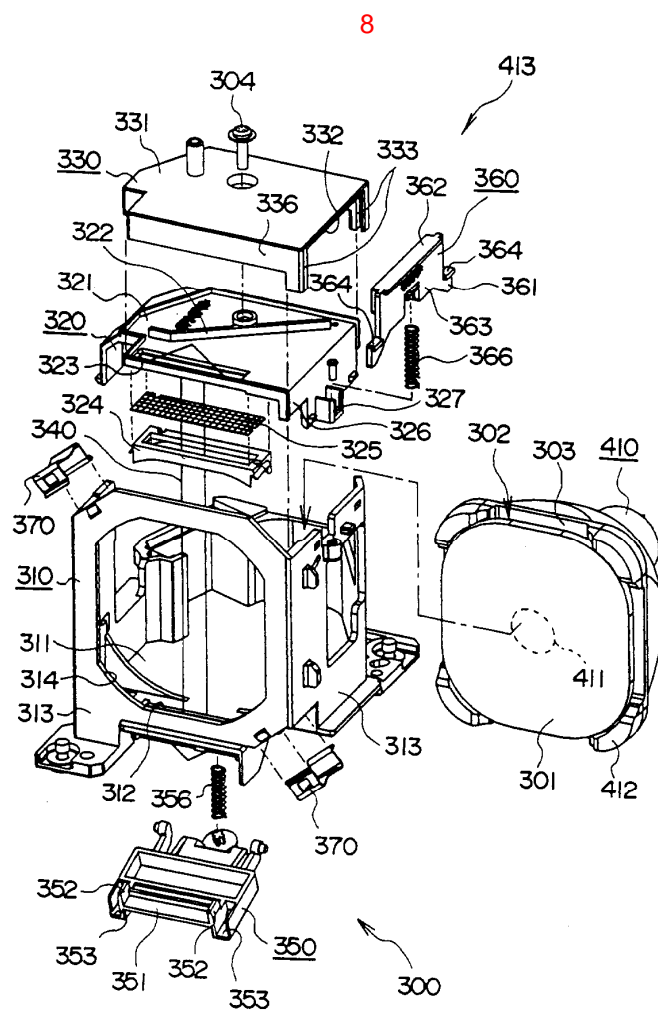


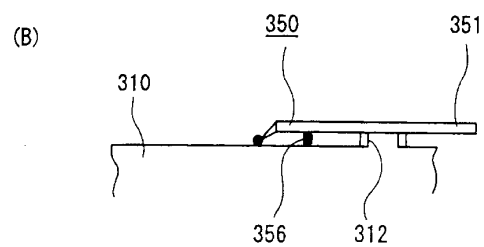
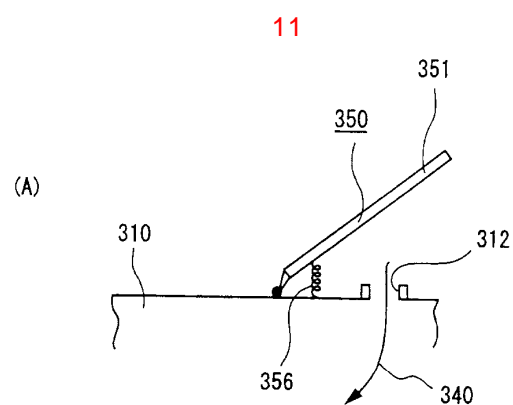
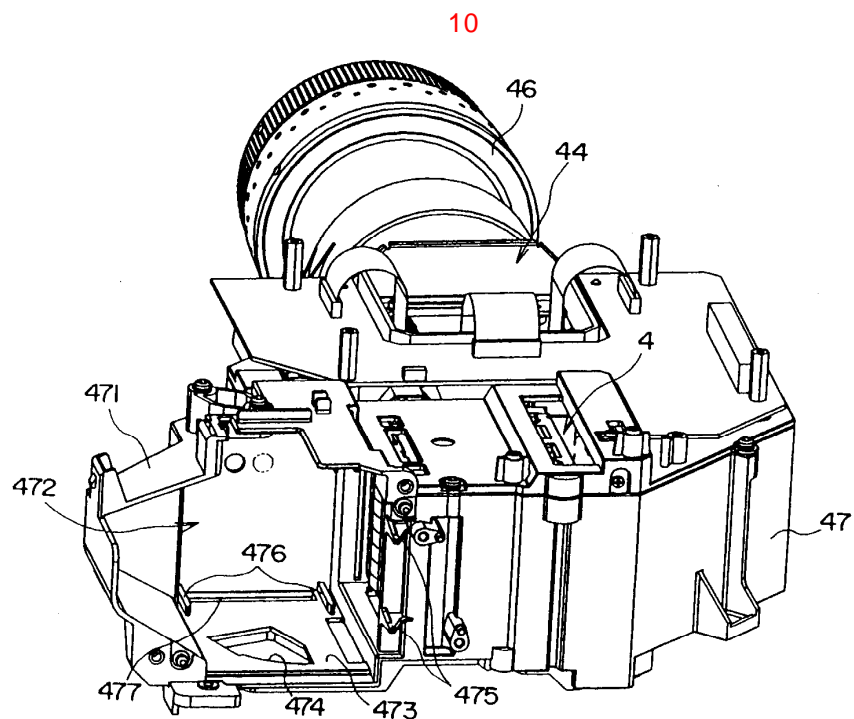
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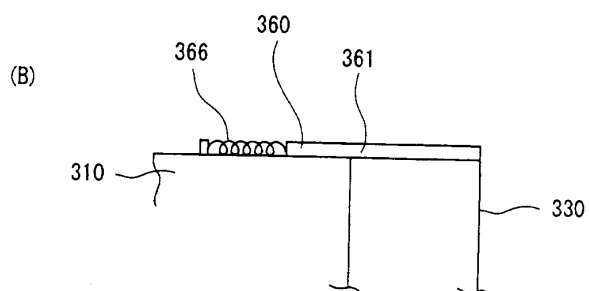
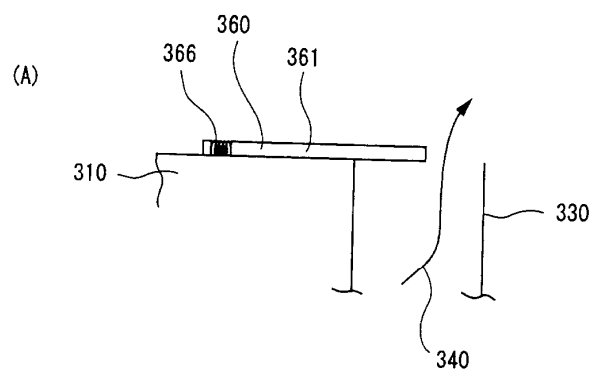
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