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2003 05 14

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(73) 가 가 2 4-1

(72) 가 3 3-5 가 가

가 3 3-5 가 가

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가 :

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가

, (200)
(202) , (203)
(203) , (204) (203)

1 1 ,
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 3 , 2 가
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 12 11 XII-XII ,
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 15 ,
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 19 ,
 20 2 , .

1 : 30 :
 31 : 32 :
 32B4 : 32C :
 33 : 33A :
 46 : 50 :
 200 : 202 :

203 : 203A1 :
 203B : 203B2 :
 204 : 210 : 1
 220 : 2 401A :

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2001-94905

2002-107663

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[1-1.]

1 (1) 2 (1)
3 (1) 4 (1) 5 (1) (14)가
1 (1) 5

(1) 1 5 , , (10) , (10)
 , (20) , (10) , (40) , (10)
 (30)(5) , (10) (50) .
 (10), (40), (30) (50) 가 .
 , , , .
 (10) (40) (30) , 2 3 U
 , (40) , , (14) , (13)
 (13) , (12)
 (13) (50) , (12)
 (50) .
 , (14) (13) 가 .
 (13) 4 (131) (132) , (133) , (134)
 .
 4 가 , (13) , (131) , (40)
 L) (131A)가 , (131A)
 (131R, 131L)가 (131R, 131L)
 (60)(60R, 60L)가 (60R, 60L) (131R, 131
 가 .
 , (131L)
 가 , ,
 , (13) , 3 , (132)
 (132L) , 가
 (132R) .
 (133) (12) , (134)
 (20) .
 (14) 3 (141) (142) .
 (14) , (141) () 2 (1
 41A)가 . 2 (141A) (143)가 (143)가 2
 (141A) , (141A) (144)가 가 (141)
 2 (141A) () (145) 가 .
 , (141) () , (141) , (80)
 .
 (12) , 2 5 , (30) ,
 (15) , (15) (16) ,
 , (17) , (18) (18)
 (18A) (18) , (18A)가 (18)
 (50) .
 6 (1) (13) (20) .

(20) , 3, 4 6 , , (13) (134) , (13) (131)
(21) , (22) (21) , (21)
(21) , (22)
(22) , 4 , (1)가 ,
(22A)가 (22) (20)
(22) (22A)가 (22) (22B) (21)
(22B)가 (22B) (21)
6 (21) 가 (13)
(132) 3 (93) (132) (93)가 ,
(132) 2 (92) 2 (92)
(132L) (135)
4 (94) 4 (94)
7
(40) , (20) (21) ,
가 ,
8 (1) (50)
(30) (12) (17) (17)
(31)가 (12) (17) (31) (30) (30)
(30)
(50) , 1 (400) (30)
(51) (51) (51)
(51) (52)
, 2 (12) (12) (16) (70)가
(70) (50) (70)
(18) (52) , 1 (51) (12) (12)
(70)

[1-2.]

(40) , 7 (400) , (400) (400)
(307)() (300) , (400) (300)
(201)

11) (400) , 7 , L (411) (401) , (4) (201)
 , (401) , (200)
 (401) , , 7 , (411) ,
 (401A) (401A) ,)
 (402) .
 (402) CPU , (401A) , (401A)
 .
 (402) , (403) , (402)
 (401A) , (200) .
 (300) , 7 , (411) 1
 (301) , (205) 2 (302)
 1 (301) 1 (303) , 1 (303) () (304)
 .
 1 (303) (145) ,
 (304) (402) .
 (304) (401A) 1 (303)
 , (304) ,
 .
 1 (303) 가 , (304) 1 (301) ,
 (305) , 1 (303) (304)
 .
 (301)가 (305) , (521) , 1
 , (301) (305)
 .
 2 (302) 2 (306) () (307)
 .
 2 (306) (145) ,
 (307) .
 (307) 2 (306) ,
 , 8 , (307)
) , .
 (201) (20) (21) , (40) ,
 .
 7 , , (205) , 1 (301) (205) (20)
 1) 2 (302) , , 1 (301) (401) (411)
 411) 2 (302) . (301) (301) (411)
) 2 (302) .
 , (201) , (20) (21)
 , , (201)가 , (13)

(40) 가 .

[1-3.]

9 (401A)

10 (401A)

(401A) , 10

(41) , (42) , (43) , (44) , (48) ,
(46) .

1 (41) (44) 3 (441)[, , (411) ,
(441R, 441G, 441B)] (412) , 2 (413) , (414) , (415)

(411) (416) , (417) , (416)
(417)

(416) . , ,

(417) . , ,

1 (412) 가

(416) (441) (가)가 4:3 ,
, 4:3 .

2 (413) 1 (412) 가
(413) (415) , 1 (412)
(441)

(414) 2 (413) (415) , 2 (413)
(414) 2 (413) 1
(44)

(414) 1 (415)
(44) (441) , (441)
(1) , 1 (414) , (416)
1 , (44) (416)

(414) , 1996-304739 .

(42) 2 (421, 422) (423) , (421, 422)
(41) (R), (G), (B) 3

) (43) (431) , (433) , (432, 434) , (42)
(441R)

(42) (421) , (41)
(423) , (418) (441B) (421) (418) 2

(413) () (44
1G, 441B) (418) .

(421) (422)
(418) (441G) (422)
(43) (418) (441R) .

(43)가 가
(418) (431)

(44) (42)
3 (442) (442)
(441R, 441G, 441B) (441R, 441G, 441B) (443) ,
(444)

(441R, 441G, 441B) , (TFT)

(44) (42) 3 (441R, 441G, 441B),
(442) (443) ,

(442) (42) ,

(443) (442) (441)(441R, 441G, 441B)

(442) (443)

(444) (443) ,

(444) , 4
X 3

(441), (443) (444) ,
(45) (442) 가 (47)

(444) (45) (444) ,
(443) (444) 4
(441)(441R, 441G, 441B) (441)
가

(48) (44) (444)
(444) (46) ,

(46) (48) (30)
(46) (200)

7 (46) (49A)가
(49A) (12) (15) 가

(41 ~ 44, 48) , 9 가 (

47)

가 (47) , 9 , 가 (41)
2 ~ 415, 418, 421 ~ 423, 431 ~ 434, 442)(10) 가 (47)
가 (471) , 가 (471) 가 (47)
2)

(401A) 가 (471) (471A)(9) (40)
(200) , (50) ,
1A)

[1-4. ()]

11 (1) . 12 11 XII-XII .
(1) , 7, 11 12 (40) ()
400, 200, 301, 302) , (10) (500)가 (500) ()
(40) (13)

(500) , 11 12 (132L) (13)
(13) (400, 200, 301, 302) , (132R)
(13) (50) 가 .

(500) (511) , (512) , (513) ,
(514)

(500) , 11 12 (522) , (522, 523) (132L)
(402) , 가 (523) (511)
irocco fan) , 2 4 (92 ~ 94) , (512) (524)(s)
(44) (44)

(513) (205) 1 (91)가

11 2 (525, 526)
가 (47) (513) ,
1 (91) (132R)

(301) 2 (302) , (521) (132R) , (514) 1

1 2 가 (411) ,
(91) , 2 (302)

[1-5.]

(401A)
13 (200)
(200) (401A) (30) , (50)
(401A) (200) (40) (201)
) (202) , (202) (202)
가 (203) , (203)
(204)

(202) , (203) (204)
(200) , (202) (401A)
F
(202A) ,
(202B)
(202A) ,
(401A) 가
(401A) (202A) (202) (202A) (202A)
(202B) (401A)
(202A)
(401A) (202A)
(202A)
(203) (401A) (203) (203A) ,
(203) (203A) (202) (202) (203) (203B) ,
(203B) (204) (203C)
14 , (203) 가
(203B) (203B2) (203)
(203A) (203A) (203B) (203B2) (203A1)가
(203C) (203C1) (203C2) (203C1) , (203C)
(203C1) (203B) 가 (203B) (203B)
(203B) (203C)가 (203B) (2)
(203C2) 가 (203C) (203B)
(401A) (50) 가
(202) (203) , 4 F
(401A) (203) (203B1) (2)
(203B) (203C) (203)
(204) (203B) (202) (203C) 4 (203)
(401A) (401A)가 (204)
(401A) (50)
, 4 (203) 1 , 3
(203) (203) 1 가 가 (203C)가 ,
(203A) (203B2) (203A1) (203B2) (203B2)가

(401A) (50)

(204) , 13 (401A)

(204) (401A)가 (204A) , (20

4A) (204A) (204B) (203) (204C) (204B) , (20

(204A) (401A) , L (401A)

(204A) (204A) (204B) ,

(204B) (204A1) , (204A1)

(401A) (204A) (204A2) (204A)

(204A3)가 (204A3)가

(401A) 4 (94)가 ,

(401A) 가 (471) (471A)(9)

(204A) () (401A) (204A)가

(204A) 가 (401A) (

46)가 (204A) (204B)

(204A1) (204A) , (204A)

(204A) (204A1) (204B) (204B)가

(204A1) (204A) 가 (401A) (46)

(204A2) (204A) (204A1)

(204B) (204A)

(204A) (204B) (204A) (204)

A2) (204A) (204B) (204A1) , (204

(204A) (204B) (204B)

(204B) (204A) (204A)

(204A) (204A) (204A2)

가 (204A) (204A3)

(204C) ,

(204B) (203) (203C)가 ,

(203C) (204B) 가

(204C) (204B) (204A) (204C)

(204B) (204A) , (46) , (

411)

, 15 (204C) 가

(204C) (204B) (204A) 가

(204C2) , (204C1) 가 (204C2) (204C1) , (204A)

(204C3)

, (204C1) 가 (204C2) (401A) ,
 (204B) (204A) 가 (204C2) (204B)
 (204B1)

(204C1) (401A)
 (204C4)

(204C4) (204C3)가 (204C5) (2
 04C3)

가 (204C2) (204C1) (401A)
 (204C6)

(204C6) (204C3) (2
 04C3)가

(204C3) (204C3) (204C1) (204C4)
 (204C1)

(204C3) (204C3) (204C1) 가
 (204C7)가

가 (204C3) (204C1)

(401A) (204) (204C1)
 (204C3) (204C3) 가 (204C
 2) 가 (204C2) (204C3)
 (204A)가 (204A1) (204B) (401A)
 (401A) (204A) (204B) (401A)

(200) (401A) (40) (201)
 가

[1-6.]

(30)

(30) (401A) (50) (30)
 (12) (17) (31)

(30) (31) 8 (401A) (46)(7)
 (30) (50) (30) (32) (30)
 31) (33) (30) (34)

16 (32) 가

17 (32) 가

(32) , 16 (30)
 가 (32) (12) (17) (32A) ,
 (32A) (30) (32B)

(32A) L (32A1) (12) (17) (32B) (32A2)

) (32B) (32A2) (32B) (32A2) (32A) (32B)가

(32B) (32B1) (32B1) 2 (32B2)

F (32B1) (32A) (32A2) (32B3)

, 17 (30) (32B1) 2 (32B2) (30) 가

, (30) (32B4)

2 가 (32B2) (32B2) (32C)가 (30) (30)

가 (32B2) (32C) (30)

32B) (32B3) (32) 가 (30) (32A) (32A2) (30) (32A) (32A2) (32B)

(30) (32A) (32B) (30)

가 (32B2) (30)

, (30) (32C) (30) (32C) (30)

(32 B2) (32B1) 가 (30) 가 (32B2) (32C)

30) (32) , 8 (30) 3 (30)

, 가 (32)가 (30) 3 , 1 2

18 (33) (30) 가

2) (33) (30) (30) (17A) (30) (1

, 18 ,

(33) Z (17A)

(30)가

, (33) (30) (33A)가 (33)

(33A)가 (30) (32) (30)

(33A) (30)

(33) , 8 , 2 (30)

, (33) 2 , 1
 .
 19 (34) (30) 가 .
 (34) (32) (30) , (30)
 . 1 (34) (12) (17) (30) , (30)
 (34A) , 1 (17B) , (17B) (30) 가 (30) 가
 2 (17C) . , (30)
 1 (17B) , (30) 가 .
 가 (34A) , 1 ()
 17B) 가 (17B) , 가 1 (34A) Z ,
 가 1 (17B) 가
 2 (17C) , (30) , (30) (30)
 1 (17B) 가 , (30)
 (34B)가 . (34B) 1 (17B)
 , (34B) , (30) 가 , (30)
 가 (34B) 1 (17B)
 가
 [1-7. 1]
 , 가 .
 (1) (200) , (200)가 (202), (203)
 (204) , 3
 , 가 ,
 (1) (10) (10) 가 , (200)
 (401A) , .
 (2) (401A)가 (1) , (1) .
 (3) (202)가 (202A) , (202A) (202B)
 , (202) (401A) (202B)
 , (401A) , (401A)
 , (401A) , (401A)
 가 .
 (4) (204)가 (204A), (204B) (204C) , (204A1)
 (204A) (204A1) (204A2) (204B)가 ,
 (204B) (401A)
 , .
 (5) (204)가 (204A) (204B) 2 ,
 (202) , (204B) (204A)가 ,

(401A) , (401A) , (401A)
 가 , (401A) ,

(6) (204A) (204B) (204A1)가 (401A) (204A)가 (401A) , (401A)
 , (401A) , (401A) 가

(7) (204A) (204B)가 (204C) (204B) , (204C)
 (204C3) (204A)

(8) (401A) (204C) , (401A)

(9) (203) (203A), (203B) (203C) , (203B)
 (202) (204) (204B) (203C) (203B)
 (203C) (202) (203C) (204B) (401A)
 (203B) (203C)

(10) (203) (203B) 가 (203B2) ,
 (203B2)가 (203B2) (203) 1 (203A1) (203A)
 , 4 (203B2) (203A) (203) , (401A)
 (203B) (401A)

(11) (200) (201) , (401A) (200)
 , (401A) (401A)

(12) (31) (32) , (32) (32B)
 (32A) (30) , (30)

, (1) (10) (10) 가 ,
 , (32) (30) ,

(13) (30)가 (401A)
 , (30) ,
 (1) ,

(14) (32) (32B) (32B1) (32B1) 2
 (32B2) , (30)가 2 (32B2) (30) (3)
 2B1) (32B4) (32B) (32B) (32A) ,
 (30) (32B) (32B1)가 (30) 가
 , (32) (30) (30) , (30)

(15) 가 , (32) (32B) (32C)가 (30) , (32B2) (32C) (30) (32B2) (30) , (30) (30) , (30) (30) .

(16) (30) , (32B2) 가 , (32C)가 (30) , (32B2) (32C)가 , (32B) , (30) . (30) , (30) , (30) .

(17) 가 (31) (30) , (33) (33) , (30) (30) , (30) (30) .

(18) (32) (33) (30) , (33A) (33A)가 (30) , (30) (30) , (33A)가 (30) 가 , (30) . (33) , (30) .

(19) (17B) (34) 1 (17B) 2 (17C) 가 (34A) , 1 (32) (30) , (30) (30) (30) .

(20) 2 (17C) (30) (34B)가 (30) (30) (30) . 가 , (34B) (34B) 가 (30) (30) . (30) 1 (17B) 가 (30) .

[2]

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1 (200) , (201) (201) (10) , (20) (21) (401A) (200) . 2 , (200) (201) (10) (20) (21) (401A) (200) .

[2-1.]

20 2 (201), (200) 1 (401 (201)) , (200) , 20 , 20 (201) (1) (200) (401 (201) (401) (46) (201) , (201) .

(201) , , , (13) (132)
 (132) (201)
 (13) (201) 4 (200)
 1 (210)가 1 (210) (20) (21)
 (210A)가
 (201) (401A)가 (200) (201A)가 20
 (401A) (46)가 (201A)
 (201) 가
 (200) (201) (203) (204)
 (204) , 1 (204A) (204B) (204C)
 1 (204B) (204A) 2 (204A2) (201)
 (210) (220)가 2
 (201) (20) (204B) (21) 4 1 2 가
 (204) (401A) 1
 210) (203) (201) 1 (204B) (
 2 (210A) (220) (220A)
 (203) (201) 1 (210)
 (204B) 2 (220) (204A) (203)가 1
 (210) 2 (204A) (204A2)
 (203)가 (201)
 (204)
 (203) 1 (203B1)가
 (200) (401A)
 (203) (203B1) (203) 1 (210) 2
 (220) (201) (204)
 (203B1) 20 (A) (201)
 (204) (203) 1 (210)
 2 (220) (201) (204)
 가 (203B1) 20 (B) (201)
 (201) (204) 가 (4) (401A) (203)
 (204) (50)

, 4 (203) 1 (203) 1 (201) 3 (204B) 가
 . , (204B) (50) 가 .
 210) 2 (220) (203) 1 (204B) (401A)
 (203) (201) (203) (204B) 0.5 1.0
 .
 , (201), (200) , 1 ,
 1
 [2-2. 2]
 가 2 , (1), (2), (4) (8), (12) (20) ,
 .
 (21) (401) (300) (201) (204) (204)
 (13) , (201) (201) (204) (50)
 , (201) (401) (300) (204)가 (500)
 (50) (204) 가 , (12)
 (22) (201)
 (200) (201) (203)
 (203B1) , (200) (401A)
 (23) (201) (204B) 1 (210) 2 (210) 2 (220) (220)
 가 , (203) 1 (210) 2 (204) (204)
 (201) (204)
 [3.]
 , ,
 , 1 (203) (204)가 (200) (202) , ,
 가 .
 C) , 1 , (203) (203A) , (203B) , (203)
 , 2 , (203C) , (203A) (204) , (203C) 2
 B) 2 (202) , (203B) (203A) , (203)
 (203C) (203)
 , 1 (203A) (204B) (203A) (203C) (202) .
 (200) (203)
 , 1 (203) (204) (401A) , (203) (202),
 .
 2 , (200) (203) (204)
 , 1 , (202)

(204B) (203) ,

2 , 1 (203C) , (203)
(401A)

2 , (203) , (201)
(204B)

(10)[(13)] (201)
(10)[(13)] (134), (132) (133)
(200) (134), (132) (133)
(1)

3 , 2 , 4 ,
가 .

가 .

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1 3. ,

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1 4. ,

가

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4 5. ,

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가

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가

가

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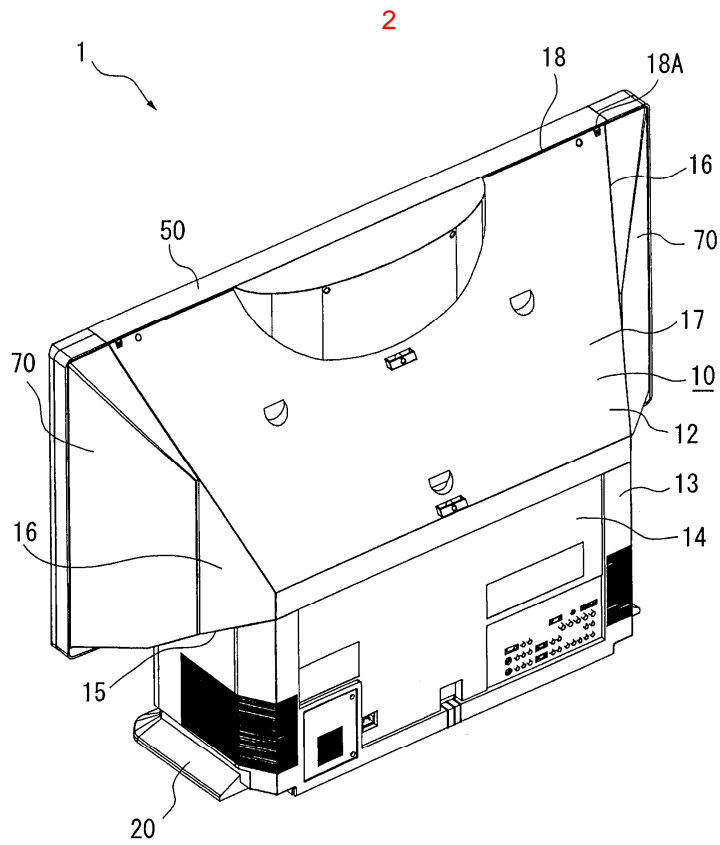
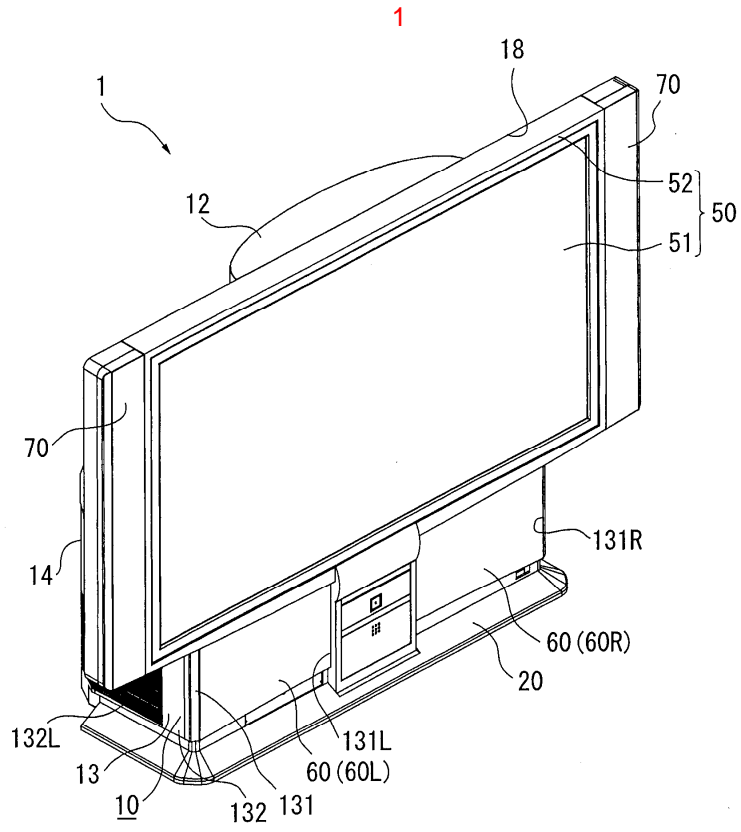
10

가

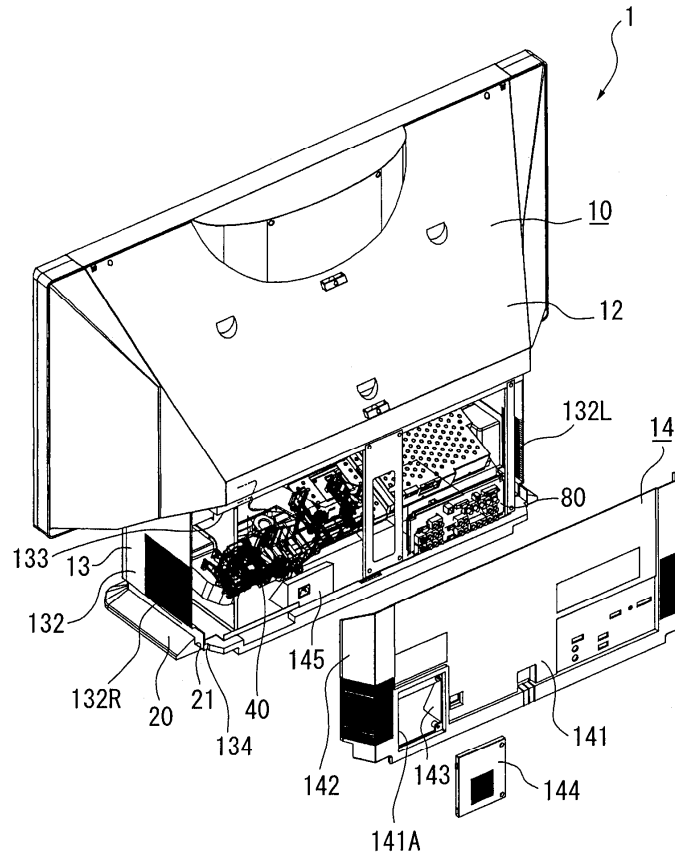
13.

10

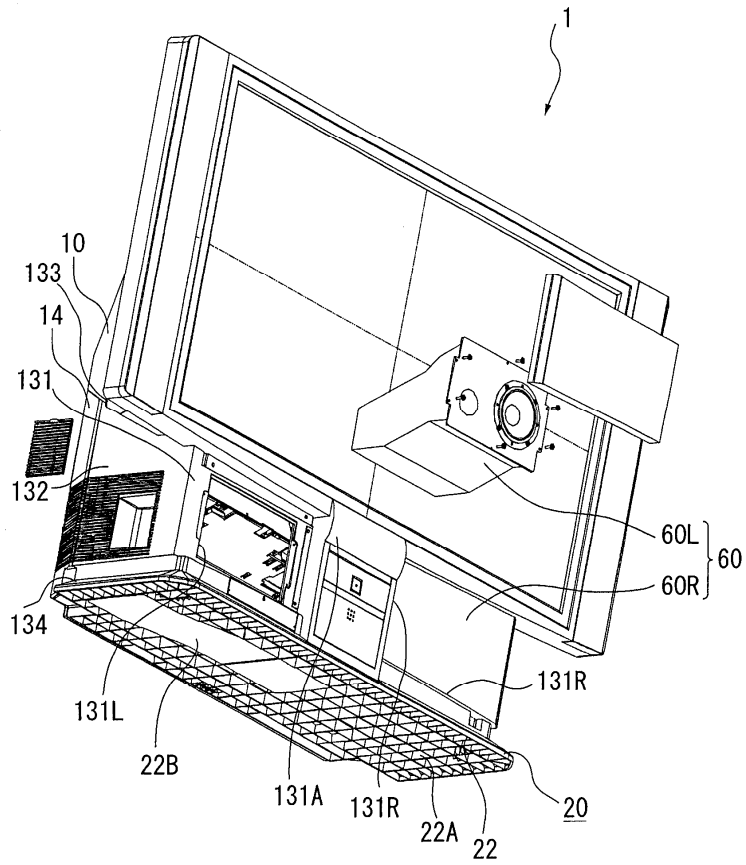
가

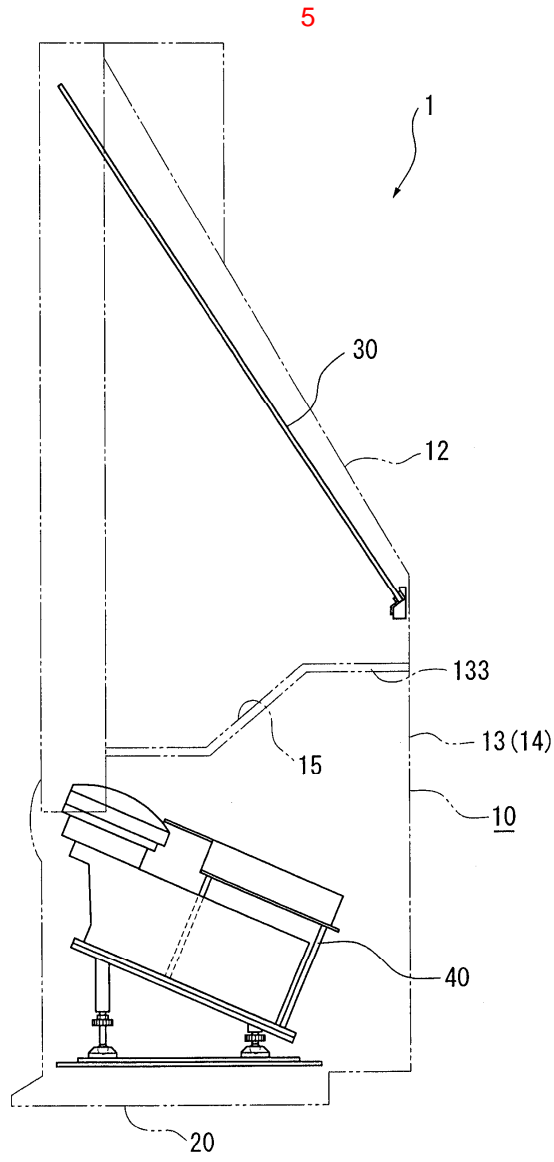


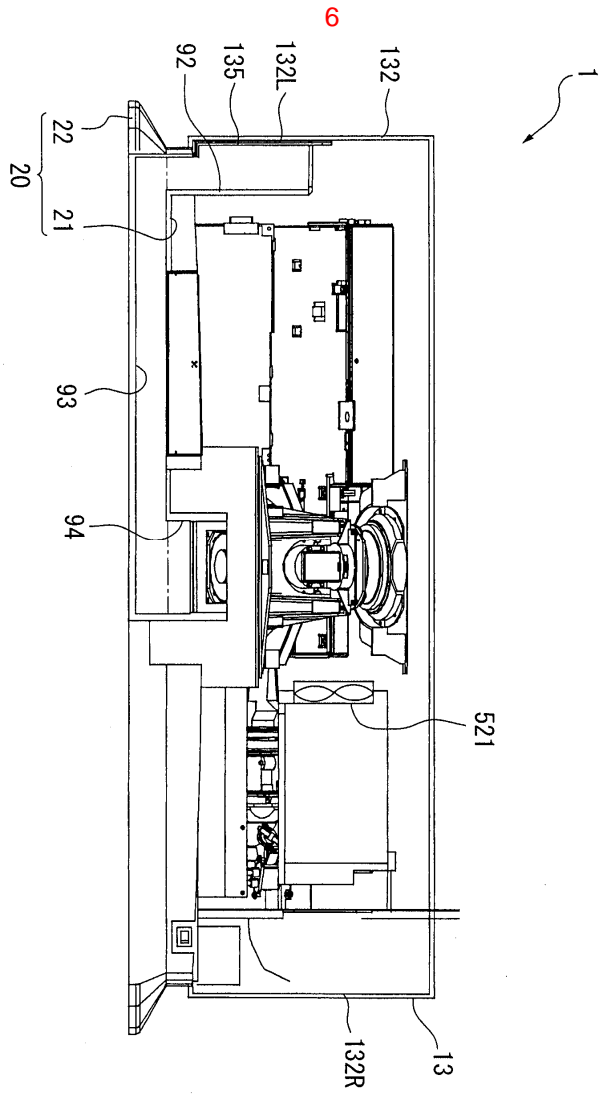
3

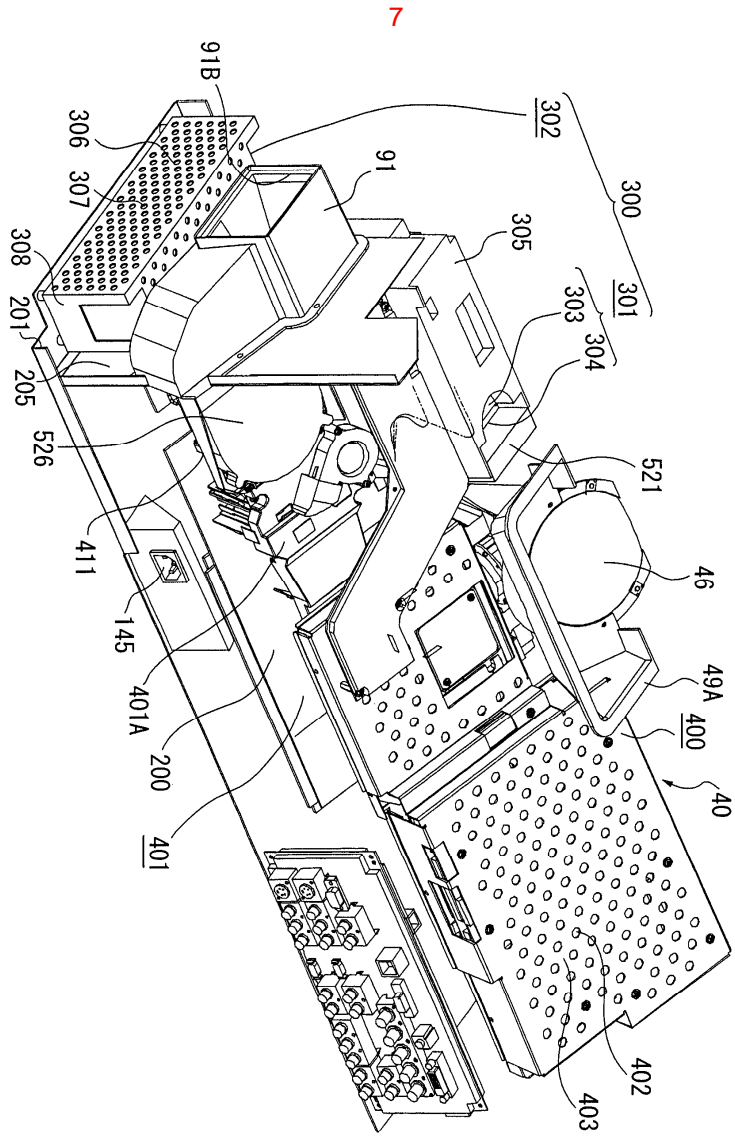


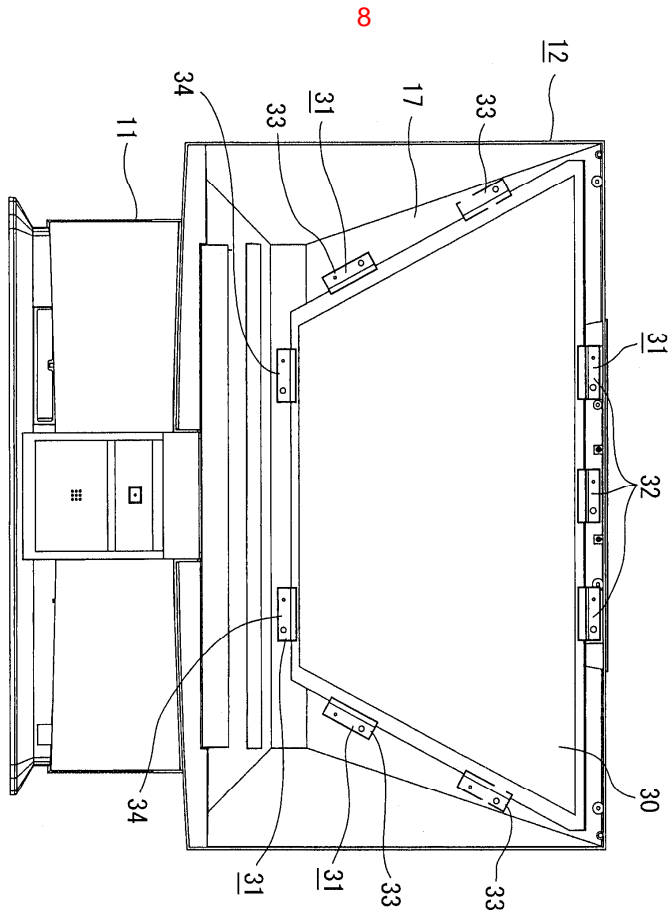
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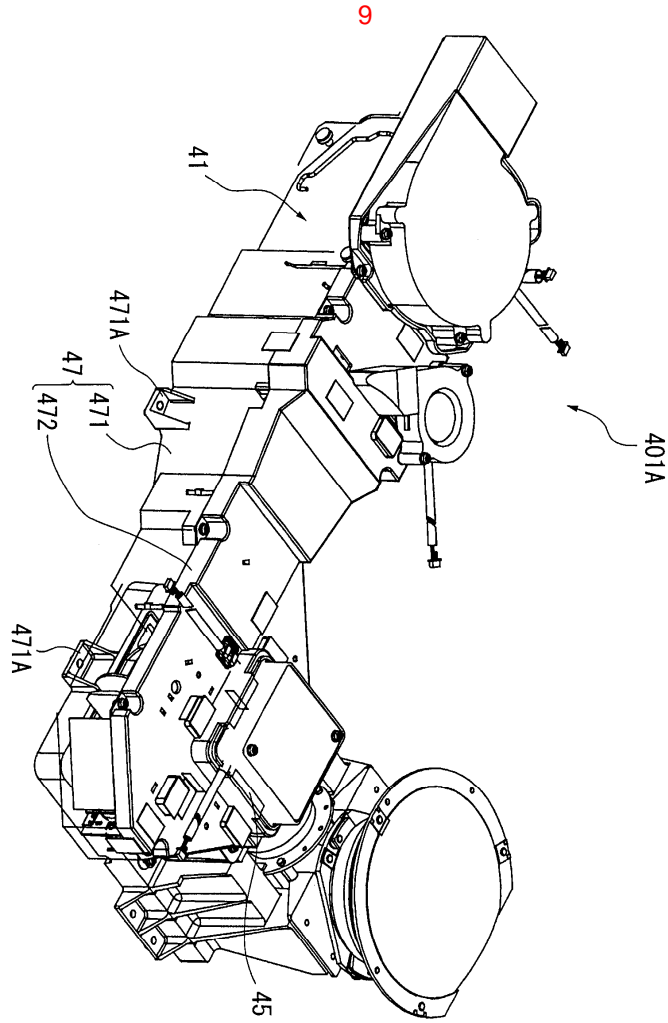




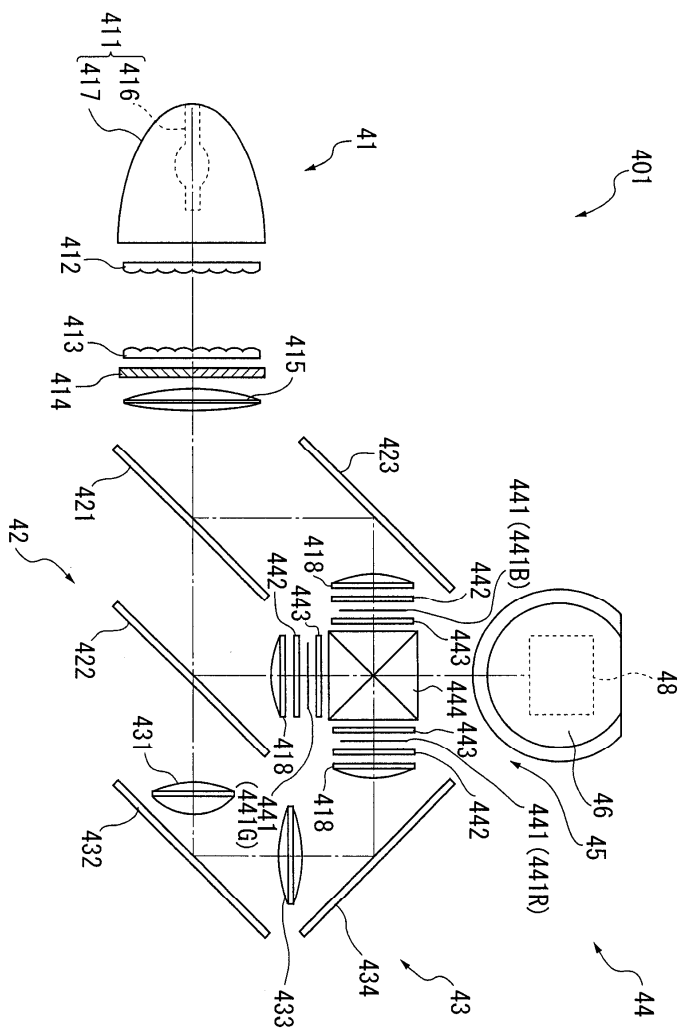


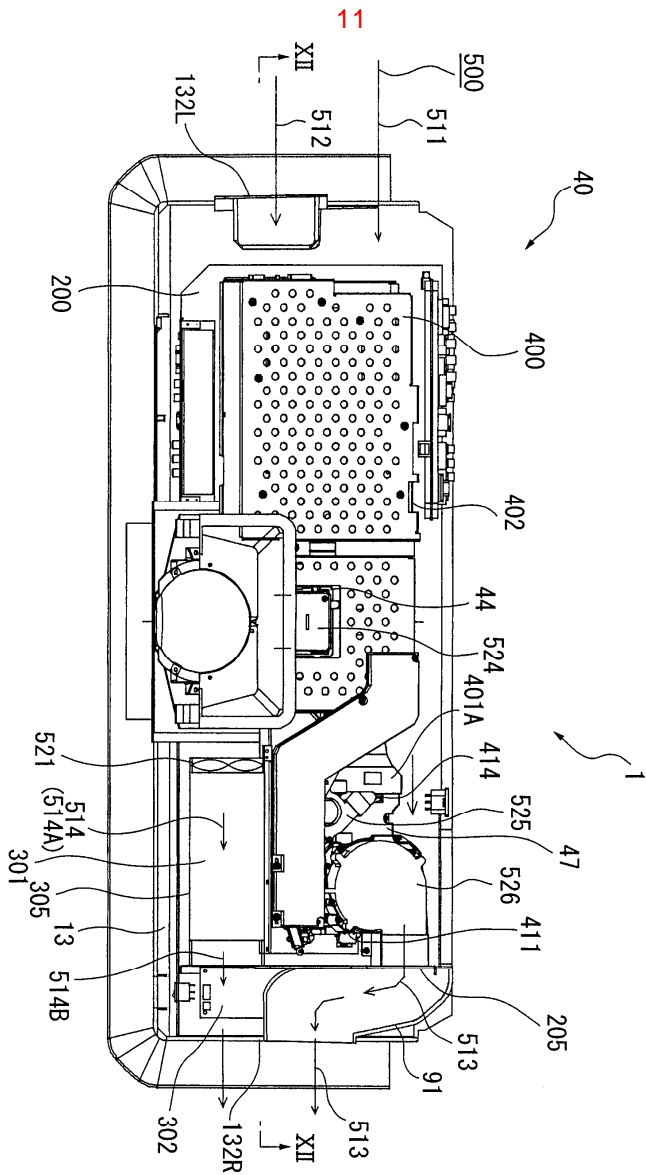


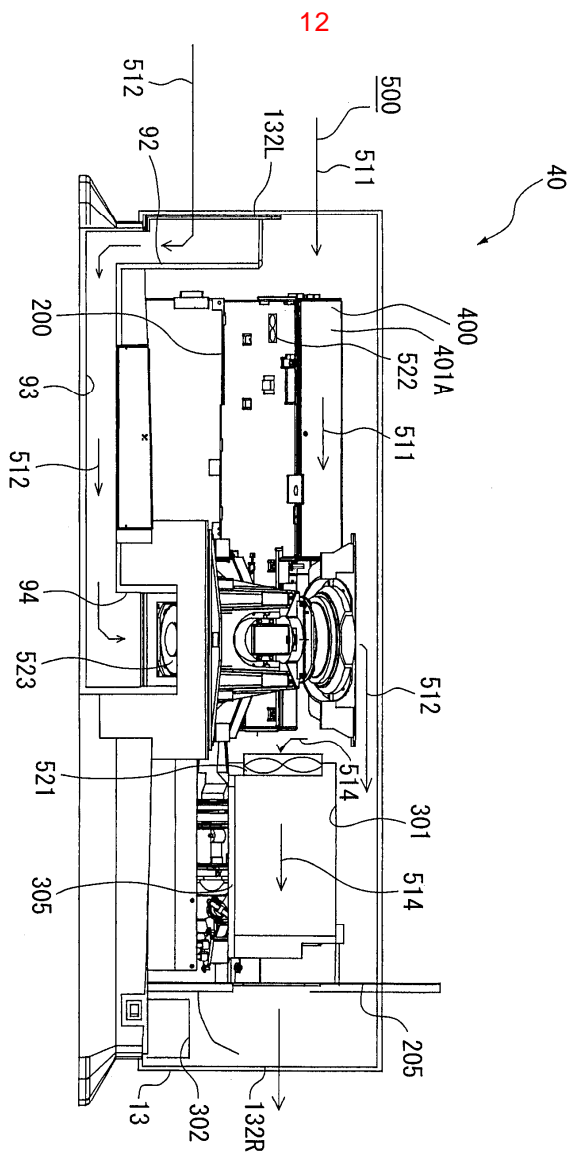




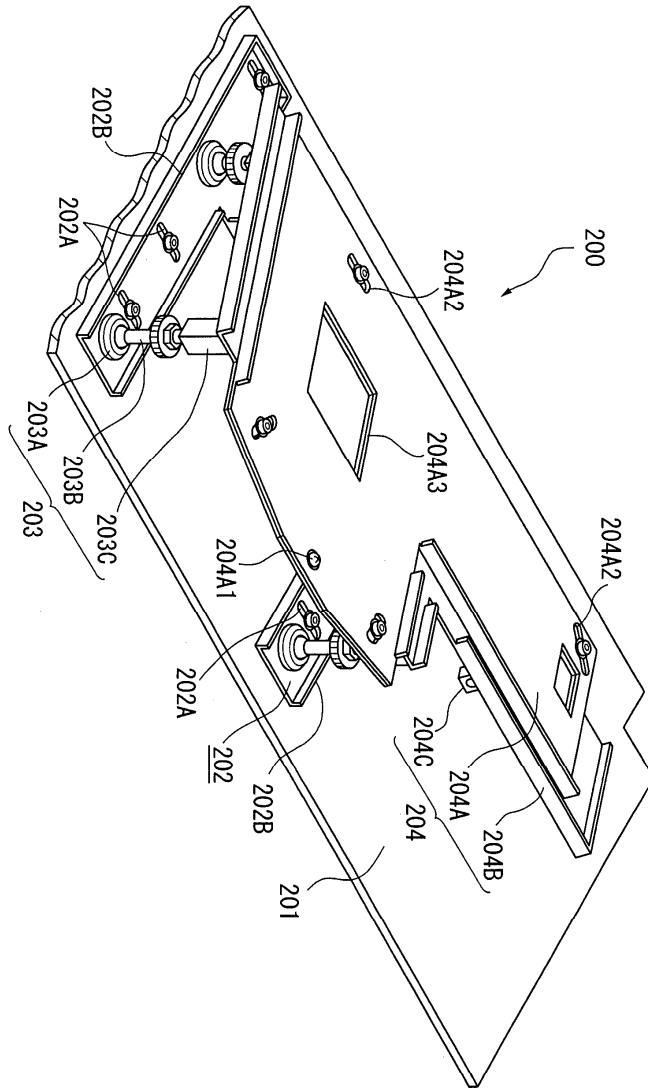
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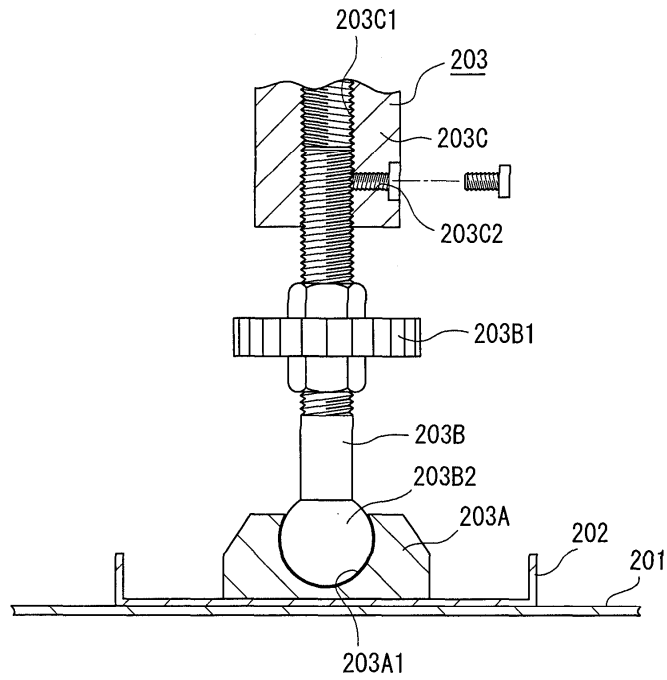


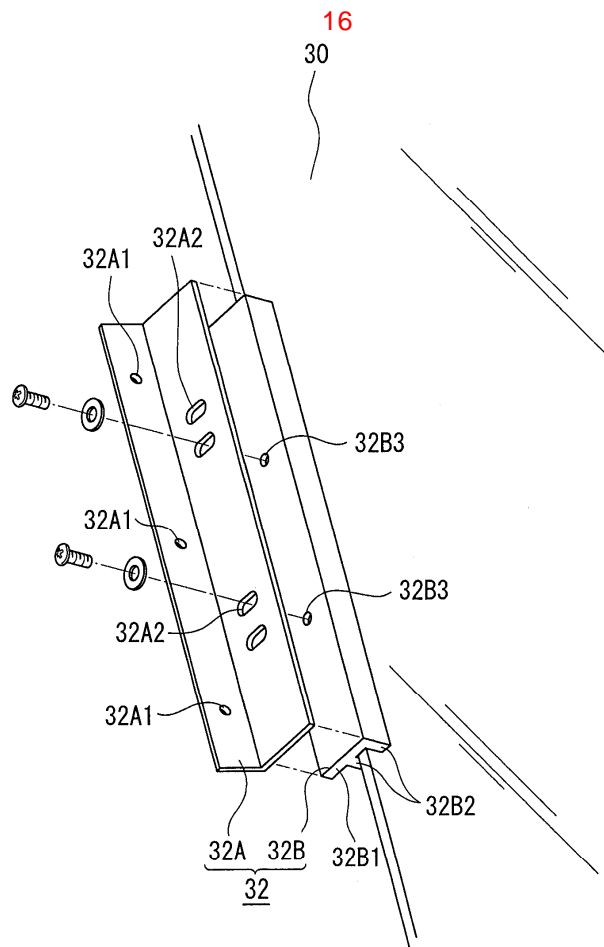
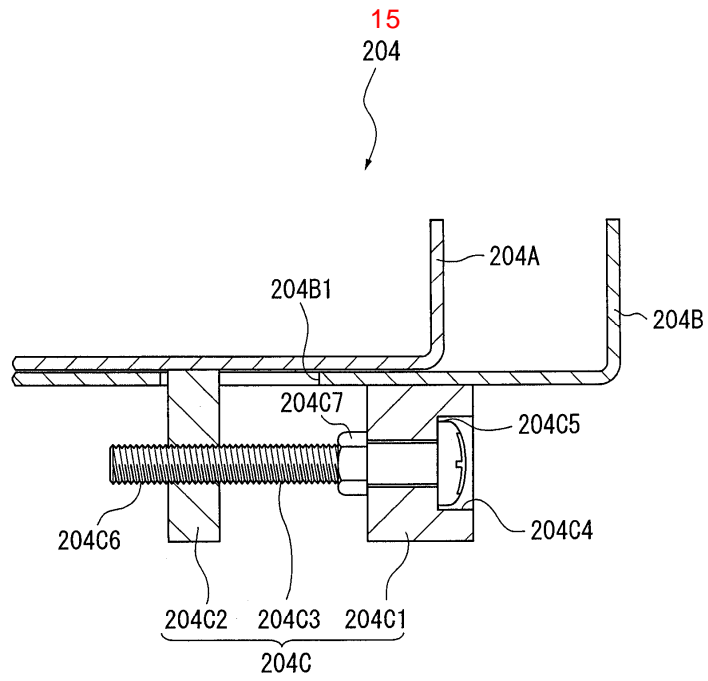


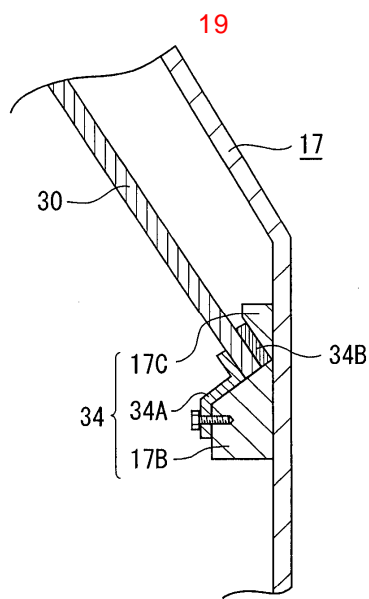
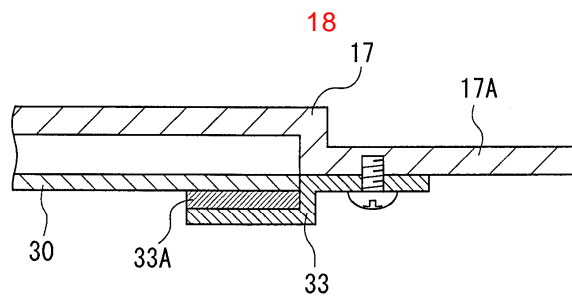
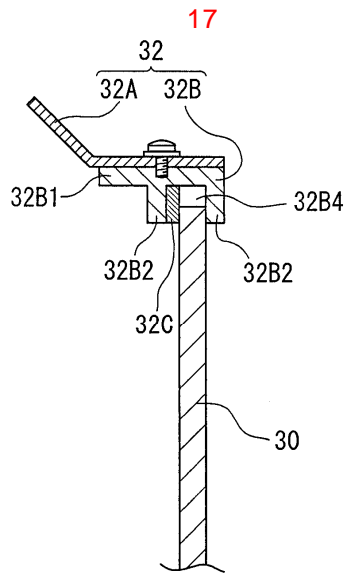
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