

(19)
(12)

(KR)
(B1)

(51) 。 Int. Cl.7
B41J 2/435

(45)
(11)
(24)

2004 09 18
10-0449088
2004 09 07

(21) 10-2002-0040601
(22) 2002 07 12

(65)
(43)

10-2004-0006350
2004 01 24

(73) 416

(72) 461 102-602

(74)
:

(54)

가 가 ,

가 가 ,

4

, , , , 가

1

2a 2b

3a 3b

4

5a 5b 4

*

*

(120a) (100)가 (120) (114), (106), 5a (114) (111) (103) LSU(104) (111) (111) (103) (104e) 4, 5a 5b (101) (106) LSU(104) (10) (5a) (100) LSU(104) (104e) (5b) (152) (152) (152) (160), (155) (106) (152) 가 (160) (104e) (101) 1 2 (102; (153) (106) 1 2 (154a, 154b) (104e) (153) (104e) (104e) (104e) (104e) (104e) (155) (154a, 154b) 1 2 (154a, 154b)가 (153) (155a, 155b) 1 2 (154a', 154b') (160) (153) 1 2 (167, 168; 4), (167, 168) 1 2 (166a, 166b) 1 2 (154a) (153) (162, 164) 가 1 (154b) 1 2 (167a, 167b) (153) (168) 2 (168a, 168b) (153) (153) 3 (166a) 가 (162) 1 (167) 1 2 (167a, 167b) 가 1 (166a) 1 2 가 (163a, 163b) 1 2 가 (162a, 162 b) 가 2 (166b) 3 4 가 (164) 2 (168) 3 4 (168a, 168b) 가 (164a, 164b) 3 4 가 (153) 1 2 (167a, 167b) 1 2 가 (162a, 162b) 1 2 가 (163a, 163b) 가 2 (168) 3 4 가 (164a, 164b) 3 4 가 (165a, 165b) 가 (162, 164) (153) 1 2 (166a, 1 66b) 1 2 (167, 168)가 1 2 (166a, 166b) 1 3 가 (162a, 164a) 2 4 가 (162b, 164b) (167, 168)가 (166) 1 2 (153) 1 2 (162a, 164a) (153) 1 2 (162a, 164a) (155) (106)가 1 2 (154a, 154b) (152) (153) 1 2 (167, 168) 1 2 가 (162, 164) (154a, 154b) (106) 1 2 (155a, 155b) (155a, 155b) 1 (154a, 154b) 1 2 (154a', 154b') 1 (155a', 155b') (155) (106)가 1 2 (154a, 154b) (152) (153) (120)가 (106)가 (154a, 154b) (153) (106)가 LSU(

104) (104e) (100) 4, 5a
 5b (106) (120)
 가 5b (106)가 (155) 1 2 (155a, 155b)
 , (152) (153)
 , 가 (160) 1 가 (167) 1 2 (167a, 167b) 1 2 가 (162a
 , 162b) 1 2 가 (163a, 163b) 가 2 (168) 3
 4 (168a, 168b) 3 4 가 (164a, 164b) 3 4 가 (165a, 165b)
 가 (153)
 , (153) (153a) (104e) (104e) (104e)
 , (104e)
 (153a)
 가 (120)가 (106)가 (106)가 (120)
) (104e) (153) (153a) LSU(104) (111) LSU(104)
 , (153a)가 (104e) (153) LSU(104) (104e)
 (155) 1 2 (155a, 155b) 1 2 (154a, 154b) (106)
 , (152) (153)
 , 가 (160) 1 2 (167, 168) 1, 2, 3 4 가
 (162a, 162b, 164a, 164b) 1 2 (166a, 166b) 가
 5a (153) (104e) (104e) (103)
 , LSU(104) (111) (104e) (120)
 , (153)
 , (106) (106)가 , (120)
 , 가 , 가 가 가 , 가
 LSU 가 LSU 가 LSU
 , 가 가 가 가 가
 , 가 가 가 가 가

(57)

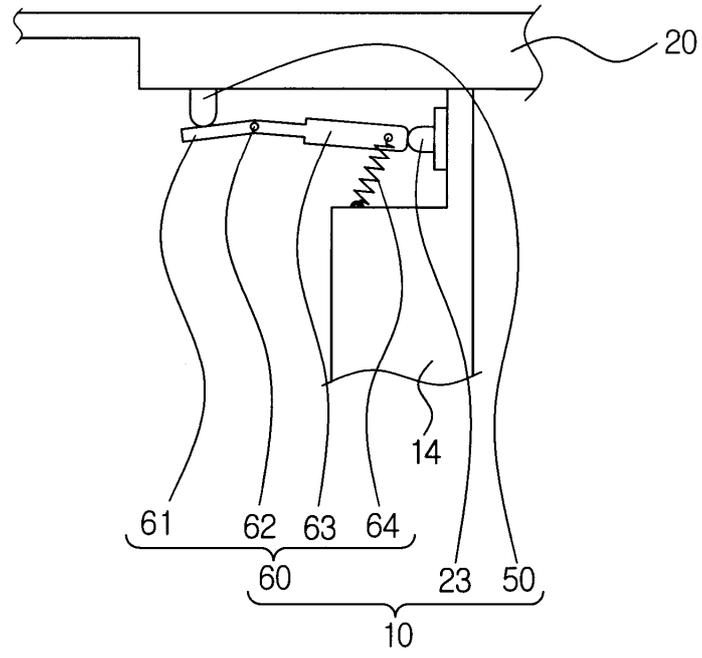
1.

2.

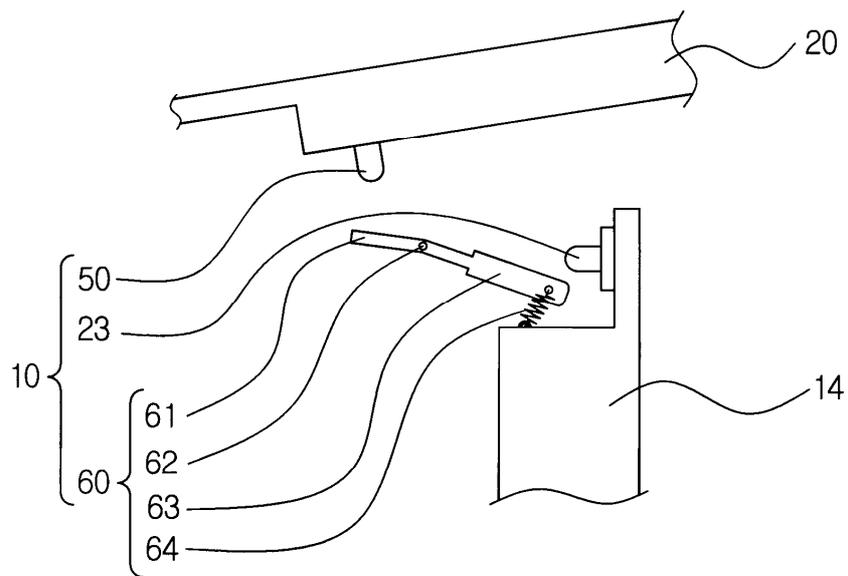
3.

- 2 , , ;
- 3 4. , 가 , ; 가
- 4 5. , 가
- 4 6. , 가
- 6 7. ,
- 8 8. ;
- 8 9. ,
- 9 10. , 1 ; 2
- 10 11. , ;
- 11 12. , 가 , ;
- 12 13. , 가 ;
- 13 14. , 1 2 가
- 14 15. , 가 , ; 가
- 15 16. ,
- 16 17. , 가 2

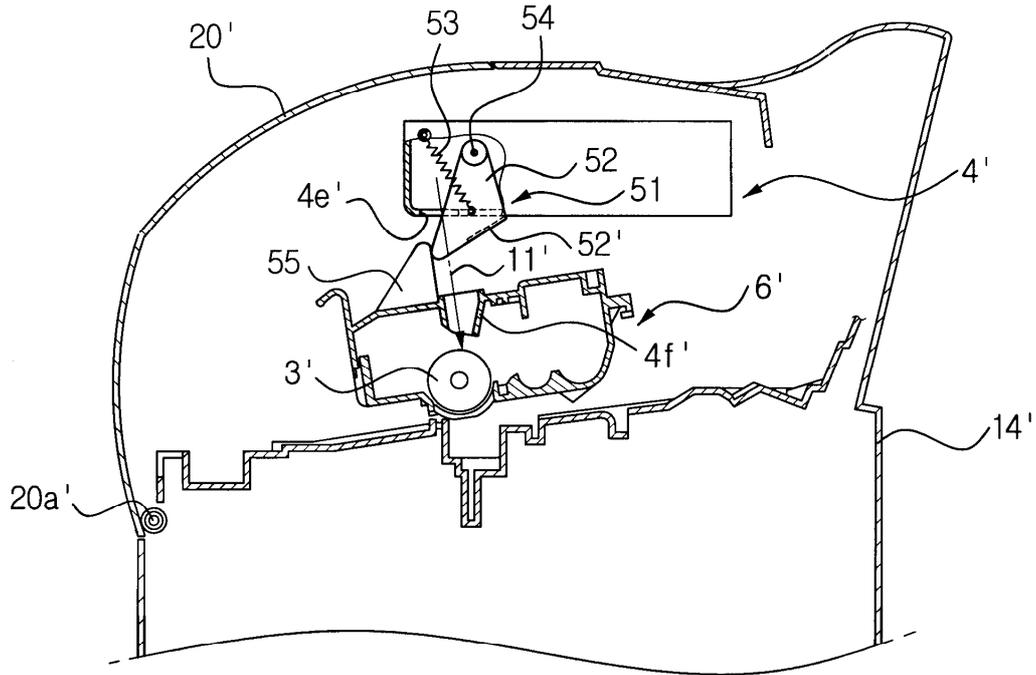
2a



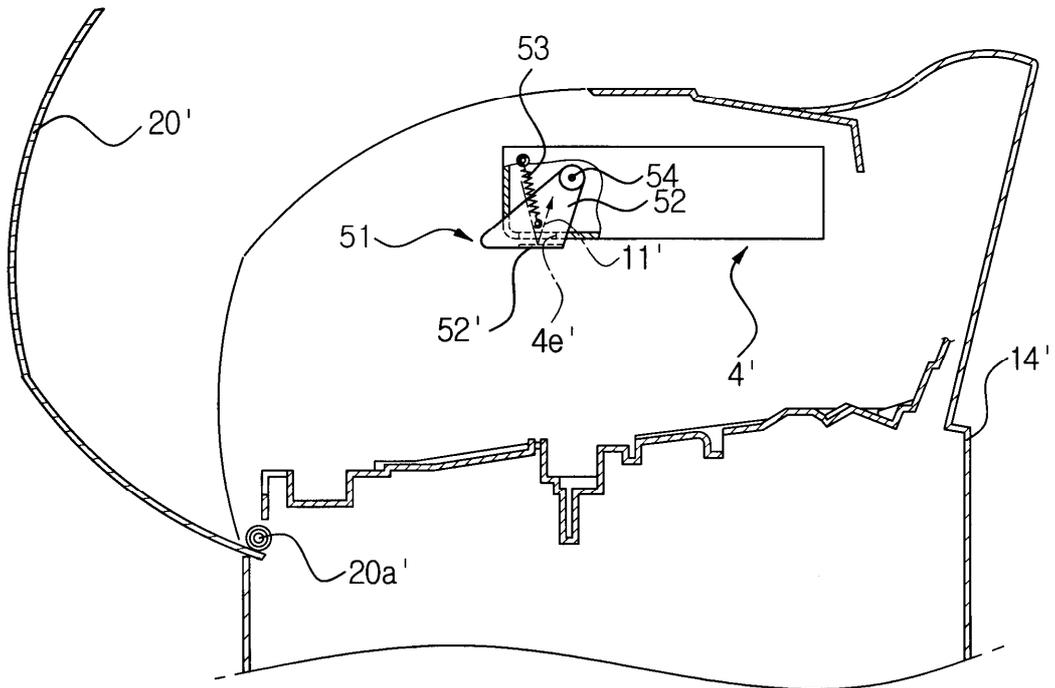
2b



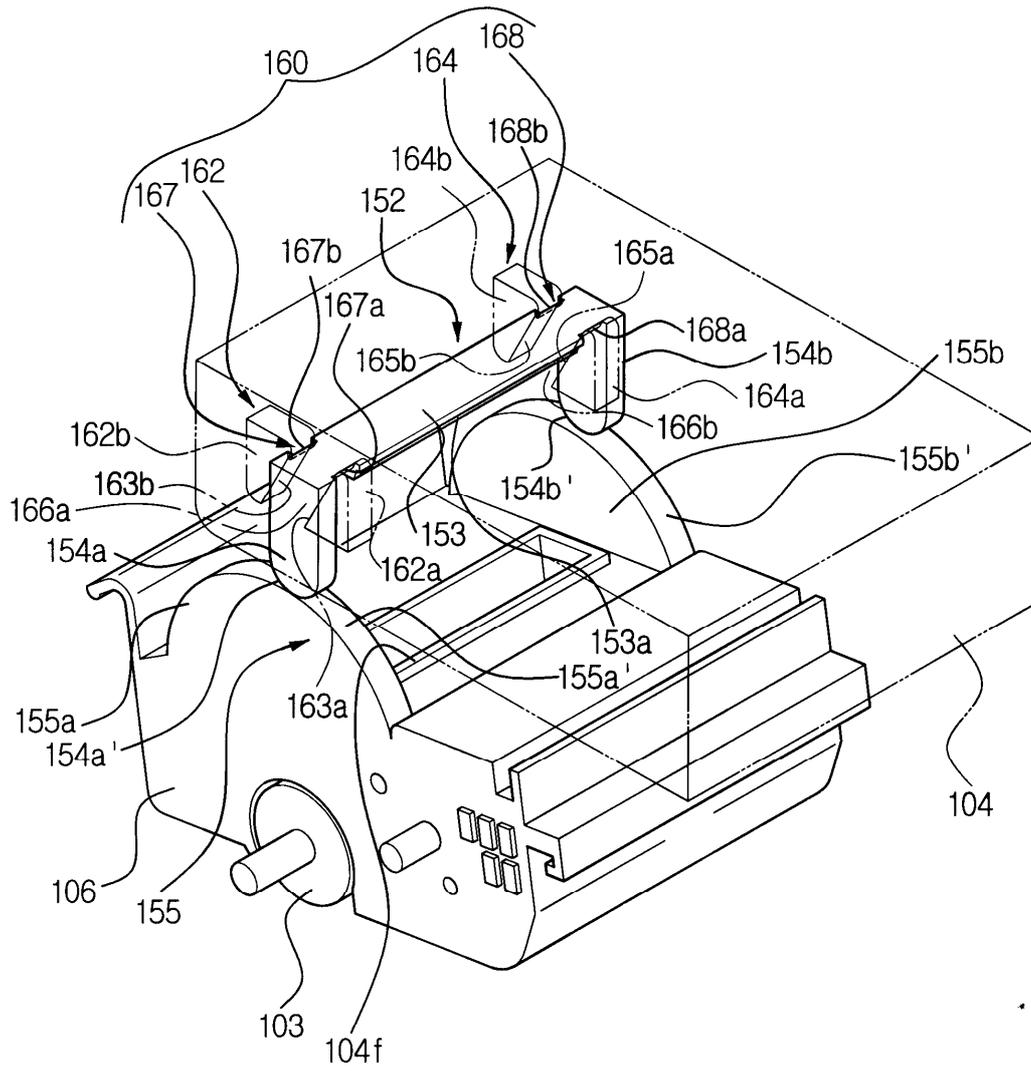
3a



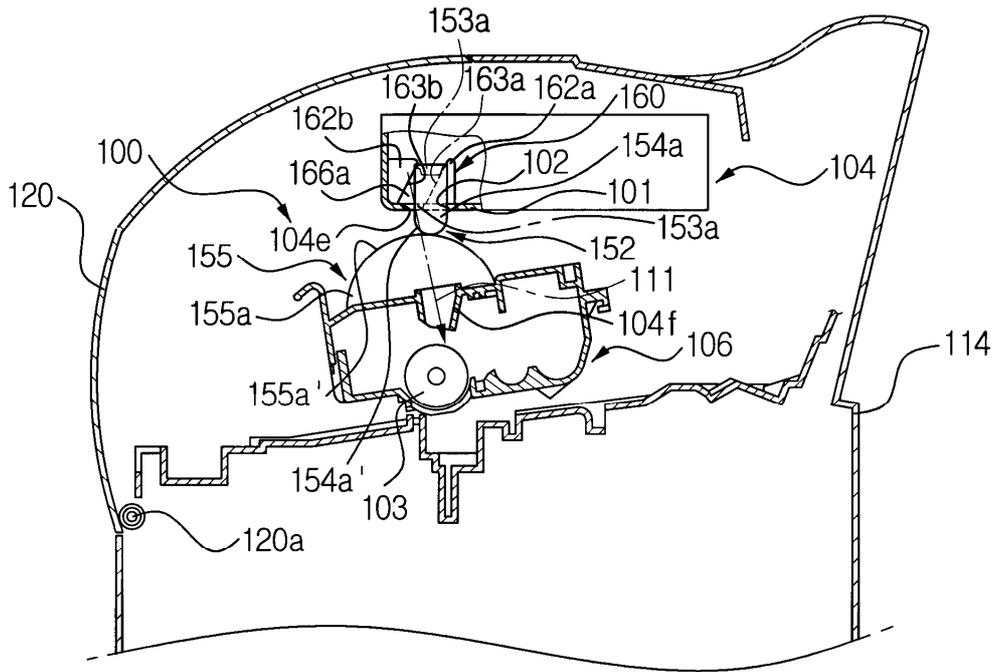
3b



4



5a



5b

