

**(19)**  
**(12)**

**(KR)**  
**(B1)**

(51) . Int. Cl.<sup>7</sup>  
B41J 5/44

(45)	2004 01 16
(11)	10-0414942
(24)	2003 12 30

(21)	10-2001-0076086	(65)	10-2002-0044076
(22)	2001 12 04	(43)	2002 06 14

(30)	JP-P-2000-00369904 2000 12 05 (JP)
	JP-P-2000-00369905 2000 12 05 (JP)
	JP-P-2001-00367075 2001 11 30 (JP)

(73)	가 가 2 4-1
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(72)	가 3-3-5 가 가
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(74)

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(54)

, 가

1	1				
2	1				
3	1				
4a, 4b		(11)			
5		(40)			
6a, 6b					
7	(45)가 (sequence)	(41 44)	ID	(12)(	(31 34))
8	(41 44)	ID		(12)(	(31 34))
9	RAM		1		
10	RAM		2		
11	3		.		
12	3		.		
13	3		.		

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P :

11 :

12 :

15 :

16 :

17 : (platen)

17a :

18 :

19 : (廢)

20 : 가

21 :

22 : (pulley)

23 :

24 : (wiping)

25 : (capping)

26 :

30 :

31, 32, 33, 34 :

36, 37, 38, 39 :

41, 42, 43, 44 :

45 :

46, 47, 48, 49, 60 :

50 :

51 : (Read Only Memory;ROM)

52 : (Random Access Memory;RAM)

54 :

55 :

56 :

57 :

60 :

71 : (共振用)

80 :

81 :

82 : 가

83 :

87 : (底部)

88 :

89 :

91 :

92 :

93 :

311 :

312 :  
313 :  
314 :  
411 : (整流器)  
413 : (Radio Frequency)  
415 :  
417 :  
501, 502 :

가 , , 가

, 가 , 가 . 가 ,  
 , , ,  
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, 가 (41 44) ID , (11)  
          (41)                          (31)가  
          (42)                          ID                          (32)가  
(31 34)        (12)                          가  
, (41 44)                          ID                          (31 34)  
          ID                                  (12)(                          (31 34))  
  
, (45)가 (41 44)                          (s200) , (12)  
(41 44)                                  (31 34)  
, (31, 32)                          (s201) , (12)가  
(31)                                  (32)                          (45)가  
, (45)                                  (60)                          (42)  
, (45)가 (31, 32)                          (41)  
, (45)                                  (45)가 (41, 42)                          가  
  
(41) ID , (41, 42)                          (41) , ID                          (41) ID  
, ID                                  (45)                          , 가 (41)  
, (12)                                  (45)                          (42)                          ID  
, 44)                                  2 (s202). (43, 44) , (41, 42)                          (33, 34) (43)  
(43, 44) ID                                  , ID  
  
, 2 (12)                                  2                                  (12)                          , ID  
, 1    가                                  1  
,  
, (12) (P)                                  (80) (11) , RAM(52) ( , 「 . 」 )  
54)                                  (11)                                  (25)                                  , (55)  
, (P)                                  (30)                                  (11)                          (50)                          (12)  
, (80)                                  RAM(52)                                  , (12)  
(54) , (12)가 가 (20) , (12) (30)  
, (30)가  
  
, (50) (50) RAM(52)                          가  
(31 34) 54, 81, 32, 13( (32)                          , , 9  
, (37) (20) (60)가                                  , , (32)가  
42)                                  , (60)                                  (37)                                  , (32) (50) (12)  
                                , (32)                                  , (32) (50) 9  
                                , (50)  
                                RAM(52) (前回) (12)                                  , (12)가  
                                , (12)  
                                , (32)                                  , (32) (50) 9  
                                , (31) (50)가  
                                , (31) (50)가  
                                , (36) (60)가  
                                , (60) (36) (112, 78, 59, 41)  
                                , (20) (36) (50) (41) (12)  
                                , (50) (41) (12)





, , , , (30) 가 , (12) 가 , (12) 가  
 , , , , (60) 가 , (12) 가 , (60) ,  
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 , , , , 11 13 , , 11 13  
 . . . .  
 12  
 11 12 , , (17) (17a)  
 (45) (46, 47, 48, 49) 가  
 (30) (31 34) (36 39) 가 (17) (17a)  
 (45) (46 49) (36 39)  
 (50) , , , ,  
 , 13 , , (50) (46 49) (46 49) 가  
 s) , , (46 49) (36 39) (502)  
 , , , , (serial)  
 , , , ,  
 ID , , , , (45) ID 가  
 , 1 , , , (45) (46 49)  
 가 , , , , 1  
 , , , ,  
 (41, 42, 43, 44) (45) ID 가 (11)  
 , (41) (46) (46, 47, 48, 49)  
 (41) ID , , ,  
 ID , , , , (41) ID 가  
 , (42) (12) ID (42) ID (46) (47)  
 , (42) ID (43, 44) , , ID  
 , , , ,  
 가 , , , , (12) (P) (25)  
 , , , , (11) (11)  
 54) , , , , (P) (30) , , , , (50)  
 , , , , (11) (11)  
 0) , , , , RAM(52)  
 80) , , , , (P)  
 (50) , , (12) 가 가 (20) , , (12)  
 , , , ,  
 , , , , (50) RAM(52)  
 , , , , 12  
 (41 44) , , (50) (12) (46 49) 가 (20)  
 , , , , , , RAM(52)  
 가 , , , , (50) RAM(52)  
 , , , ,  
 , , , , (50) RAM(52)



ID 가 , ID (12)가 , ID , (12)가 (45)

가 , 「 ID 」 , (41 44) 가  
 (11) . . . . . (50) . . . . .  
 RAM(52) . . . . . , (50) 가 , (12)  
 , , (49) , (49)

, CPU

CPU

1

1

가

%

1%

(57)



가 가

**18.**

1 ,

가 ,

ID , , ID

**19.**

1 ,

가 , ,

**20.**

19 ,

가 ,

**21.**

19 ,

가 ,

**22.**

5 ,

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**23.**

22 ,

,

**24.**

가 , ,  
가 , ,

**25.**

24 ,

,

**26.**

24 ,

가

**27.**

26 ,

가 가

, , ,

가  
가

가 , ,

, ,

가

**28.**

24

가

29.

25

ID 가

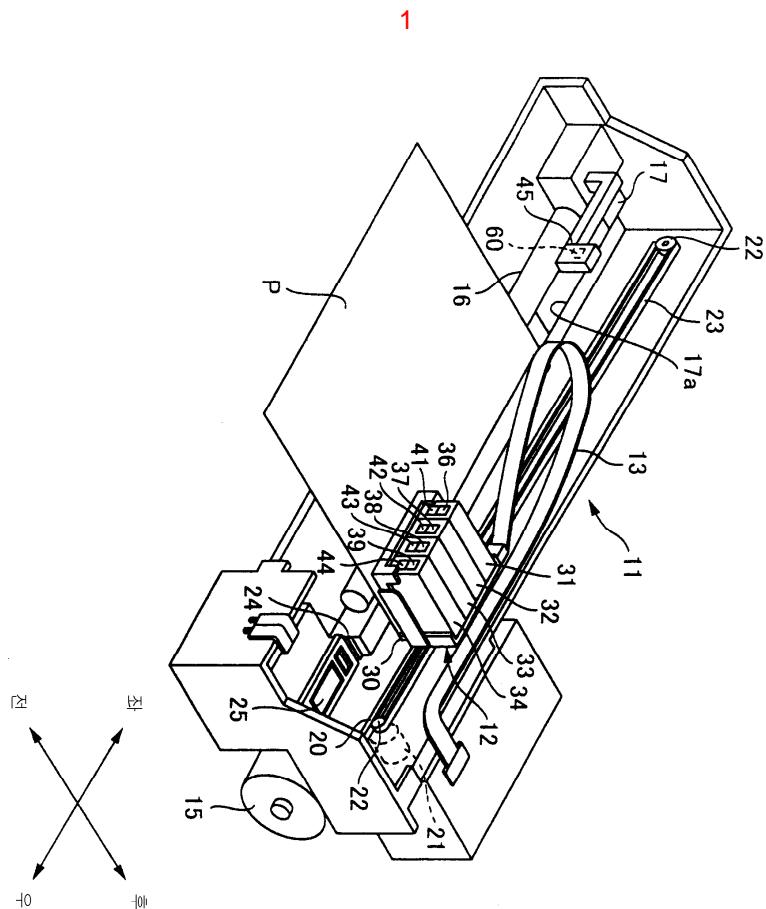
30.

29

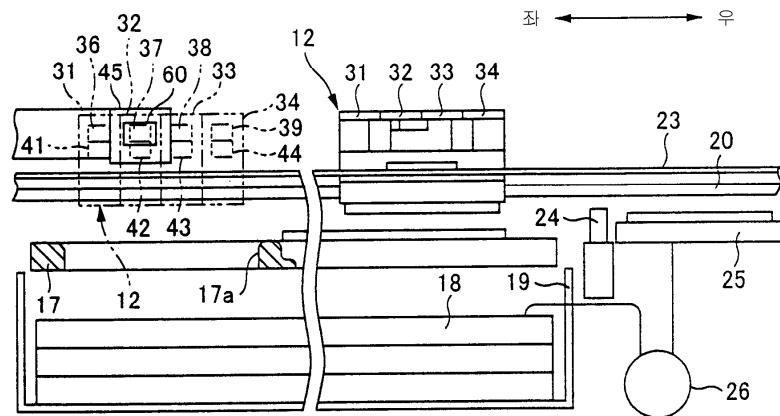
ID

가

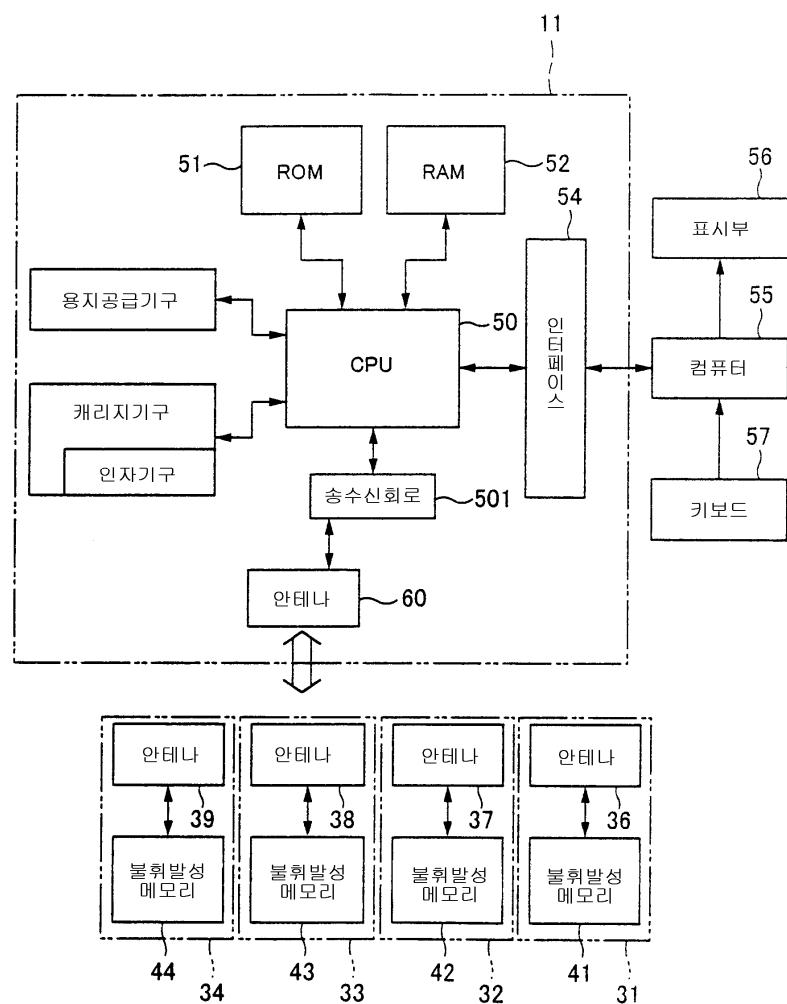
가



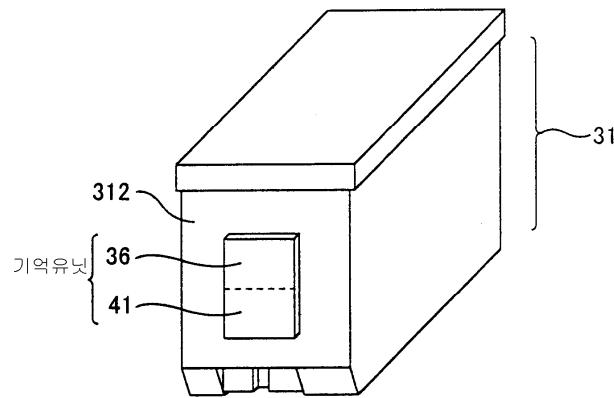
2



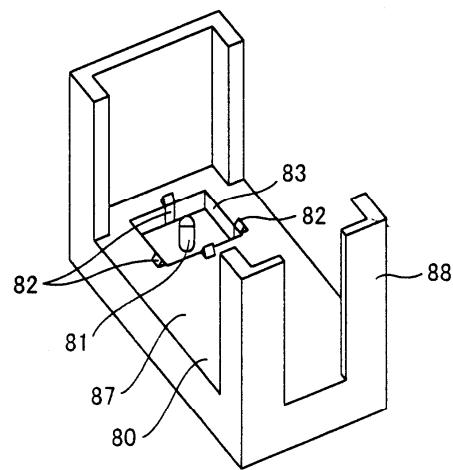
3



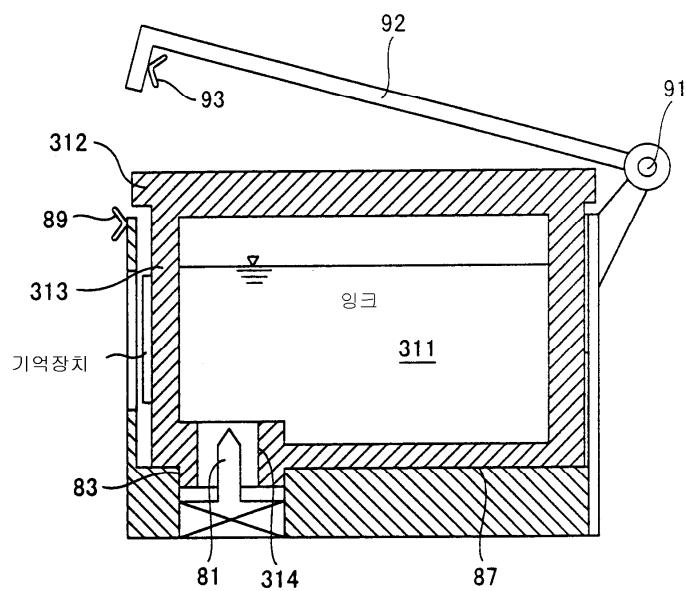
4a



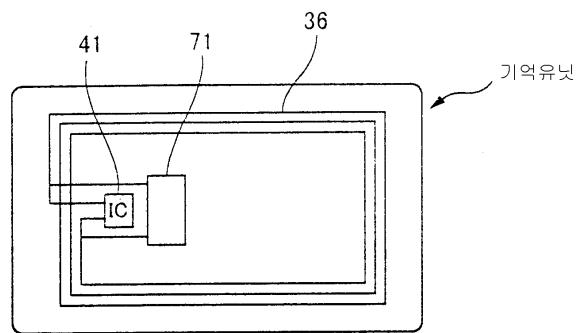
4b



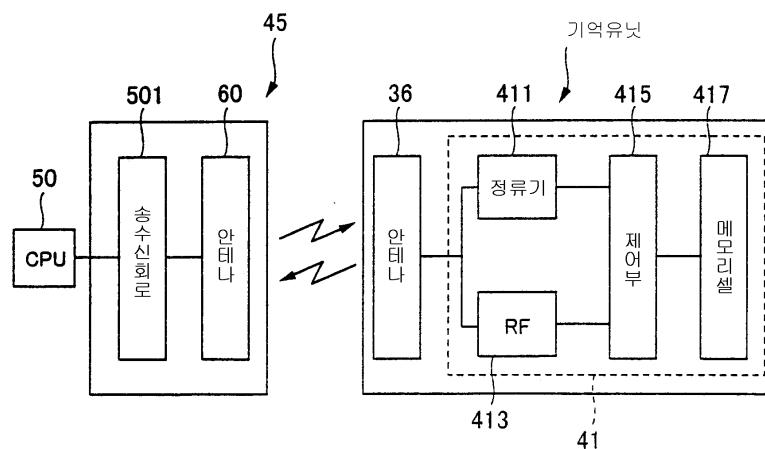
5

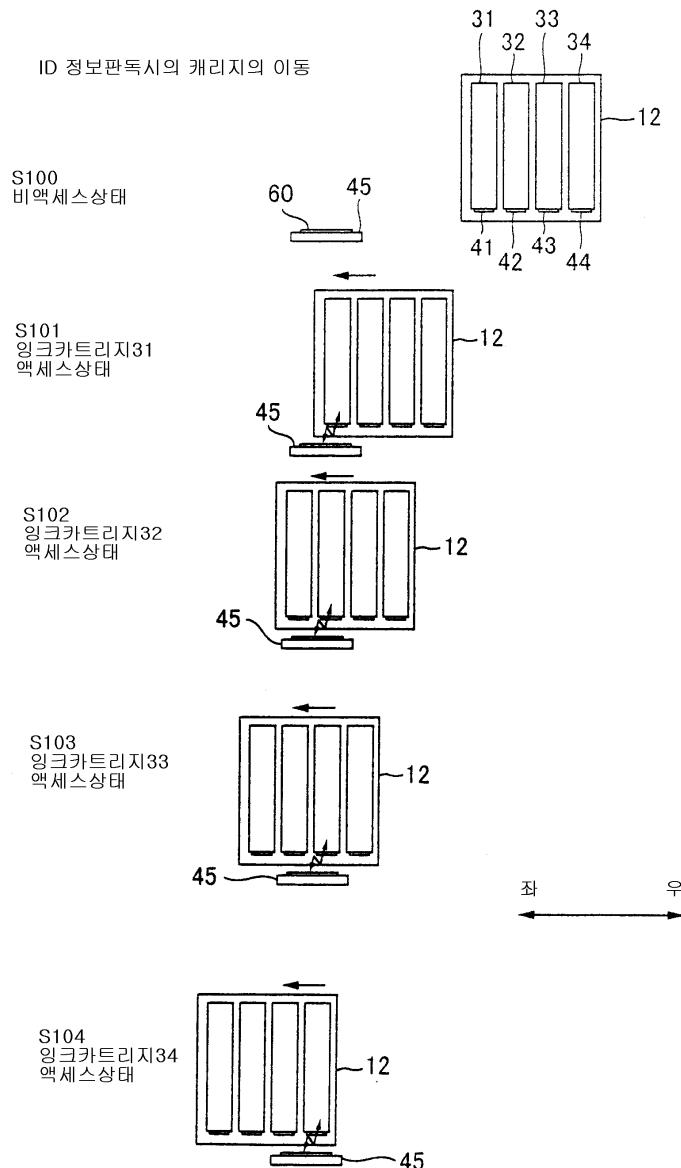


6a

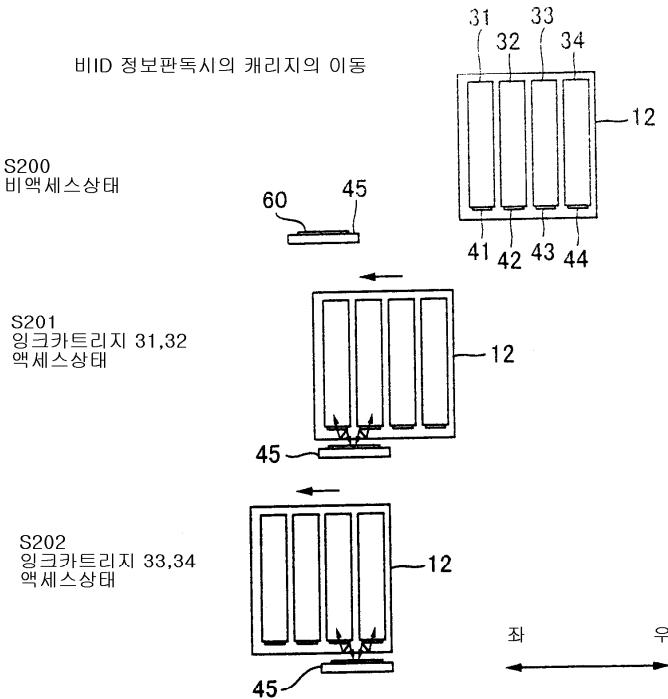


6b





8



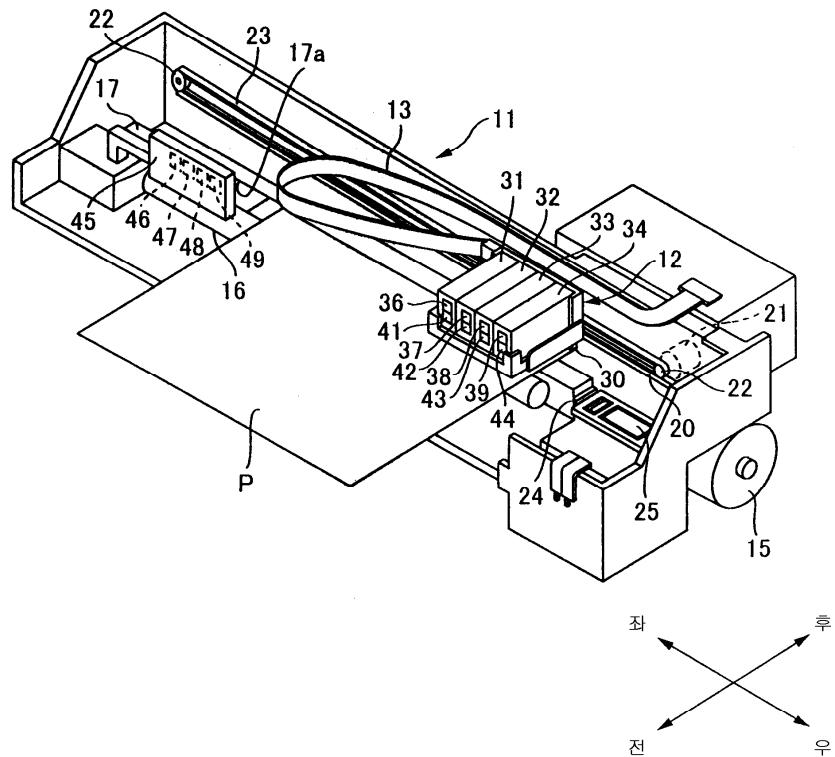
9

	개시	1회째의 플러싱전	1회째의 플러싱후	2회째의 플러싱전	2회째의 플러싱후
흑색 (31)	0	54	54	112 (58)	0
시안색 (32)	0	81	0	78 (78)	78
마젠타색 (33)	0	32	32	59 (27)	59
황색 (34)	0	13	13	41 (28)	41

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	문턱치	개시	1회째의 문턱치도달시	1회째의 기입후	2회째의 문턱치도달시	2회째의 기입후
흑색 (31)	70	0	70	0	56 (56)	56
시안색 (32)	50	0	38	38	50 (12)	0
마젠타색 (33)	50	0	21	21	44 (23)	44
황색 (34)	50	0	15	15	28 (13)	28

11



12

