

(19)  
(12)

(KR)  
(Y1)

(51) 。 Int. Cl. <sup>7</sup>  
A47L 23/22

(45)  
(11)  
(24)

2003 03 19  
20 - 0307578  
2003 03 04

(21) 20 - 2002 - 0037968  
(22) 2002 12 20  
(62) 2002 - 0081751  
: 2002 12 20

2002 12 20

(73) 10 1002 1303

(72) 10 1002 1303

(74)  
:  
가 :

(54)

가 , 가

(11) (11a) (11) (10) ;  
가 가 (31) , (37) (31) (11) 가  
31) (20) ; (10) (35) (33) , (10) (30) ; (10) (50):  
가 (40) ; (11)

1

1

2 1

3

4

5 4

6

7

8

9

10

11 10

\*

1: 10:

11: 11a:

12: 20:

21: 21a:

21b: 23:

25: 30:

31: 32:

35: 37:

39: 40:

41: 43:

45: 50:

100: 110:

111a: 121:

123: 130:

가

가

가

가 10 11 10  
20 - 1998 - 014486 " 가 .

(110) (100) 10 11 (111a) (111)  
(121) 가 (133) (110) (123)  
, (130)

(130) 가 (123)가 , ,

, 가, 가 가 .

, (111) (111a) (111a) (123)가 가  
(121), (123) 가

가 , .  
, , (111) (111a)

,  
가  
가

가

가

가

가

가

(50):

1 , 2 1

1 2 , (1)

(10), (20), (30), (40), (50)

(10) (11a) (11)  
(30) (37)

3 (20) , 4 3 , 5 4

3 5 , (20) 가 (21a) ,  
(21a) (11a) (21b)가  
(21) , (10) (12) (21)  
(23) , (21) (21a) (25)

(20) (21) 가  
 (11a) .

(21) 가 , (21) (21)  
 (23) (21)가 가 (11) (11a)  
 (25) (11) (21b) 가 .

(30) (10) (31) , (31)  
 (33), (10) (37) (31)  
 (35) .

(30) (32a) (32) .  
 (11) (50) (11) (21)  
 가 (21a)가 .

(50) ,  
 (51) 가 .

(40) 6 , (12) (12a)  
 (45) 가 가 (41) ,  
 (41) (41) (33) 가 (43)

(41) (45) 가 (41)  
 가 가 .

(40) (11) 가 (41)  
 가 (43) , (33) 가 , (41) 가 ,  
 (33) ..

(40) .

(10) 7 , (30)  
 (37) .

(38) 8 , (30) (31a)  
 (39) .

(33) (39) 가 , (34)  
 .

(36) (33a) , 9 , (30) (32)  
 (37) , (36)

(1)



(10) (10) (30) ; (37) (31) (31) (33) , (35)

(10) 가 (40) ;

(11) (50): .

2.

1 ,

(10) (11a) (12) (21a) (20) 가 (21) (21b)가 (21a) , (21a) (21) , (21) (25) (23) , (21)

3.

1 ,

(41) (40) 가 (12) (12a) 가 (41) , (45) (33) 가 (43) (41)

4.

1 3 ,

(30) (10) (37)

5.

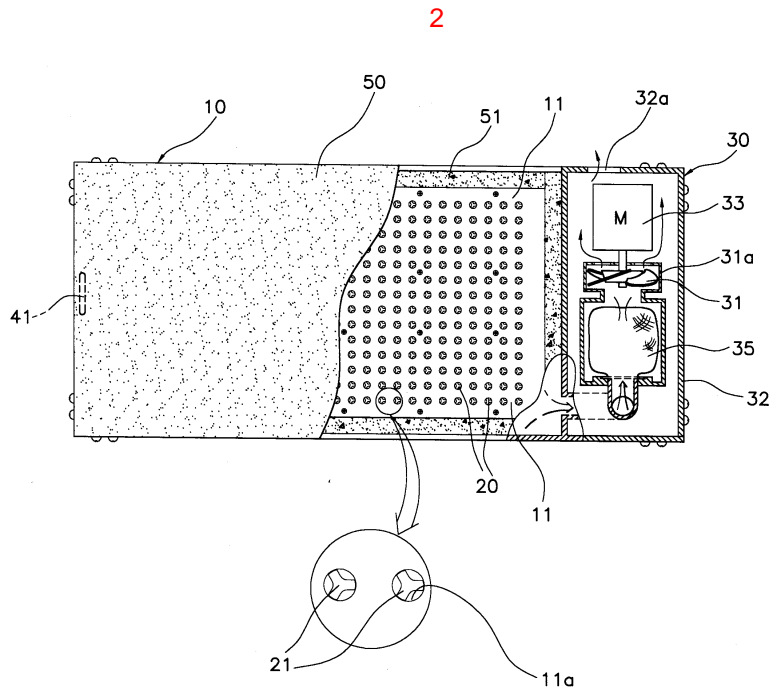
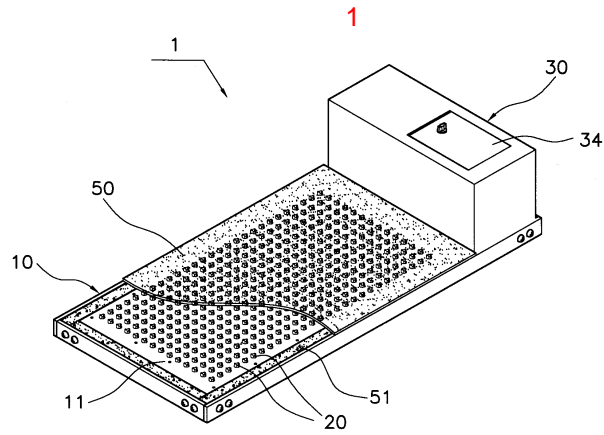
1 3 ,

(30) (31a) (38)

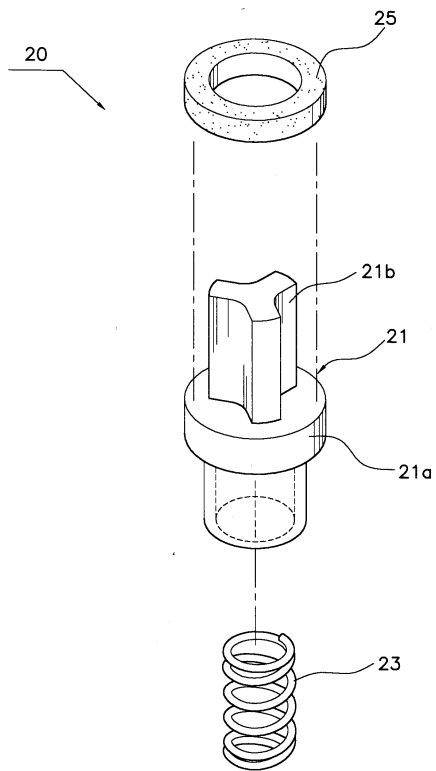
6.

1 3 ,

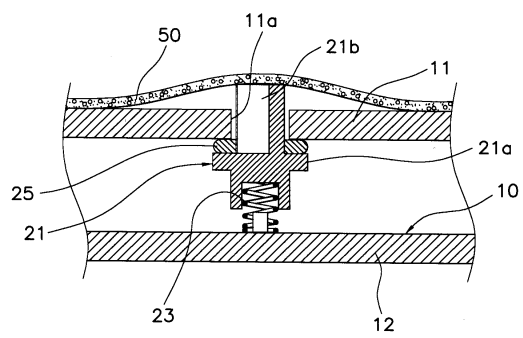
(30) (32) (36) (33a) , (37) (36)



3

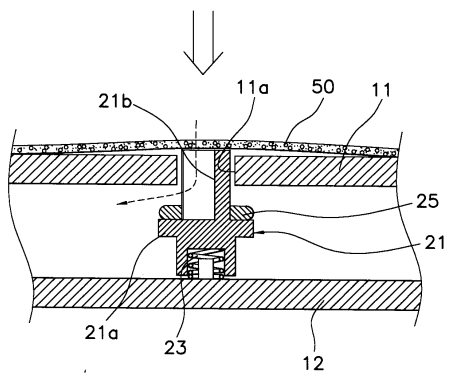


4

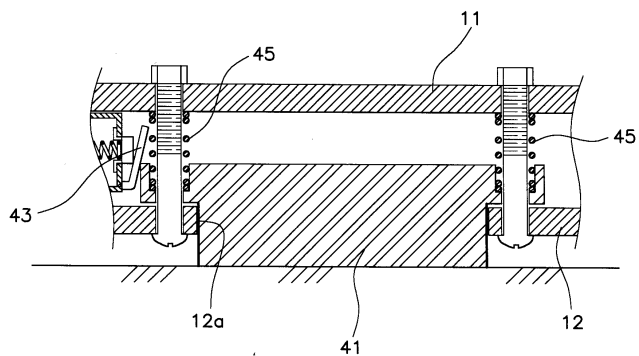


20:(21,23,25)

5

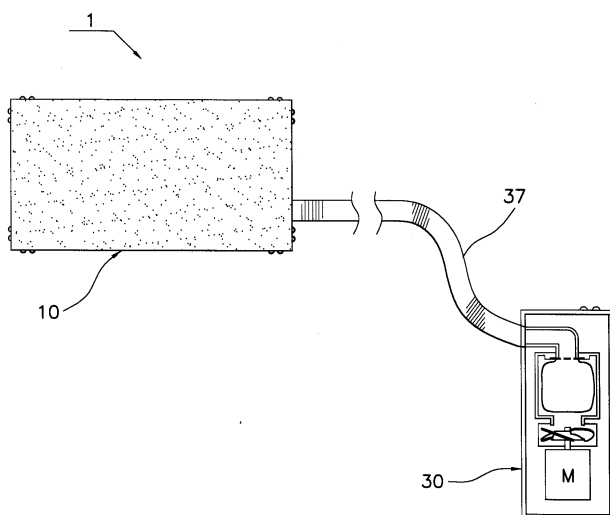


6

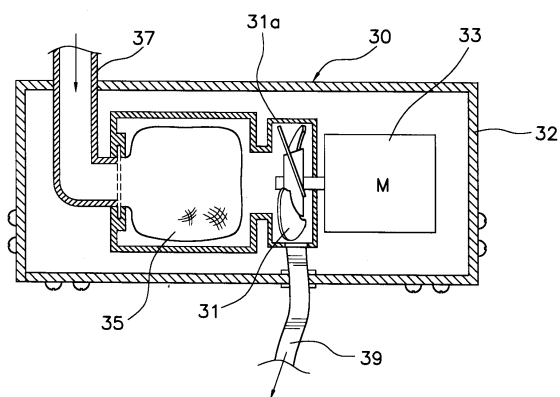


40:(41,43,45)

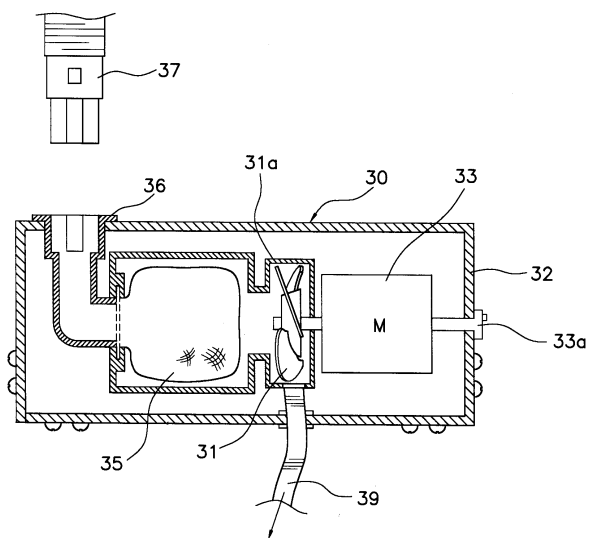
7



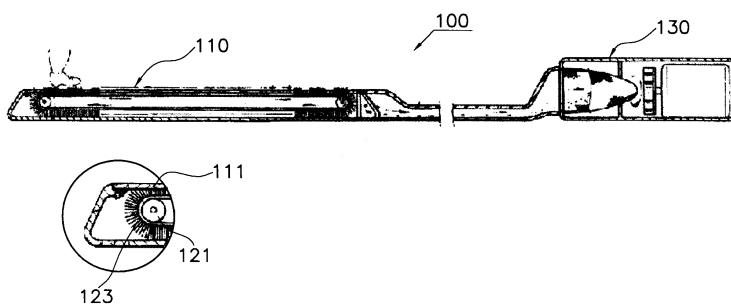
8



9



10



11

