

(19) (KR)
(12) (A)

(51) 。 Int. Cl. ⁷
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(43) 2002 08 07

(21) 10 - 2002 - 0005390
(22) 2002 01 30

(30)	09/773,408	2001 01 31	(US)
(71)	-	((94304)	3000
(72)	-	98683	2908
		98604	7403
(74)			

:

(54) ,

(109)	(80)	(75)	.	(76)	(75)	.	(75)
,	(100, 110)	.	가	(90)	(75)	.	(109)
(102, 104)	,	(90)	가	.	.	.	(100, 110)
110)		(109)	(100, 1
10)		(100, 110)		(109)			
(109)	,	,		(90)			
	.	.		(80)			
5)							(20) , (7

1
,

2 1 ,

3 1 ,

4 1 ,

5 1 ,

6 5 ,

7

20 : 22 :

24 : 25 :

26 : 28 :

30 : 31, 32, 33 :

35 : 40 :

42 : 44 :

47 : 48 :

50 : 52 :

54, 56 : 57, 58, 94 :

60 : 62 :

68 : 70 :

74 : 75 :

78 : 80 :

82, 83 : 84 :

90 : 92 :

98 : 100, 110 :

102, 104 : 105 :

106 : 109 :

가

5,278,584
(Hewlett - Packard Company)

" " 가

(priming)

, " (spitting)" " (s
pitton)"

가

가

가

가	가	,
,	가	,
(Schantz)		6,086,190
가	,	,
,	(shingling)	(mask routines)

가 가 6,086,190 ,
(foam) . .

, (20)
(24) (22)
(26) (25)
, (mylar)
(26) (28)
(25)
(26) (28)
(30)
(26) (25)
(26) (33)
(34)
(31, 32), (33)

$$, \quad (20) \quad \quad \quad (\quad \quad \quad) \\ \quad \quad \quad (35) \quad \quad \quad . \quad \quad ,$$

$$" (35)" , , . , (35) (24) \\ ()$$

1

(36) (22) (38) . (36) (25) 가
(42) (40) 가
- (Hewlett - Packard Company)
5,366,305 (40)
,

(25) , (50, 52) (50) " " (52) . (52) 3
, , (52) , 3가 (50) . 가 (50, 52)

(25)
 (35)
 (54, 56)
 (50, 52)

가 가

(54, 56)

(4)
 5)
 (54, 56)
 (50, 52)
 (57, 58)
 (40)
 1
 (50, 52)

2
 (44)
 (50, 52)
 (45)
 (48)
 (44)
 (64)
 (45)
 (46, 47)
 (54, 56)
 (45)
 (68)

(44)
 (70)
 " "
 (70)
 (70)
 (75)
 (22)
 (64)
 (72)
 " "
 (74)
 (75)
 (20) 가
 (75)
 6,086,190
 (PCA; printed circuit assembly)
 (ASIC; application specific integrated circuit)

(75), (75)
 (54), (45)
 (46), 3
 (40) 가
 (45)
 (78)
 (68)
 (68)
 (76)
 (56) 가

(86) 가 (75) PCA (85) (84) 가

(100)	(70)	(109)	(100, 110)	(80)
			2	

, (75) (90)
 , (90) 가 (75)
 ; (90) (100, 110) (105) . , (75)
 ; (100) (92) 2
 , (94) 가 (84) (100, 110) (90) (Y) ,
 , (95) (100) (90)

가 .

(57)

1.

(75) (76)
(80)

(20) (75)

(109)

(75)

(75)

(109)

(90)

,

가

(100, 110)

,

가

(

100) (90)

(90)

2.

1 ,

(75)가

(90)

3.

1 2 ,

가 (100, 110)

2

, (102, 104)

,

(90)

가

(100, 110)가

4.

3 ,

(90)

(109)

(105)

,

가

(100, 110)

(105)

5.

1 4 ,
가 1 2 (100, 110)

6.

5 ,
1 (100) ,
2 (110) 1
1 (100) 1 ,
2 (110) 1 2

7

$$\begin{aligned}
 (20) & \quad , \\
 (76) & \quad (54, 56) \quad , \\
 (75) & \quad (54, 56) \quad (96) \quad (75) \quad , \quad (75) \quad , \quad (109) \\
 (75) & \quad , \quad (75) \quad , \\
 6 & \quad (80)
 \end{aligned}$$

8.

7 ,
09) (95) , 가 (100, 110) (109) (1 가
가 (100, 110)

9.

(20) (75) (109),
 (75) (109),
 (75) (109) (90) (75),

(90)

가

(100, 110)

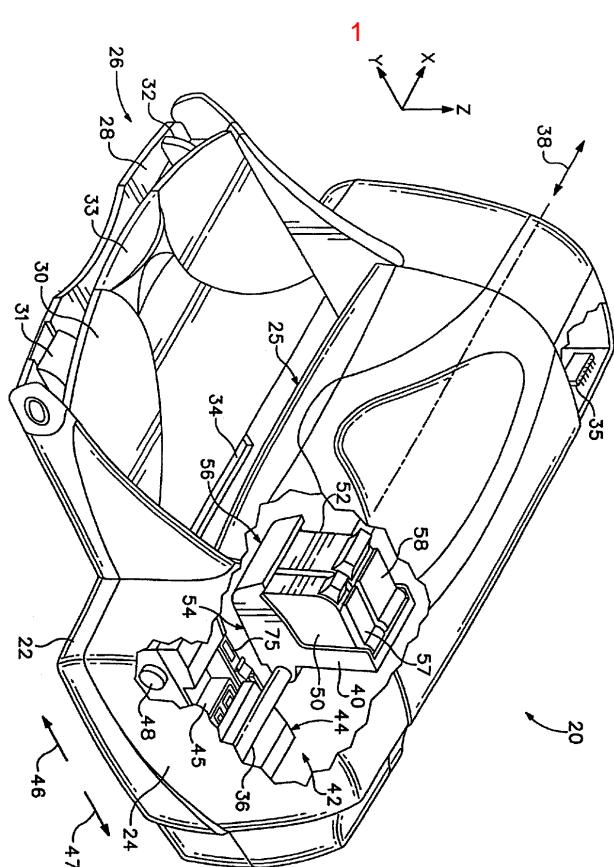
(90)

(109)

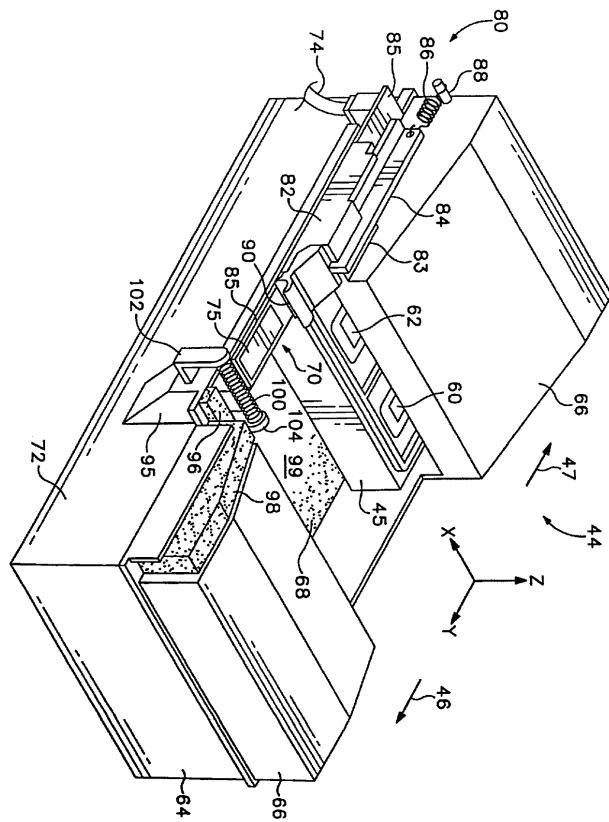
10.

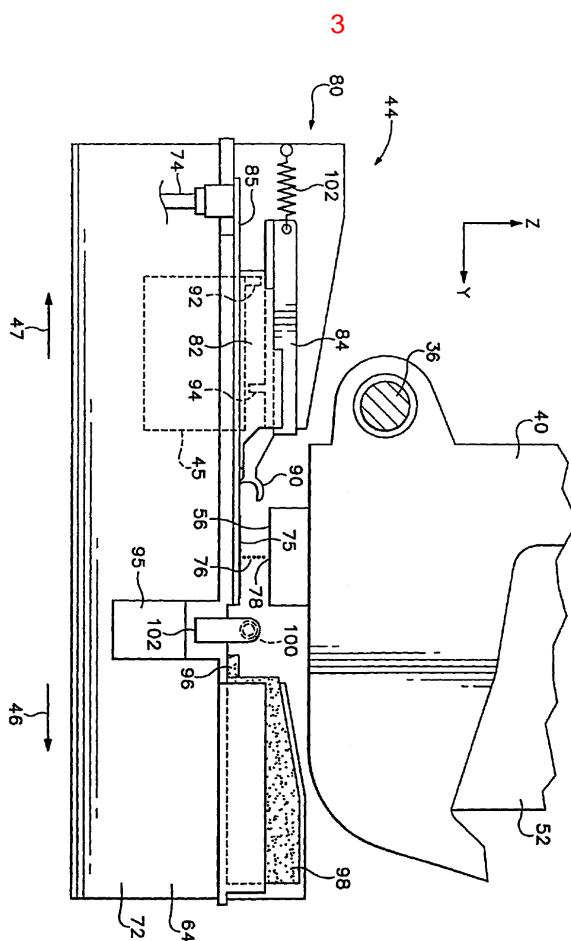
9

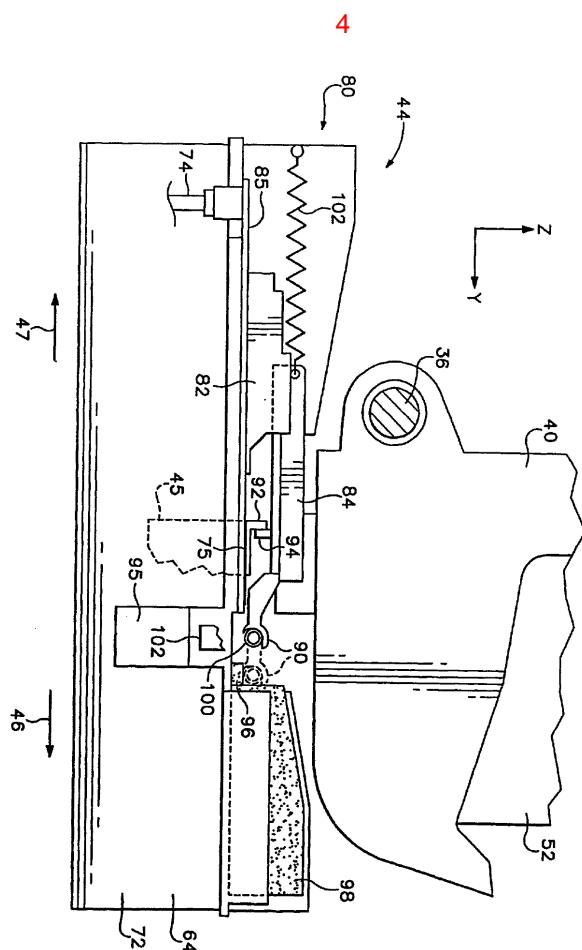
(109)



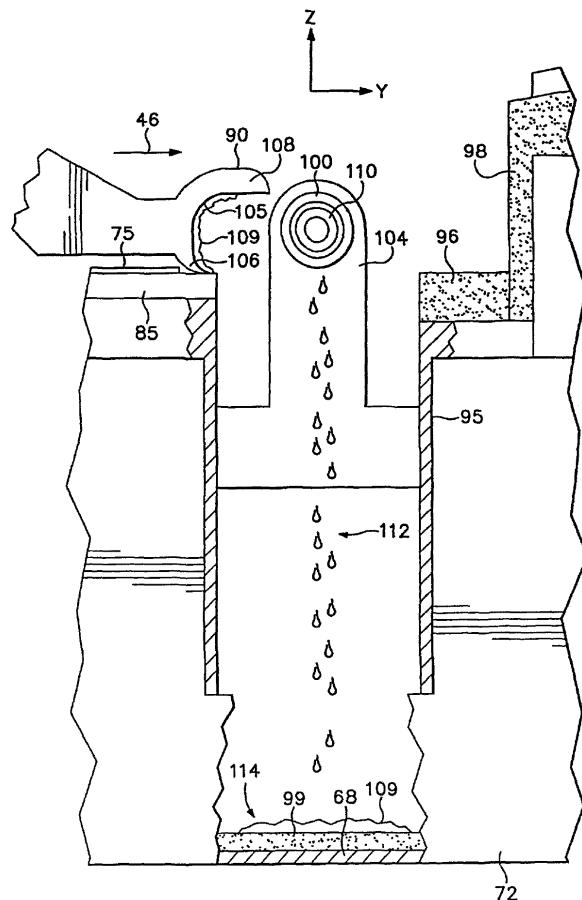
2



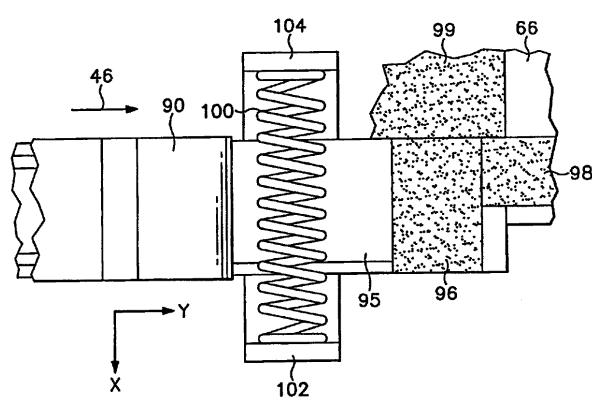




5



6



7

