

(19)  
(12)(KR)  
(B1)(51) 。 Int. Cl.<sup>6</sup>  
H01L 21/3065(45)  
(11)  
(24)2004 09 01  
10-0427852  
2004 04 08(21) 10-1996-0014361  
(22) 1996 05 03(65)  
(43)10-1996-0043009  
1996 12 21

(30) 08/436,513 1995 05 08 (US)

(73) 95054 , 3050

(72) 95008 3862

94086 696

95070 가 19600

94089 #17-205 1063

(74)

: -

(54)

RF

RF

RF

RF

1 RF  
2 RF  
3 RF 1  
4 2  
5  
6 3  
7 4  
8 5  
9 6  
\*

50 : 54 :  
61 : 72,78 : RF  
66 : 70,76 :  
90 : 94,96,98 :  
99 :

(RF) 1 (12) ,  
(plate) (14, 16) (10) (14, 16)  
(12) ,  
RF 가 (12) RF  
(14, 16) 가 (14, 16) (12) , RF  
(18) RF 가 (20) , (22)가 (10) (10)  
가 가 (capacitive coupling) (14, 16) RF 가 가 (10)  
1 가 가 (22) (  
14, 16) 가  
가 RF RF 가 가 ,  
가 , 가  
(inductively coupled) (32)  
2 (30) (34) (30) (36) (32)  
(32) RF (40) RF (38) 가 RF (30)  
가 가 (32) 가 RF 가 (32) 가 RF 가  
가 가 , (32) 가 RF 가  
1 가  
2 (32) 가 (42)  
(42) (36) 가 RF (44) RF RF  
(36) 가 RF (38)  
(36) 가 RF 1  
가 1 2

1 2  
가 . 1  
2 가 RF 가 .  
RF 가 RF  
1 2  
가  
가 RF 가  
가 RF (phase) RF 가  
, 180 가 RF (Source)  
3 2 RF  
RF , 가 2  
(tapping) , RF 가  
가 가  
가 가  
3 가 (52) (54) (50)  
(58) (56) (61) (60) (62)  
(66) 2 (62, 60) (54) (70) RF RF RF1(72) 1 RF (68) 가  
(18) (64) RF (72) ( ) (20) RF  
(72) (74) (74) RF RF (54) ( )  
) 2 RF (78) (76) (74) (78) (52)  
(76) (74) (74) (62) (72)  
(62, 60) RF 2 (64) (80) RF (72)  
, RF (80) 2 가 (60) (80) (62) (54)  
3 RF (62) (50) (60, 62) 가 RF R  
2 (64) 180 RF (60, 62) 가 RF R  
F 3 가 가 (60, 62) 1  
가 가

(74)

2 가 가

4 RF (78) (64a) 2 (64) 3 가 , 2 (64) (6

4 ) , 2 RF (62) (64a) (74) (60, 62)

(80) ( 3 (64 ) (60, 62) (74) (64a) (62)

, (64 )가 (74) (64a) (80) 2 (64)

(74) 가 (62), (60) (74) 가 (64))

가 RF RF 가 3 ( (62), (60) (62), (60) (64))

4 RF , (74) ,

5 (74a) 가 (74b)

가 ..... .... Z. (Gerald Z. Yin)

6 (62) RF (66)가 , RF (74) 가

(70) (62) (74) (84) 6 (74) RF (72) (86)

(62) 2 RF (78) (60) 2 RF (78) (60) (86)

(62) (62) (60) (62) (50) (54)

7 4 (54) (62) 가 (62) (54) (54)

가 (54)

2) 가 가 (6

(54) (54)

RF ( 3 6 ) RF 2.0MHz

가 (transit external fi

eld) (60)( ) 가

RF RF

6 7 가

1 RF RF 8 8

RF RF (92) (92)

(90) RF (72) (94, 96, 98) (62), (74)

(94, 96, 98) (60) 180 (98) (60, 62)

(99) (96) (60) 가

9 8 (74) 3 가 (60, 62)

(57)

1.

가 RF ;

RF ;

(a) RF , (b) (c) RF

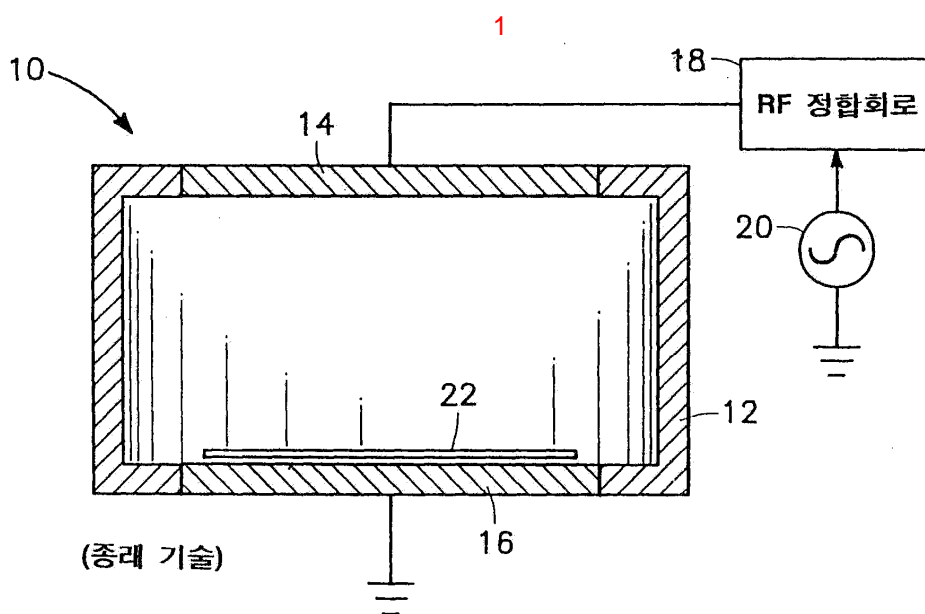
2.  
1 RF , ,  
RF ;  
RF .
3.  
2 , RF .
4.  
1 RF , RF 1 ; 2  
RF , 2  
RF .
5.  
4 , 2 RF RF  
.
6.  
4 , 2 RF RF  
.
7.  
1 RF , RF ;  
RF .
8.  
1 , , 가 ,  
RF 가  
RF .
9.  
8 , , (a) (b)  
RF .
10.  
8 ,  
RF .
11.  
8 , (a) (b)  
RF .
12.  
11 , RF .
13.  
11 , RF .
14.  
1 RF , ,  
RF , (b) (C) ;  
(a) 1 2 ,

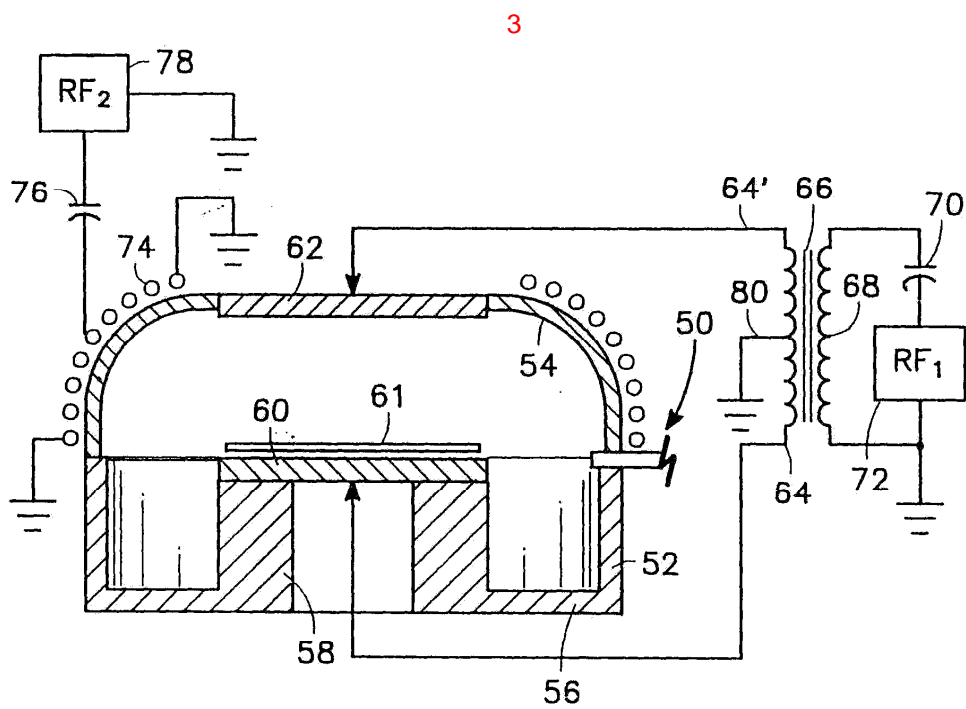
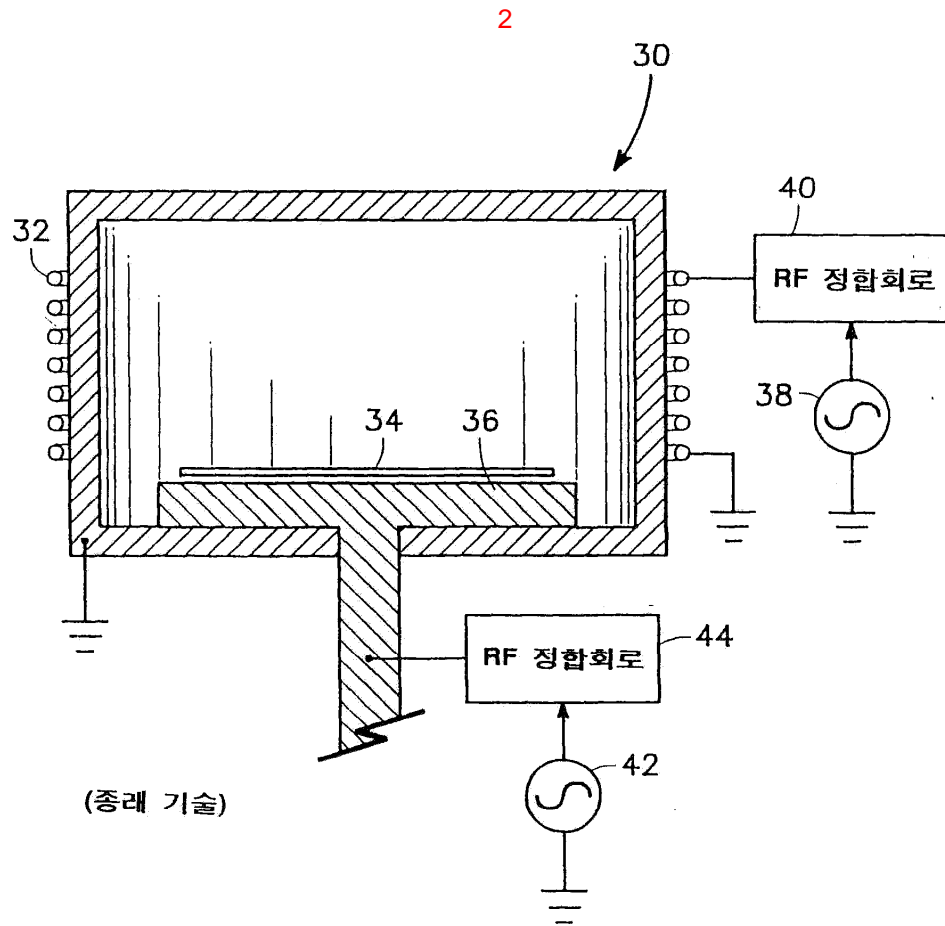
- RF .
- 14 15. ,
16. RF .
- 가 RF ; , (a)
- RF ; , (b) (c)
- RF RF RF RF
- 16 17. RF .
- RF RF ; (a) , (b) (c)
- RF
- 17 18. RF .
- RF 1 ; 2
- 2 RF , 2
19. RF .
- 18 2 , 2 RF
20. RF
- 18 ,
- (a) RF , (b) (c) RF
21. RF .
- 16 ,
- RF ;
- RF ,
22. RF .
- 17 ,
- 가
23. RF .
- 22 ,
- RF (a) (b)
24. RF .
- 22 ,
- RF
25. RF .
- 22 , (a) (b)
- RF
26. RF

25 , RF

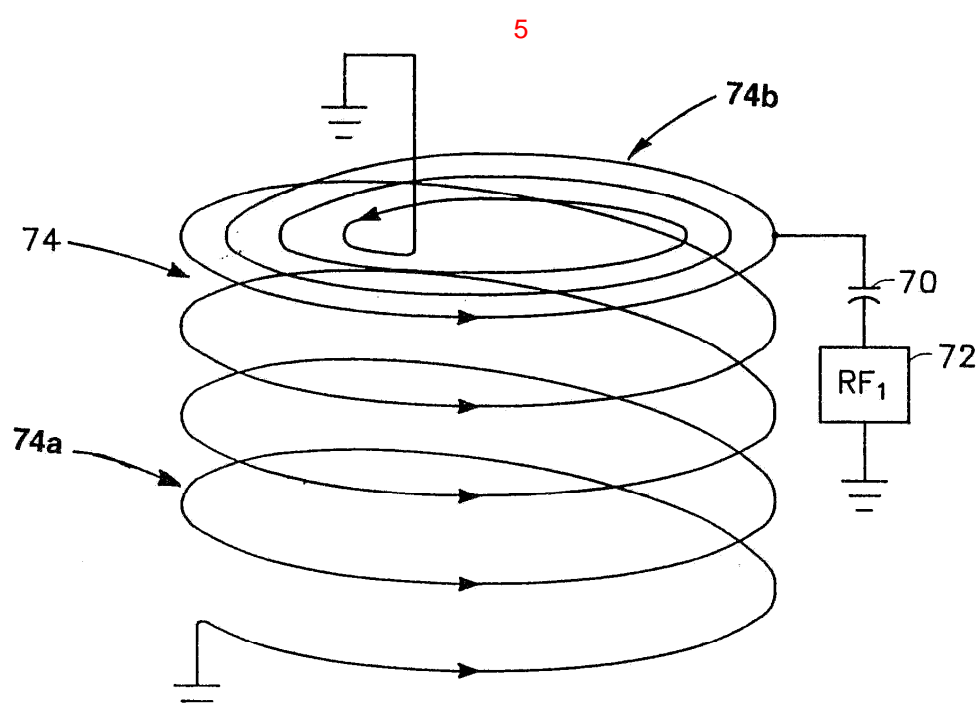
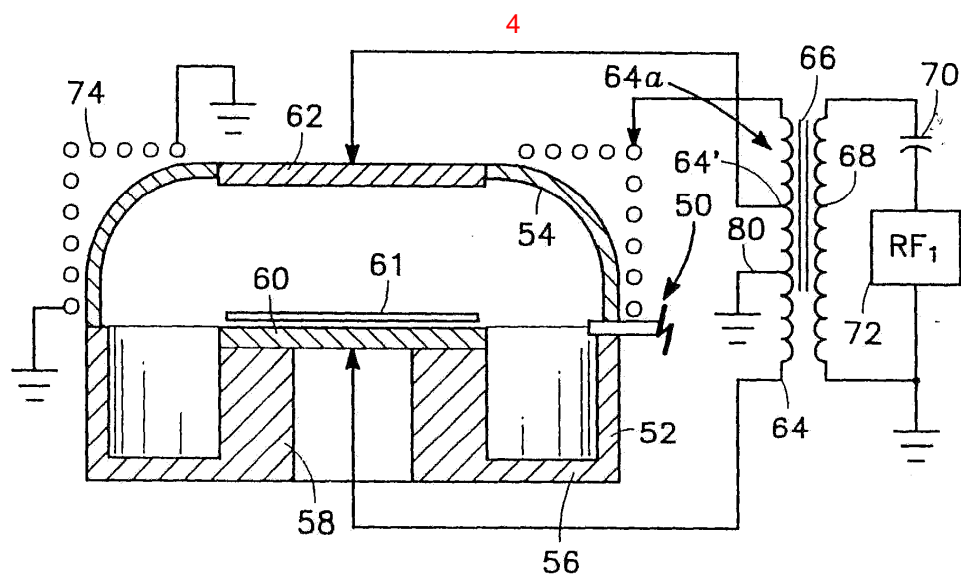
27. 17 , (a) , (b) 1 2 (c) , R

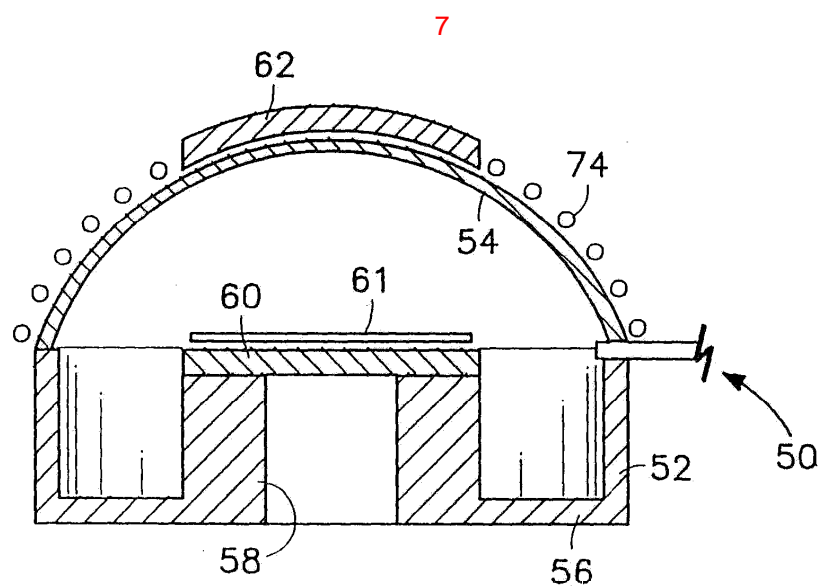
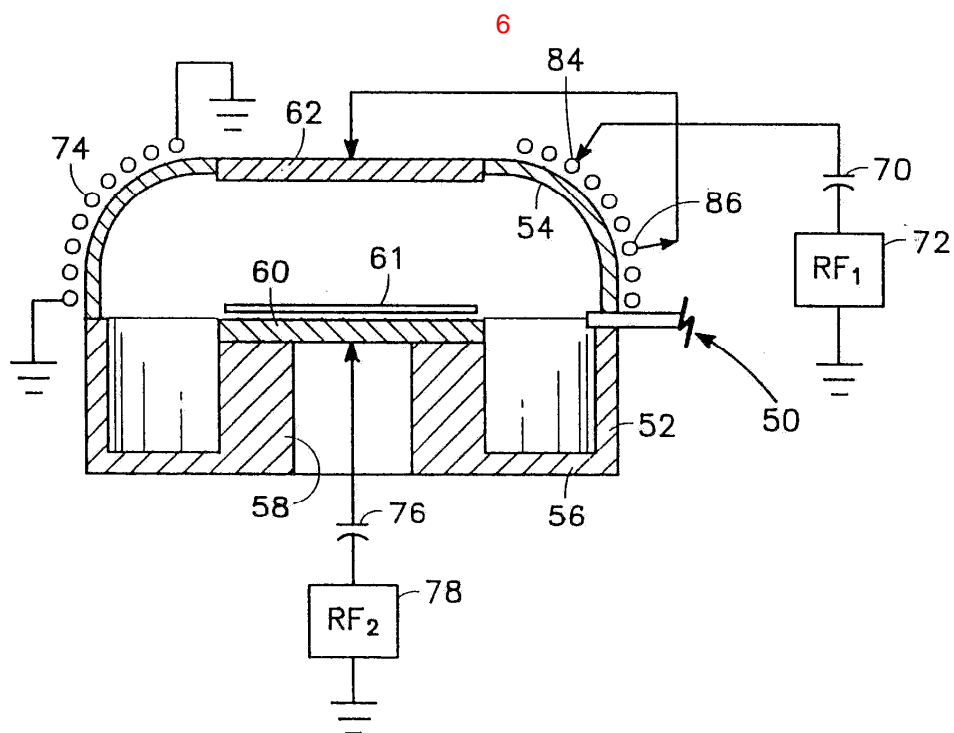
28. 27 , RF



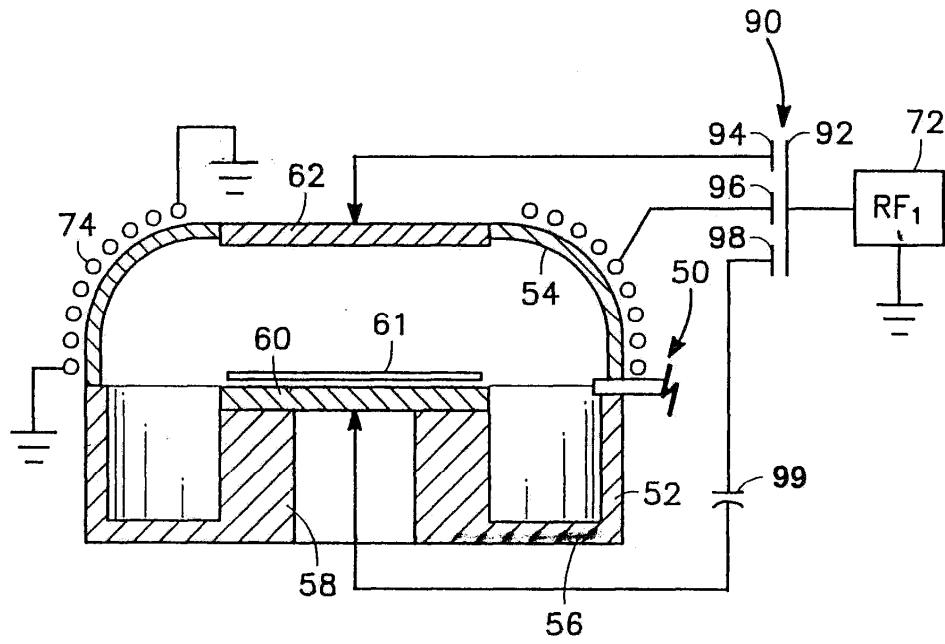








8



9

