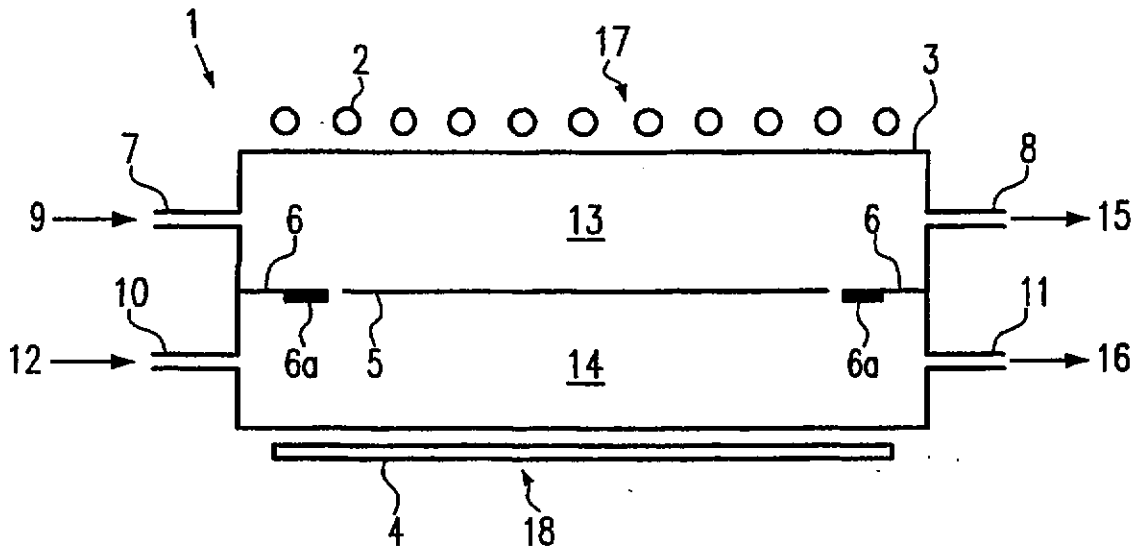


FIG. 1

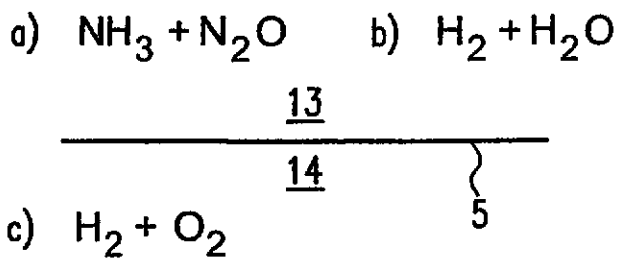


FIG. 2a

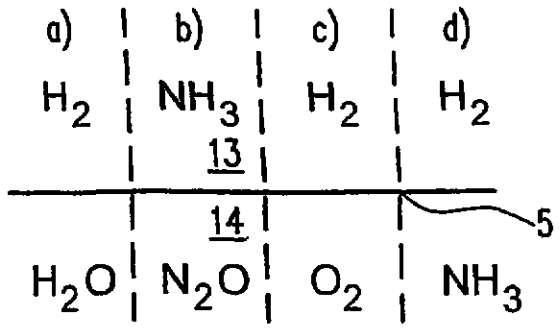


FIG. 2b

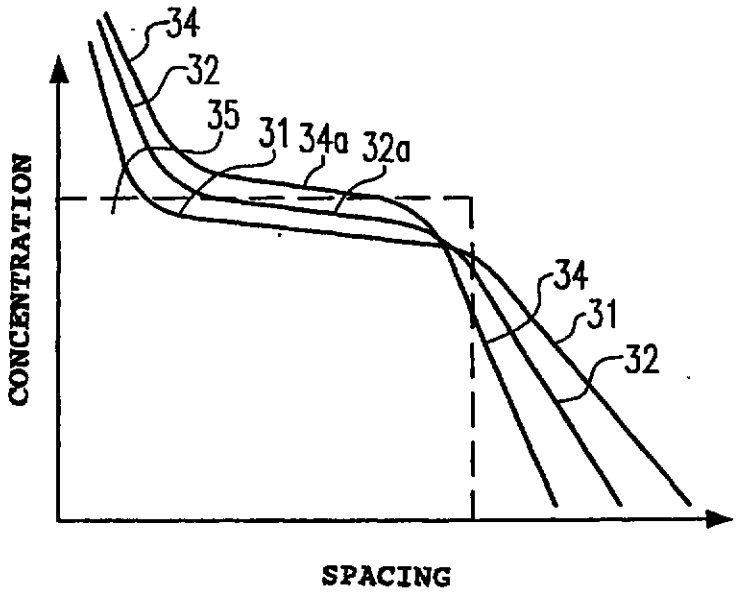

34
32
35
31
34a
32a
CONCENTRATION
34
31
32
SPACING

FIG.3

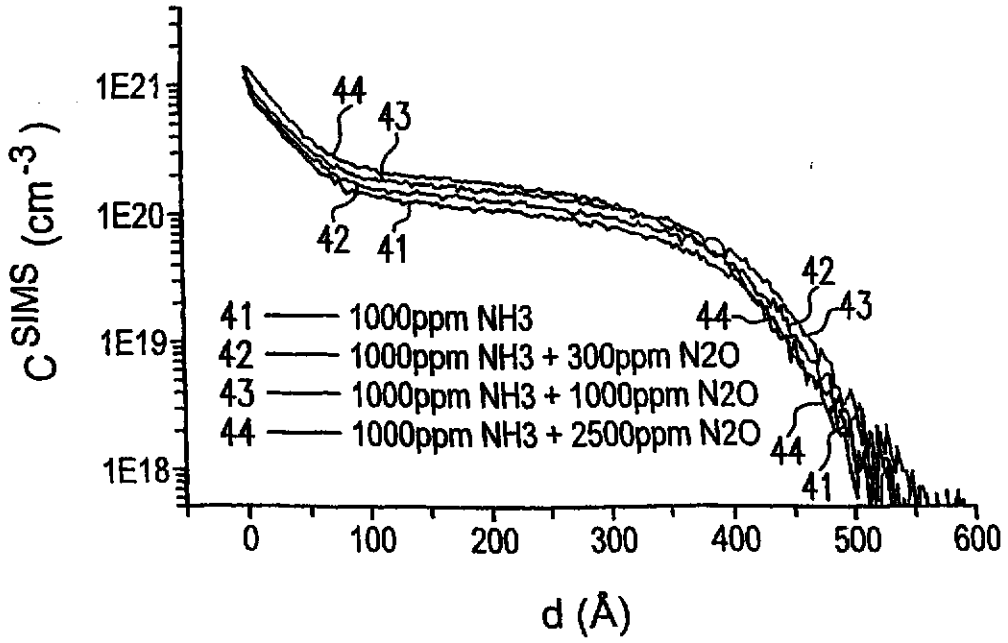

1E21
1E20
1E19
1E18
C SIMS (cm-3)
44
43
42
41
41 —— 1000ppm NH3
42 —— 1000ppm NH3 + 300ppm N2O
43 —— 1000ppm NH3 + 1000ppm N2O
44 —— 1000ppm NH3 + 2500ppm N2O
0
100
200
300
400
500
600
d (Å)

FIG.4

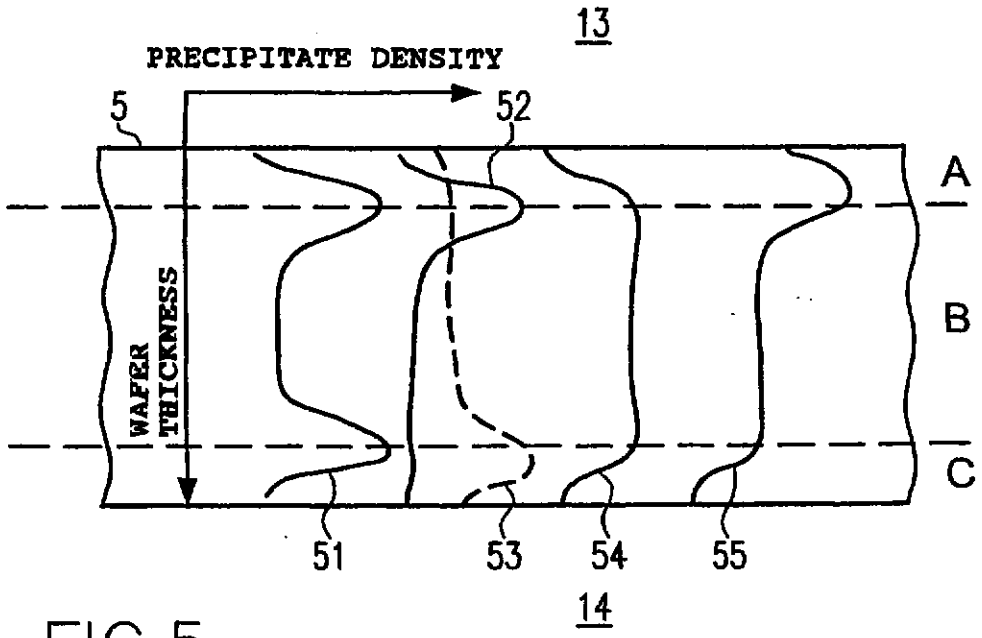

13
PRECIPITATE DENSITY
5
52
A
B
C
WAFER THICKNESS
51
53
54
55
14

FIG.5

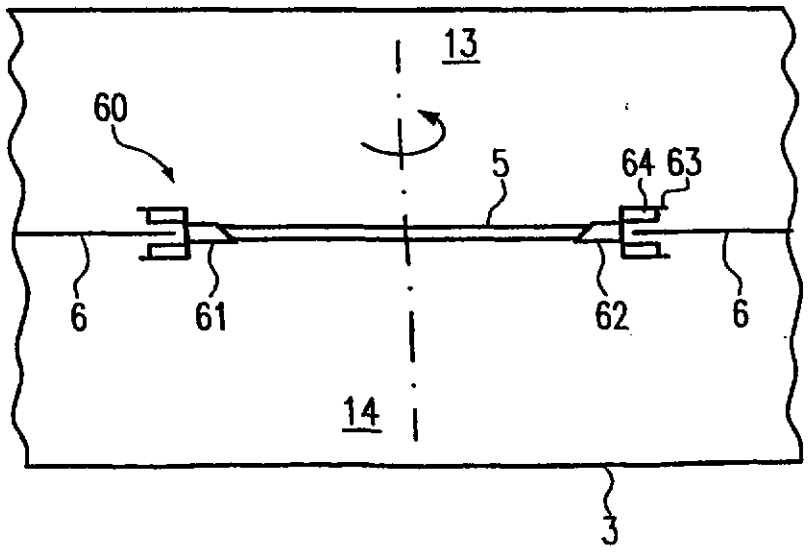

13
60
5
64 63
6
61
62
6
14
3

FIG.6