FIG. 1

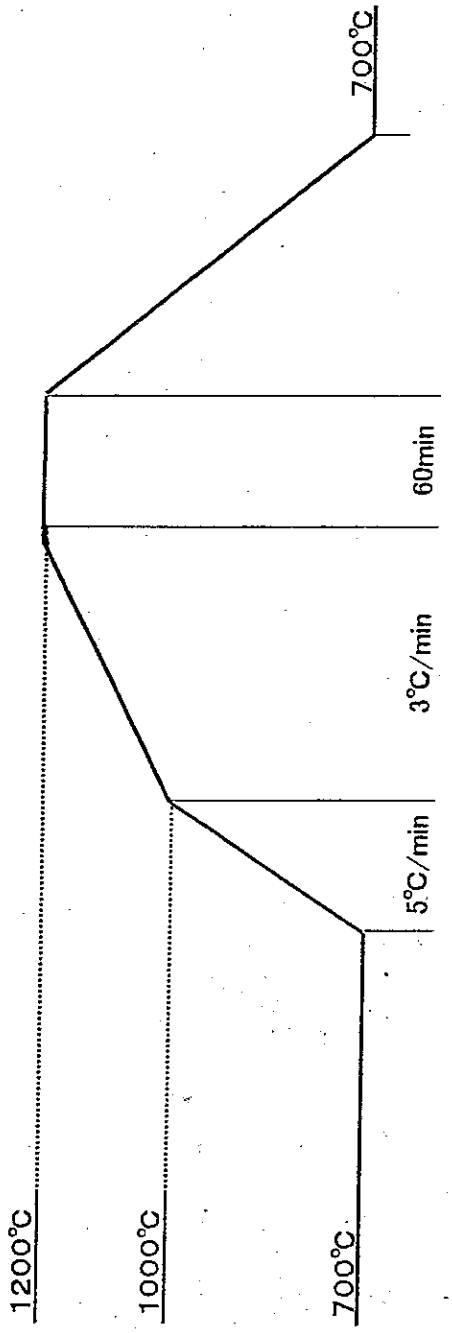


FIG. 2

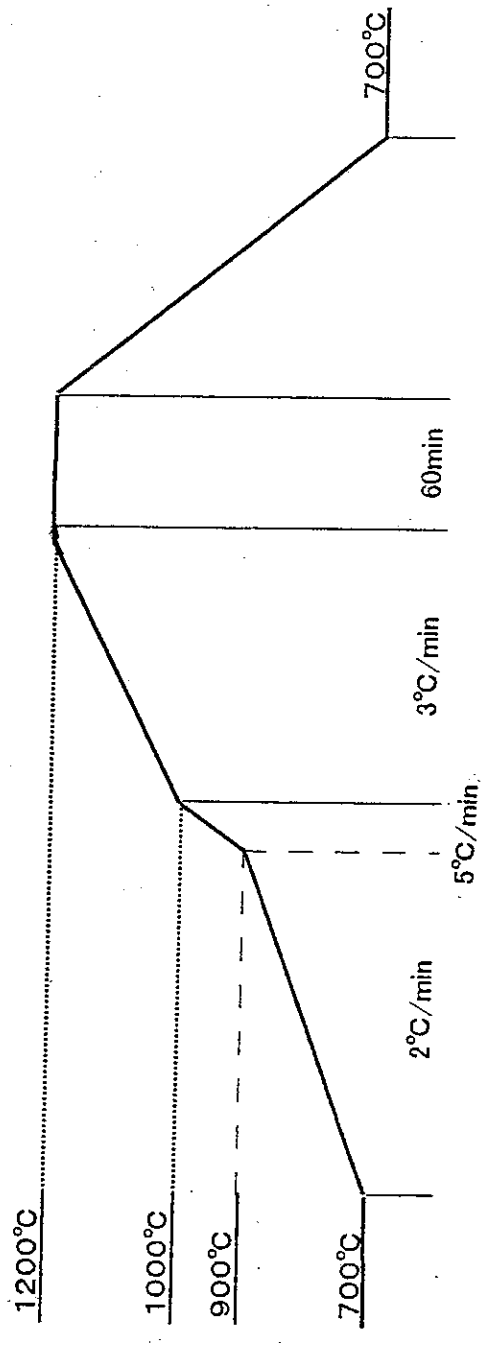


FIG. 3

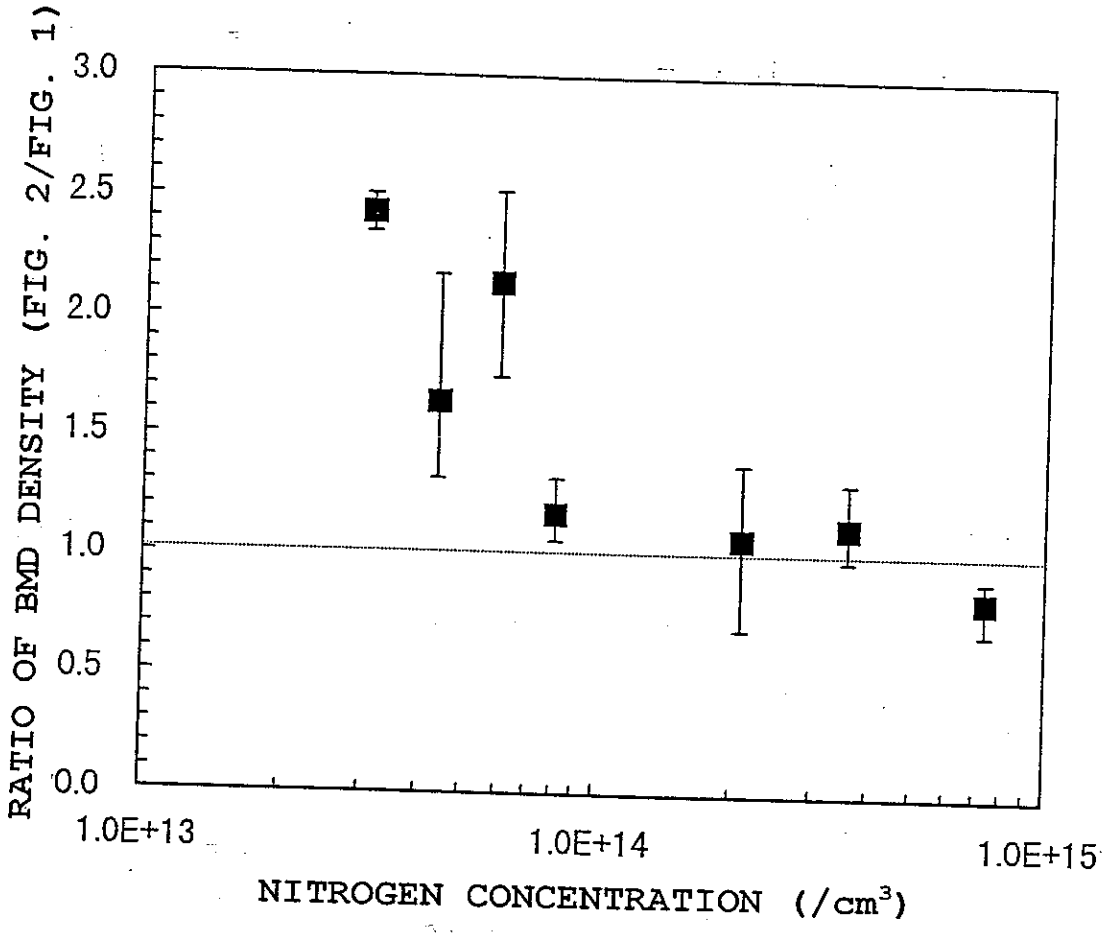
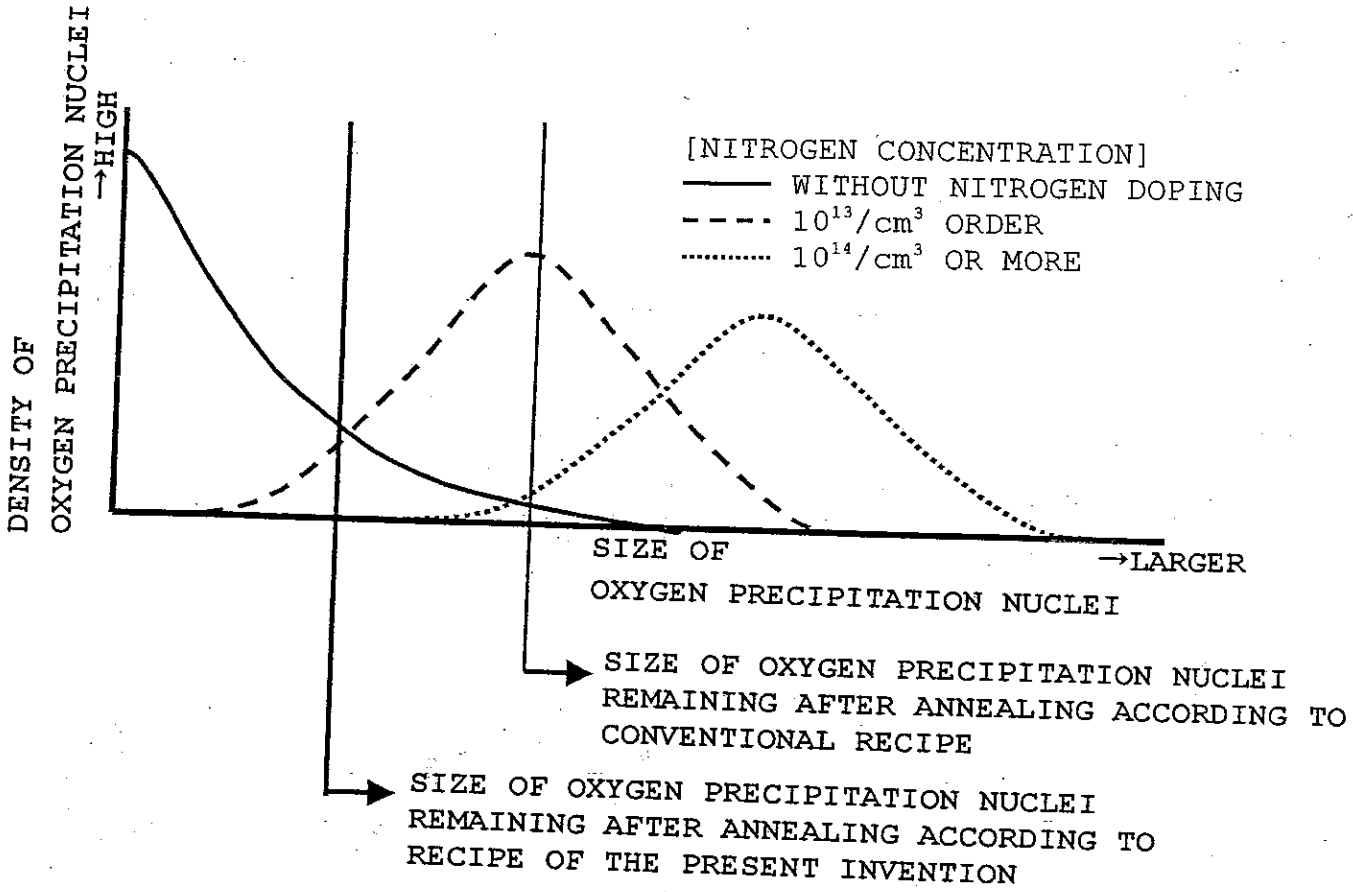

RATIO OF BMD DENSITY (FIG. 2/FIG. 1)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1.0E+13
1.0E+14
1.0E+15
NITROGEN CONCENTRATION (/cm³)

FIG. 4


DENSITY OF OXYGEN PRECIPITATION NUCLEI
→HIGH
[NITROGEN CONCENTRATION]
WITHOUT NITROGEN DOPING
$10^{13}/cm^3$ ORDER
$10^{14}/cm^3$ OR MORE
SIZE OF OXYGEN PRECIPITATION NUCLEI
→LARGER
SIZE OF OXYGEN PRECIPITATION NUCLEI REMAINING AFTER ANNEALING ACCORDING TO CONVENTIONAL RECIPE
SIZE OF OXYGEN PRECIPITATION NUCLEI REMAINING AFTER ANNEALING ACCORDING TO RECIPE OF THE PRESENT INVENTION