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FIG. 1 (PRIOR ART)

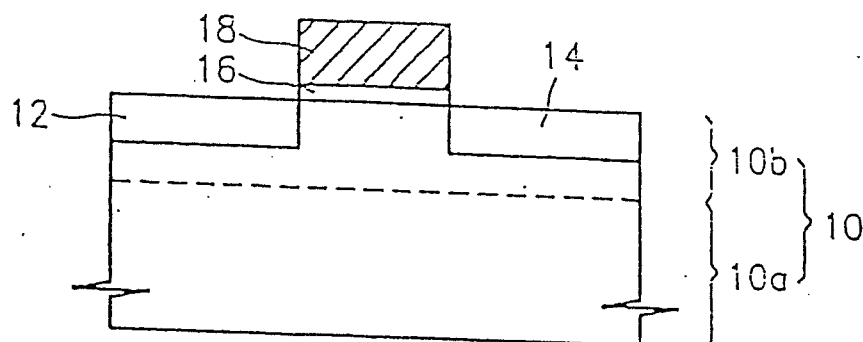


FIG. 2 (PRIOR ART)

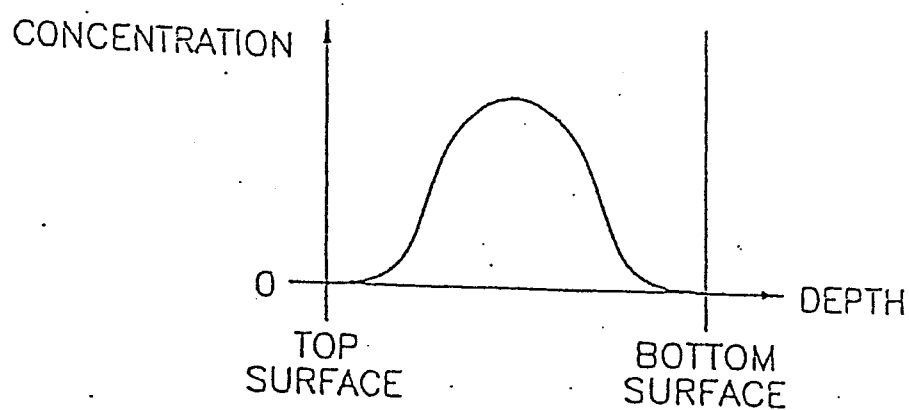
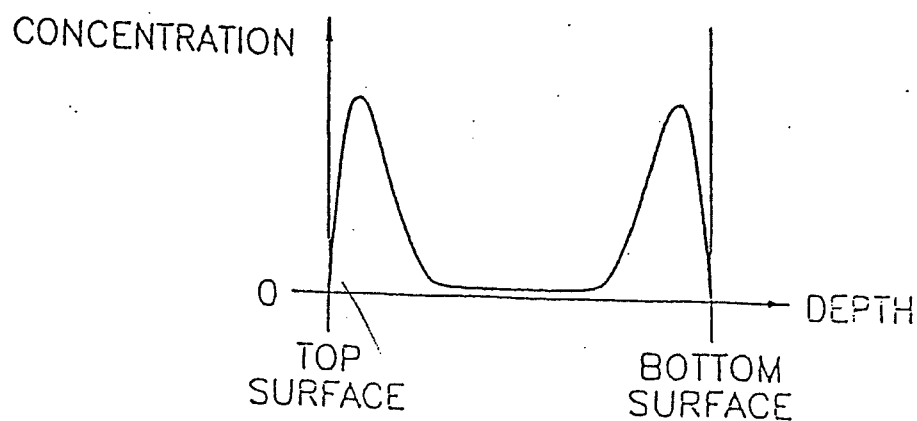


FIG. 3 (PRIOR ART)



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FIG. 4

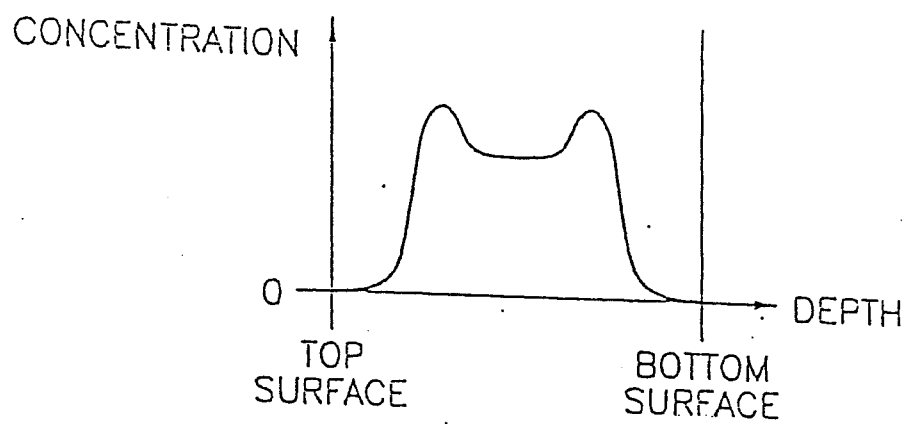
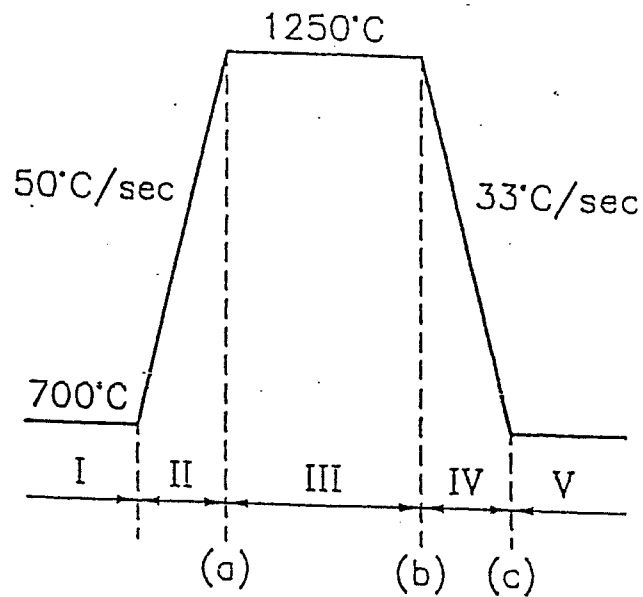


FIG. 5



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FIG. 6

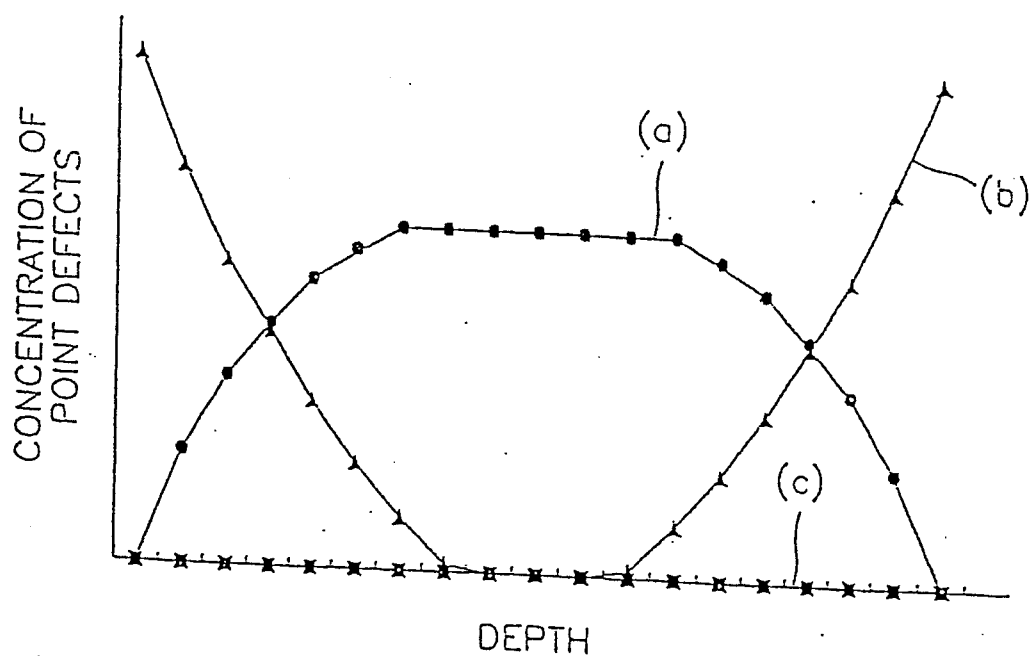


FIG. 7

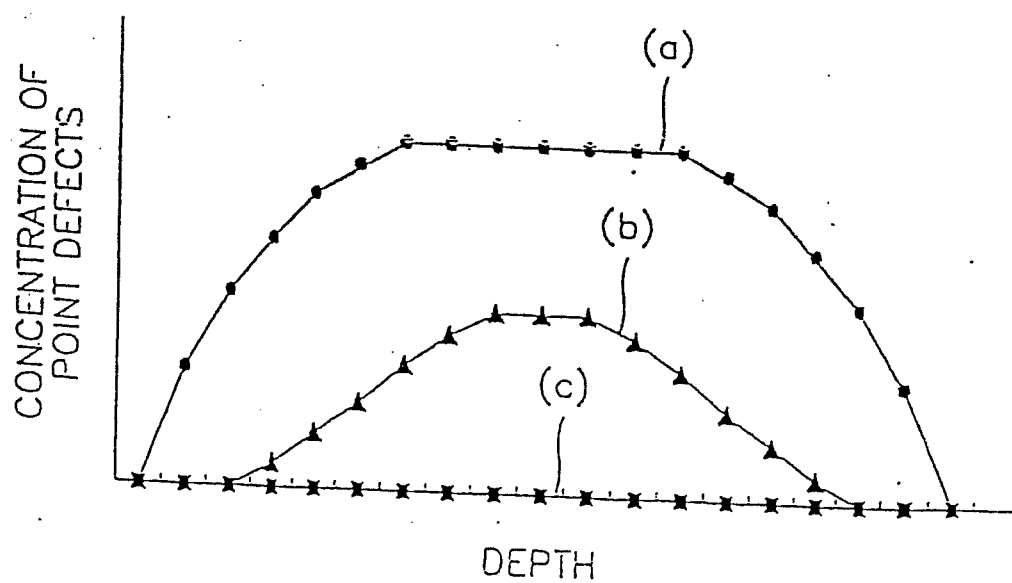


FIG. 8

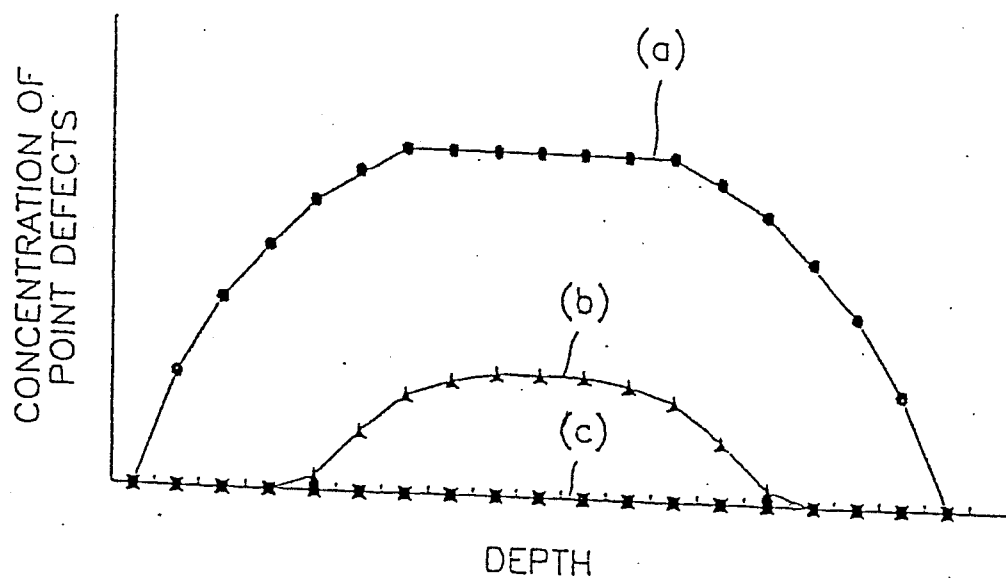


FIG. 9

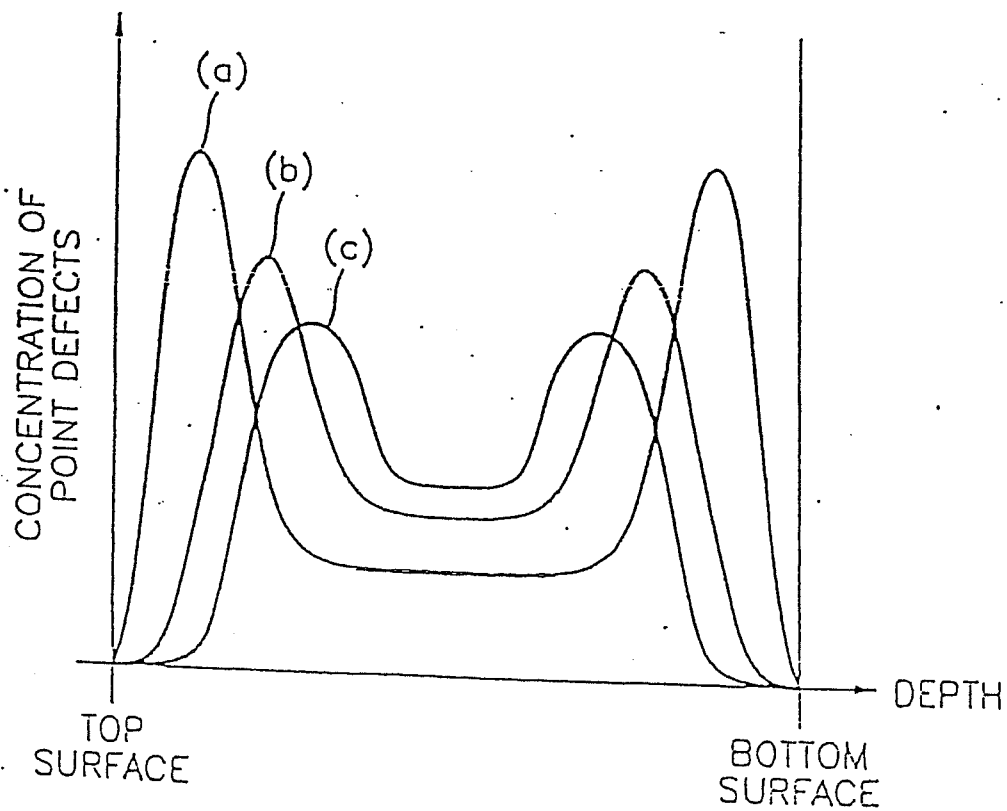
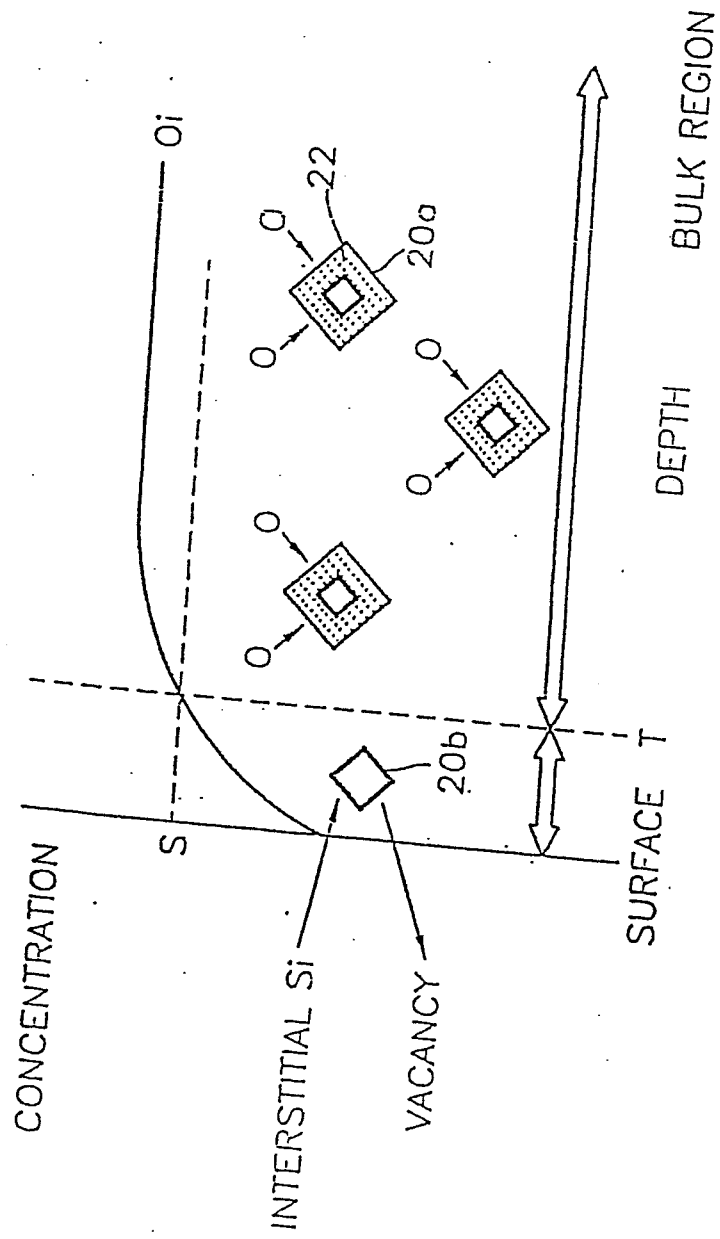


FIG. 11



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FIG. 12

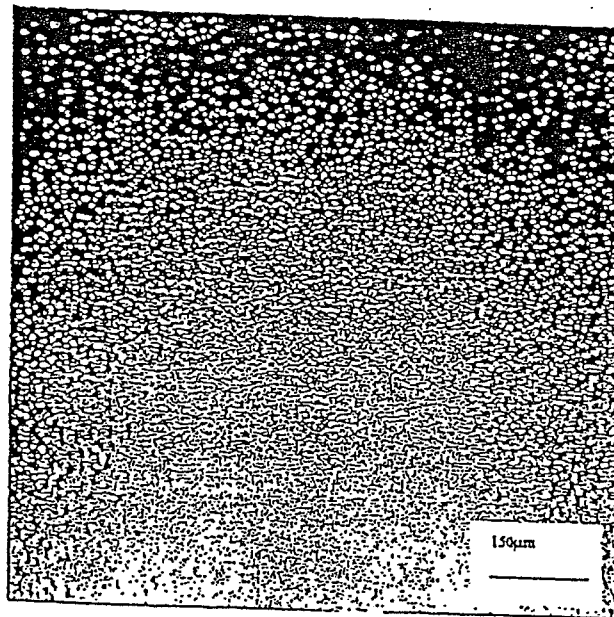
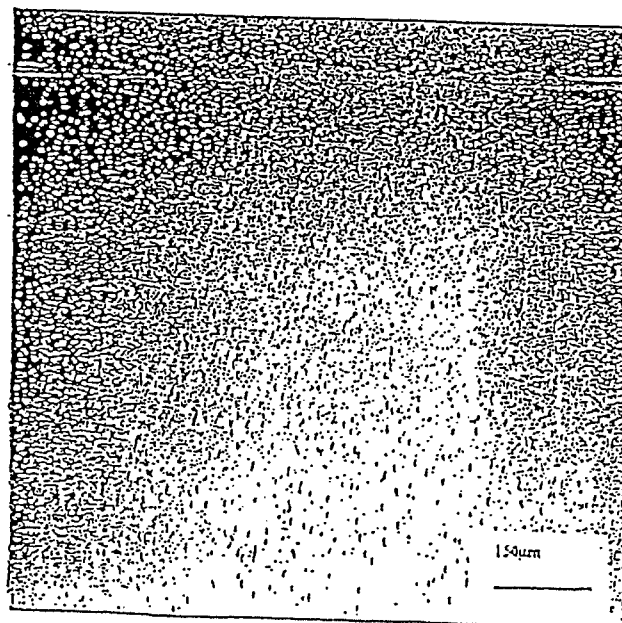


FIG. 13



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FIG. 14

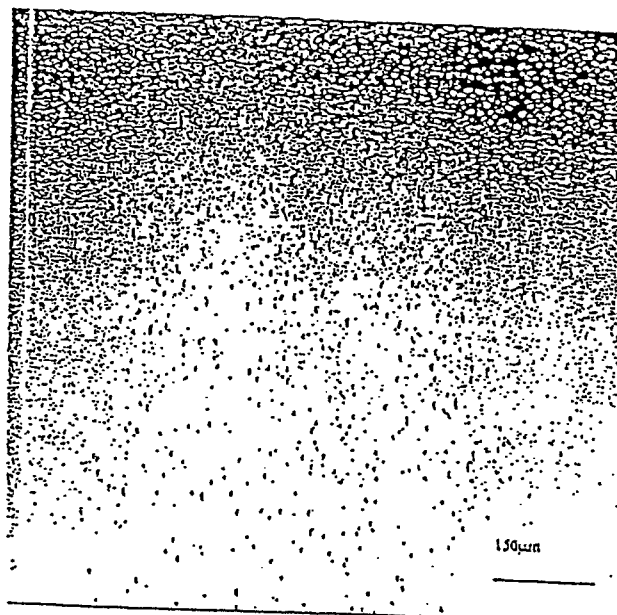


FIG. 15

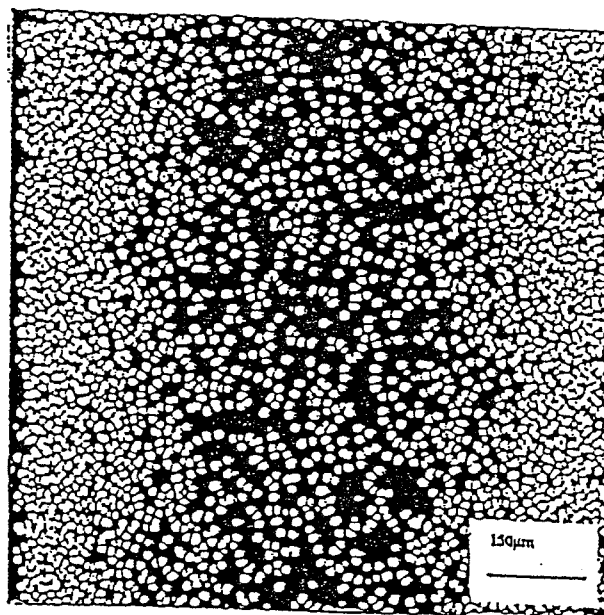
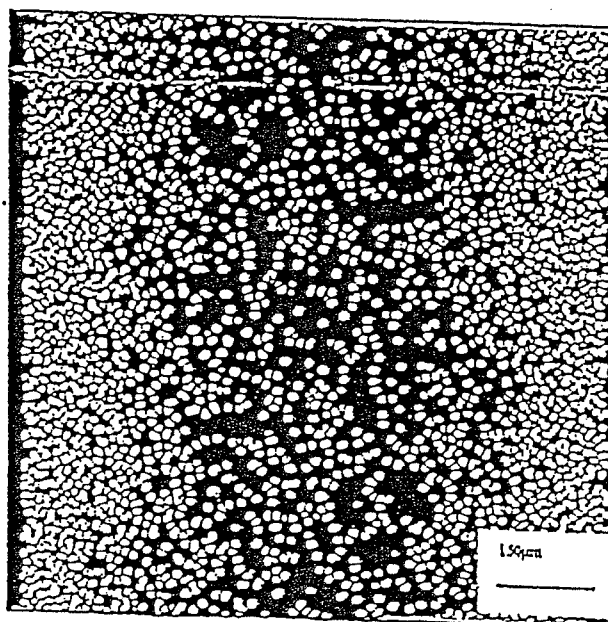


FIG. 16



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FIG. 17

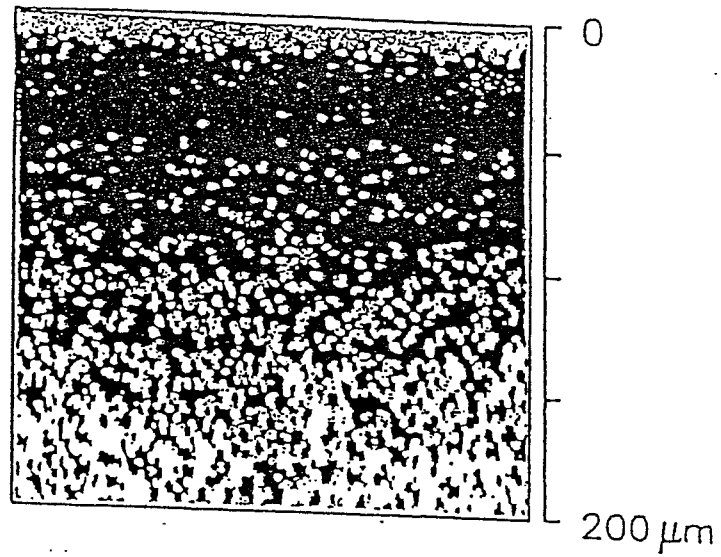


FIG. 18

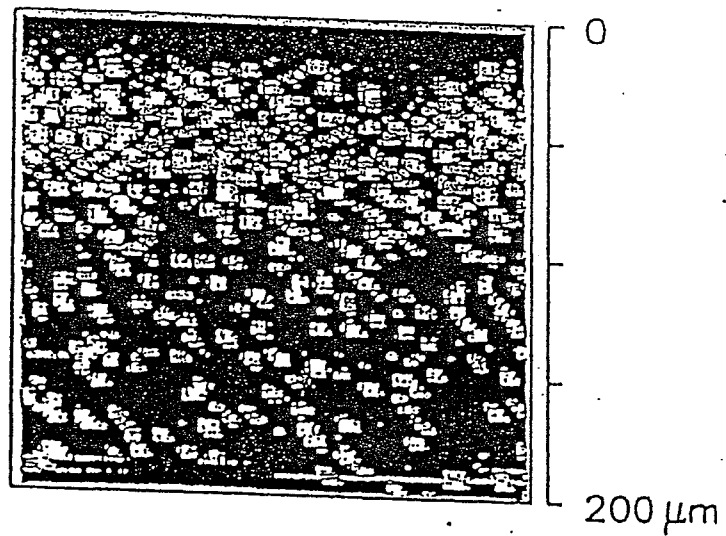
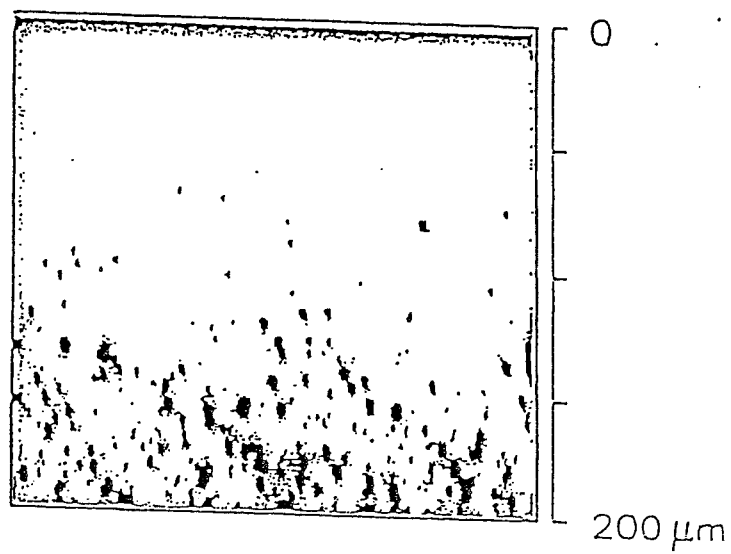


FIG. 19



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FIG. 20

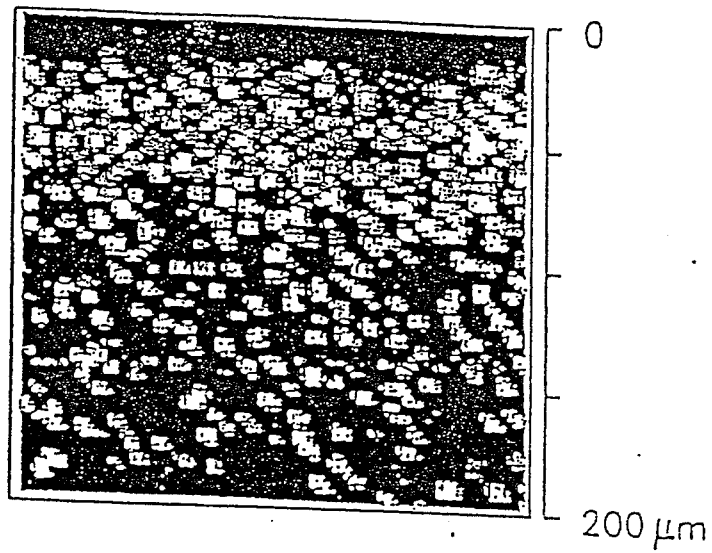


FIG. 21

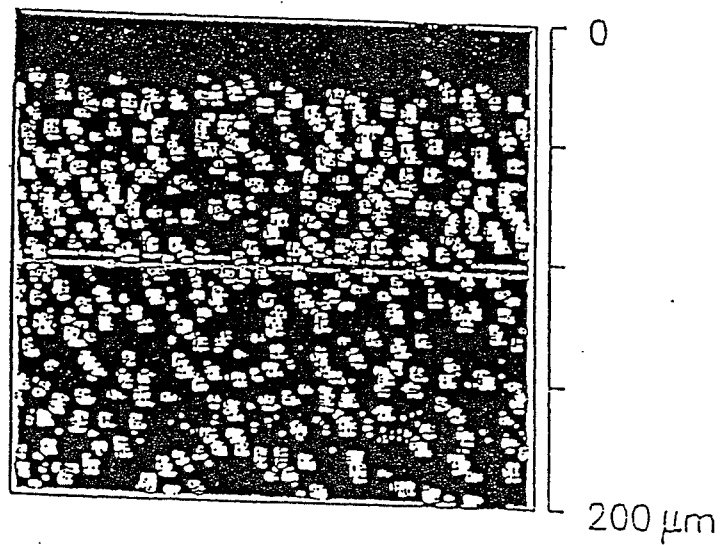


FIG. 22A

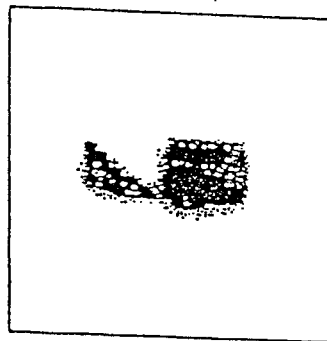


FIG. 22B

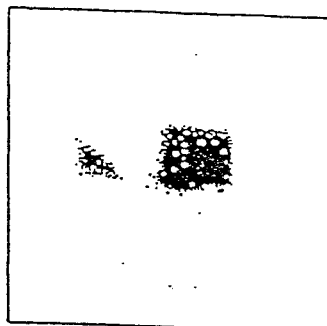


FIG. 23A

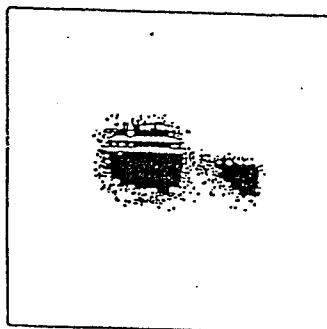
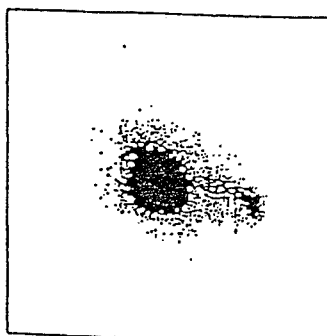


FIG. 23B



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FIG. 24A

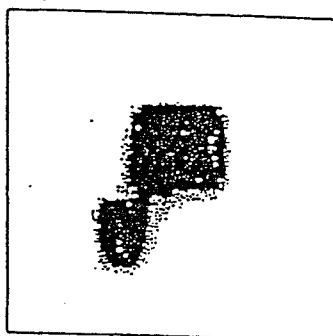


FIG. 24B

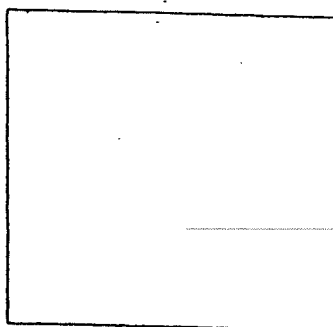


FIG. 25

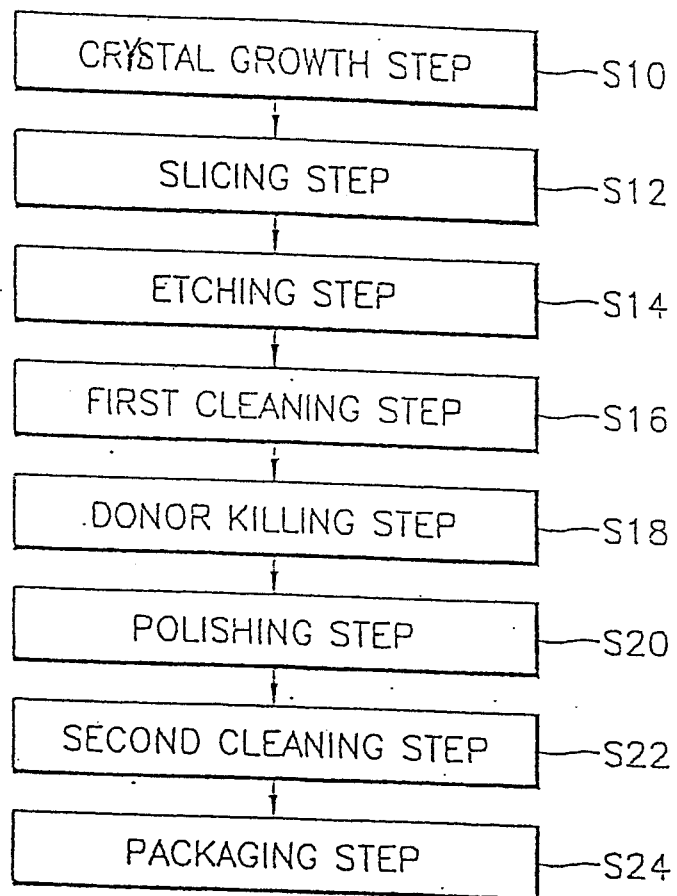


FIG. 26

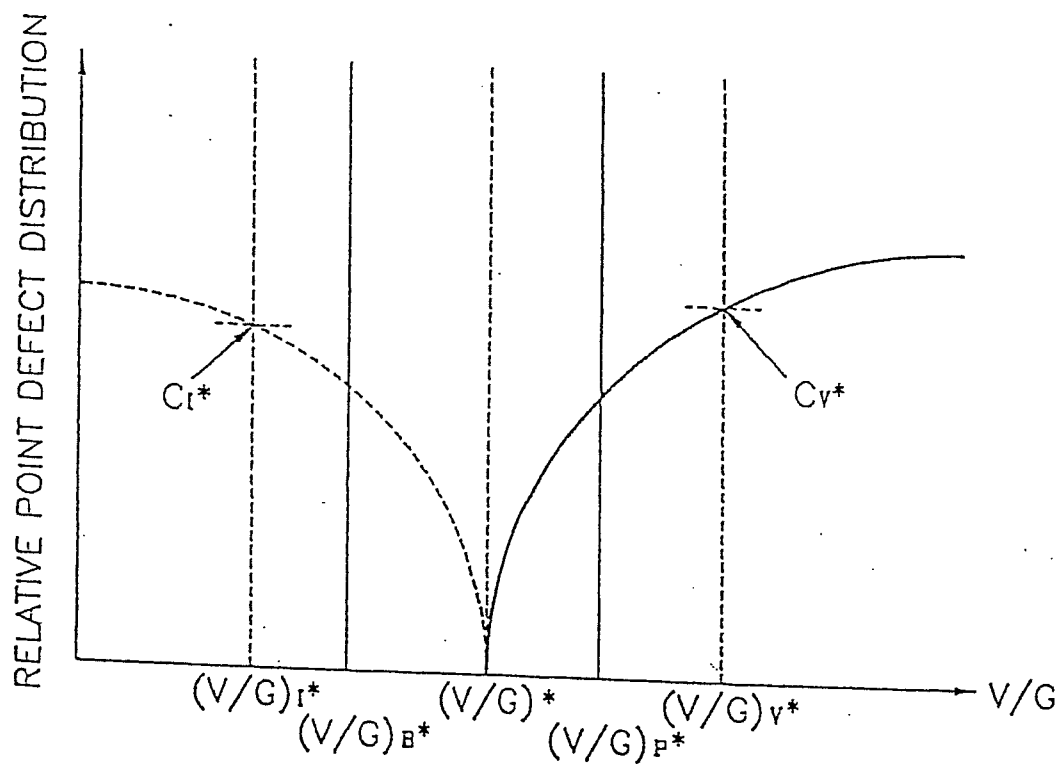


FIG. 27 (PRIOR ART)

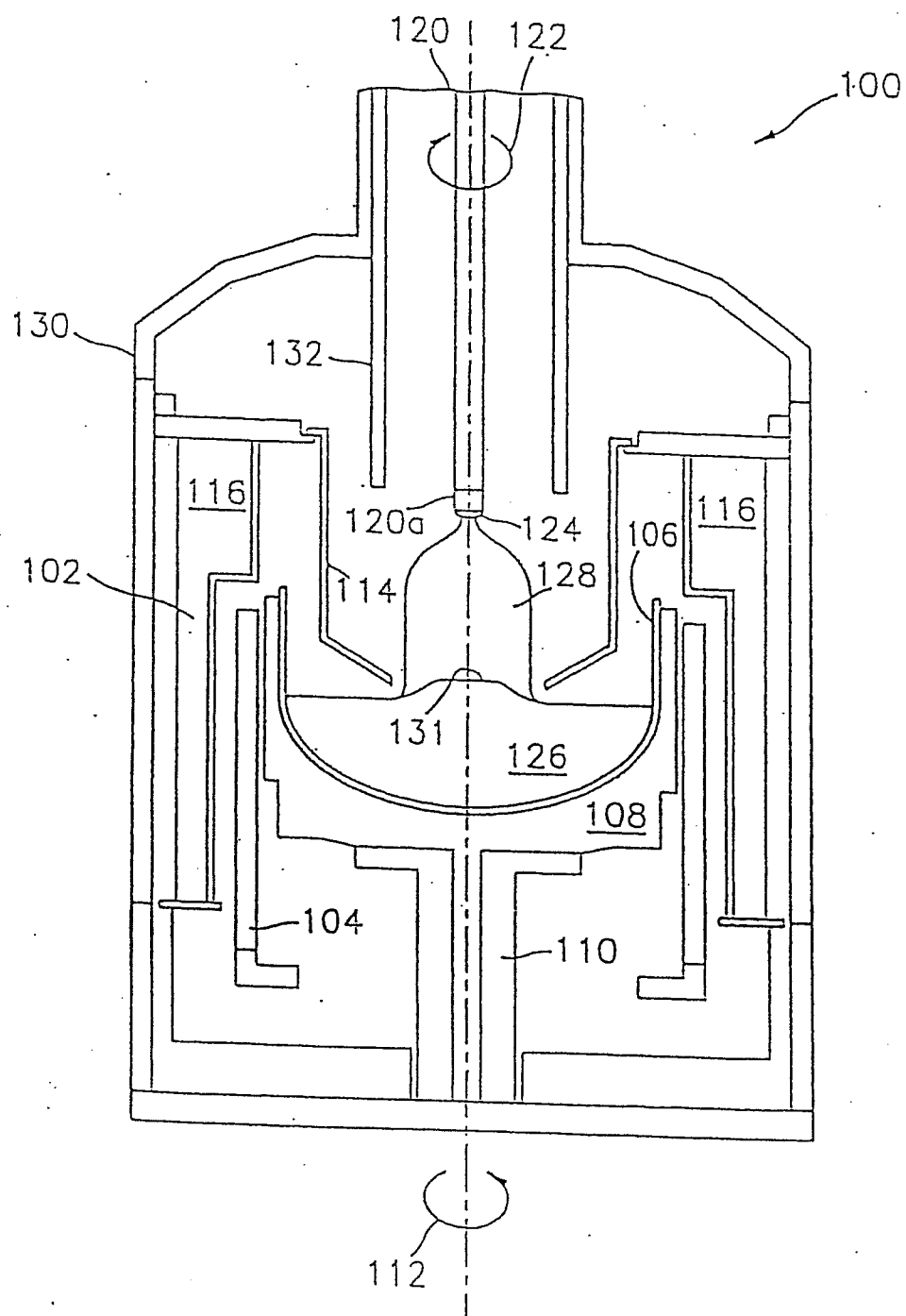


FIG. 28

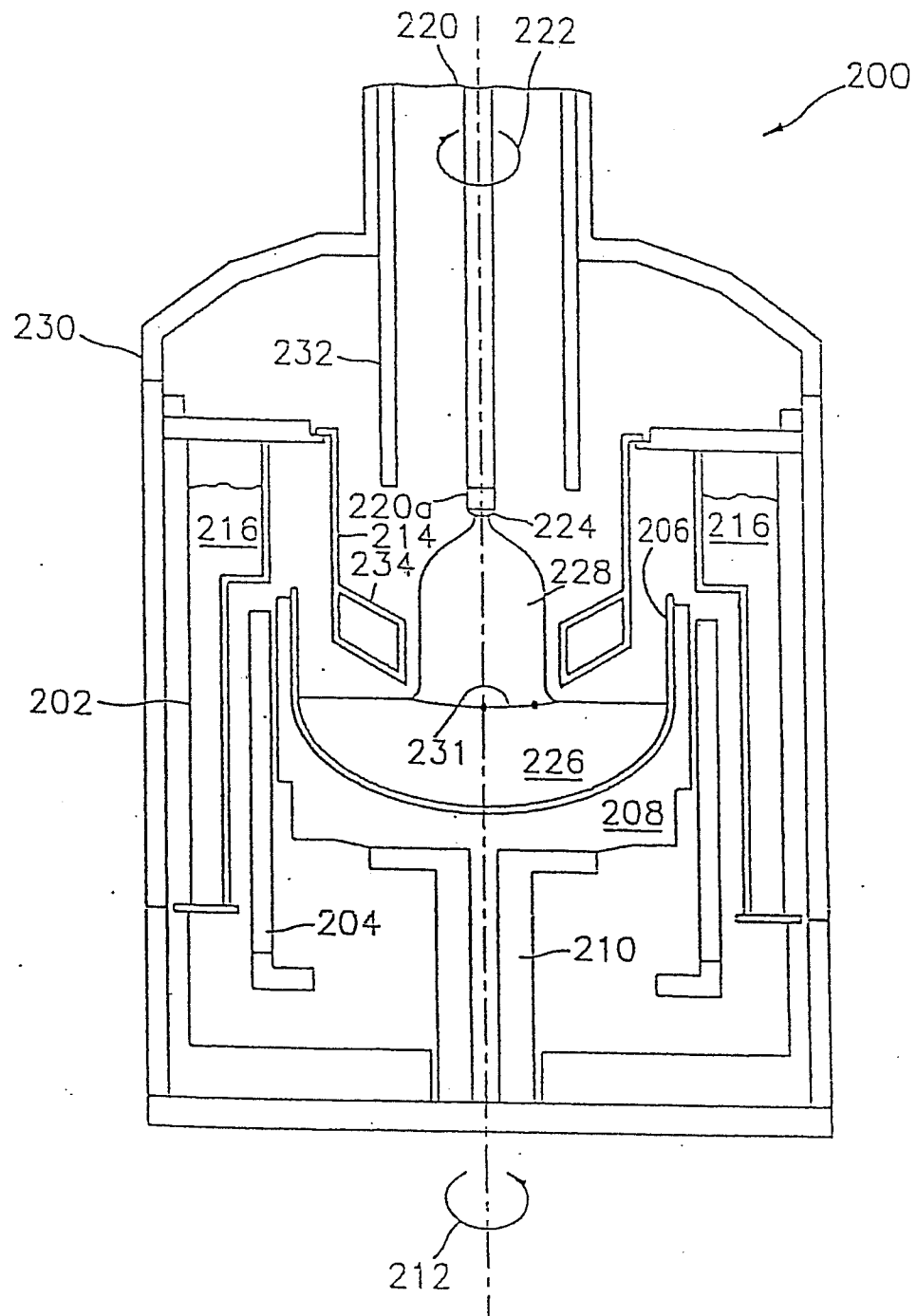


FIG. 29

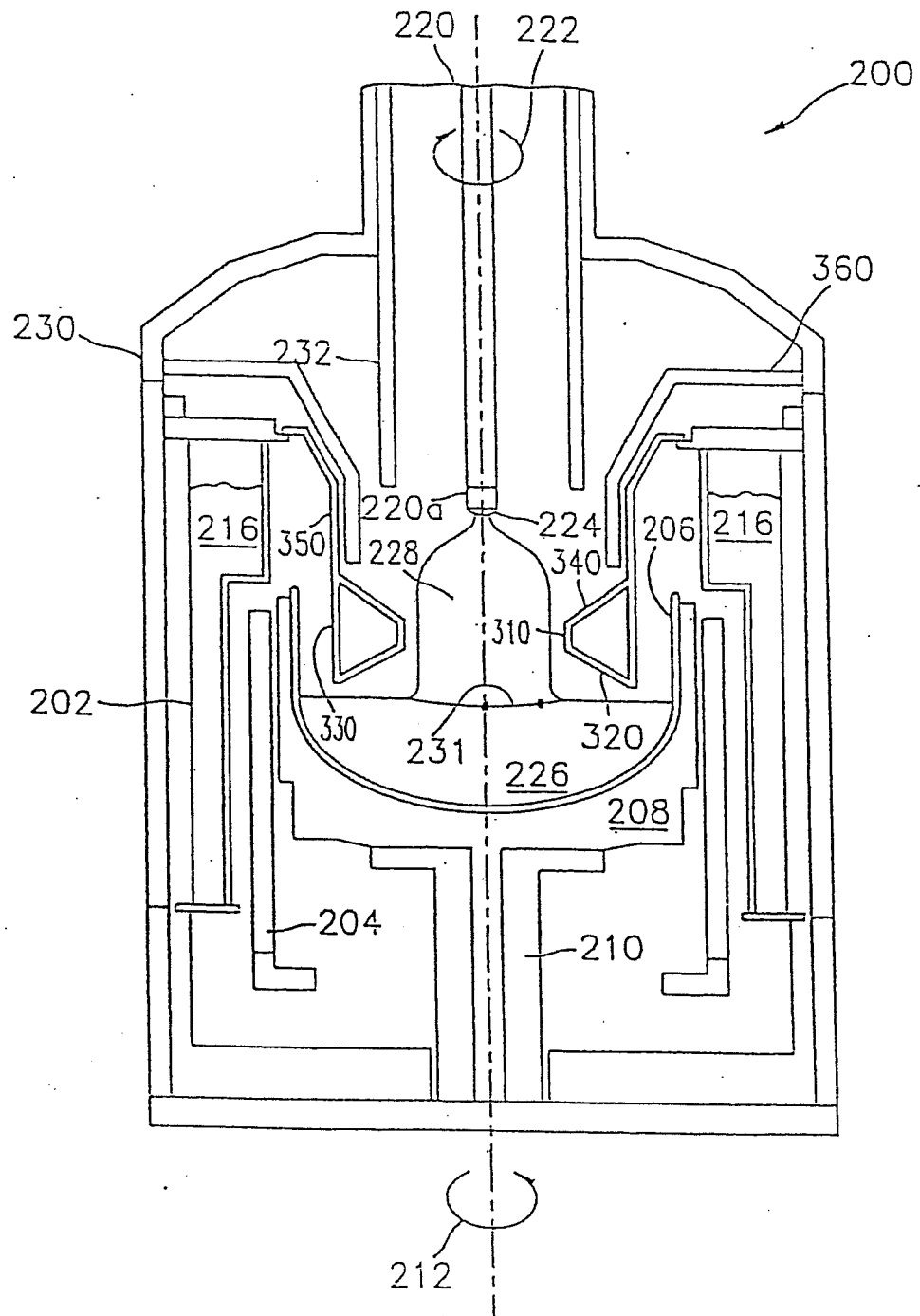
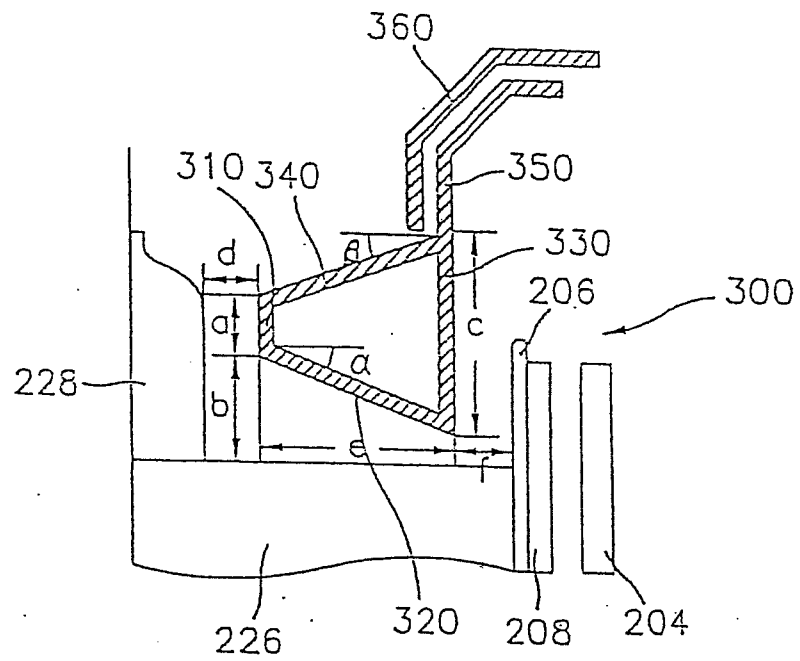


FIG. 30



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FIG. 31

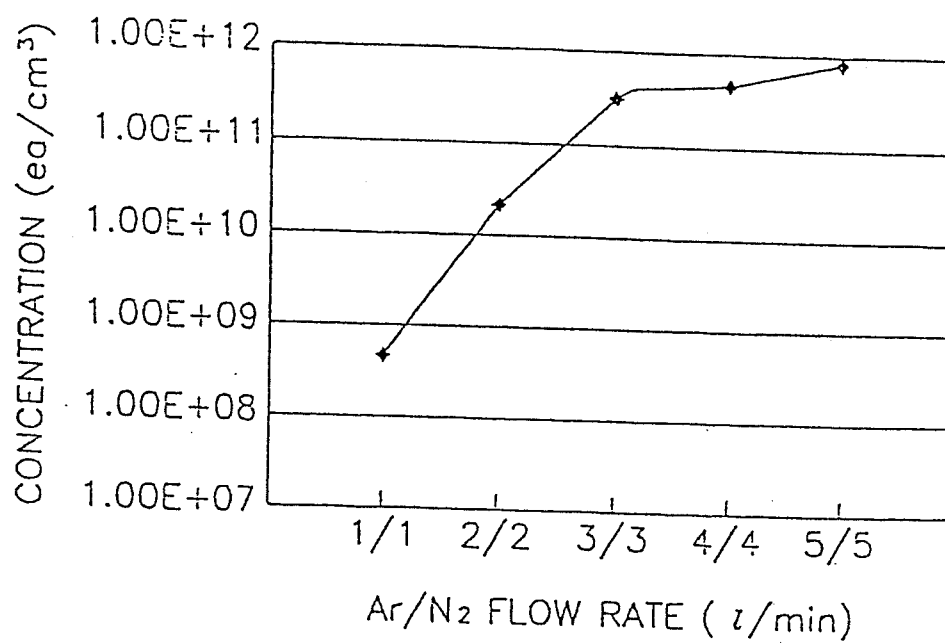
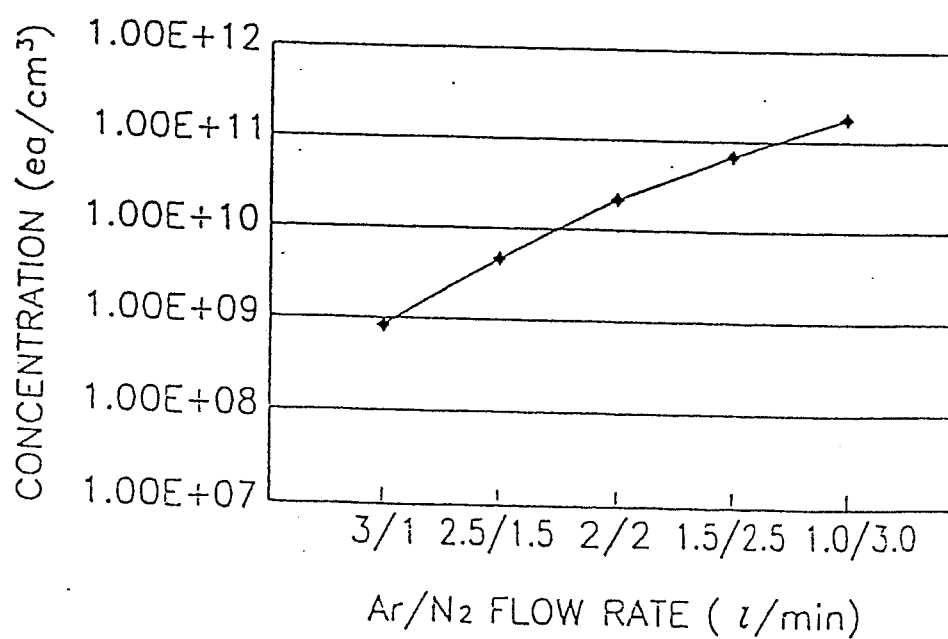


FIG. 32



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FIG. 33

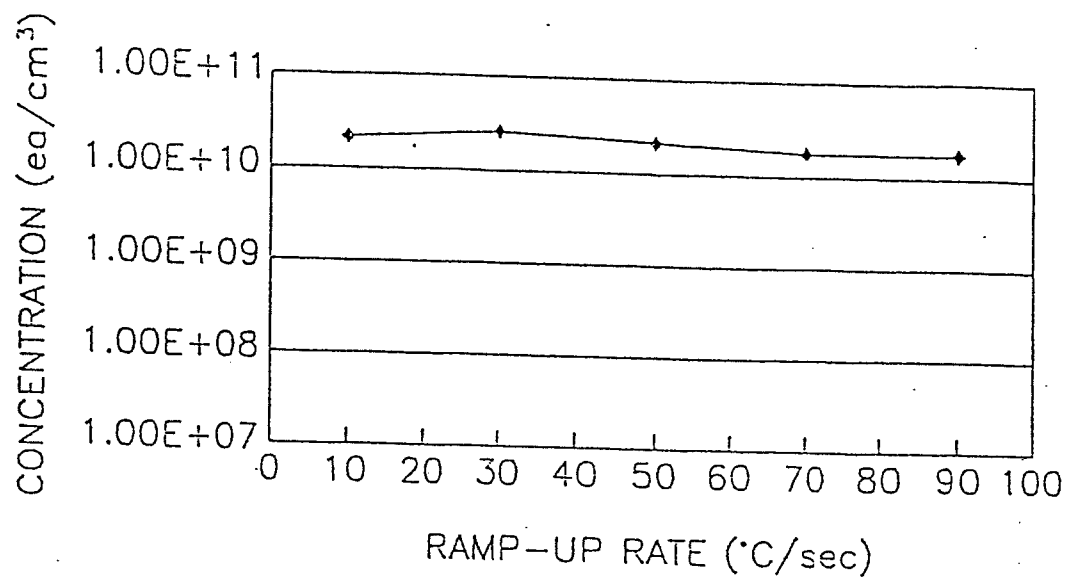
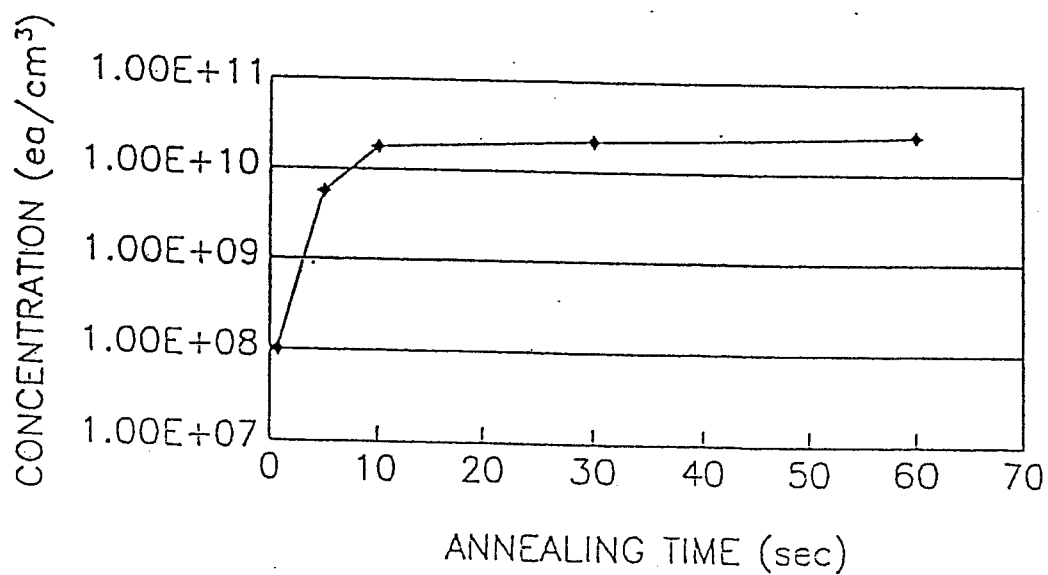


FIG. 34



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FIG. 35

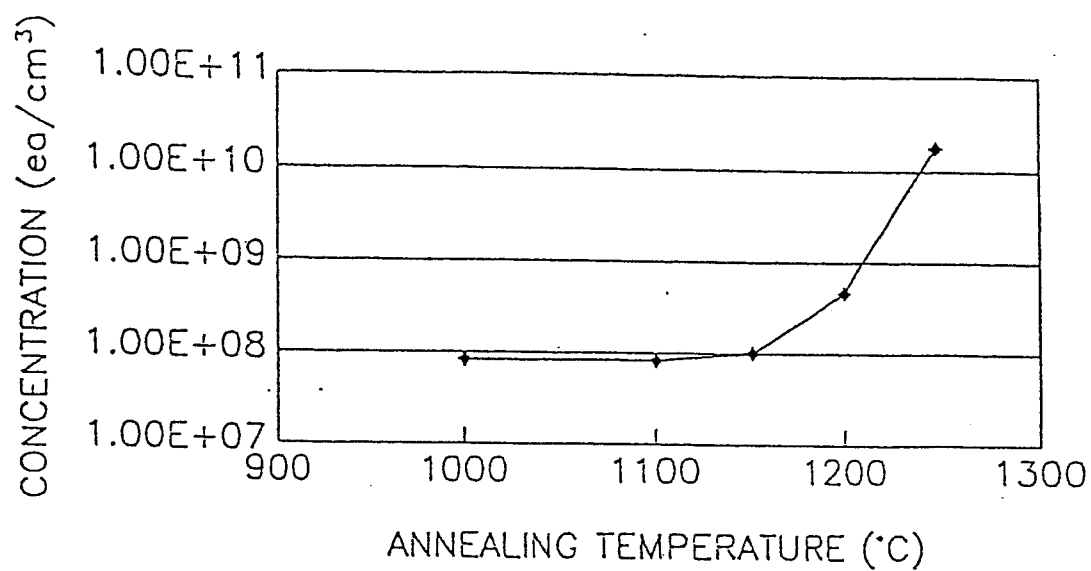


FIG. 36

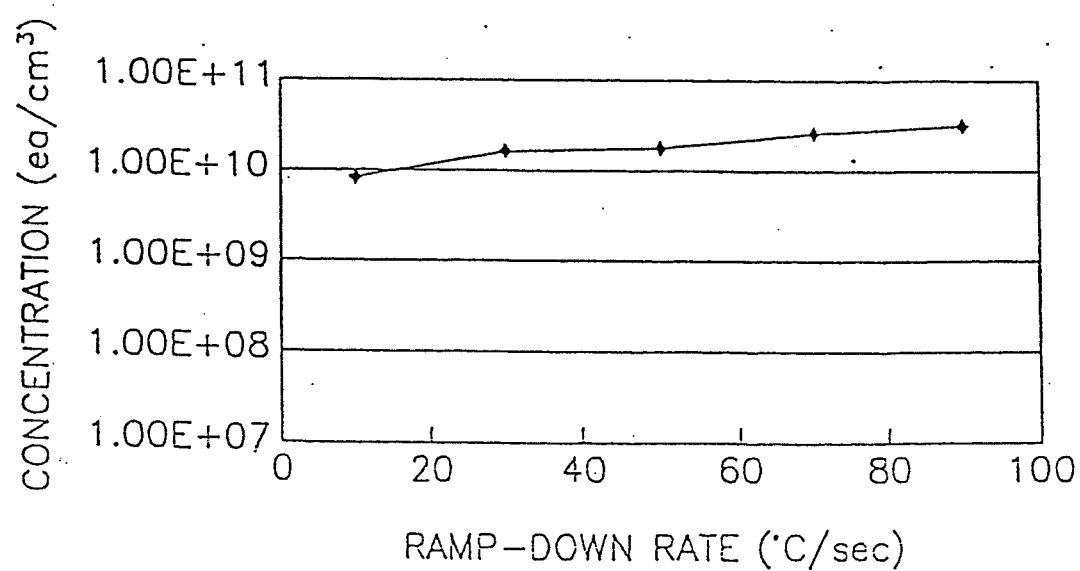


FIG. 37

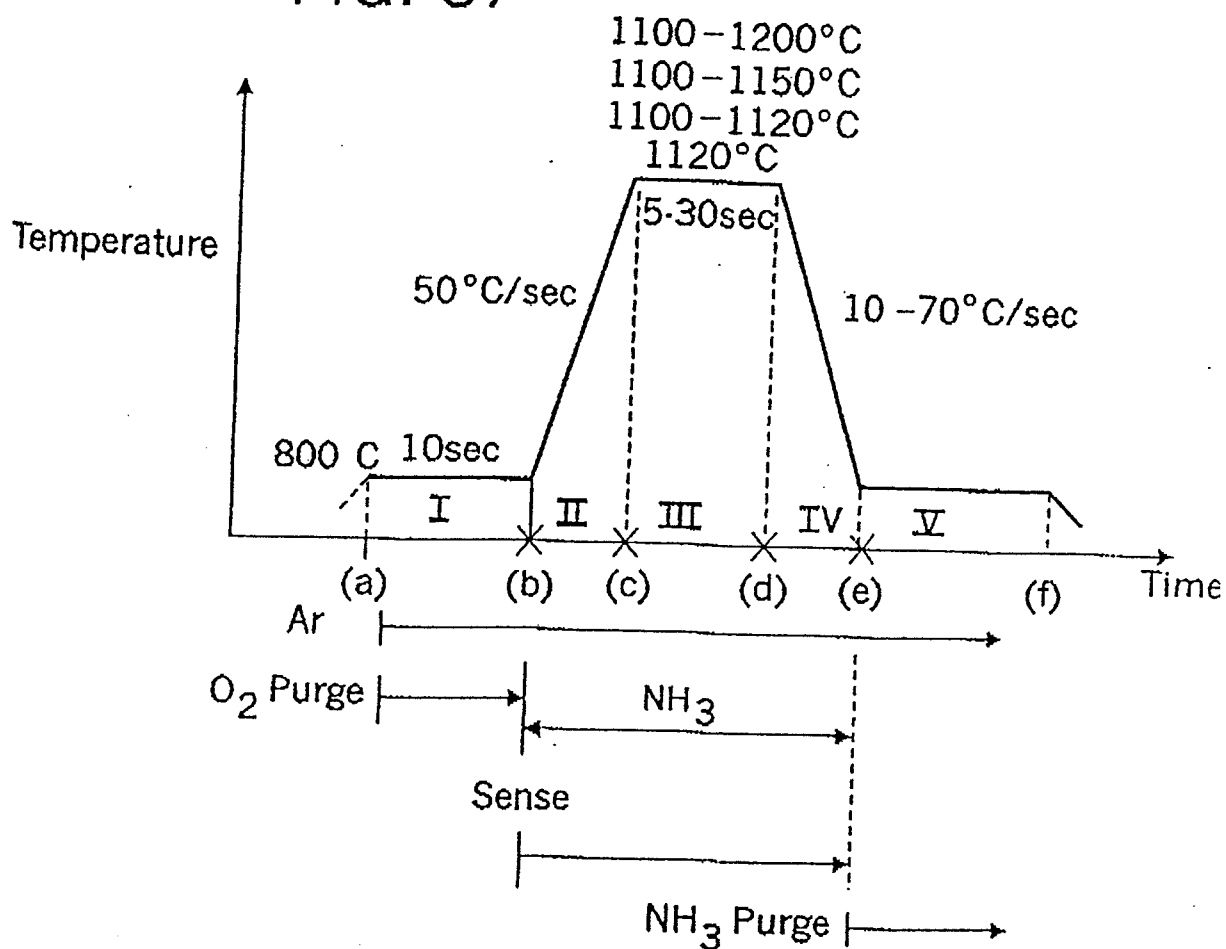


FIG. 51

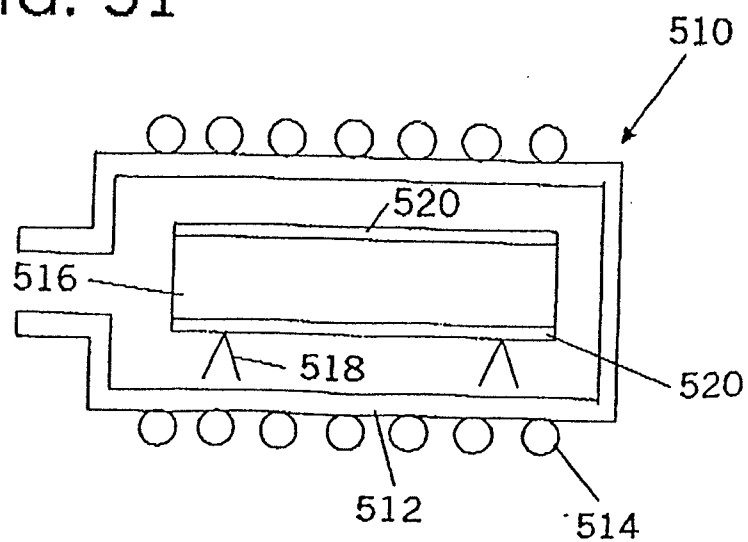


FIG. 38

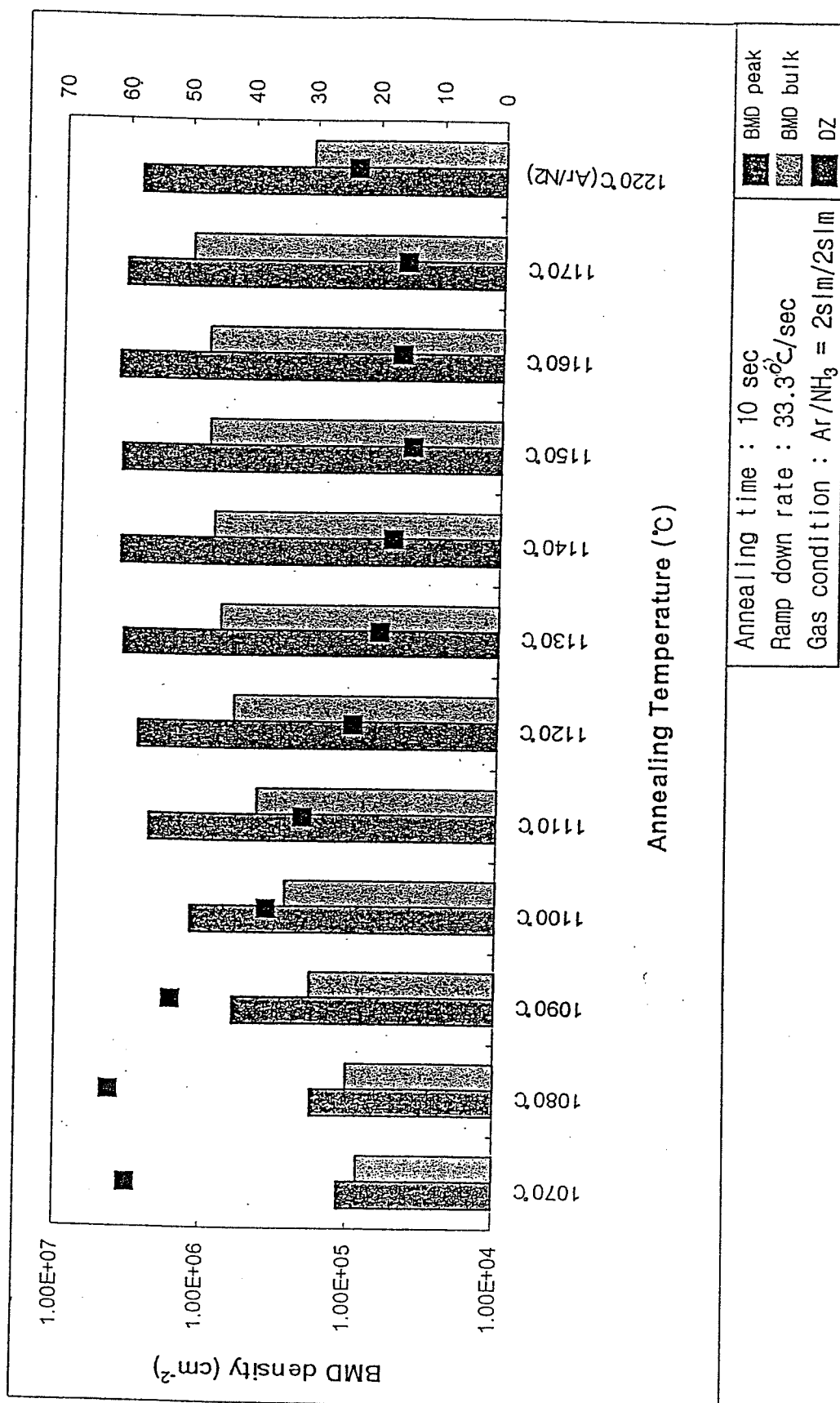


FIG. 39

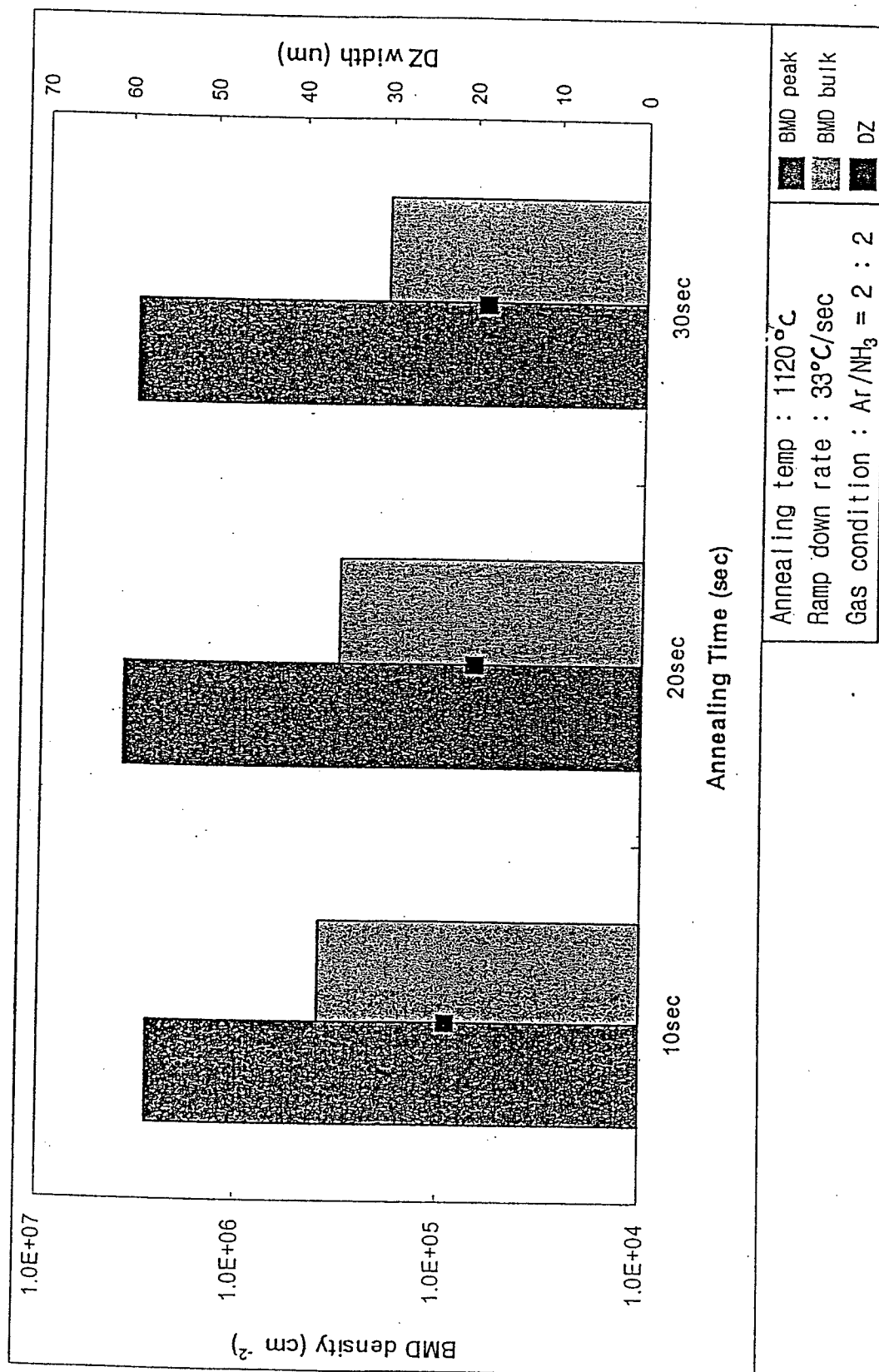


FIG. 40

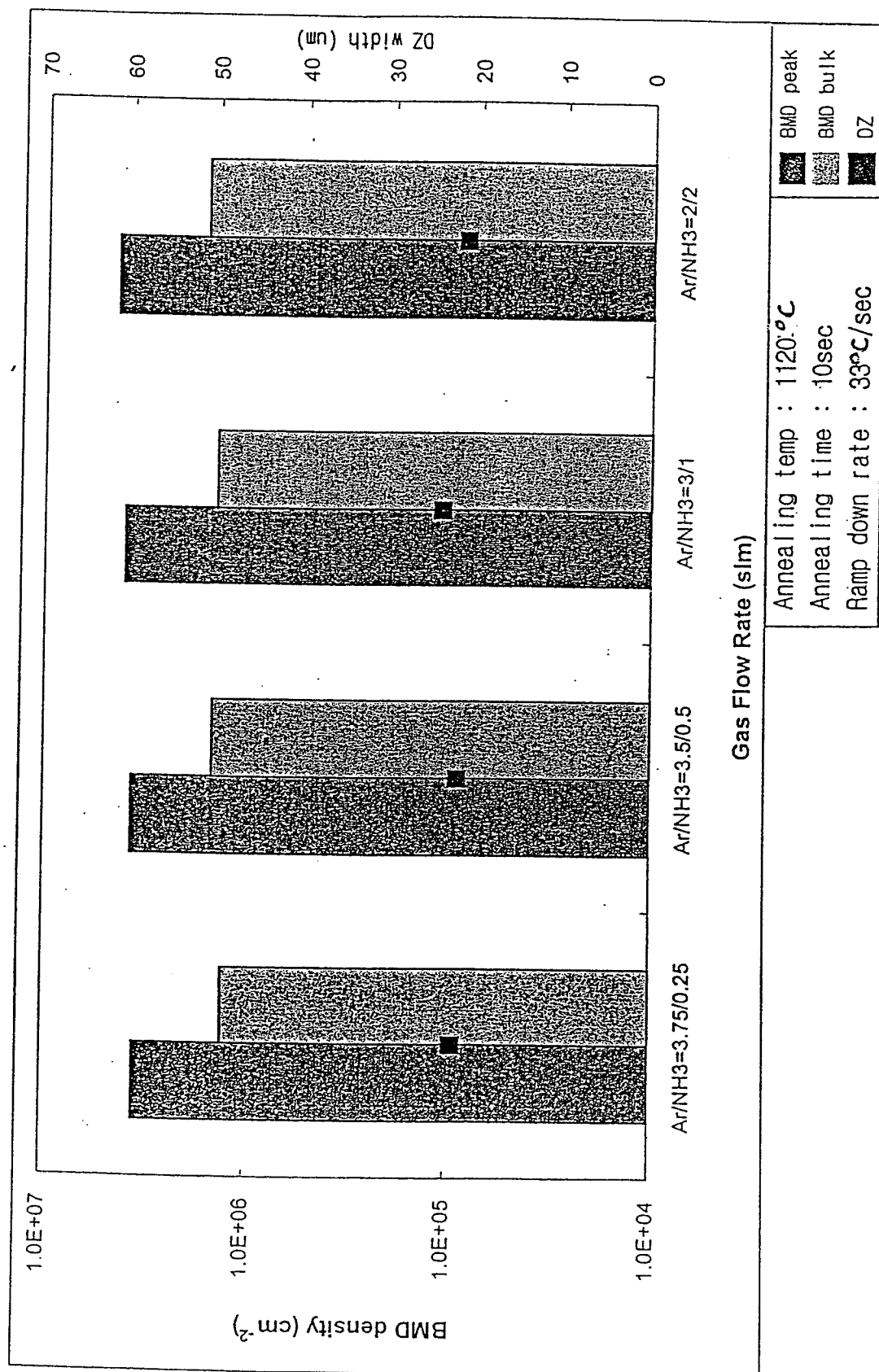


FIG. 41

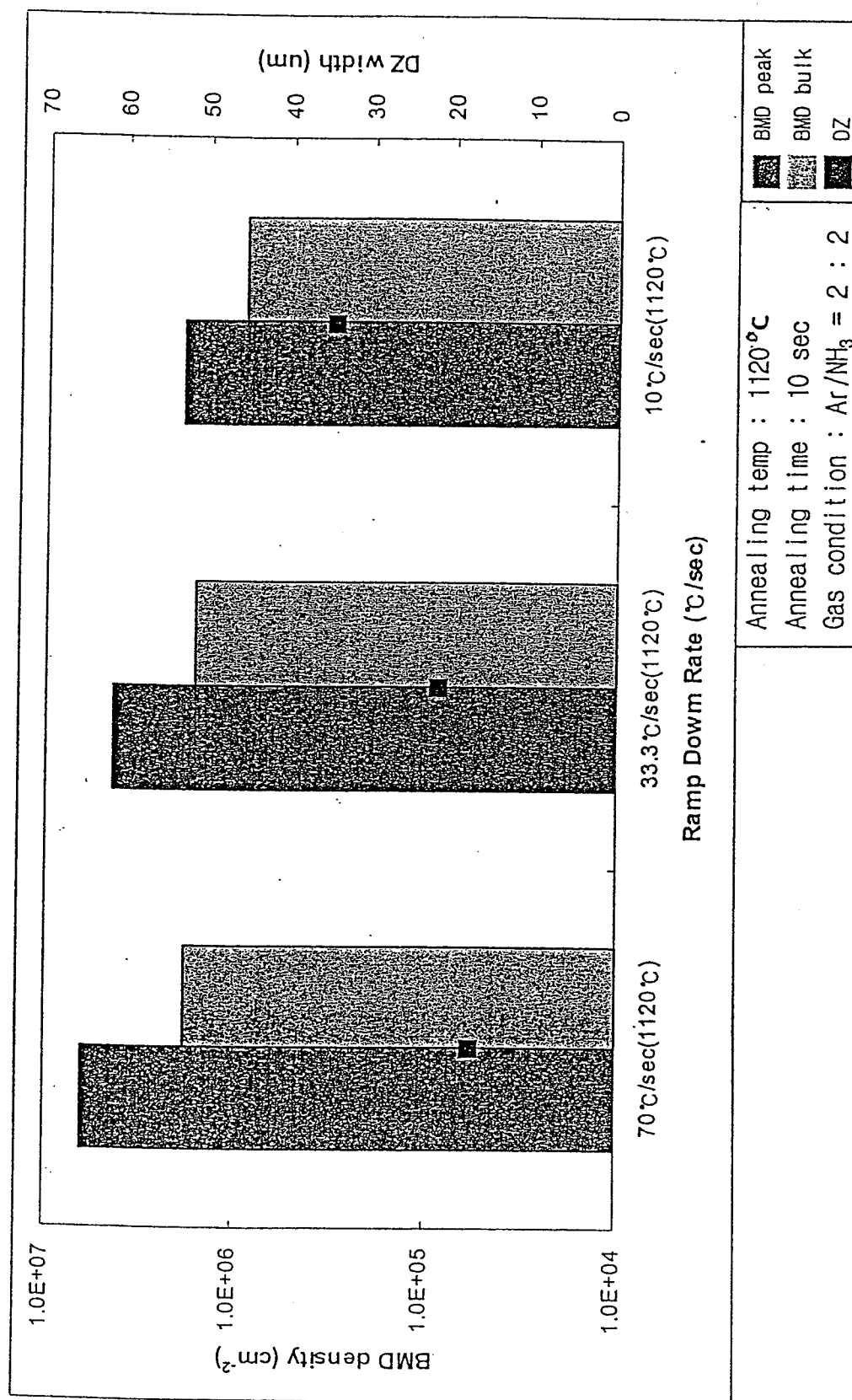


FIG. 42

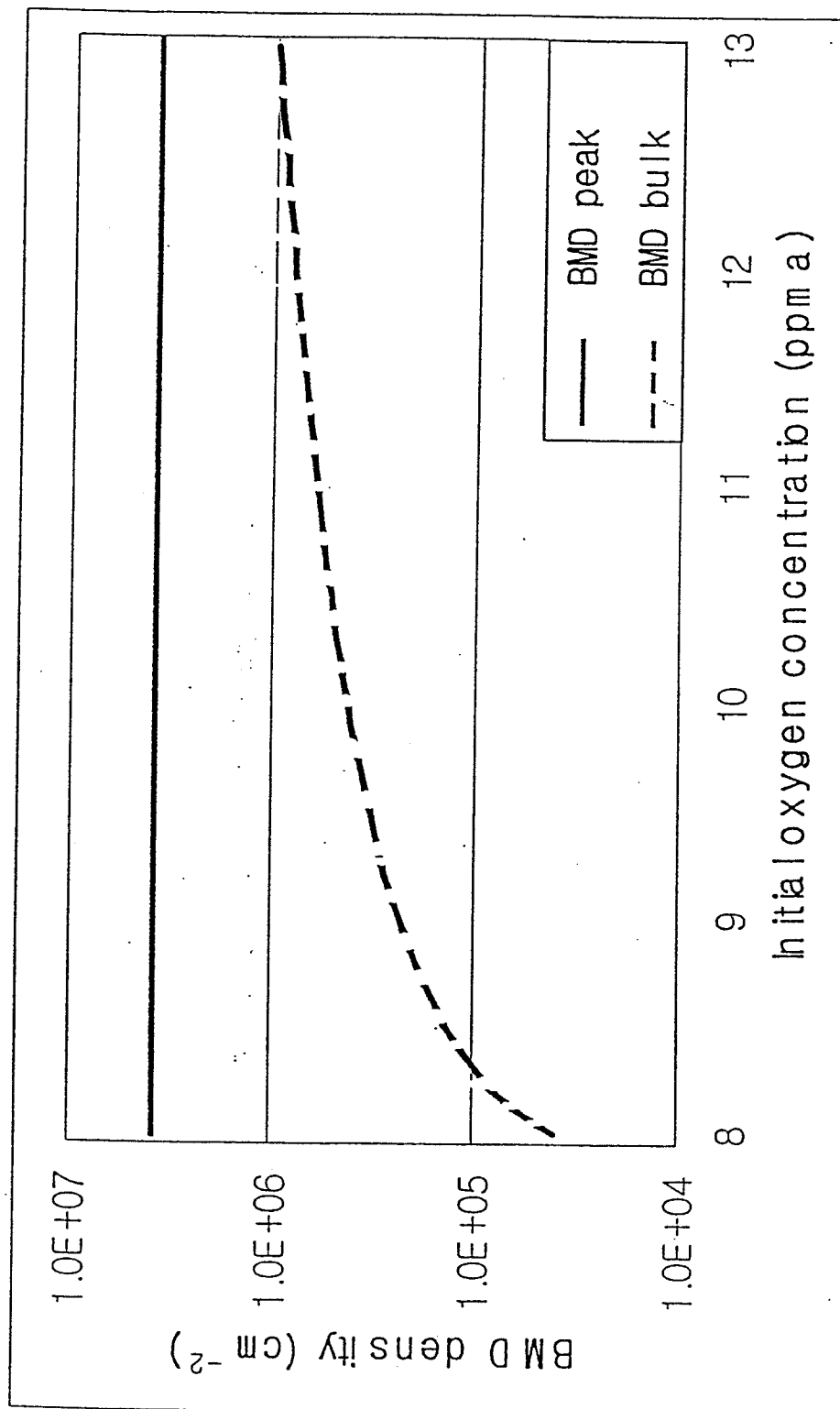


FIG. 43

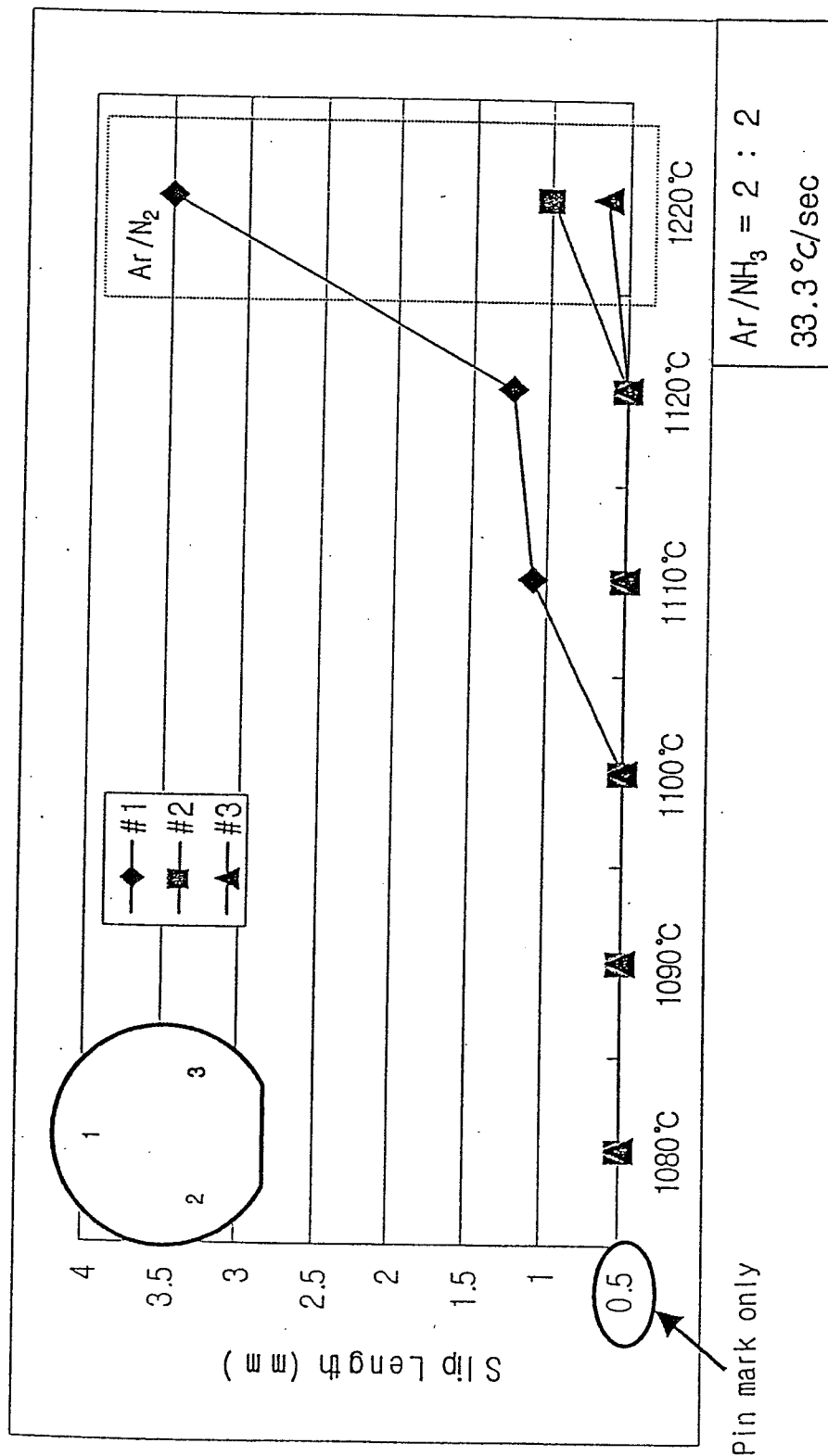


FIG. 44

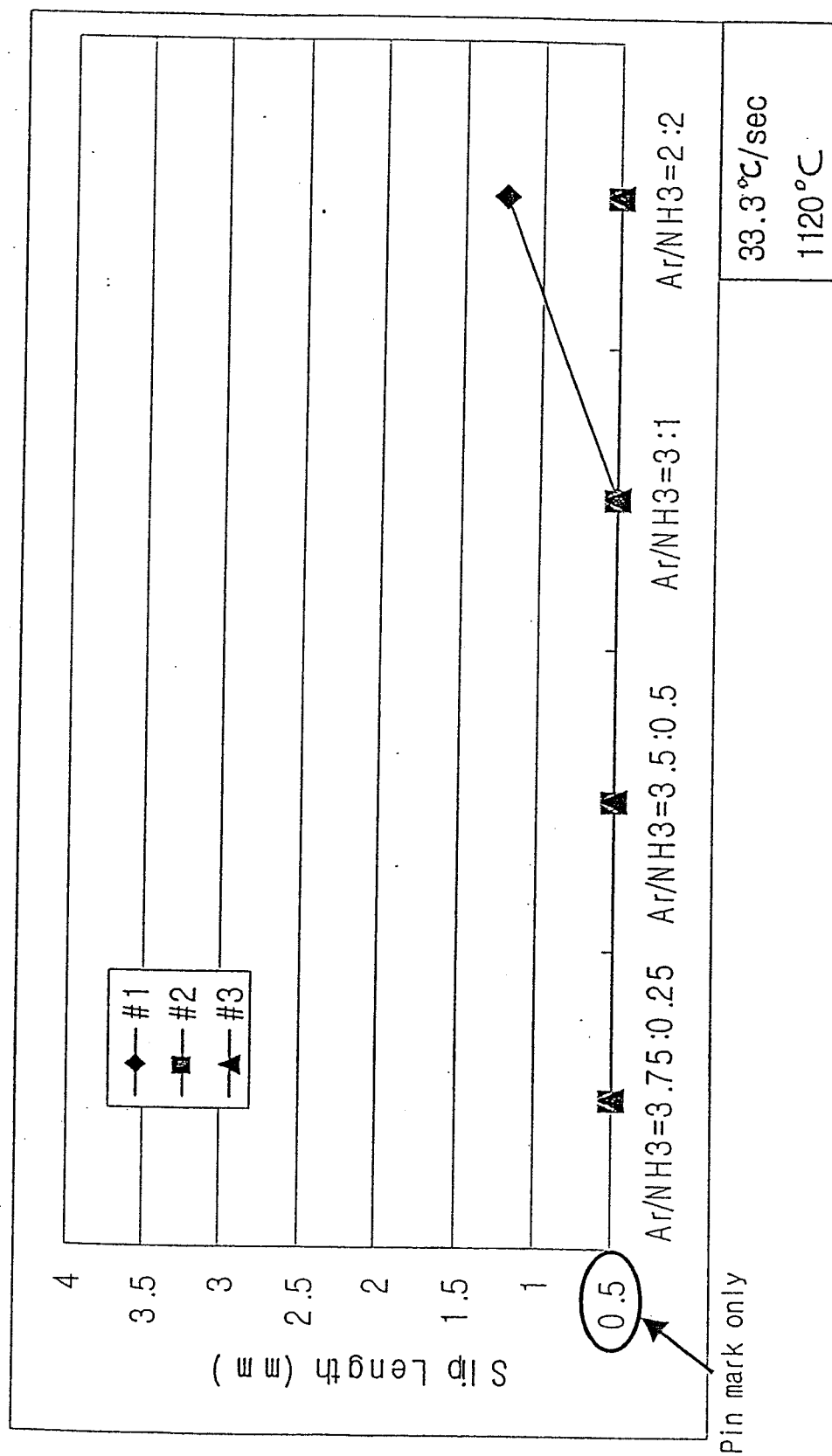


FIG. 45

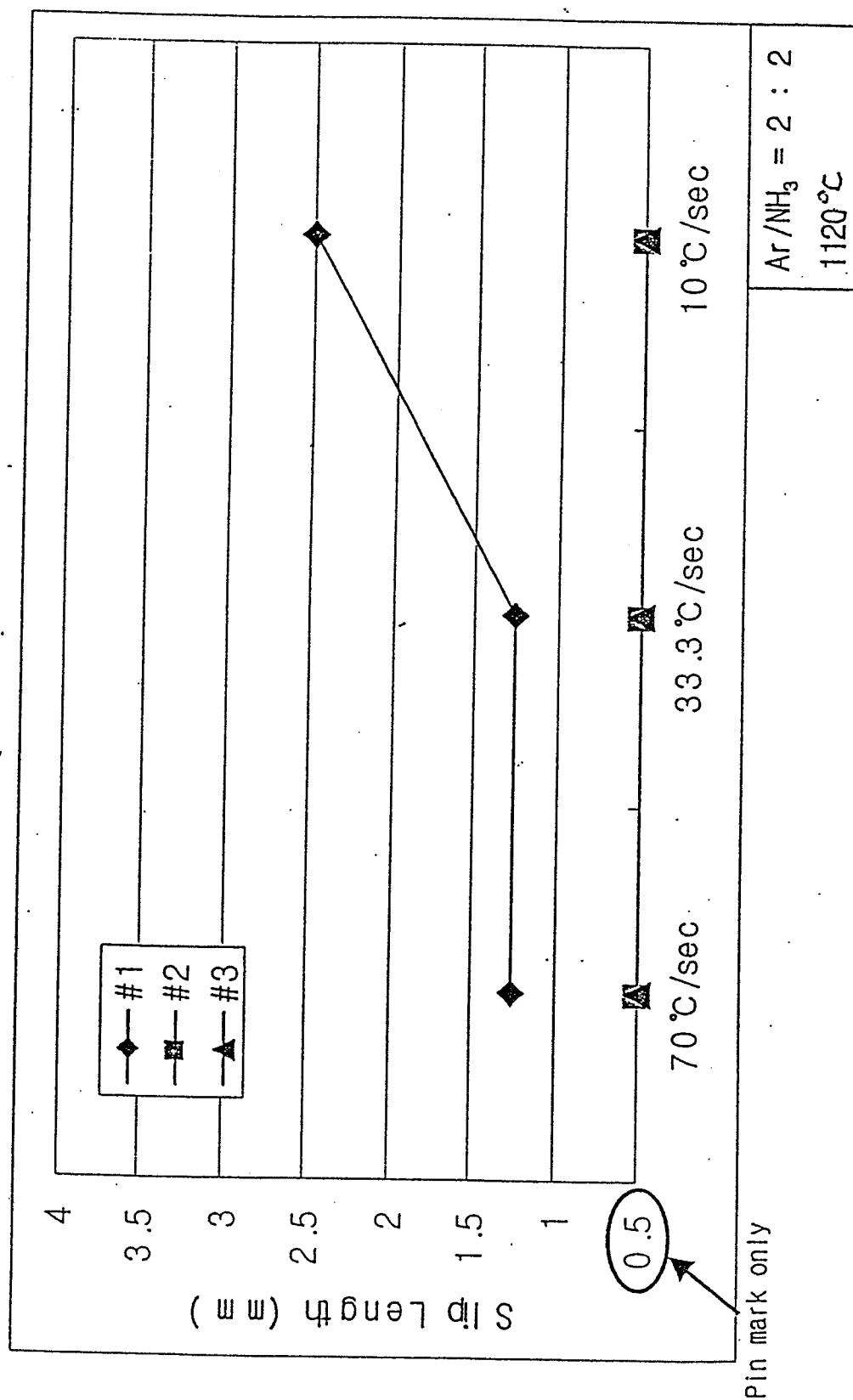
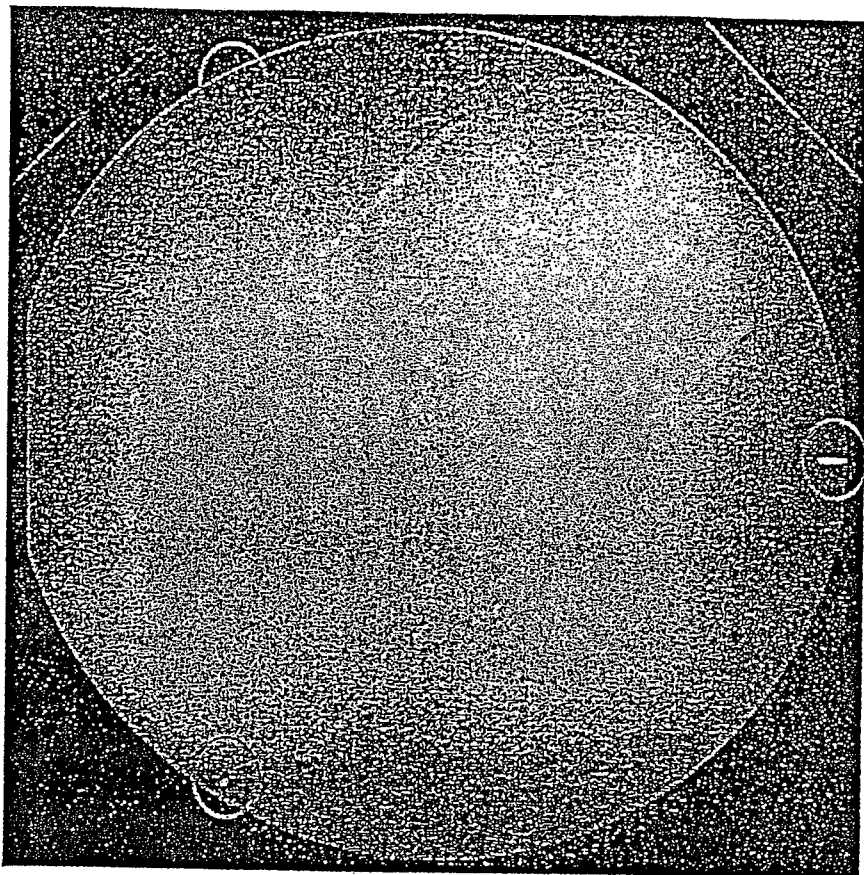
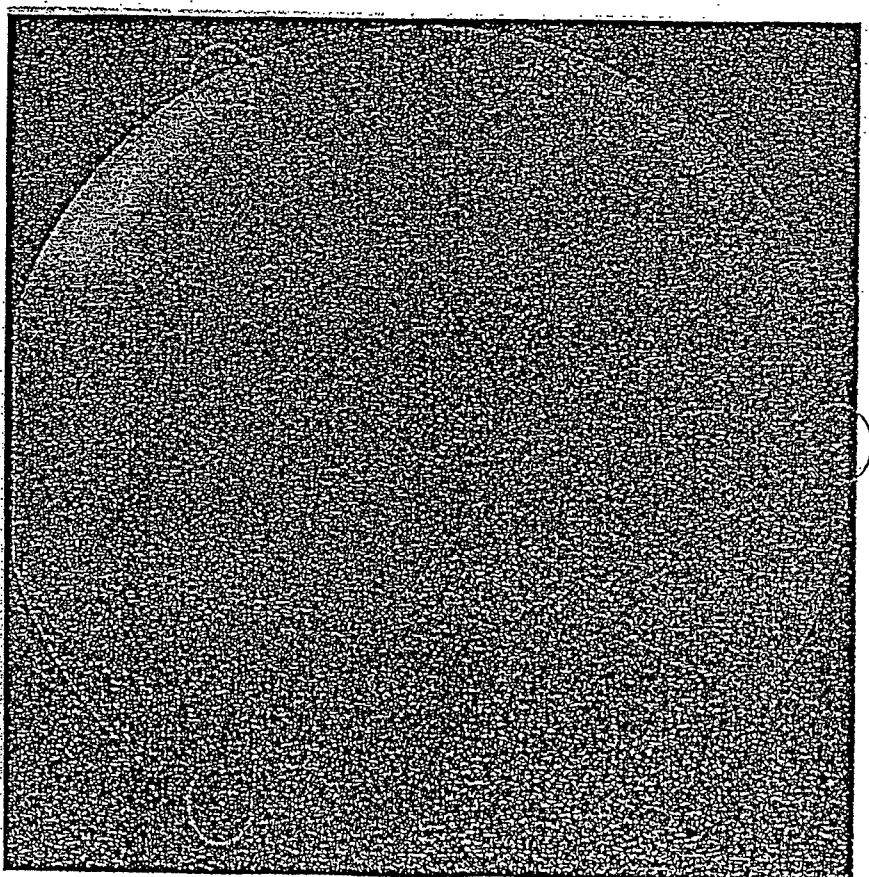


FIG. 46A



Ar/N₂, 1250°C, 10sec

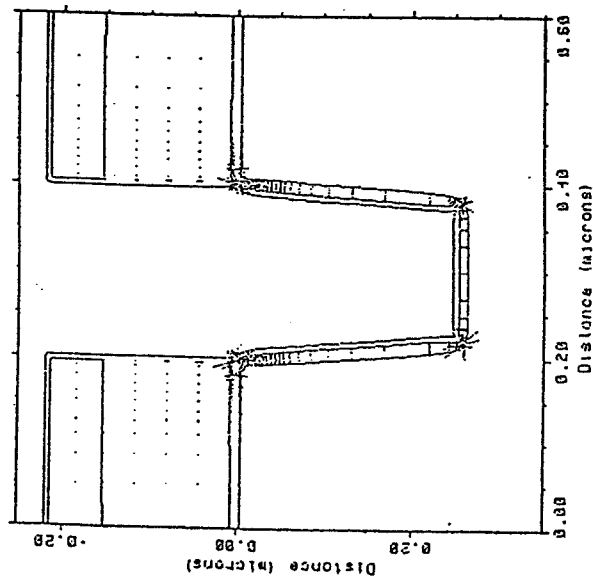
FIG. 46B



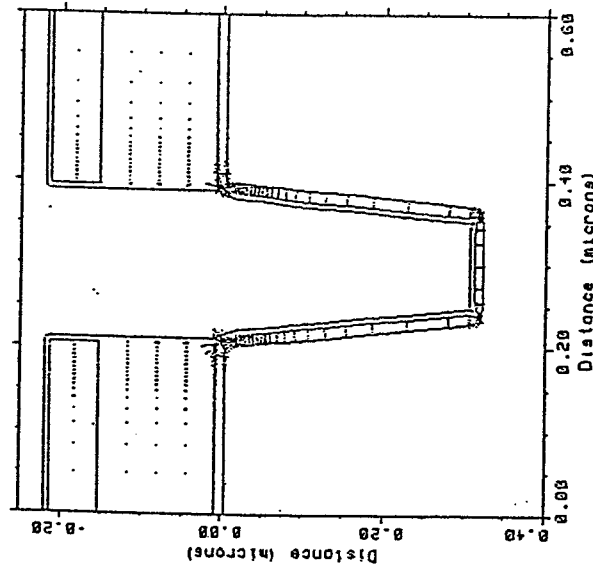
Ar/NH₃, 1120°C, 10sec

FIG. 47

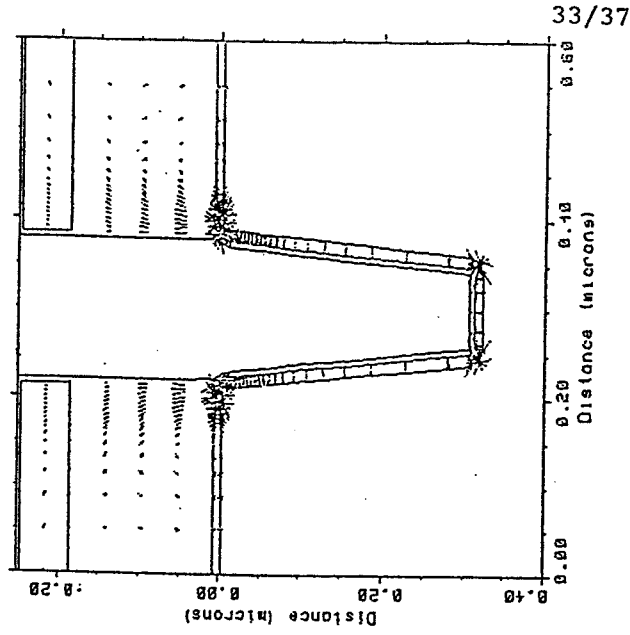
D21



D19



D17



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FIG. 48A

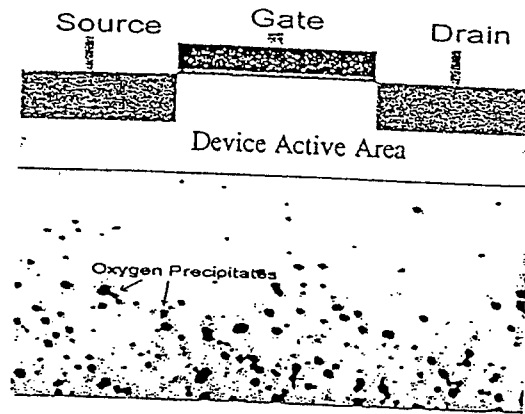


FIG. 48B

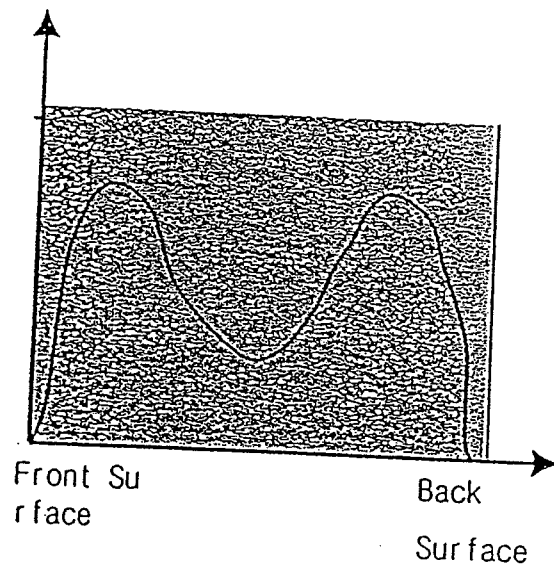


FIG. 49

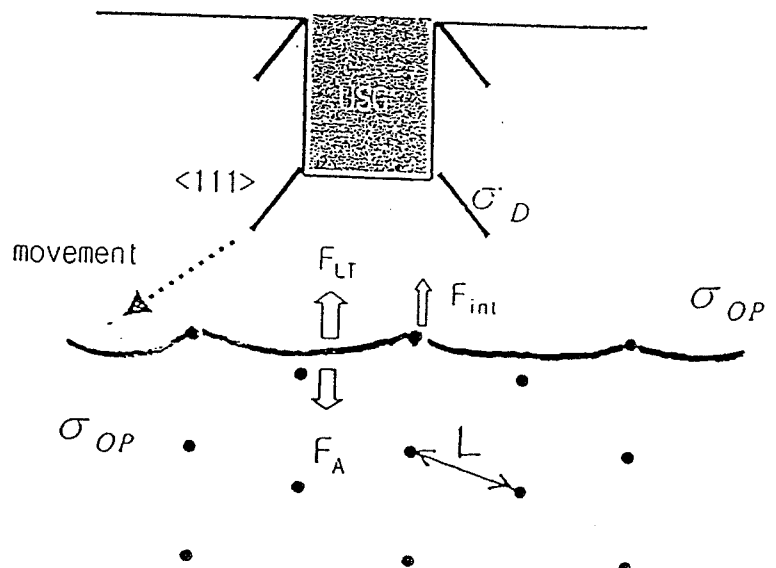


FIG. 50

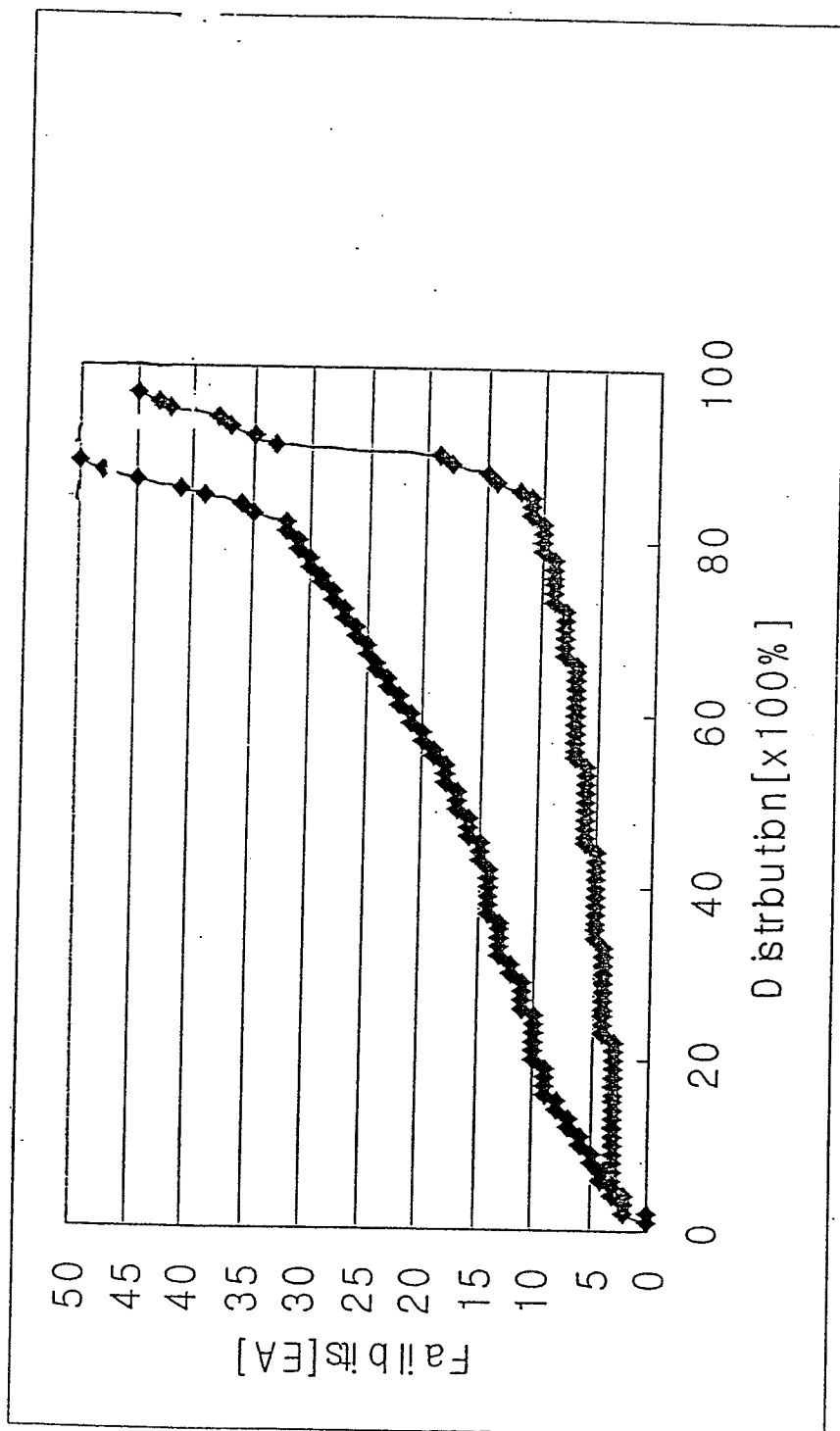


FIG. 52

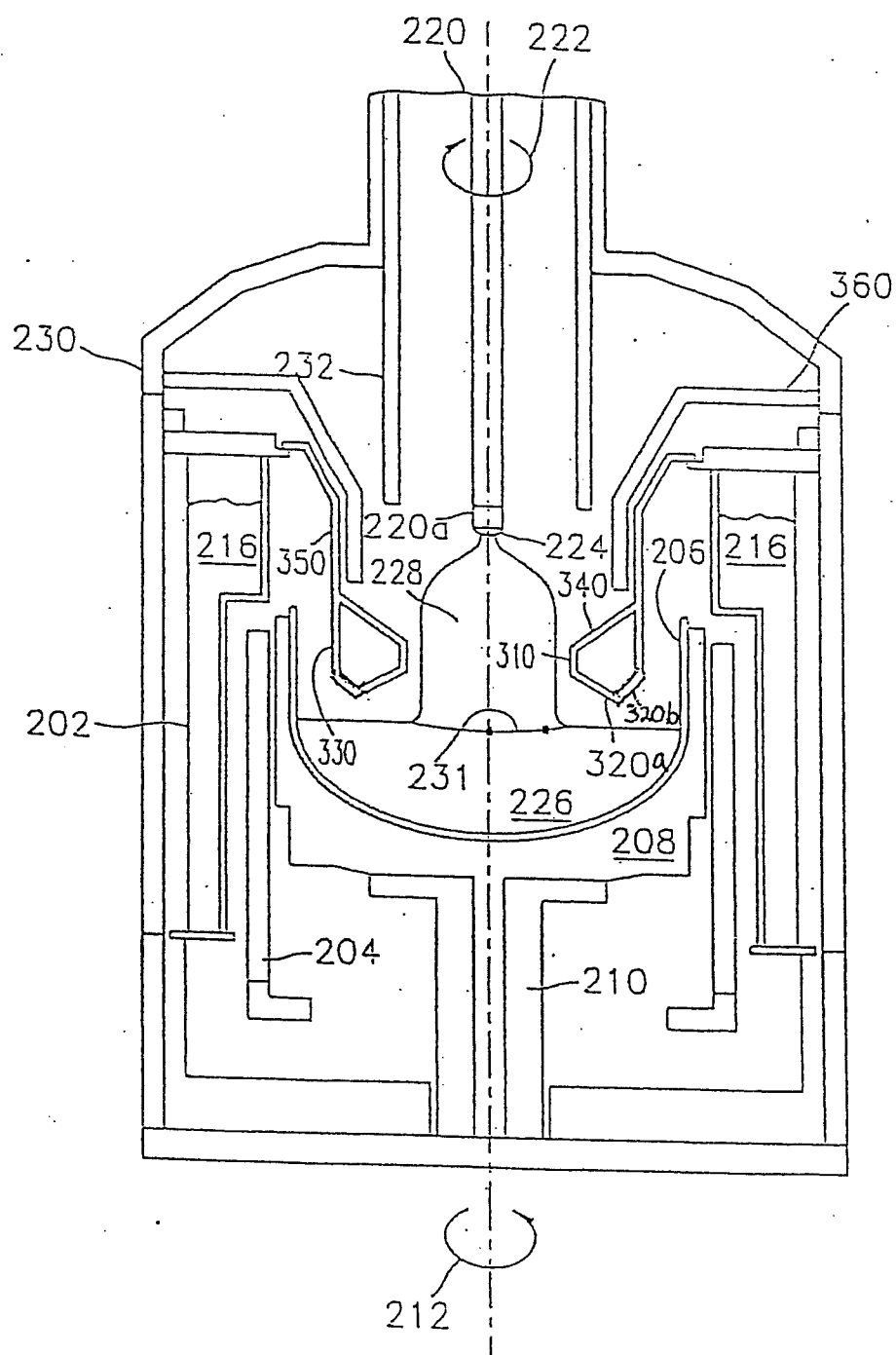


FIG. 53

