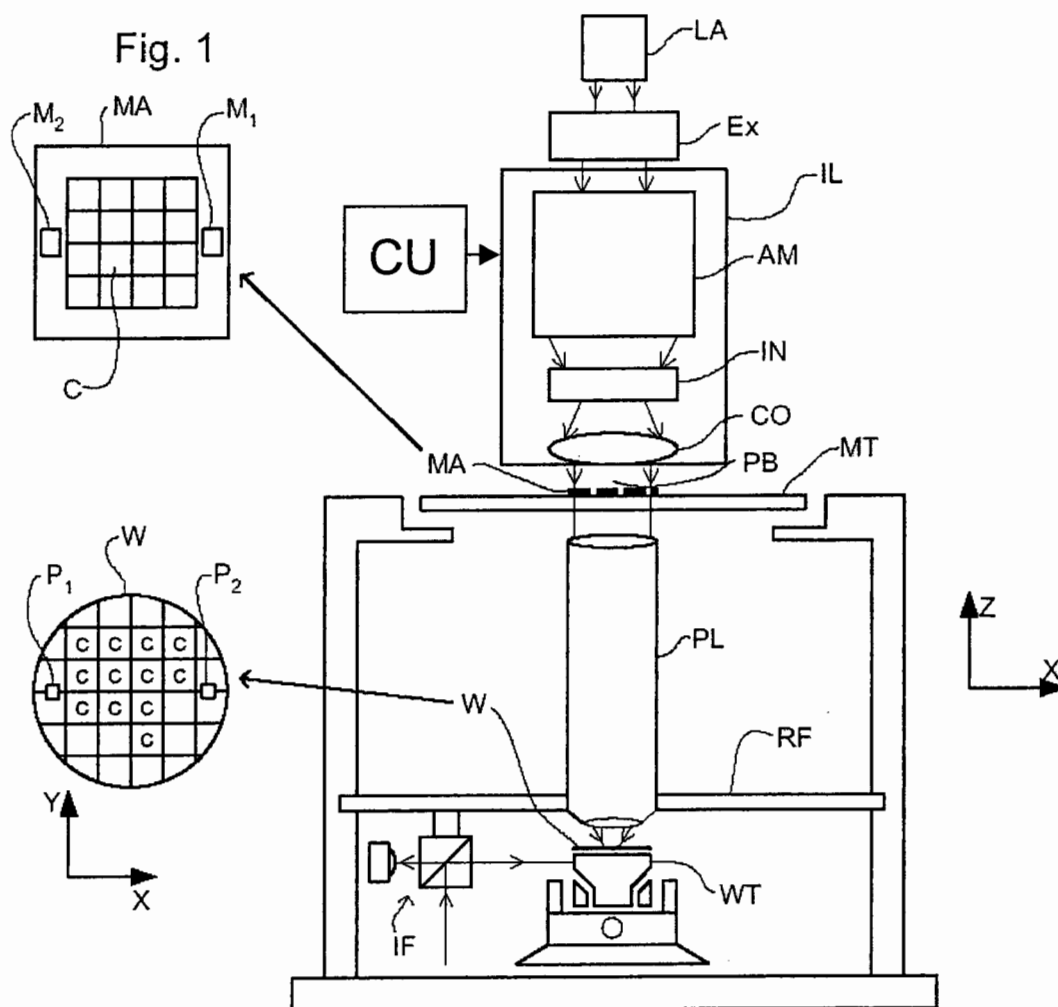


Fig. 1



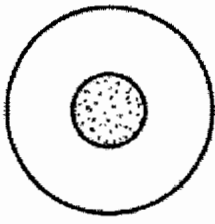


FIG. 2

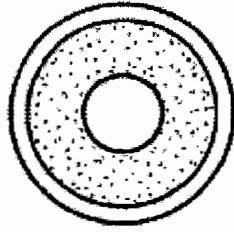


FIG. 3

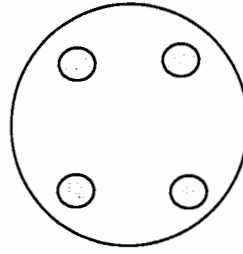


FIG. 4

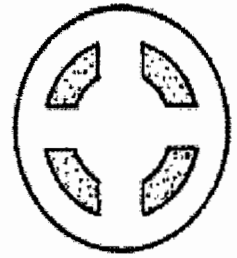


FIG. 5

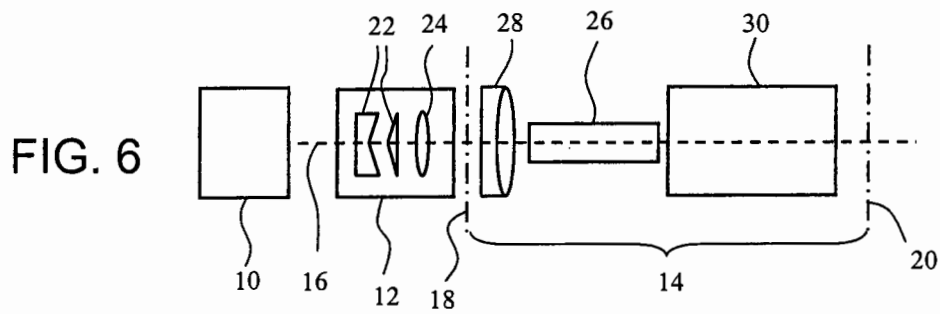


FIG. 6

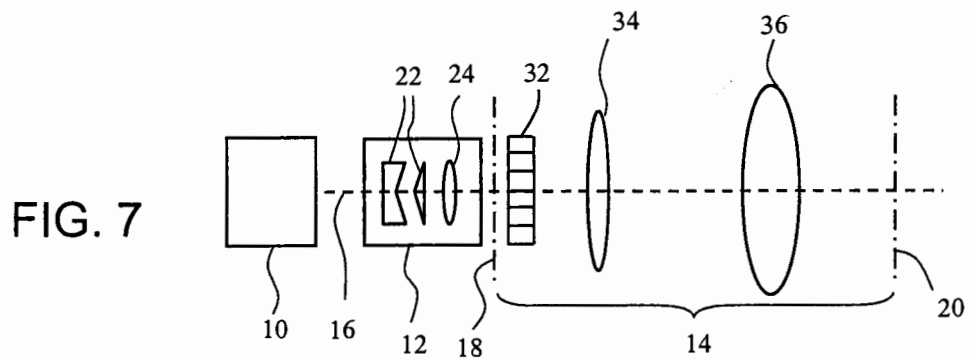


FIG. 7

FIG. 8

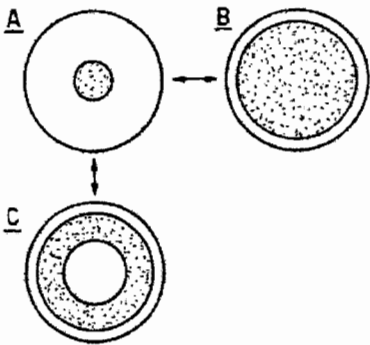
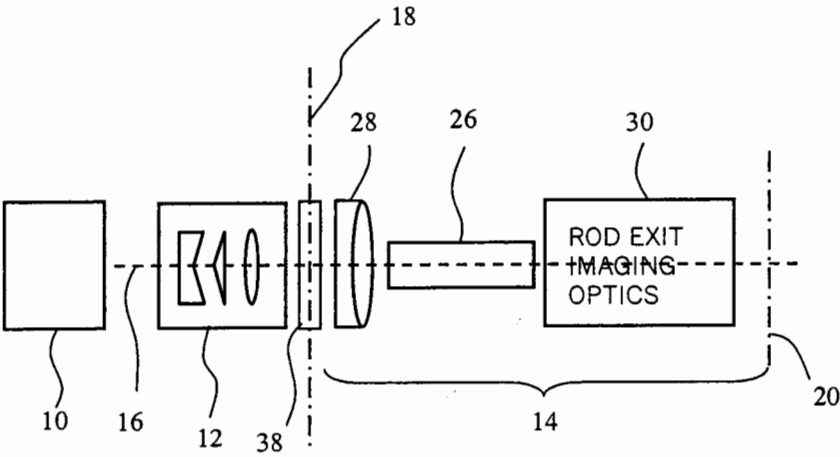


FIG. 9



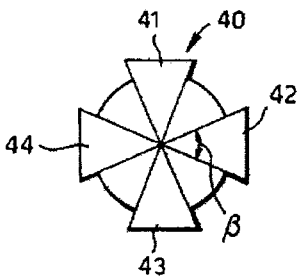


FIG. 10a

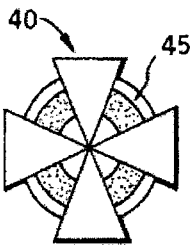


FIG. 10b

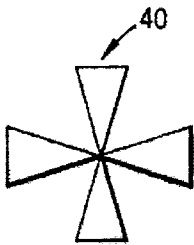


FIG. 11

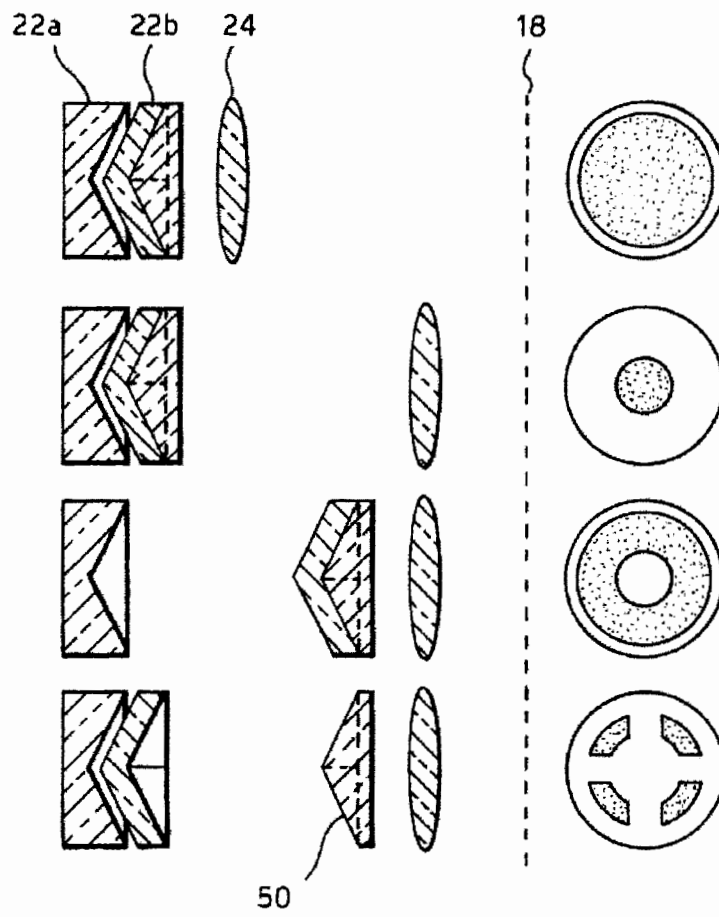


FIG. 12

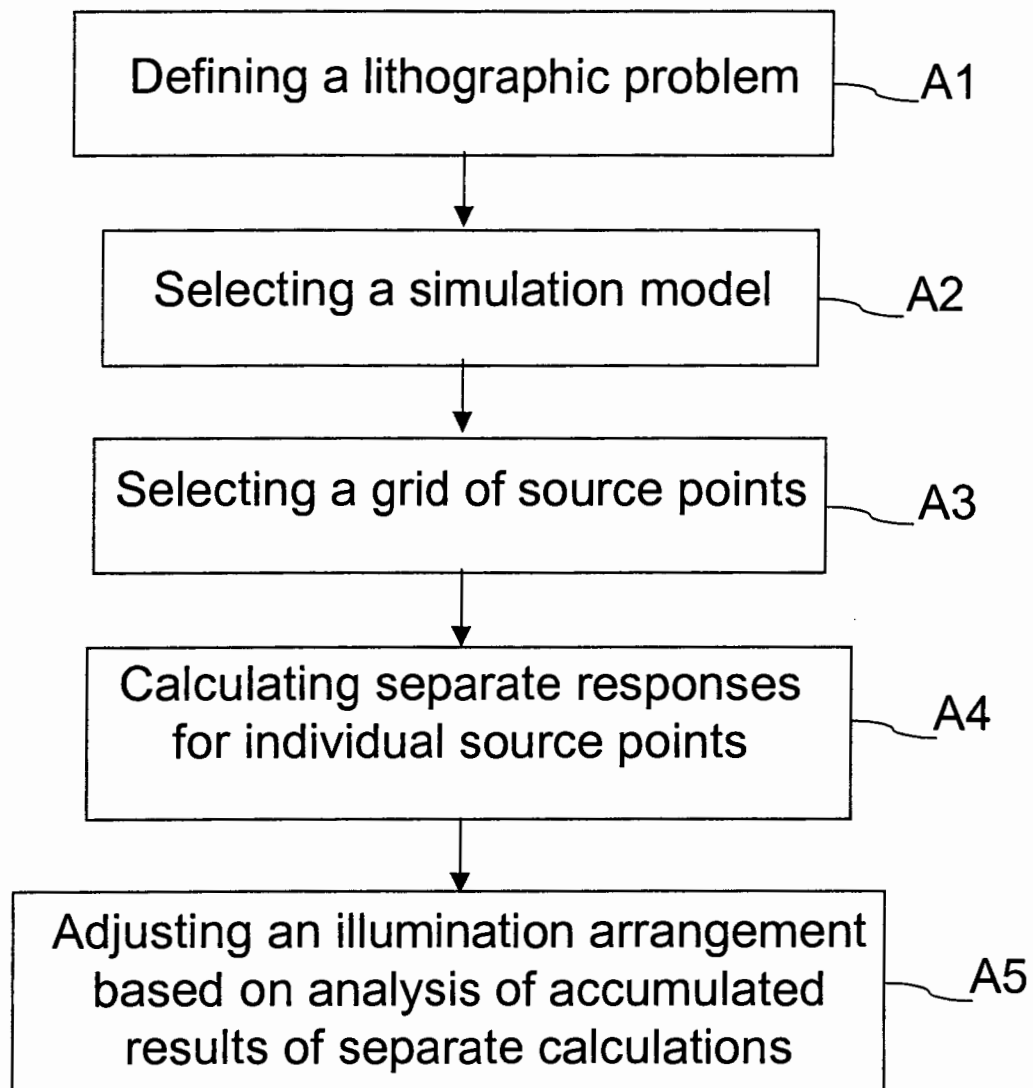
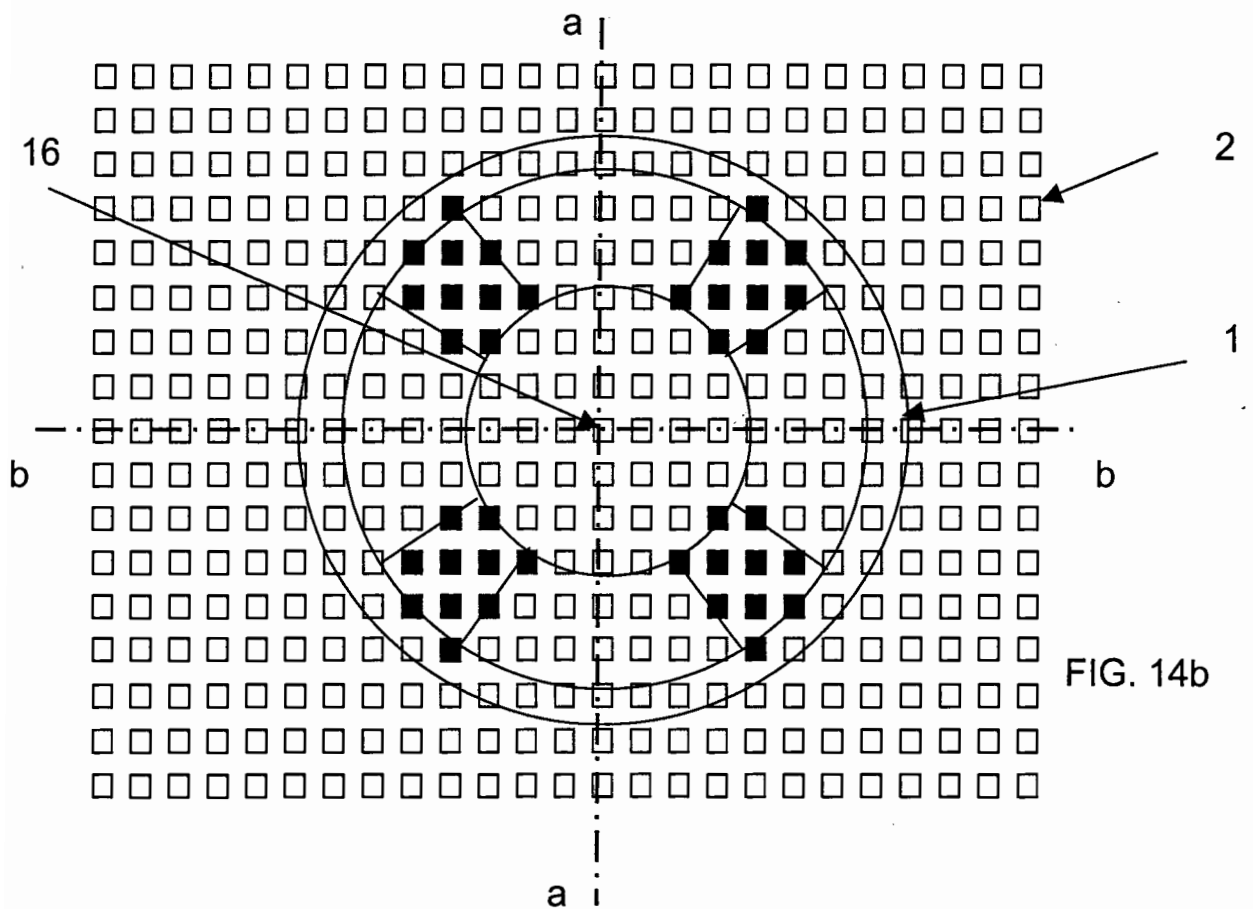
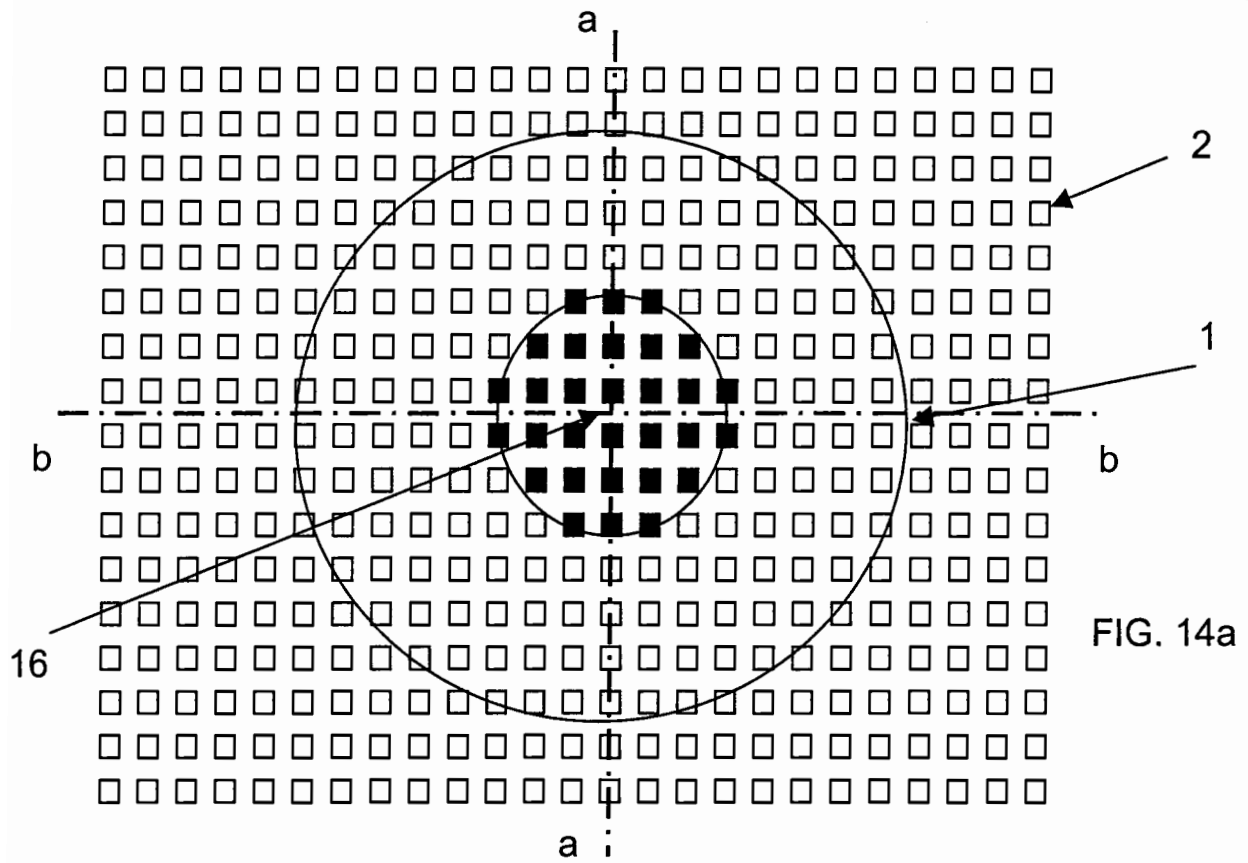


FIG. 13



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NLS

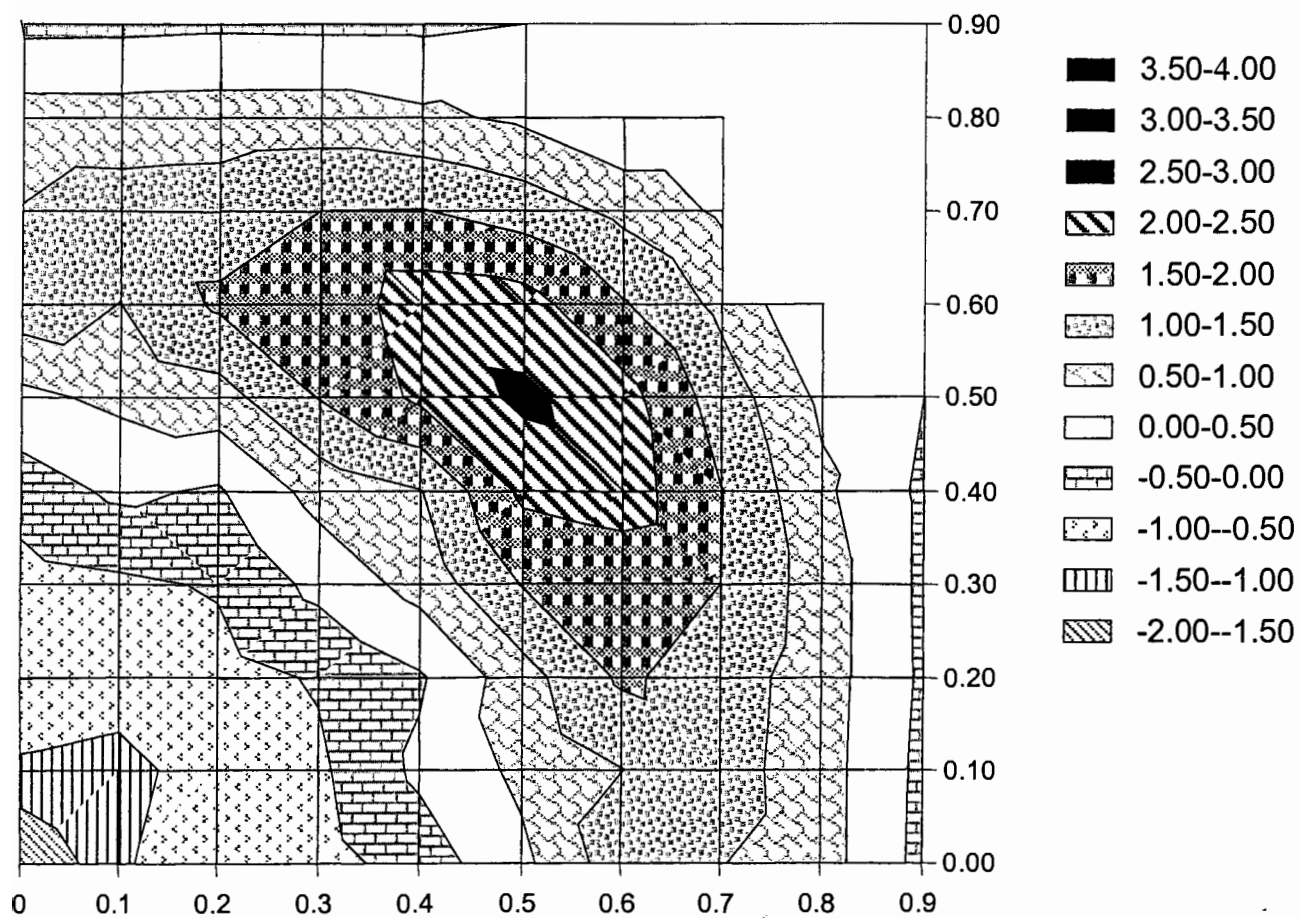


FIG. 15

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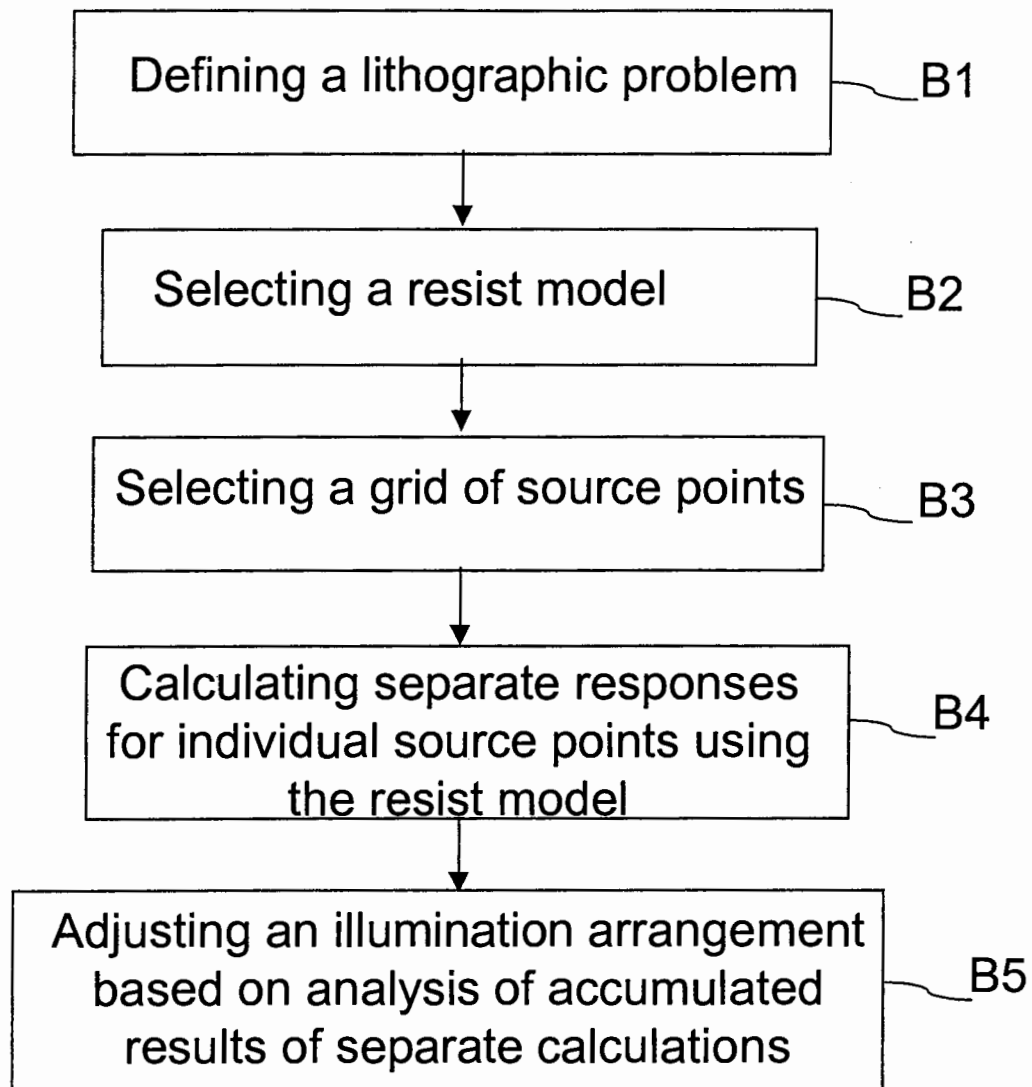


FIG. 16

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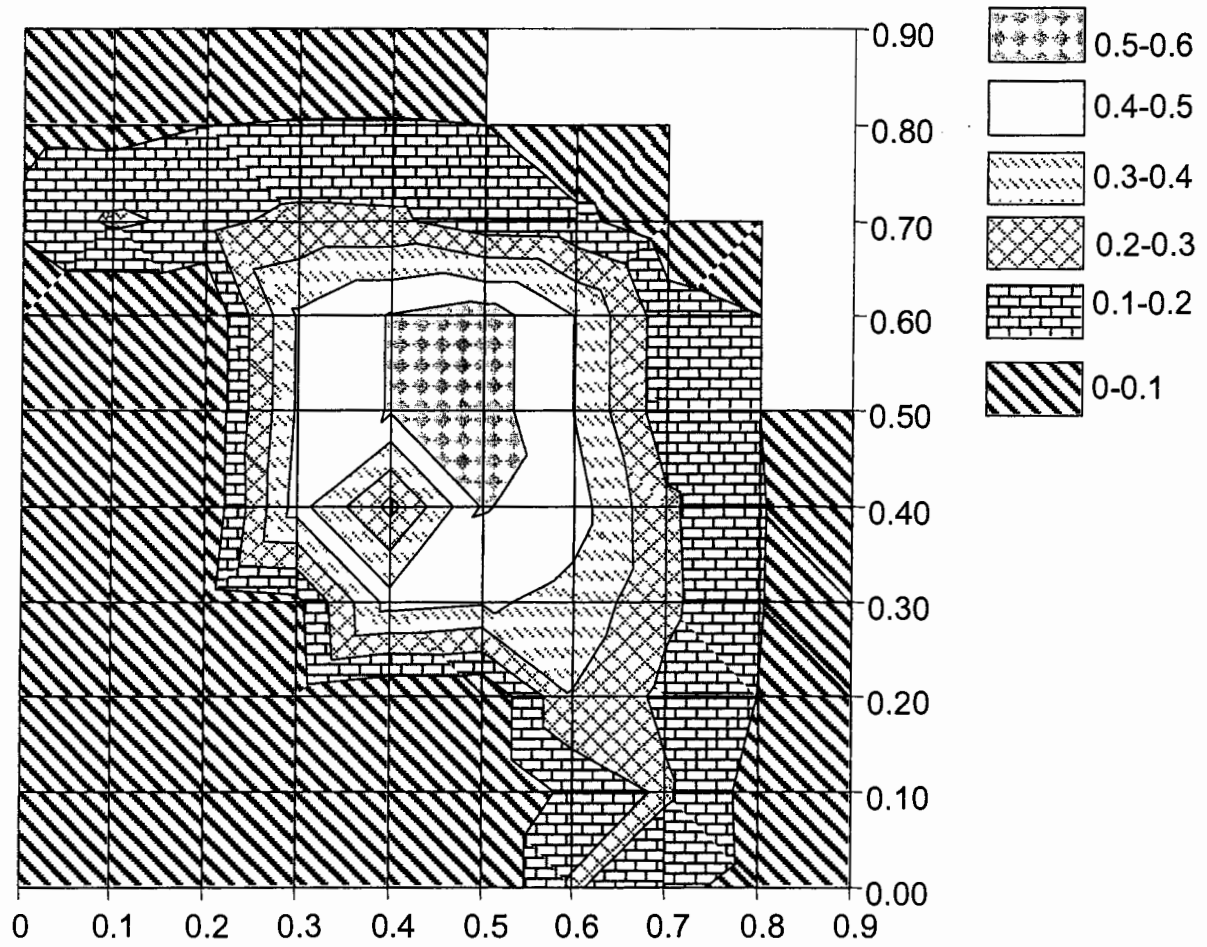


FIG. 17

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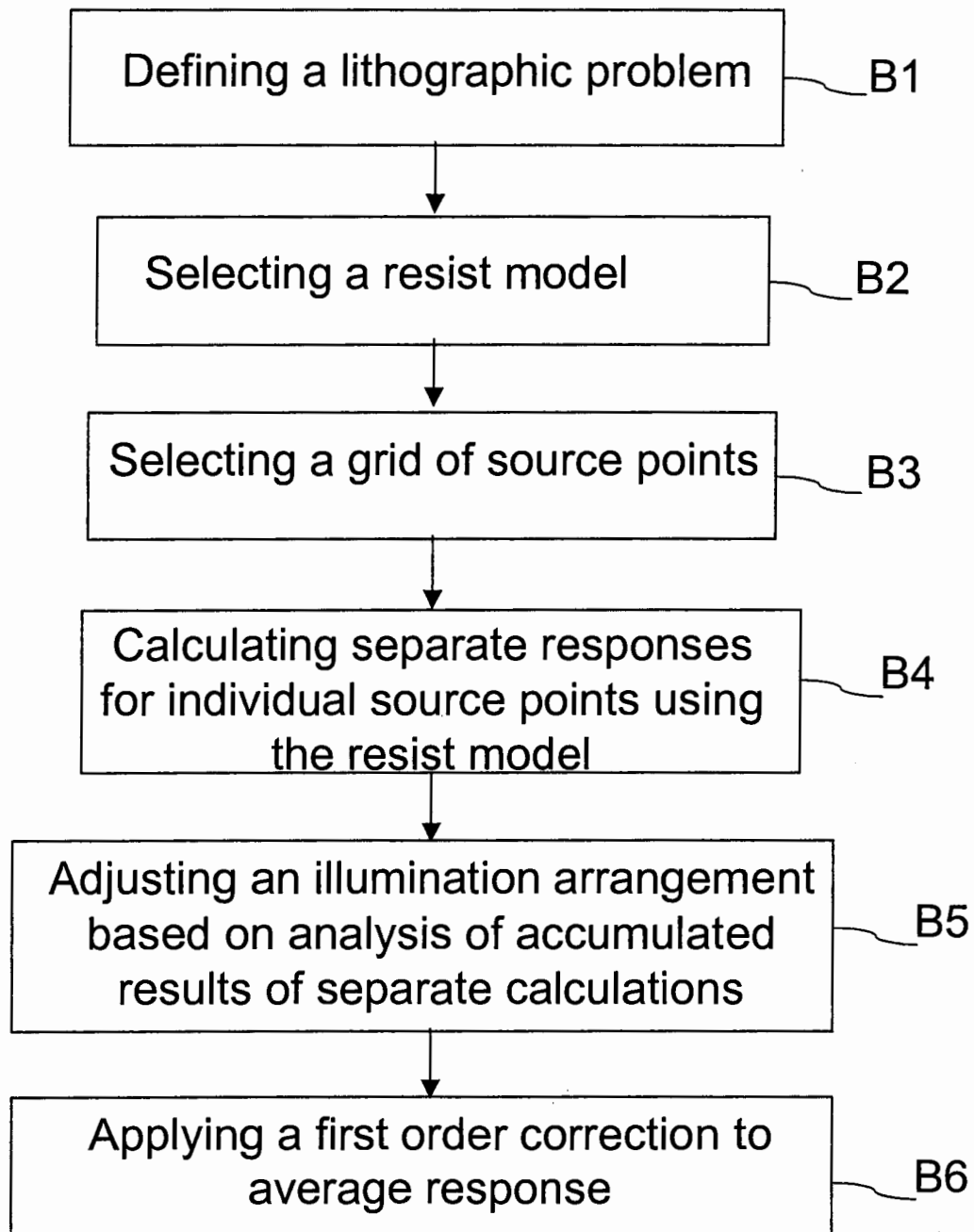


FIG. 18

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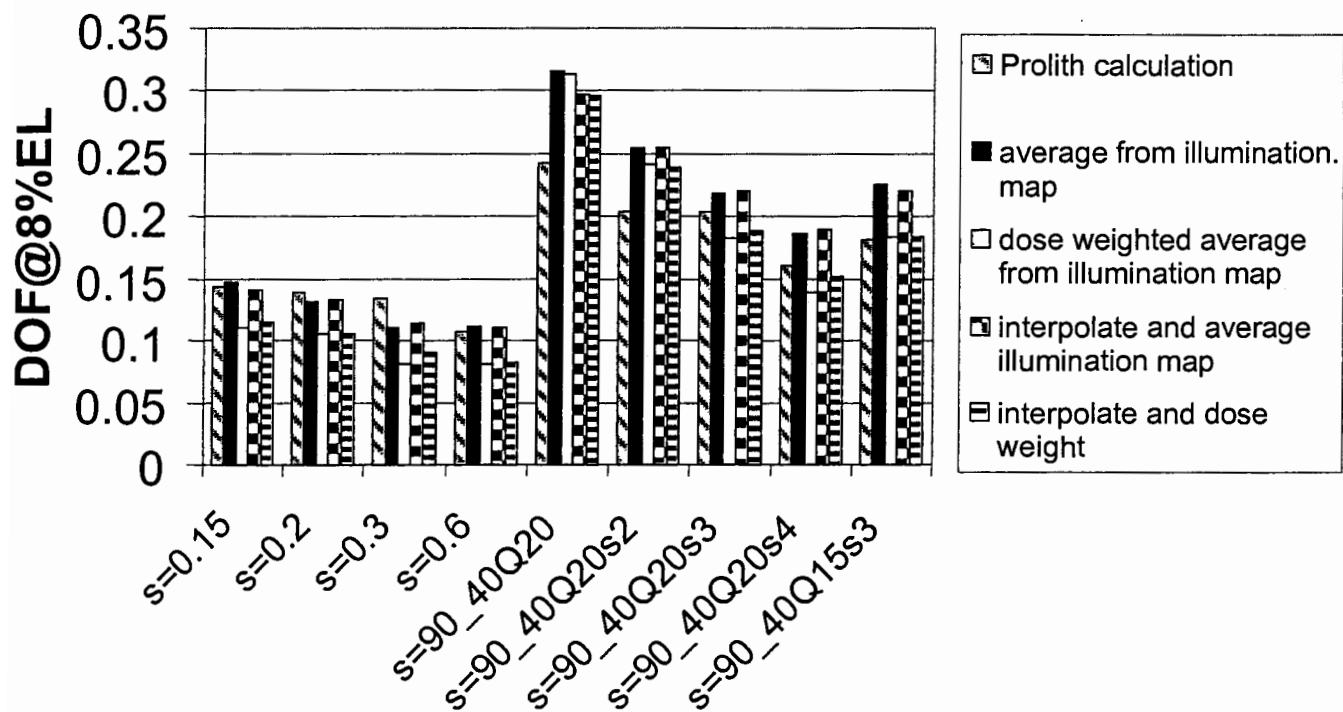
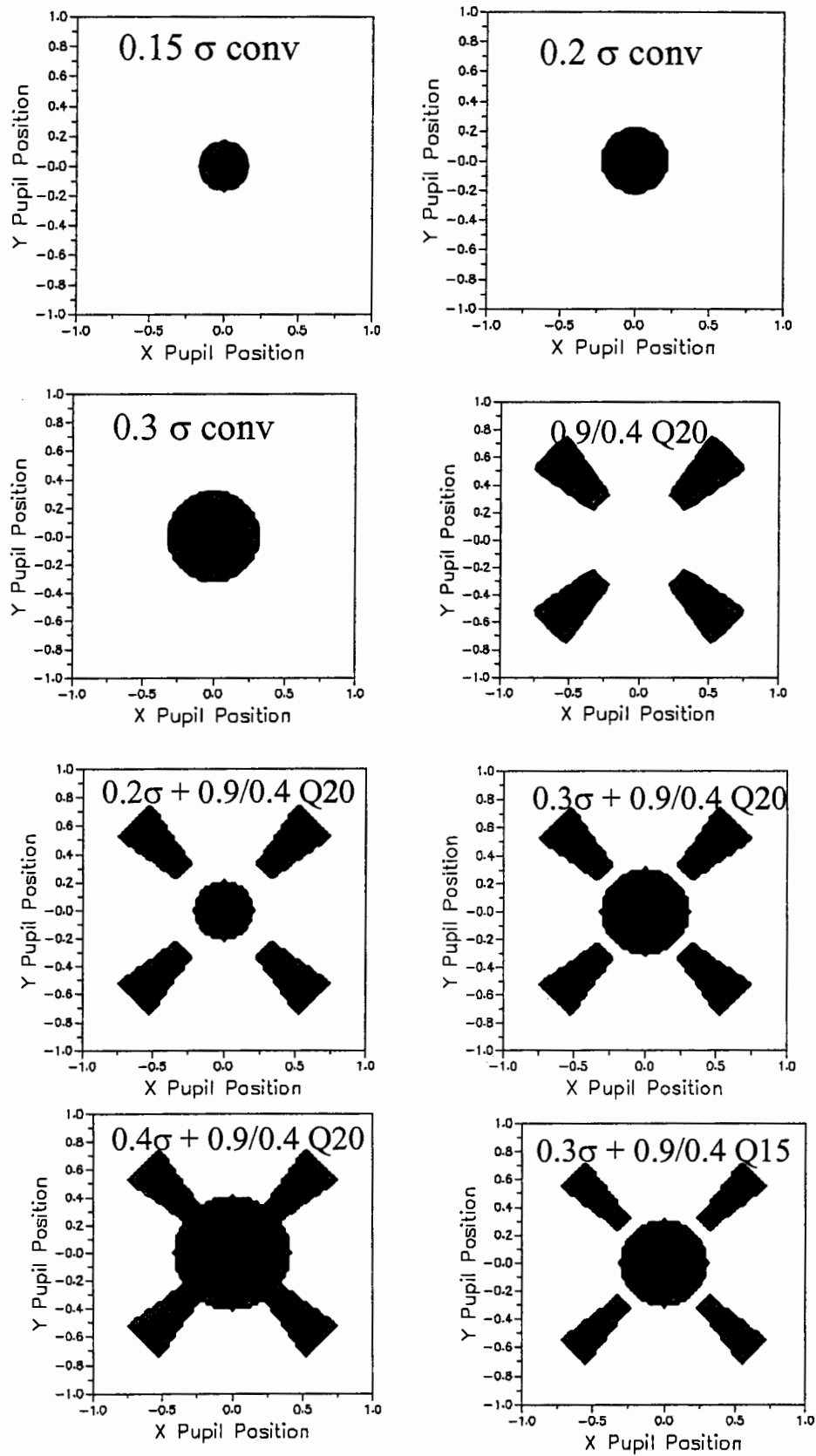


FIG. 19

FIG. 20



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trial illuminator	prediction based on weighted and interpolated source measurements	Prolith simulation with this illuminator
0.85_0.55Q30	0.293u	0.23u
0.75_0.55Q20	0.416	0.41
0.80_0.60Q20	0.383	0.355
0.80_0.60annular	0.110	0.10
0.75_0.55annular	0.118	0.105

FIG. 21

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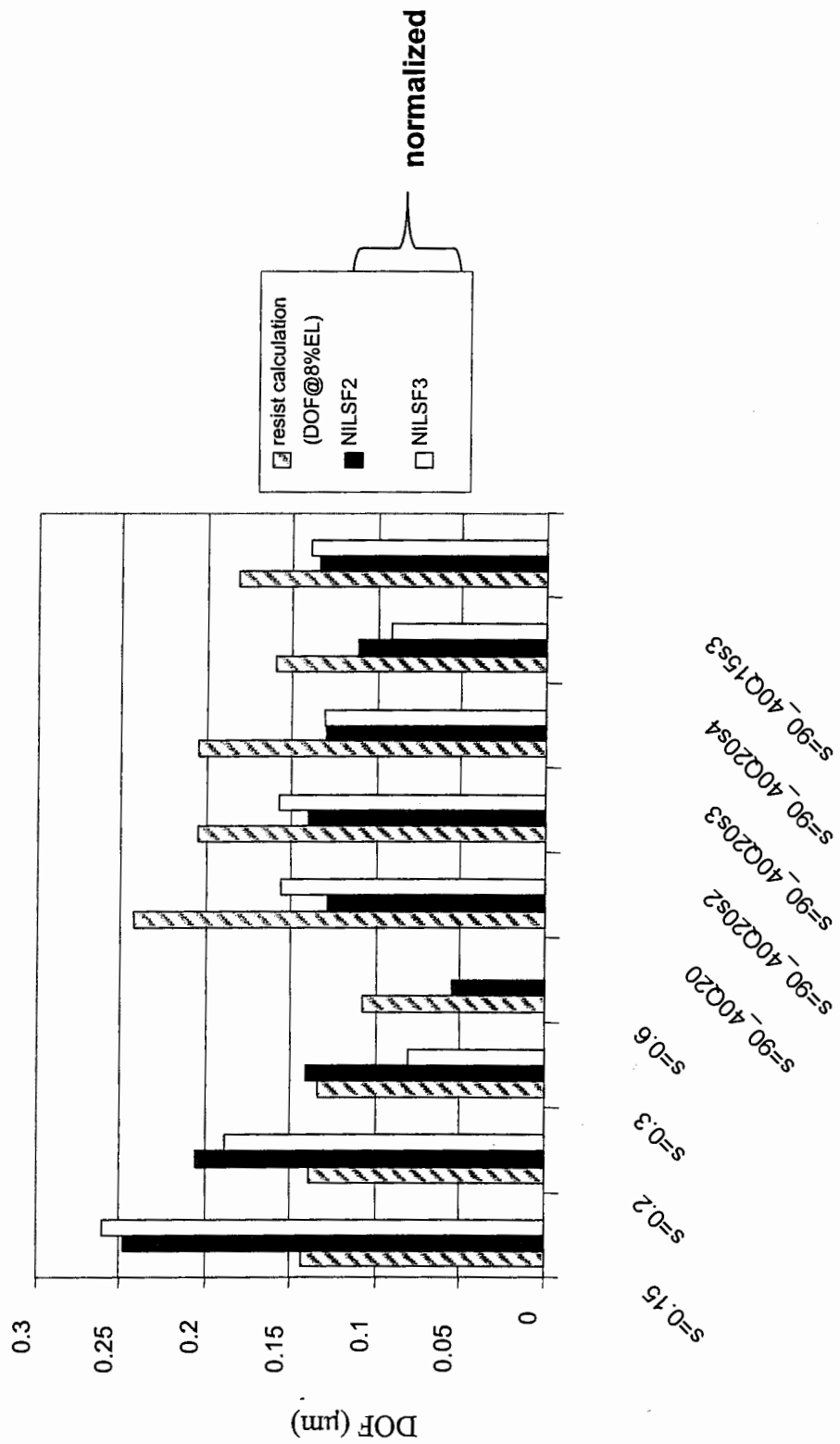


FIG. 22

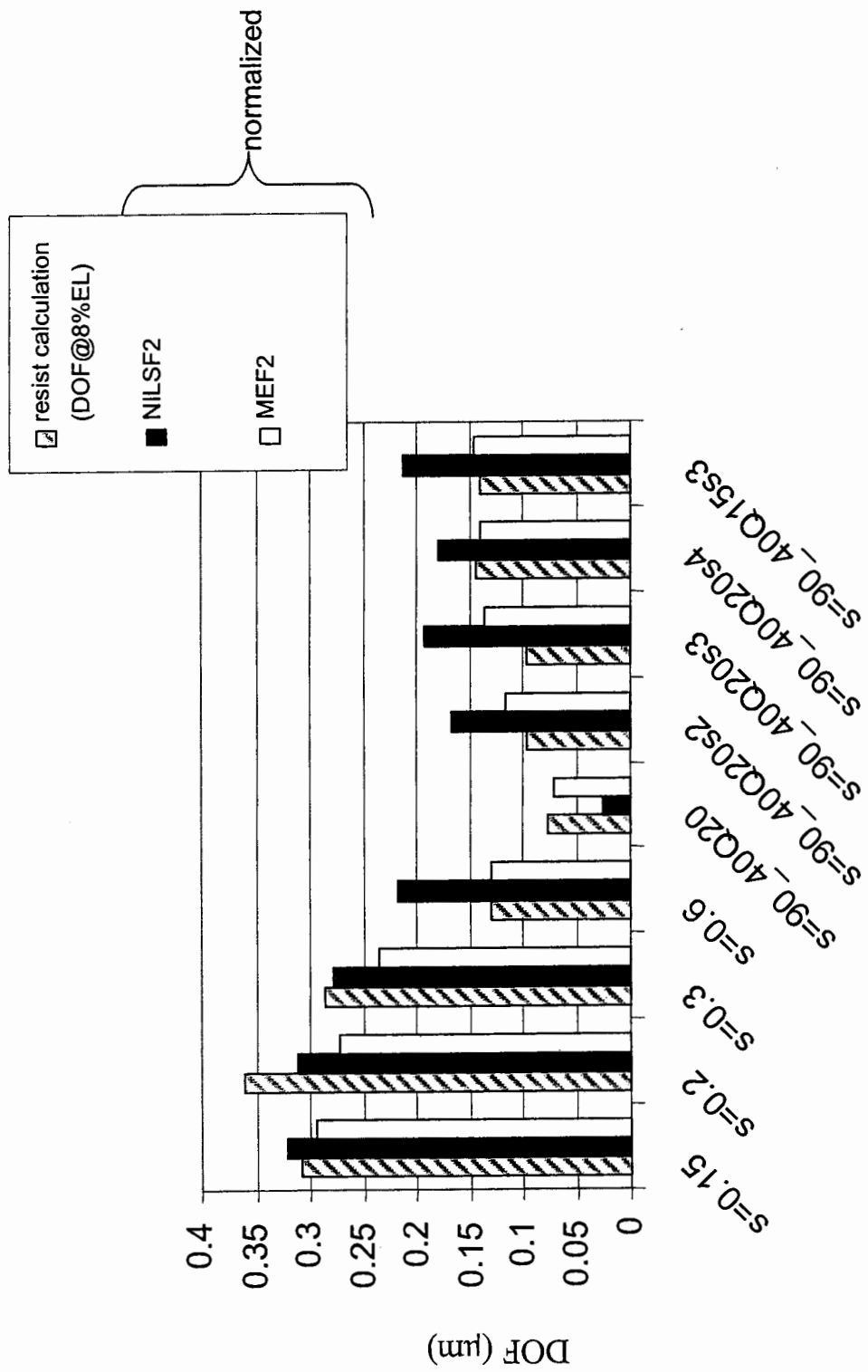


FIG. 23

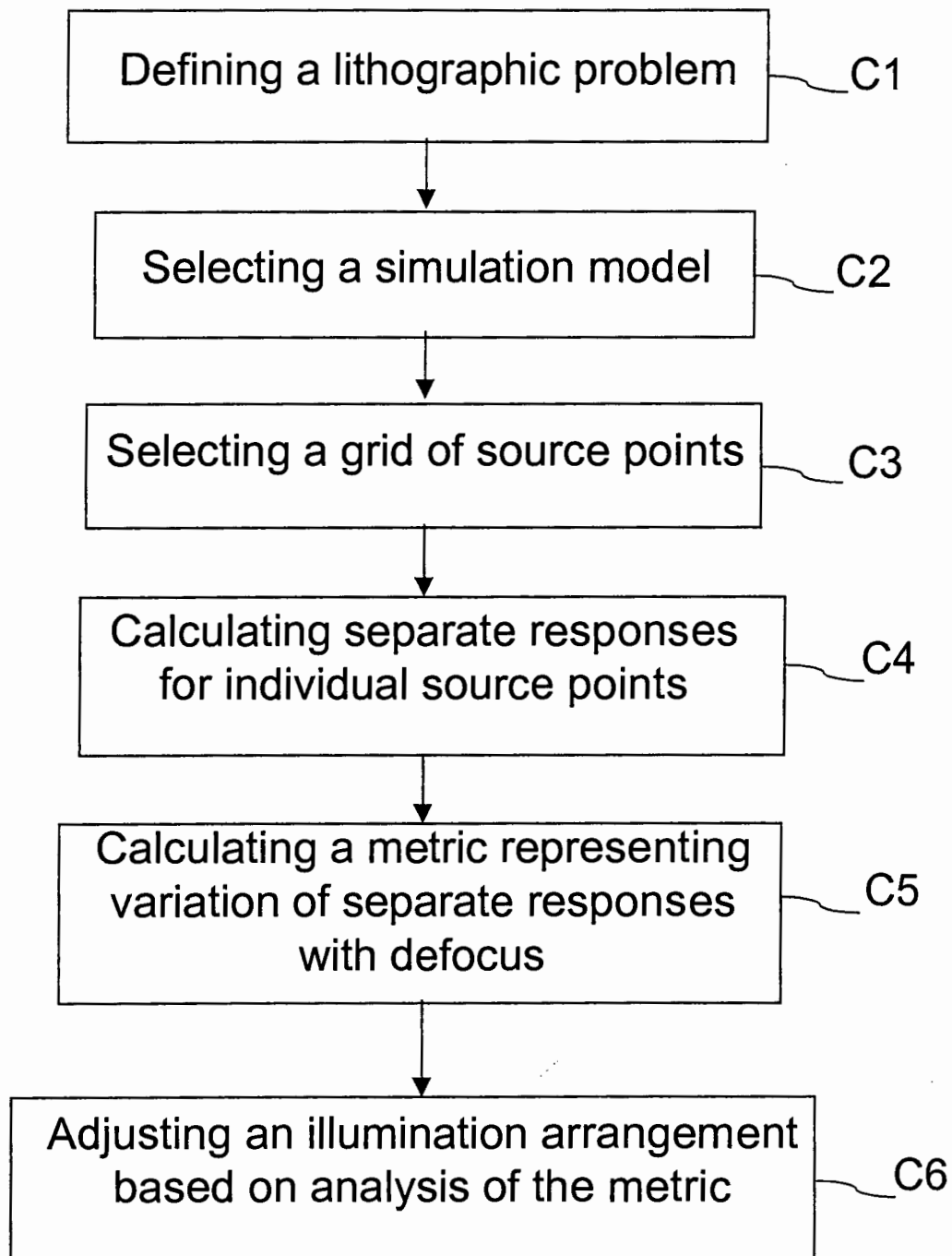


FIG. 24

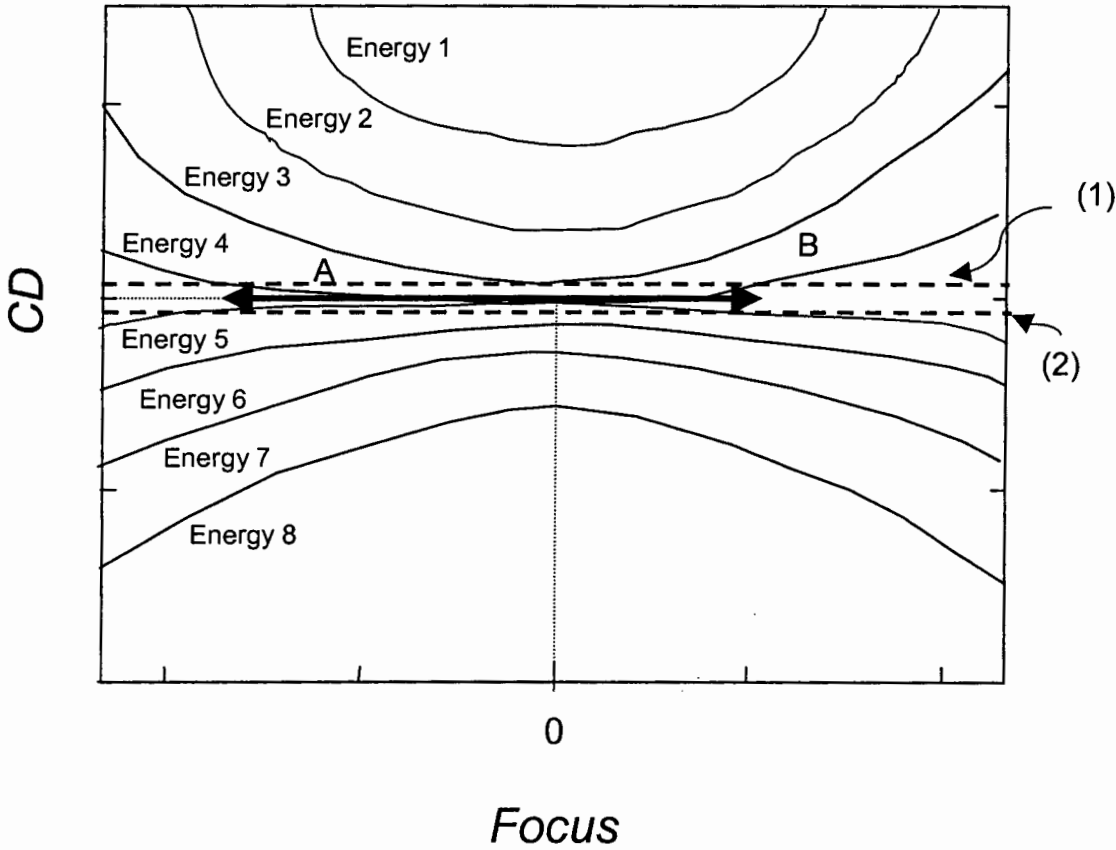


FIG. 25

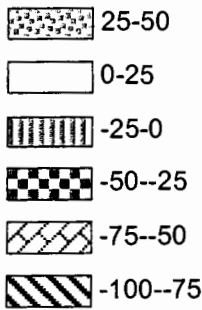


FIG. 26a

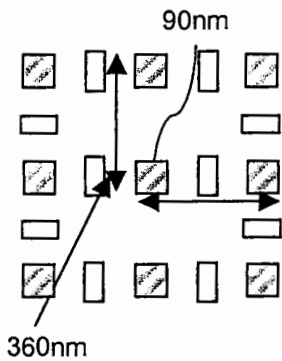
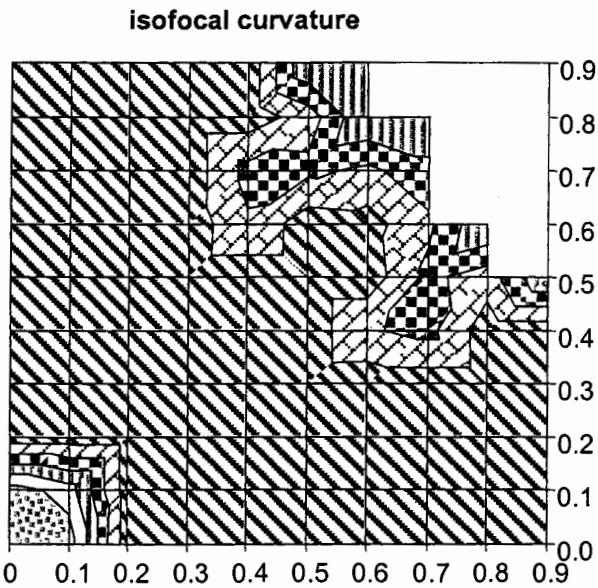


FIG. 26c

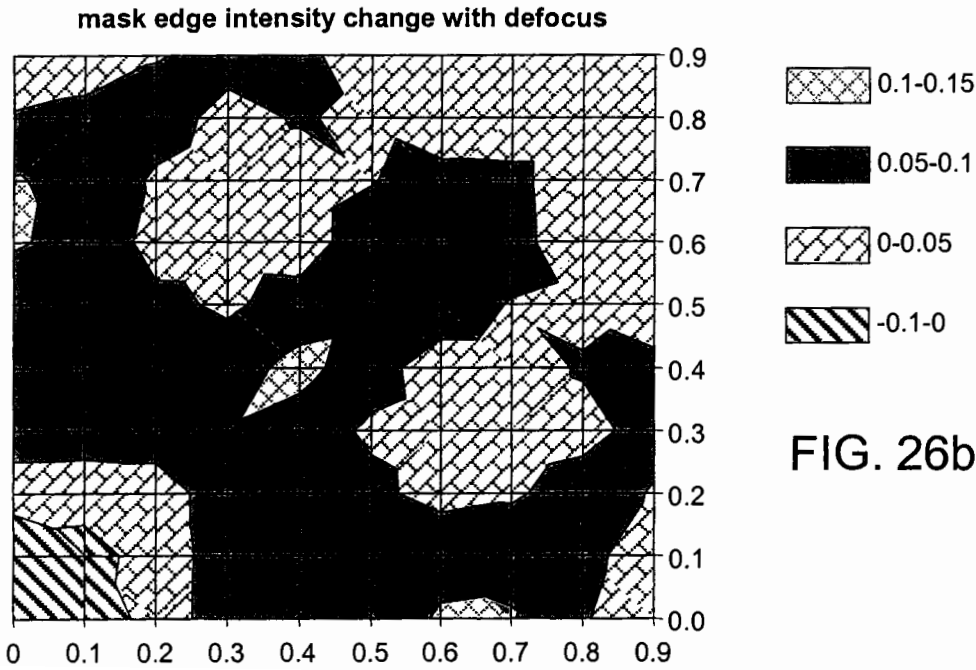


FIG. 26b

FIG. 27a

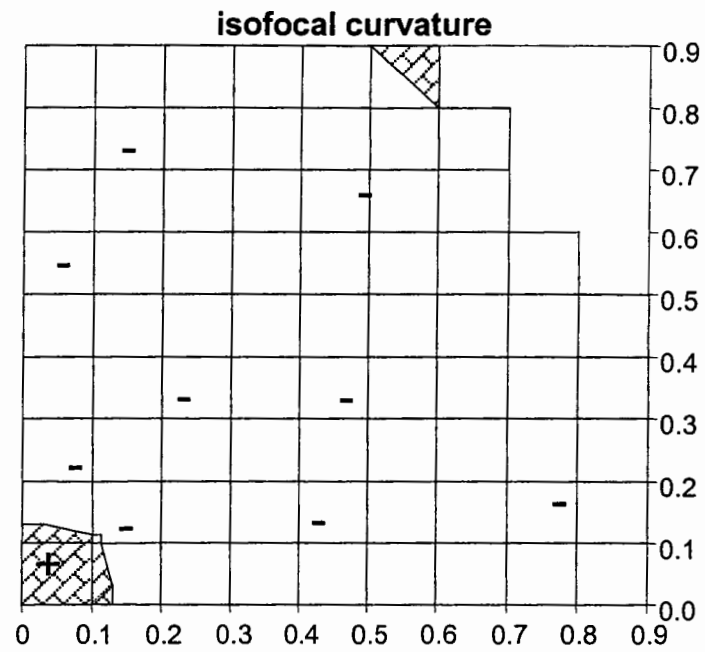
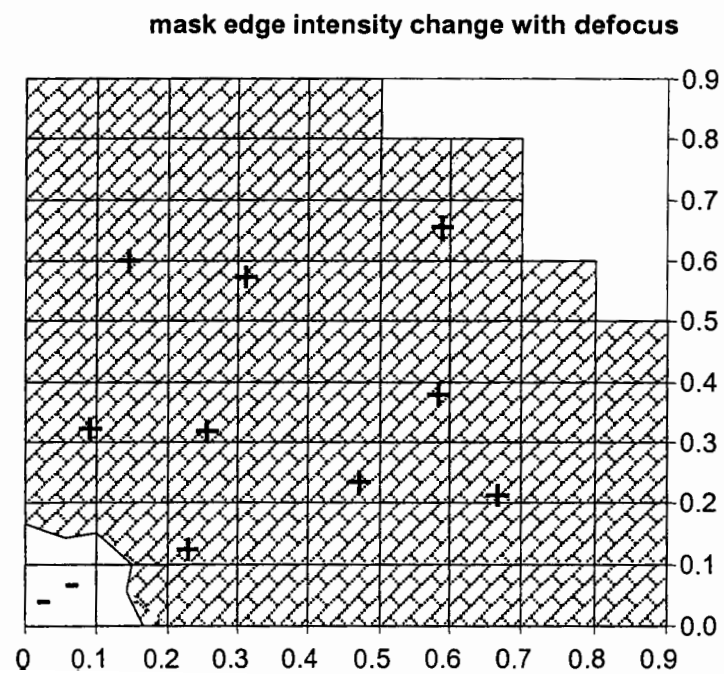


FIG. 27b



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FIG. 28

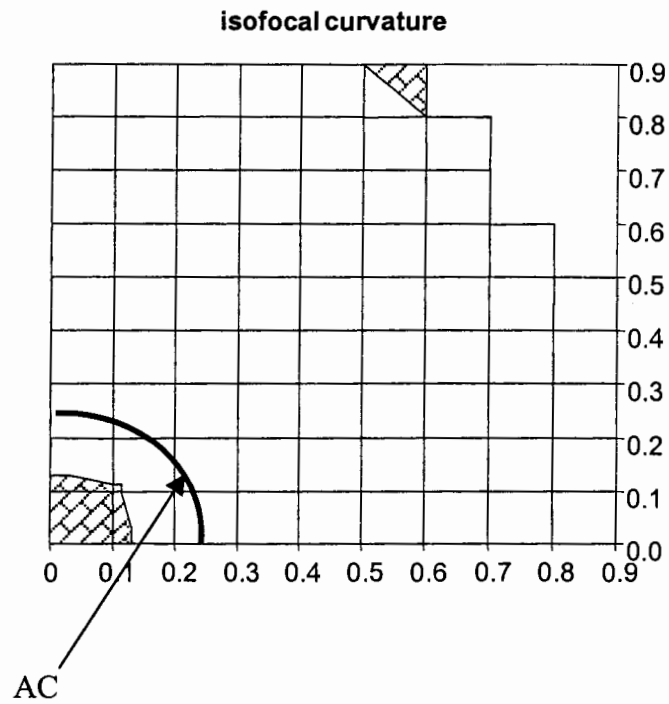
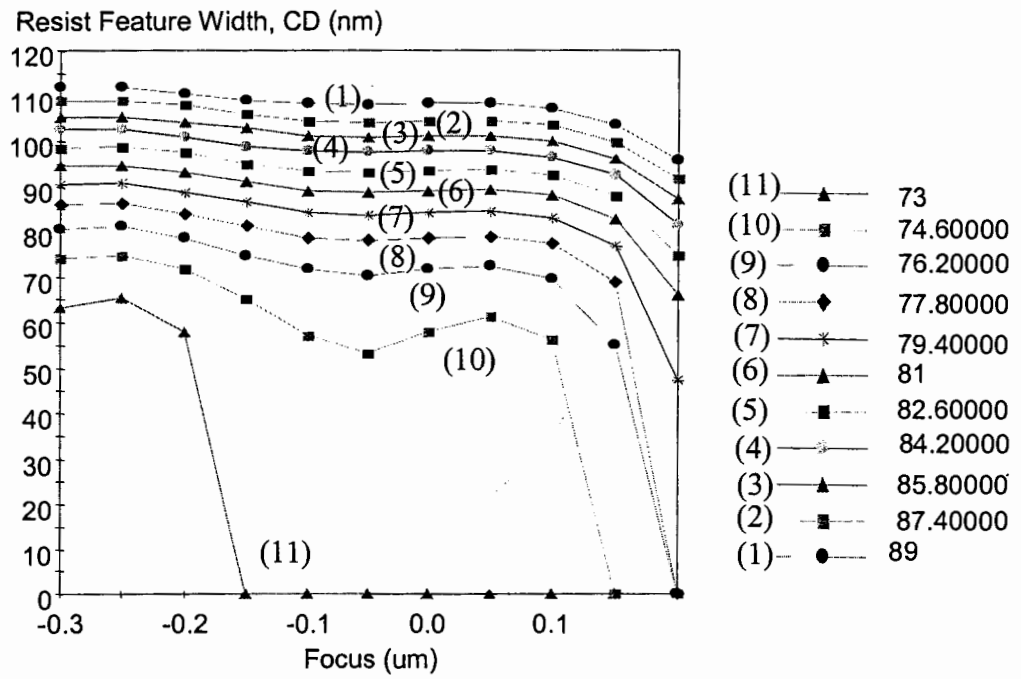


FIG. 29



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FIG. 30a

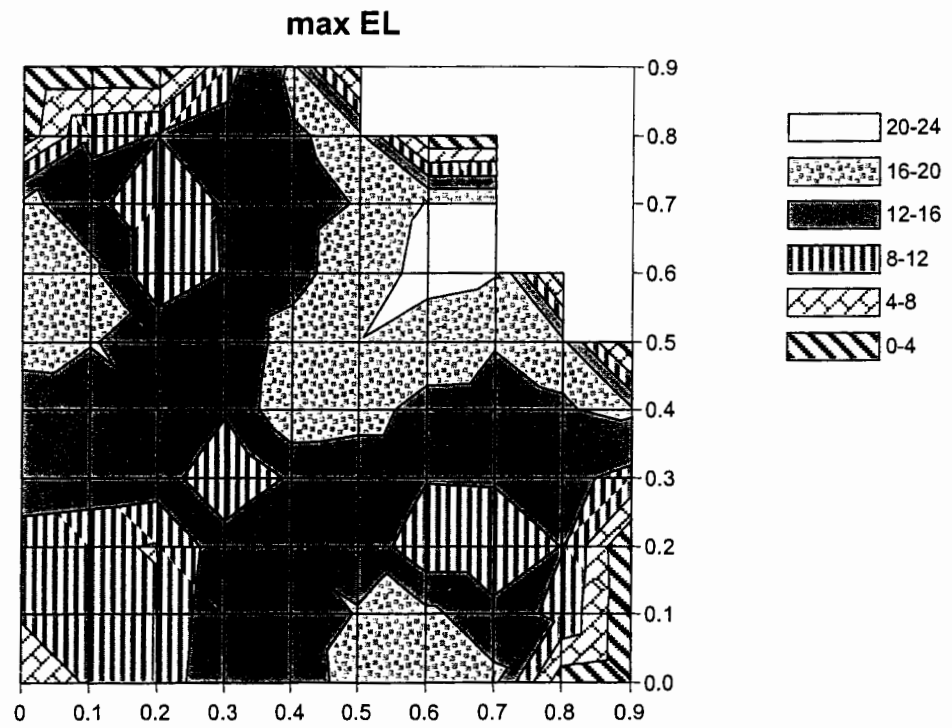


FIG. 30b

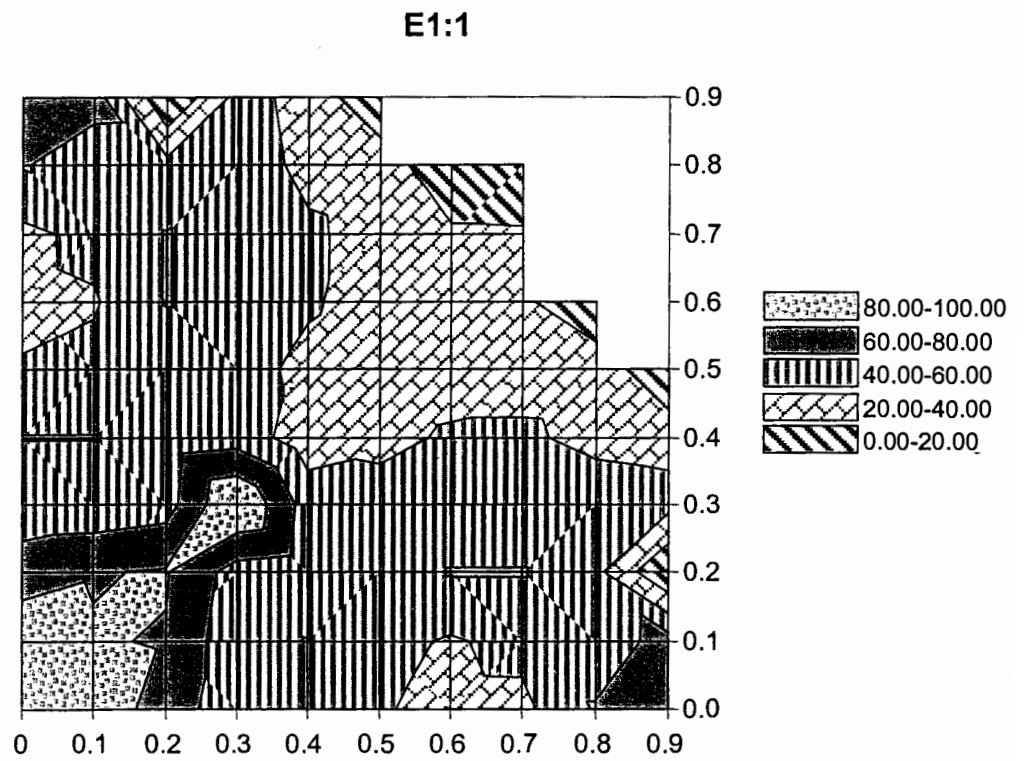


FIG. 31

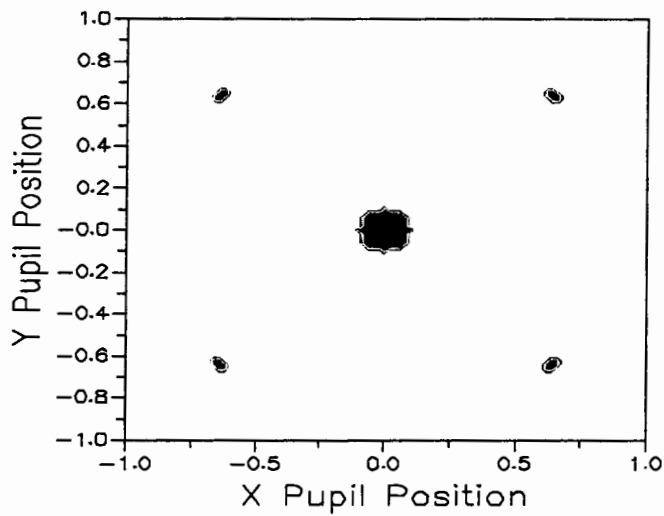


FIG. 32

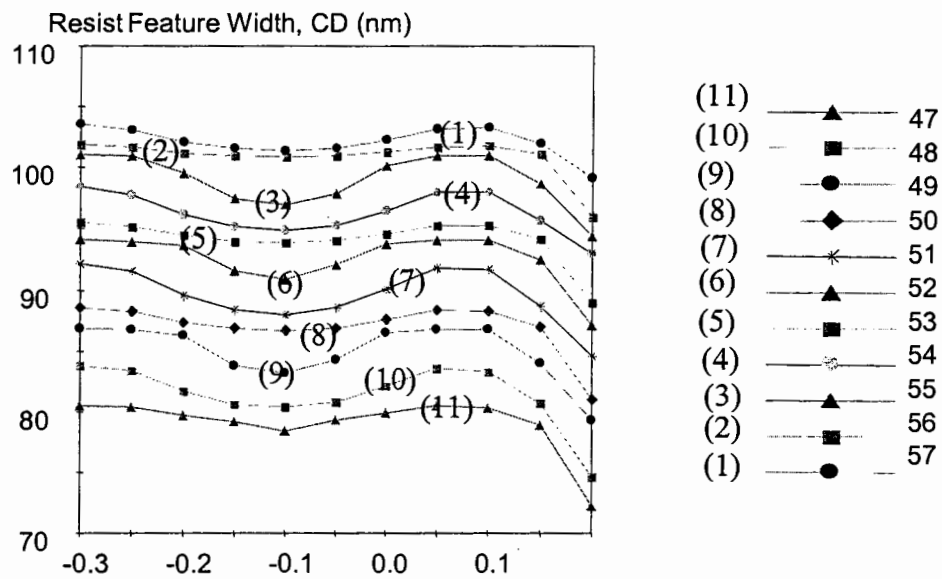


FIG. 33

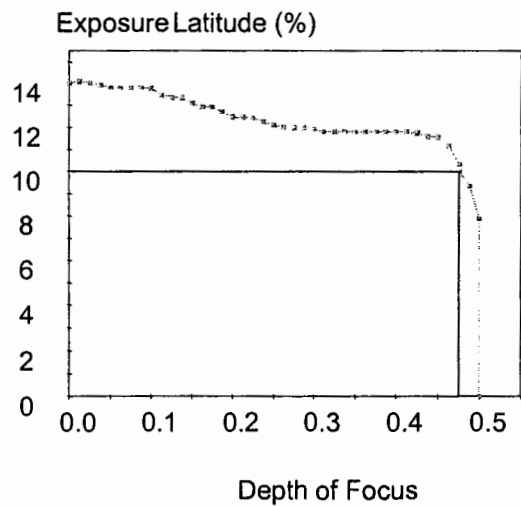


FIG. 34

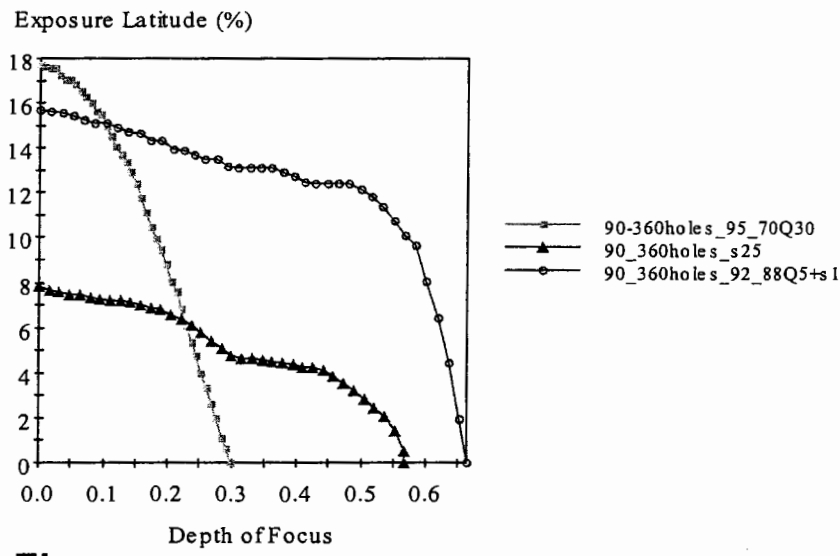


FIG. 35a max EL

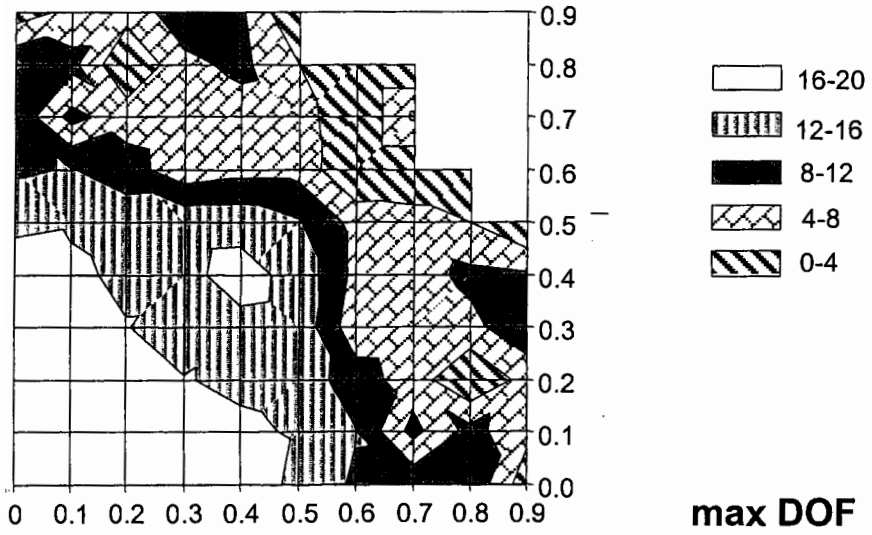
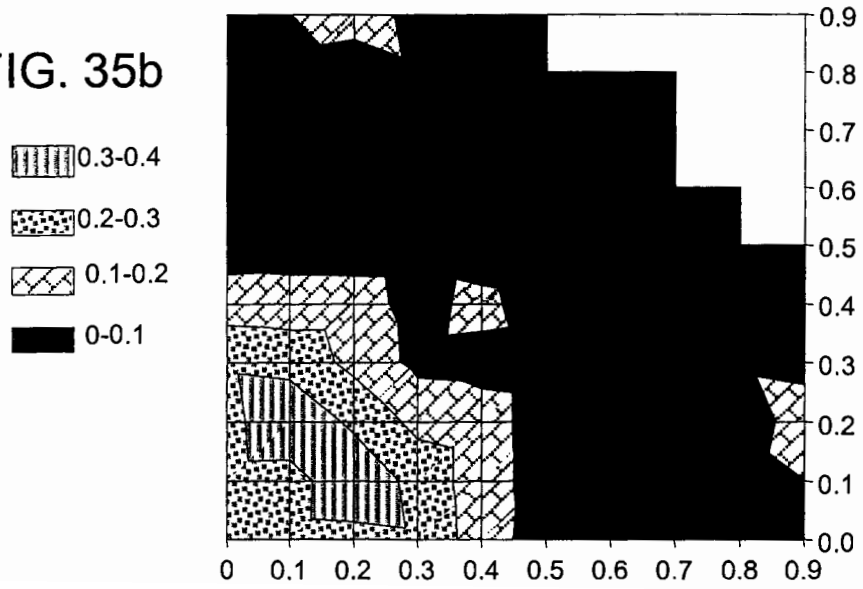


FIG. 35b



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FIG. 35c

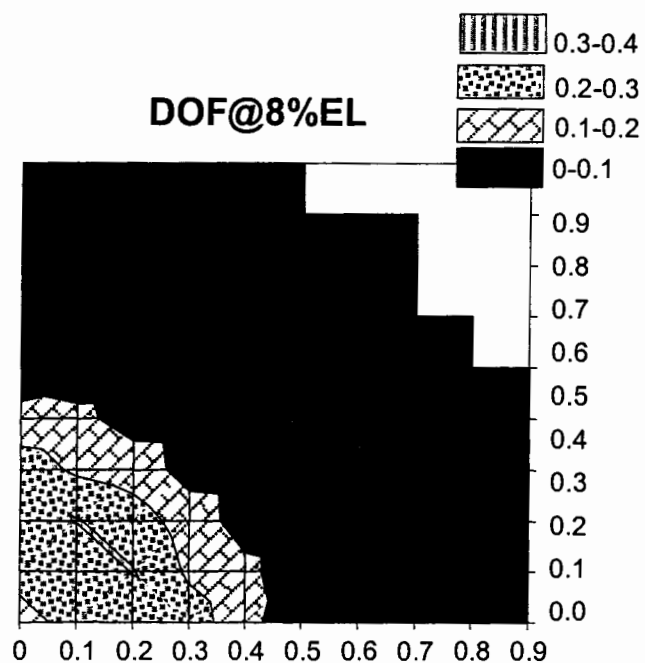
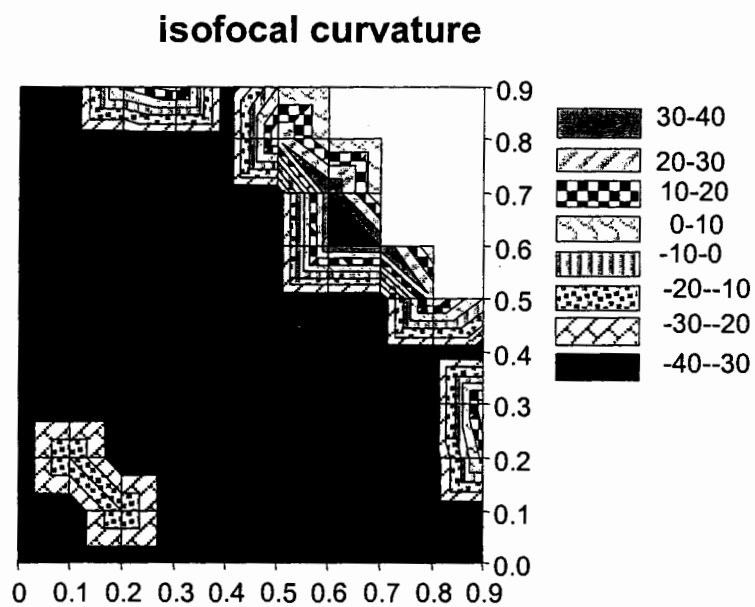


FIG. 35d



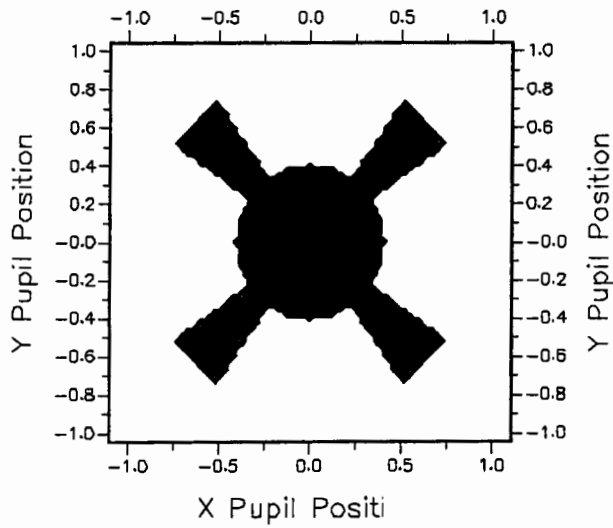
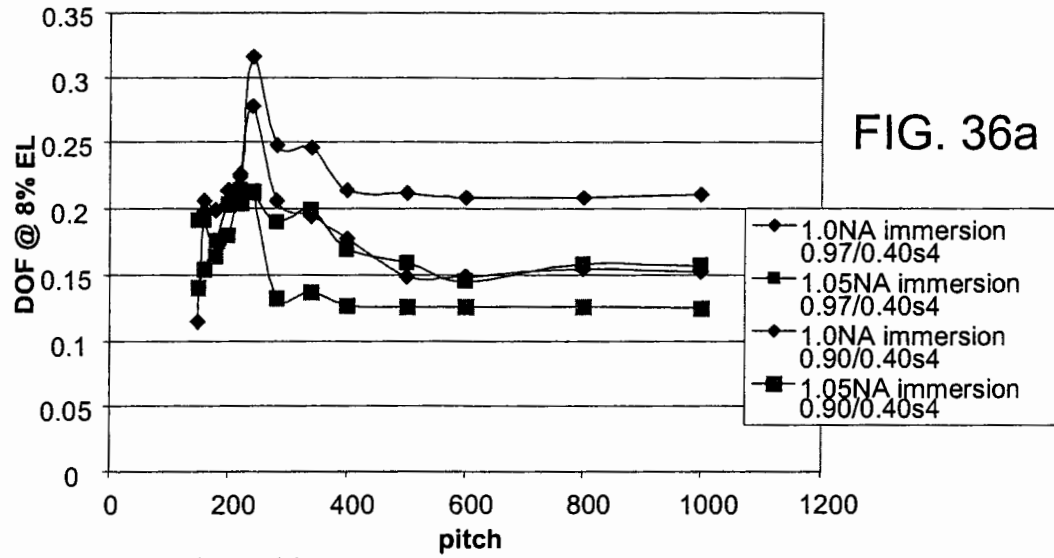
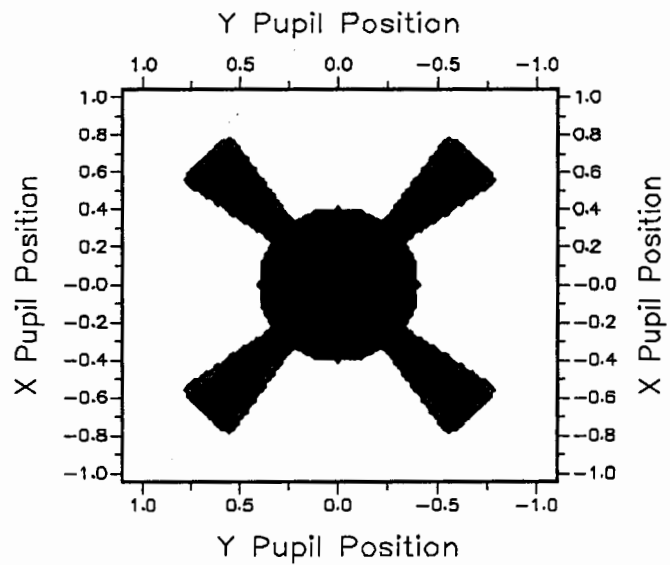


FIG. 36c



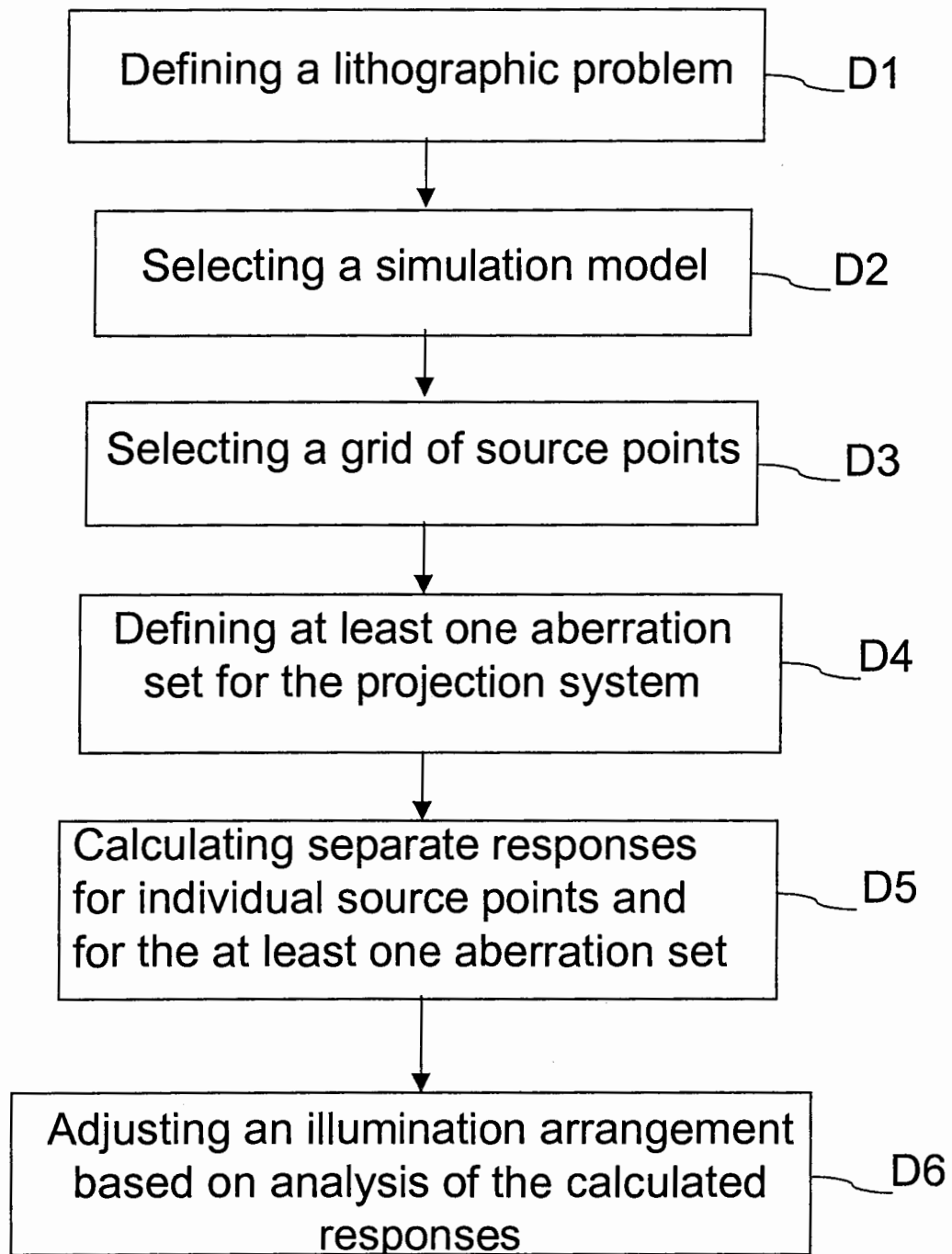


FIG. 37

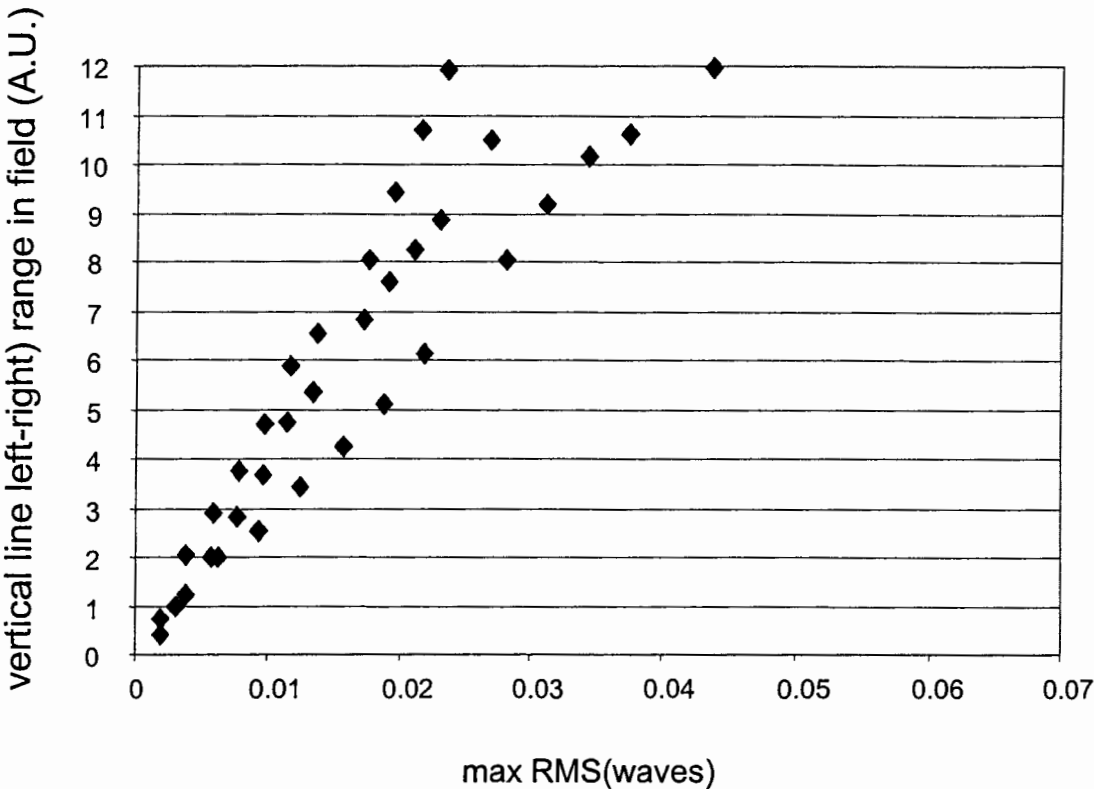


FIG. 38a

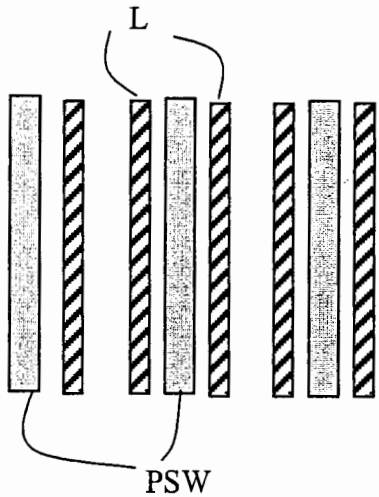


FIG. 38b

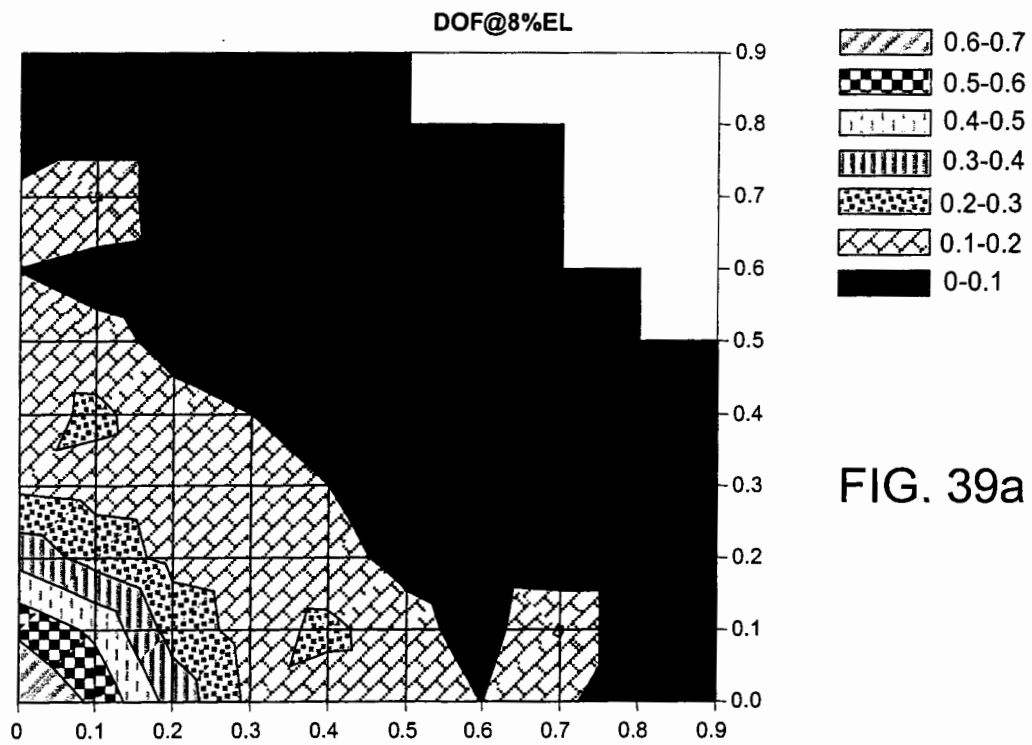


FIG. 39a

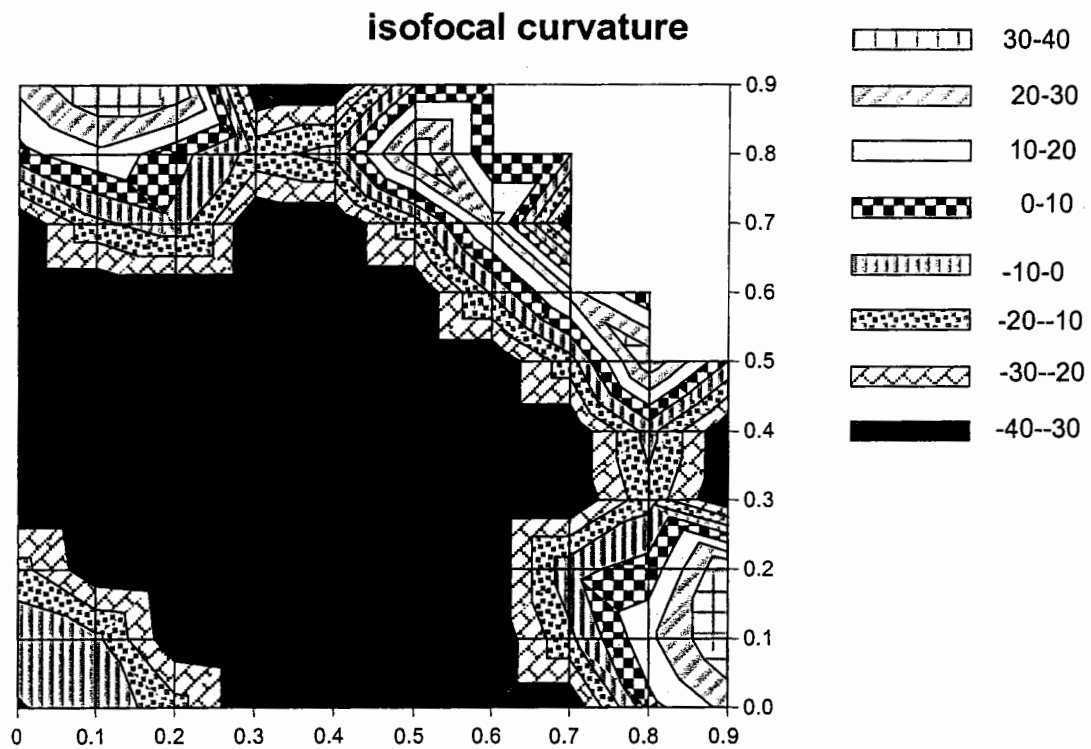


FIG. 39b

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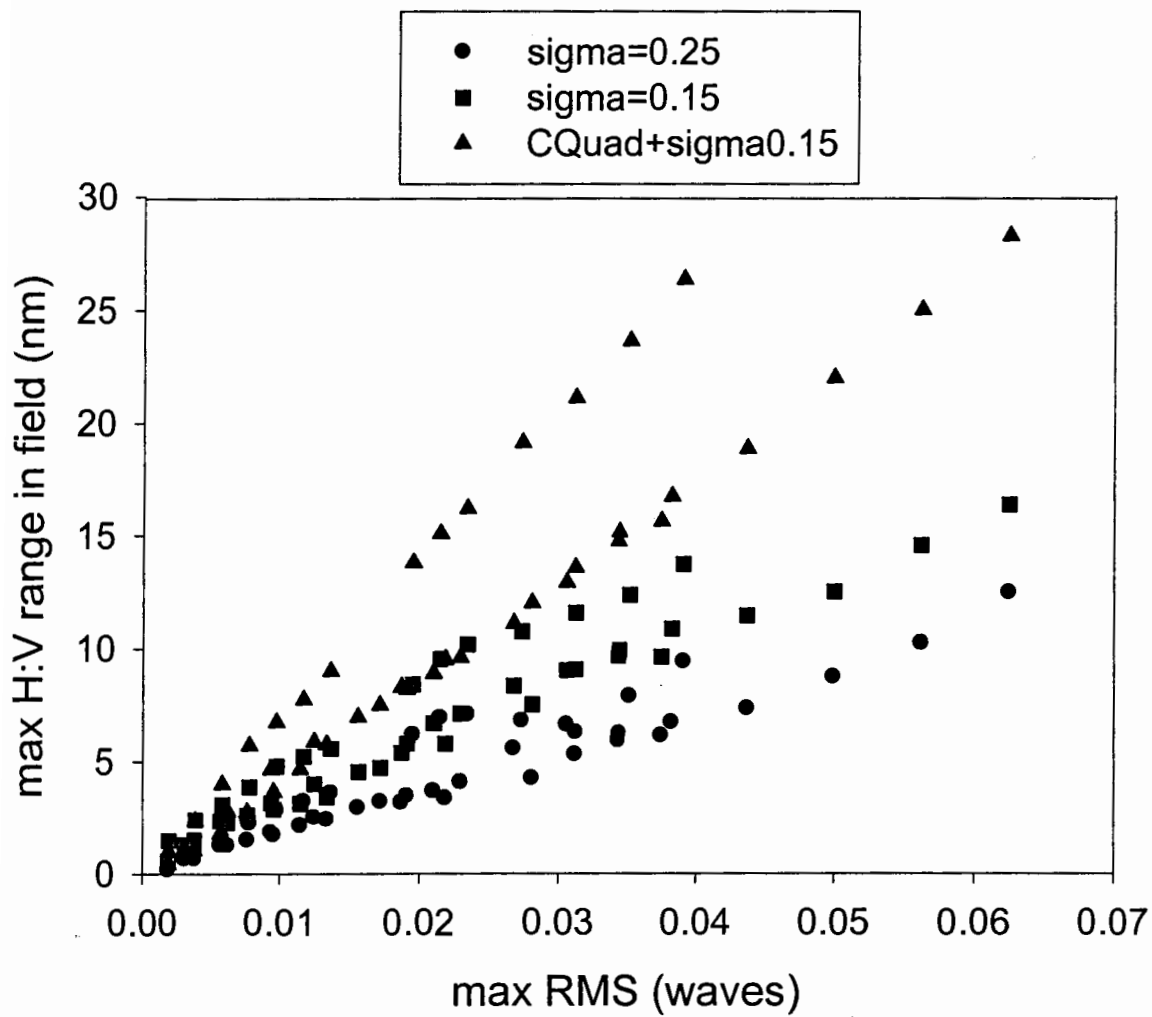
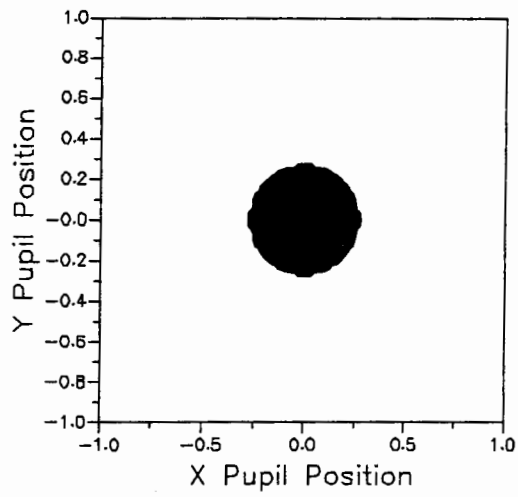
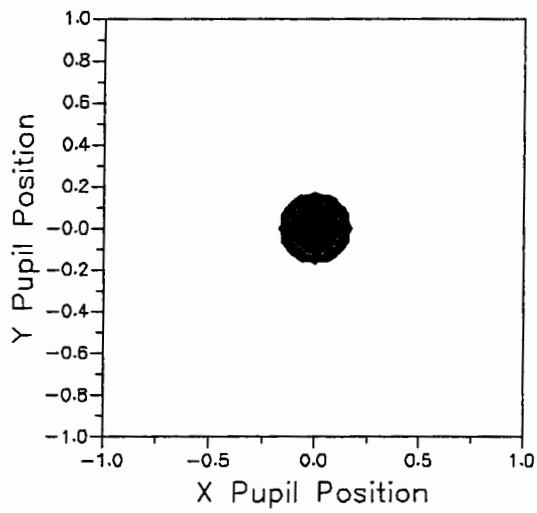


FIG. 40

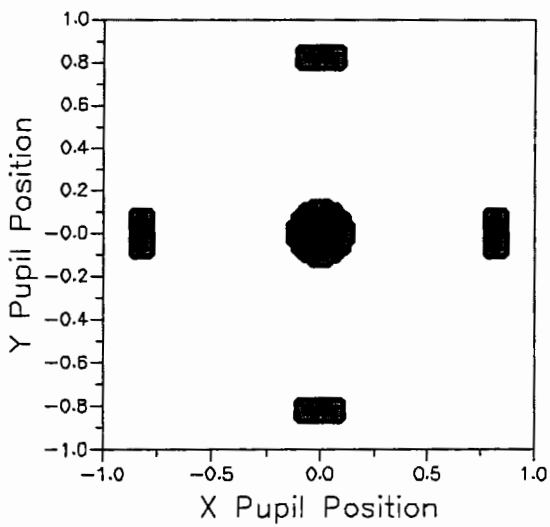


(a)



(b)

FIG. 41



(c)

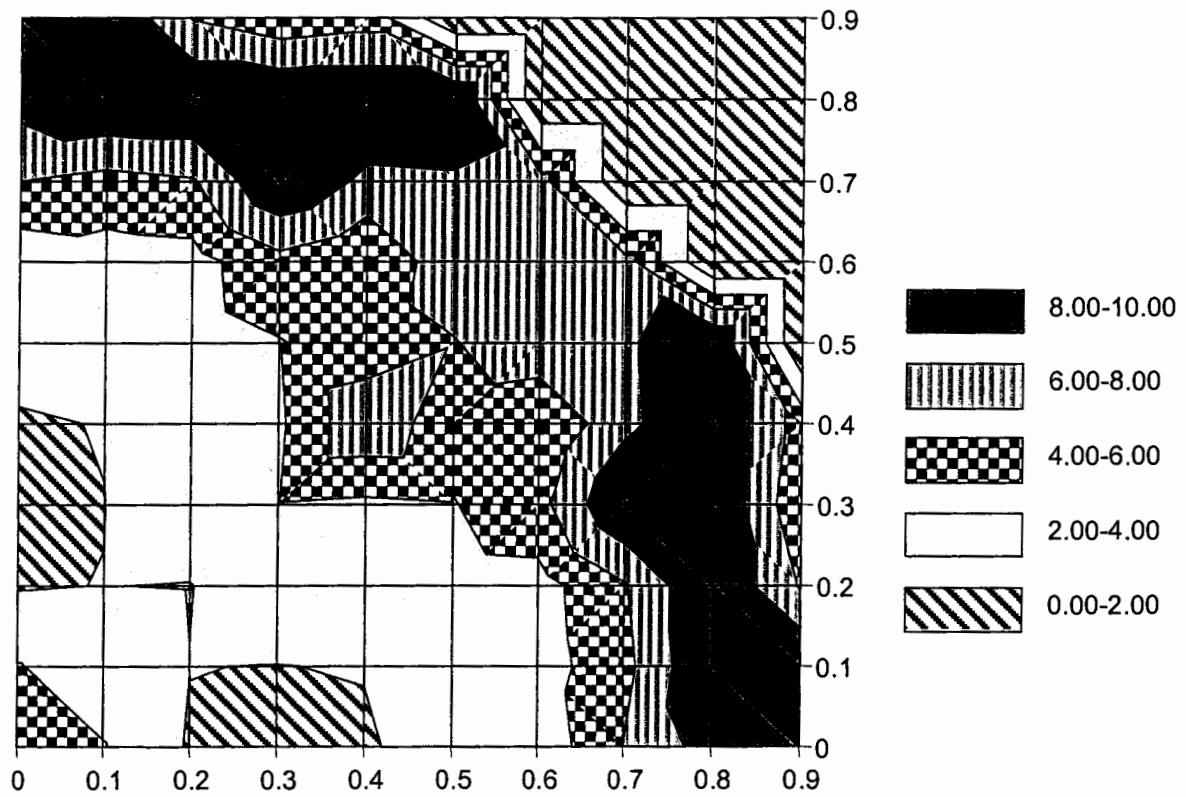


FIG. 42

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DOF@8%EL

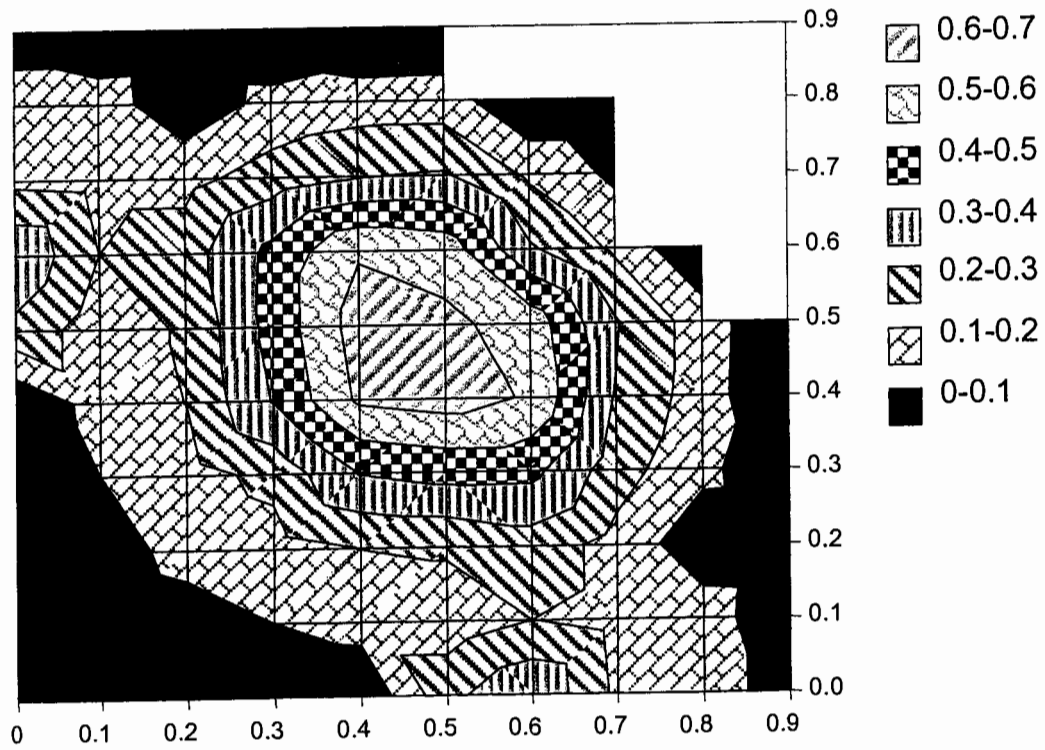


FIG. 43

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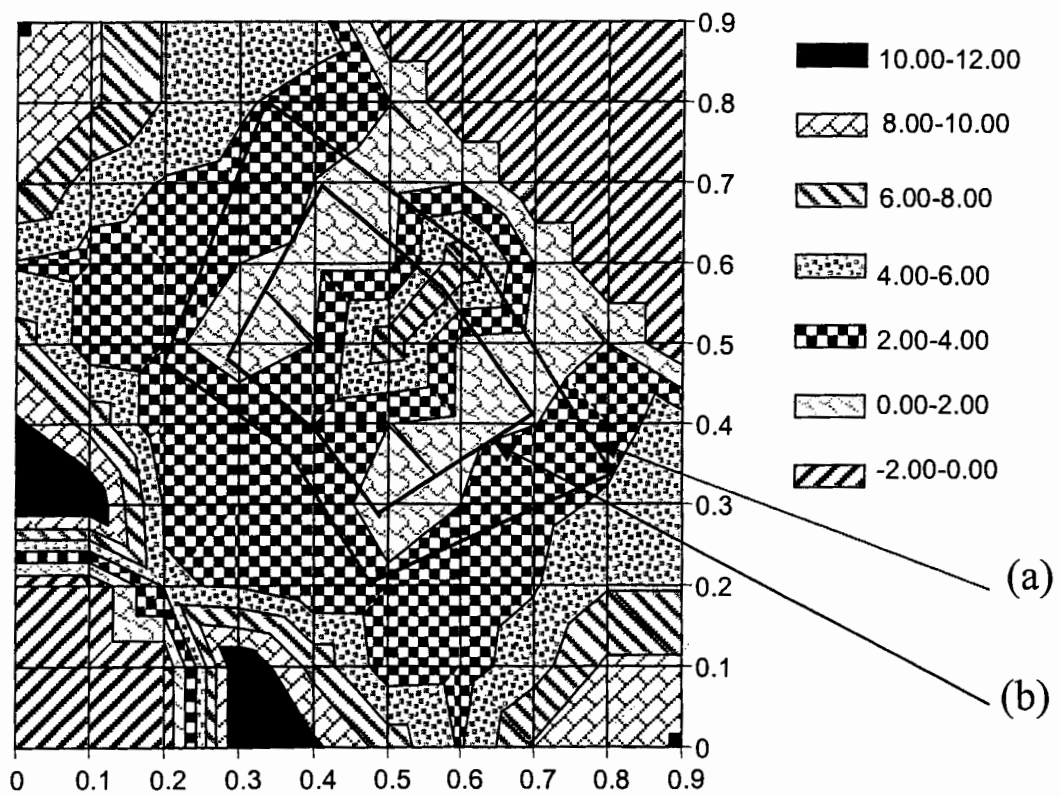


FIG. 44

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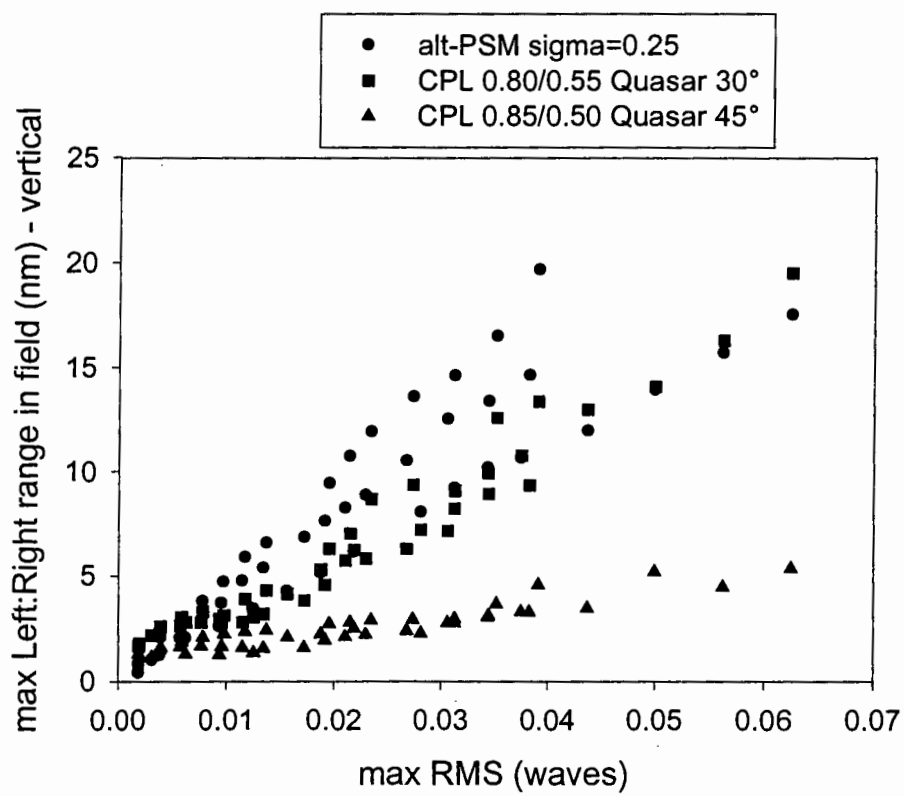


FIG. 45

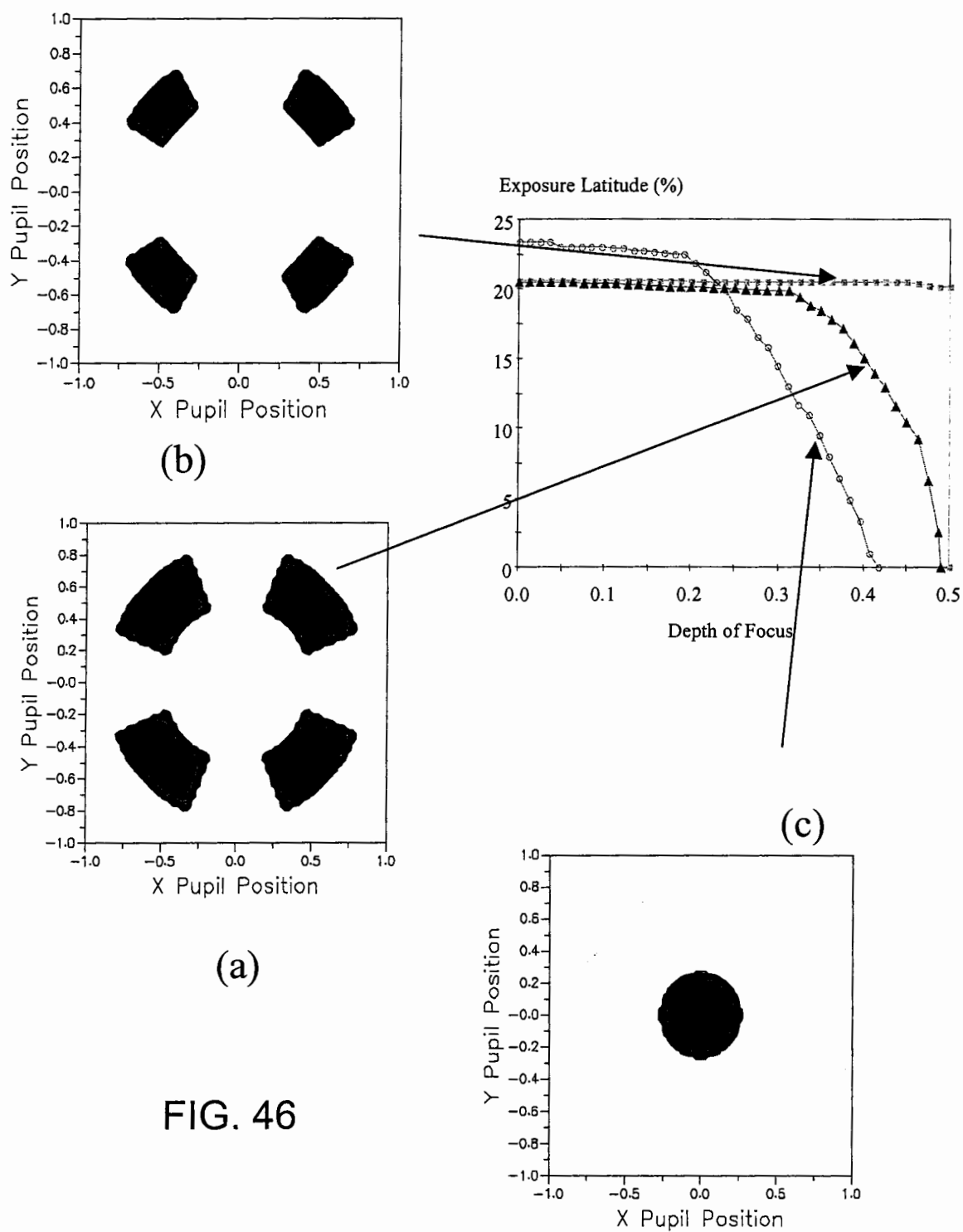


FIG. 46

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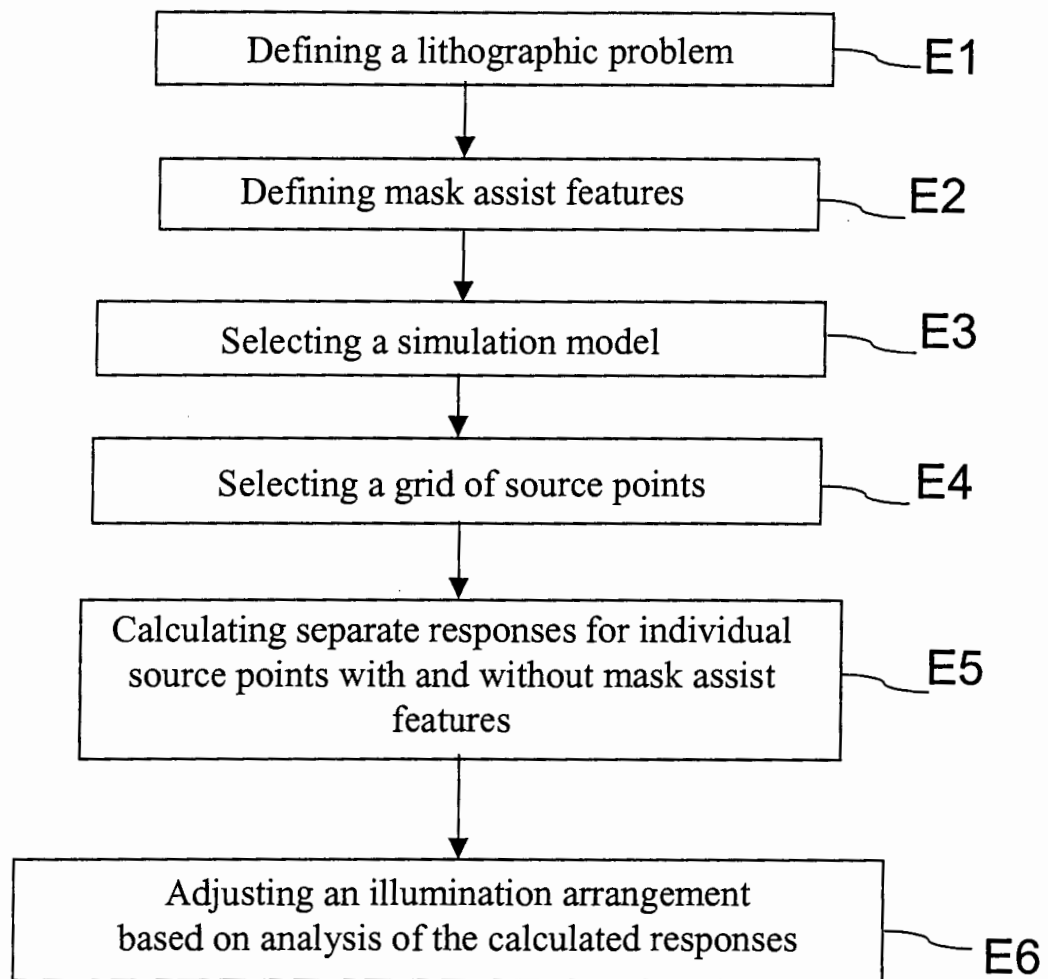


FIG. 47

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FIG. 48

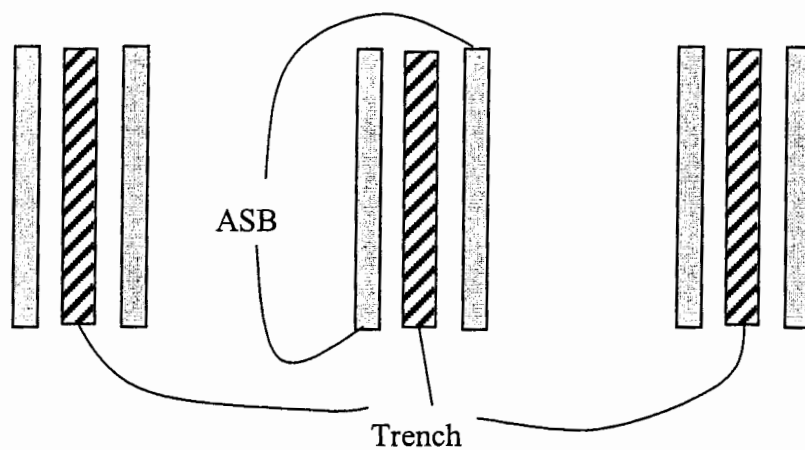
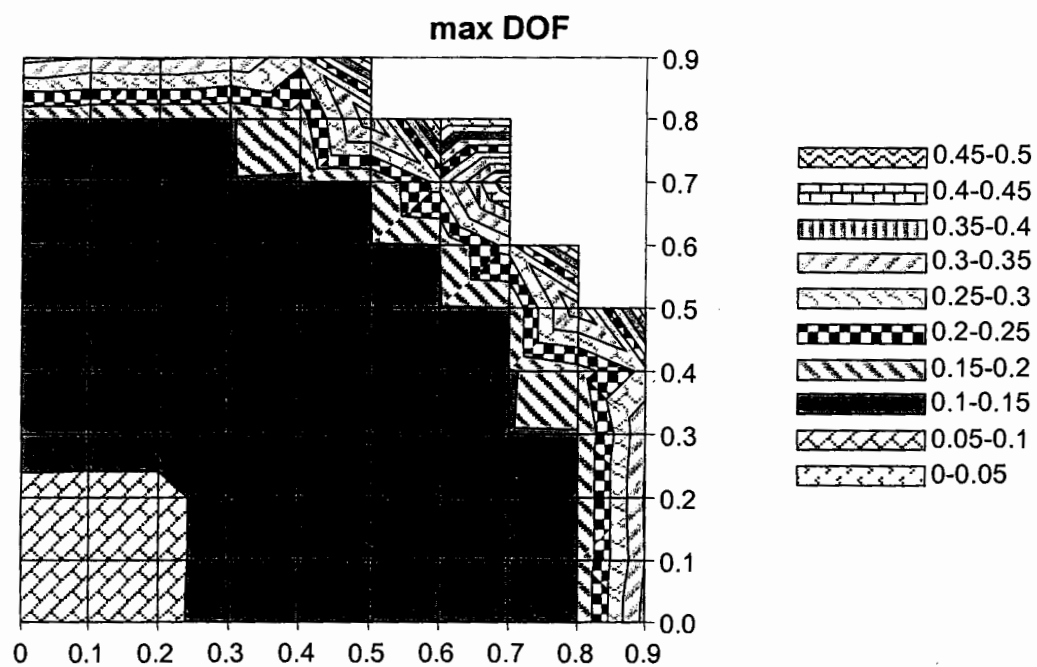
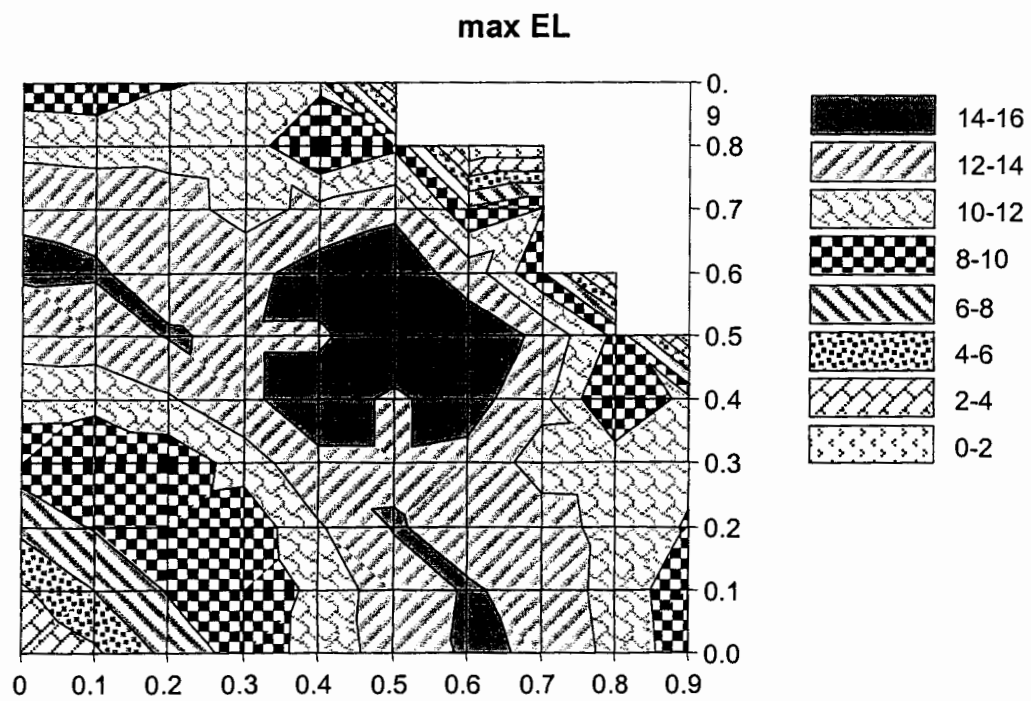


FIG. 49a



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FIG. 49b



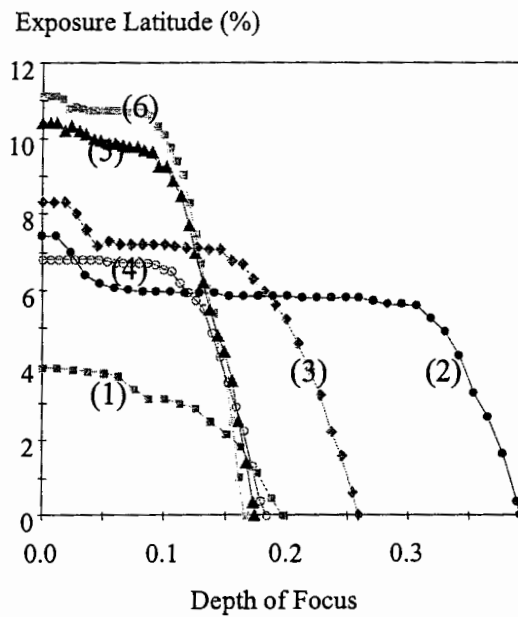


FIG. 50

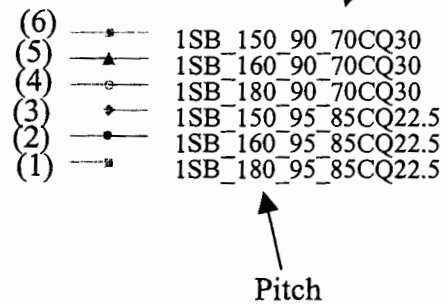


FIG. 51a

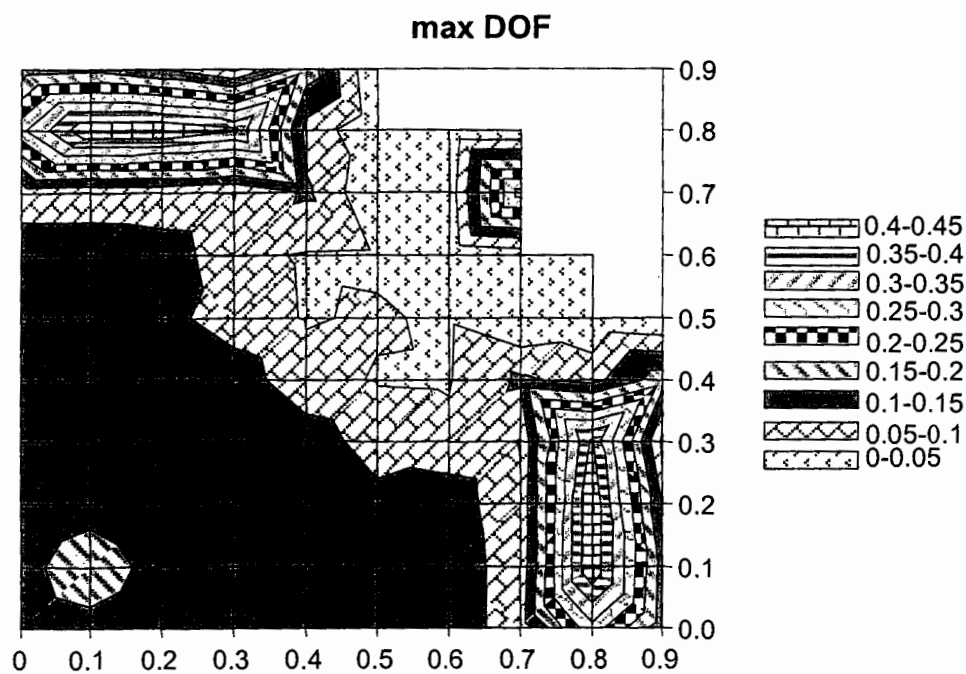
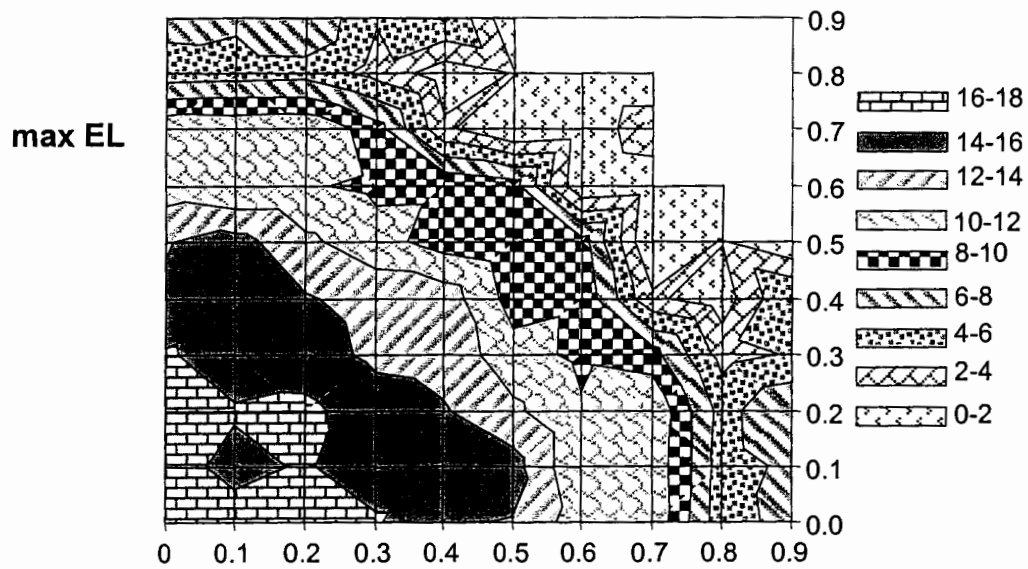


FIG. 51b



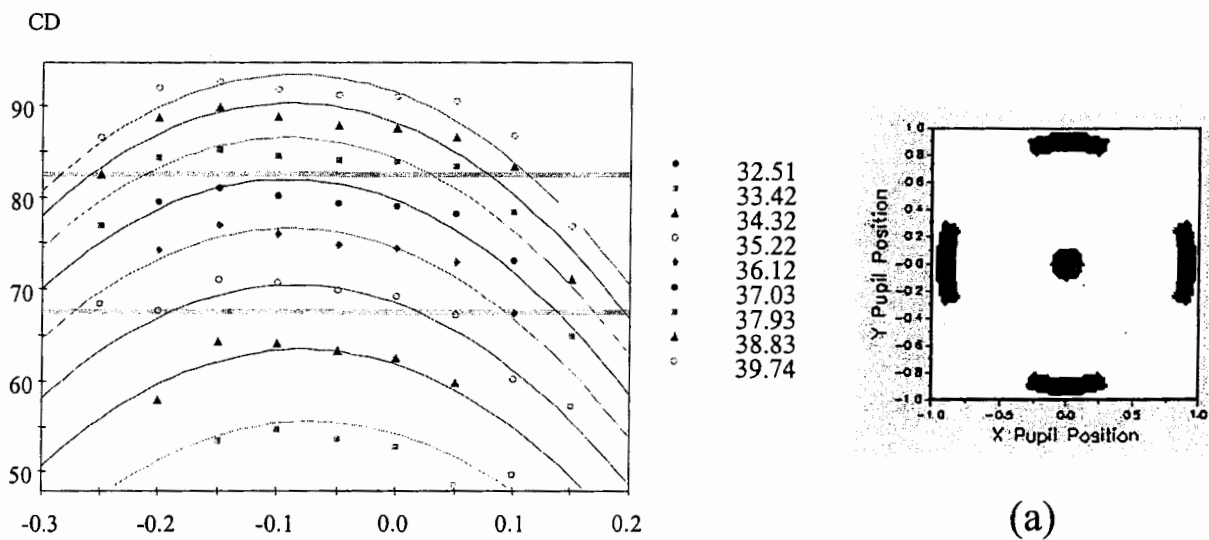


FIG. 52

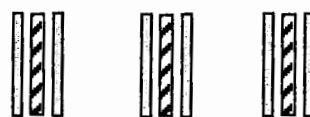
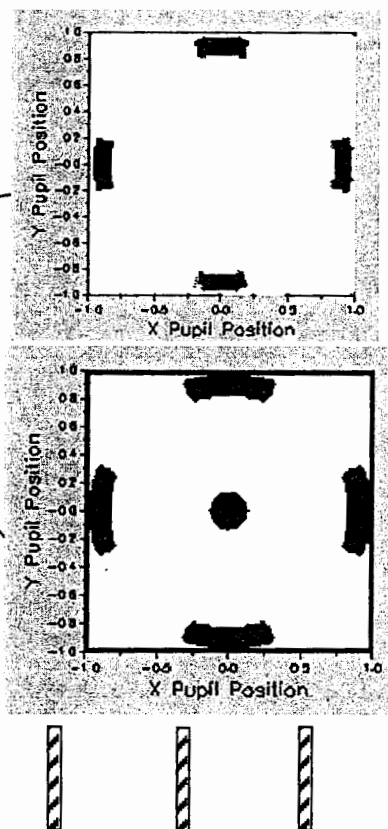
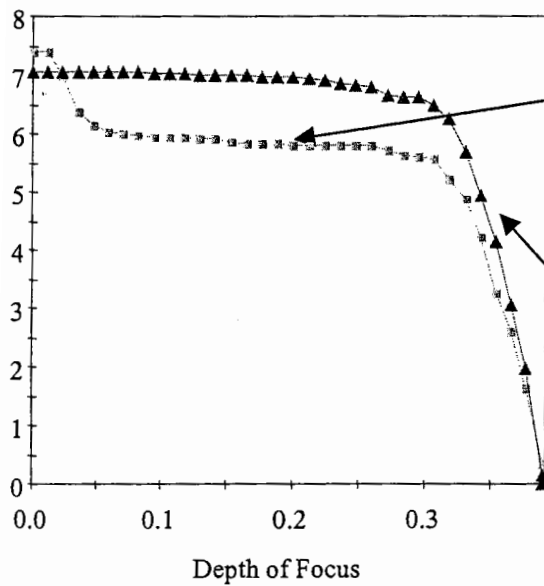
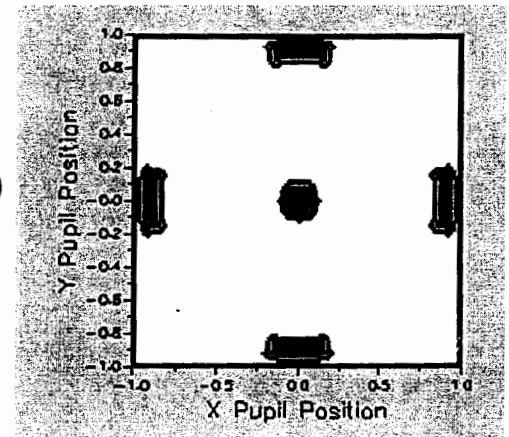


FIG. 53

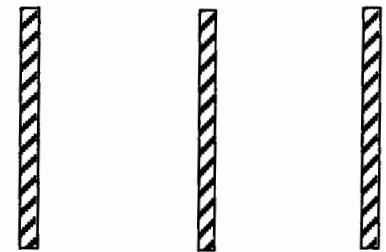
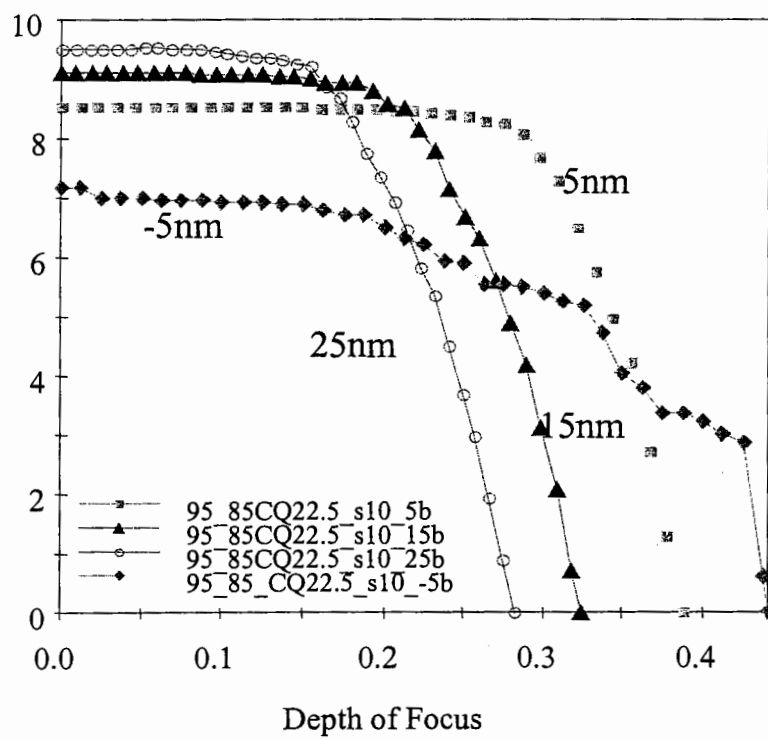
Exposure Latitude (%)



(b)



Exposure Latitude (%)



(a)

FIG.54

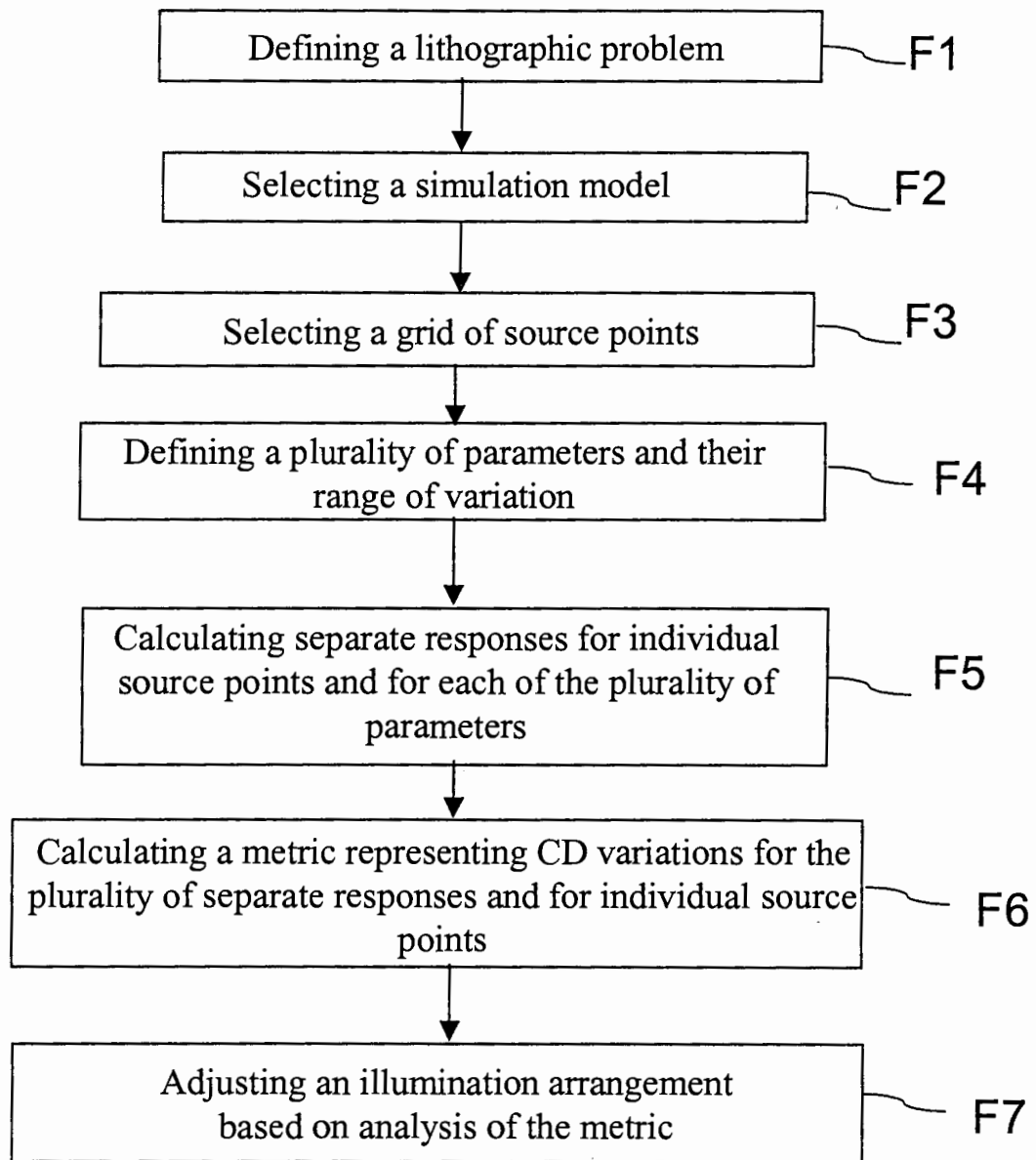
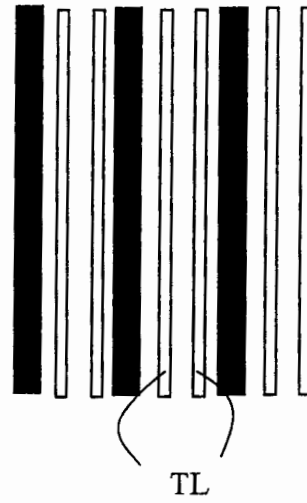


FIG. 55

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FIG. 56



DOF@8%EL

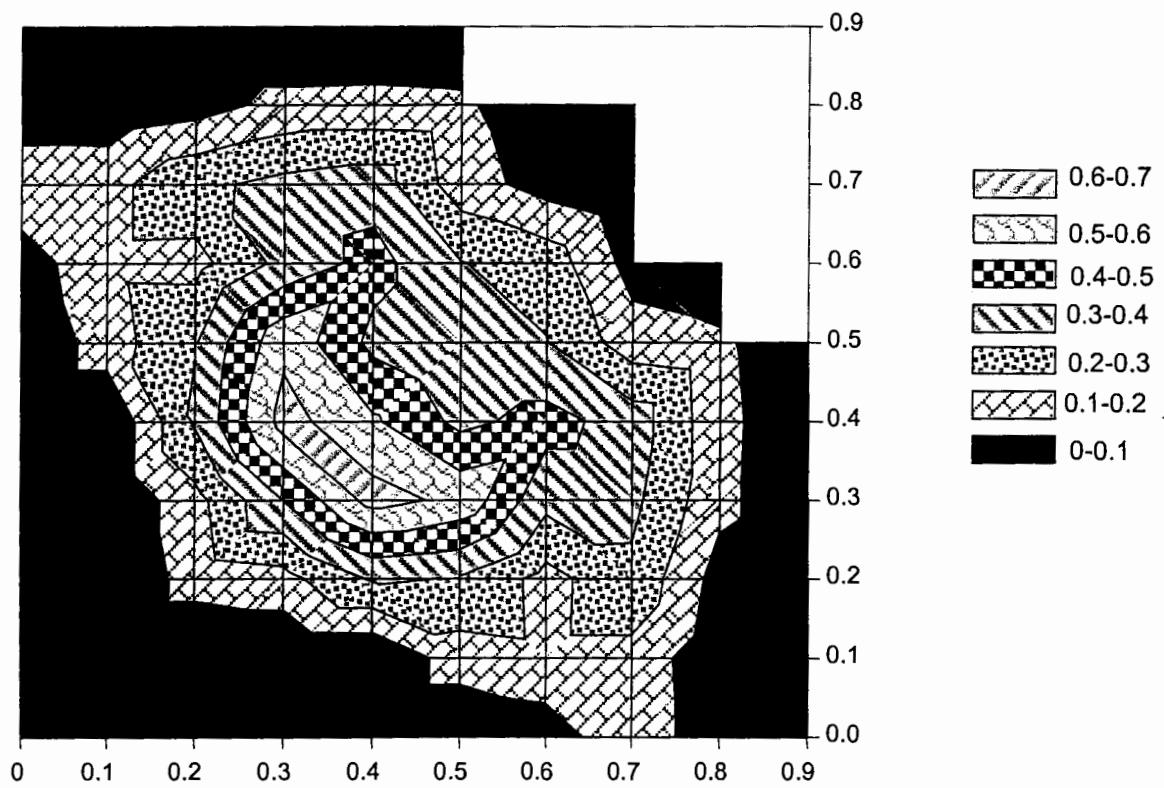


FIG. 57

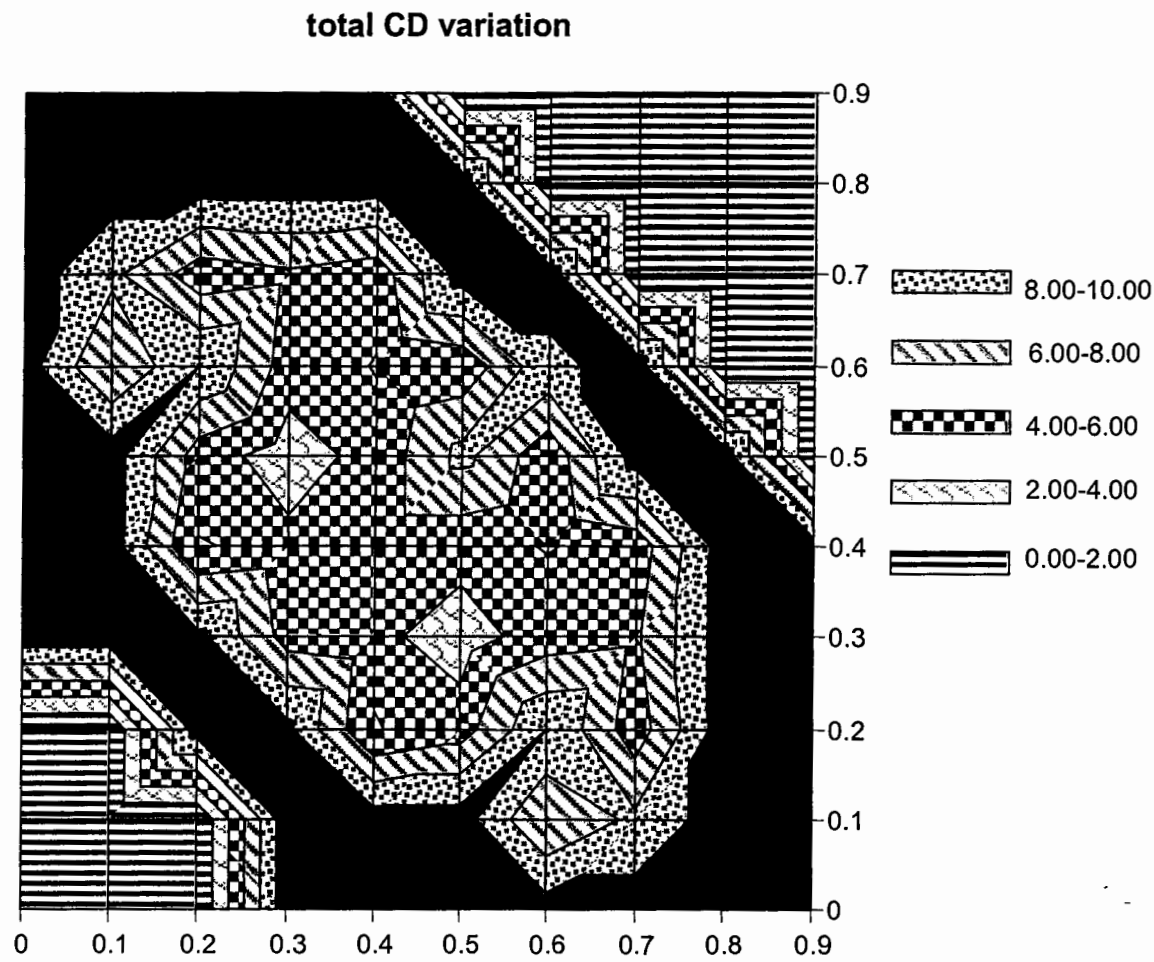


FIG. 58

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