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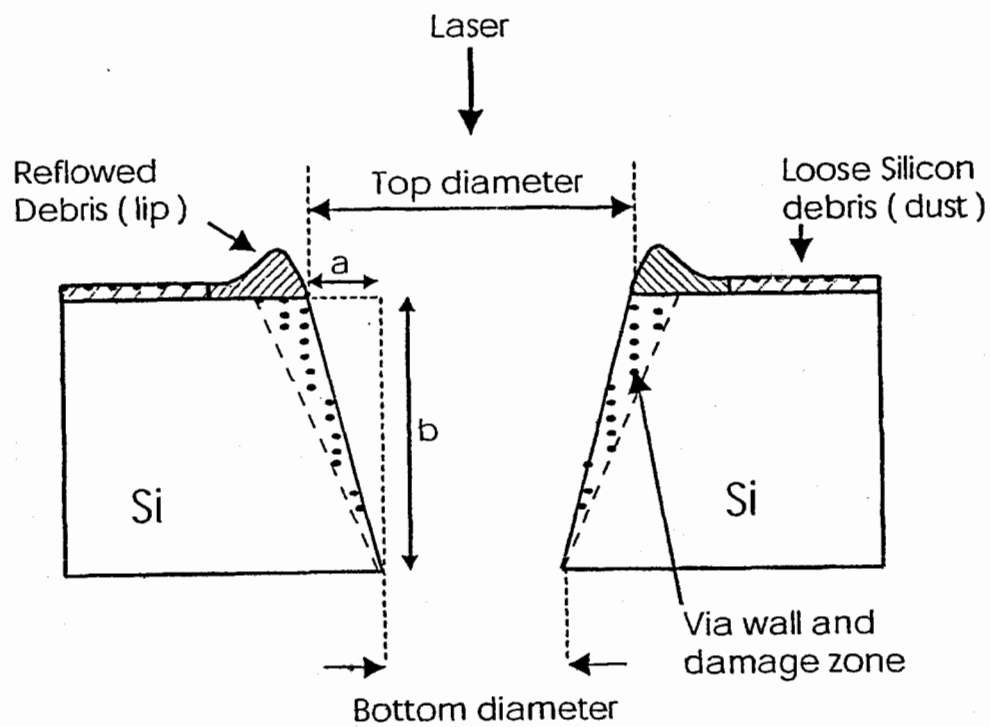


Fig. A
(PRIOR ART)

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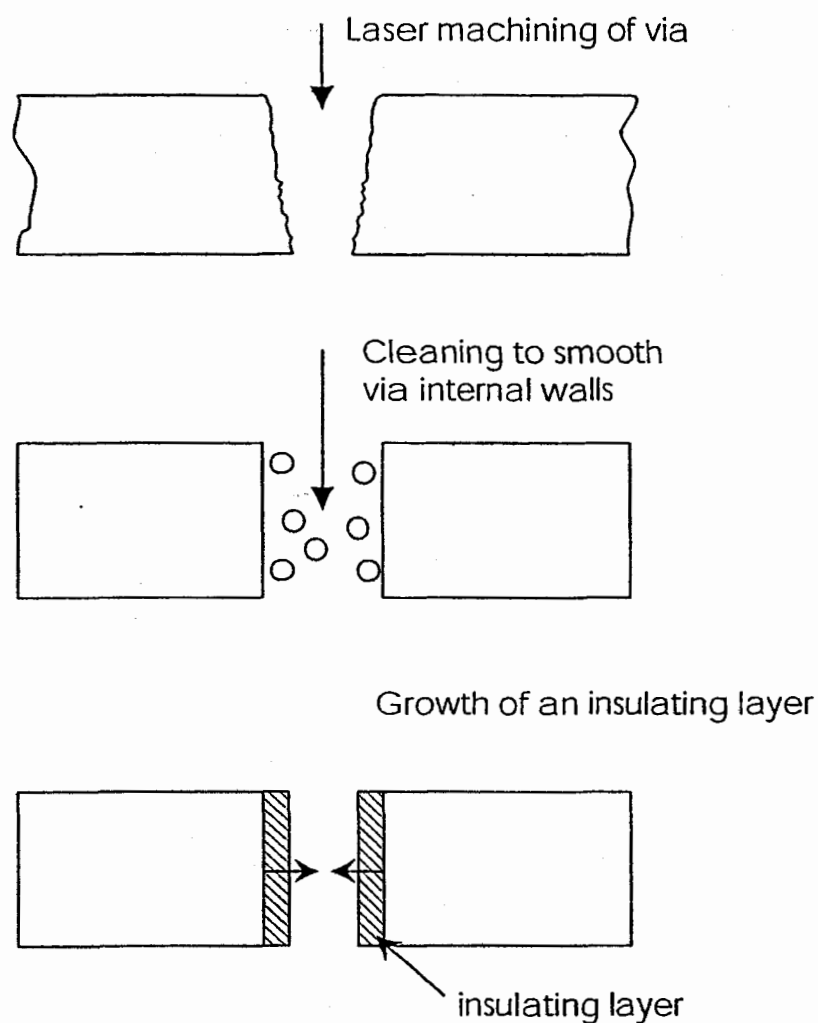


Fig. B
(PRIOR ART)

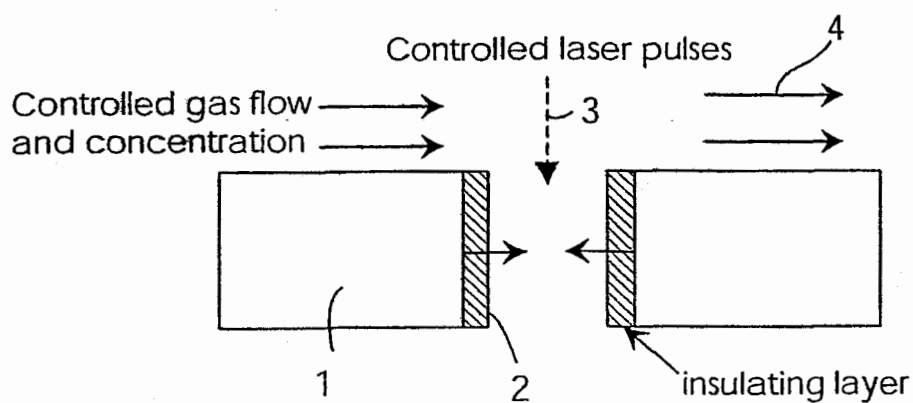


Fig. 1

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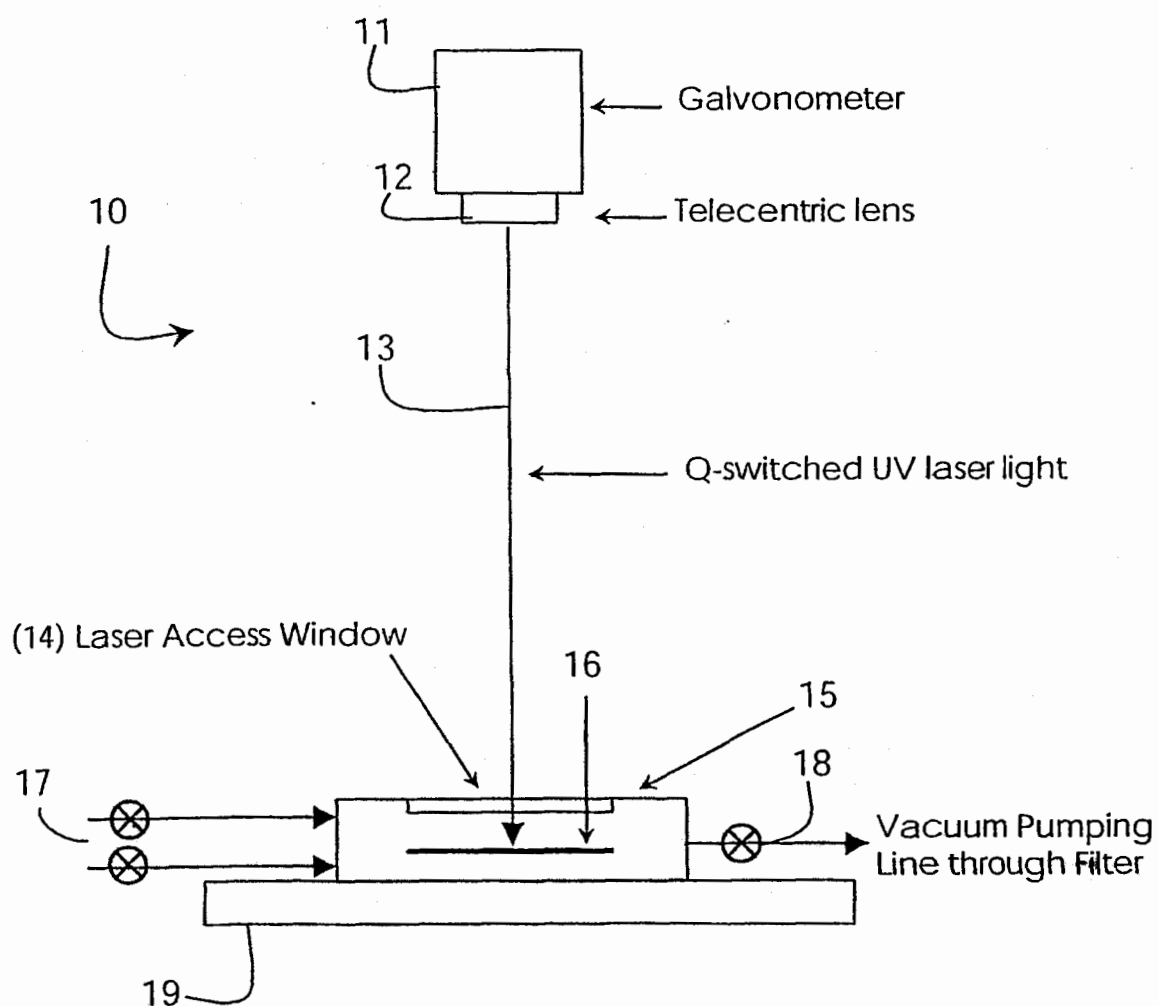


Fig. 2

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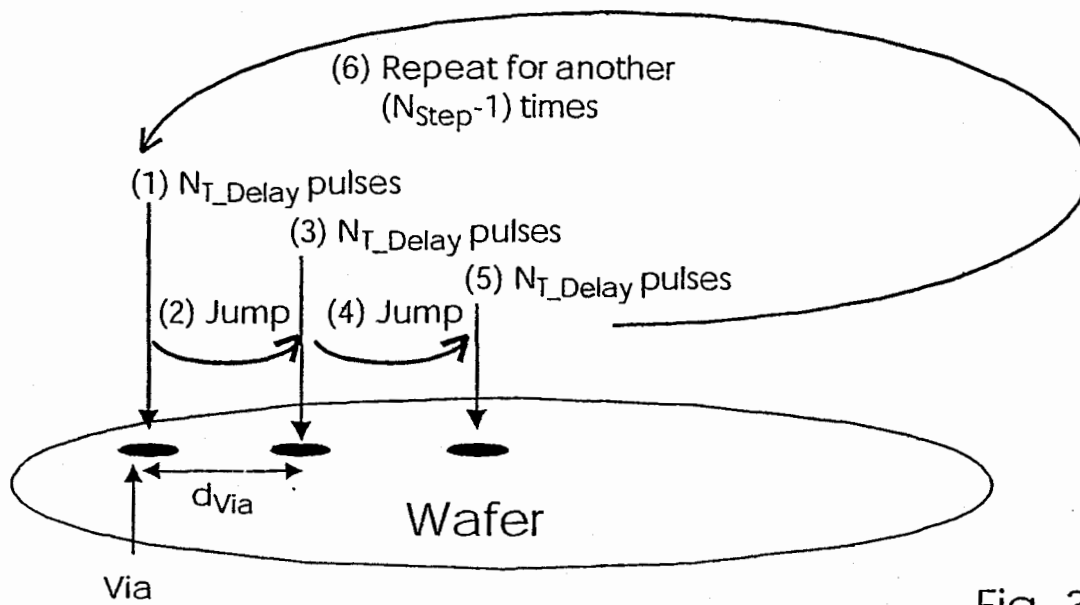


Fig. 3

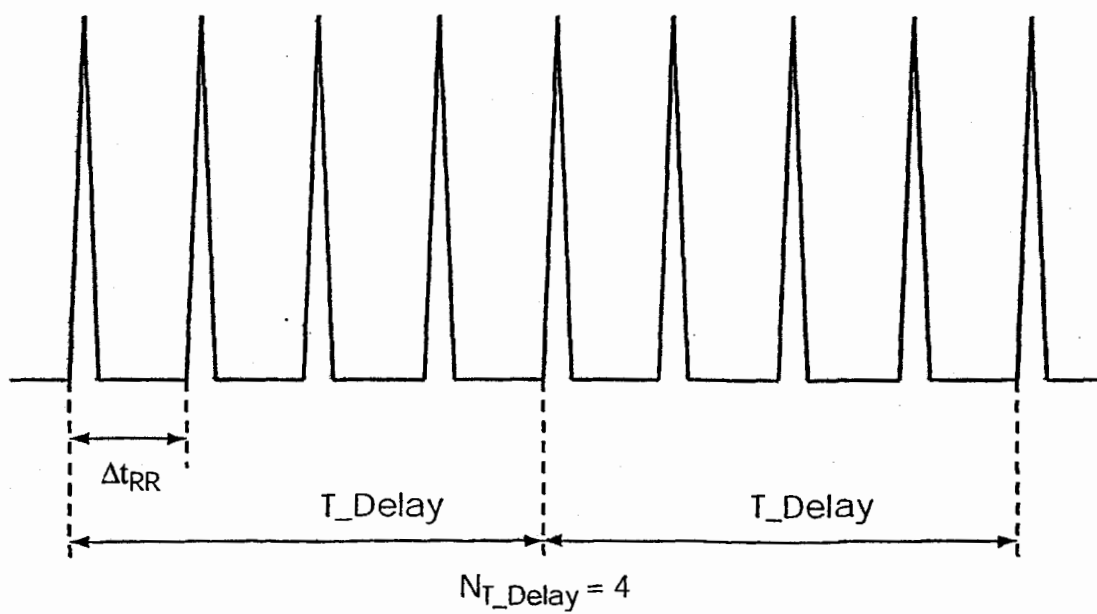


Fig. 4

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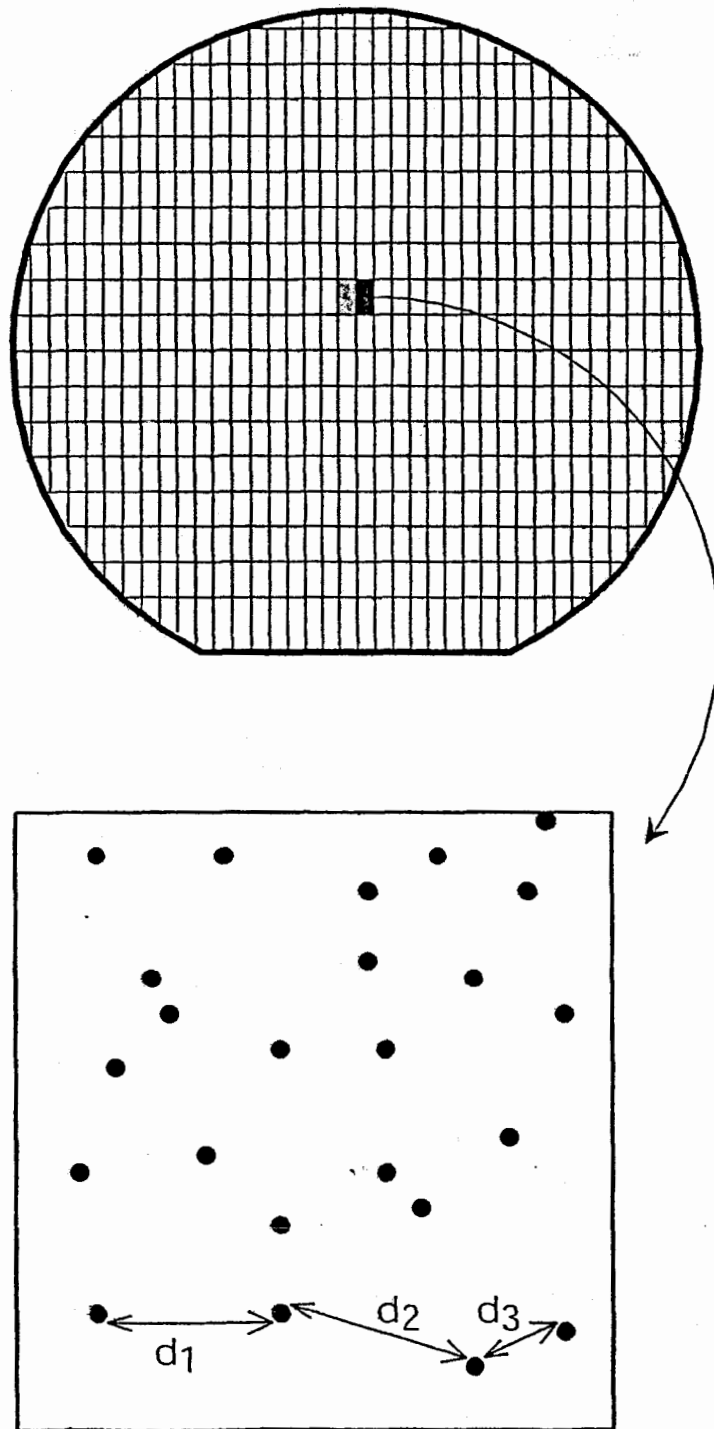


Fig. 5

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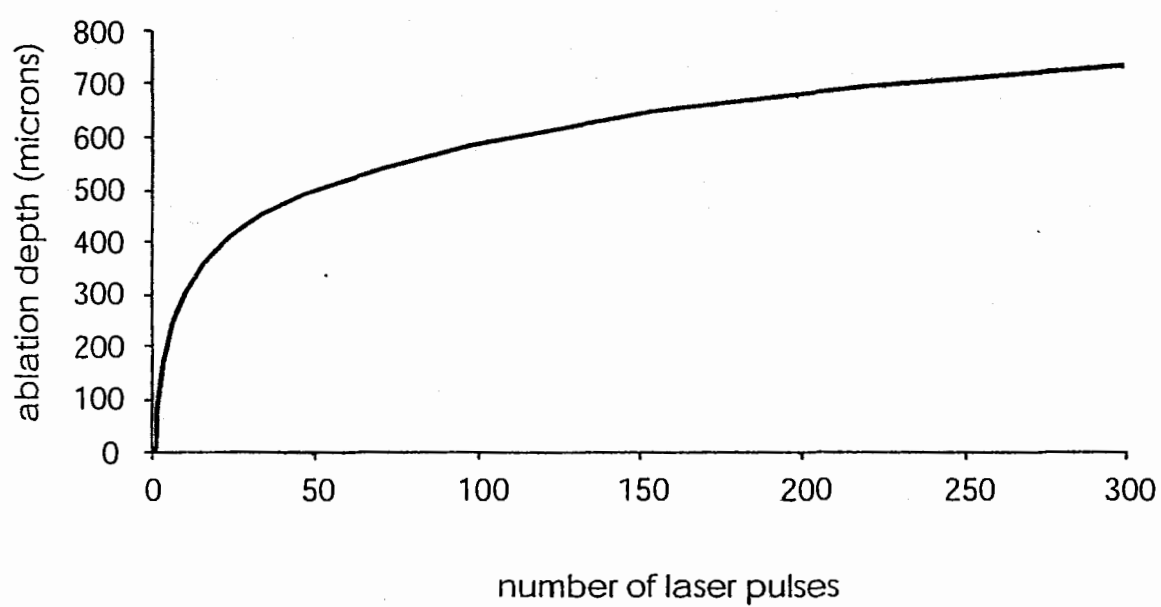


Fig. 6

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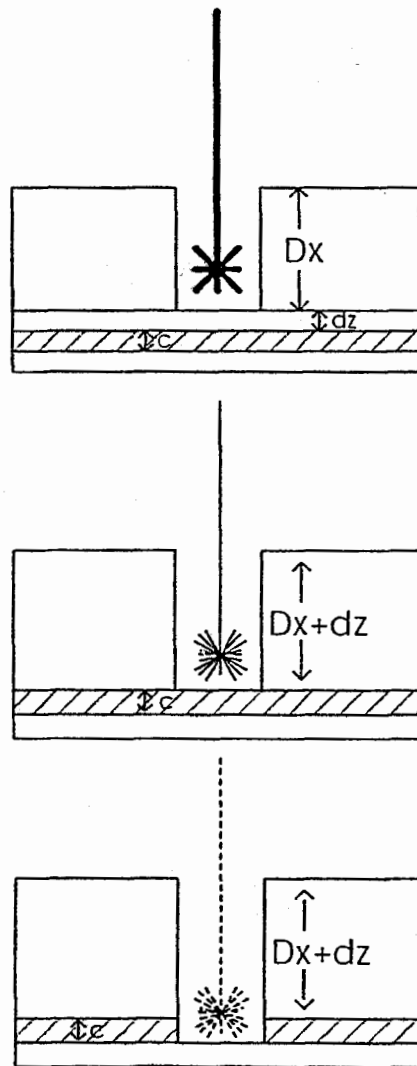
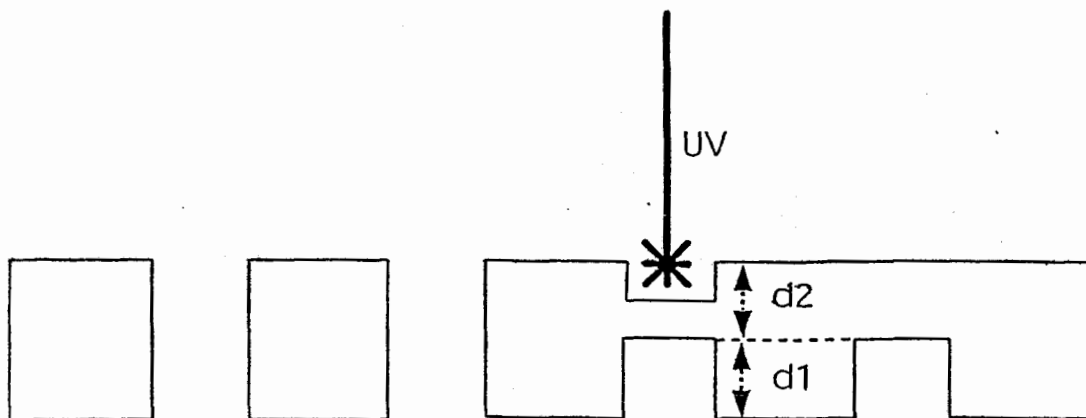


Fig. 7



Drilling a double-sided via from the second side

Fig. 8

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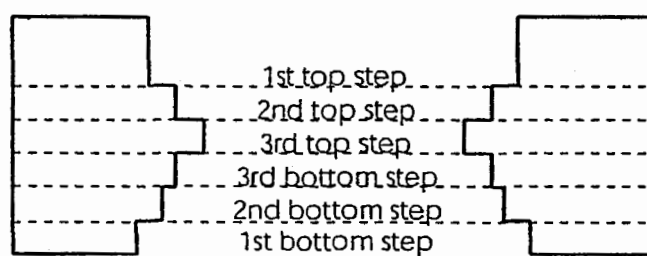


Fig. 9

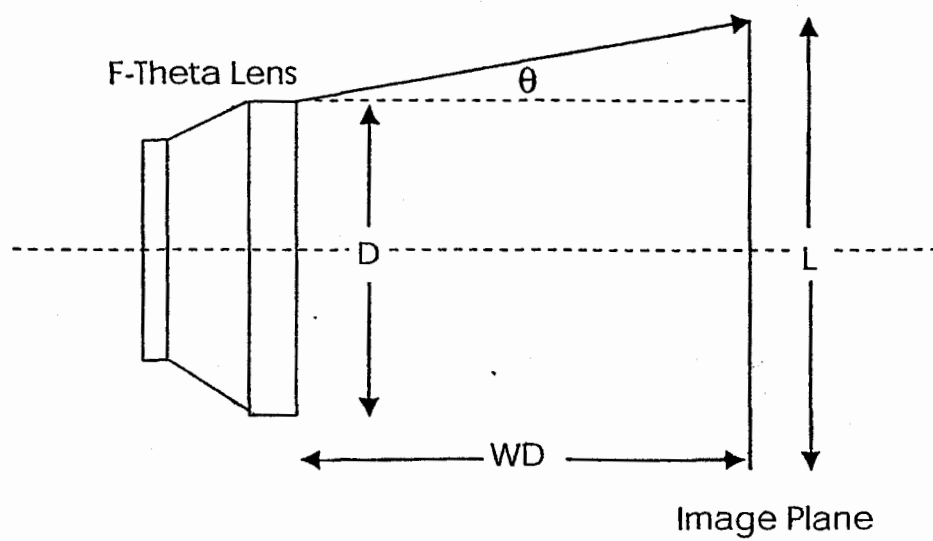


Fig. 10

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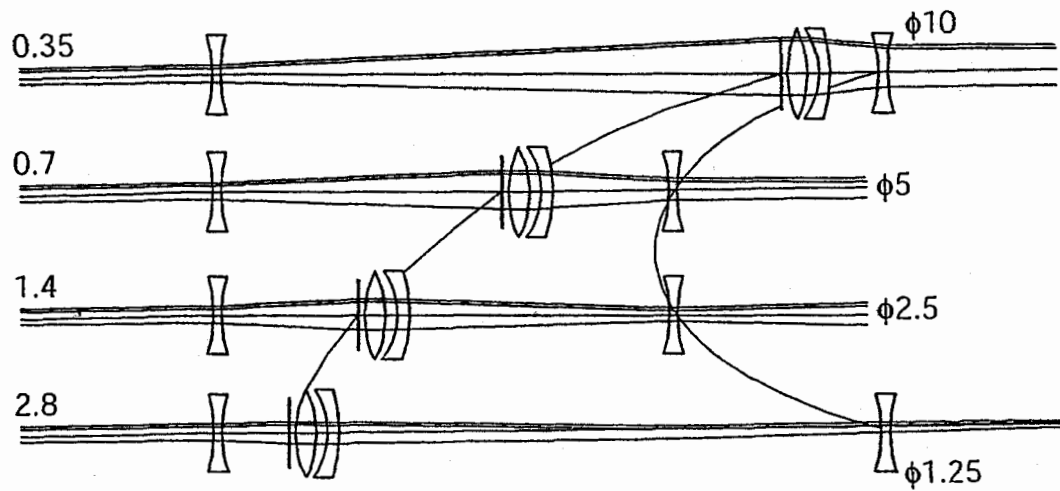


Fig. 11

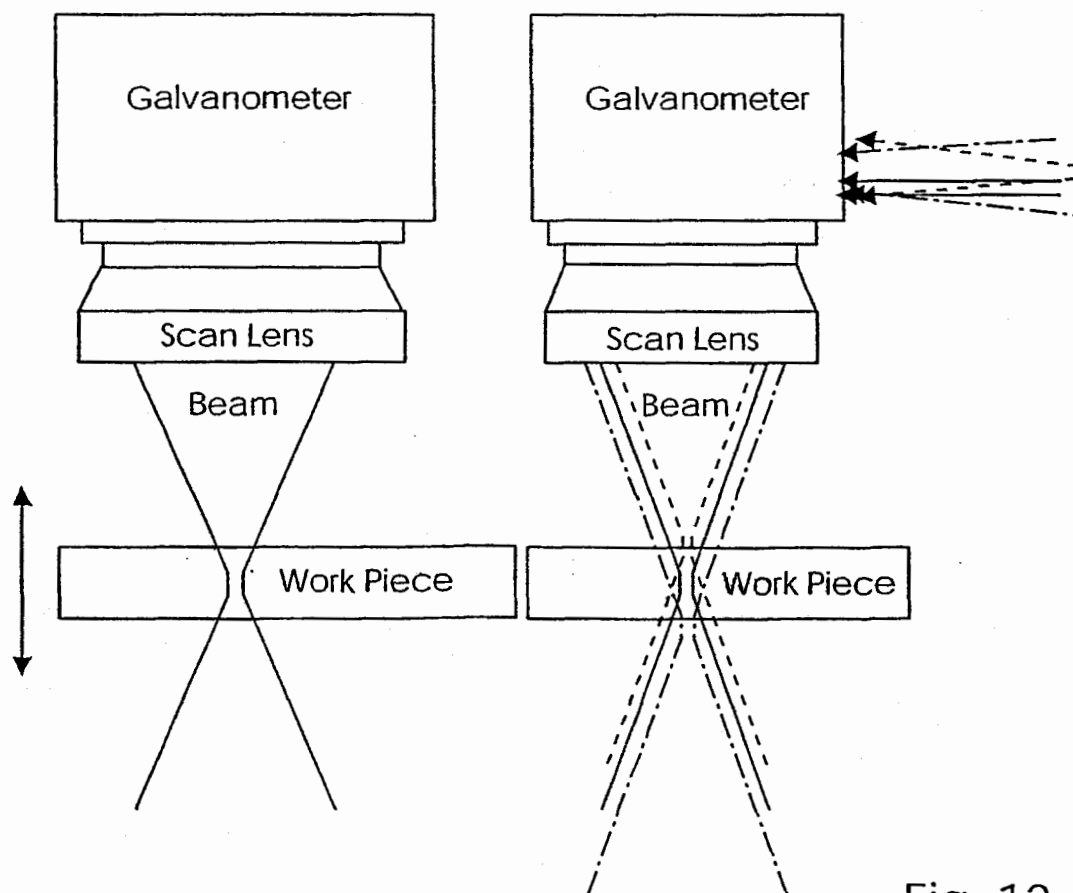


Fig. 12

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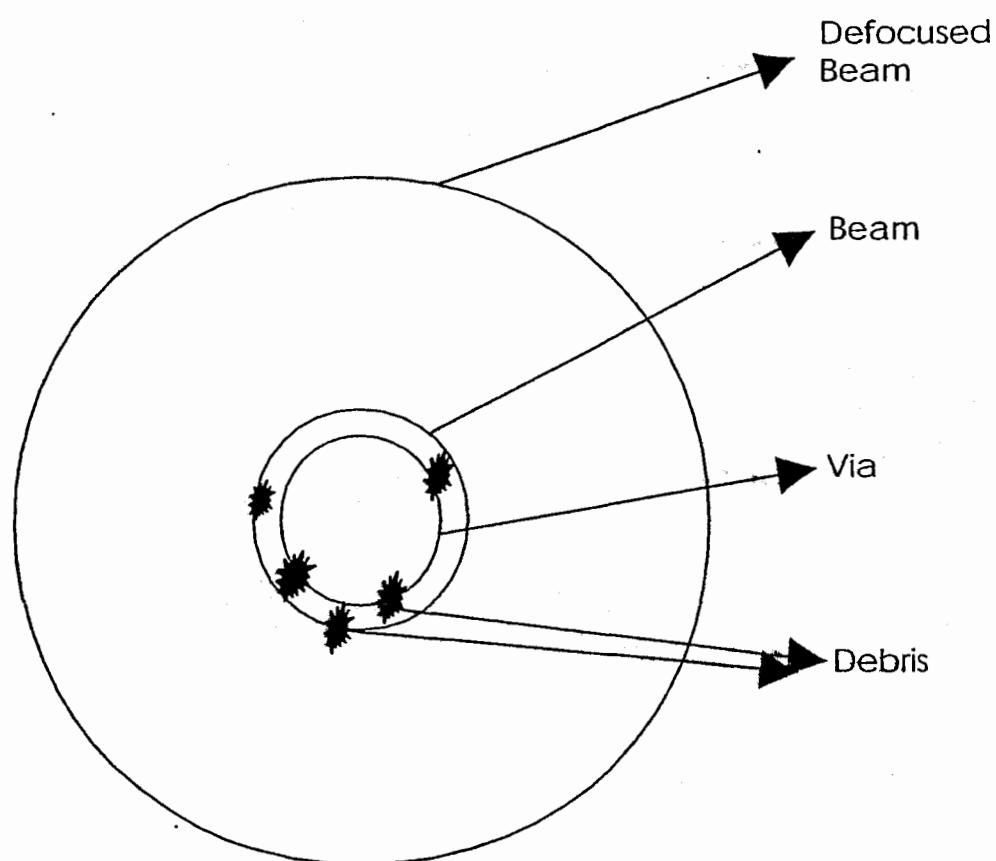


Fig. 13

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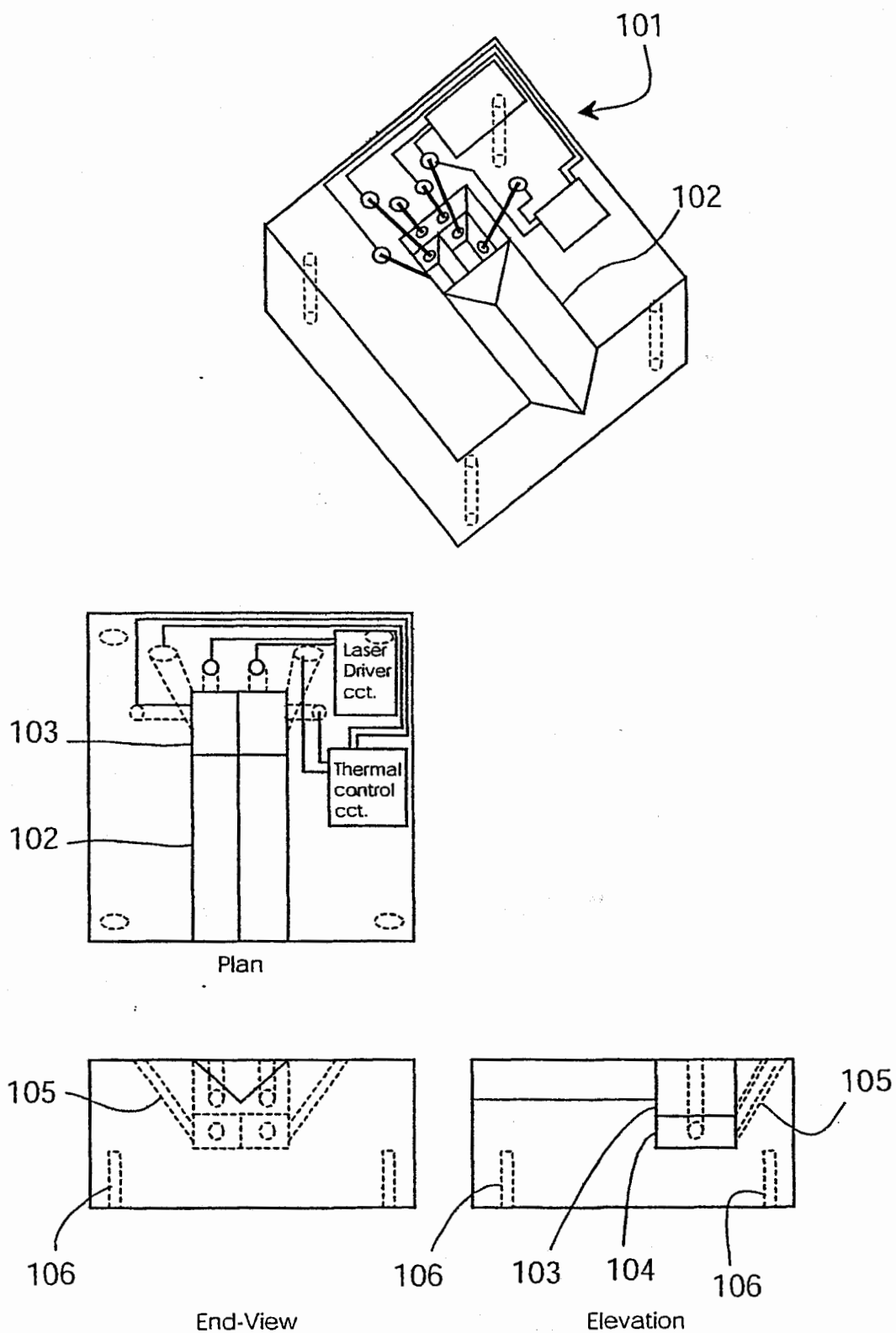


Fig. 14

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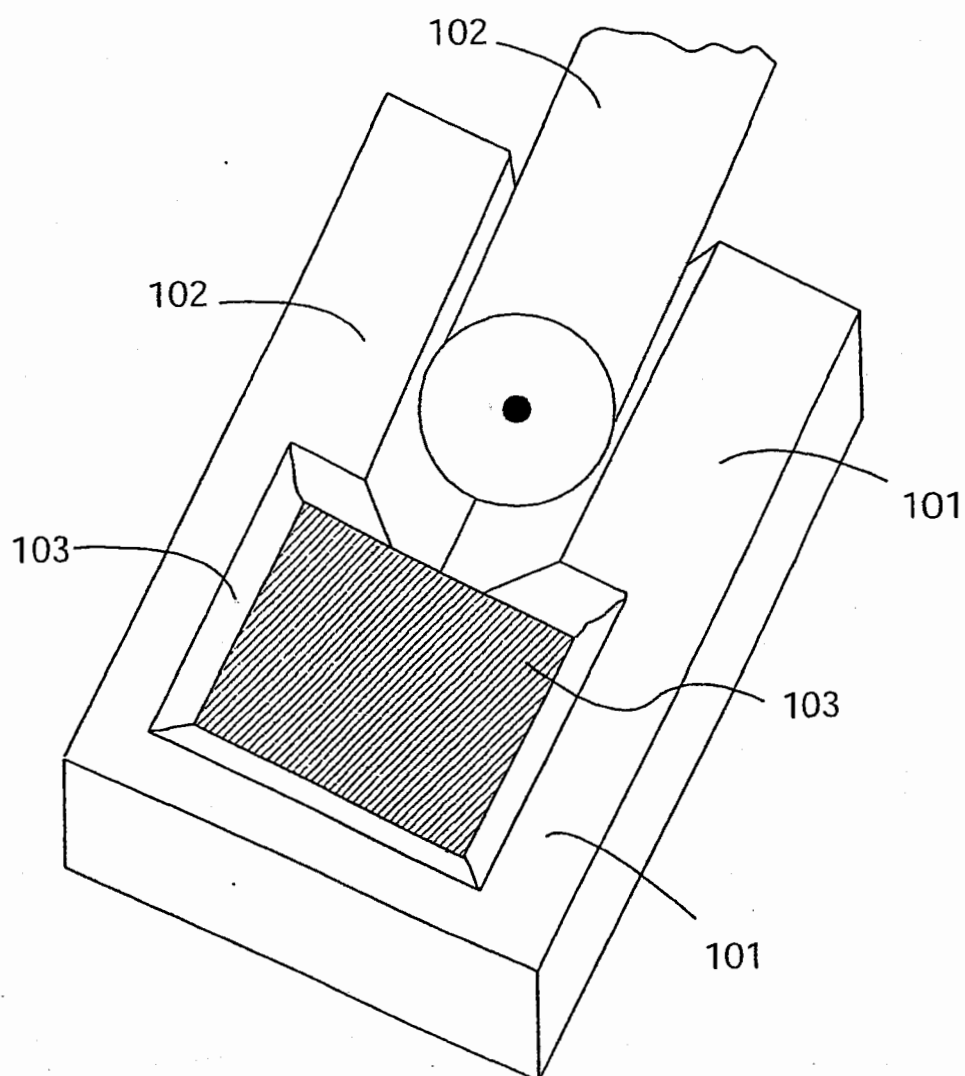


Fig. 15

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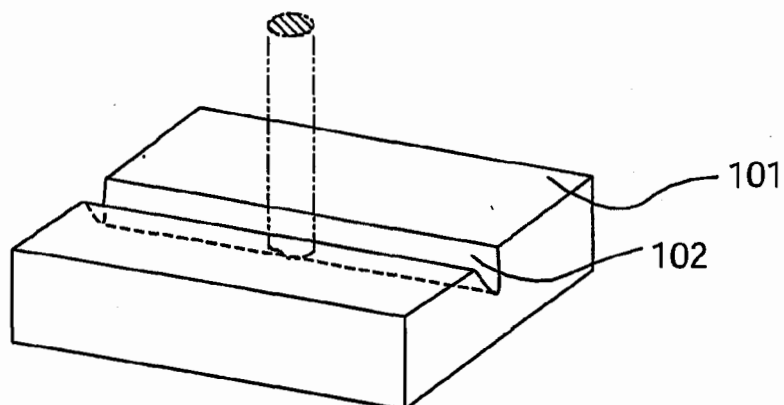


Fig. 16

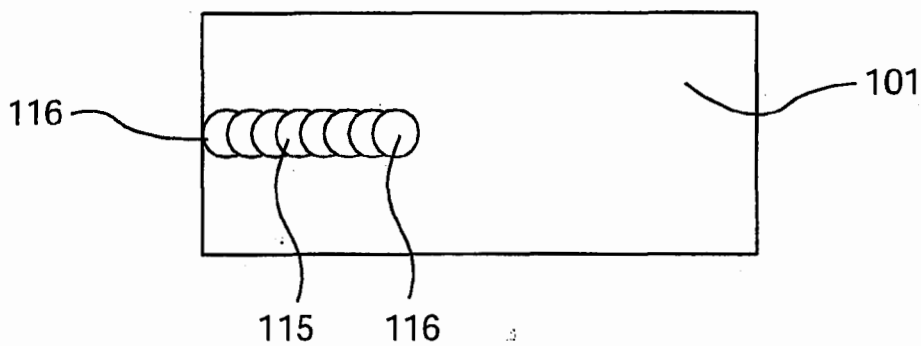


Fig. 17

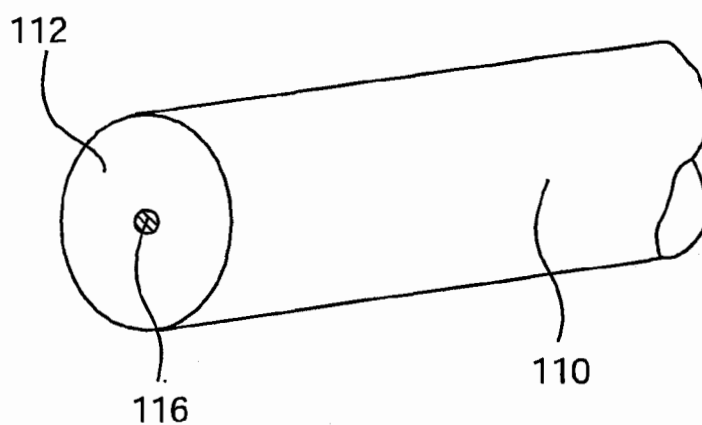


Fig. 18

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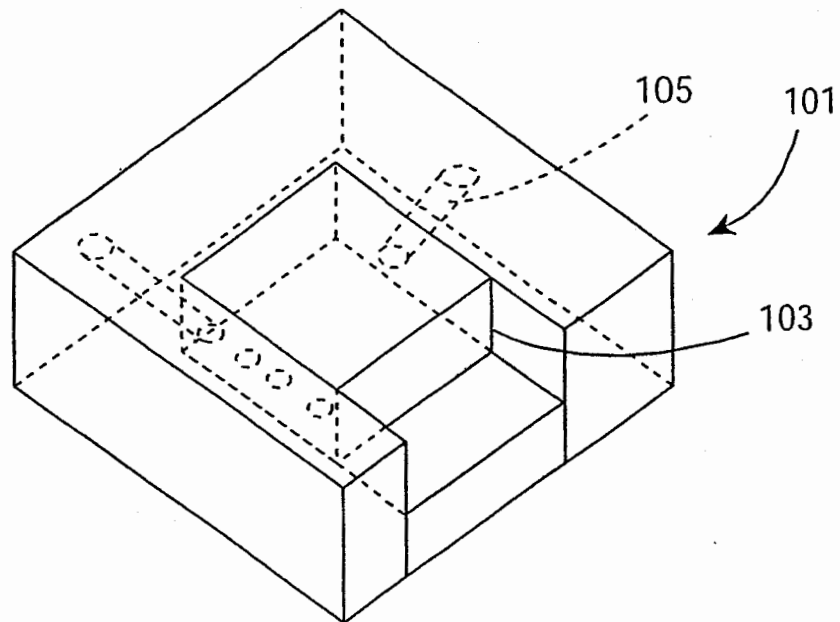


Fig. 19

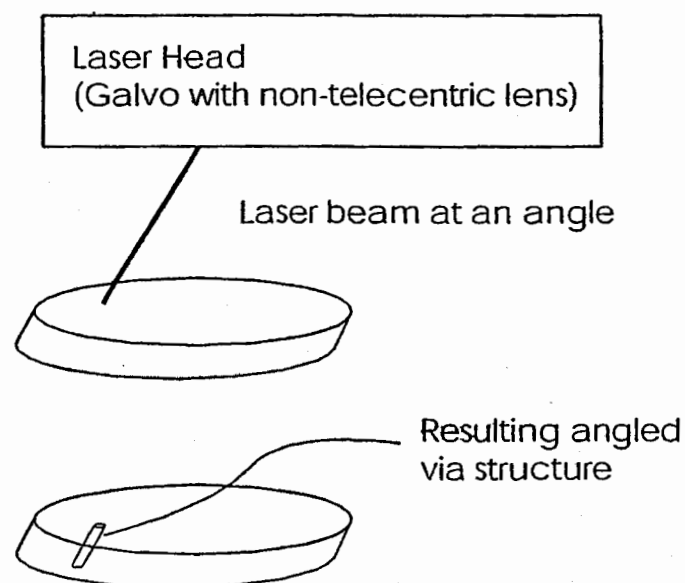
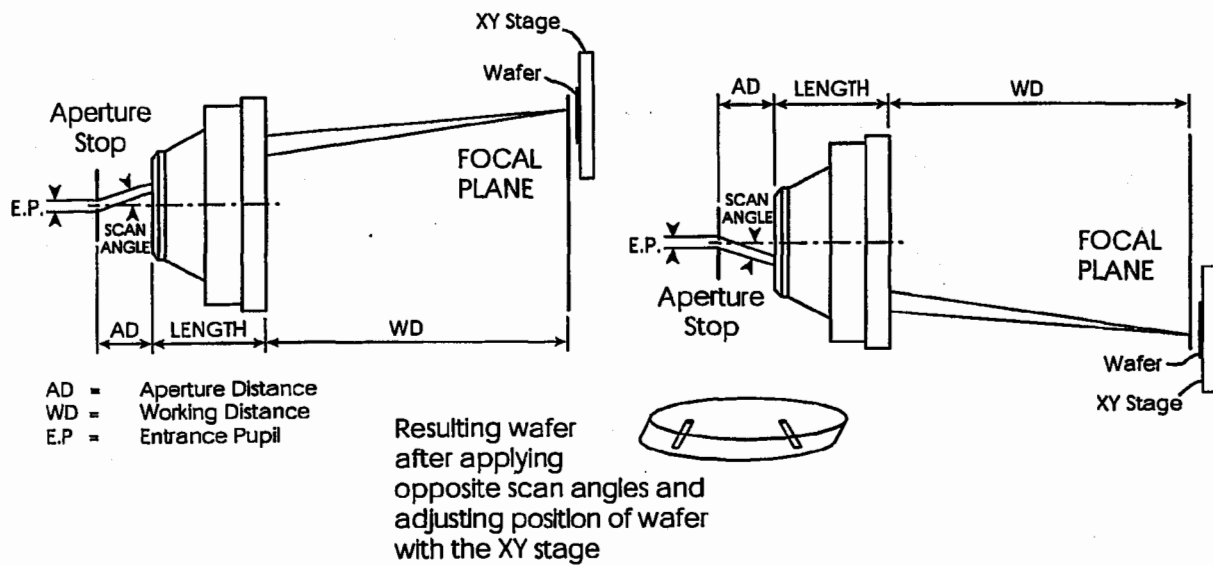


Fig. 20

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Standard Scan Lens and XY stage required for creation of angled vias

Fig. 21

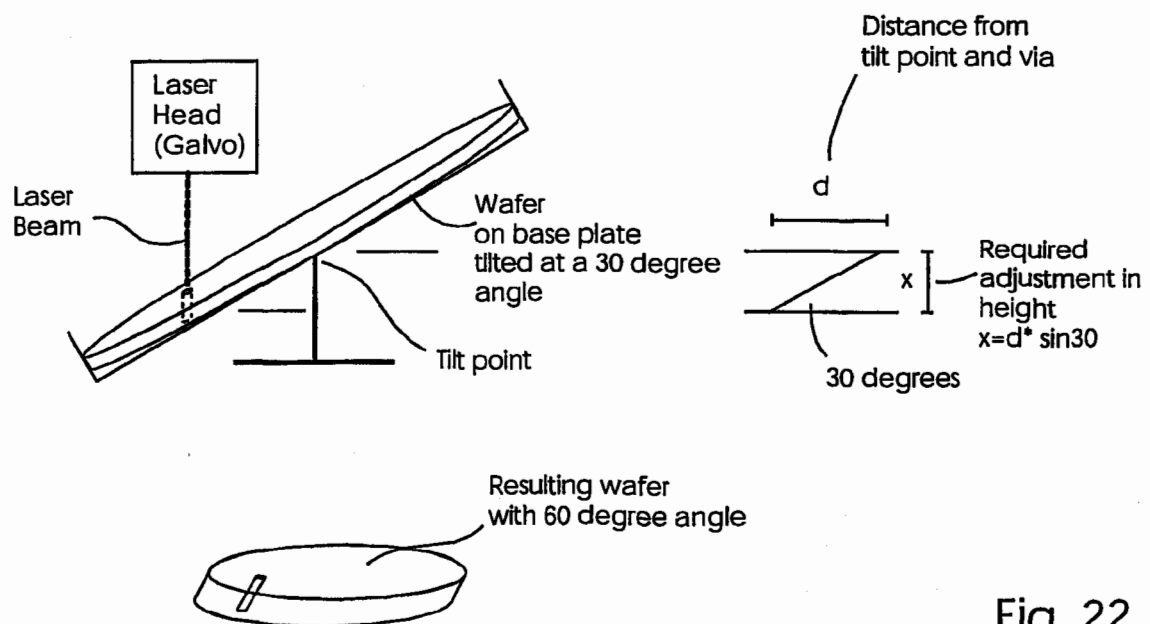


Fig. 22

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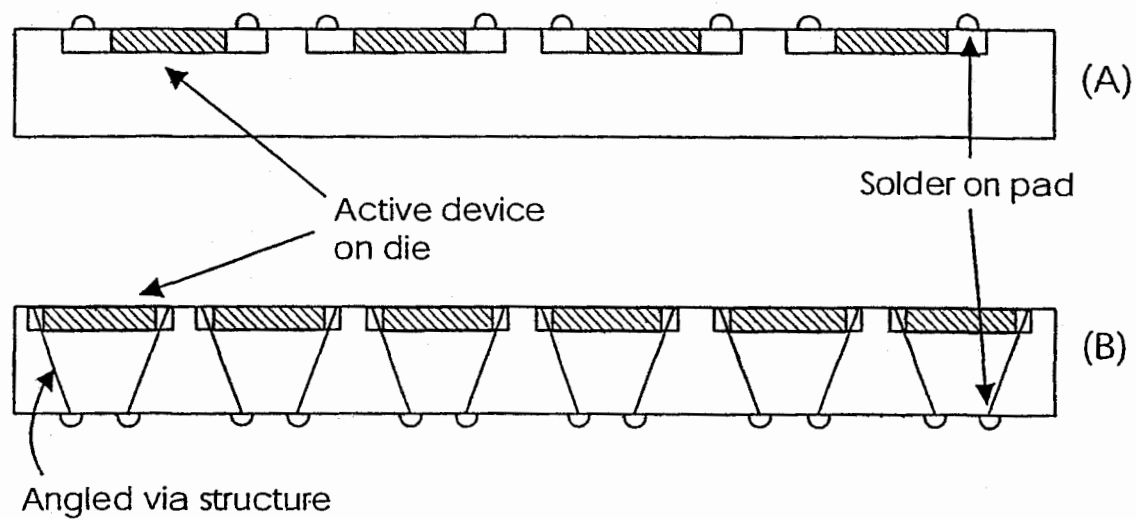


Fig. 23

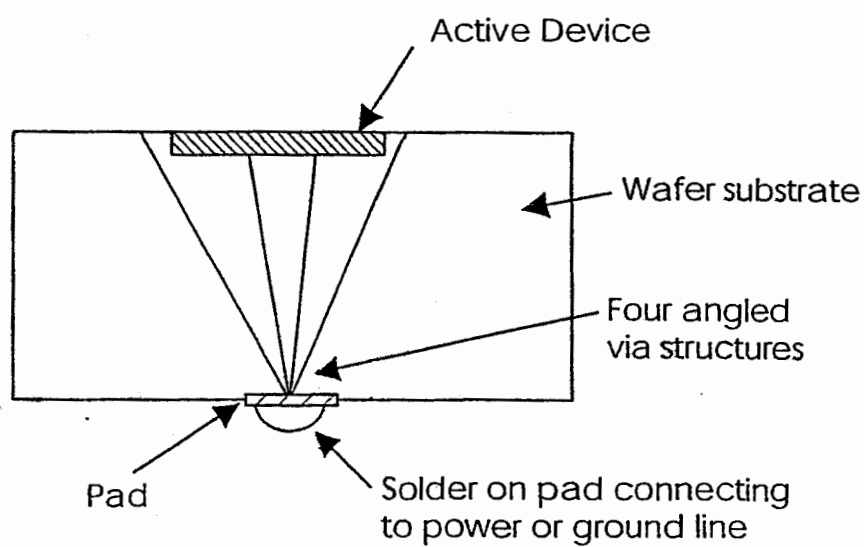


Fig. 24