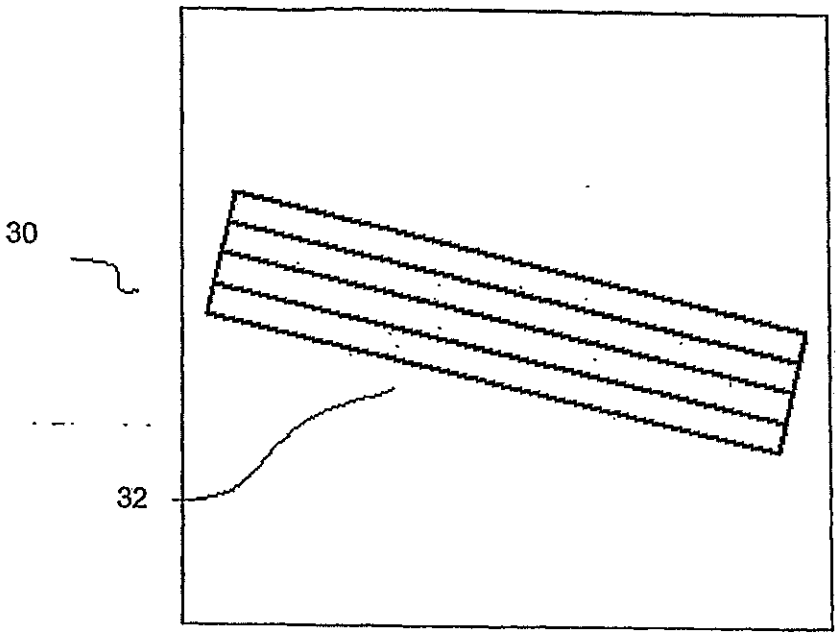


FIG. 1A

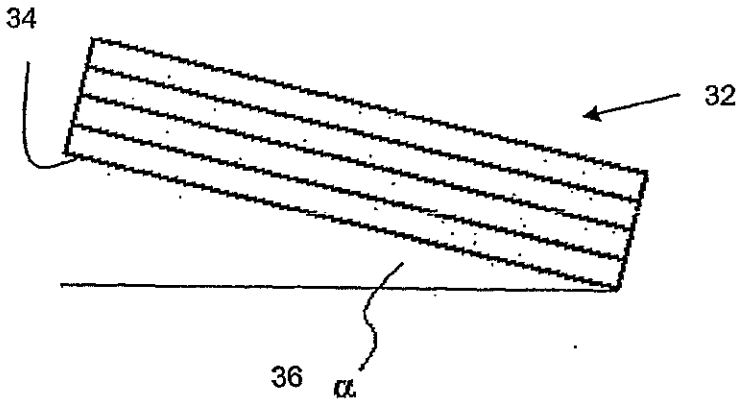


FIG. 1B

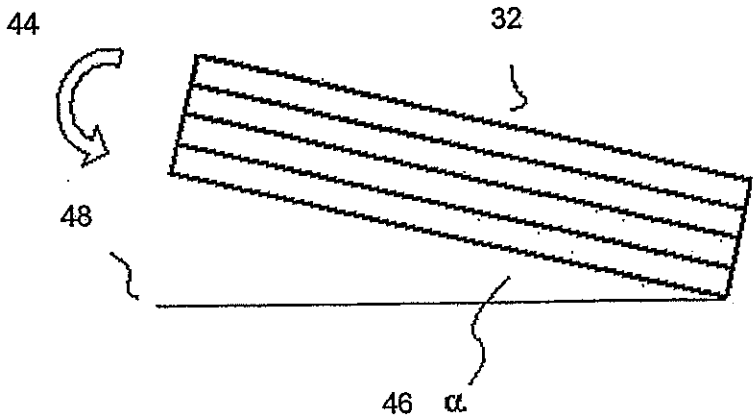


FIG. 1C

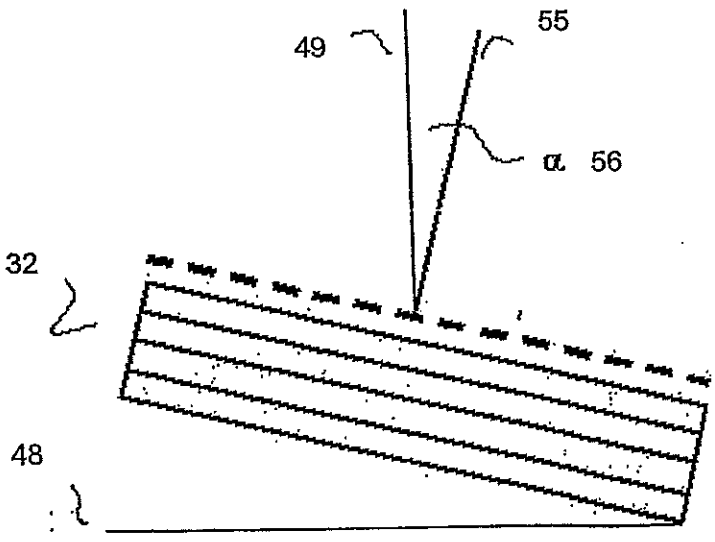


FIG. 1D

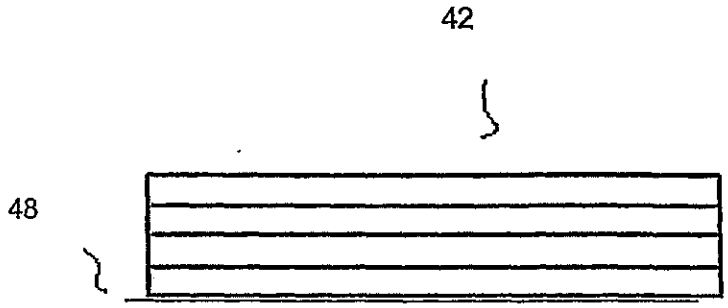


FIG. 1E

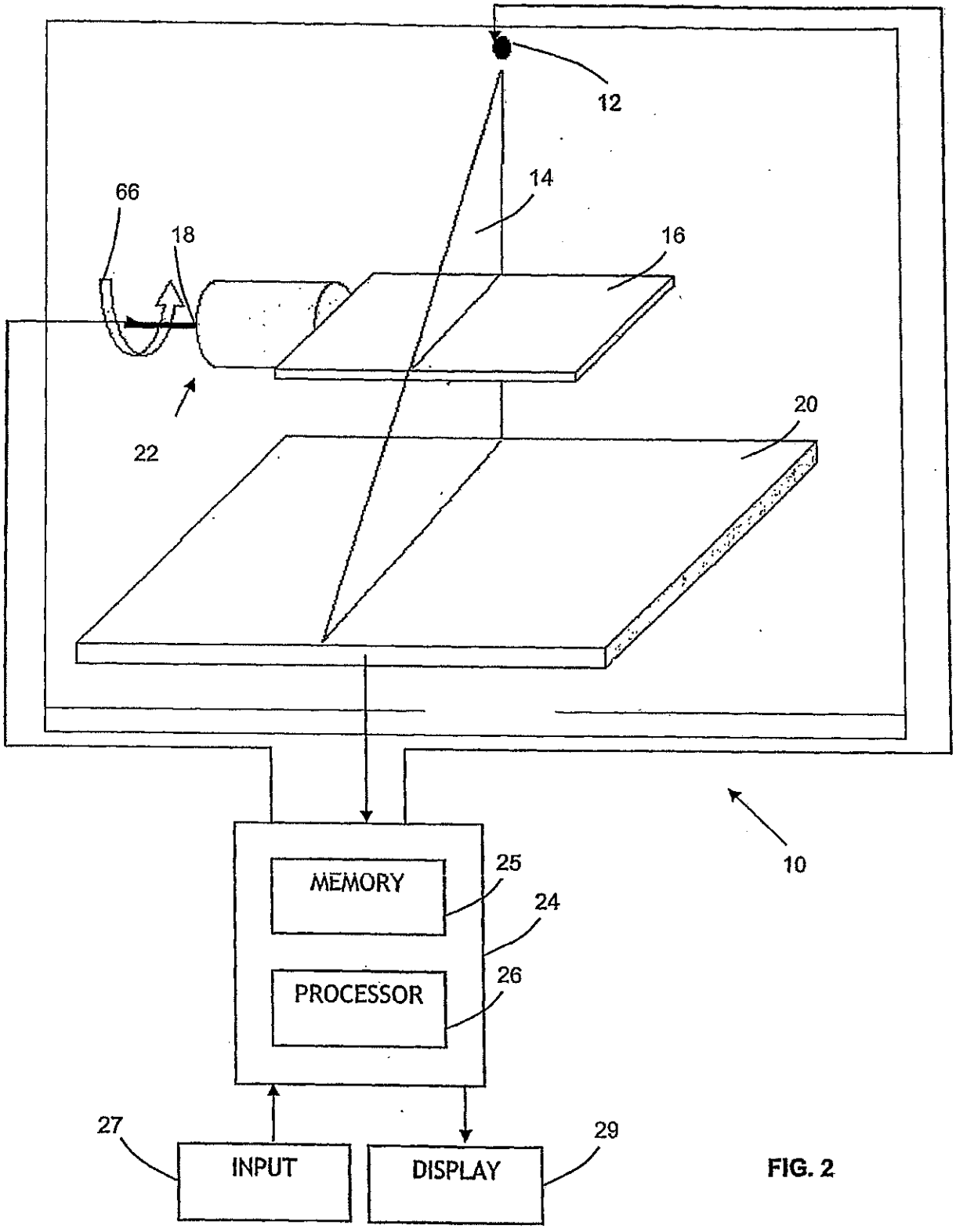

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MEMORY
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PROCESSOR
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27
INPUT
DISPLAY
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FIG. 2

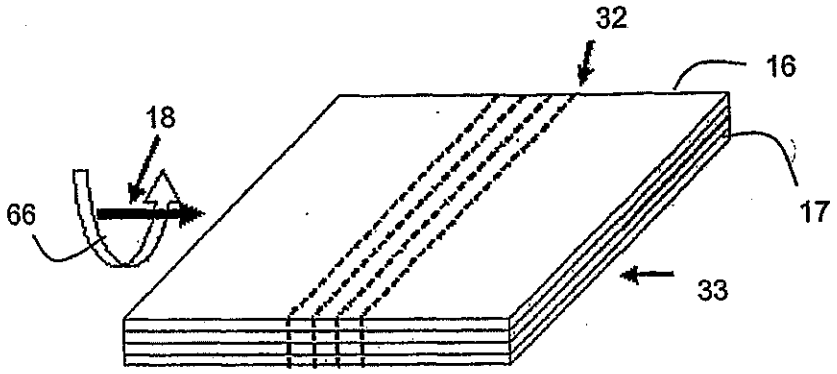


FIG. 3A

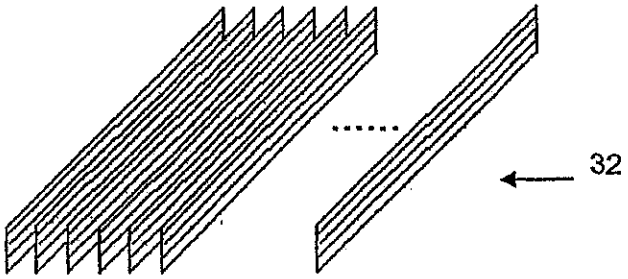


FIG. 3B

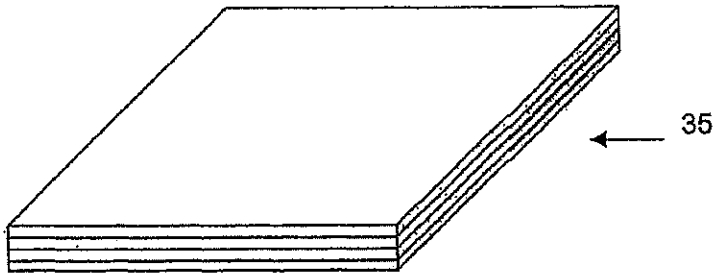


FIG. 3C

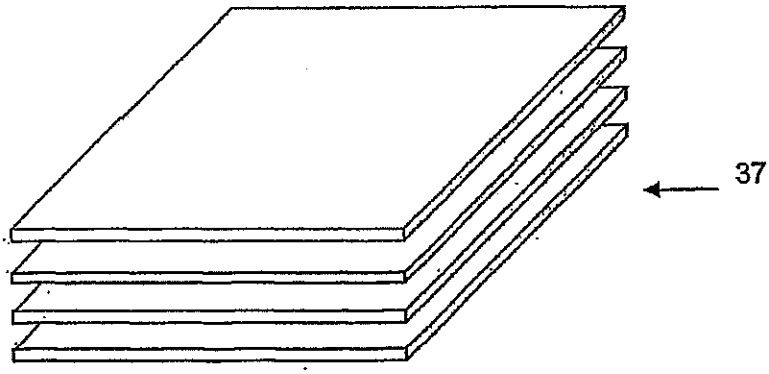


FIG 3D

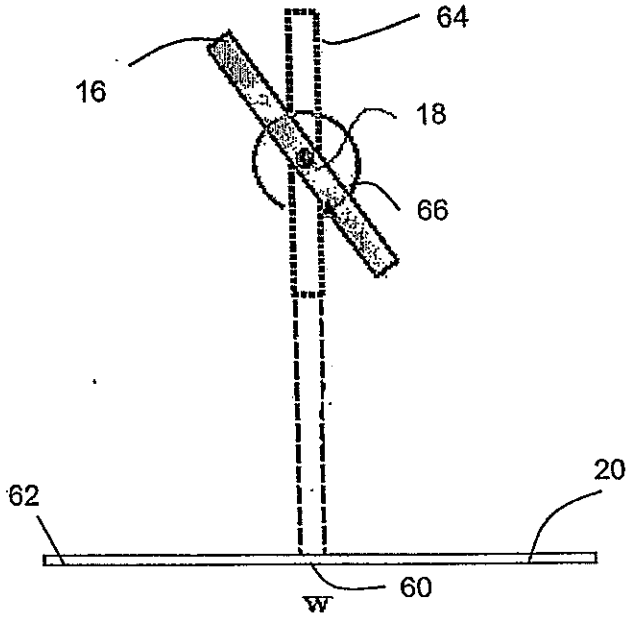


FIG. 4

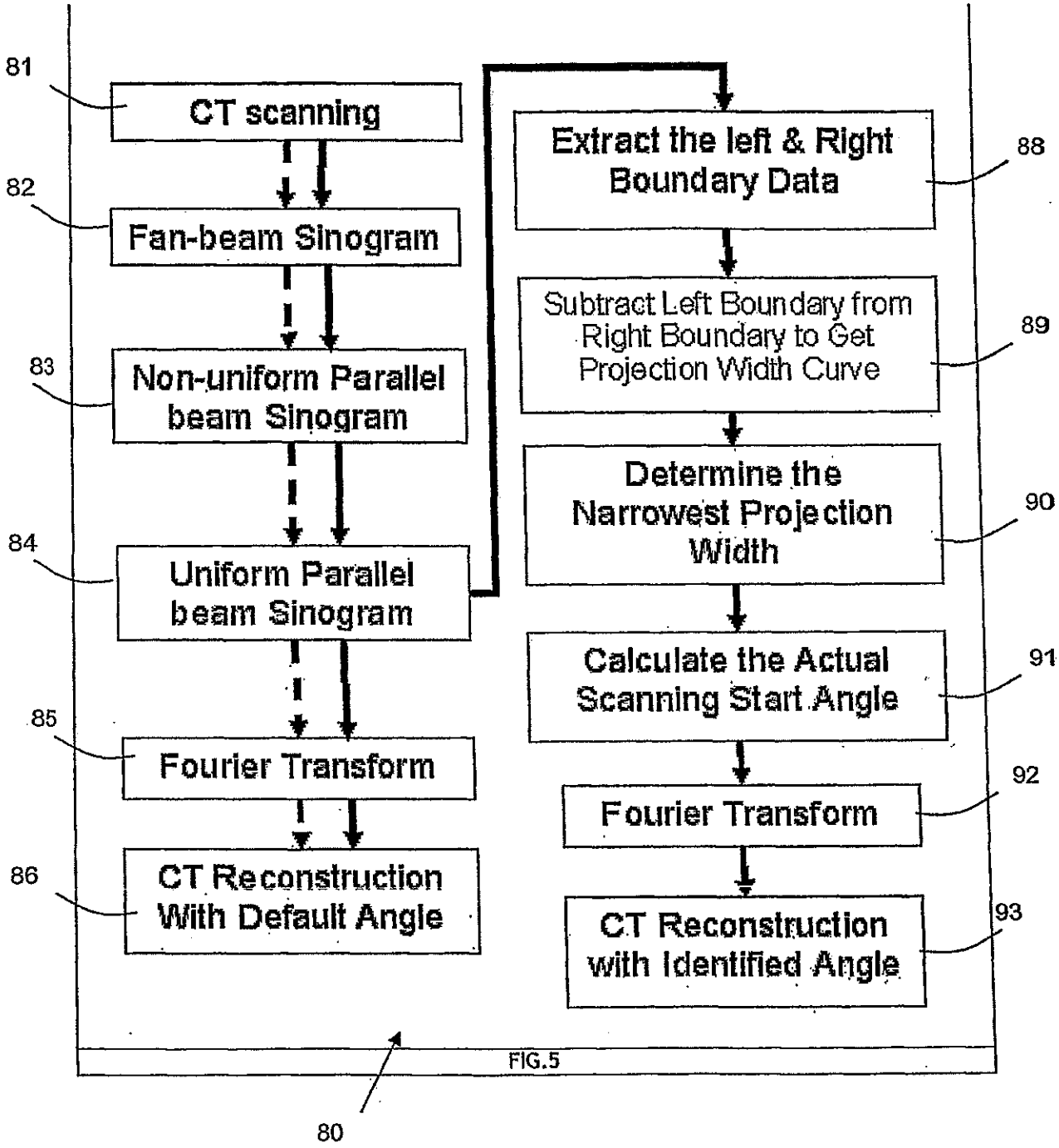
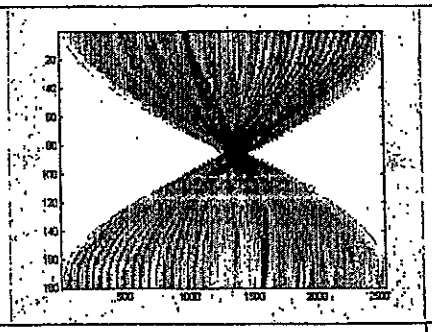

81
CT scanning
82
Fan-beam Sinogram
83
Non-uniform Parallel beam Sinogram
84
Uniform Parallel beam Sinogram
85
Fourier Transform
86
CT Reconstruction With Default Angle
88
Extract the left & Right Boundary Data
89
Subtract Left Boundary from Right Boundary to Get Projection Width Curve
90
Determine the Narrowest Projection Width
91
Calculate the Actual Scanning Start Angle
92
Fourier Transform
93
CT Reconstruction with Identified Angle
80

FIG.5

FIG. 6A



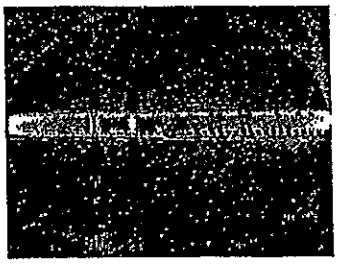
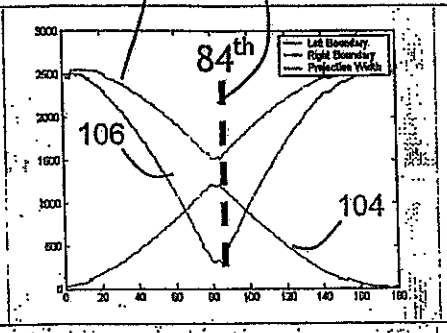


FIG. 6D

110 112 FIG. 6B



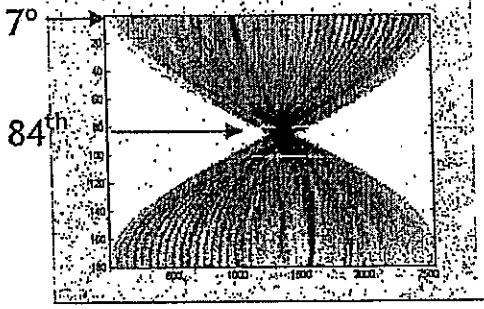


FIG. 6C

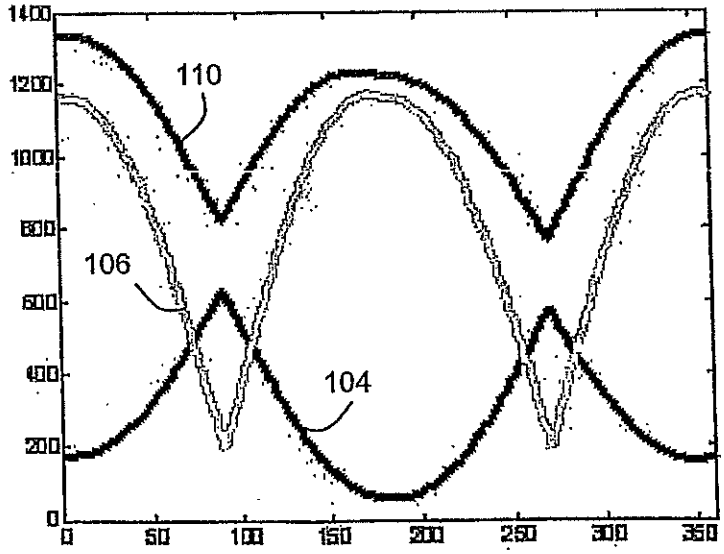


FIG.7A

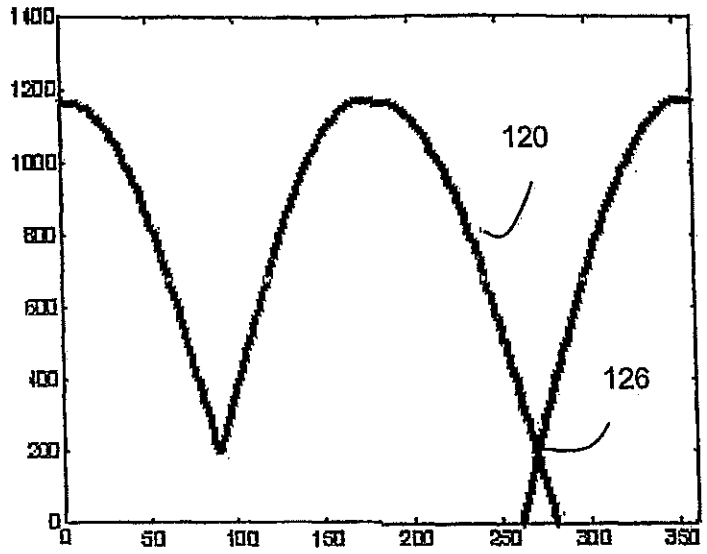

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FIG.7B

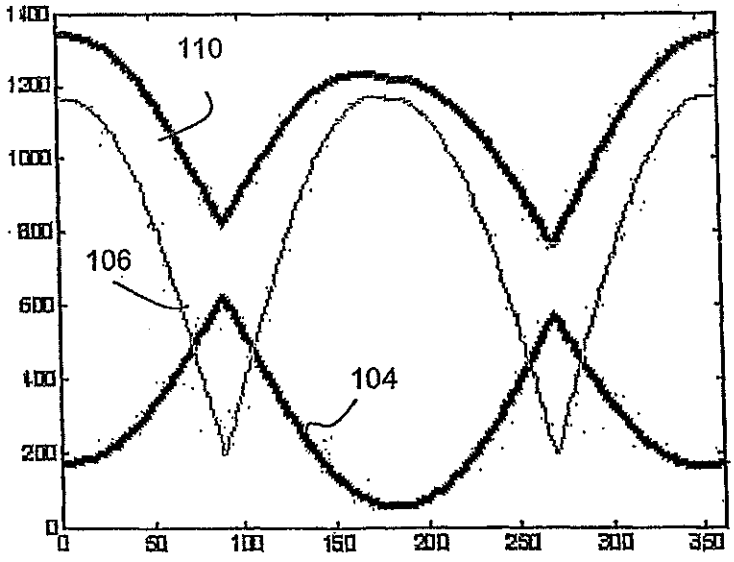

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FIG.8A

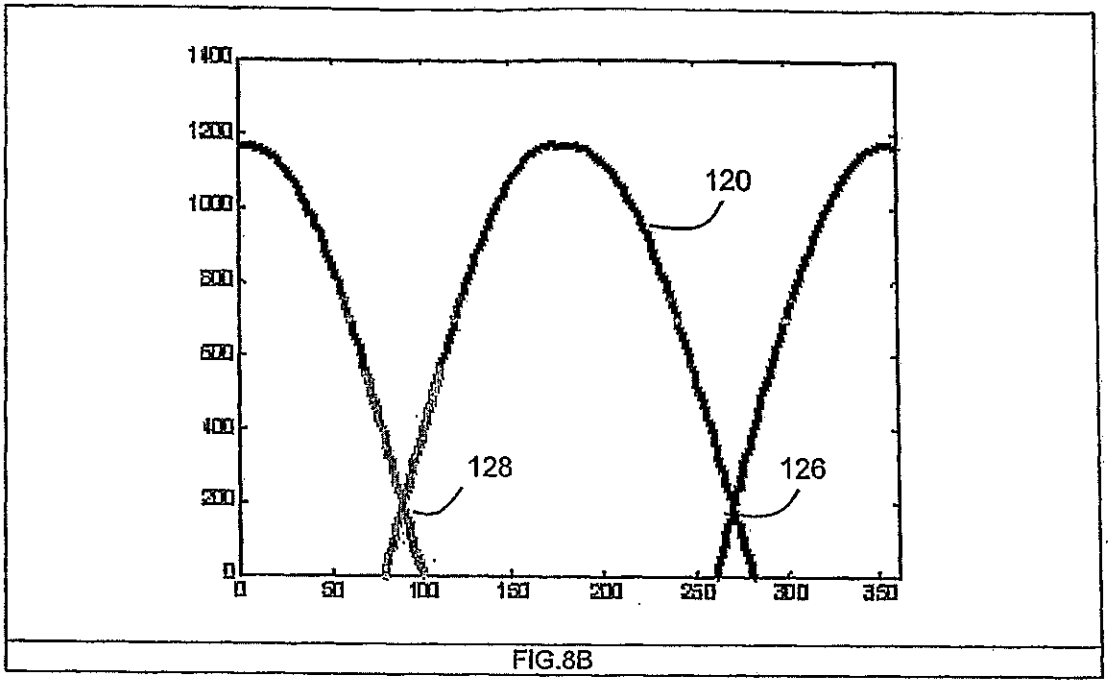


FIG.8B

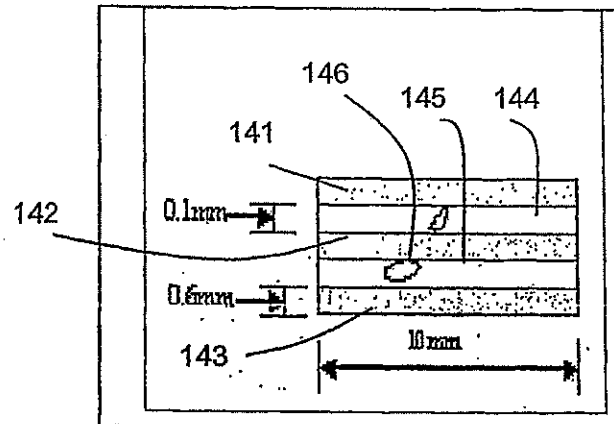


FIG.9A

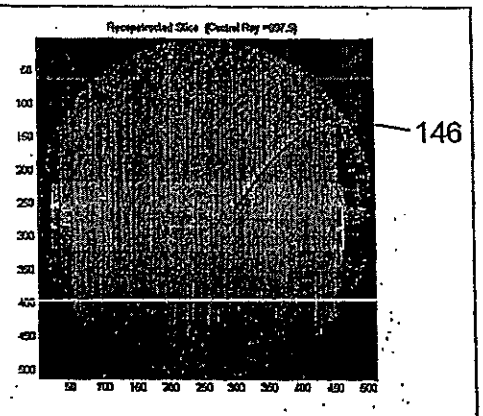


FIG.9B

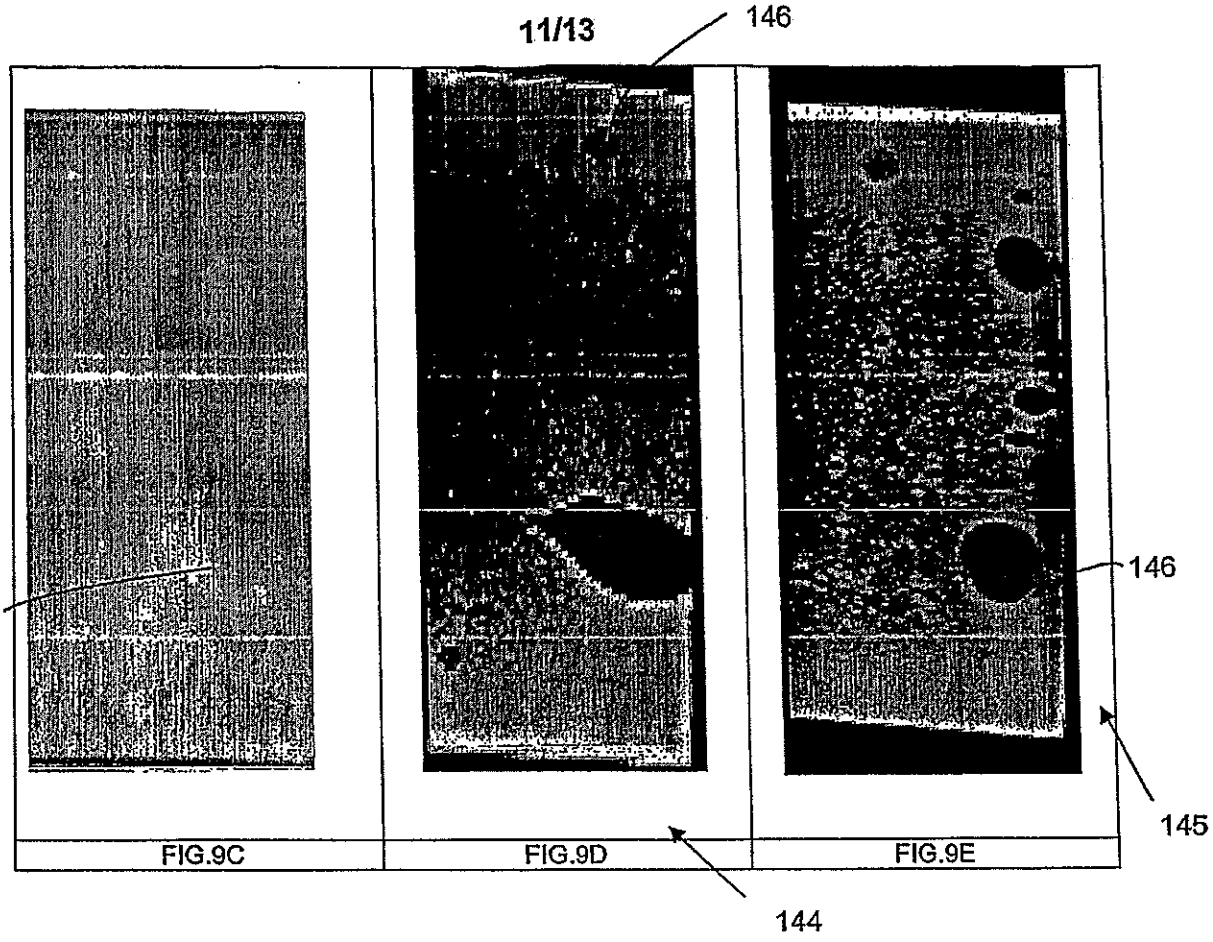


FIG.9C FIG.9D FIG.9E

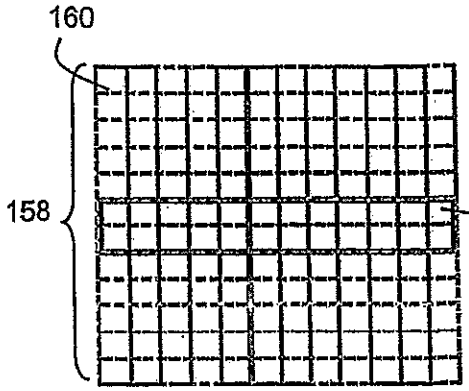


FIG.10A

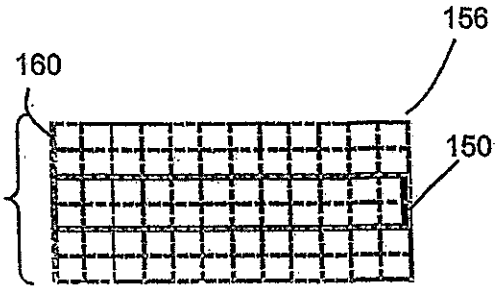


FIG.10B

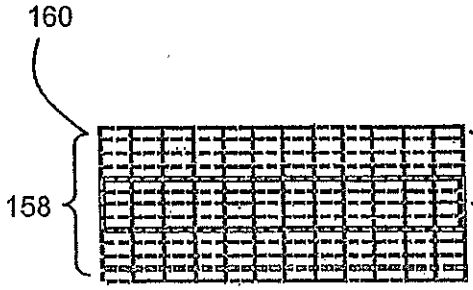


FIG.10C

FIG.10

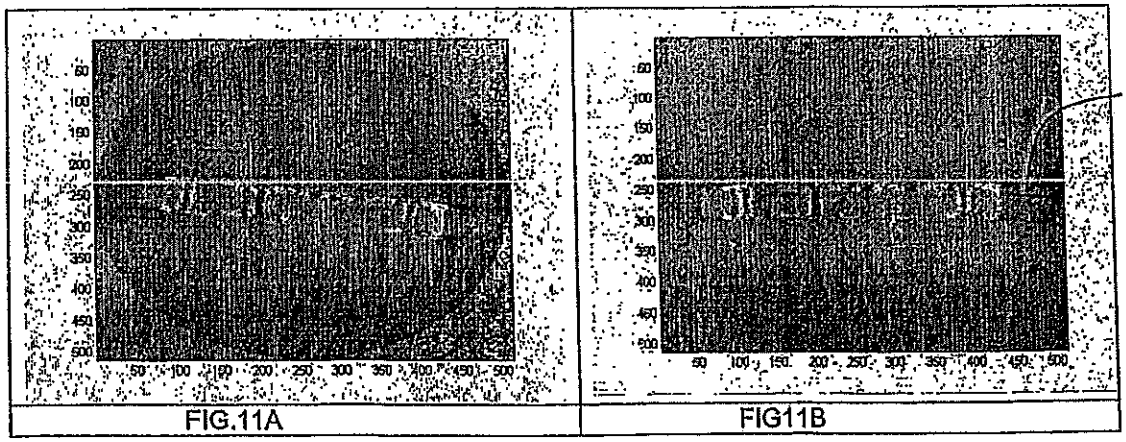


FIG.11A FIG11B

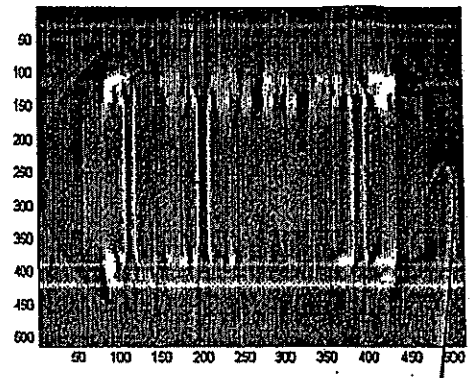


FIG.11C

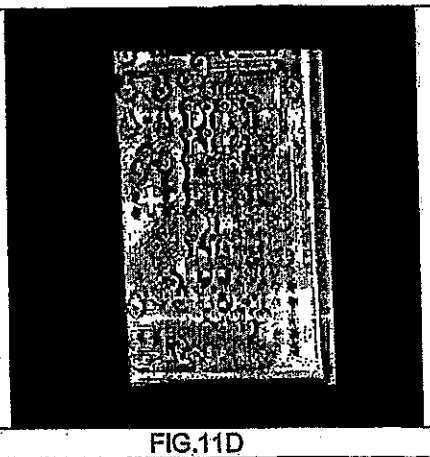


FIG.11D

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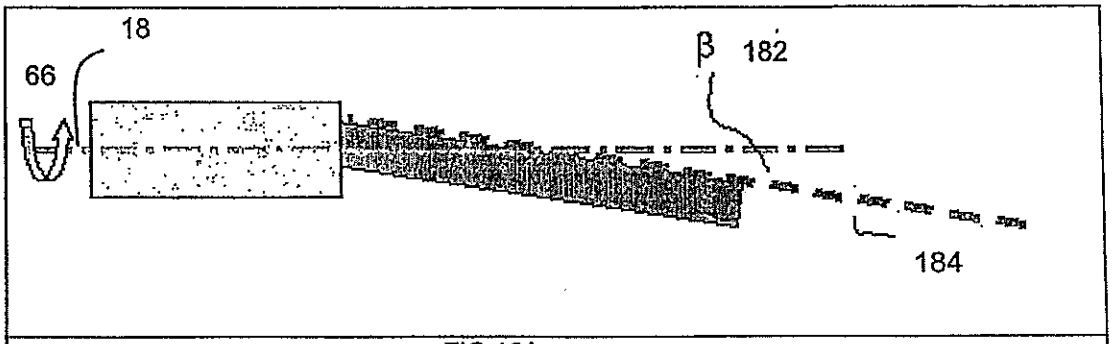


FIG.12A

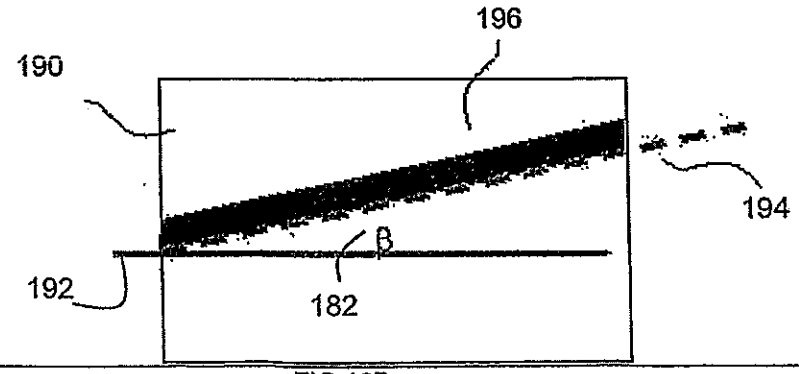


FIG.12B