

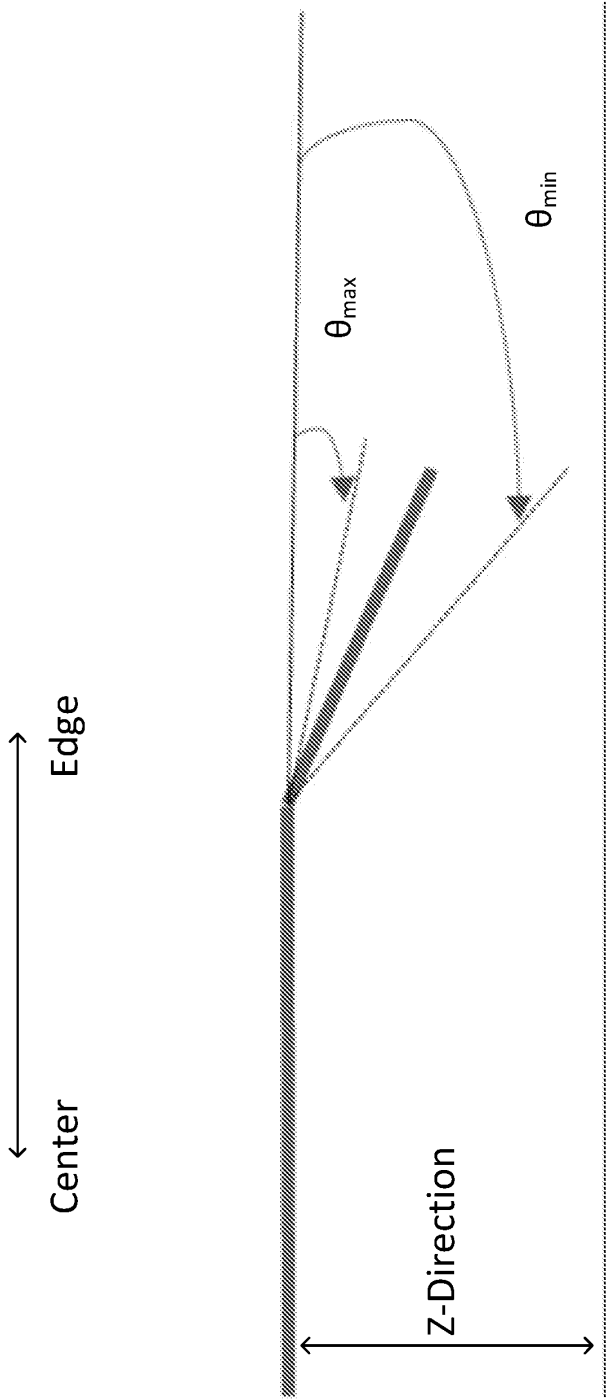


FIG. 1
(Prior Art)

Parameter	Sample Value	Remark
ThMin	-25.5	SEMI Standard
ThMax	-19.5	SEMI Standard
Zn	-500	Assumption, can be any number
Rd	149800	Considering any defect at this radial distance
Rb	149700	Assumption or can be calculated during alignment
Zs	-464.0941646	Z-height sweep low
Ze	-439.446013	Z-height sweep high
$Zd = \text{ABS}(Zs - Ze)$	24.64815157	Z-height Sweep Range; Larger radial value Rb would make Zd higher, requiring larger range
Zsweep min range	20	Configuration setting, can be altered
Zsweep-range	30	Can be any value above Zd (24.6), but may provide space for stability
Final Zsweep range	30	After providing the room as pointed above

FIG. 2
(Prior Art)

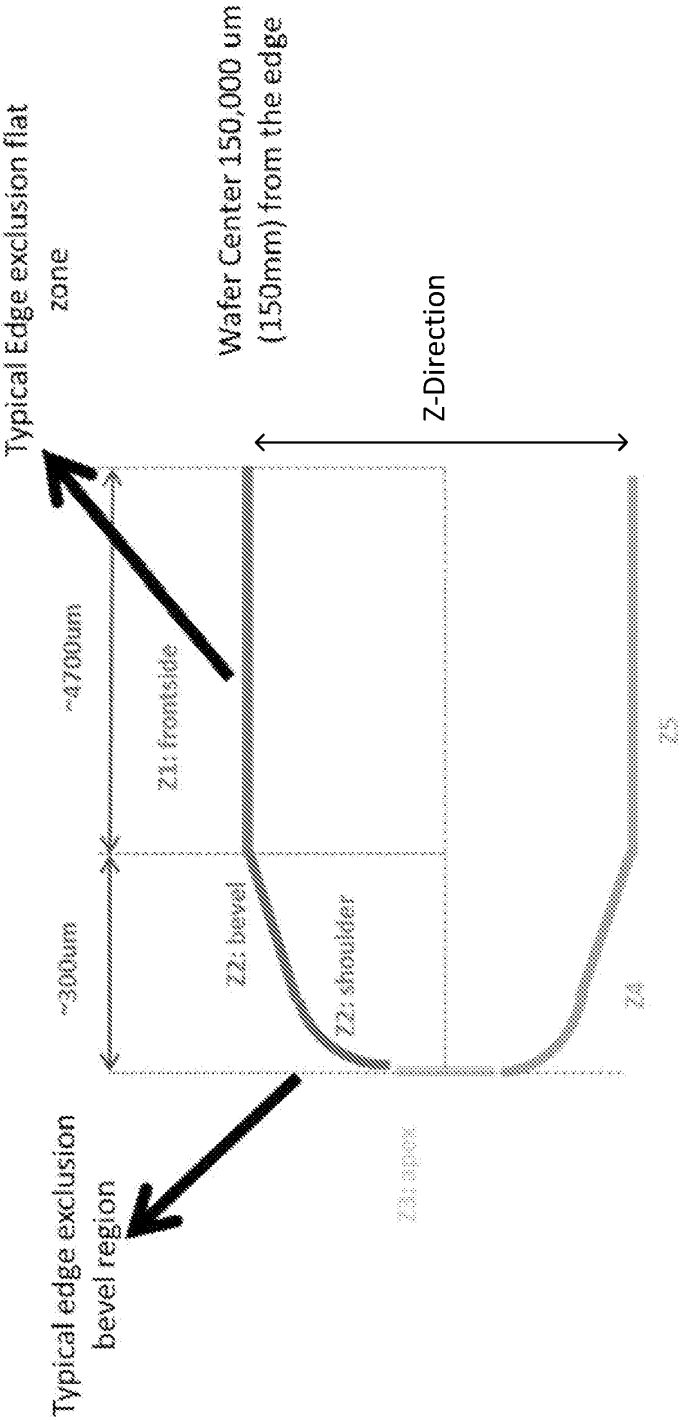


FIG. 3
(Prior Art)

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Columns 35 { int32 DEFECTID,  int32 X,  int32 Y,  int32 XREL,  int32 YREL,

                                                                    int32 ZABS,

/
Data 18825
/
1 7880218 144834191 187330216 234894191 0 0 78886 87608 2348978823.7
78840 0 1 0 0 0 0 0 0 0 7881 0.0000 0 0 N 0 270.0 -776983 0.000000
0 0 0 0 ;
2 7489400 144918857 187489400 234912887 0 0 91176 16106 1363366737.8
96035 0 1 0 0 0 0 0 0 0 2363 0.0000 0 0 N 0 270.0 -776954 0.000000
0 0 0 0 ;
3 7601208 144976811 187601203 234975811 0 0 46608 7559 346636166.6
47130 0 1 0 0 0 0 0 0 0 961 0.0000 0 0 N 0 270.0 -776946 0.000000
0 0 0 0 ;

```

FIG. 4

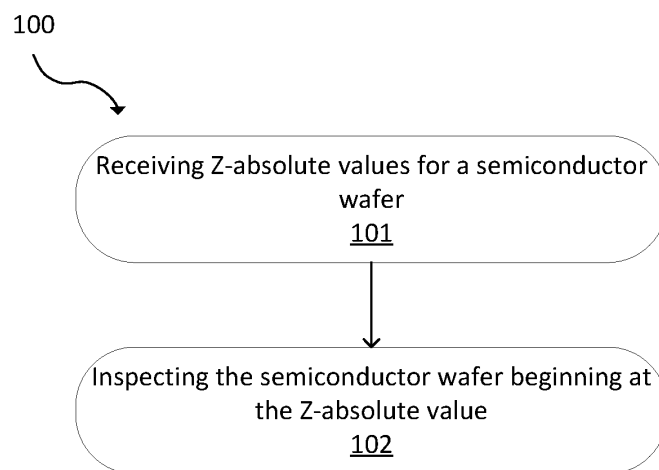


FIG. 5

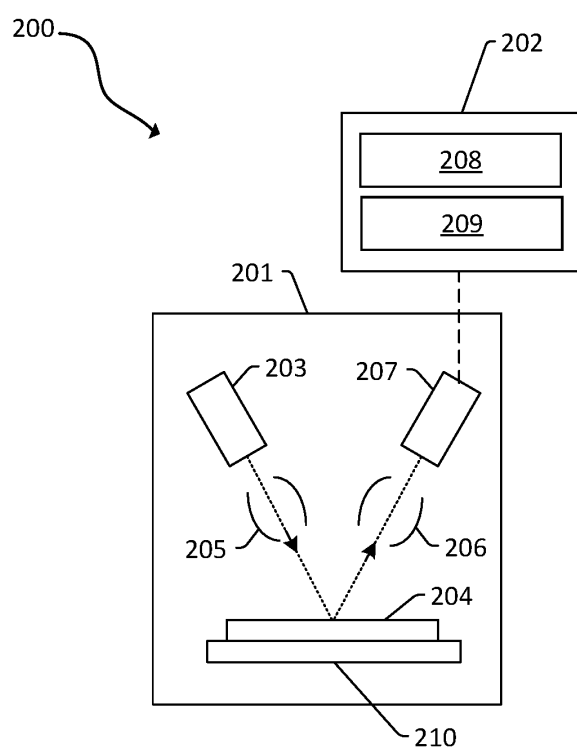


FIG. 6