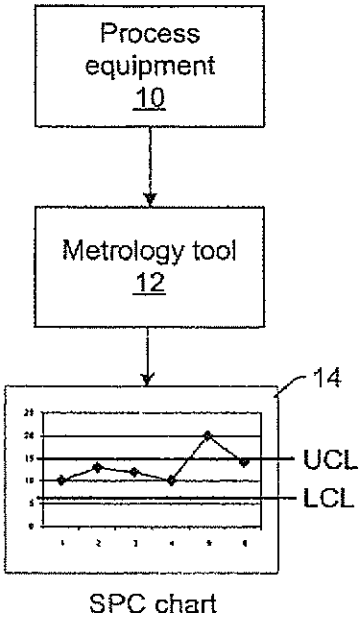

Process equipment 10
Metrology tool 12
14
UCL
LCL
SPC chart

Fig. 1

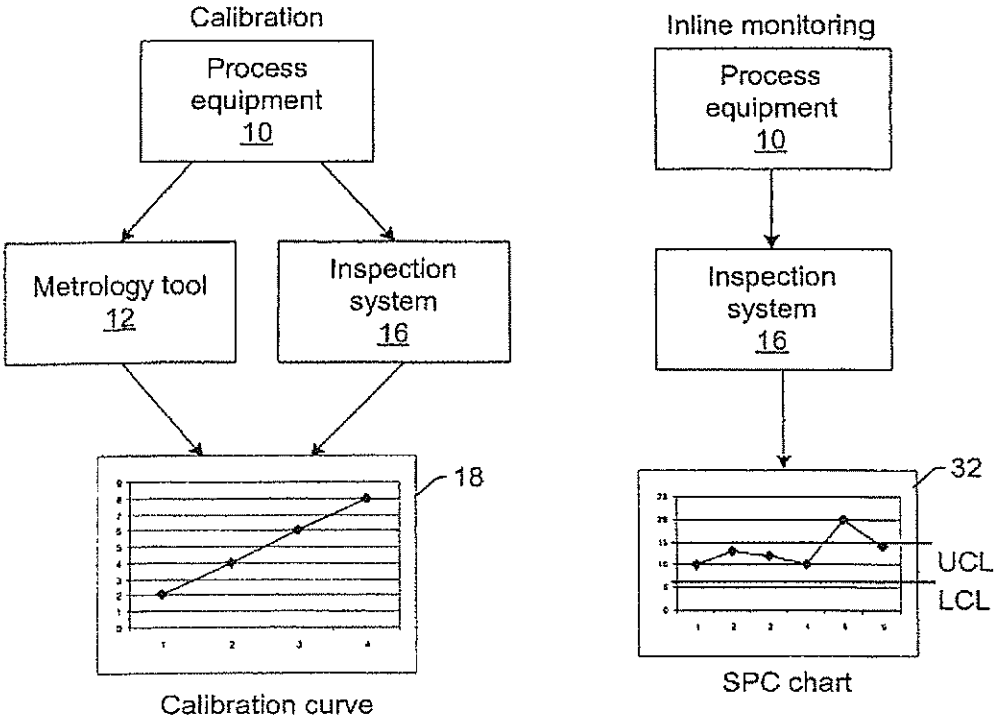

Calibration
Process equipment 10
Metrology tool 12
Inspection system 16
18
Calibration curve
Inline monitoring
Process equipment 10
Inspection system 16
32
UCL
LCL
SPC chart

Fig. 2

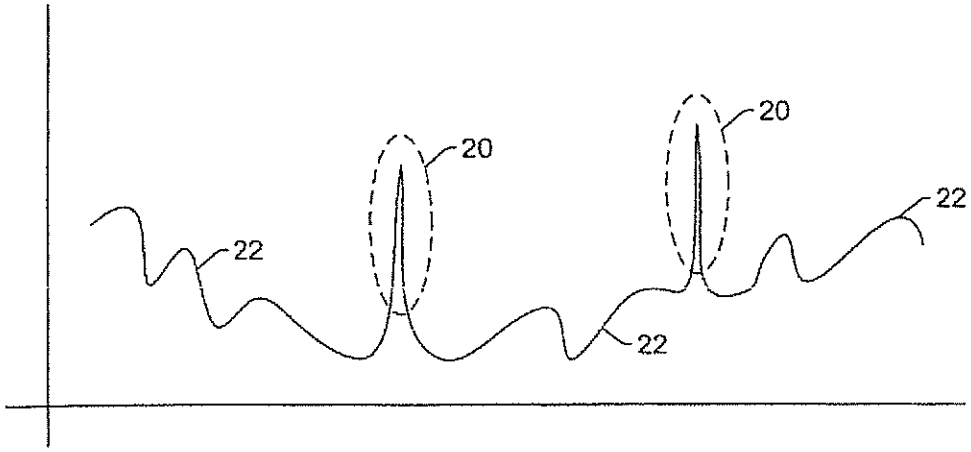


Fig. 3

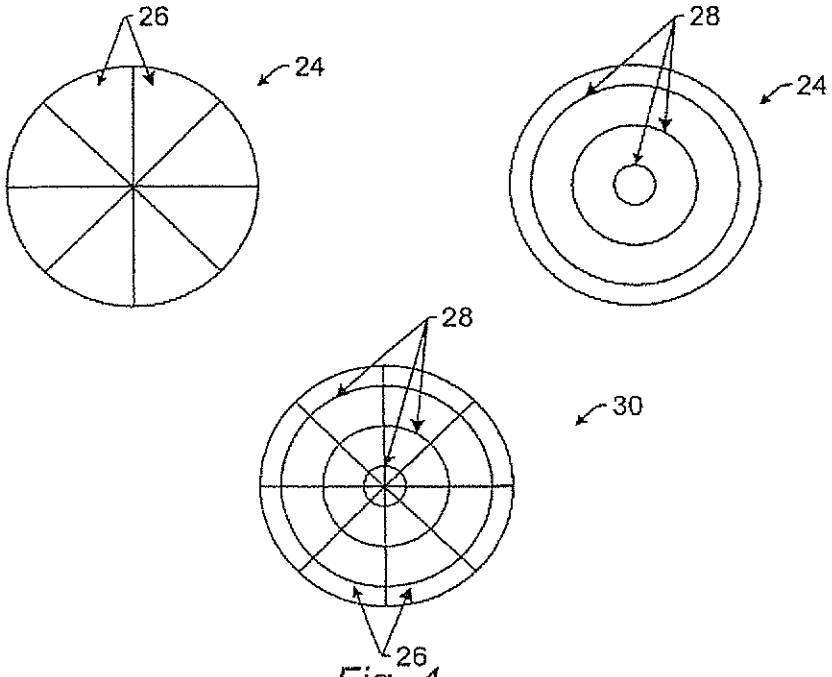


Fig. 4

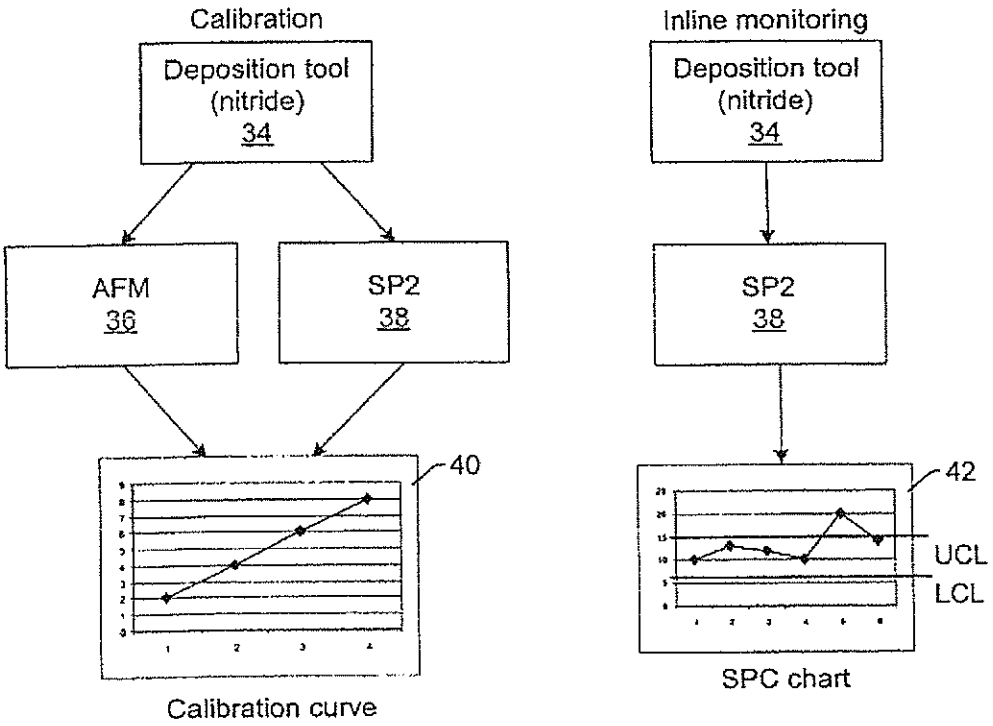

Calibration
Deposition tool
(nitride)
34
AFM
36
SP2
38
40
Calibration curve
Inline monitoring
Deposition tool
(nitride)
34
SP2
38
42
UCL
LCL
SPC chart

Fig. 5

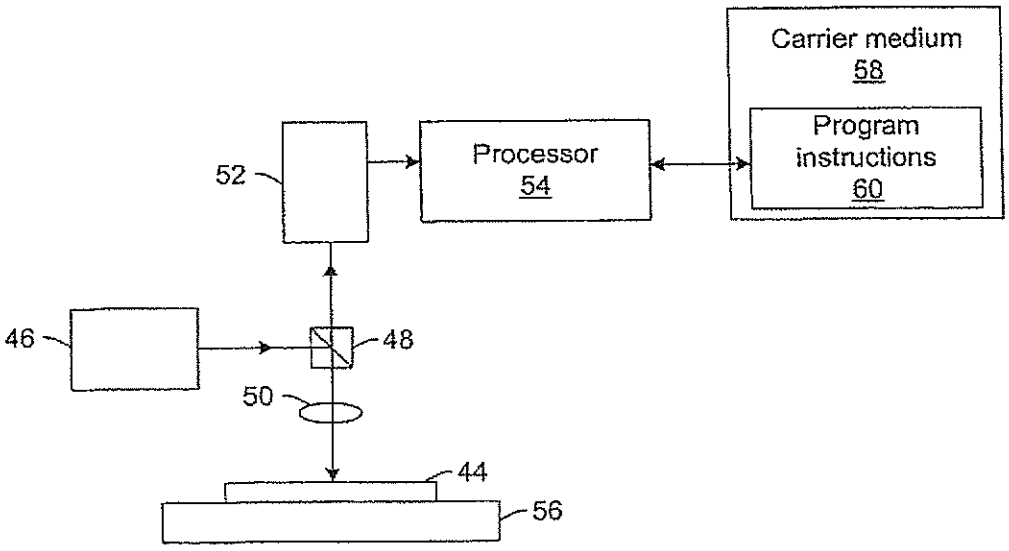

Carrier medium
58
Program
instructions
60
Processor
54
52
46
48
50
44
56

Fig. 6

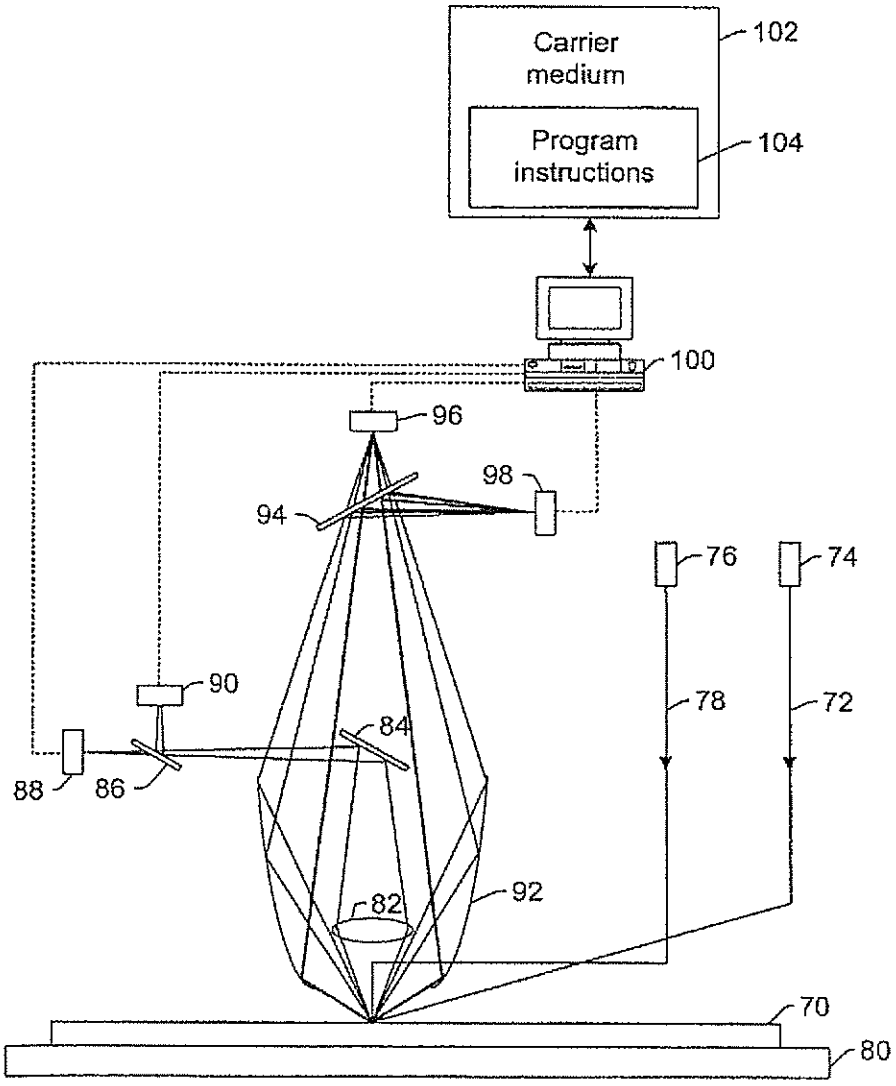

Carrier medium
102
Program instructions
104
100
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98
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86
92
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70
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Fig. 7