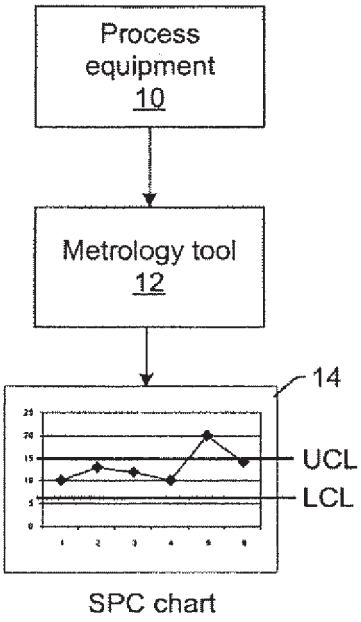

Process equipment 10
Metrology tool 12
14
UCL
LCL
SPC chart

Fig. 1

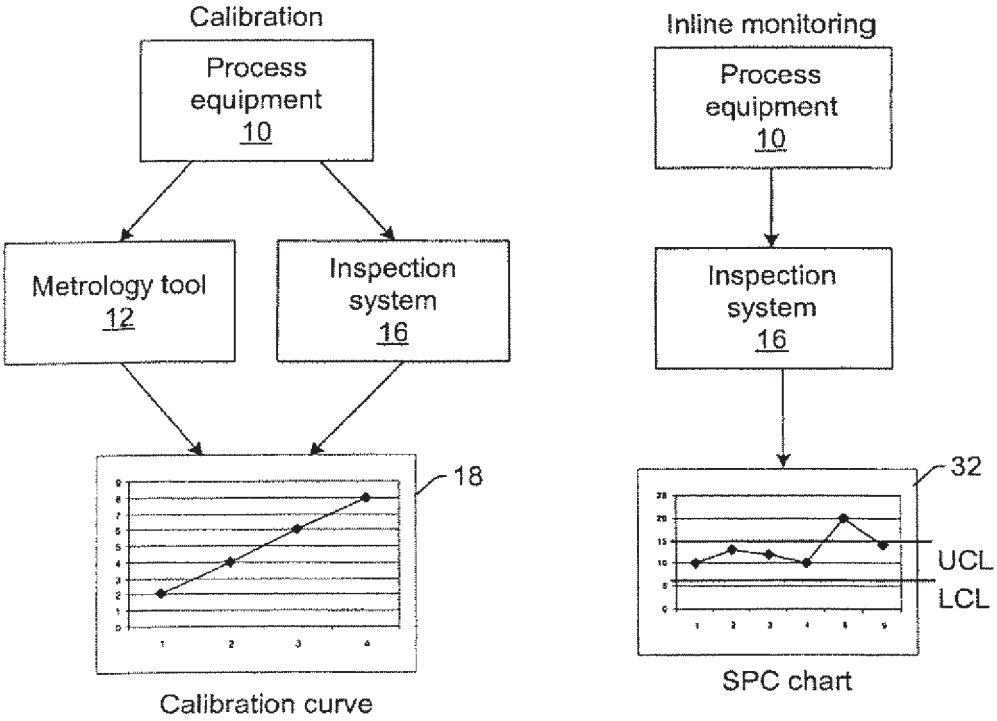

Calibration
Process equipment 10
Metrology tool 12
Inspection system 16
18
Calibration curve
Inline monitoring
Process equipment 10
Inspection system 16
32
UCL
LCL
SPC chart

Fig. 2

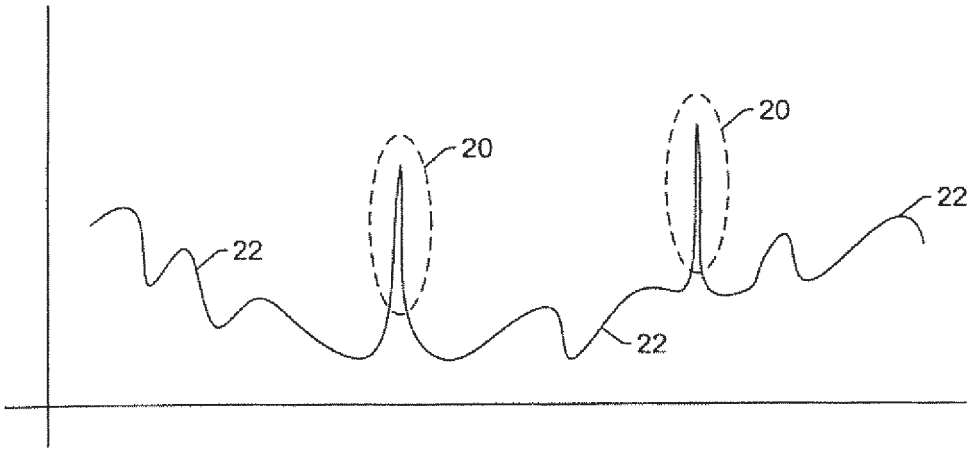



Fig. 3

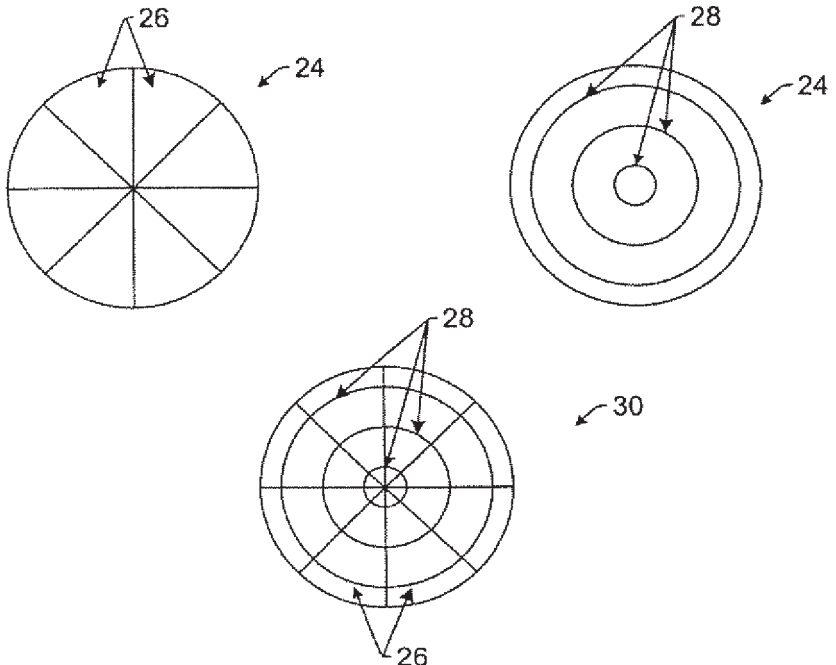



Fig. 4

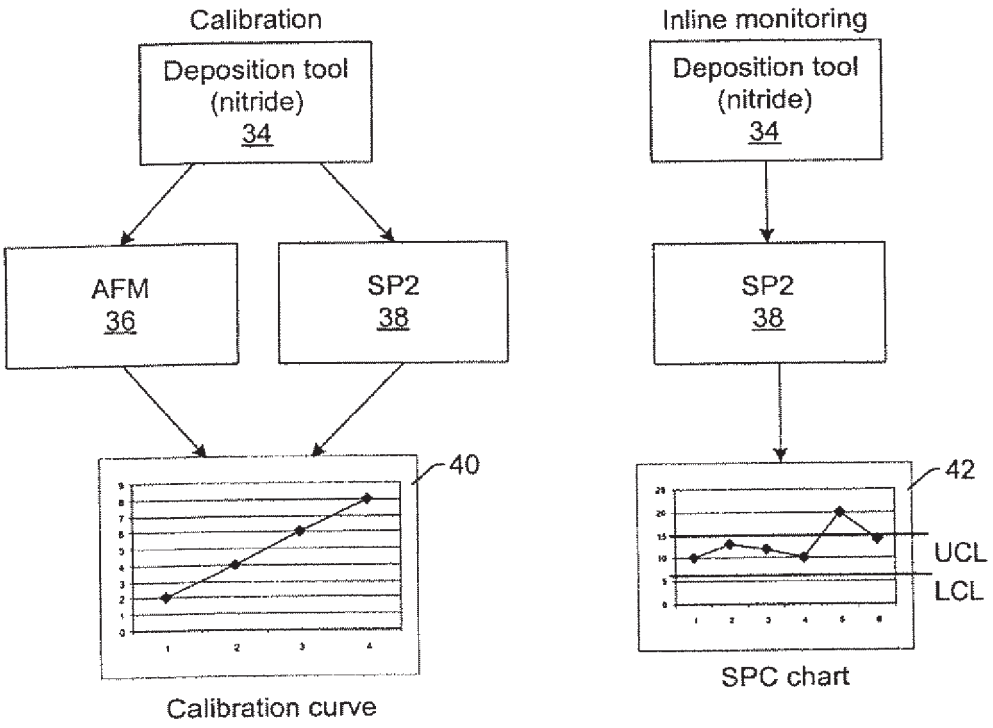

Calibration
Deposition tool
(nitride)
34
AFM
36
SP2
38
40
Calibration curve
Inline monitoring
Deposition tool
(nitride)
34
SP2
38
42
UCL
LCL
SPC chart

Fig. 5

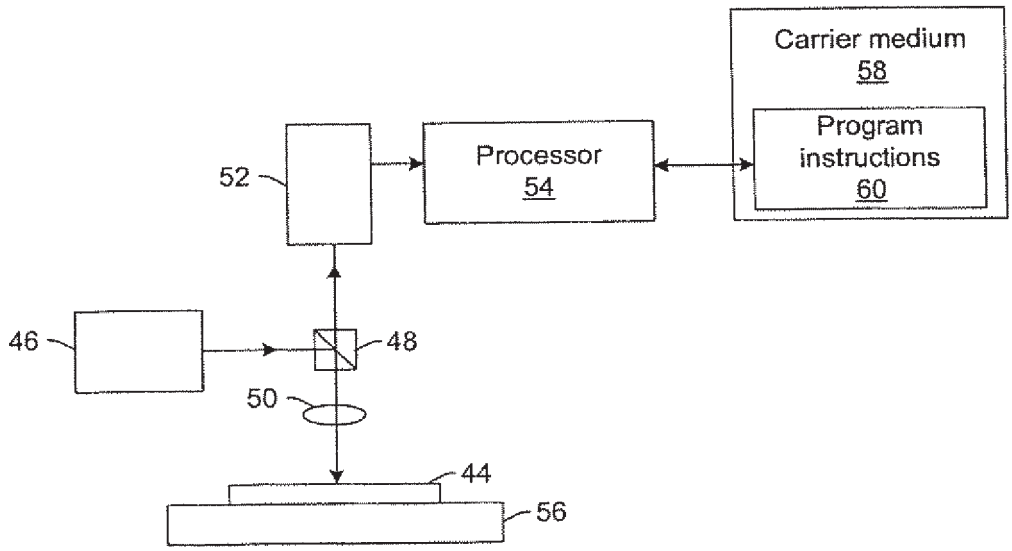

Carrier medium
58
Program
instructions
60
Processor
54
52
46
48
50
44
56

Fig. 6

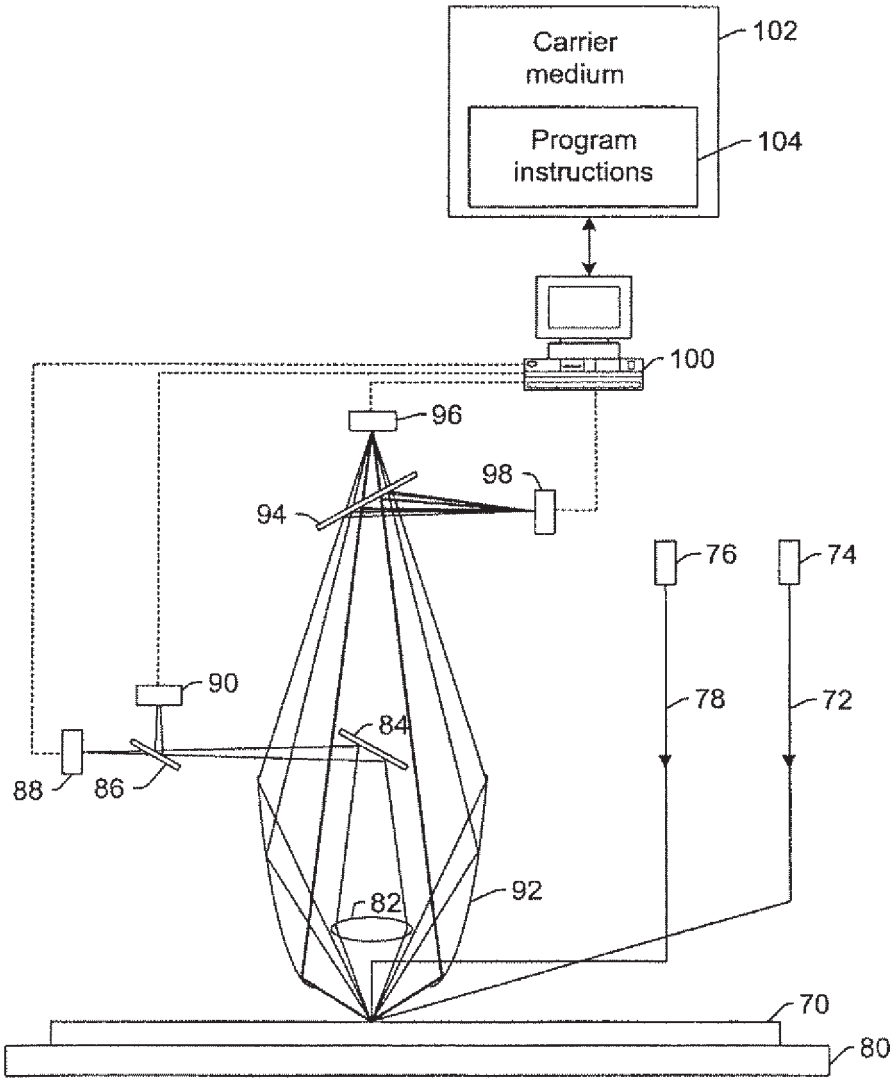

Carrier medium
102
Program instructions
104
100
96
98
94
76
74
90
78
72
84
88
86
82
92
70
80

Fig. 7