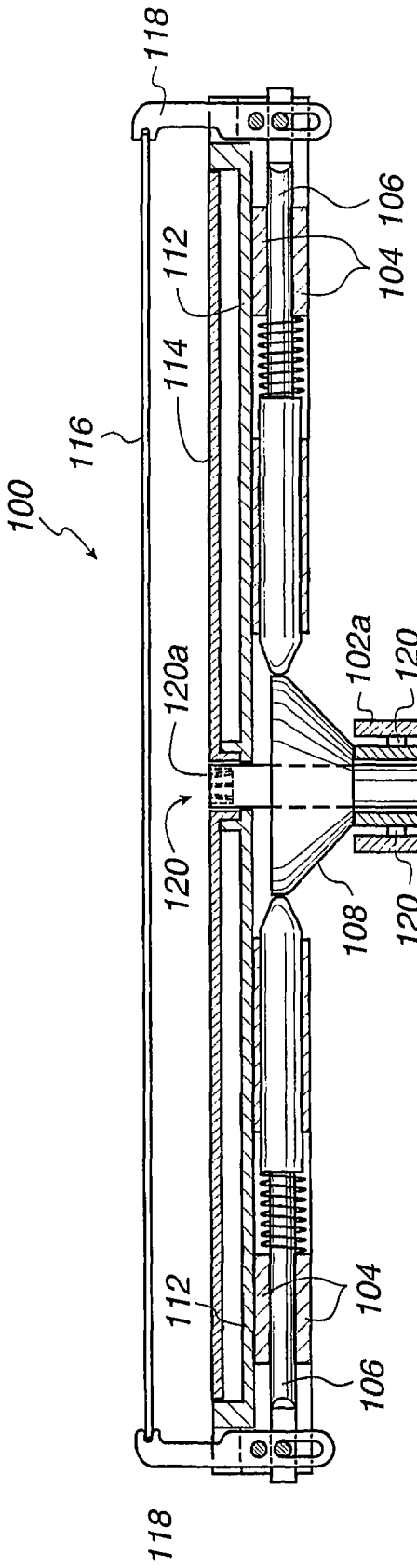


Fig. 1

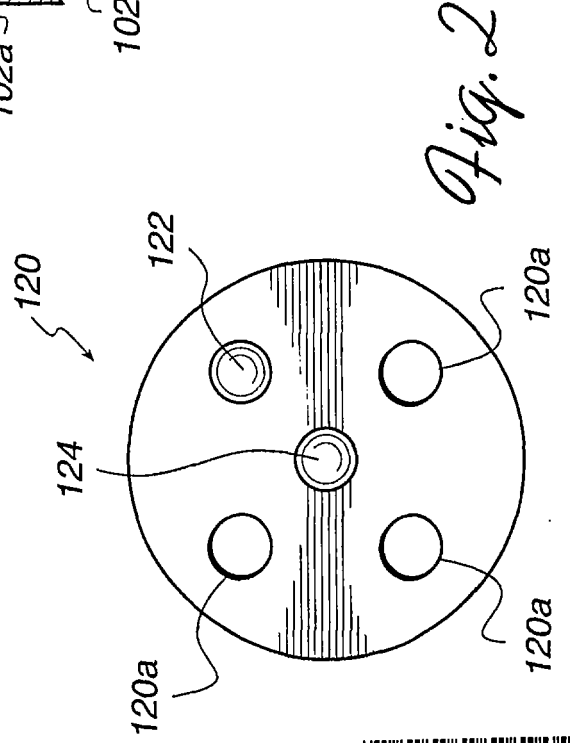


Fig. 2

G00002

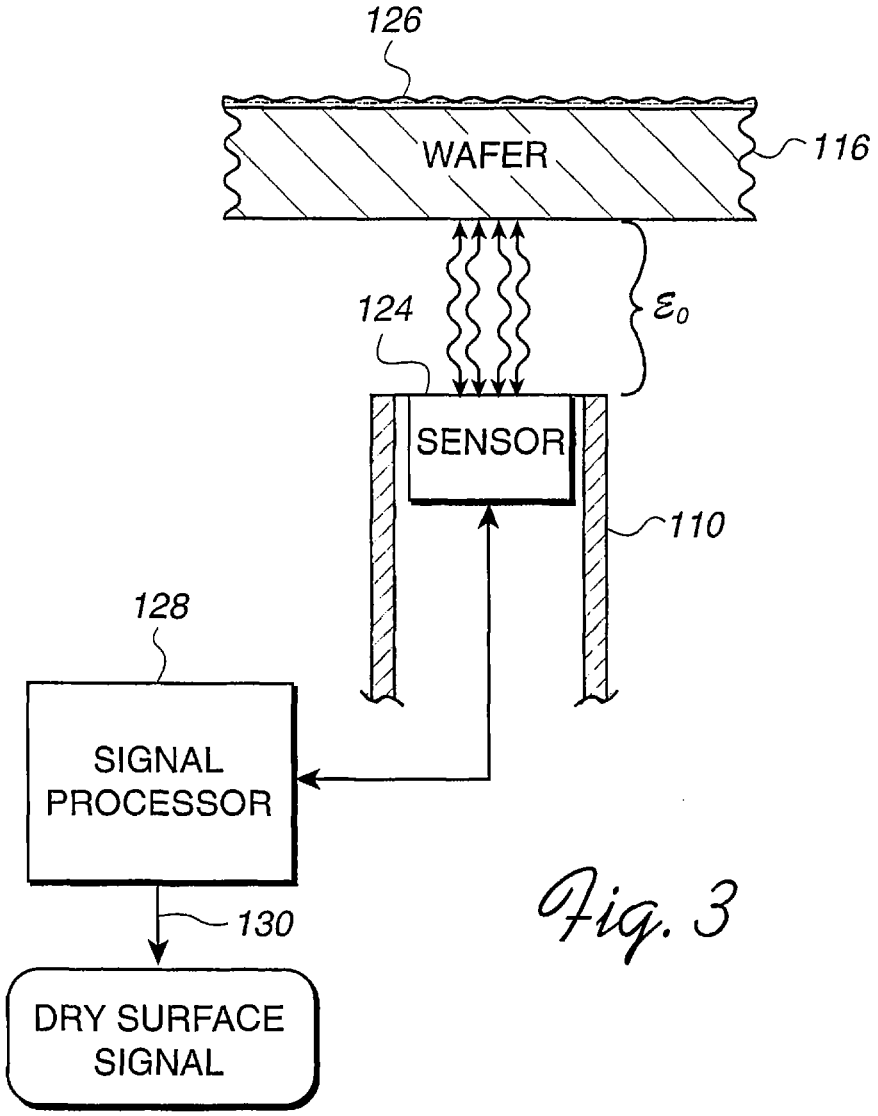

126
WAFER
116
124
ε_0
SENSOR
110
128
SIGNAL PROCESSOR
130
DRY SURFACE SIGNAL

Fig. 3

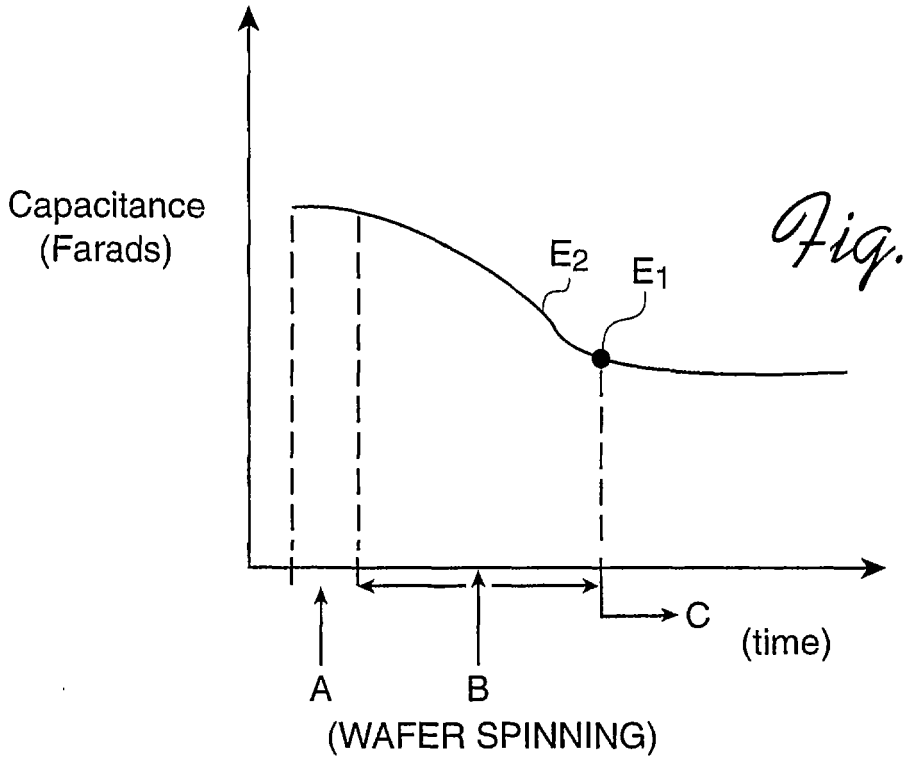


Fig. 4A

A	FLUID FILM PRESENT
B	FLUID FILM REDUCING
C	FLUID FILM REMOVED

Fig. 4B

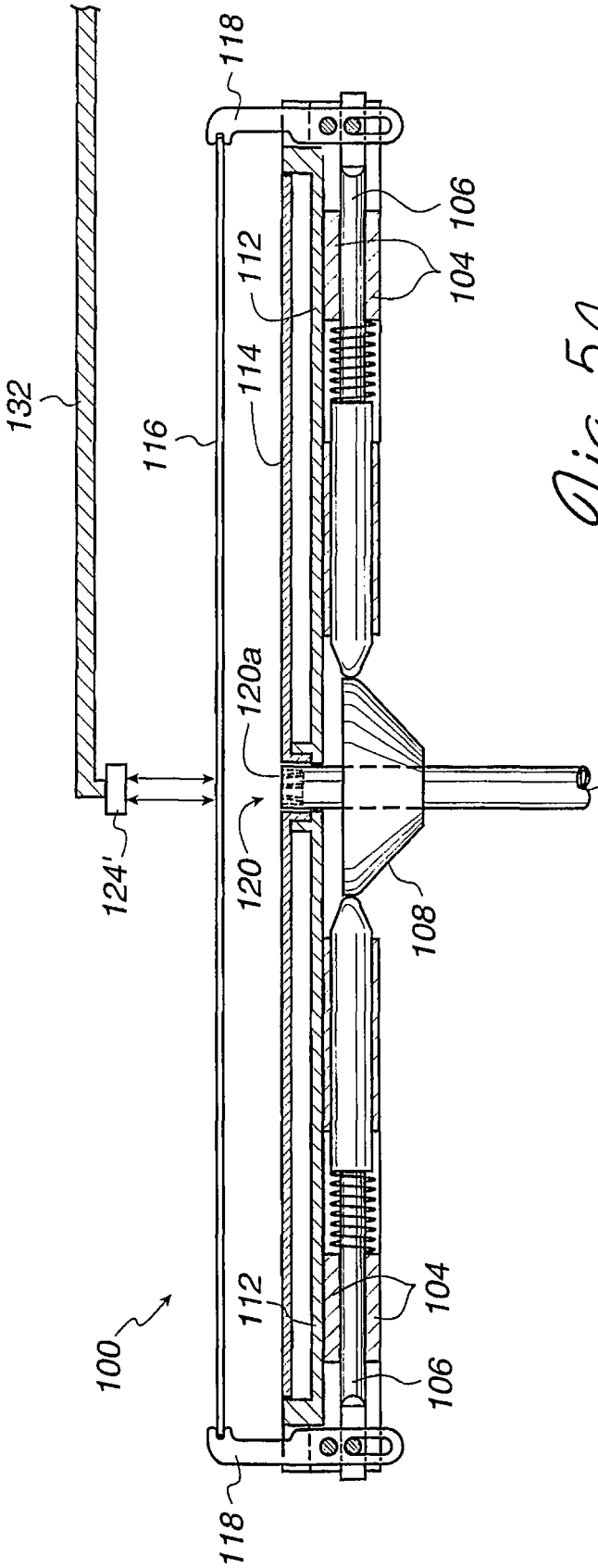

118
106
104
112
114
132
116
120a
110
124'
120
108
112
104
100
106
118

Fig. 5A

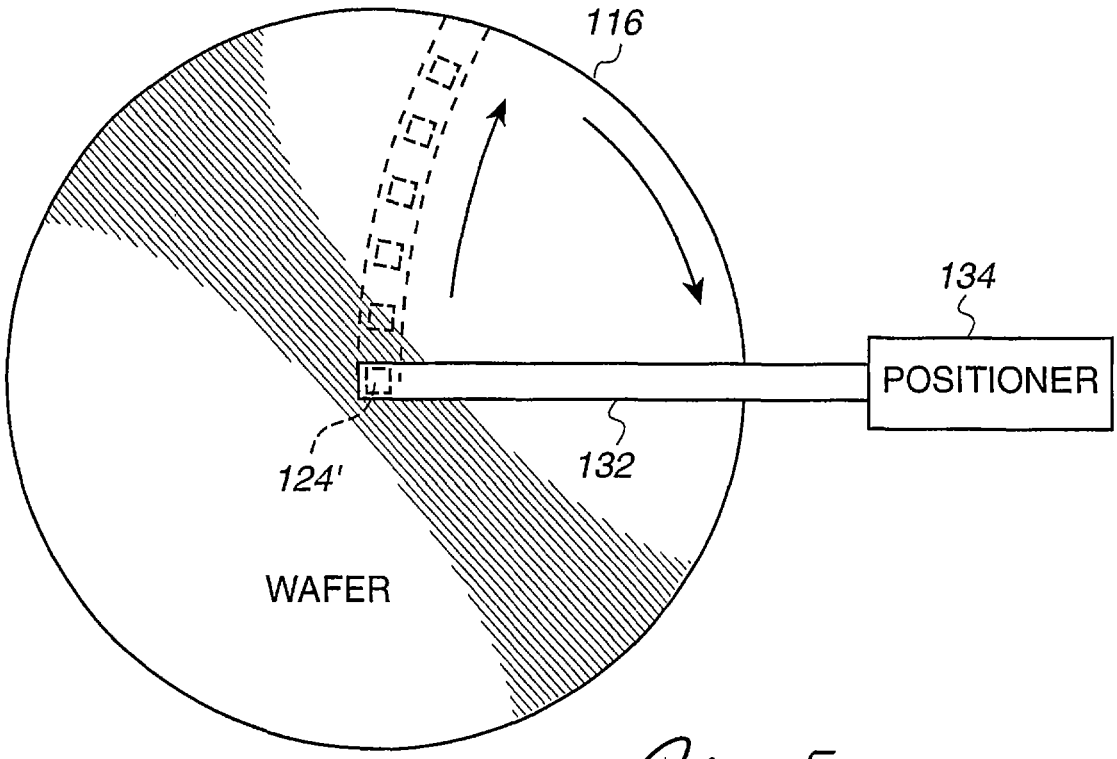


Fig. 5B

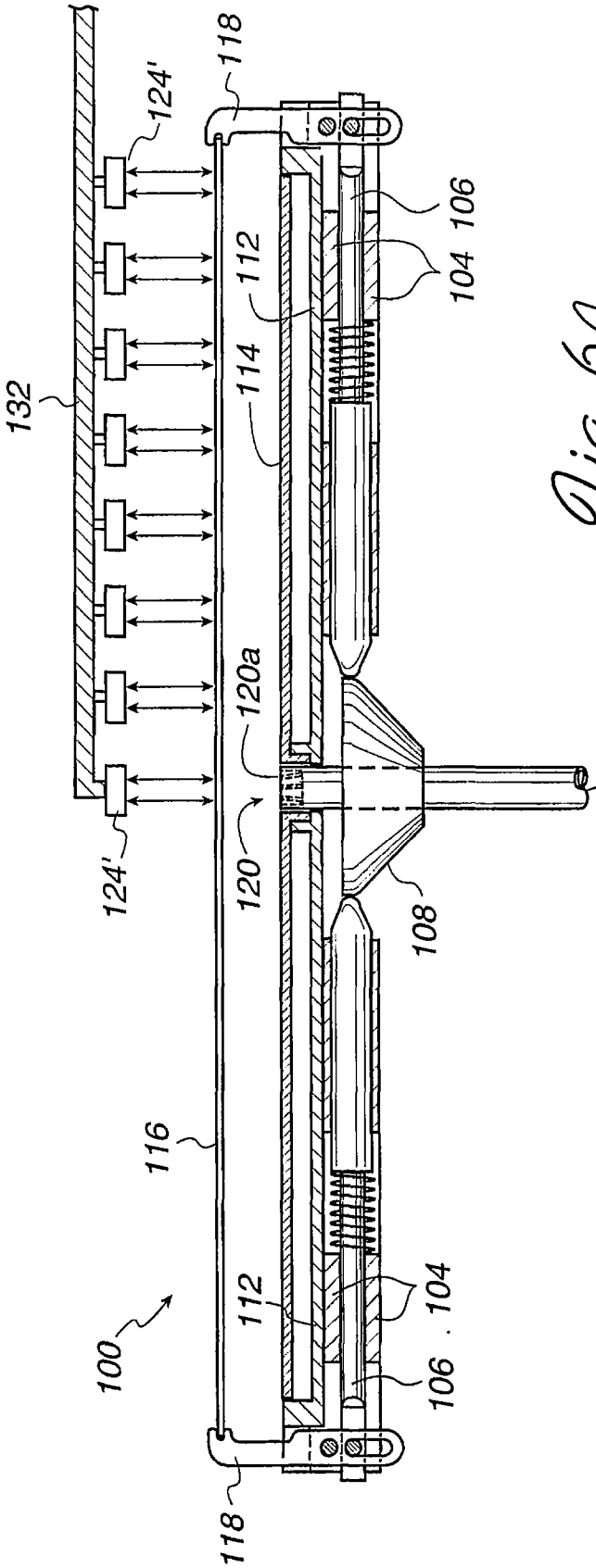

118
124'
106
104
112
114
132
120a
110
120
124'
108
116
112
104
100
106
118

Fig. 6A

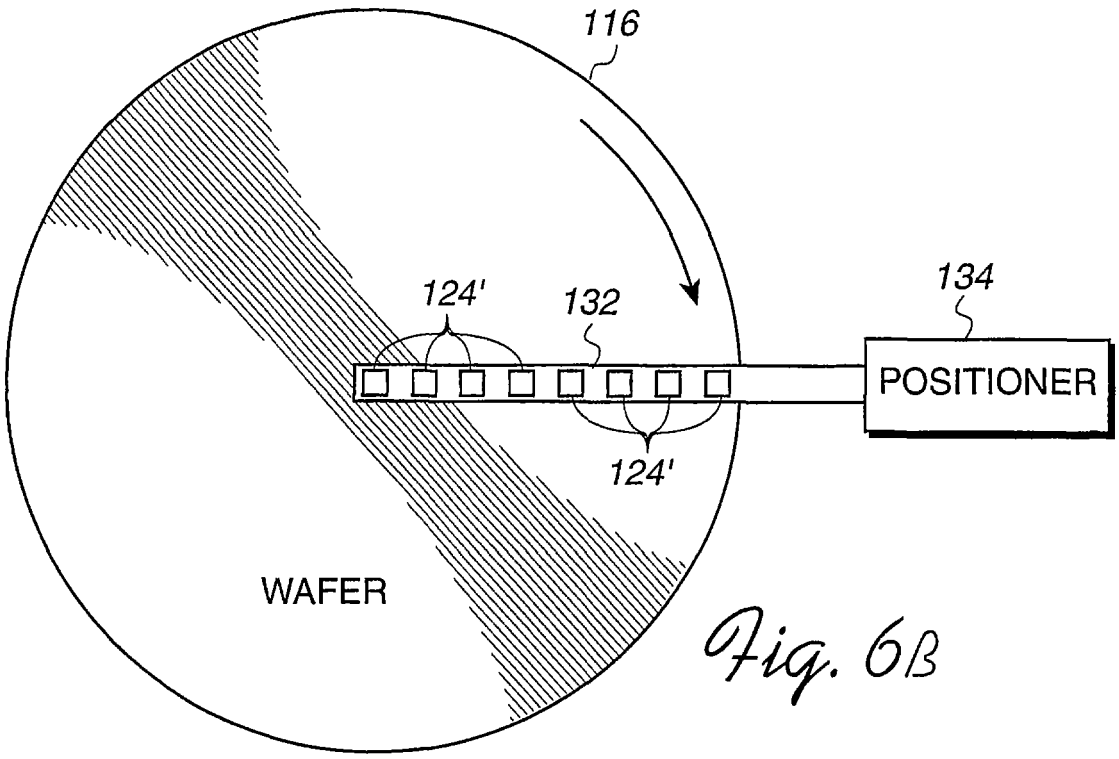

116
124'
132
134
POSITIONER
124'
WAFER

Fig. 6B

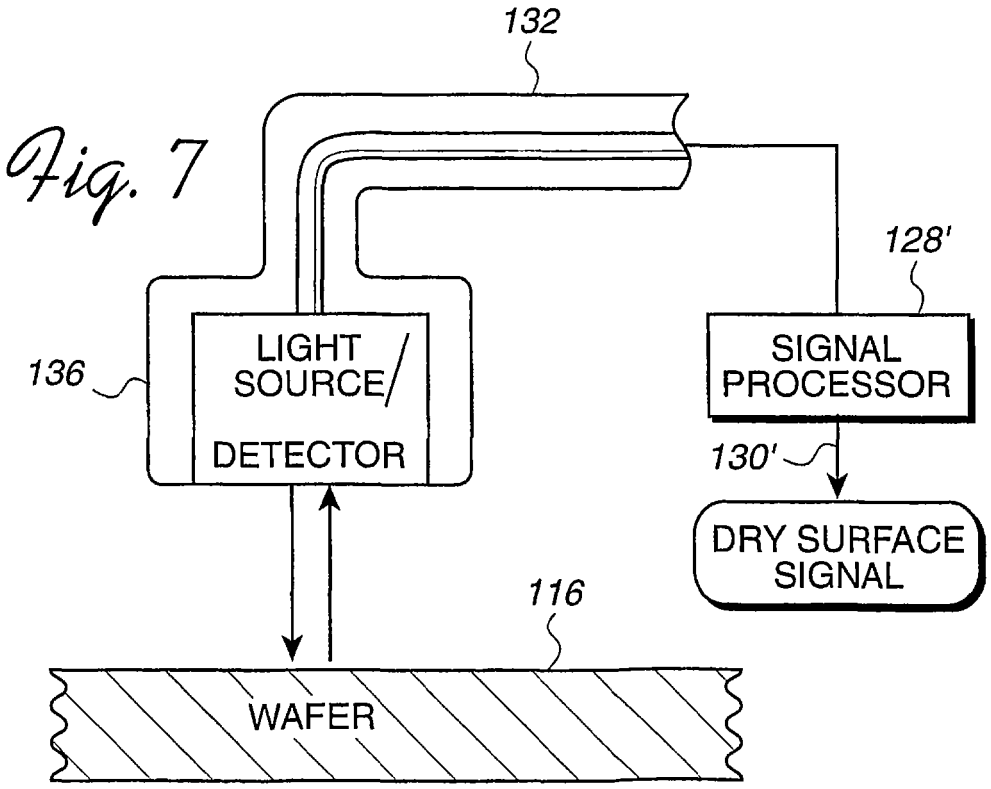

132
128'
136
LIGHT SOURCE/ DETECTOR
SIGNAL PROCESSOR
130'
DRY SURFACE SIGNAL
116
WAFER

Fig. 7