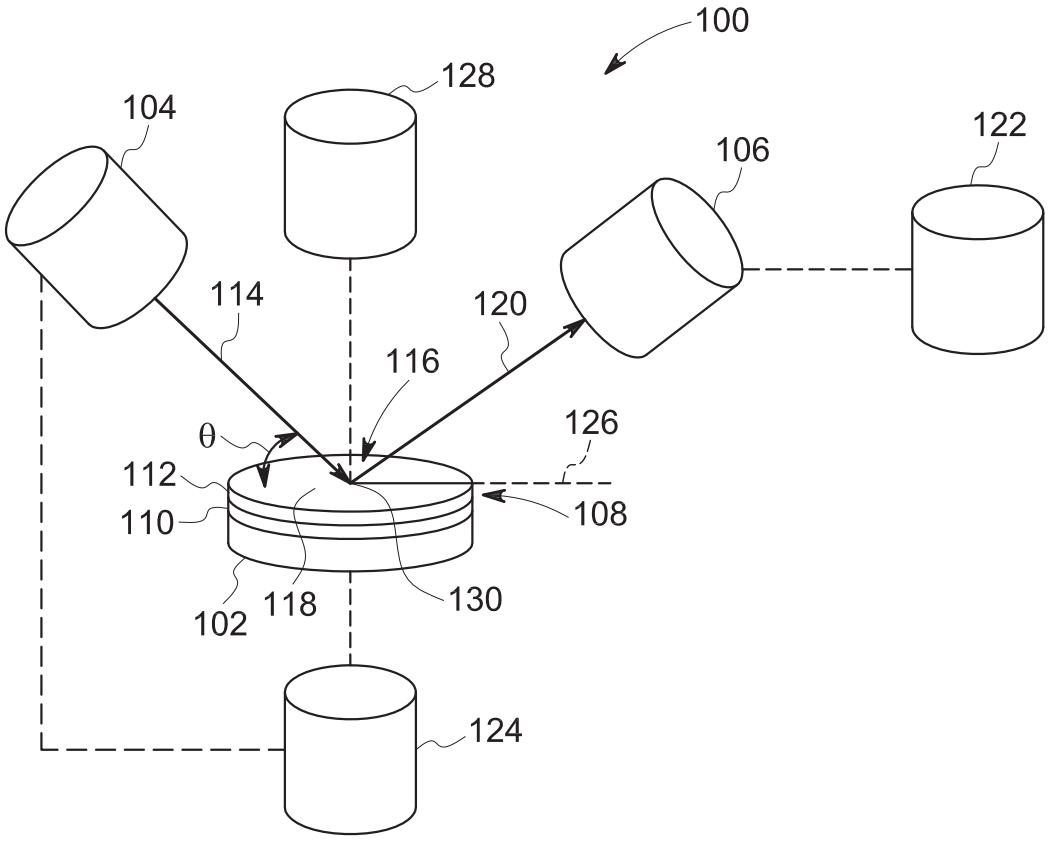
100
128
104
122
106
114
120
116
θ
126
112
108
110
102
118
130
124

FIG. 1

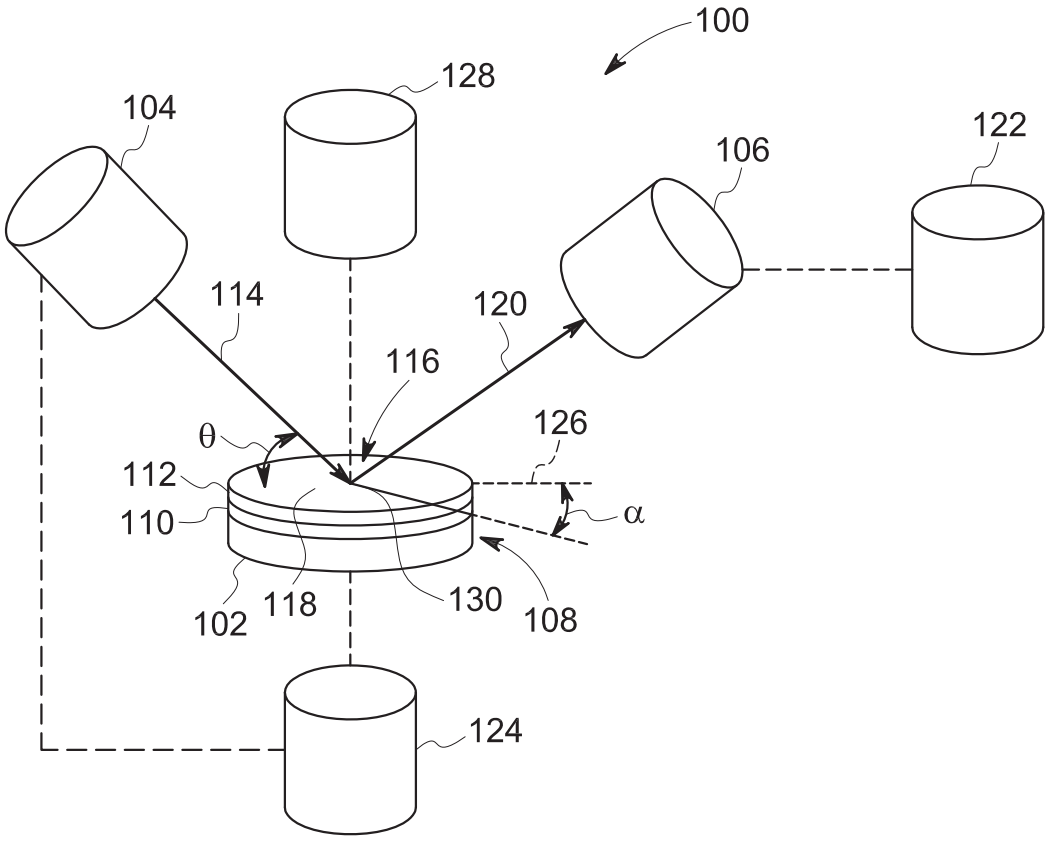
100
128
104
122
106
114
120
116
θ
126
112
α
110
102
118
130
108
124

FIG. 2

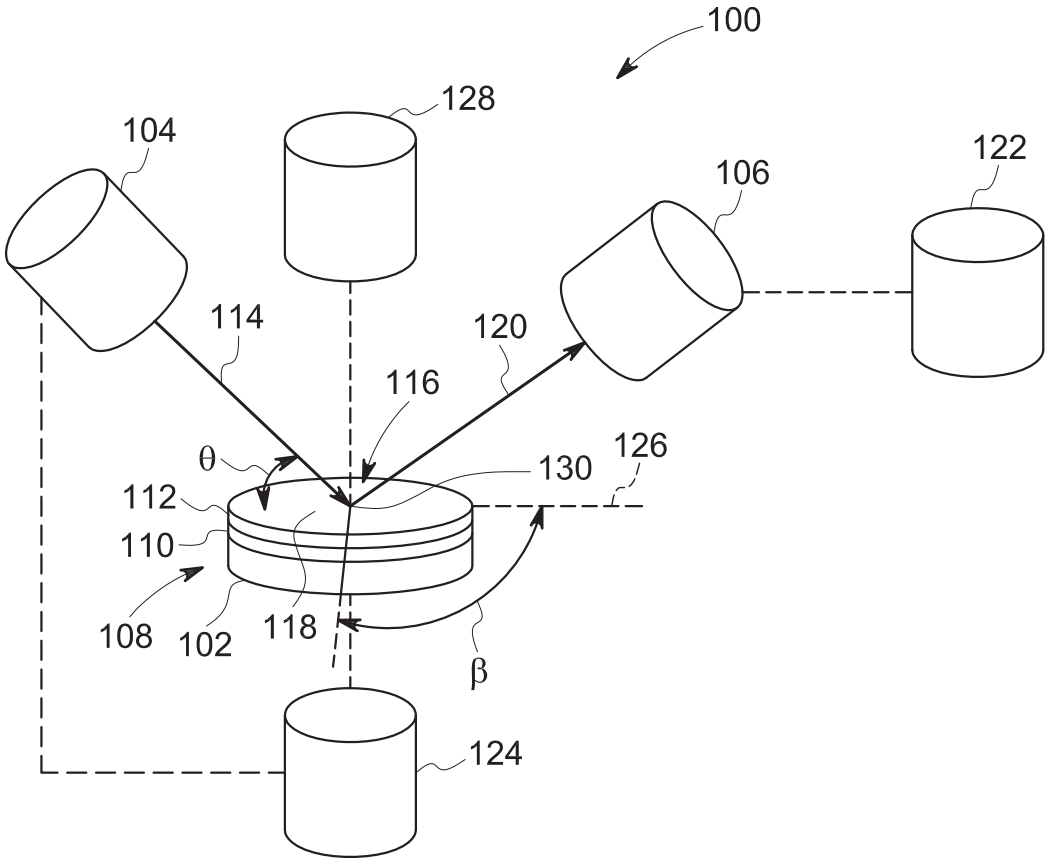
100
128
104
122
106
114
120
116
θ
130
126
112
110
108
102
118
β
124

FIG. 3

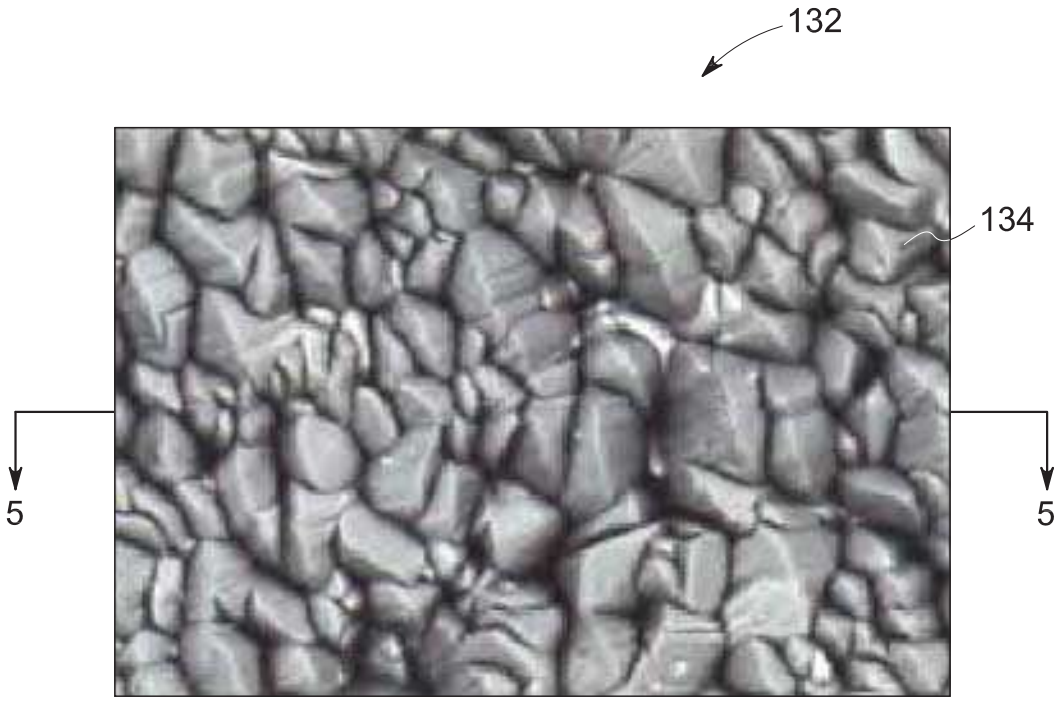

FIG. 4

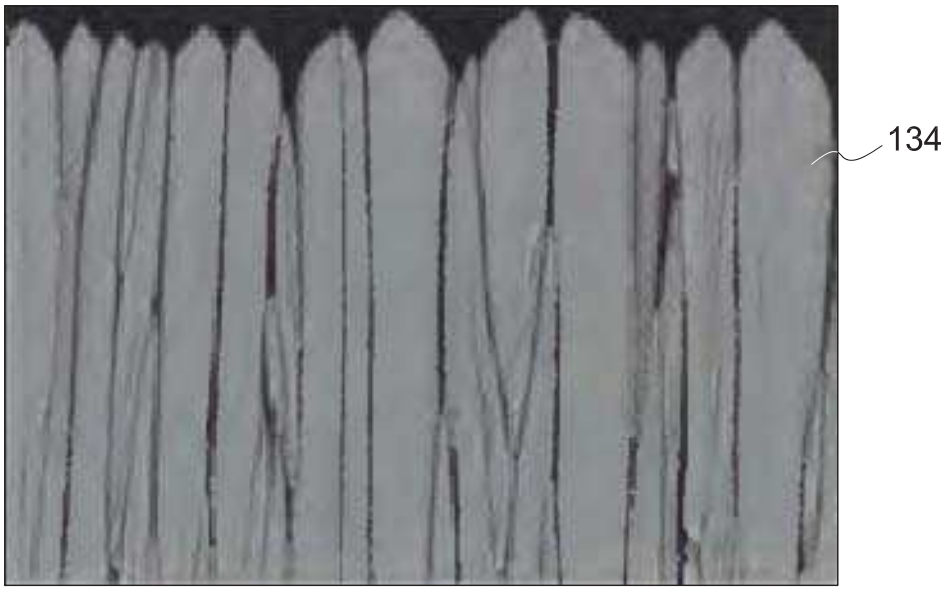

FIG. 5

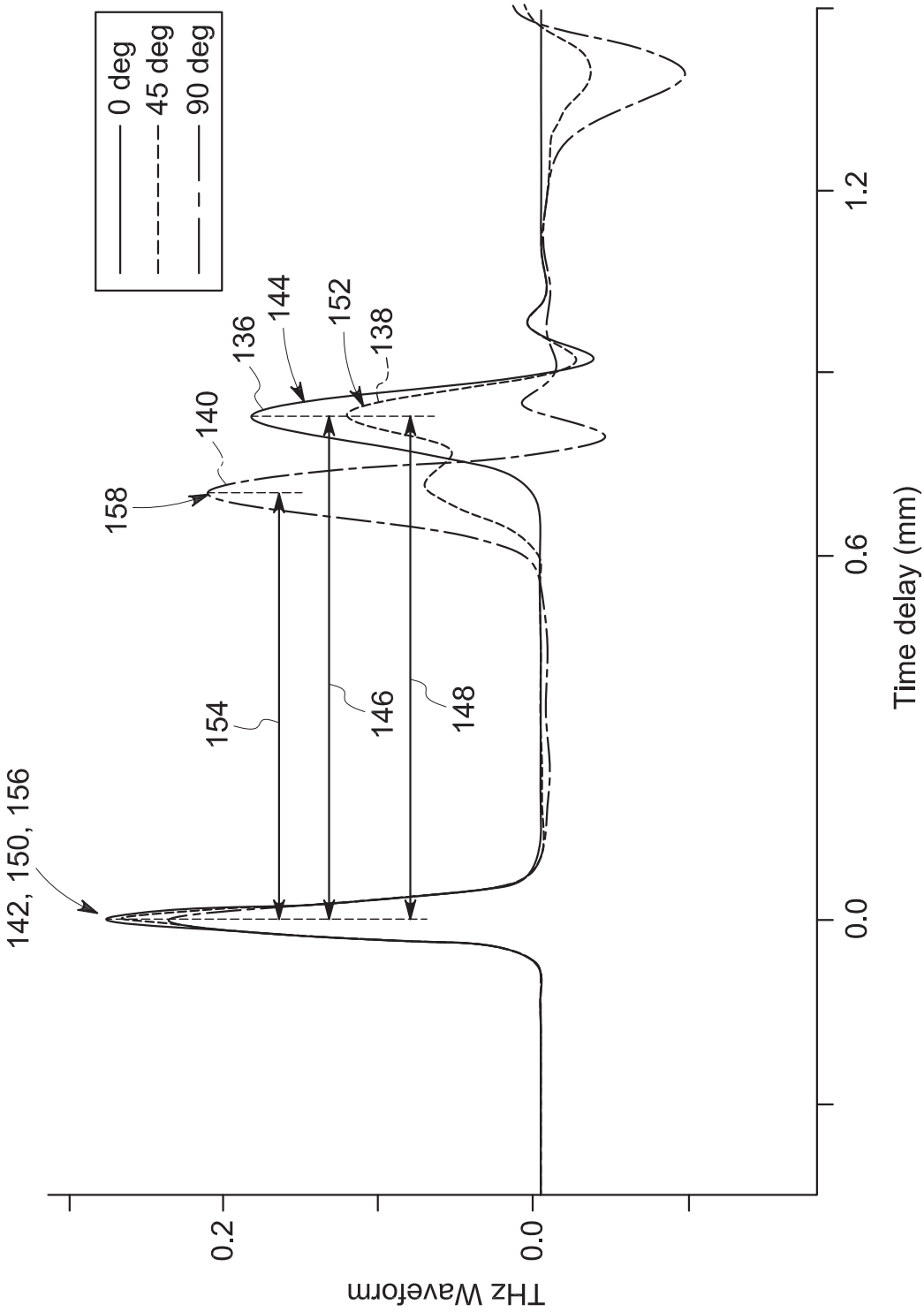
0 deg
45 deg
90 deg
142, 150, 156
158
140
136
144
152
138
154
146
148
THz Waveform
0.2
0.0
0.0
0.6
1.2
Time delay (mm)

FIG. 6

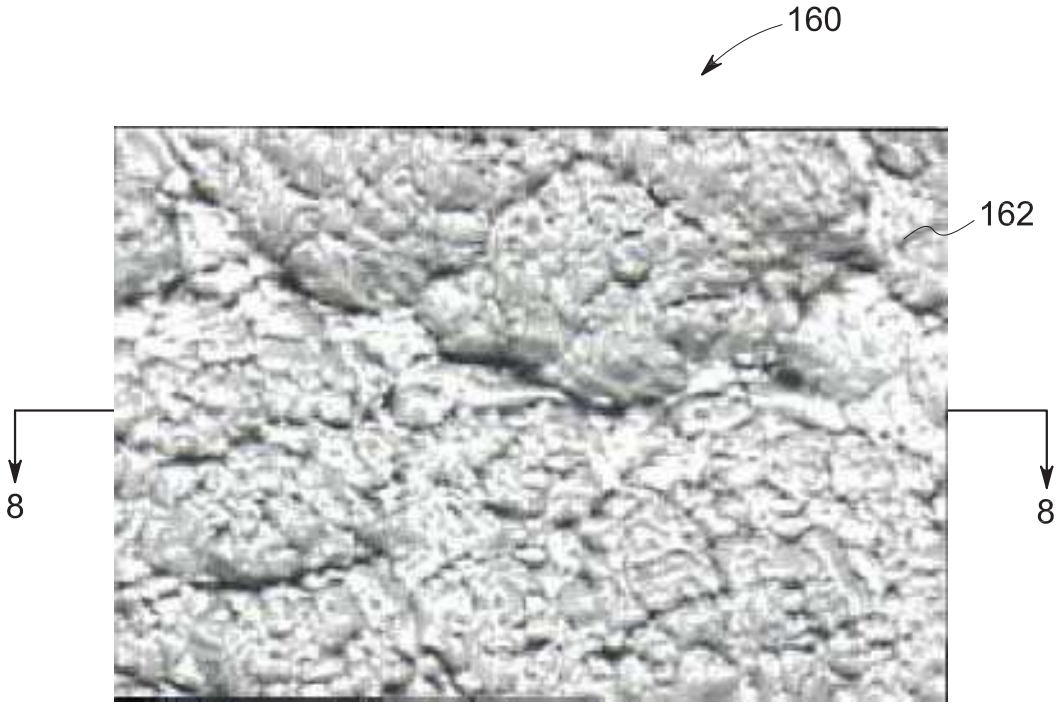

FIG. 7



FIG. 8

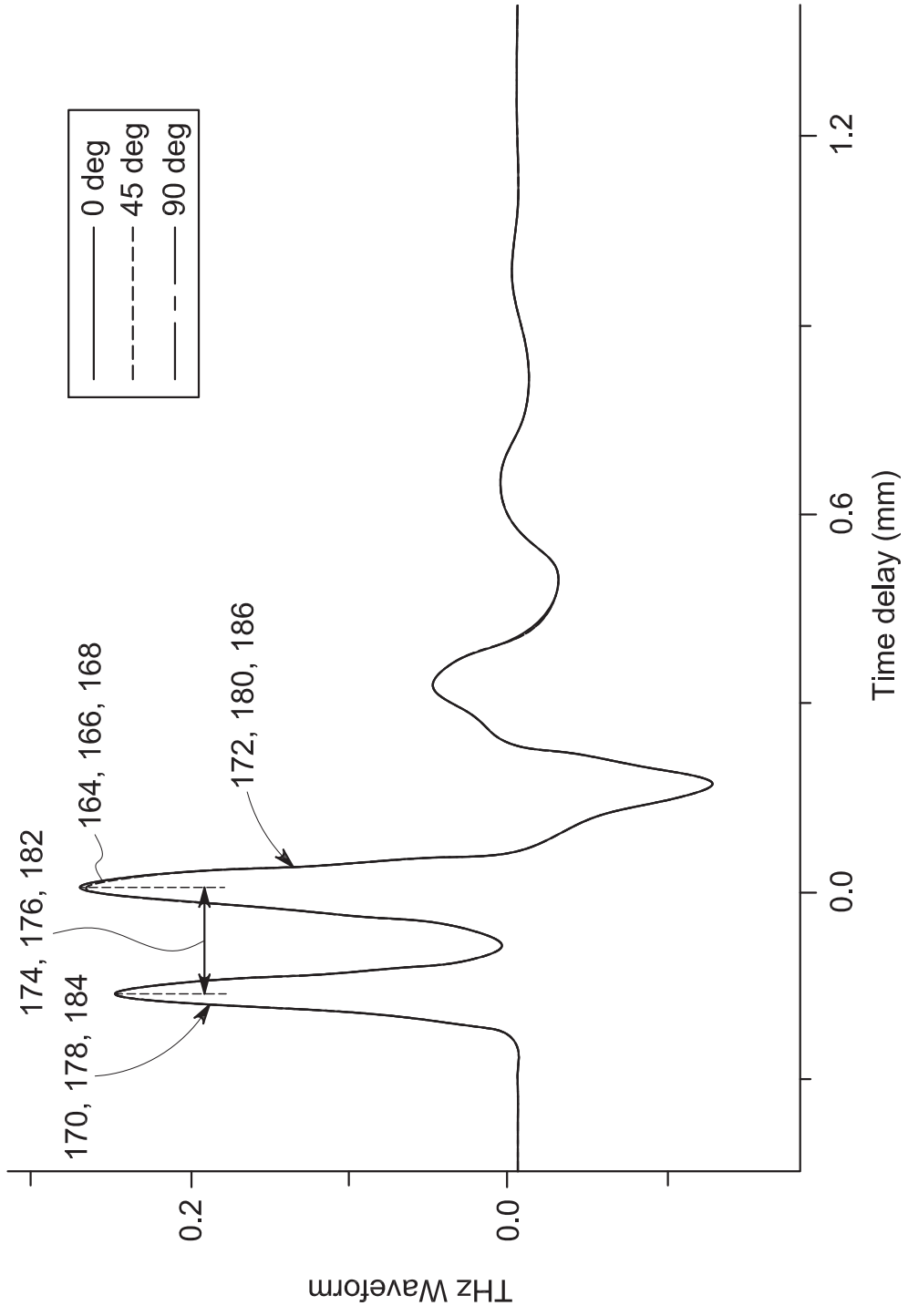
0 deg
45 deg
90 deg
164, 166, 168
172, 180, 186
174, 176, 182
170, 178, 184
0.2
0.0
THz Waveform
0.0
0.6
1.2
Time delay (mm)

FIG. 9

Sample #	Δt (0 deg)	Δt (45 deg)	Δt (90 deg)	Standard Dev. (Δt)
1	1.1	1.1	1.1	0
2	1.17	1.17	1.17	0
3	3.5	3.5	4	0.29
4	3.2	3.8	3.8	0.35
5	5.5	4.8	4.8	0.40
6	4.8	4.8	5.6	0.46
7	6.2	6.2	6.3	0.06
8	6.7	6.8	6.9	0.10

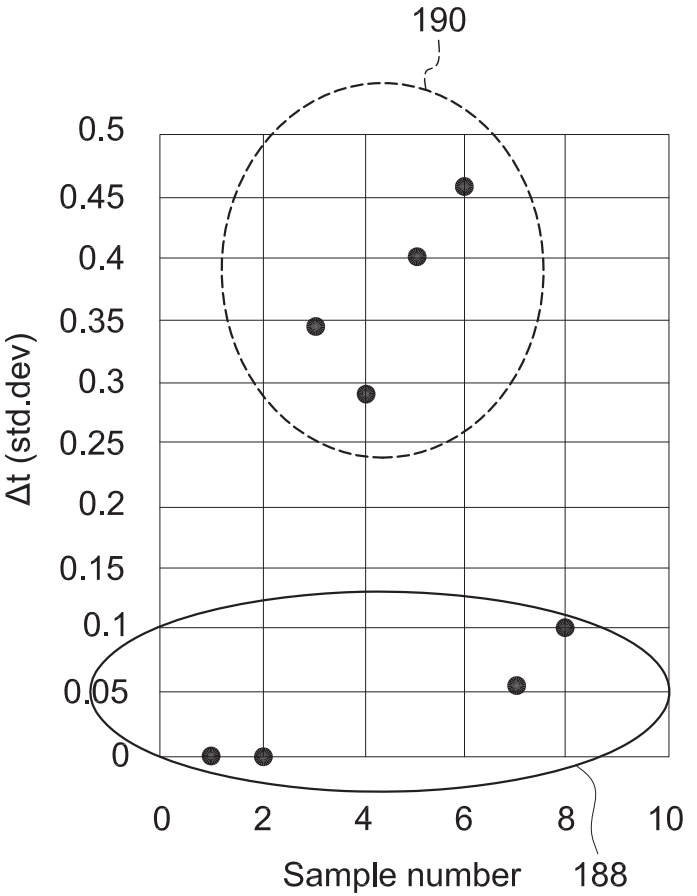

FIG. 10