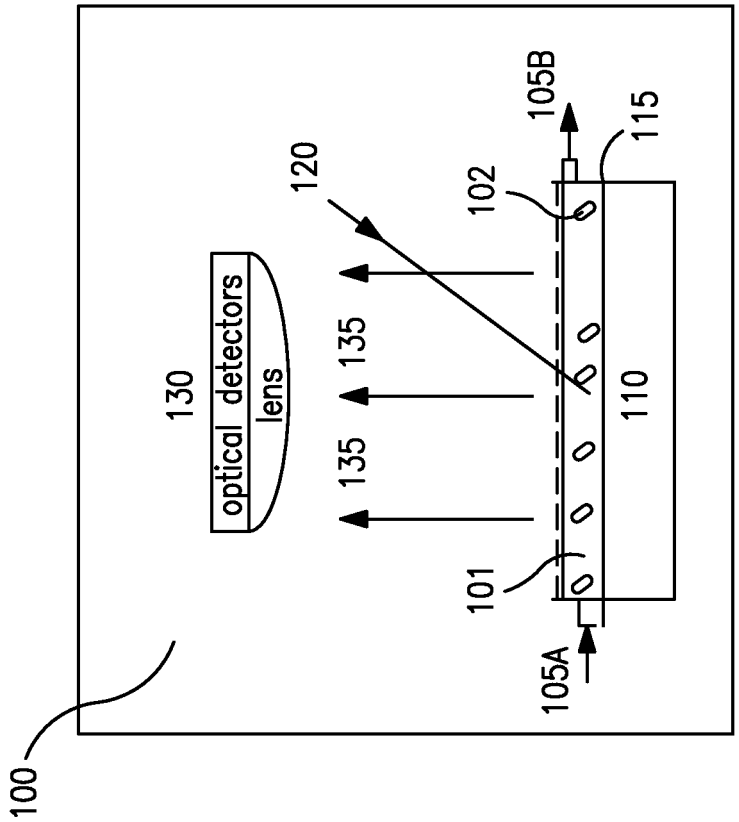

100
130
optical detectors
lens
120
135
135
102
105B
115
110
101
105A
PRESENCE OF PARTICLES

FIG. 1B

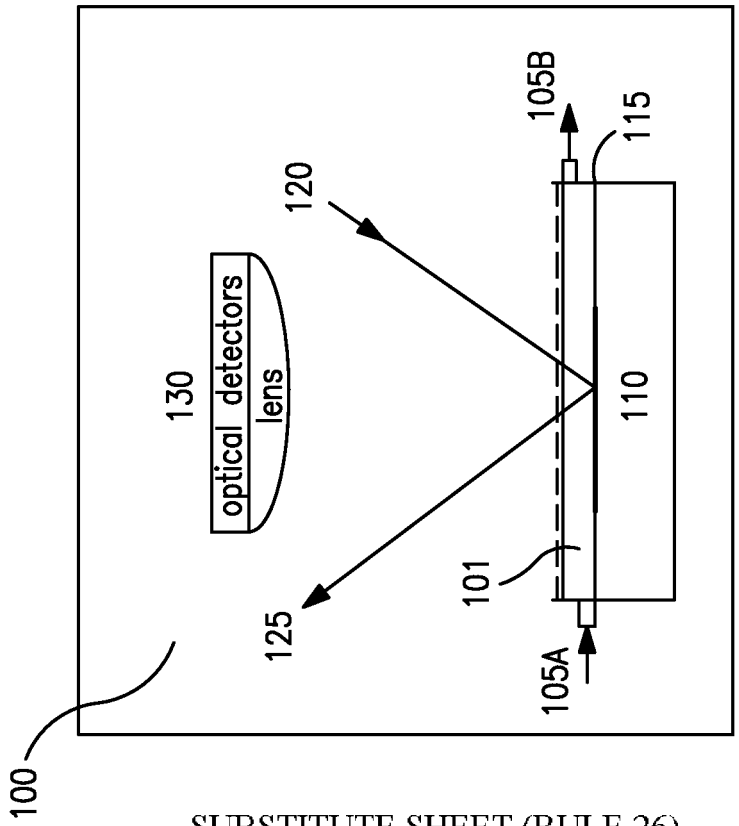

100
130
optical detectors
lens
120
125
105B
115
110
101
105A
ABSENCE OF PARTICLES

FIG. 1A

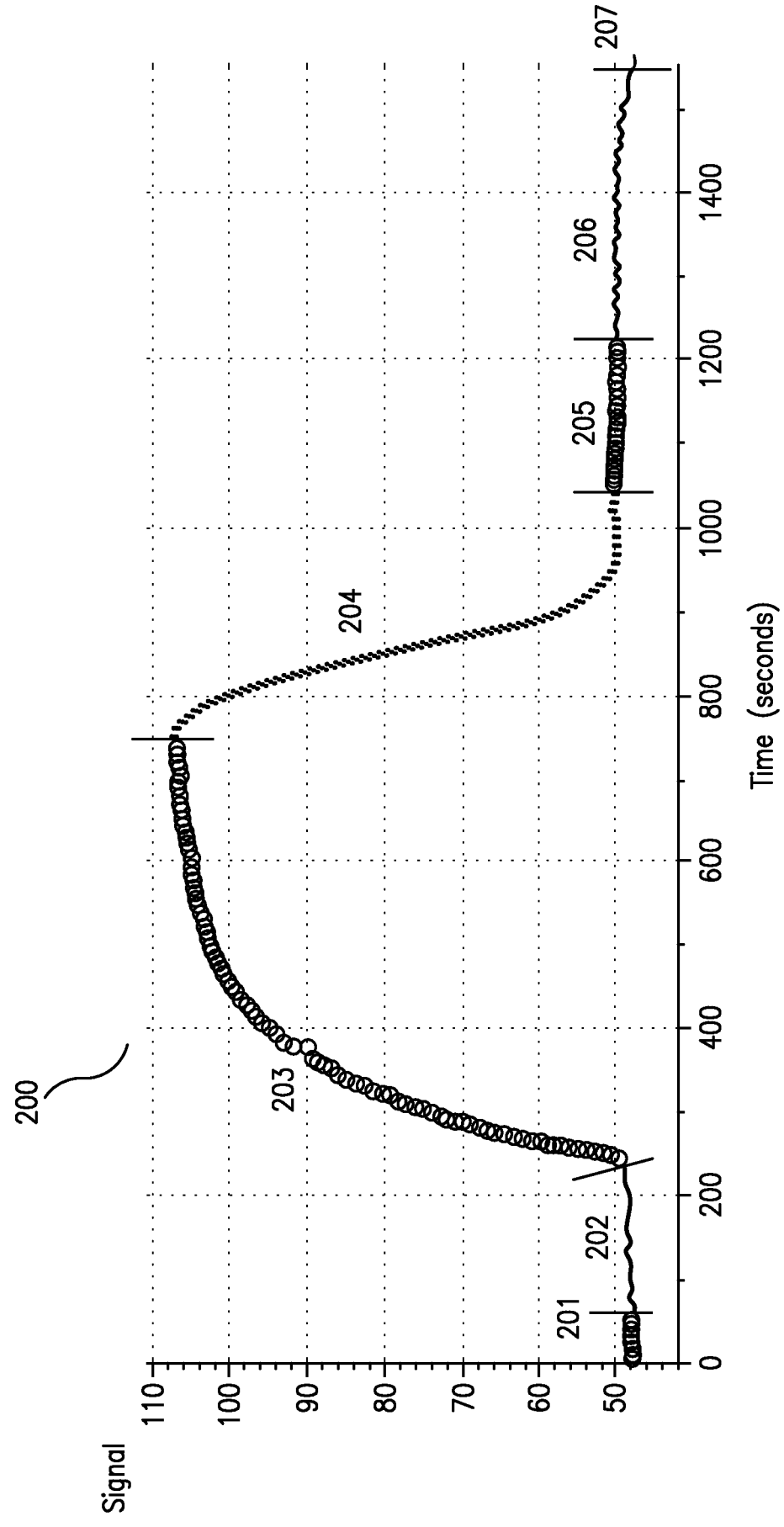

Signal
110
100
90
80
70
60
50
0
200
400
600
800
1000
1200
1400
Time (seconds)
200
201
202
203
204
205
206
207

FIG. 2

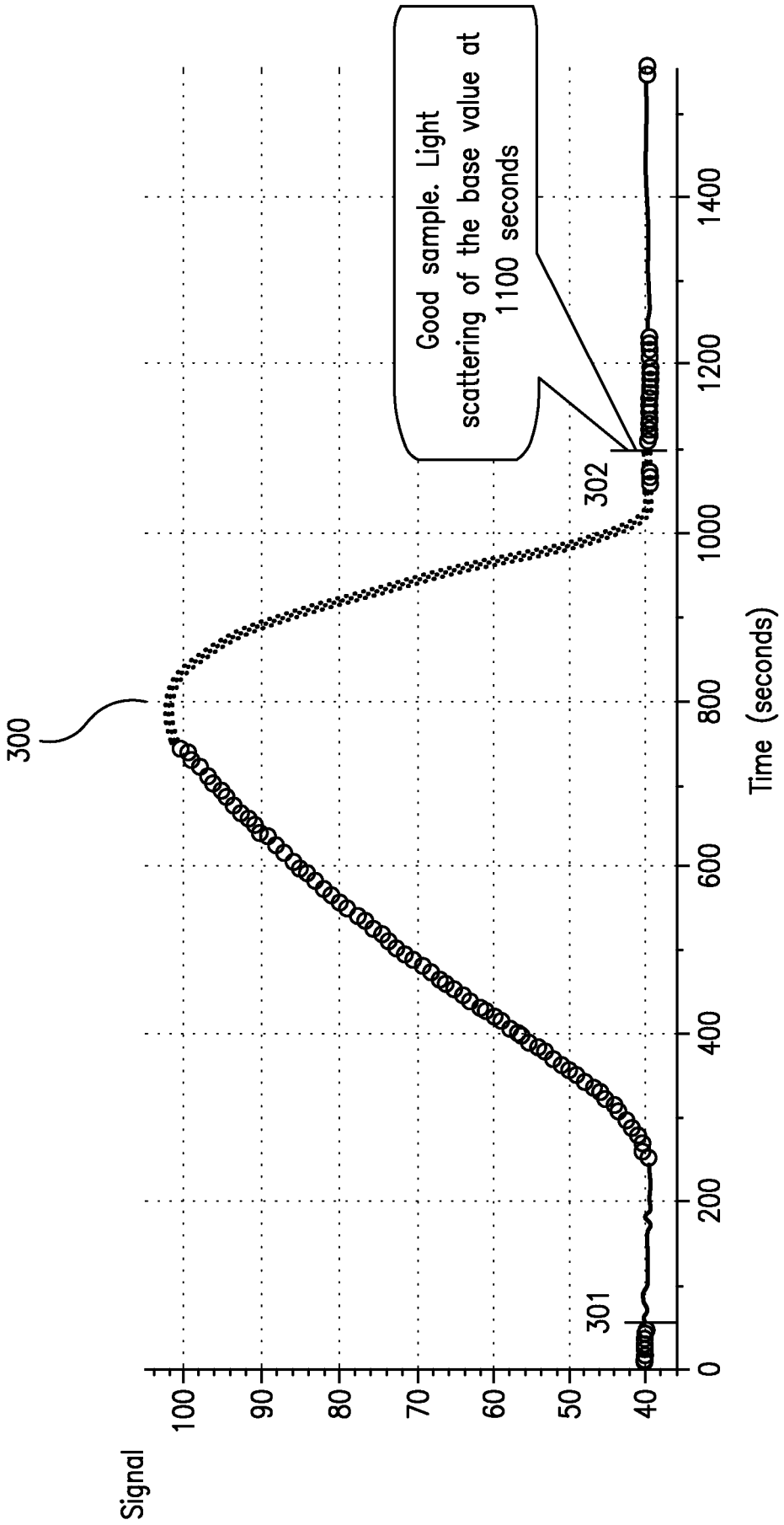

Good sample. Light scattering of the base value at 1100 seconds
300
301
302
Signal
Time (seconds)
100
90
80
70
60
50
40
0
200
400
600
800
1000
1200
1400

FIG. 3

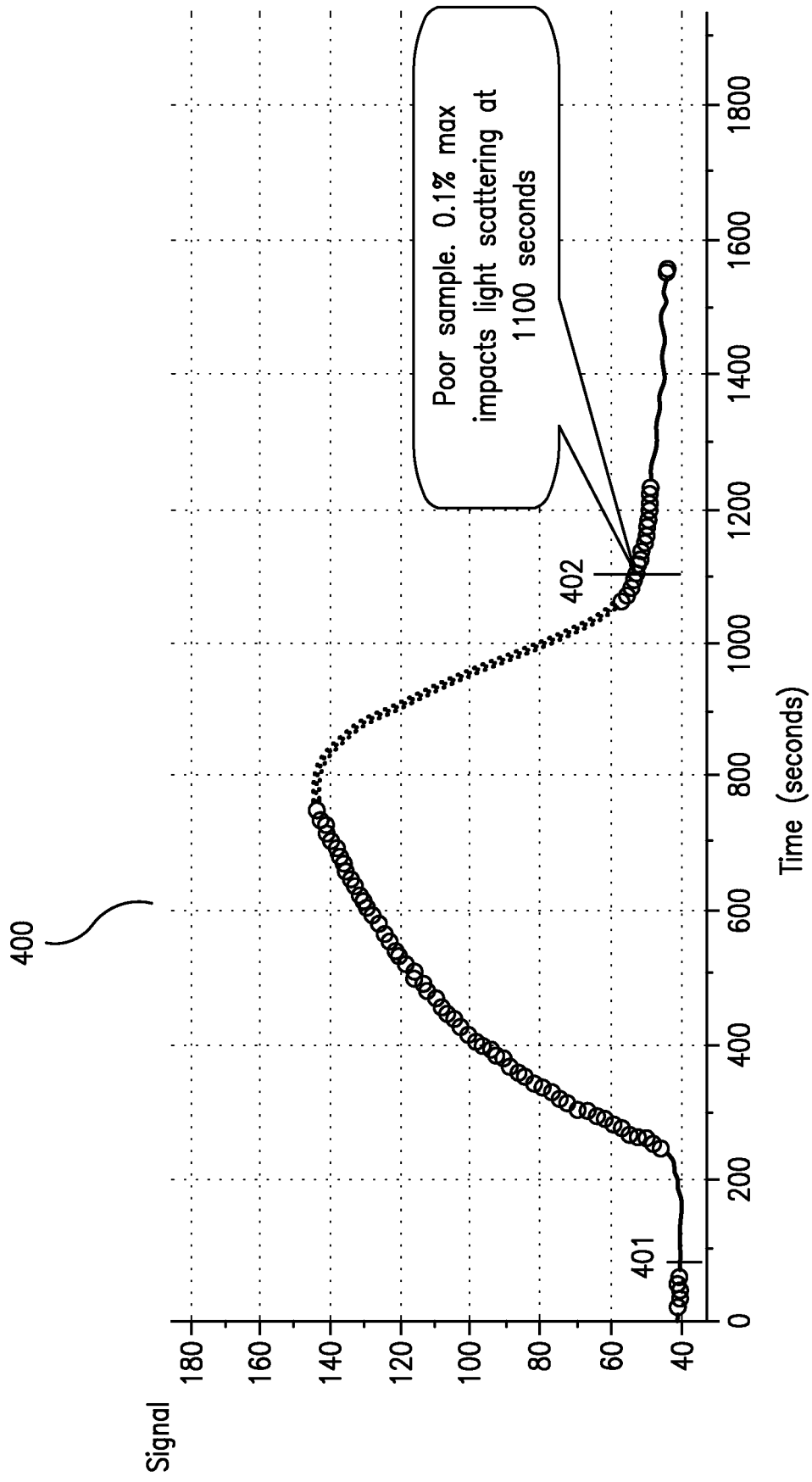

400
Poor sample. 0.1% max
impacts light scattering at
1100 seconds
402
401
Signal
Time (seconds)
180
160
140
120
100
80
60
40
0
200
400
600
800
1000
1200
1400
1600
1800

FIG. 4

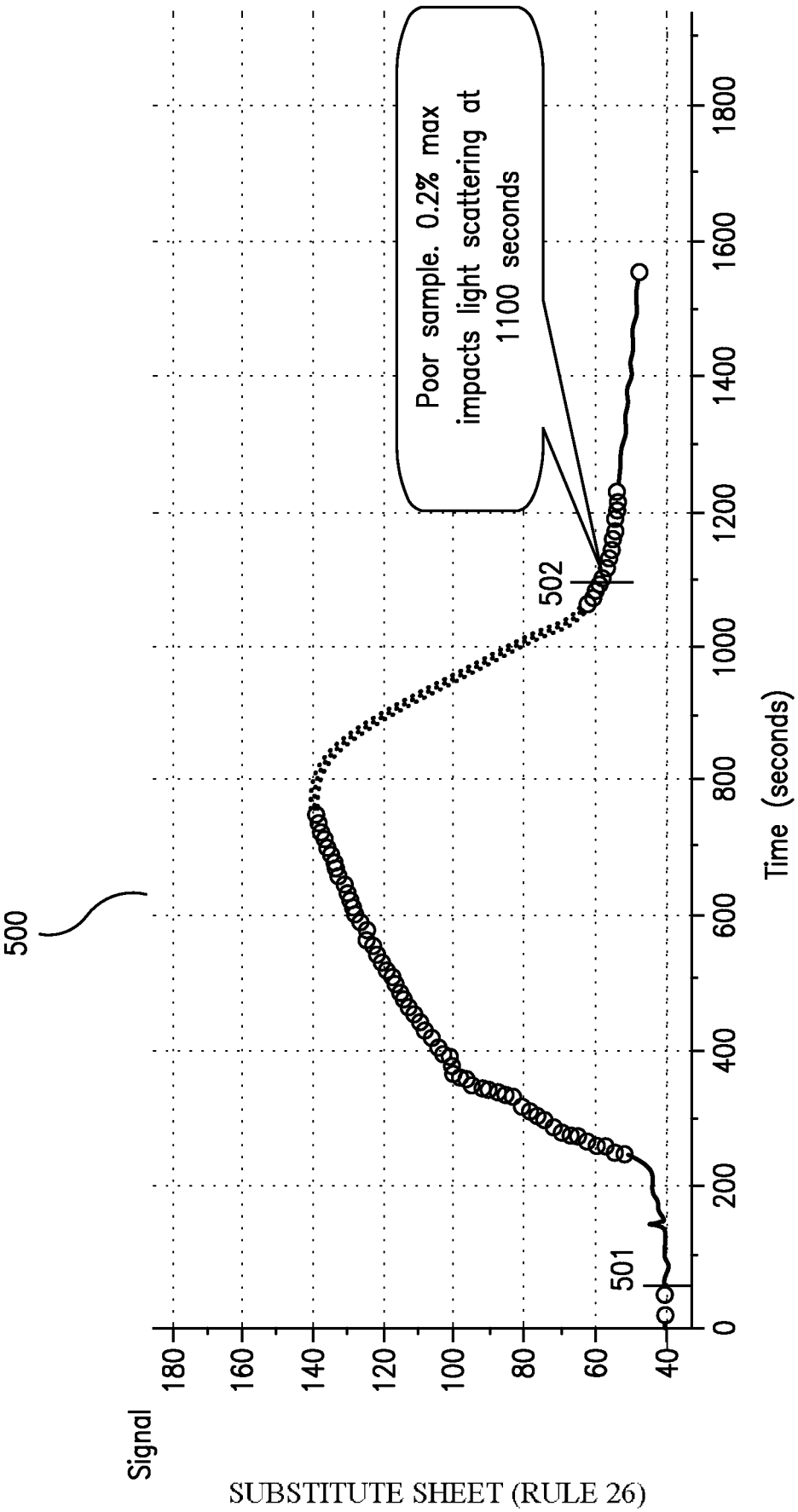

Poor sample. 0.2% max
impacts light scattering at
1100 seconds
500
501
502
Signal
Time (seconds)
180
160
140
120
100
80
60
40
0
200
400
600
800
1000
1200
1400
1600
1800

FIG. 5

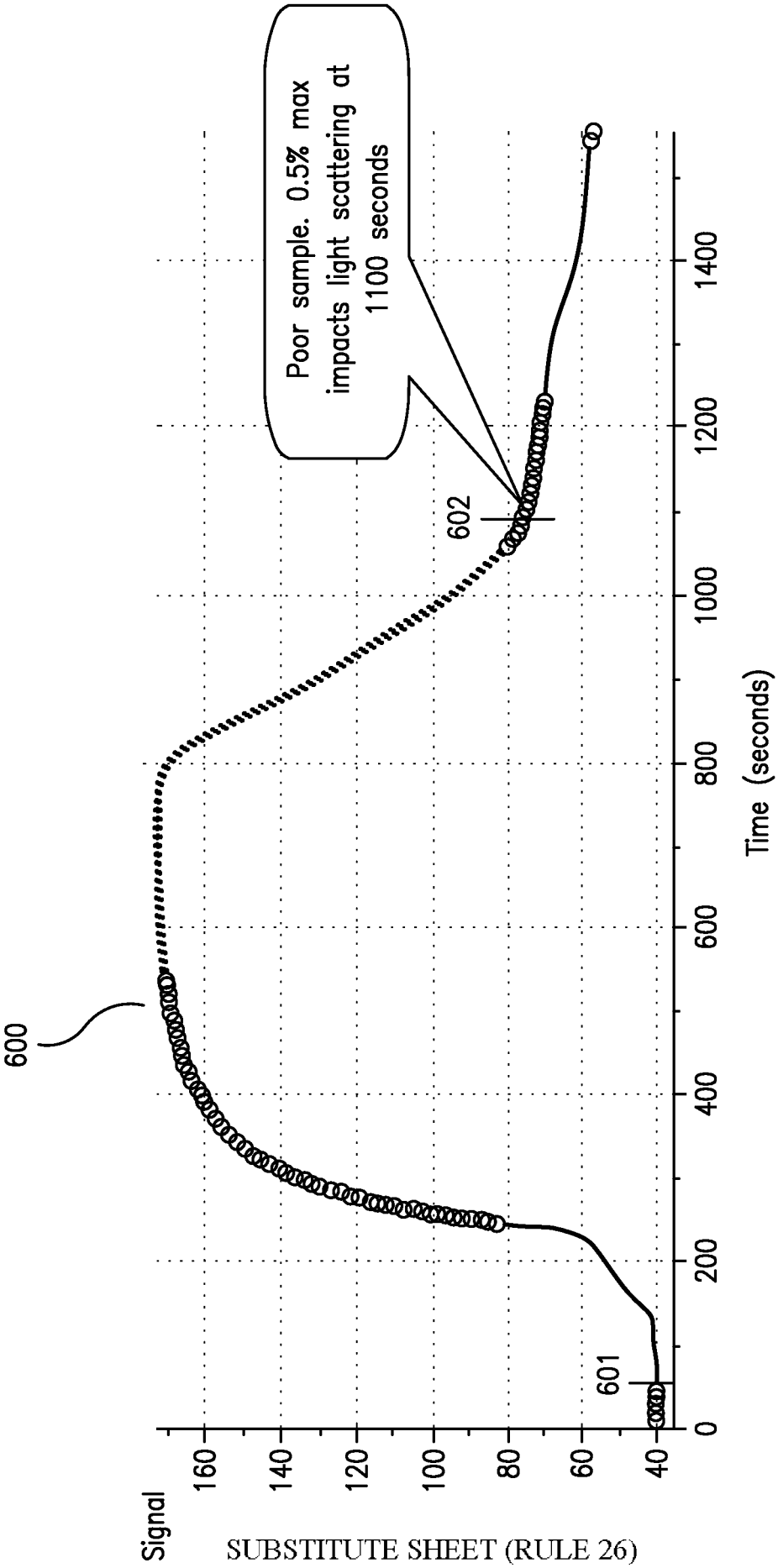

Poor sample. 0.5% max impacts light scattering at 1100 seconds
600
601
602
Signal
160
140
120
100
80
60
40
0
200
400
600
800
1000
1200
1400
Time (seconds)

FIG. 6

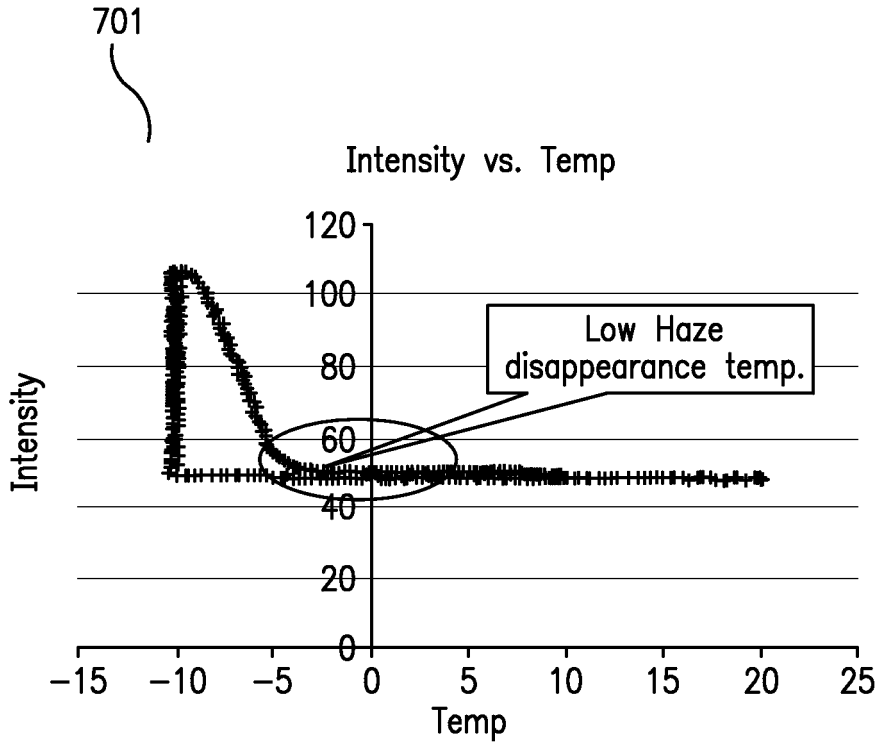

701
Intensity vs. Temp
Intensity
120
100
80
60
40
20
0
Low Haze
disappearance temp.
−15
−10
−5
0
5
10
15
20
25
Temp

FIG. 7A

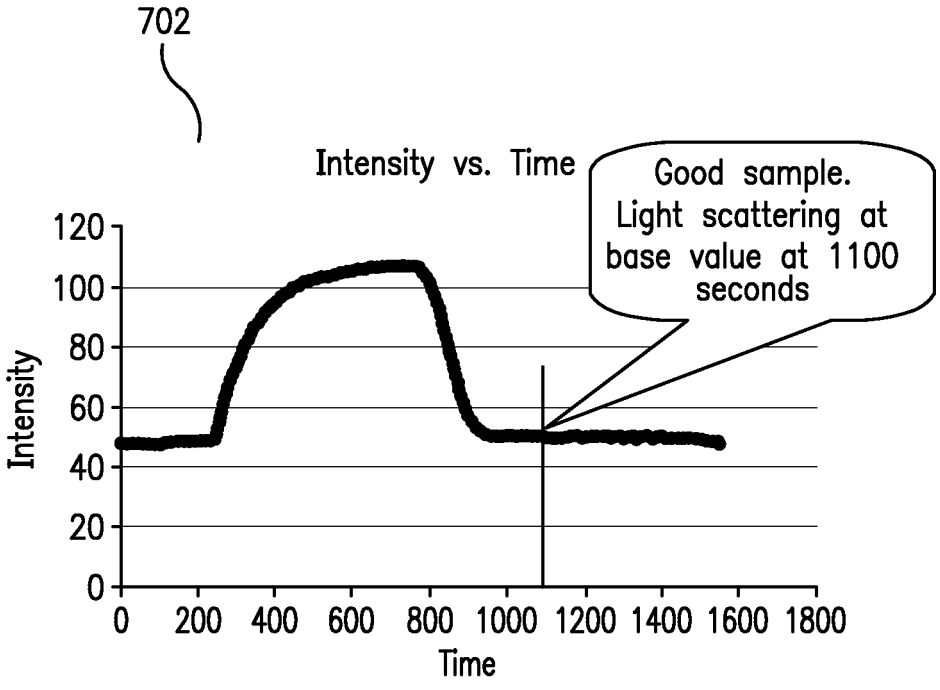

702
Intensity vs. Time
Good sample.
Light scattering at
base value at 1100
seconds
Intensity
120
100
80
60
40
20
0
0
200
400
600
800
1000
1200
1400
1600
1800
Time

FIG. 7B

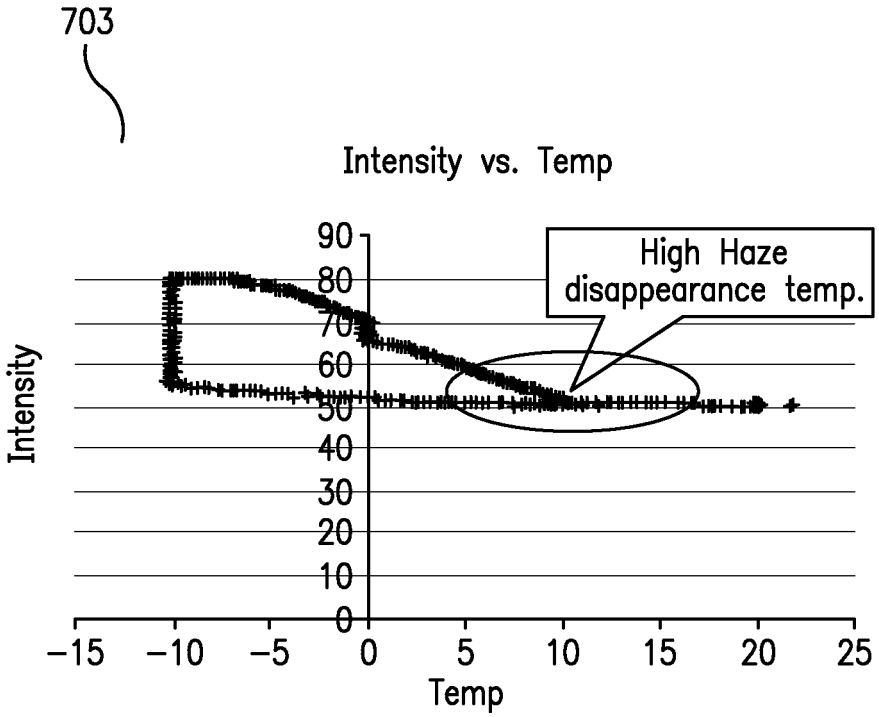

703
Intensity vs. Temp
High Haze disappearance temp.
Intensity
90
80
70
60
50
40
30
20
10
0
−15
−10
−5
0
5
10
15
20
25
Temp

FIG. 7C

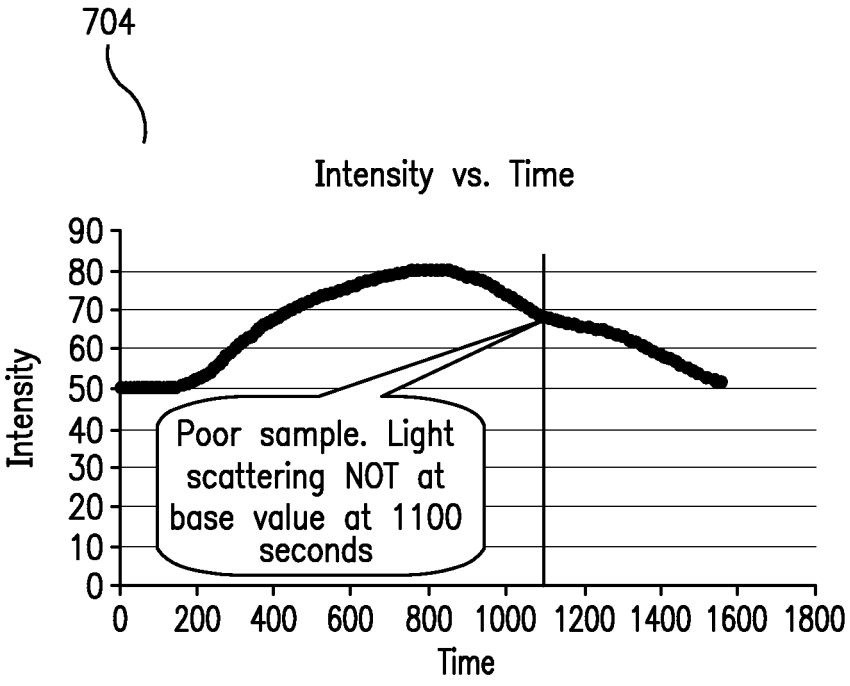

704
Intensity vs. Time
Poor sample. Light scattering NOT at base value at 1100 seconds
Intensity
90
80
70
60
50
40
30
20
10
0
0
200
400
600
800
1000
1200
1400
1600
1800
Time

FIG. 7D