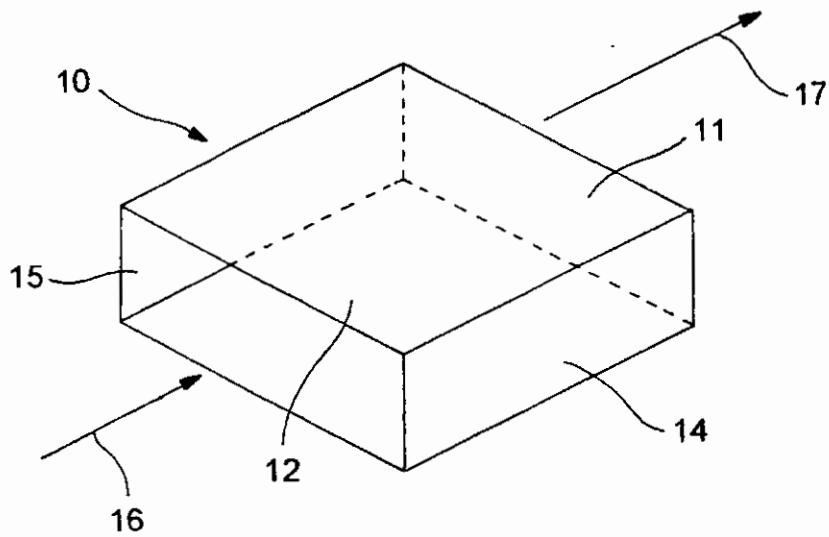

10
17
11
15
14
12
16

FIG. 1

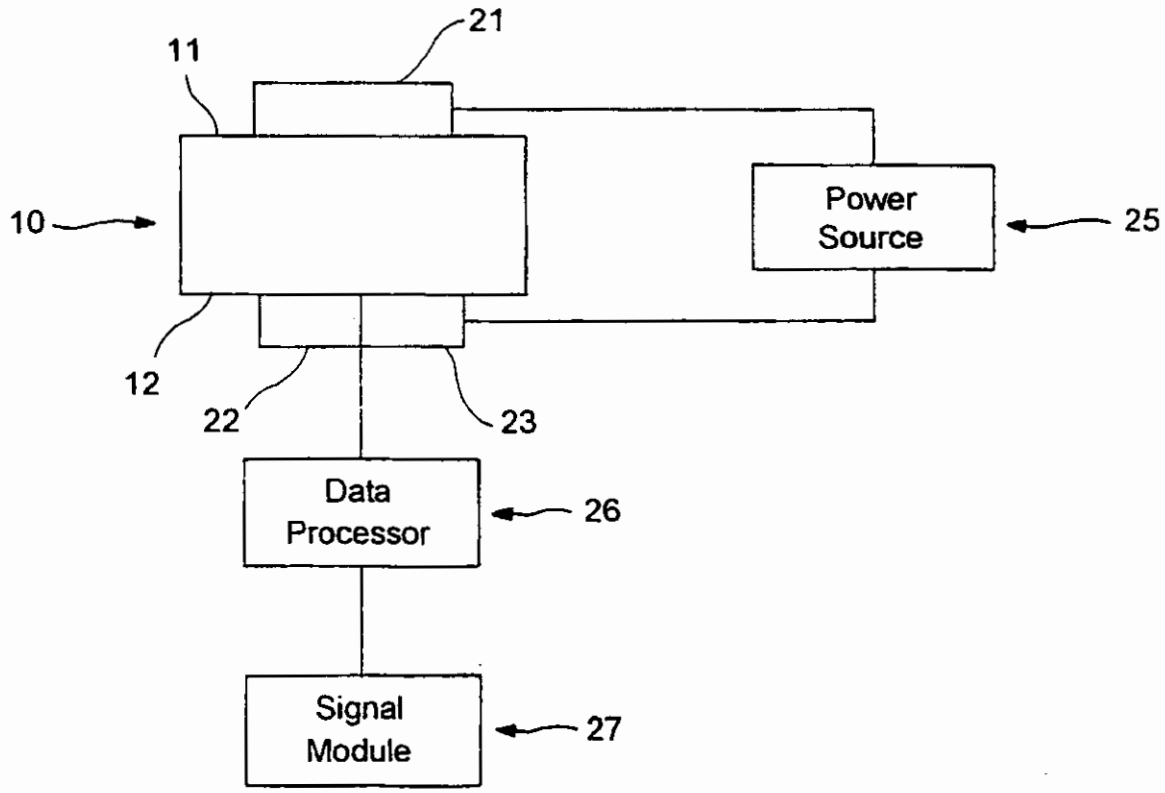

21
11
10
Power Source
25
12
22
23
Data Processor
26
Signal Module
27

FIG. 2

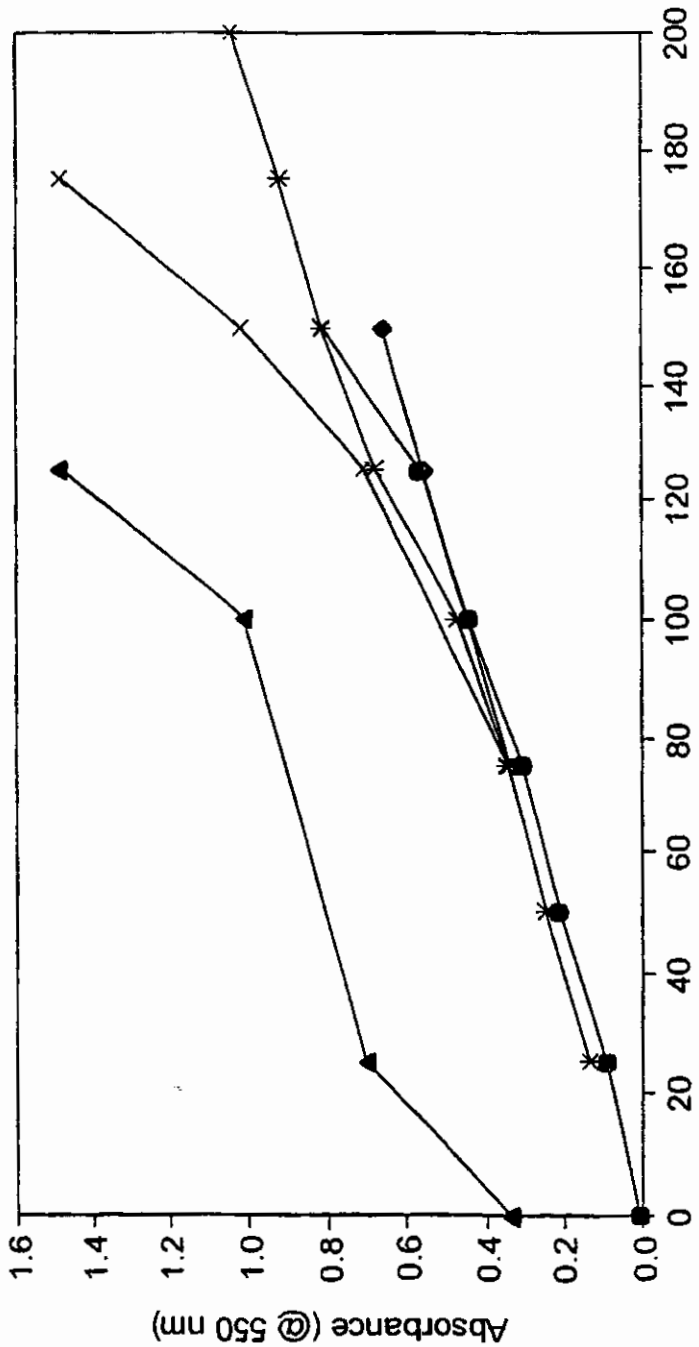

Absorbance (@ 550 nm)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0
20
40
60
80
100
120
140
160
180
200
Hours/10

FIG. 3

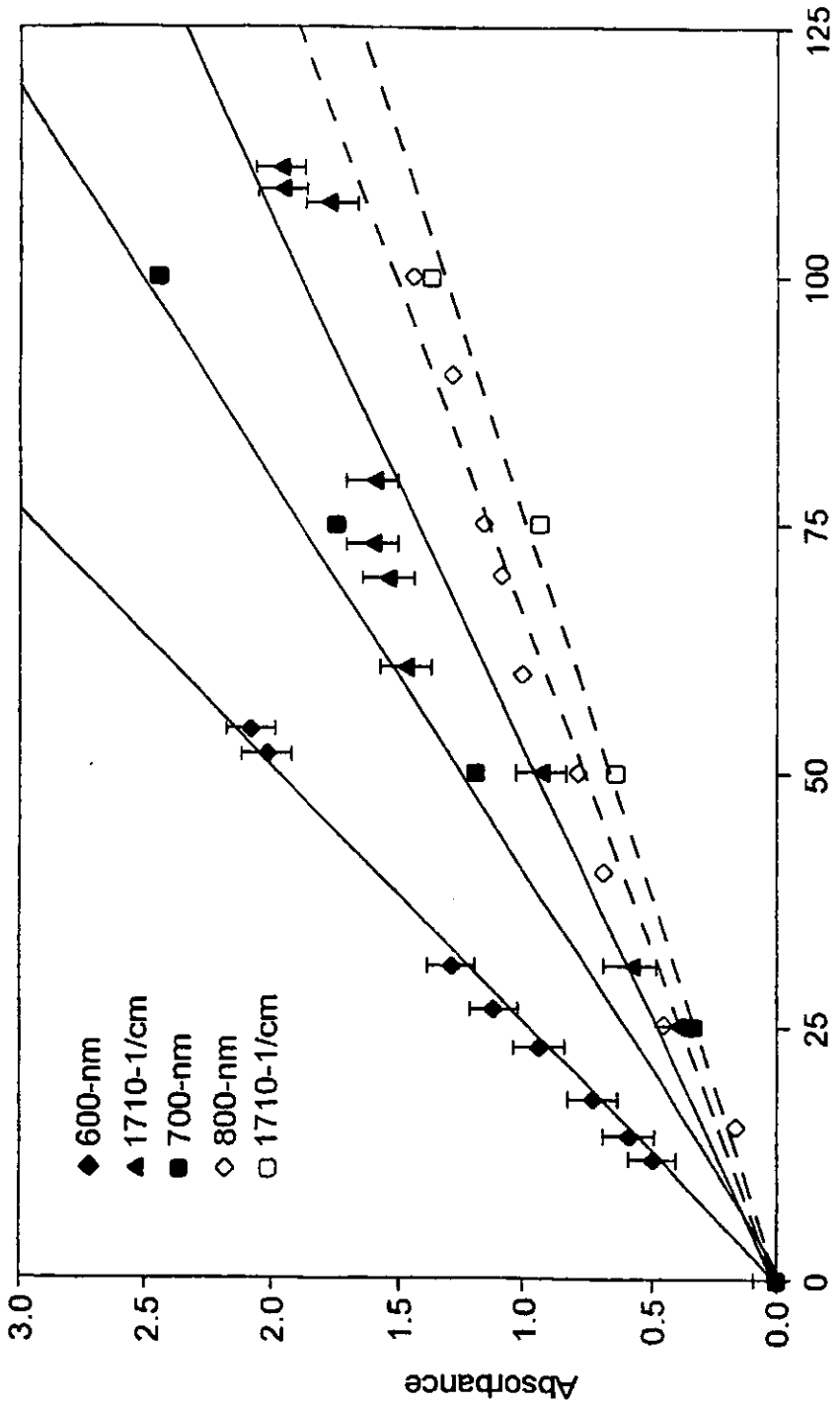

Absorbance
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
25
50
75
100
125
Hours/10
600-nm
1710-1/cm
700-nm
800-nm
1710-1/cm

FIG. 4

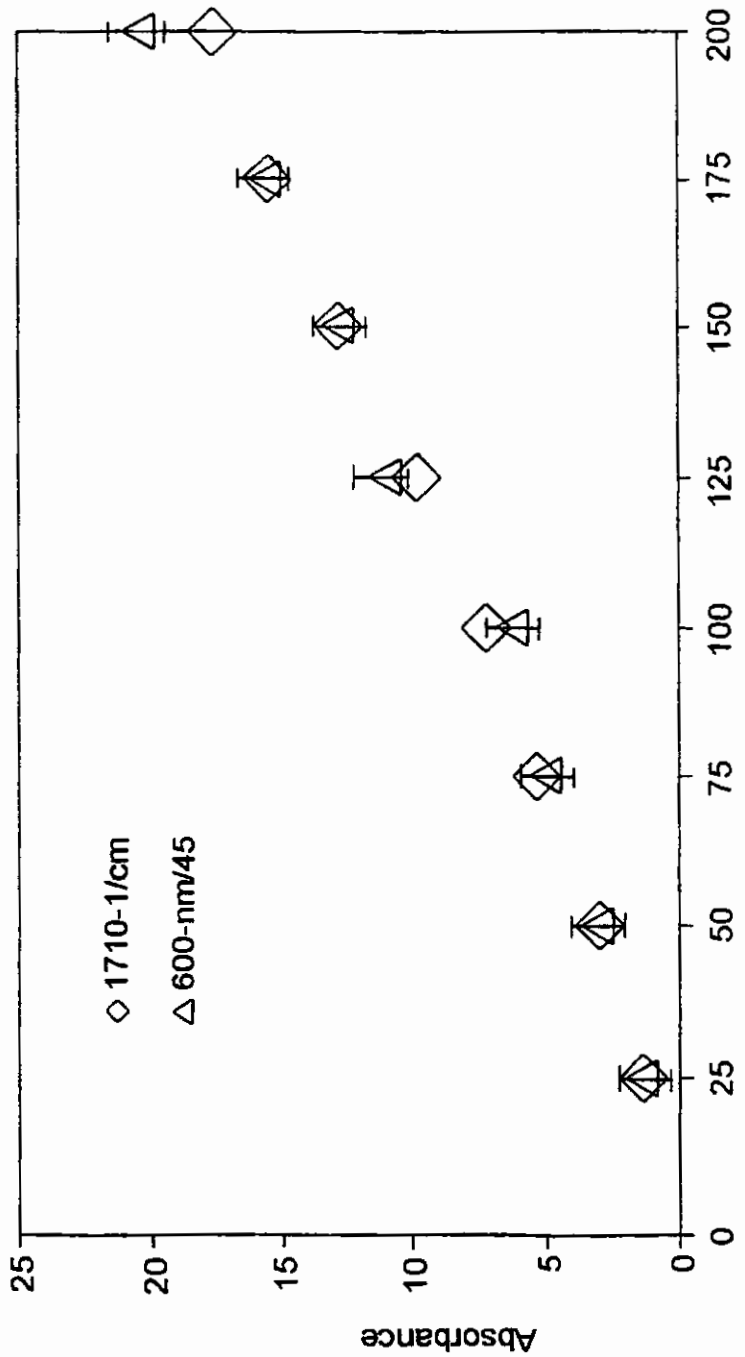

Absorbance
0
5
10
15
20
25
Hours/10
0
25
50
75
100
125
150
175
200
◇ 1710-1/cm
△ 600-nm/45

FIG. 5

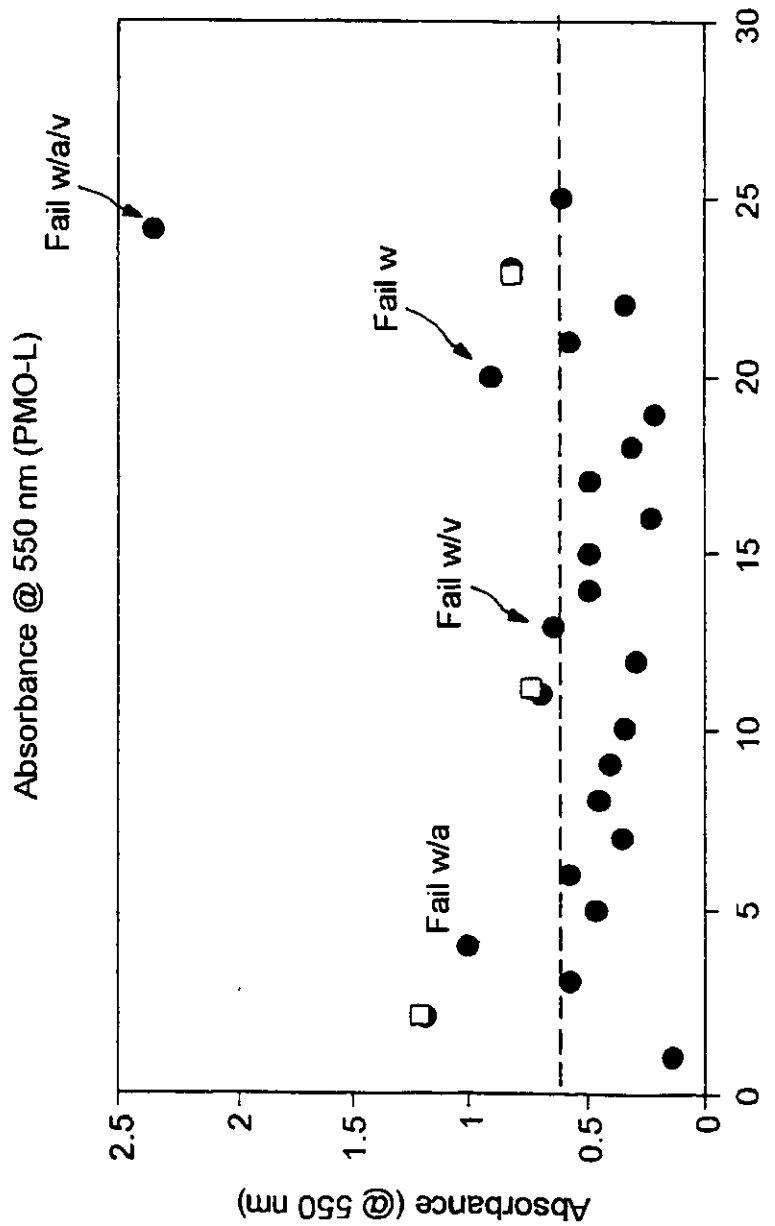

Absorbance @ 550 nm (PMO-L)
Fail w/a/v
Fail w
Fail w/v
Fail w/a
Sample Number
Absorbance (@ 550 nm)
0
5
10
15
20
25
30
0
0.5
1
1.5
2
2.5

FIG. 6

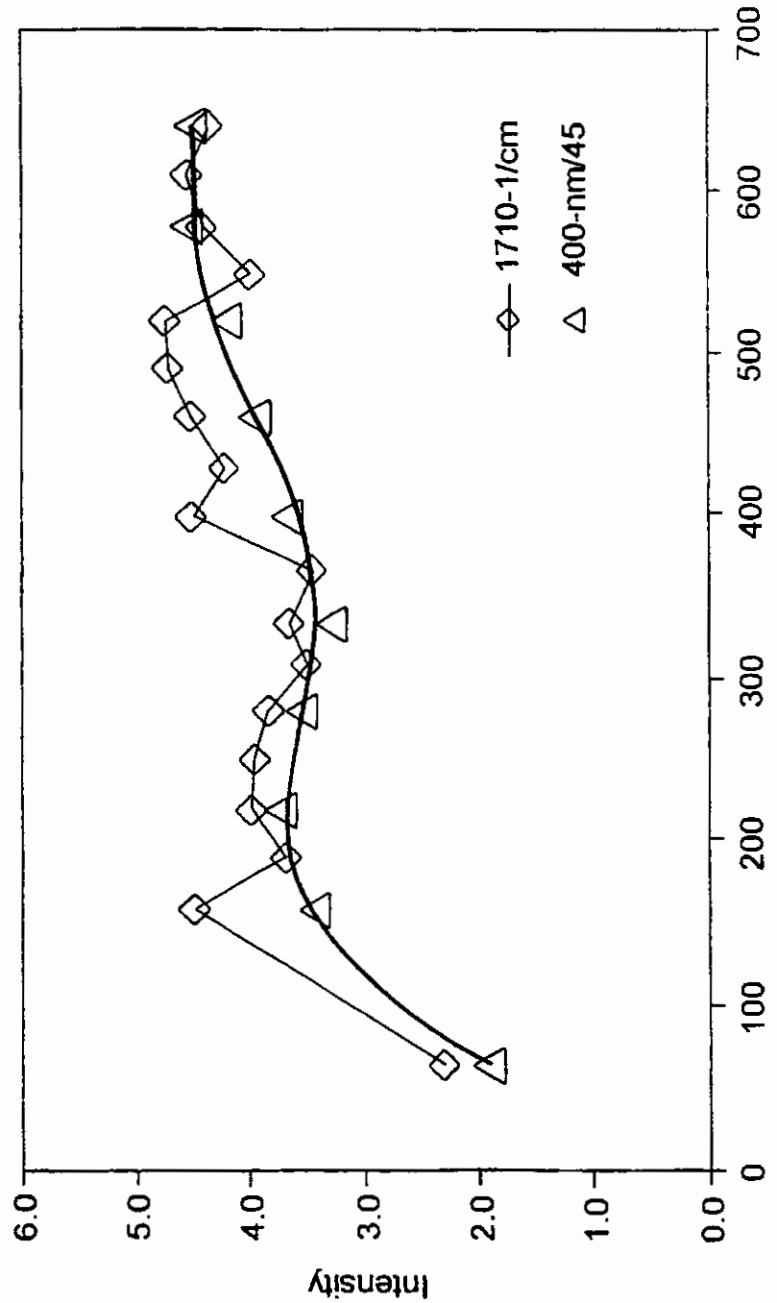

Intensity
6.0
5.0
4.0
3.0
2.0
1.0
0.0
0
100
200
300
400
500
600
700
Field Test Days
1710-1/cm
400-nm/45

FIG. 7

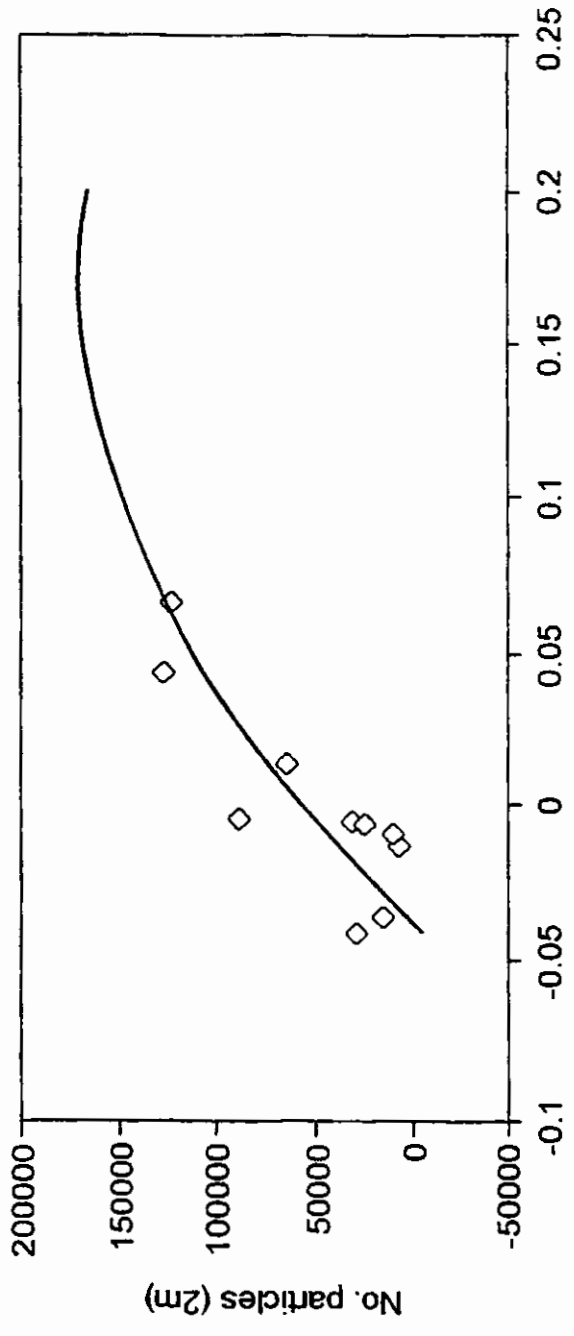

No. particles (2m)
200000
150000
100000
50000
0
-50000
-0.1
-0.05
0
0.05
0.1
0.15
0.2
0.25
abs 975
y = -4E+06x2 + 1E+06x + 56888
R2 = 0.7256

FIG. 8