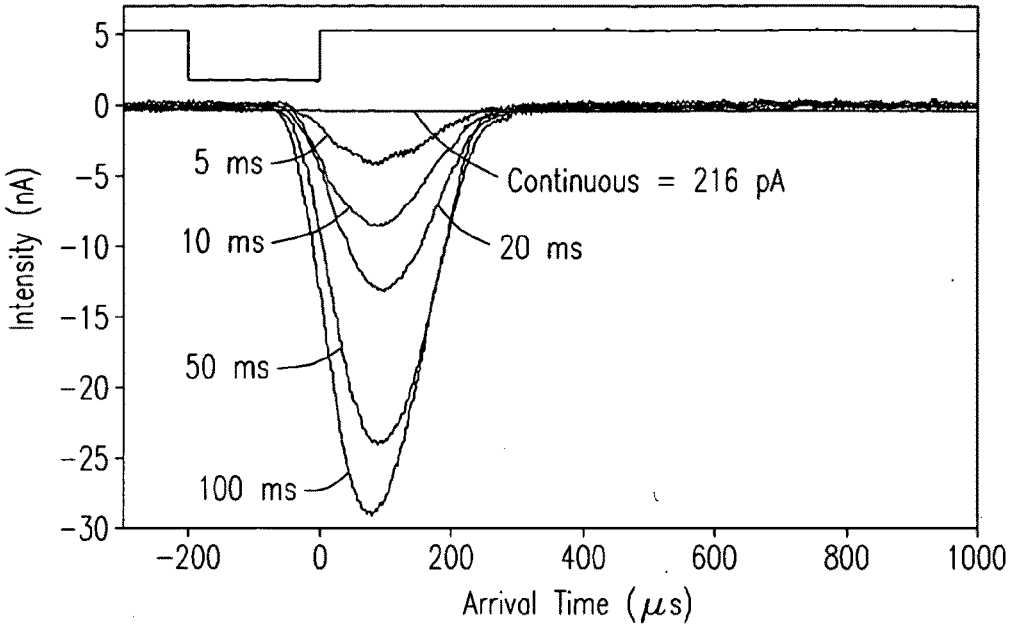
5
0
-5
-10
-15
-20
-25
-30
Intensity (nA)
5 ms
10 ms
50 ms
100 ms
Continuous = 216 pA
20 ms
-200
0
200
400
600
800
1000
Arrival Time (μs)

Fig. 8

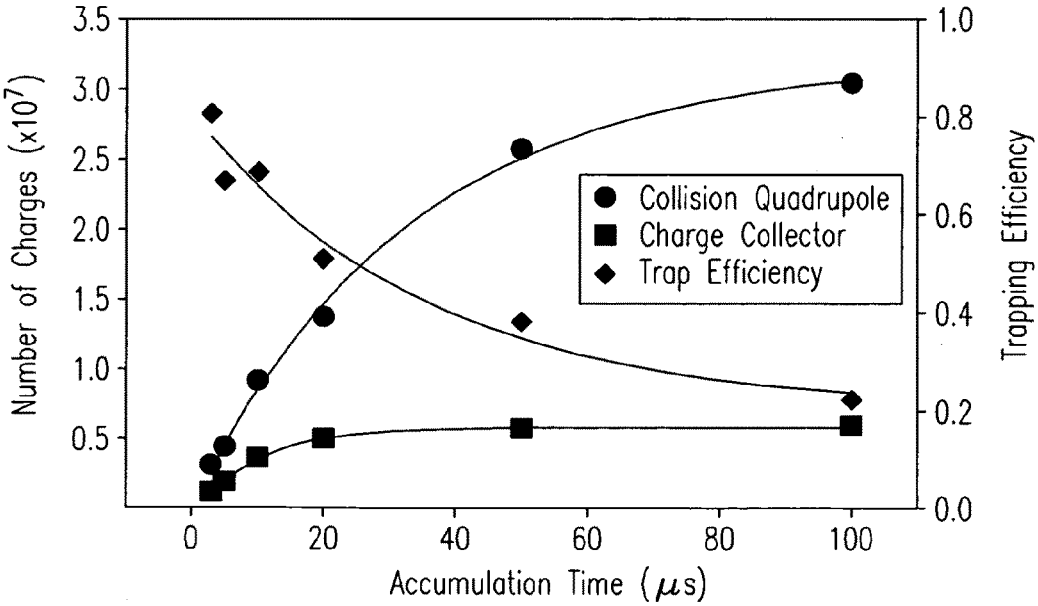
3.5
3.0
2.5
2.0
1.5
1.0
0.5
Number of Charges (x10^7)
1.0
0.8
0.6
0.4
0.2
0.0
Trapping Efficiency
Collision Quadrupole
Charge Collector
Trap Efficiency
0
20
40
60
80
100
Accumulation Time (μs)

Fig. 9