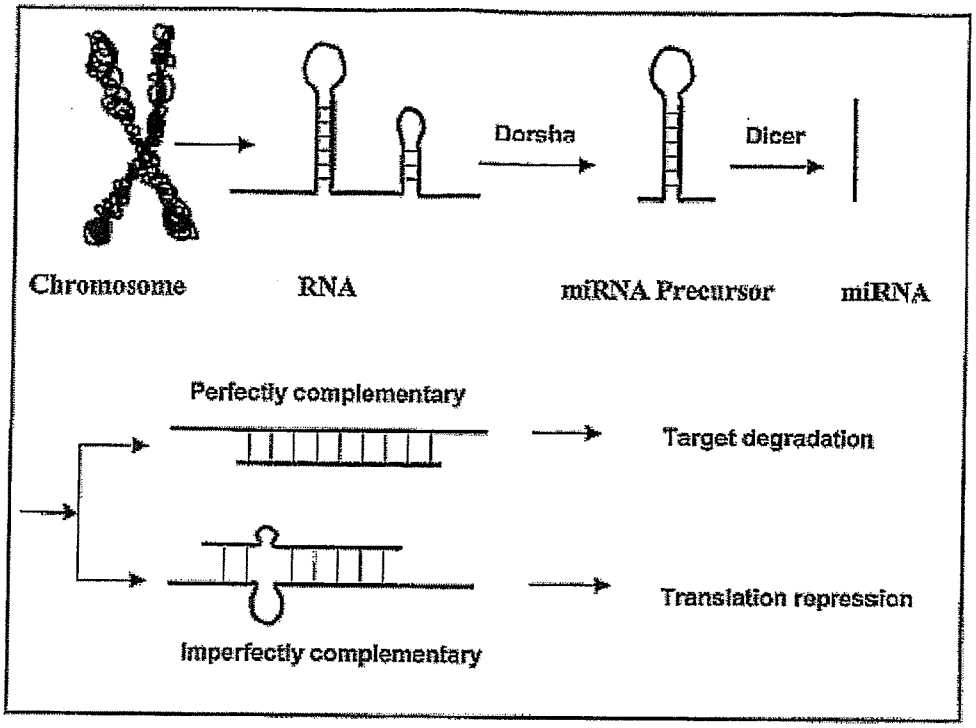

Dorsha
Dicer
Chromosome
RNA
miRNA Precursor
miRNA
Perfectly complementary
Target degradation
Translation repression
Imperfectly complementary

FIGURE 1

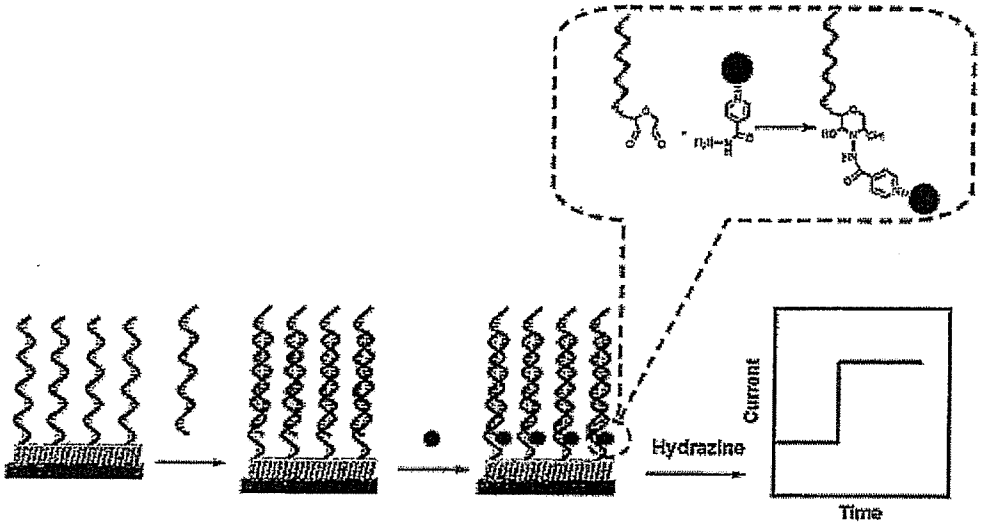


FIGURE 2

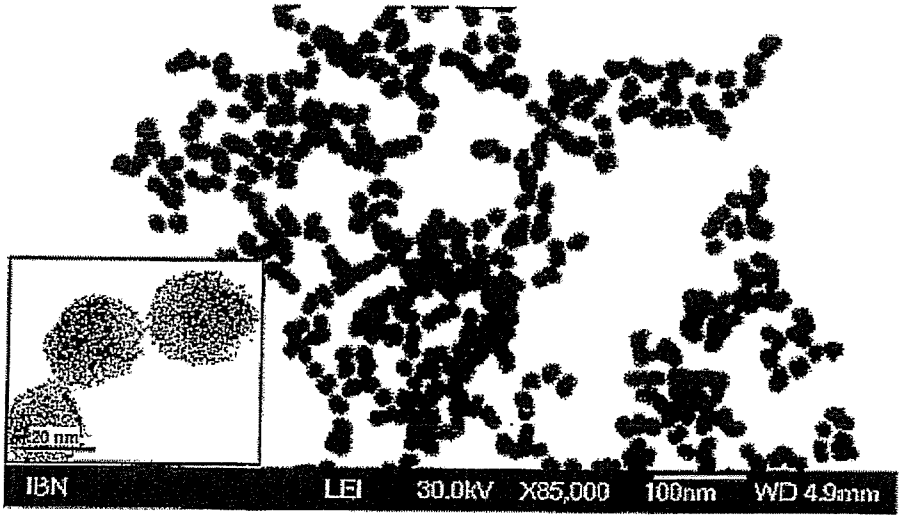


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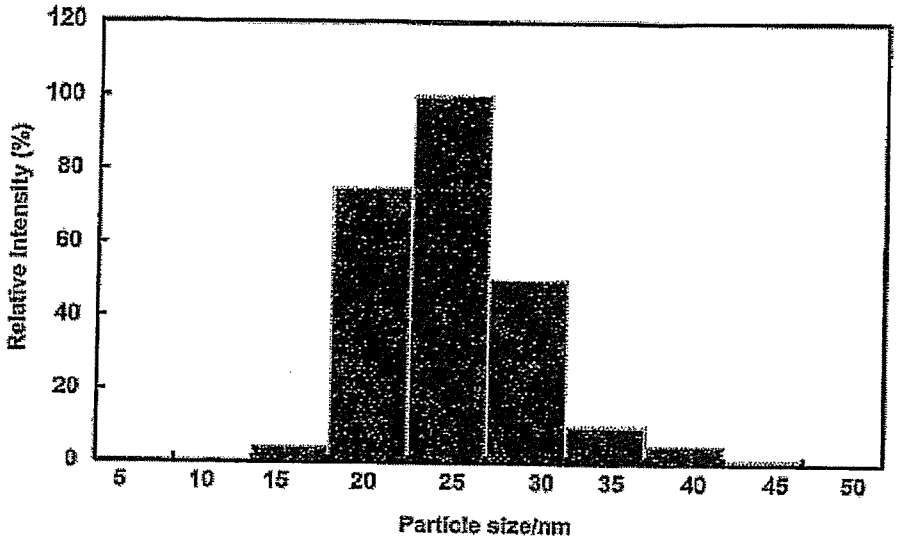


FIGURE 4

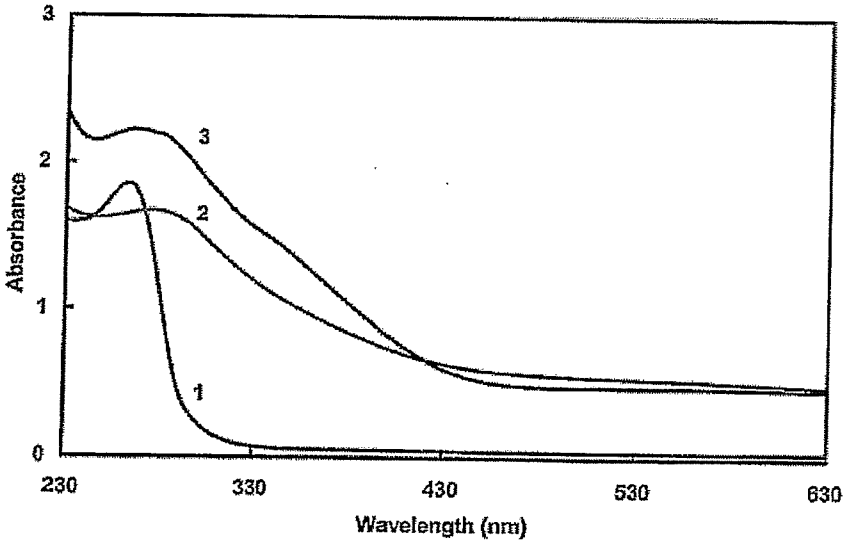


FIGURE 5

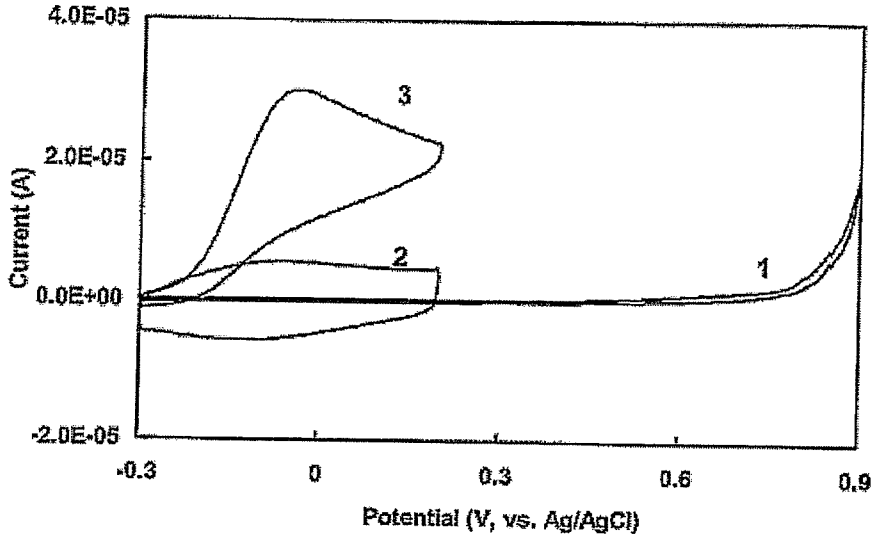


FIGURE 6

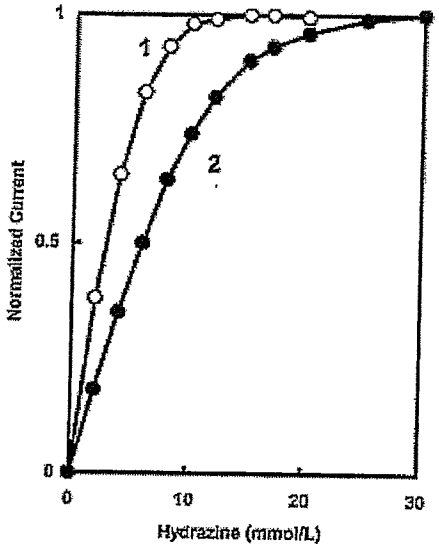


FIGURE 7

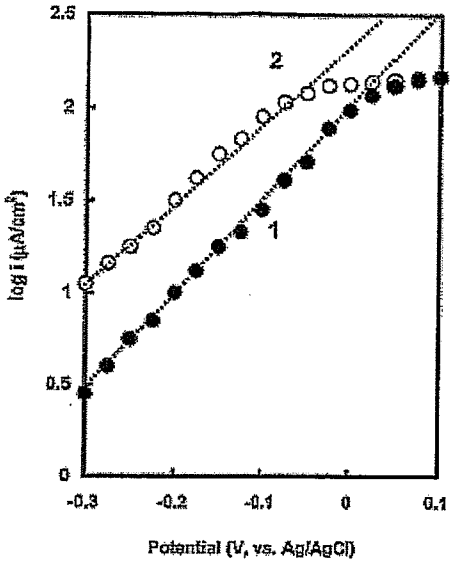


FIGURE 8

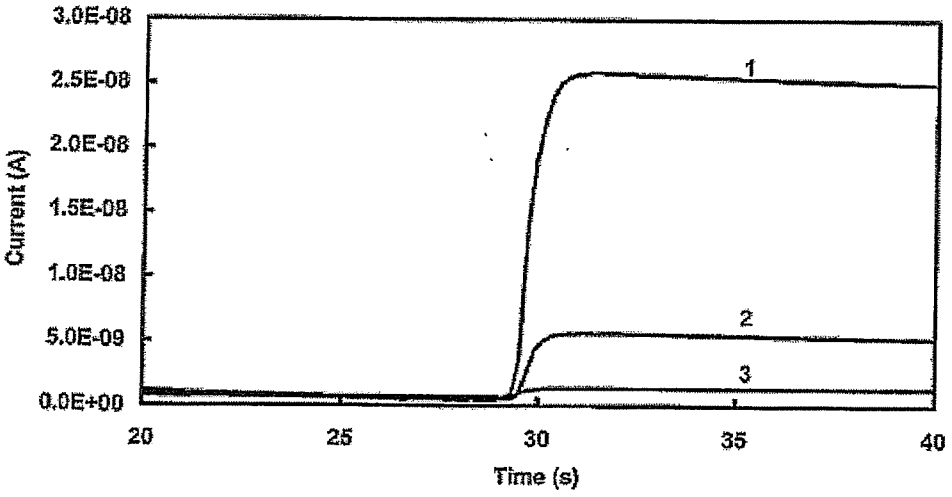


FIGURE 9

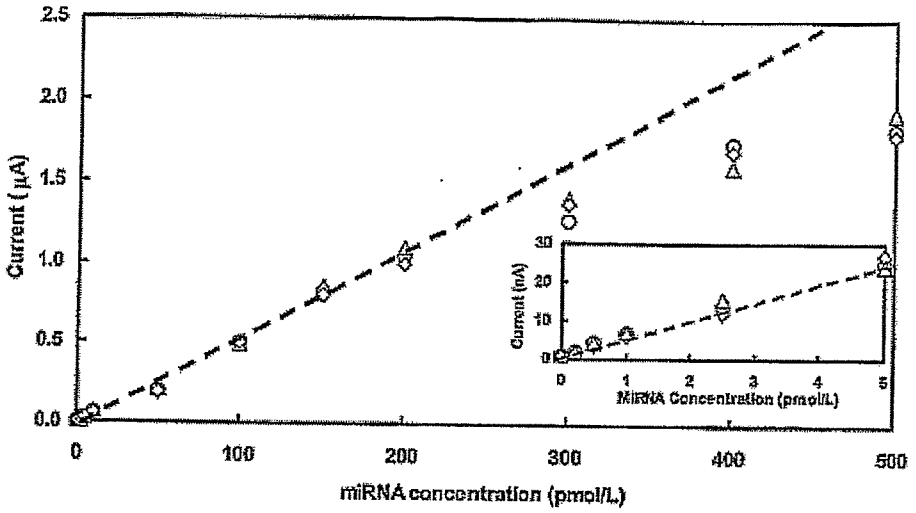

Current (μA)
2.5
2.0
1.5
1.0
0.5
0.0
0
100
200
300
400
500
miRNA concentration (pmol/L)
Current (nA)
30
20
10
0
0
1
2
3
4
5
MiRNA Concentration (pmol/L)

FIGURE 10