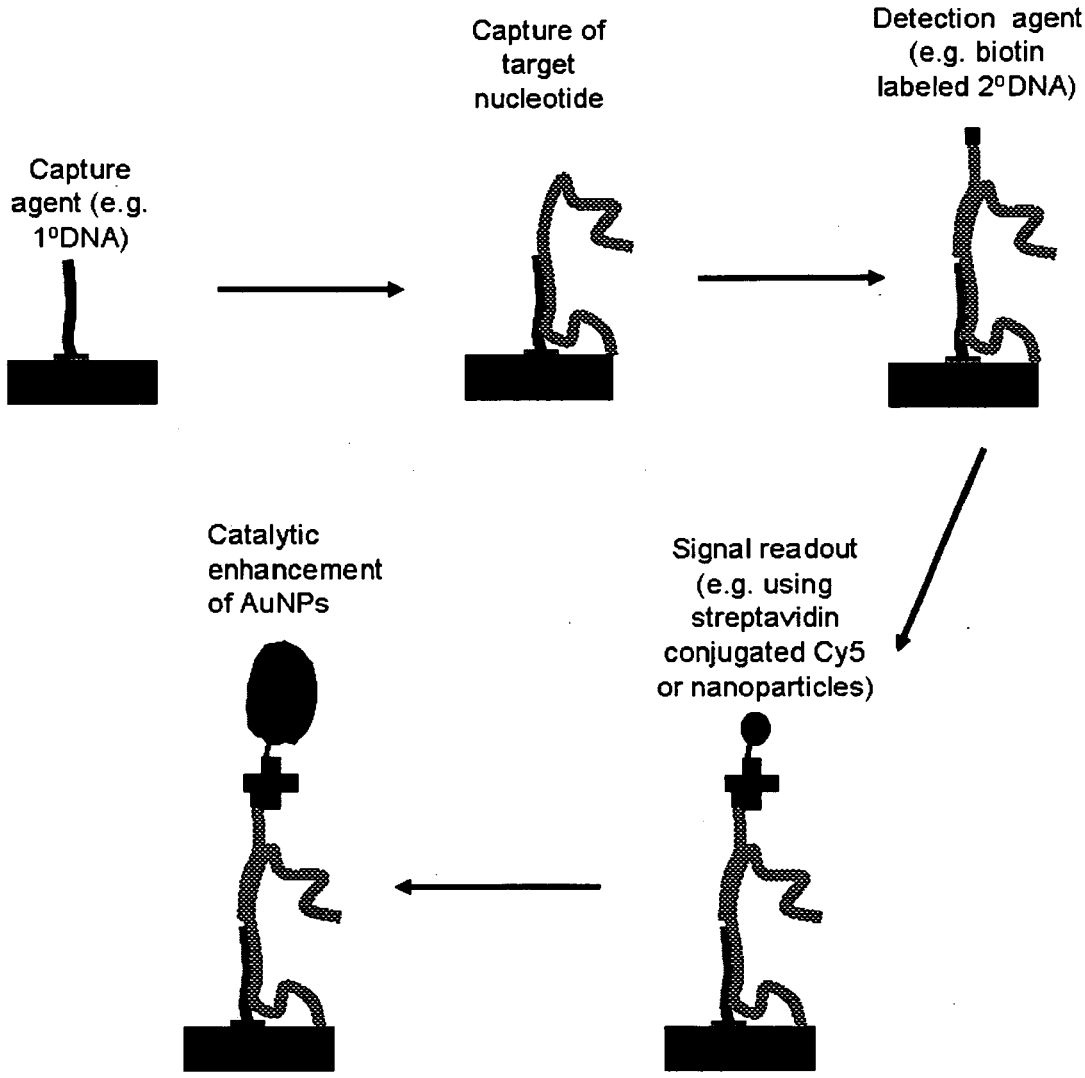
Capture agent (e.g. 1°DNA)
Capture of target nucleotide
Detection agent (e.g. biotin labeled 2°DNA)
Signal readout (e.g. using streptavidin conjugated Cy5 or nanoparticles)
Catalytic enhancement of AuNPs

FIG. 10