

## Supporting Information

### Electrochemical, Spectroscopic and Mass Spectrometric Studies of the Interaction of Silver Species with Polyamidoamine Dendrimers

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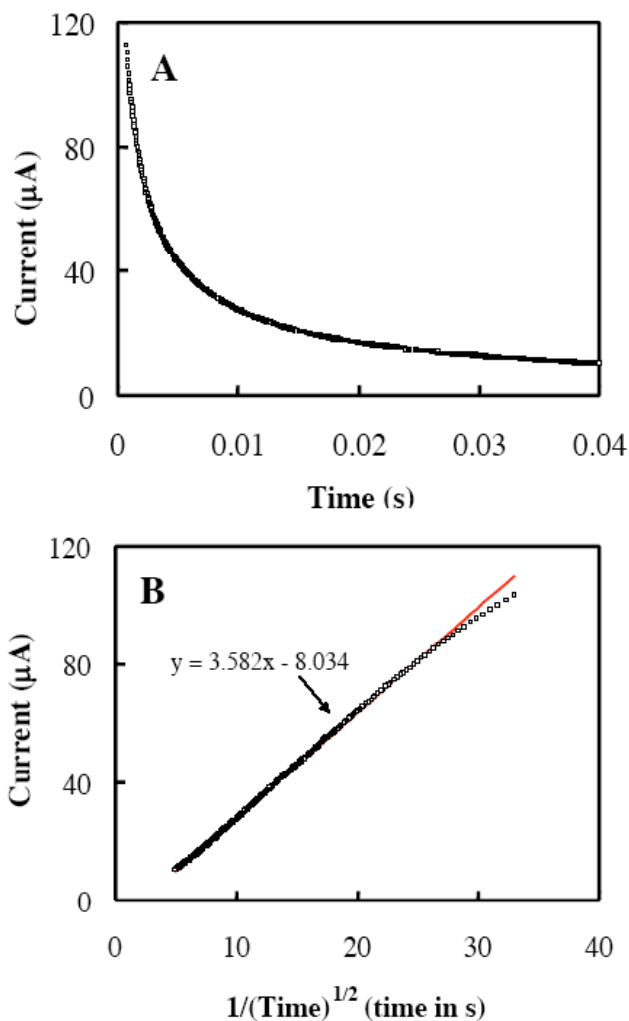


Fig. S1 (A) a typical current vs. time  $i$  vs.  $t$  curve for potential step (+ 0.35 to 0 V vs. SCE) experiment at an Au disk (radius  $\sim$  0.2 cm) in a 0.2 M  $\text{NaNO}_3$  solution containing 0.12 mM  $\text{Ag}^+$ . (B) the corresponding  $i$  vs.  $t^{-1/2}$  plot. Symbols: experimental data; line: linear regression line.

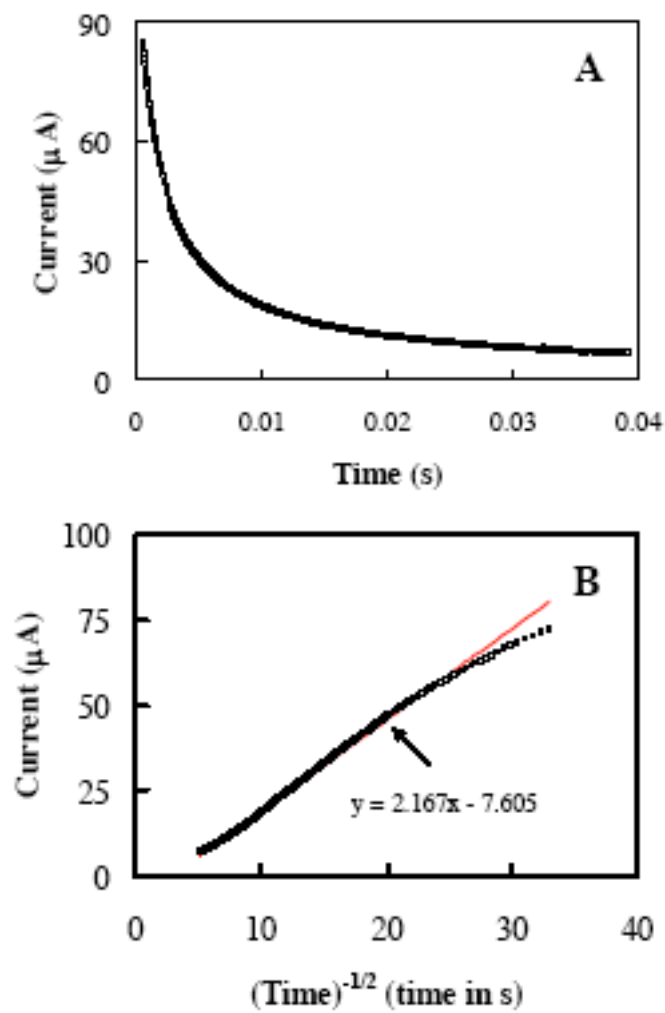


Fig. S2 (A) a typical current vs. time  $i$  vs.  $t$  curve for potential step (+ 0.35 to 0 V vs. SCE) experiment at an Au disk (radius  $\sim$  0.2 cm) in a 0.2 M  $\text{NaNO}_3$  solution containing 0.12 mM  $\text{Ag}^+$  and 0.1 mM PAMAMG1NH<sub>2</sub>. ( B) the corresponding  $i$  vs.  $t^{-1/2}$  plot. Symbols: experimental data; line: linear regression line.

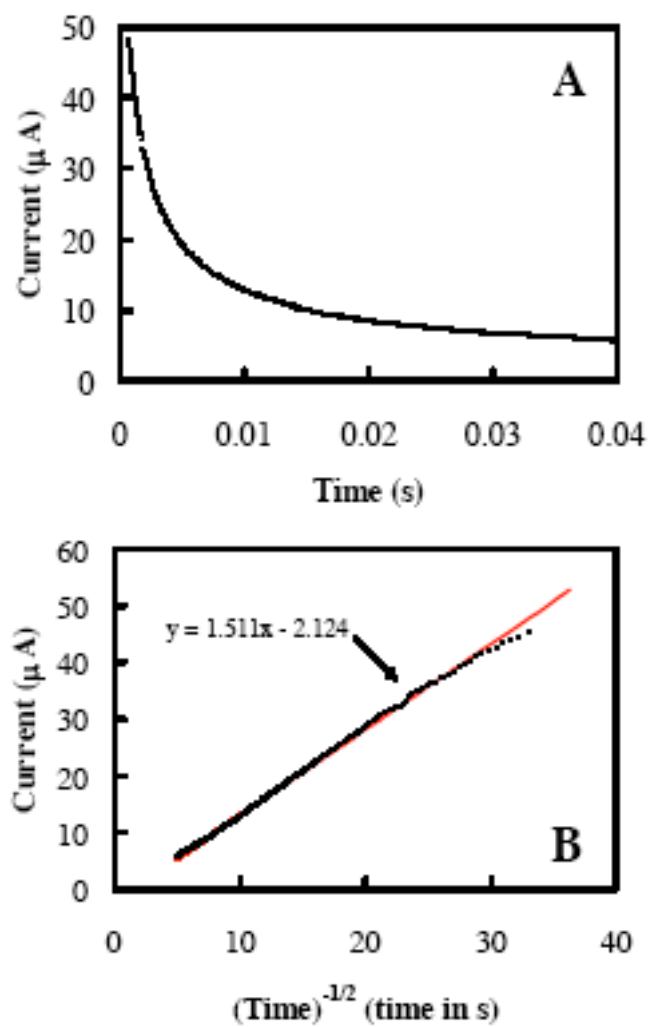


Fig. S3 (A) a typical current vs. time  $i$  vs.  $t$  curve for potential step (+ 0.35 to 0 V vs. SCE) experiment at an Au disk (radius  $\sim 0.2$  cm) in a 0.2 M  $\text{NaNO}_3$  solution containing 0.12 mM  $\text{Ag}^+$  and 0.1 mM PAMAMG2OH. (B) the corresponding  $i$  vs.  $t^{-1/2}$  plot.