micromachines

# Supplementary Materials:

# Design and Electrochemical Characterization of Spiral Electrochemical Notification Coupled Electrode (SENCE) Platform for Biosensing Application

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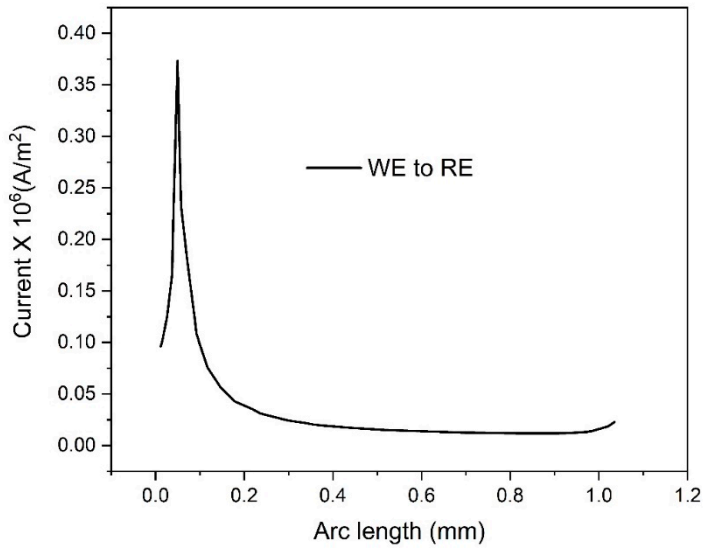


**Figure 1.** The current profile from working electrode to reference electrode. WE: working electrode; RE: reference electrode.

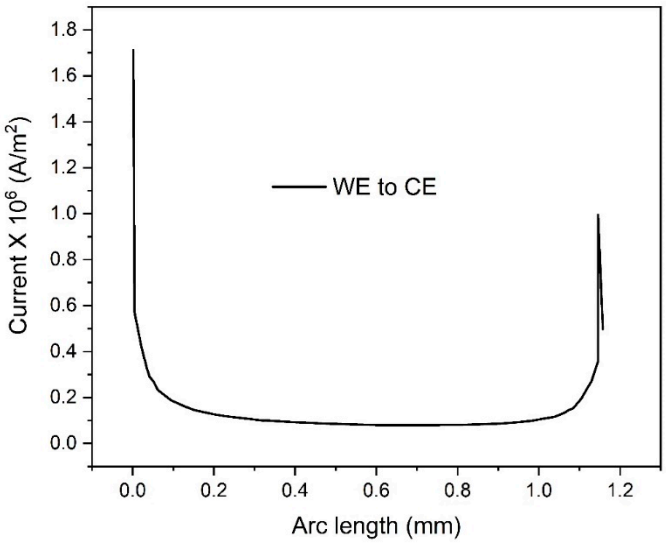


**Figure S2.** The current profile from working electrode to counter electrode. CE: counter electrode.

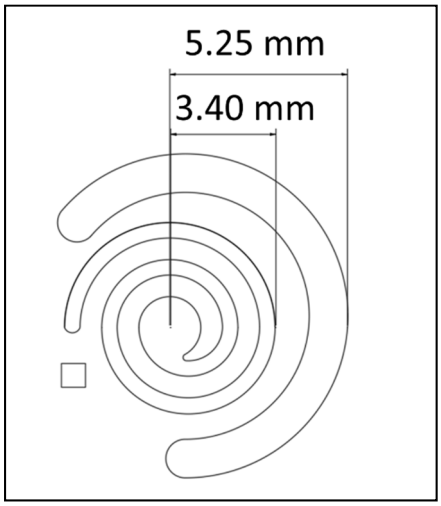


**Figure S3.** Raw design of the Spiral electrochemical notification coupled electrode.

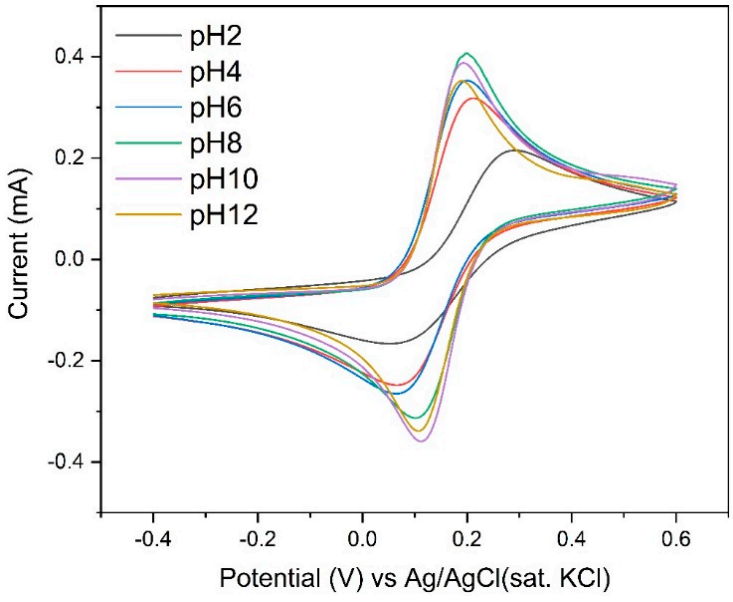

**Figure S4.** Cyclic voltammetry of Fe(II)/Fe(III) in different pH, showing the sensor is very much stable in pH variation.

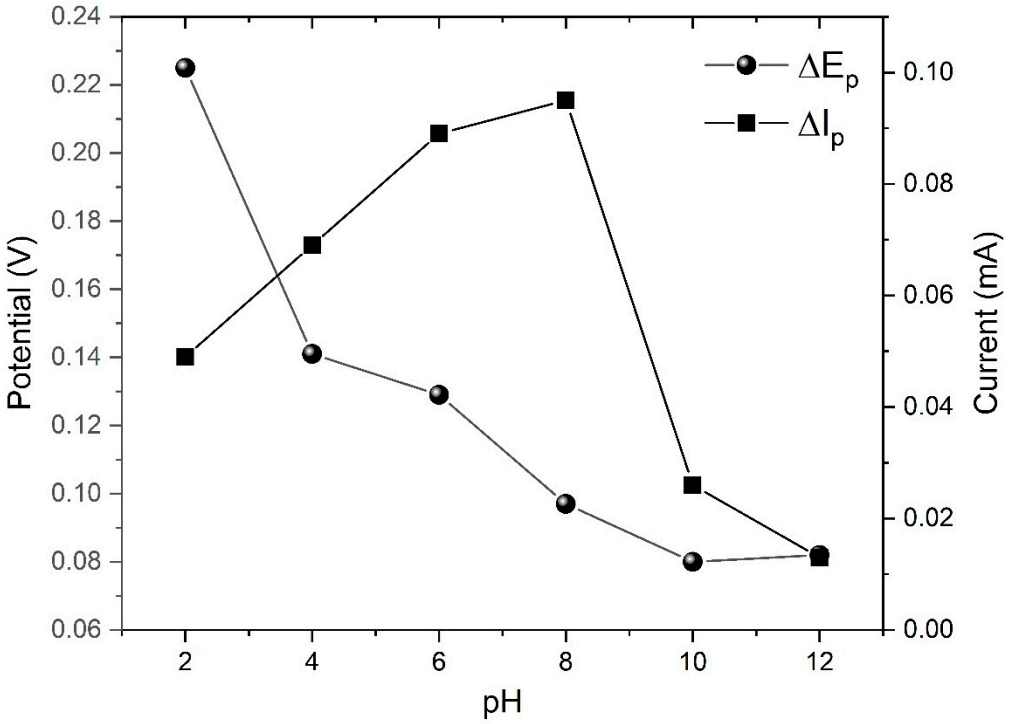


**Figure S5.** Plot of peak potential separation and peak current difference showing the sensor is very sensitive towards pH.