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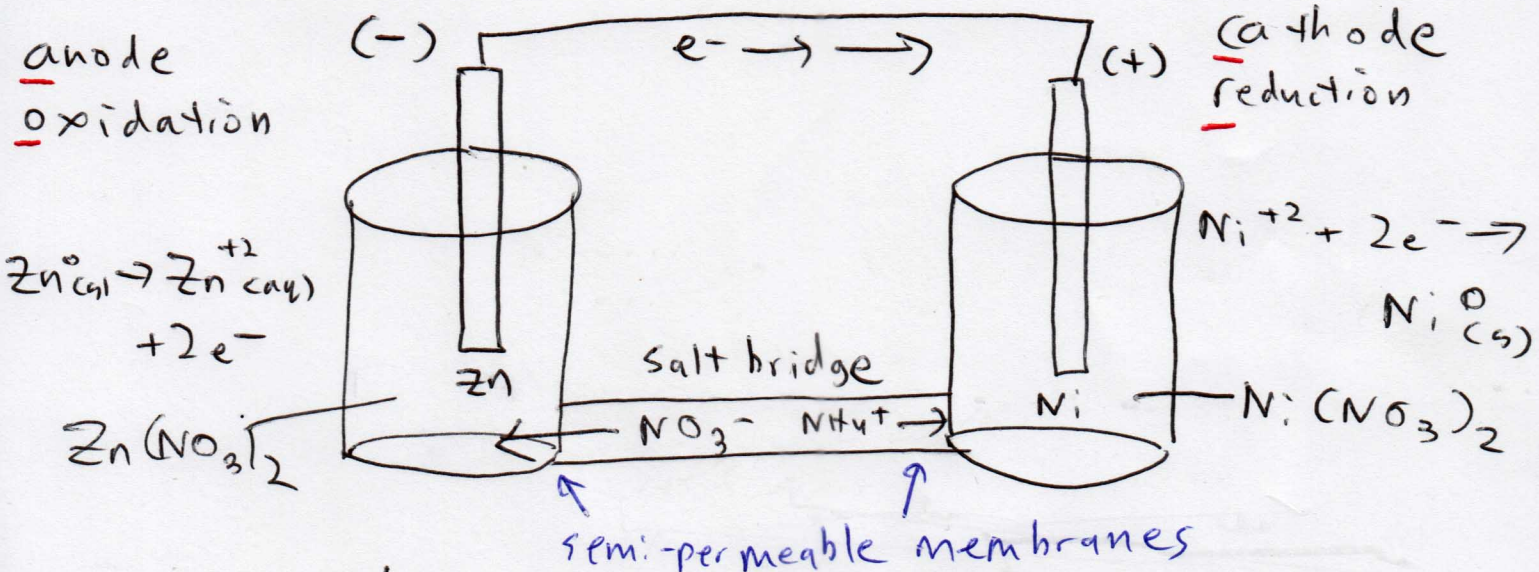
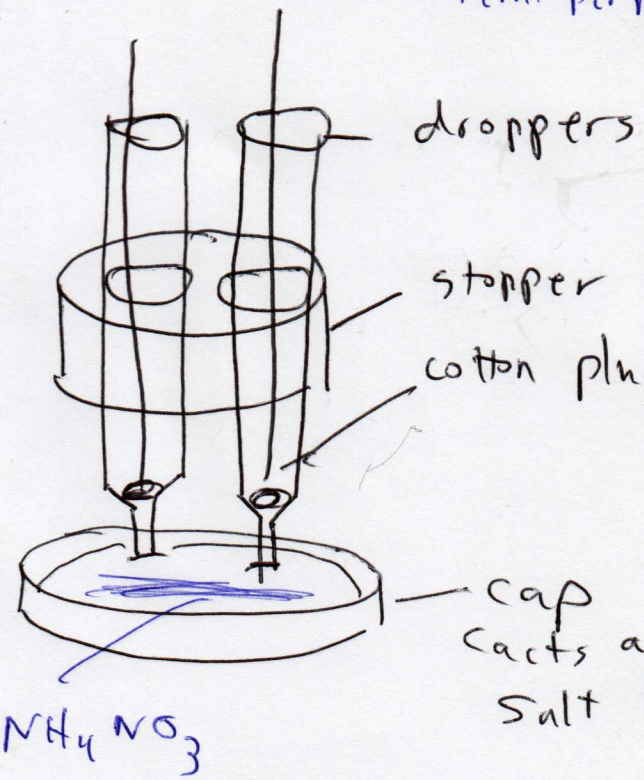
$Zn_{(s)} + Ni(NO_3)_{2(aq)} \longrightarrow Ni_{(s)} + Zn^{+2}(NO_3)_{2(aq)}$

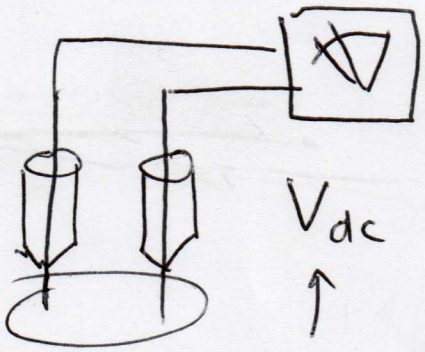
O.S.: 0 to +2 → oxidation

O.S.: +2 → 0 → reduction

redox: reduction - oxidation rxn







$\underset{\text{anode}}{Cu \mid Cu^{+2}} \parallel \underset{\text{cathode}}{Ag^+ \mid Ag}$