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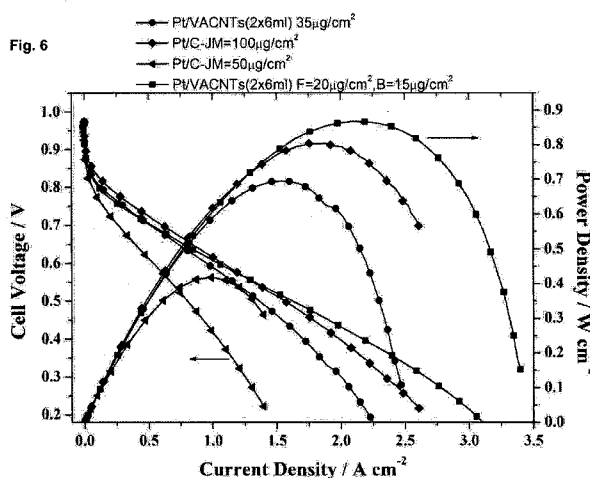
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(54) Title: MEMBRANE ELECTRODE ASSEMBLY AND METHOD OF FORMING THE SAME



(57) Abstract: The present invention relates to a membrane electrode assembly comprising alternating layers of vertically aligned carbon nanotubes and ionomer membrane. The membrane electrode assembly comprises two or more layers of vertically aligned carbon nanotubes. The vertically aligned carbon nanotubes have nanoparticles immobilized thereon, which comprise platinum.