

Phosgene-Free Method for Diphenyl Carbonate Synthesis at the Pd<sup>0</sup>/Ketjenblack Anode

Toru Murayama, Tomohiko Hayashi, Ryoichi Kanega, Ichiro Yamanaka\*

Department of Applied Chemistry, Graduate School of Science and Engineering, Tokyo  
Institute of Technology, 2-12-1-S1-16 Ookayama, Meguro-ku, Tokyo 1528552, Japan.

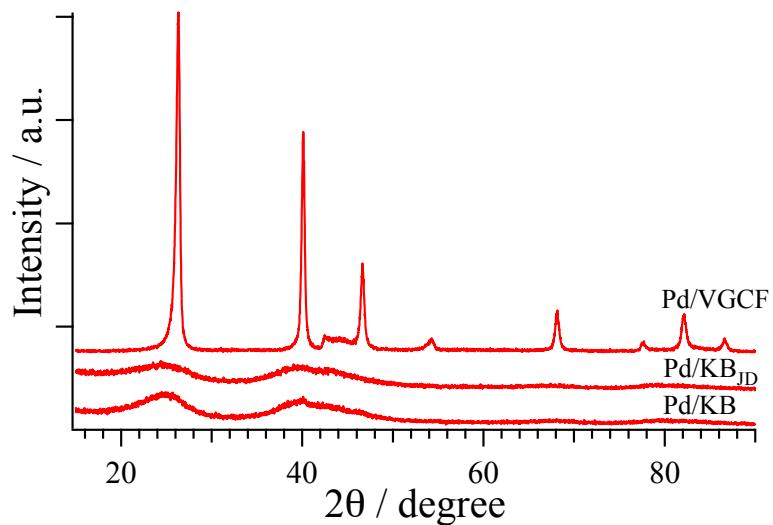


Figure S1a. XRD spectra of Pd/KB(573), Pd/KB<sub>JD</sub> (573) and Pd/VGCF(573).

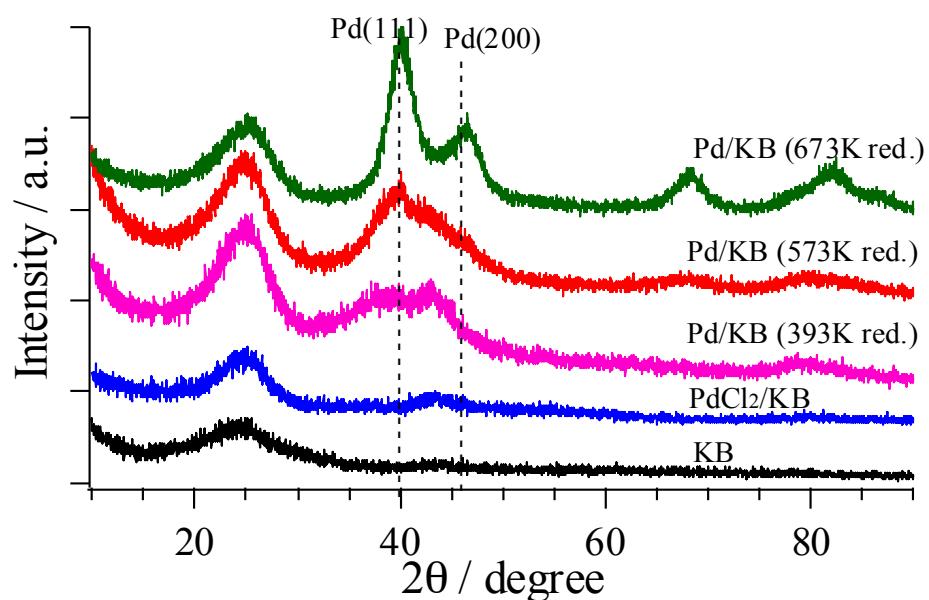


Figure S1b. XRD spectra of KB, PdCl<sub>2</sub>/KB, Pd/KB(393), Pd/KB(573) and Pd/KB(673).

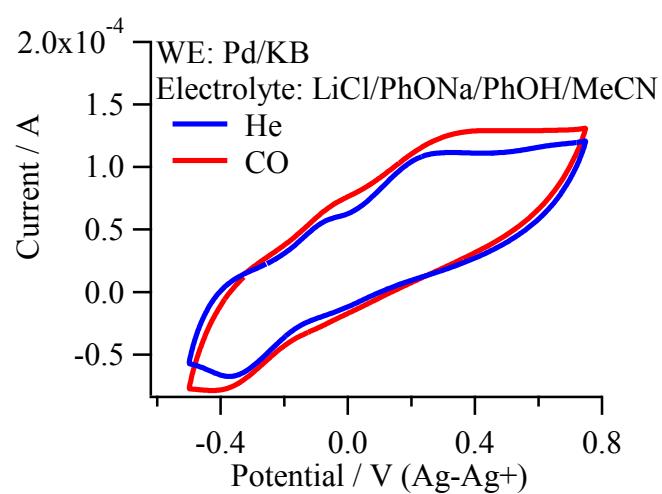


Figure S2. Cyclic voltammogram at Pd/KB-GC electrode in He and CO.