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To the Director of the U.S. Patent and Trademi  1. Name of conveying party(ies): Sang-hoon JOO Chan-ho PAK  2. Name and Address of receiving party(ies): SAMSUNG SDI CO., LTD. 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea  3. Nature of conveyance:  X Assignment				
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Suwon-s, Gyeon Republic of Korea  3. Nature of conveyance:  X Assignment		Sang-hoon JOO		( (
X Assignment Security Agreement Change of Name Security Agreement Cher: Execution Date(s): June 2, 2006  4. Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: June 2, 2006 (b) The title is: MESOPOROUS CARBON, MANUFACTURING METHOD THEREOF, A FUEL CELL USING THE MESOPOROUS CARBON OR  This document is being filed after filing of the application: (a) Patent Application No(s). Not yet assigned, filed June 2, 2006; or (b) Patent No(s). , issued .  5. Name and address of party to whom correspondence concerning document should be maile STEIN, MCEWEN & BUI, LLP Our Docket: 0024.1044  Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300  Washington, D.C. 20005  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)	2.	SAMSUNG SDI CO., LTD. 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do	arty(ies):	1.00 6.00 6.00 6.00
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STEIN, MCEWEN & BUI, LLP Attention: Michael D. Stein 1400 Eye St., N.W., Suite 300 Washington, D.C. 20005  6. Total number of applications and patents involved:1  7. Total fee (37 CFR 3.41)	4.	This document is being filed to  (a) The execution date(s) of th  (b) The title is: MESOPOROU  FUEL CELL US  OR  This document is being filed at  (a) Patent Application No(s).	ogether with a new application: the application is/are: June 2, 200 US CARBON, MANUFACTURING SING THE MESOPOROUS CAR fter filing of the application:	G METHOD THEREOF, AND BON
7. Total fee (37 CFR 3.41)	5.	STEIN, MCEWEN & BUI, LLP Attention: <u>Michael D. Stein</u> 1400 Eye St., N.W., Suite 300	•	
Enclosed Authorized to be charged to Deposit Account No. 503333.  8. Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Depos Account) (Attach duplicate copy of this page if paying by deposit account)  /2006 HVU0N61 00000066 11445235  #8021  Michael D. Stein, Reg. No. 37,240 Name of Person Signing  Total number of pages including cover she	6.	Total number of applications and p	patents involved:1	
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## U.S. ASSIGNMENT

SMB 12/04

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

Samsung SDI Co., Ltd. 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

## (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby selfs, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled MESOPOROUS CARBON, MANUFACTURING METHOD THEREOF, AND FUEL CELL USING THE MESOPOROUS CARBON relating to international Patent Application PCT/JP and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on 1: (insert data of execution of application, if not concurrent) Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye St., N.W., Suite 300, Weshington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known. (b) filed on . Serial No. Not yet assigned; and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renews), substitute, relesses or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may dearn necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, release, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such sets to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing swom testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s), (Typed Name & Signature of inventor(s)) (Date) (Typed Name & Signature of Witness(ss)) 2 June 2006

PATENT REEL: 017965 FRAME: 0572

RECORDED: 06/02/2006