


Client Code: SDIYOU.310AUS

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Sang-IL HAN 2. Kah-Young SONG 3. Hee-Tak KIM 4. Sung-Yong CHO 5. Tae-Yoon KIM 6. Myoung-Ki MIN 7. Geun-Seok CHAI</p> <p>Additional name(s) of conveying party(ies) attached? () Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Samsung SDI Co., Ltd. Address: 428-5, Gongse-dong, Giheung-gu City: Yongin-si, Gyeonggi-do Country: Republic of Korea</p> <p>Additional name(s) of receiving party(ies) attached? () Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. December 23, 2011 2. December 23, 2011 3. December 23, 2011 4. December 23, 2011 5. December 23, 2011 6. December 23, 2011 7. December 23, 2011</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 13/339,732 Filing Date: December 29, 2011</p> <p>Additional numbers attached? () Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: SDIYOU.310AUS</p>	<p>6. Total number of applications and patents involved: one</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Jason Jardine</u> Name of Person Signing</p> <p> Signature</p> <p>December 29, 2011 Date</p> <p>Registration No. 61,805</p> <p>Total number of pages including cover sheet, attachments and document: 5</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

PATENT

Client Code: SDIYOU.310AUS / OPP20092791US /G08847

Page 1

ASSIGNMENT

WHEREAS, I, the undersigned, have invented certain new and useful improvements in a ELECTRODE FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL SYSTEM INCLUDING SAME, the specification of which was executed on even date herewith.

AND WHEREAS, Samsung SDI Co., Ltd., (hereinafter "ASSIGNEE"), with its principal place of business at 428-5, Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date: Dec. 23, 2011

Signature: HAN, Sang-II

Name: HAN, Sang-II
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: Dec. 23, 2011

Signature: SONG, Kah-Young

Name: SONG, Kah-Young
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

PATENT

Client Code: SDIYOU.309AUS / OPP20103845US /G09497

Page 2

Date: Dec. 23, 2011

Signature: Kim, Hee-Tak

Name: KIM, Hee-Tak
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu.
Yongin-si, Gyeonggi-do, Republic of Korea

Date: Dec. 23, 2011

Signature: CHO, Sung-Yong

Name: CHO, Sung-Yong
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu.
Yongin-si, Gyeonggi-do, Republic of Korea

Date: Dec. 23, 2011

Signature: Kim, Tae-Yoon

Name: KIM, Tae-Yoon
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu.
Yongin-si, Gyeonggi-do, Republic of Korea

Date: Dec. 23, 2011

Signature: MIN, Myoung-Ki

Name: MIN, Myoung-Ki
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu.
Yongin-si, Gyeonggi-do, Republic of Korea

Date: _____

Signature: _____

Name: CHAI, Geun-Seok
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu.
Yongin-si, Gyeonggi-do, Republic of Korea

11862441:090611/JADE

PATENT

Client Code: SDIYOU.310AUS / OPP20092791US /G08847

Page 1

ASSIGNMENT

WHEREAS, I, the undersigned, have invented certain new and useful improvements in a
ELECTRODE FOR FUEL CELL, AND MEMBRANE-ELECTRODE ASSEMBLY AND FUEL CELL
SYSTEM INCLUDING SAME

, the specification of which was executed on even date herewith.

AND WHEREAS, Samsung SDI Co., Ltd., (hereinafter "ASSIGNEE"), with its principal place of
business at 428-5, Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, desires to
acquire the entire right, title, and interest in and to the said improvements with respect to the United States of
America, its territories and possessions.

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby
acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over,
and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal
representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said
improvements, and the said application and all provisional applications relating thereto, and all divisions,
renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and
all reissues and extensions thereof, and all rights of priority under International Conventions and applications for
Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the
United States, and all Letters Patent which may be granted for said improvements in any country or countries
foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request
the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the
United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said
improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the
terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors,
legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal
proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful
oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and
assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date: _____

Signature: _____

Name: Sang-II HANAddress : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

PATENT

REEL: 027504 FRAME: 0878

PATENT

Client Code: SDIYOU.310AUS / OPP20092791US /G08847

Page 2

Date: _____

Signature: _____

Name: Kah-Young SONG
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: _____

Signature: _____

Name: Hee-Tak KIM
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: _____

Signature: _____

Name: Sung-Yong CHO
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: _____

Signature: _____

Name: Tae-Yoon KIM
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: _____

Signature: _____

Name: Myoung-Ki MIN
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: Dec. 23, 2011

Signature: Geun-Seok CHAI

Name: Geun-Seok CHAI
Address : 428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea