

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Young Woo Choi	10/26/2010
Mi-Soon Lee	10/26/2010
Chang Soo Kim	10/26/2010
Gu Gon Park	10/26/2010
Seok Hee Park	10/26/2010
Sung Dae Lim	10/26/2010
Tae Hyun Yang	10/26/2010
Young Gi Yoon	10/26/2010
Min Jin Kim	10/26/2010
Kyoung Youn Kim	10/29/2010
Young Jun Sohn	10/26/2010
Won Yong Lee	10/27/2010

RECEIVING PARTY DATA

Name:	Korea Institute of Energy Research
Street Address:	71-2, Jang-dong, Yuseong-gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-343

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12935257

CORRESPONDENCE DATA

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CH \$40.00 12935257

501348897

**PATENT
 REEL: 025357 FRAME: 0531**

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ATTORNEY DOCKET NUMBER: 87247(307107)

NAME OF SUBMITTER: Kongsik Kim

Total Attachments: 5
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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 29th day of October, 2010, by Young Woo Choi; Mi-Soon Lee; Chang Soo Kim; Gu Gon Park; Seok Hee Park; Sung Dae Lim; Tae Hyun Yang; Young Gi Yoon; Min Jin Kim; Kyoung Youn Kim; Young Jun Sohn; and Won Yong Lee (hereinafter referred to as Assignors), residing at #204-602, Beautiful Days Apt., Bokdae 1-dong, Heunduck-gu, Cheongju, Chungcheongbuk-Do, REPUBLIC OF KOREA 361-271; Art Billa #204, 140-9, Sinseong-dong, Yuseong-gu, Daejeon, Republic of Korea; 6/5, #24, Jeon-dong, Joong-gu, Incheon, REPUBLIC OF KOREA 400-190; #404-903, Yeolmaemaetul, Jijok-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-770; #406-1407, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-762; #405-501, Daedeok Techno Valley, 666, Gwanpyeong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-509; Samsung Hanul Apt., Sinseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA; #106-107, Dong-A Apt., Jayang-dong, Dong-gu, Daejeon, REPUBLIC OF KOREA 300-770; #105-602, Samsung Hanul Apt., Sinseong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-707; #304, Mirae Heights, 405-14, Galma 2-dong, Seo-gu, Daejeon, REPUBLIC OF KOREA 302-809; #304-803, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-761; and #108-1702, Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-755, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in HIGHLY PROTON CONDUCTIVE CROSSLINKED VINYL SULFONIC ACID POLYMER ELECTROLYTE COMPOSITE MEMBRANES AND ITS PREPARATION METHOD FOR POLYMER ELECTROLYTE FUEL CELLS, set forth in a Patent application for Letters Patent of the United States, already filed on as U.S. Application No. Not Yet Assigned ; and

WHEREAS, Korea Institute of Energy Research, having its principal place of business at 71-2, Jang-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA 305-343 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and

interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign

all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 90238

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 26th Oct. 2010

Signature: _____


Young Woo Choi

Date: 26th Oct. 2010

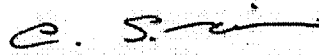
Signature:



Mi-Soon Lee

Date: Oct. 26, 2010

Signature:



Chang Soo Kim

Date: 26 Oct. 2010

Signature:



Gu Gon Park

Date: 26th Oct. 2010

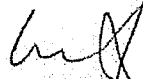
Signature:



Seok Hee Park

Date: Oct. 26, 2010

Signature:



Sung Dae Lim

Date: 26. 10. 2010

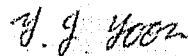
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Tae Hyun Yang

Date: 26th Oct, 2010

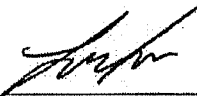
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Young Gi Yoon

Date: 26. Oct. 2010.

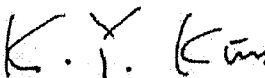
Signature:



Min Jin Kim

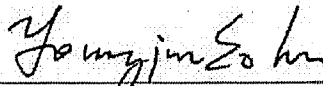
Date: 29th Oct. 2010

Signature:



Kyoung Youn Kim

Date: 2010. 10. 26

Signature: 
Young Jun Sohn

Date: 29th Oct. 2010

Signature: 
Won Yong Lee