

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joong Hui Lee	12/21/2010
Jae Hwan Lim	12/21/2010
Sang Hyun Park	12/21/2010
Hong-Sun Park	12/21/2010
Chol-Ho Kim	12/21/2010
Gun-Woo Moon	12/21/2010

RECEIVING PARTY DATA

Name:	SK Energy Co., Ltd.
Street Address:	99, Seorin-dong, Jongno-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	110-110

Name:	Korea Advanced Institute of Science and Technology
Street Address:	373-1, Guseong-dong, Yuseong-gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12988901

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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OP \$40.00 12988901

501397433

PATENT
REEL: 025587 FRAME: 0775

Correspondent Name: THE WEBB LAW FIRM, P.C.
Address Line 1: 700 KOPPERS BUILDING
Address Line 2: 436 SEVENTH AVENUE
Address Line 4: PITTSBURGH, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:	5038-103160
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NAME OF SUBMITTER:	Richard L. Byrne, Reg. No. 28,498
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Total Attachments: 4
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source=assignment#page2.tif
source=assignment#page3.tif
source=assignment#page4.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Joong Hui Lee Hong-Sun Park
Jae Hwan Lim Chol-Ho Kim
Sang Hyun Park
Gun Woo Moon

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SK ENERGY CO., LTD.

Internal Address: _____

Street Address: 99, Seorin-dong, Jongno-gu

City: Seoul

State: _____

Country: REPUBLIC OF KOREA Zip: 110-110

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 21, 2010

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
12/988,901

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

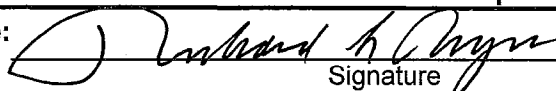
- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:

Signature

January 5, 2011

Date

Richard L. Byrne, Reg. No. 28,498
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

2. Name and address of receiving party(ies)

Name: KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

Street Address: 373-1, Guseong-dong, Yuseong-gu

City: Daejeon

Country: Republic of Korea Zip: 305-701

ASSIGNMENT

Docket No.:
5038-103160

This is an Assignment of the following rights, title and interest:

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- International Application No. PCT/KR2009/001998

Date of Filing: 17 April 2009

For which an application for a U.S. Patent was executed on _____

United States Patent Application Serial No. _____

Date of Filing: _____

Title of the Invention: TWO-STAGE CHARGE EQUALIZATION METHOD AND APPARATUS FOR SERIES-CONNECTED BATTERY STRING

Inventors (Assignors): LEE, JoongHui / LIM, Jae Hwan / PARK, Sang Hyun / MOON, Gun-Woo /
PARK, Hong-Sun / KIM, Chol-Ho

Assignee(s): SK ENERGY CO., LTD.

(99, Seorin-dong, Jongno-gu, Seoul 110-110 Republic of Korea)
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
(373-1, Guseong-dong, Yuseong-gu, Daejeon 305-701 Republic of Korea)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

LEE, Joong Hui
Signature: Lee

Date 2010. 12. 21

LIM, Jae Hwan
Signature: 임재환

Date 2010. 12. 21

PARK, Sang Hyun
Signature: [Handwritten Signature]

Date 2010. 12. 21

MOON, Gun-Woo
Signature: 문건우

Date 2010. 12. 21

PARK, Hong-Sun
Signature: Park

Date 2010. 12. 21

KIM, Chol-Ho
Signature: 김철호

Date 2010. 12. 21