

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2818185

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HYUN KYOU HA	02/18/2014
SUK SOO KIM	02/18/2014
TAE JUNG KIM	02/18/2014
JIN KEE LIM	02/18/2014
KYUNG HYUN KIM	02/18/2014
KYUNG WON RYU	02/18/2014
JOONG CHUL LIM	02/18/2014
RECEIVING PARTY DATA	
Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14241754
CORRESPONDENCE DATA	
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Correspondent Name:	MCKENNA LONG & ALDRIDGE LLP
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Address Line 2:	IP DEPARTMENT
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006
ATTORNEY DOCKET NUMBER:	29137.01439.US00
NAME OF SUBMITTER:	YOUNGGYU KIM
SIGNATURE:	/Younggyu Kim/
DATE SIGNED:	04/17/2014

PATENT

Total Attachments: 6

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hyun Kyou HA, et al.

Customer No.: 30827

Application No.: 14/241,754

Confirmation No.: 5065

Filed: February 27, 2014

Art Unit: TBD

For: AN EYEBROW COIL JACKET, A HEAT
CONTROL APPARATUS OF A REACTOR
USING THE EYEBROW COIL JACKET, AND
A METHOD FOR MANUFACTURING THE
HEAT CONTROL APPARATUS

Examiner: TBD

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF NON-RECORDATION

Dear Sirs:

In response to the Notice of Non-Recordation of Document mailed March 13, 2014,
Applicants respectfully submit:

1. Response to Notice of Non-Recordation of Document;
2. Copy of Notice of Non-Recordation of Document;
3. Copy of Recordation Form Cover Sheet previously submitted, reflecting original filing date of February 28, 2014; and
4. Clearer copy of Assignment of Application filed on February 28, 2014.

Application No.: Not Yet Assigned

Docket No.: 29137.01439.US00

If any additional fees are required to complete the filing of this response, these fees may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911.

Dated: April 17, 2014

Respectfully submitted,

By: /Younggyu Kim/
Younggyu Kim
Registration No.: 63,379
McKENNA LONG & ALDRIDGE LLP
1900 K Street, N.W.
Washington, DC 20006
(202) 496-7500
Attorneys for Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

March 13, 2014

PTAS

MCKENNA LONG & ALDRIDGE LLP
1900 K STREET NW
IP DEPARTMENT
WASHINGTON, DC 20006



502701241

United States Patent and Trademark Office
Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

1. The assignment documents faded, blurred better copies needed for recording.

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Tuesday, May 13, 2014**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

Send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

MARY BENTON
ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2747846

SUBMISSION TYPE:	NEW ASSIGNMENT																
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ATTORNEY DOCKET NUMBER:	29137.01439.US00																

PATENT

REEL: 032696 FRAME: 0593

Assignment of Application

WHEREAS, I (WE)	HA, Hyun Kyou; KIM, Suk Soo; KIM, Tae Jung; LIM, Jin Kee; KIM, Kyung Hyun; RYU, Kyung Won; LIM, Joong Chul		
	, respectively,		
have invented certain new and useful improvements in:			
AN EYEBROW COIL JACKET, A HEAT CONTROL APPARATUS OF A REACTOR USING THE EYEBROW COIL JACKET, AND A METHOD FOR MANUFACTURING THE HEAT CONTROL APPARATUS			
for which an application for Letters Patent was executed on			

(Application No.		, Filed), and
WHEREAS,	LG CHEM, LTD.			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea				

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;


NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

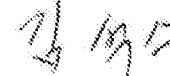
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, 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.

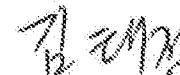
Date: Feb. 18, 2014


(Signature of Inventor)
HA, Hyun Kyou


Date: Feb. 18, 2014


(Signature of Inventor)
KIM, Suk Soo


Date: Feb. 18, 2014


(Signature of Inventor)
KIM, Tae Jung


Date: Feb. 18, 2014


(Signature of Inventor)
LIM, Jin Kee


Date: Feb. 18, 2014


(Signature of Inventor)
KIM, Kyung Hyun

Date: Feb. 18, 2014


(Signature of Inventor)
RYU, Kyung Won

Date: Feb. 18, 2014


(Signature of Inventor)
LIM, Joong Chul

McKenna Long & Aldridge LLP
Attorneys At Law
1900 K Street, N.W.
Washington, D.C. 20006