PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Se-Hoon BAEK	05/14/2010
Dongmyung KIM	05/17/2010
Eui Kwang JEONG	05/14/2010
Hyunwoo CHO	05/04/2010
Joo-Hwan SUNG	05/14/2010

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	20, Yoido-dong, Youngdungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12669302	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	5097-0152PUS1
NAME OF SUBMITTER:	Craig A. McRobbie

PATENT REEL: 024575 FRAME: 0372 7, 4,0,00

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Total Attachments: 4

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> PATENT REEL: 024575 FRAME: 0373

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	12/669,302	Filed	January	15,	2010
Insert Name(s)	***(Given Name FAMILY NAMI	E (ALL CAPS))***		
of Inventor(s)	WHEREAS, Se-Hoon BAEK; Dongmyung KIM; SUNG (hereinafter designated as the undersign improvements in:	Eui Kwang J ned) has (ha	EONG; Hyunw ave) invented o	oo CH(certain	O; and Joo-Hwan new and useful
Insert Title of Invention	JELLY-ROLL OF STRUCTURE HAVING IMATERIAL-NON-COATED PORTION AND SISAME				
	for which an application for Letters Patent of the undersigned (except in the case of a provisional application)		es of America h	as been	executed by the
Insert Date of Signing of Application	on 5/14/2010, 5/17/2010, 5/2	24/2010	, 5/24/20	1.0	; and
Insert Name	WHEREAS, LG CHEM, LTD.				
of Assignee Insert Address of Assignee	of 20, Yoido-dong, Youngdungpo-gu, Seoul, REPU	JBLIC OF K	OREA 150-721	!	
J	its heirs, successors, legal representatives and a desirous of acquiring the entire right, title and interpatent(s) that may be granted therefor in the United	rest in and to	said invention a		
CHECK BOX IF APPROPRIATE	x in any foreign countries.				
	NOW, THEREFORE, in consideration of the sum paid, the receipt of which is hereby acknowledg undersigned has (have) sold, assigned and transfer unto said Assignee the full and exclusive America, its territories, dependencies and possession and all Letters Patent(s) which may be granted the dependencies and possessions, and if the box above	ed, and othe ferred, and the right to the ons and the erefor in the	er good and value by these present e said invention natire right, title a United States of	uable costs does in the und interi	onsideration, the sell, assign and United States of rest in and to any ca, its territories,

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term

or terms for which the same may be granted.

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2010. 5.14,	Name of Inventor (signature) Se-Hoon BAEK
Date 2010, 5, 17	Name of Inventor
Date 2010.5.14,	(signature) Dongmyung KIM Name of Inventor (signature) Eui Kwang JEONG
Date,	Name of Inventor (signature) Hyunwoo CHO
Date 2010. 5.14,	Name of Inventor (signature) Joo-Hwan SUNG

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No.	12/669,302	Filed	January 15, 2010	
Insert Name(s)	***(Given Name FAMILY NAME	(ALL CAPS)	***	
of Inventor(s)	WHEREAS, Se-Hoon BAEK; Dongmyung KIM; I SUNG (hereinafter designated as the undersign improvements in:			
Insert Title of Invention	JELLY-ROLL OF STRUCTURE HAVING E MATERIAL-NON-COATED PORTION AND SE SAME			
	for which an application for Letters Patent of the undersigned (except in the case of a provisional app		s of America has been executed	d by the
Insert Date	on 5/04/2010			; and
of Signing of Application Insert Name of Assignee	WHEREAS, LG CHEM, LTD.			
Insert Address of Assignee	of 20, Yoido-dong, Youngdungpo-gu, Seoul, REPU	BLIC OF K	OREA 150-721	
СНЕСК ВОХ	its heirs, successors, legal representatives and a desirous of acquiring the entire right, title and interPatent(s) that may be granted therefor in the United x in any foreign countries.	est in and to	said invention and in and to any	
IF APPROPRIATE	NOW, THEREFORE, in consideration of the sum paid, the receipt of which is hereby acknowledge undersigned has (have) sold, assigned and transferransfer unto said Assignee the full and exclusive America, its territories, dependencies and possessio and all Letters Patent(s) which may be granted the dependencies and possessions, and if the box above	ed, and other erred, and b right to the ns and the en refor in the U	r good and valuable consideraty these presents does sell, ass said invention in the United Stire right, title and interest in an Jnited States of America, its terms.	tion, the sign and States of d to any critories,
	and to any and all divisions, reissues, continuations or terms for which the same may be granted.	, conversions	and extensions thereof for the	full term

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Attorney Docket No. 5097-0152PUS1

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date,	Name of Inventor (signature) Se-Hoon BAEK
Date,	Name of Inventor(signature) Dongmyung KIM
Date,	Name of Inventor (signature) Eui Kwang JEONG
Dale 2010-5-4	Name of Inventor (signature) Hyunwoo CHO
Date,	Name of Inventor (signature) Joo-Hwan SUNG

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RECORDED: 06/22/2010