## 502689891 02/21/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2736496

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
YI-HEON JEONG	01/27/2014
CHAN-SUB LEE	01/27/2014
SOON-HO AHN	01/28/2014
KYOUNG-WON KANG	01/27/2014
KI-WOONG KIM	01/27/2014

## **RECEIVING PARTY DATA**

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YOUNGDUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14185608

## **CORRESPONDENCE DATA**

Fax Number: (703)205-8050 Phone: (703) 205-8000

Email: mailroom@bskb.com, anh-vu.dao@bskb.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: P.O. BOX 747

Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

	DATENT
NAME OF SUBMITTER:	ANH-VU DAO
ATTORNEY DOCKET NUMBER:	3563-0273PUS1

■ PATENT 502689891 REEL: 032266 FRAME: 0776

Signature:	/anh-vu dao/	
Date:	02/20/2014	
Total Attachments: 9 source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563- source=2014-02-20_DecAssignment_3563-	0273PUS1#page2.tif 0273PUS1#page3.tif 0273PUS1#page4.tif 0273PUS1#page5.tif 0273PUS1#page6.tif 0273PUS1#page7.tif 0273PUS1#page8.tif	

PATENT REEL: 032266 FRAME: 0777

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

## DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

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

Title of Invention ⇒ SECONDARY BATTERY AND METHOD FOR MANUFACTURING THE SAME

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

Application not Attached

This declaration is directed to the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Applin. No. 

United States Application Number or PCT International Applin. No. PCT/KR2013/004720

Enter Filing Date ⇒ filed on May 29, 2013

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee

⇒ WHEREAS, LG CHEM, LTD.

Insert Address of Assignee

of 128, Yeoui-daero, Youngdungpo-gu, Seoul 150-721, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; 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.

Page 1

BSKB-DECASSIGN(09-12)



The undersigned agrees 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 agrees 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 Letters 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 agrees 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 agrees 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 authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) 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 the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

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

LEGAL	NAME	OF INV	ENTOR
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Inventor's Name   ⇒ Inventor:	JEONG, Yi-Heon	Date:	141	/	127	
Inventor's Signature ⇒ Signature:	2:4					

Page 2

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.

# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	→ Inventor: LEE, Chan-Sub	Date:	Jan, 21/2014
Inventor's Signature	⇔ Signature: (左)		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor: AHN, Soon-Ho	Date:	
Inventor's Signature	⇒ Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor: KANG, Kyoung-Won	Date:	
Inventor's Signature	♦Signature:		·
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	◆Inventor: KIM, Ki-Woong	Date:	Jan. 29/2014
Inventor's Signature	Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Date:	-
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Date:	
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Date:	
Inventor's Signature	⇒Signature:	· · · · · · · · · · · · · · · · · · ·	
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Date:	
Inventor's Signature	\$Signature:		

Page 3

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## BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

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WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Name of Assignee

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Insert Address of Assignee

of 128, Yeoui-daero, Youngdungpo-gu, Seoul 150-721, Republic of Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

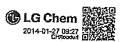
Check Box if Appropriate

 $^{\diamond}$  igotimes in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; 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.

Page 1

BSKB-DECASSIGN(09-12)



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

#### LEGAL NAME OF INVENTOR

Inventor's Name	⇒ Inventor:	JEONG, Yi-Heon	Date:
Inventor's Signatur	e → Signature:		
An application Use a separate	n data sheet (PT e form for each i	O/SB/14 or equivalent), including naming the entire inventi- nventor; or check the box below and complete the attached pa	ve entity, must accompany this form.  age(s) to list additional inventors.
M Additional	l inventors are l	peing named on the T supplemental sheets attached hareto	

Page 2

BSKB-DECASSIGN-SINGLE (09-12)



# SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

## LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name	⇒ Inventor: LEE, Chan-Sub	_ Date:	
Inventor's Signatur	re ⇒ Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒ Inventor: AHN, Soon-Ho	Date:	January 28, 2014
Inventor's Signatur	e ⇒ Signature:	***	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	•,	
Inventor's Name	⇔Inventor: KANG, Kyoung-Won	Date:	
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇔Inventor: KIM, Ki-Woong	Date:	
Inventor's Signature			3
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Inventor's Name	⇔Inventor:	Date:	
Inventor's Signature	⇒Signature:		
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Inventor's Signature	⇒Signature;		
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Inventor's Name	⇒Inventor:	Date:	
Inventor's Signature	⇒Signature:		
	LEGAL NAME OF JOINT INVENTOR, IF ANY		
Inventor's Name	⇒Inventor:	Date: _	
Inventor's Signature	⇔Signature:		

Page 3

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PATENT REEL: 032266 FRAME: 0783



## BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

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Check Box if Appropriate

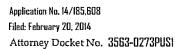
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Inventor's Name	→ Inventor:	JEONG, Yi-Heon	Date:
Inventor's Signatur	e > Signature:	And the second s	
An application	n data sheet (PT	O/SB/14 or equivalent), including naming the entire invention or check the box below and complete the attached p	
Additional	l inventors are b	eing named on the 1 supplemental sheet(s) attached hereto.	

Page 2



BSKB-DECASSIGN-SINGLE (09-12)





## SUPPLEMENTAL SHEET FOR **DECLARATION AND ASSIGNMENT**

LEGAL NAME OF JOINT INVENTOR, IF ANY

## ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Inventor's Name	♥ Inventor: LEE, Chan-Sub	Date:
Inventor's Signatus	e ⇒ Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
Inventor's Name	→ Inventor: AHN, Soon-Ho	Date:
Inventor's Signatur	e⇒ Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
inventor's Name	Inventor: KANG, Kyoung-Won	Date: 2014, \$1,27
Inventor's Signature	⇒Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	•
Inventor's Name	⇒Inventor: KIM, Ki-Woong	Date:
Inventor's Signature	⇔Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
inventor's Name	⇒Inventor:	Date:
inventor's Signature	⇒Signature;	
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nventor's Signature		
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nventor's Name	⇒Inventor:	Date:
ventor's Signature	Signature:	
	LEGAL NAME OF JOINT INVENTOR, IF ANY	
ventor's Name	*Inventor:	Date:
ventor's Signature	⇔Signature:	

Page 3

RECORDED: 02/21/2014

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**PATENT REEL: 032266 FRAME: 0786**