## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**EPAS ID: PAT2659359** 

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BYUNG-JOO CHUNG	12/20/2013
EON-MI LEE	12/20/2013
SEUNG-UK KWON	12/20/2013
JAE-HYUK KIM	12/20/2013
SOON-SUNG SUH	12/20/2013
CHANG-UI JEONG	12/20/2013
HA-NA YOO	12/20/2013
NAM-SEON KIM	12/20/2013
YANG-SOO KIM	12/20/2013
KWANG-SIK CHOI	12/20/2013

#### **RECEIVING PARTY DATA**

Name:	SAMSUNG SDI CO., LTD.
Street Address:	150-20, GONGSE-RO, GIHEUNG-GU,
City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	446-577

Name:	AEKYUNG CHEMICAL CO., LTD.
Street Address:	7, GONGWON-RO, GURO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14139344

#### **CORRESPONDENCE DATA**

 Fax Number:
 (703)207-0003

 Phone:
 703-207-0008

 Email:
 eoa@lee-iplaw.com

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

Correspondent Name: LEE & MORSE, P.C.

Address Line 1: 3141 FAIRVIEW PARK DRIVE

Address Line 2: SUITE 500

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	301/1217
NAME OF SUBMITTER:	RALPH T. WEBB
Signature:	/Ralph T. Webb/
Date:	12/23/2013

Total Attachments: 12

source=Combined\_Decl\_and\_Assignment#page1.tif
source=Combined\_Decl\_and\_Assignment#page2.tif
source=Combined\_Decl\_and\_Assignment#page3.tif
source=Combined\_Decl\_and\_Assignment#page4.tif
source=Combined\_Decl\_and\_Assignment#page5.tif
source=Combined\_Decl\_and\_Assignment#page6.tif
source=Combined\_Decl\_and\_Assignment#page7.tif
source=Combined\_Decl\_and\_Assignment#page8.tif
source=Combined\_Decl\_and\_Assignment#page9.tif
source=Combined\_Decl\_and\_Assignment#page10.tif
source=Combined\_Decl\_and\_Assignment#page11.tif
source=Combined\_Decl\_and\_Assignment#page11.tif
source=Combined\_Decl\_and\_Assignment#page12.tif

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:	PREI	PER COMPOSITION FOR RECHARGEABLE LITHIUM BATTERY, PARING METHOD OF SAME, AND RECHARGEABLE LITHIUM FERY INCLUDING BINDER COMPOSITION
for whi	ch Assi	ignor is about to make or has made United States or International application
for pate	ent.	
WHER	EAS, a	s a below named inventor(s), I/(we) hereby declare that:
Section	ı I. De	claration
This de		on is directed to the attached U.S. non-provisional patent application, unless the arked:
		U.S. non-provisional patent application number, filed on, or
		PCT international patent application number, filed on
The ab	ove-ide	ntified application was made or authorized to be made by me (us).
, ,		that I am (we are) the original inventor (original joint inventors) of a claimed above-identified application.
` '		acknowledge that any willful false statement made in this declaration is der 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or
<sup>1</sup> This f	orm requ	uires the use of an Application Data Sheet.
SDI R	ef No	G10876 Attorney Ref No. 301/1217

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

SAMSUNG SDI CO., LTD. AND AEKYUNG CHEMICAL CO., LTD.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

**Power of Attorney:** I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 27849.

#### Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

#### Samsung SDI Co., Ltd.

a corporation organized and existing under the laws of the Republic of Korea, having its registered office address at 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 446-577 Republic of Korea; and

## Aekyung Chemical Co., Ltd.

a corporation organized and existing under the laws of the Republic of Korea, having its registered office address at 7, Gongwon-ro, Guro-gu, Seoul, Republic of Korea.

(collectively "Assignees"), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been

SDI Ref No.	G10876	Attorney Ref No.	301/1217
PDI VCI IAO	G10070	reconney reario.	

Page 2 of 6

made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of LEE & MORSE, PC the power to insert on this Declaration and 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.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHUNG	Byung-Joo	
SIGNATURE (	CHUNG Byung-	Joo date	December 20, 2013
	To the second se		

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LEE	Eon-Mi	
SIGNATURE	LEE EON-Mi	DATE	December 20, 2013
LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KWON	Seung-Uk	
SIGNATURE	Keron Samgl	Mr. DATE	December 20, 2013
LEGAL NAME OF	Kenon Senngl Family Name	DATE  First Given Name	December 20, 2013  Second Given Name
LEGAL NAME OF FOURTH		Ma.	Second Given
LEGAL NAME OF FOURTH INVENTOR/ASSIGNOR	Family Name	First Given Name  Jae-Hyuk	Second Given

LEGAL NAME OF FIFTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	SUH	Soon-Sung	
SIGNATURE 2	SUH Soom-Sun	DATE	December 20, 2013
LEGAL NAME OF SIXTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	JEONG	Chang-Ui	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SEVENTH			
1	YOO	Ha-Na	
INVENTOR/ASSIGNOR	<b>Y00</b> Y00 Ha-Na	Ha-Na DATE	December 20, 2013
INVENTOR/ASSIGNOR			
INVENTOR/ASSIGNOR			

LEGAL NAME OF EIGHTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Nam-Seon	
<u></u>			
SIGNATURE _		DATE —	
	yes		
LEGAL NAME OF NINTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Yang-Soo	нась досьме до манежного чень фолько часто на ченерова от результать по составля ЭМЕСОНО
		per 1955 PA	
SIGNATURE _		DATE -	
LEGAL NAME OF	Family Name	First Given Name	Second Given
TENTH INVENTOR/ASSIGNOR	СНОІ	Kwang-Sik	Name
SIGNATURE _		DATE -	
SDI Ref No.	G10876	Attorney Ref No.	301/1217

Page **6** of **6** 

**PATENT** 

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title:	PREI		R RECHARGEABLE LITH AME, AND RECHARGEAD DER COMPOSITION	
for wh	nich Assi	gnor is about to make or ha	s made United States or Inter-	national application
for par	tent.			
WHE	REAS, a	s a below named inventor(s)	), I/(we) hereby declare that:	
Sectio	n I. De	claration		
	eclaration		U.S. non-provisional patent	application, unless the
		U.S. non-provisional patent	t application number , or	, filed
		PCT international patent ap	oplication number	, filed on
The al	oove-ide		e or authorized to be made by	me (us).
, ,		that I am (we are) the origine above-identified application	nal inventor (original joint invon.	ventors) of a claimed
` /		•	al false statement made in this or imprisonment of not more	
<sup>1</sup> This	form requ	ires the use of an Application Da	ita Sheet.	
SDLE	Ref No.	G10876	Attorney Ref No.	301/1217

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM PATENT

SAMSUNG SDI CO., LTD. AND AEKYUNG CHEMICAL CO., LTD.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

<u>Power of Attorney:</u> I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 27849.

## Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

## Samsung SDI Co., Ltd.

a corporation organized and existing under the laws of the Republic of Korea, having its registered office address at 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 446-577 Republic of Korea; and

### Aekyung Chemical Co., Ltd.

a corporation organized and existing under the laws of the Republic of Korea, having its registered office address at 7, Gongwon-ro, Guro-gu, Seoul, Republic of Korea.

(collectively "Assignees"), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been

SDI Ref No.	G10876	Attorney Ref No.	301/1217	_

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM PATENT

made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of LEE & MORSE, PC the power to insert on this Declaration and 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.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHUNG	Byung-Joo	
SIGNATURE _		DATE -	
SDI Ref No. G	10876	Attorney Ref No	301/1217

LEGAL NAME OF SECOND	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	LEE	Eon-Mi	
SIGNATURE _		DATE 	
LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KWON	Seung-Uk	
LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Jae-Hyuk	
SIGNATURE _		DATE -	
SDI Ref No. G	10876	Attorney Ref No.	301/1217

LEGAL NAME OF FIFTH	Family Name	First Given Name	Second Given Name	
INVENTOR/ASSIGNOR	SUH	Soon-Sung		
SIGNATURE		DATE 		
LEGAL NAME OF	Family Name	First Given Name	Second Given	
SIXTH INVENTOR/ASSIGNOR	JEONG	Chang-Ui	Name	
SIGNATURE _	DATE			
LEGAL NAME OF	Family Name	First Given Name	Second Given	
SEVENTH INVENTOR/ASSIGNOR	YOO	Ha-Na	Name	
SIGNATURE _		DATE		
		/	· · · · · · · · · · · · · · · · · · ·	
	•			
SDI Ref No. G	10876	Attorney Ref No.	301/1217	

LEGAL NAME OF EIGHTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Nam-Seon	
SIGNATURE	457	DATE	December 20, 2013
LEGAL NAME OF NINTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Yang-Soo	
LEGAL NAME OF TENTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	CHOI	Kwang-Sik	
SIGNATURE	MAR	DATE	December 20, 2013

Page 6 of 6