### 505367953 03/11/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HYUNBONG CHOI	02/19/2019
PAVEL SHATUNOV	02/18/2019
OLGA TSAY	02/18/2019
HYEJIN PARK	02/19/2019
MYUNGHEUI WOO	02/18/2019
HARIM LEE	02/19/2019
JIN-HYEOK LIM	02/18/2019
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16298169

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	168452 JEJ/CLM	
NAME OF SUBMITTER:	CHRISTINA L. MALINOSKY	
SIGNATURE:	/Christina L. Malinosky/	

PATENT 505367953 REEL: 048560 FRAME: 0809

DATE SIGNED:	03/11/2019
Total Attachments: 3	
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source=168452 Assignment#page3.tif	

PATENT REEL: 048560 FRAME: 0810

# INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

PATENT

Title of Invention:

ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND

RECHARGEABLE LITHIUM BATTERY

Docket No.:

168452

#### INVENTOR'S DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application unless the following is checked:

\_\_\_\_ United States Application or PCT International Application Number \_\_\_\_\_ filed on

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 above-identified 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 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I acknowledge 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.

#### **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Hyunbong CHOI, Pavel SHATUNOV, Olga TSAY, Hyejin PARK, Myungheui WOO, Harim LEE, Jin-Hyeok LIM, and Wonseok CHO

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG SDI CO., LTD.

having a place of business at

- (3) 150-20 Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 17084, Republic of Korea (hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled
- (4) <u>ELECTROLYTE FOR RECHARGEABLE LITHIUM BATTERY AND RECHARGEABLE LITHIUM BATTERY</u>

1 of 3

REEL: 048560 FRAME: 0811

Docket No.: 168452

# INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

which application executed on even date herewith or was	(LEWIS ROCA ROTHGERBER CHRISTIE
(a) executed on (5a):; (b) filed on (5b): March 11, 2019, Application No.: 16/298,169;	LLP, P.O. Box 29001, Glendale, CA 91209- 9001) is hereby authorized to insert in (b) the specified data, when known.
including any and all United States Patents which and all extensions, divisions, reissues, substitute and patents, and the right to all benefits under all industrial property and applications for said impro	s, renewals or continuations of said application international conventions for the protection of
It is hereby authorized and requested that the Co Letters Patent, when granted, to said ASSIGNEE designee.	mmissioner of Patents issue any and all of said , its assigns or its successors in interest or its
Upon said consideration, it is further agreed that, expense of said ASSIGNEE, the undersigned will renewal, and reissue patent applications; execute everything possible which said ASSIGNEE shall a maintaining patent protection as provided herein.	execute all divisional, continuing, substitute,
Hyunbong CHOI	2, 19, 2019 Date
Legal Name of Inventor	Date
Hyunbong Choi Signature	
Signature	
Pavel SHATUNOV	2.18.2019
Legal Name of Inventor	Date
Pavel SHATUNOV	
Signature	
Olga TSAY Legal Name of Inventor	2. 18. 2019 Date
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Olga Tsay Signature	
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INVENTOR'S DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION		
Docket No.: 168452	TAIT LIOATION	
Hyejin PARK Legal Name of Inventor	02, 19. 2019 Date	
Hyejin Park Signature		
Myungheui WOO Legal Name of Inventor	2, 1A. 2019 Date	
Mrs Myns Lewi Signature		
Harim LEE Legal Name of Inventor	2, 19. 2019 Date	
HARIM LIE Signature		
Jin-Hyeok LIM Legal Name of Inventor	<u>2, 18, 2019</u> Date	
Jin-Hyeok LIM Signature		
Wonseok CHO Legal Name of Inventor	2,/8,20/9 Date	
<u>Wonseok CHO</u> Signature		
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**REEL: 048560 FRAME: 0813**