503323130 05/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3369748

ASSIGNMENT	
CONVEYING PARTY DATA	
Name	Execution Date
DAEHOE LEE	04/13/2015
SANGWOO CHO	04/22/2015
SOOYOUN PARK	04/27/2015
CHANGWOOK KIM	04/13/2015
DOHYUNG PARK	04/13/2015
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	
Application Number: 14707986	
Property TypeNumberApplication Number:14707986	
CORRESPONDENCE DATA	
Fax Number: (949)760-9502	
Correspondence will be sent to the e-mail address first; if that is unsucce using a fax number, if provided; if that is unsuccessful, it will be sent via	
Phone: 9497600404	
Email: efiling@knobbe.com	
Correspondent Name: KNOBBE MARTENS OLSON & BEAR, LLP	
Address Line 1: 2040 MAIN STREET	
Address Line 2: 14TH FLOOR	
Address Line 2: 14TH FLOOR	
Address Line 2:14TH FLOORAddress Line 4:IRVINE, CALIFORNIA 92614	
Address Line 2:14TH FLOORAddress Line 4:IRVINE, CALIFORNIA 92614ATTORNEY DOCKET NUMBER:SDIYPL.580AUS	
Address Line 2: 14TH FLOOR Address Line 4: IRVINE, CALIFORNIA 92614 ATTORNEY DOCKET NUMBER: SDIYPL.580AUS NAME OF SUBMITTER: JASON J. JARDINE	
Address Line 2: 14TH FLOOR Address Line 4: IRVINE, CALIFORNIA 92614 ATTORNEY DOCKET NUMBER: SDIYPL.580AUS NAME OF SUBMITTER: JASON J. JARDINE SIGNATURE: / Jason Jardine /	aration (37 CFR 1.63).

PATENT REEL: 035720 FRAME: 0882

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))

Application Data Sheet filed previously or concurrently

Docket No.: SDIYPL.580AUS

Page 1 of 2

PATENT

Title: POSITIVE ACTIVE MATERIAL, POSITIVE ELECTRODE INCLUDING THE SAME, AND LITHIUM SECONDARY BATTERY INCLUDING THE POSITIVE ELECTRODE

inventor(s): Daehoe Lee, Sangwoo Cho, Sooyoun Park, Changwook Kim, Dohyung Park

Declaration

This Declaration is directed to the invention identified above that:

Is attached, where "attached" means filed concurrently with.

As a named inventor, I declare that:

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 in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified specification and acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56,

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, Samsung SDI Co., Ltd., with its principal place of business at 150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonagi-do, Republic of Korea (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged. ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof:

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously of concurrently

Docket No.: SDIYPL.580AUS

送 蒸烧油

Page 2 of 2

PATENT

Title: POSITIVE ACTIVE MATERIAL, POSITIVE ELECTRODE INCLUDING THE SAME, AND LITHIUM SECONDARY BATTERY INCLUDING THE POSITIVE ELECTRODE

Inventor(s): Daehoe Lee, Sangwoo Cho, Socyoun Park, Changwook Kim, Dohyung Park

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of Inventor 1: Daehoe Lee	
Signature:	Date: <u>2017</u> . 4.13
Legal Name of Inventor 2: Sangwoo Cho	
Signature: Sang Wes Cho	Date: 2015, 4,22
Legal Name of Inventor 3: Socyoun Park Signature: ダ グ	Date:20/5. 4. 27
Legal Name of Inventor 4: Changwook Kim	
Signature: <u>Changwook Kin</u>	Date: 2015 , 4 , 13
Legal Name of inventor 5: Dohyung Park	
Signature: Do hyung Park	Date: <u>2015, 4, 13</u>
19855153 012915	

: 상성SD 정보자산으로 관리적인자의 정가없이 솔격, 배포, 반솔을 열 수 없으며, 위규사 관련 법령에 인거하여 인사가 중이지 않는 수 있습니다. RECORDED: 05/27/2015 REAME: 0884