PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3002169

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| JI-JUN HONG | 05/27/2014 |
| SUNG-TAE KO | 05/27/2014 |
| YOON-JEONG HEO | 05/26/2014 |
| YOO-JUNG KWON | 05/26/2014 |

RECEIVING PARTY DATA

| Name: | KOKAM CO., LTD. |
|-------------------|-------------------------------------|
| Street Address: | 30-78, GYEONGSU-DAERO 1220 BEON-GIL |
| Internal Address: | JANGAN-GU, SUWON-SI |
| City: | GYEONGGI-DO |
| State/Country: | KOREA, REPUBLIC OF |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14364415 |

CORRESPONDENCE DATA

Fax Number: (801)212-2056

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 801-328-3600

Email: khorton@kmclaw.com
Correspondent Name: KENNETH E. HORTON
Address Line 1: 60 E. SOUTH TEMPLE

Address Line 2: STE 1800

Address Line 4: SALT LAKE CITY, UTAH 84111

| ATTORNEY DOCKET NUMBER: | 23287.2 |
|-------------------------|--|
| NAME OF SUBMITTER: | KENNETH E. HORTON |
| SIGNATURE: | /Kenneth E. Horton/ |
| DATE SIGNED: | 08/28/2014 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

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PATENT

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

High Heat Resistance Composite Separator for Lithium Secondary Battery and Lithium

Secondary Battery Including Same

| | the specification of which is attached hereto OR |
|---|--|
| Ø | United States application or PCT international application number 14/364,415 filed on June 11, 2014, as amended on [date] (if applicable). |
| | (We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.) |

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

We believe that we are original joint inventors of a claimed invention in the application.

We 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.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement with Kokam Co., Ltd.), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

| Inventor First Name | Inventor Middle Name | Inventor Last Name | *************************************** | Residence Town | Residence State | Residence Country |
|------------------------|----------------------------|-----------------------|---|----------------|--------------------|----------------------|
| Ji-Jun | | Hong | of | | | KR |
| Sung-Tae | | Ko | of | | | KR |
| Yoon- Jeong | | Heo | of | | | KR |
| Yoo-Jung | | Kwon | of | | | KR |

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v9.18.12 hereby sell and assign to:

| | ٠. |
|---|-----------|
| Name of Company: Kokam Co., Ltd. | |
| Entity Type (optional): Corporation | ********* |
| Address: 30-78, Gyeongsu-daero, 1220 beon-gil, Jangan-gu, Suwon-si, Gyeonggi-do 440-851 | |
| Republic of Korea | - |

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

| Country of Filing | Type of Filing | Application Number | Filing Date | Title |
|-------------------|----------------|--------------------|-------------|-------|
| | | | | |
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| | | | | |

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and 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 in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

| INVENTOR 1 | |
|--|--------------------------------------|
| Signature: Ji-Jun Hong | Date: May 27, 2014 |
| Witnessed by: Signature | Date: July 3, 2014 |
| Ti-Young Jeo Printed Name of Witness | |
| Witnessed by:Signature | Date: July 3, 2014 |
| Sally Kim Printed Name of Witness | |
| | |
| | |
| | |
| INVENTOR 2 | |
| INVENTOR 2 Signature: Ko Say Fao Sung-Tae Ko | Date: May 27. 2014 |
| Signature: Sung-Tae Ko Witnessed by: Signature | Date: May 27. 2014 Date: My 2, 2014 |
| Signature: Ko Say Fao Sung-Tae Ko | |
| Signature: Sung-Tae Ko Witnessed by: Signature Printed Name of Witness Witnessed by: Signature Signature | |
| Signature: Sung-Tae Ko Witnessed by: Signature Signature Printed Name of Witness | Date: |

| INVENTOR 3 | |
|--|---|
| Signature: Heo Yoon - Jeon - Jeon - Yoon-Jeong Heo | Date: <u> </u> |
| Witnessed by: Signature | Date: Sily 3, 2014 |
| Ti-Young Go Printed Name of Witness | |
| Witnessed by:Signature | Date: |
| Sally Kim Printed Name of Witness | |
| DOCUMENT OF THE PROPERTY OF TH | *************************************** |
| | |
| INVENTOR 4 | |
| INVENTOR 4 Signature: Yoo - Jung Koon Yoo-Jung Kwon | Date: |
| Signature: Yoo - Jung Kwon Yoo-Jung Kwon Witnessed by: Jool You Signature | Date: 2014 . 5 . 26 Date: July 3, 2014 |
| Signature: Yoo - Jung Koon Yoo-Jung Kwon | |
| Signature: Yoo - Jung Kwon Yoo-Jung Kwon Witnessed by: Leal Your Signature Ji - Young Jeo | |

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