11/25/2015 503585064

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3631693

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

### **CONVEYING PARTY DATA**

| Name            | Execution Date |
|-----------------|----------------|
| UONG CHON       | 06/19/2015     |
| GI-CHUN HAN     | 06/19/2015     |
| KI YOUNG KIM    | 06/19/2015     |
| SO RA JUNG      | 06/19/2015     |
| KEE UEK JEUNG   | 06/19/2015     |
| CHANG HO SONG   | 06/19/2015     |
| YOUNG SEOK JANG | 06/19/2015     |

## **RECEIVING PARTY DATA**

| Name:           | POSCO   |
|-----------------|---|
| Street Address: | (GOEDONG-DONG) 6261, DONGHAEAN-RO, NAM-GU, GYEONGSANGBUK-DO |
| City:           | POHANG-SI   |
| State/Country:  | KOREA, REPUBLIC OF  |
| Postal Code:    | 790-300   |
| Name:           | RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY       |
| Street Address: | SAN 32, HYOJA-DONG, NAM-GU, GYEONGSANGBUK-DO                |
| City:           | POHANG-SI   |
| State/Country:  | KOREA, REPUBLIC OF  |
| Postal Code:    | 790-330   |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14418132 |

### **CORRESPONDENCE DATA**

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Address Line 1: 420 FT. DUQUESNE BLVD., STE 1200

**REEL: 037137 FRAME: 0374** 503585064

PATENT

|                                   | NE GATEWAY CENTER             |
|-----------------------------------|-------------------------------|
| Address Line 4:                   | ITTSBURGH, PENNSYLVANIA 15222 |
| ATTORNEY DOCKET NUMBER:           | 5764-150392                   |
| NAME OF SUBMITTER:                | KENT E. BALDAUF               |
| SIGNATURE:                        | /Kent E. Baldauf/             |
| DATE SIGNED:                      | 11/25/2015                    |
| Total Attachments: 6              |                               |
| source=150392assignment#page1.tif |                               |
| source=150392assignment#page2.tif |                               |
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PATENT REEL: 037137 FRAME: 0375

| RECORDATION FORM COVER SHEET PATENTS ONLY   |  |
|---|--|
| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. |  |
| 1. Name of conveying party(ies)   | 2. Name and address of receiving party(ies)  |
| Uong CHON   | Name: POSCO  |
| Gi-Chun HAN<br>Ki Young KIM   | Internal Address:  |
| So Ra JUNG  |  |
| Additional name(s) of conveying party(ies) attached?  Yes No  |  |
| 3. Nature of conveyance/Execution Date(s):  | Street Address: (Goedong-dong) 6261, Donghaean-ro, Nam-gu  |
| Execution Date(s) June 19th, 2015  Assignment Merger  | Gyeongsangbuk-do   |
| Security Agreement Change of Name   | City: Pohang-si  |
| Joint Research Agreement  | State:   |
| Government Interest Assignment  |  |
| Executive Order 9424, Confirmatory License  | Country: REPUBLIC OF KOREA Zip: 790-300  |
| Other   | Additional name(s) & address(es) attached?   |
| 4. Application or patent number(s):   | document serves as an Oath/Declaration (37 CFR 1.63).  |
| A. Patent Application No.(s)  | B. Patent No.(s)   |
| 14/418,132  |  |
|   |  |
| Additional numbers atta   | ached?   |
| 5. Name and address to whom correspondence concerning document should be mailed:  | 6. Total number of applications and patents involved: 1  |
| Name: Kent E. Baldauf   |  |
| Internal Address: The Webb Law Firm   | 7. Total fee (37 CFR 1.21(h) & 3.41) \$0   |
|   | Authorized to be charged to deposit account  |
| Street Address: One Gateway Center  | Enclosed   |
| 420 Ft. Duquesne Blvd., Ste 1200  | None required (government interest not affecting title)  |
| City: Pittsburgh  | 8. Payment Information   |
| State: <u>PA</u> Zip: <u>15222</u>  |  |
| Phone Number: 412-471-8815  | Deposit Account Number   |
| Docket Number: <u>5764 - 150392</u>   |  |
| Email Address: assignments@webblaw.com  | Authorized User Name   |
| 9. Signature: Kent & Balda  | November 25, 2015  |
| Signature   | Date   |
| Kent E. Baldauf, Reg. No. 25,826  | Total number of pages including cover 6  |
| DIAMA ALLIANA LA  | and an and another than the state of the sta |
| Name of Person Signing  Documents to be recorded (including cover sheet)  | sneet, attachments, and documents:   |

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REEL: 037137 FRAME: 0376

# RECORDATION FORM COVER SHEET PATENTS ONLY

Page 2

| U.S. Patent Application No   | 14/418,132 , filed 12/28/2012   |
|--|---|
| U.S. Patent No.  | , issued  |
| Additional In  | nformation (continued from Page 1)  |
| Name of conveying party(ies) Kee Uek JEUNG Chang Ho SONG Young Seok JANG  Execution Date(s): June 19th, 2015 | Name and address of receiving party(ies)  Name: RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY  Internal Address:  Street Address: San 32, Hyoja-dong, Nam-gu  Gyeongsangbuk-do  City: Pohang-si  State: |
| Execution Date(s): June 19th, 2015   | State:  Country: REPUBLIC OF KOREA Zip: 790-330   |
|  |   |
| Name of conveying party(ies)   | Name and address of receiving party(ies)  Name:  Internal Address:  |
| Execution Date(s):   | Street Address:   City:   State:   Country: Zip:  |

PATENT REEL: 037137 FRAME: 0377

INTERNATIONAL Application No. <u>14/418.132</u> Attorney Docket No. <u>5764-150392</u>

### **ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

| METHOD FOR EXTRACTING LITHIUM FROM SOLUTION CONTAINING LITHIUM   |  |
|--|--|
| (Invention Title)  |  |
| for which I have this day executed an application for a United States Patent (hereinafter "said application").   |  |
| AND/OR   |  |
| [X] for which an application for a United States Patent was filed on 01/29/2015 (mm/dd/yyyy) and bears Application Number 14/418,132 (hereinafter "said application").   |  |
| AND/OR   |  |
| for which an international patent application was filed under the Patent Cooperation Treaty on(mm/dd/yyyy), bearing Application No (hereinafter "said application").   |  |
| AND, WHEREAS, POSCO, a corporation of the Republic of Korea, having a place of business at (Goedong-dong) 6261, Donghaean-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-300, Republic of Korea; and RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, a corporation of the Republic of Korea, having a place of business at San 32, Hyoja-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-330, Republic of Korea, hereimafter called the "assignee(s)", are desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.   |  |
| NOW, THEREFORE, for good and valuable consideration paid to me by said assignee(s), the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee(s) the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.  |  |
| The state of the s |  |

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee(s) or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

Page 1 of 4

INTERNATIONAL Application No. <u>14/418,132</u> Attorney Docket No. <u>5764-150392</u>

testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee(s) or by counsel for said assignee(s) to assist or enable said assignee(s) to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee(s).

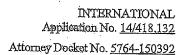
| 1. FULL NAME OF ASSIGNOR:                 | RESIDENCE:   |
|---|--|
| Uong CHON                                 | Pohang-si, Gyeongsangbuk-do, Republic of<br>Korea    |
| EXECUTED this 19th day ofJune             | Long Chon  |
| WITNESS:                                  | SIGNATURE  |
| ***************************************   |  |
| 2. FULL NAME OF ASSIGNOR;                 | RESIDENCE:   |
| Gi-Chun HAN                               | Cheongju-si, Chungcheongbuk-do, Republic of<br>Korea |
| EXECUTED this <sup>19th</sup> day of June | ,2015  |
|   | SIGNATURE  |
| WITNESS:                                  |  |
| V Cheeked Pey indicates 1 additional as   |  |

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INTERNATIONAL Application No. <u>14/418,132</u> Attorney Docket No. <u>5764-150392</u>

| 3. FULL NAME OF ASSIGNOR:               | RESIDENCE:  |
|---|---|
| Ki Young KIM                            | Pohang-si, Gyeongsangbuk-do, Republic of<br>Korea |
| EXECUTED this 19th day ofJune           | ,2015   |
| WITNESS:                                | SIGNATURE)  |
| *************************************** | ***************************************           |
| 4. FULL NAME OF ASSIGNOR:               | RESIDENCE:  |
| So Ra JUNG                              | Pohang-si, Gyeongsangbuk-do, Republic of<br>Korea |
| EXECUTED this 19th day ofJune           | . 2015<br>//W                                     |
| WITNESS:                                | SIGNATURE   |
| *************************************** | _   |
| 5. FULL NAME OF ASSIGNOR:               | RESIDENCE;  |
| Kee Uek JEUNG                           | Pohang-si, Gyeongsangbuk-do, Republic of<br>Korea |
| EXECUTED this 19th day ofJune           | ,2015 <del>M</del> .                              |
|   | SIGNATURE   |
| WITNESS:                                |   |

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| 6. FULL NAME OF ASSIGNOR:                 | RESIDENCE:  |
|---|---|
| Chang Ho SONG                             | Incheon, Republic of Korea                                |
| EXECUTED this 19th day ofJune             | ,2015   |
|   | Signature   |
| WITNESS:                                  | -   |
| 7. FULL NAME OF ASSIGNOR: Young Seek JANG | RESIDENCE: Pohang-si, Gyeongsangbuk-do, Republic of Korea |
| BXBCUTROLLIS 19th day of June             | 2015  Al on My SIGNATURE                                  |
| WITNESS:                                  | ang impide  |
|   | <del>-</del>  |

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PATENT REEL: 037137 FRAME: 0381