

Form PTO-1595 (Rev. 03-11)
OMB No 0651-0027 (exp. 03/31/2015)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION 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):

Jens M. Paulsen (03/05/2007), Sun Sik Shin
(03/08/2007), and Hong-Kyu Park (03/05/2007)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: LG Chem, Ltd.

Internal Address:

Street Address:

LG Twin Towers
20, Yeouido-dong
Yeongdeungpo-gu

City: Seoul

State:

Country: Republic of Korea Zip: 150-721

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other

4. Application or patent number(s):

A. Patent Application No.(s)

12/968,706

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kelly Y. Hwang
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLPInternal Address: Atty. Dkt.: LGCHEM 3.0-221 CON
(LGCHEM.280)

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: ataylor@ldikm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

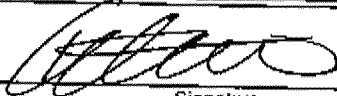
☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12-1095

Authorized User Name Kelly Y. Hwang

9. Signature:



Signature

September 21, 2012

Date

Kelly Y. Hwang - 51,831

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

WHEREAS We, Jens M PAULSEN of 6-101, LG Chem Sawon Apt., 386-1, Doryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea, Sun Sik SHIN of 103-1002, Worldcup Family Apt., 323-2, Jangdae-dong, Yuseong-gu, Daejeon 305-308, Republic of Korea, Hong-Kyu PARK of 301-1306, Songrimmaeul 3-danji Apt., Noeun-dong, Yuseong-gu, Daejeon 305-325, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

**STOICHIOMETRIC LITHIUM COBALT OXIDE AND METHOD FOR
PREPARATION OF THE SAME**

which claims priority to Republic of Korea Application Nos. 10-2006-0040969, filed on May 8, 2006 and 10-2006-0025116, filed on March 20, 2006, and for which We are about to file an application for Letters Patent of the United States;

AND WHEREAS, LG CHEM, LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Republic of Korea, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

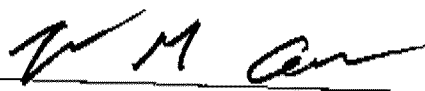
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that



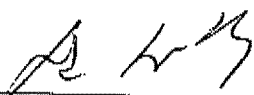
the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Date: Mar. 5th 2007

 L.S.
Jens M PAULSEN

Date: 2007.03.05

 L.S.
Sun Sik SHIN

Date: 03.05.07

 L.S.
Hong-Kyu PARK

