

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4084849

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PHIL HO LEE	12/24/2014
SEO HYUN SHIN	12/24/2014
DONG JIN KANG	12/24/2014
DA HAN EOM	12/24/2014
YEA RIN KIM	12/24/2014
YEON SEOK JEONG	12/24/2014
WON SEOK CHOI	12/24/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KNU-INDUSTRY COOPERATION FOUNDATION
<b>Street Address:</b>	1, GANGWONDAEHAK-GIL
<b>City:</b>	CHUNCHEON-SI, GANGWON-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	200-701
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15286408
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	PLS15302DIV
<b>NAME OF SUBMITTER:</b>	TRACI HANSON
<b>SIGNATURE:</b>	/Traci Hanson/
<b>DATE SIGNED:</b>	10/05/2016

PATENT

**Total Attachments: 2**

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## ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

1. LEE, Phil Ho, residing in Gangwon-do, Republic of Korea;
2. SHIN, Seo Hyun, residing in Gangwon-do, Republic of Korea;
3. KANG, Dong Jin, residing in Gangwon-do, Republic of Korea;
4. EOM, Da Han, residing in Gangwon-do, Republic of Korea;
5. KIM, Yea Rin, residing in Gangwon-do, Republic of Korea;
6. JEONG, Yeon Seok, residing in Gangwon-do, Republic of Korea;
7. CHOI, Won Seok, residing in Gangwon-do, Republic of Korea;

have invented an invention entitled as **NOVEL CYCLIC PHOSPHINATE DERIVATIVES AND METHOD OF PREPARING THE SAME**, for which I/we have executed an application for Letters Patent of the United States (check one):

( ) on the date I/we executed this assignment;  
(X) as U.S. Patent Application No. 14/598,143, filed January 15, 2015;  
( ) as International Application No. \_\_\_\_\_, filed \_\_\_\_\_;

I/we authorize the attorneys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date and application number of said application when known.

WHEREAS, KNU-INDUSTRY COOPERATION FOUNDATION, ("Assignee"), a Republic of Korea organization, having its principal place of business at 1, Gangwondaehak-gil, Chuncheon-si, Gangwon-do 200-701 Republic of Korea, is desirous of acquiring an interest therein;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignee, as the assignee of my/our entire right, title and interest in and to the same, for the sole use of the Assignee, its successors and assigns.

Further, I/we agree that I/we will communicate to Assignee, or its representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignee, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name: LEE, Phil Ho Signature: [Signature] Date: 2014.12.24

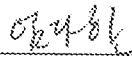
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2. Inventor Name: SHIN, Seo Hyun Signature: [Signature] Date: 2014.12.24

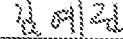
Witness Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

3. Inventor Name: KANG, Dong Jin Signature: [Signature] Date: 2014.12.24

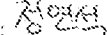
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4. Inventor Name: EOM, Da Han Signature:  Date: 2014. 12. 24

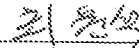
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5. Inventor Name: KIM, Yea Bin Signature:  Date: 2014. 12. 24

Witness Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

6. Inventor Name: JEONG, Yeon Seok Signature:  Date: 2014. 12. 24

Witness Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

7. Inventor Name: CHOI, Won Seok Signature:  Date: 2014. 12. 24

Witness Printed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_