502790195 04/30/2014

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG-SHIK SHIN	03/13/2014
EUL-SOO PARK	03/17/2014
M. SHAHEER MALIK	03/17/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14352269	

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NAME OF SUBMITTER:	GREGORY M. LEFKOWITZ	
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DATE SIGNED:	04/30/2014	

Total Attachments: 2

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PATENT 502790195 REEL: 032793 FRAME: 0287

ASSIGNMENT

WHEREAS, we, Jong-Shik SHIN, Eul-Soo PARK and M. Shaheer MALIK; have invented certain new and useful improvements in and to the invention entitled:

METHODS FOR PRODUCING OPTICALLY ACTIVE AMINE COMPOUNDS BY DERACEMIZATION

described in an application for Letters Patent filed on April 16, 2014 , and accorded U.S. Patent Application No. 14/352,269 , which is the national phase application of International Application No. PCT/KR2013/011574 filed December 13, 2013, which claims priority to South Korean Application No. 10-2012-0145526, filed December 13, 2012 and South Korean Application No. 10-2012-0145528, filed December 13, 2012 (hereinafter collectively the "Invention").

AND, WHEREAS, Industry-Academic Cooperation Foundation, Yonsei University, a Republic of Korea university, having an address at 50, Yonsei-ro, Seodaemun-gu, Seoul, 120-749, Republic of Korea; (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights in the Invention including all patents and patent applications thereto;

NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said Invention including said United States patent application(s), any other United States patent application(s), including provisional, divisional, renewal, substitute, continuation, continuation-in-part, reexamination and reissue applications, and extensions thereof based in whole or in part on said United States patent application or in whole or in part on said Invention, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said Invention, in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said Invention or any part(s) thereof, and in and to any right to claim priority to any of the aforesaid patents and/or patent applications;

PATENT REEL: 032793 FRAME: 0288 AND we hereby authorize and request, Duane Morris LLP, whose address is 5100 Town Center Circle, Suite 650, Boca Raton, Florida 33486 to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND we hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said Invention or any part(s) thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said Invention had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said Invention or any part(s) thereof when granted, to said ASSIGNEE;

IN WITNESS WHEREOF, we have hereunto set my hand and seal.

FOR ASSIGNOR: The Named Inv	entors	a v s
Date 14 13 2014	Inventor	Jong-Shik SHIN
Date Morch 12 204	Inventor	Eul-Soo PARK
Date March M. 2014	Inventor	Ma ITK M. Shaheer MALIK