

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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SIMON T. THOMPSON	03/31/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15081754
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DATE SIGNED:	04/01/2016
Total Attachments: 3	
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ASSIGNMENT

Pursuant to our obligation to North Carolina State University (hereinafter referred to as "Assignee"), an educational institution chartered and existing under the laws of the state of North Carolina having its principal place of business at:

Office of Technology Transfer
1021 Main Campus Drive, 2nd Floor
Raleigh, NC 27606

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

H. Henry Lamb
North Carolina State University
Office of Technology Transfer
1021 Main Campus Drive, 2nd Floor
Raleigh, NC 27606

Simon T. Thompson
North Carolina State University
Office of Technology Transfer
1021 Main Campus Drive, 2nd Floor
Raleigh, NC 27606

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to inventions described in a patent application titled "PALLADIUM, RHENIUM AND ALUMINA CATALYSTS FOR THE SELECTIVE HYDROGENATION OF CARBONYLS, THEIR SYNTHESIS, AND METHODS OF USING THE SAME" for which we filed United States Utility Application No. 15/081,754 on March 25, 2016 (Atty. File No. 030871-9034-US02); (hereinafter the "U.S. utility application") which application claims the benefit of United States Provisional Patent Application No. 62/138,952 filed March 26, 2015 (hereinafter the "U.S. provisional patent application");

(2) in and to the U.S. utility patent application and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on the U.S. utility patent application and the U.S. provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

3/30/16

Date



H. Henry Lamb

Date

Simon T. Thompson

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on the U.S. utility patent application and the U.S. provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date

H. Henry Lamb

Date

3/31/16

Simon T. Thompson