

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3658163

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YAROSLAVA GEORGIEVNA YINGLING	12/11/2015
HOSHIN KIM	12/11/2015
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<b>City:</b>	RALEIGH
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14961237
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<b>ATTORNEY DOCKET NUMBER:</b>	E023-0054US
<b>NAME OF SUBMITTER:</b>	JANIS ABBOTT
<b>SIGNATURE:</b>	/Janis Abbott/
<b>DATE SIGNED:</b>	12/15/2015
<b>Total Attachments: 2</b>	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number..... 14/961,237  
Filing Date..... December 7, 2015  
Inventorship..... Clendennen et al.  
Applicant..... Eastman Chemical Company et al.  
Attorney's Docket No. .... E023-0054US  
Client Docket No. .... 15274  
Title: CALB Variants

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Yaroslava Georgievna Yingling  
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Raleigh, NC 27612  
Citizenship: South Korea

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"CALB Variants" for which:

☐ a provisional application for United States Letters Patent was filed on \_\_\_\_\_ and  
was given U.S. Serial No. \_\_\_\_\_ and/or

☒ a non-provisional application for United States Letters Patent was:

☒ filed on December 7, 2015 and was given U.S. Serial No. 14/961,237; or  
filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane,

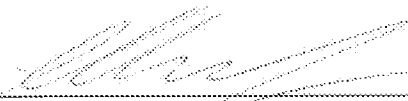
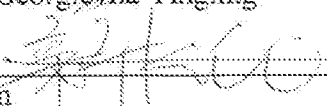
Washington 99201, who are associated with customer number 29150, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, North Carolina State University (hereinafter referred to as ASSIGNEE), a corporation of the State of North Carolina having a place of business at Office of Technology Transfer, 1021 Main Campus Drive, 2nd Floor, Raleigh, North Carolina 27606, desires to acquire the entire right, title and interest in and to the invention and in and to any letters patent that may be granted in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent.

12/11/2015  
Date

12/11/2015  
Date

  
Yaroslava Georgiyevna Yingling  
  
Hoshin Kim