

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAY W. GRATE	12/15/2014
KAI-FOR MO	12/08/2014
MICHAEL D. DAILY	12/08/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BATTELLE MEMORIAL INSTITUTE
<b>Street Address:</b>	902 BATTELLE BOULEVARD
<b>City:</b>	RICHLAND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	99352
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62045499
<b>Application Number:</b>	14556021
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)595-5301
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	503-595-5300
<b>Email:</b>	julie.morgan@klarquist.com
<b>Correspondent Name:</b>	KLARQUIST SPARKMAN, LLP
<b>Address Line 1:</b>	121 S.W. SALMON STREET, SUITE 1600
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	23-93604-02_JPS
<b>NAME OF SUBMITTER:</b>	JOHANNA P. SCHWARTZ
<b>SIGNATURE:</b>	/Johanna P. Schwartz/
<b>DATE SIGNED:</b>	12/30/2014
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, we, Jay W. Grate, of Richland, Washington, Kai-For Mo, of Richland, Washington, and Michael D. Daily, of Richland, Washington, have invented a certain invention entitled Synthetic Polymers and Methods of Making and Using the Same, and described at least in part in the following patent applications:

U.S. Provisional Patent Application No. 62/045,499, filed on September 3, 2014, entitled  
“SYNTHETIC SEQUENCE-DEFINED POLYMERS” and

U.S. Patent Application No. 14/556,021, filed on November 28, 2014, entitled  
“SYNTHETIC POLYMERS AND METHODS OF MAKING AND USING THE  
SAME,”

which invention and applications are collectively referred to as “the Invention.”

WHEREAS, Battelle Memorial Institute, a corporation organized under the laws of the State of Ohio, having a place of business at 902 Battelle Boulevard, Richland, Washington, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Jay W. Grate, Kai-For Mo, and Michael D. Daily hereby sell, assign, and transfer to Battelle Memorial Institute, the full and exclusive right, title, and interest in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Battelle Memorial Institute, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Battelle Memorial Institute, or its successors and assigns, any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and

do everything possible to aid Battelle Memorial Institute, its successors, and assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country.

We confirm that, at the time the invention was made, we were under an obligation to assign the invention to Battelle Memorial Institute.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Jay W. Grate  
Jay W. Grate

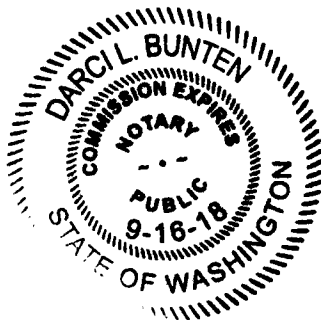
At Richland, WA  
(City and State)  
on this 15<sup>th</sup> day of December, 2014.

STATE OF Washington )  
COUNTY OF Benton ) ss.

This 15<sup>th</sup> day of December, 2014, before me personally came the above-named Jay W. Grate, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Jay W. Grate's own free will for the purpose set forth therein.

Darci L. Buntin  
Notary Public For State of WA  
My commission expires: 9/16/18

[SEAL]



Kai For Mo

Kai-For Mo

At Richland, WA

(City and State)

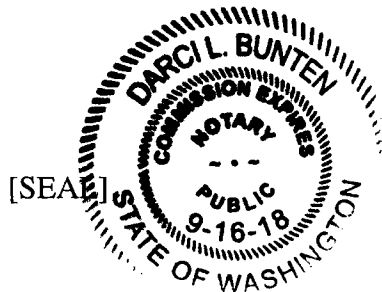
on this 8<sup>th</sup> day of December, 2014.

STATE OF Washington )

COUNTY OF Benton )

ss.

This 8<sup>th</sup> day of December, 2014, before me personally came the above-named Kai-For Mo, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Kai-For Mo's own free will for the purpose set forth therein.



Darci L. Buntin  
Notary Public For State of WA  
My commission expires: 9/16/18

Mike Daily  
Michael D. Daily

At Richland, WA  
(City and State)  
on this 8<sup>th</sup> day of December, 2014.

STATE OF Washington )  
COUNTY OF Benton ) ss.

This 8<sup>th</sup> day of December, 2014, before me personally came the above-named Michael D. Daily, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Michael D. Daily's own free will for the purpose set forth therein.



Darci L. Buntin  
Notary Public For State of WA  
My commission expires: 9/16/18