

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
UNIVERSITY OF MINNESOTA			07/19/2018
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	UNITED STATES DEPARTMENT OF ENERGY		
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<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	15773992		
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<b>DATE SIGNED:</b>	11/22/2019		
<b>Total Attachments: 1</b>			
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## CONFIRMATORY LICENSE

**Title of Invention:** Methods of Forming Aromatic Containing Compounds

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**Patent Application Serial No:** 15/773,992

**Filing Date** 05/04/2018

**Patent Number:**

**Issue Date:**

**Name of Contractor** (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable):  
Regents of the University of Minnesota

**DOE Contract No.** (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable):  
DE-SC0001004

**DOE Case No.:** S-143,659

**Contractor Docket No.:** 20160180

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

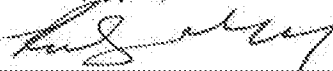
It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 19<sup>th</sup> day of July, 2018

Regents of the University of Minnesota

Contractor Name (Typed)



Official's Name and Title (Typed) Rebecca Gerber, Associate Director

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