

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KARTHIKEYAN KALLUPALAYAM RAMASAMY	09/23/2022
MOND F. GUO	01/31/2023
SENTHIL SUBRAMANIAM	01/30/2023
UDISHNU SANYAL	01/26/2023
CASPER O. BRADY	01/26/2023
RECEIVING PARTY DATA	
Name:	BATTELLE MEMORIAL INSTITUTE
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State/Country:	WASHINGTON
Postal Code:	99352
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	63024362
Application Number:	17301204
Application Number:	17951385
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NAME OF SUBMITTER:	DEREK H. MAUGHAN
SIGNATURE:	/ DEREK H. MAUGHAN /
DATE SIGNED:	02/01/2023

Total Attachments: 8

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ASSIGNMENT OF PATENT RIGHTS

Karthikeyan Kallupalayam Ramasamy
Mond F. Guo
Senthil Subramaniam
Udishnu Sanyal
Casper O. Brady

To
Battelle Memorial Institute

WHEREAS, we, Karthikeyan Kallapalayam Ramasamy of West Richland, County of Benton, State of Washington; Mond F. Guo of Richland, County of Benton, State of Washington; Senthil Subramaniam of Richland, County of Benton, State of Washington, Udishnu Sanyal of Richland, County of Benton, State of Washington; and Casper O. Brady of Richland, County of Benton, State of Washington; hereinafter INVENTORS, are the original inventors of certain inventions related to, PROCESSES FOR THE CONVERSION OF MIXED OXYGENATES FEEDSTOCKS TO HYDROCARBON FUELS including those, described and claimed in various disclosures and patent applications including:

U.S. Patent Application No. 17/951,385, filed September 23, 2022, Entitled: Processes for the Conversion of Mixed Oxygenates Feedstocks to Hydrocarbon Fuels

U.S. Patent Application No. 17/301,204 filed May 12, 2021, Entitled: Processes for the Conversion of Mixed Oxygenates Feedstocks to Hydrocarbon Fuels

Provisional Application No. 63/024,362, filed May 13, 2020, Entitled: Processes for the Conversion of Mixed Oxygenates Feedstocks to Hydrocarbon Fuels

; collectively referred to hereinafter as INVENTIONS.

For which we hereby authorize to be made any and all applications for Patent in the United States and any other country for such INVENTIONS.

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland,

Washington, has by prior agreement acquired all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, We the INVENTORS do hereby reaffirm said assignment and do hereby confirm by these presents the sale, assignment and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and We each do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

We each further covenant and agree that we each will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that each of us will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

We each further reaffirm the assignment unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in all patent applications, and priority document throughout all countries including but not limited to those foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for any and all patents therefor in its own name in any such countries where such procedure is proper and to claim the

benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

We do further hereby acknowledge that any willful false statements made in this assignment is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years or both.

Accepted by Battelle Memorial Institute:

Executed at Richland, State of Washington, this 1st day of February, 2023.



Derek H. Maughan
Intellectual Property Legal Services

Executed at Richland, State of Washington, this 23 day of September , 2022.

/Karthikeyan Kallupalayam Ramasamy /

Karthikeyan Kallupalayam Ramasamy

Executed at Richland, State of Washington, this __31__ day of __January_____, 2023.

Mond F. Guo
Mond F. Guo

Executed at Richland, State of Washington, this 30th day of January, 2023.

/Senthil Subramaniam/

Senthil Subramaniam

Executed at Richland, State of Washington, this 26 day of January, 2023.

/Udishnu Sanyal/

Udishnu Sanyal

Executed at ~~Richland~~, State of ~~Washington~~, this 26th day of January, 2023.
Pasadena California

Casper O. Brady
Casper O. Brady