

## 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>
MORTAZA DERAKHSHANI MOLAYOUSEFI	07/23/2020
MARTIN MCCULLAGH	05/27/2020
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<b>City:</b>	FORT COLLINS
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80526
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16998613
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<b>SIGNATURE:</b>	/Katherine Shepherd/
<b>DATE SIGNED:</b>	06/21/2022
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, **Mortaza Derakhshani Molayousefi** of Fort Collins, CO; and **Martin McCullagh** of Stillwater, OK, hereby assign to **Colorado State University Research Foundation**, a corporation of Colorado, having a place of business at 2537 Research Blvd, Suite 200, Fort Collins, CO 80526, and its successors and assigns (collectively hereinafter “the Assignee”), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled “**DETECTING AGGREGATION OF ASPHALTENES USING RESINS**,” filed August 20, 2019, and assigned U.S. Provisional Patent Application No. **62/889,546**, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 07/23/20

Mortaza Derakhshani. M  
Mortaza Derakhshani Molayousefi

WITNESSED BY:

A. Nowroozpour  
Signature of Witness

[Signature]  
Signature of Witness


Hineza Nowroozpour  
Name of Witness

Karim Farokhnia  
Name of Witness

07/23/20  
Date


7/23/2020  
Date

Date: 5/27/2020

  
\_\_\_\_\_  
Martin McCullagh

**WITNESSED BY:**

  
\_\_\_\_\_  
Signature of Witness

  
\_\_\_\_\_  
Signature of Witness

Katherine Roseau  
\_\_\_\_\_  
Name of Witness

Christopher Fennell  
\_\_\_\_\_  
Name of Witness

5/27/2020  
\_\_\_\_\_  
Date

5/27/2020  
\_\_\_\_\_  
Date

5/27/2020