

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4972014

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BASHAR KAHALEH	05/11/2018
NEZAM ALTOROK	05/11/2018
SAI HS. BODDU	05/16/2018
VIVEK NAGARAJA	05/11/2018
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	TOLEDO
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15757833
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(419)255-9639
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<b>Phone:</b>	4192555900
<b>Email:</b>	docketing@mstfirm.com
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<b>ATTORNEY DOCKET NUMBER:</b>	57311-US-PCT/D2015-43
<b>NAME OF SUBMITTER:</b>	CATHERINE B. MARTINEAU
<b>SIGNATURE:</b>	/Catherine B. Martineau/
<b>DATE SIGNED:</b>	05/22/2018
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

57311-US-PCT/D2015-43

WHEREAS the undersigned inventor(s),

*Bashar Kahaleh,  
Nezam Altorok,  
Sai HS. Boddu, and  
Vivek Nagaraja,*

have made certain inventions in

*Treatment of Raynaud's Phenomenon by Inhibition of Transient Receptor  
Potential Meastatin 8 (TRPM-8),*

filed as a *United States Serial No. 15/757,833*, filed *March 6, 2018*, which claims priority to *PCT/US2016/050500*, filed *September 7, 2016*, which claims the benefit of *United States Provisional Application No. 62/215,529*, filed on *September 8, 2015*, and

WHEREAS, *The University of Toledo*, of *2801 W. Bancroft Street, Toledo, Ohio, 43606* organized and operating in the State of Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by the inventors, (all collectively hereinafter termed the "invention"), and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of good and valuable considerations, the receipt of which is hereby acknowledged, I / we have sold, assigned, and transferred, and by these presents do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I / we further covenant and agree that I / we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I / we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and each and every reissue, reexamination, or extensions of any of said Patent(s) that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And I / we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for 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 assignee, as well as all other necessary papers.

ASSIGNMENT

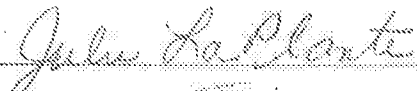
57311-US-PCT/D2015-43

I/ We 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 Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

5/11/18  
Date

  
Bashar Kahaleh

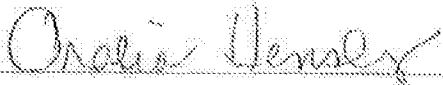
WITNESSED BY:



Printed Name: Julie LaPlante

Date: 5/11/18

WITNESSED BY:



Printed Name: Oralia Hensley

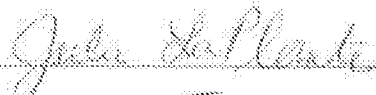
Date: 5/11/18



5/11/18  
Date

  
Nezam Altork

WITNESSED BY:



Printed Name: Julie LaPlante

Date: 5/11/18

WITNESSED BY:



Printed Name: Oralia Hensley

Date: 5/11/18

ASSIGNMENT

57311-US-PCT/D2015-43

Date: 05/16/2018

Sai H.S. Boddu  
Sai H.S. Boddu

WITNESSED BY:

Rabin

Printed Name: Rabin Neupane

Date: 05/16/2018

WITNESSED BY:

Kabita

Printed Name: Kabita Guoachha

Date: 05/16/2018



Date: \_\_\_\_\_

Vivek Nagaraja

WITNESSED BY:

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

WITNESSED BY:

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

ASSIGNMENT

57311-US-PCT/D2015-43

Date

*Sai HS, Boddu*

WITNESSED BY:

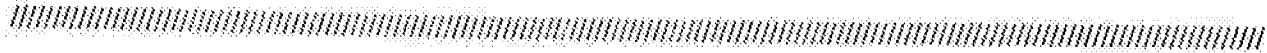
Printed Name:

Date:

WITNESSED BY:

Printed Name:

Date:



*5/11/2018*

Date

*Vivek Nagaraja*

WITNESSED BY:

Printed Name:

*Erica Bush*

Date:

*5/11/2018*

WITNESSED BY:

Printed Name:

*Monica Samborn*

Date:

*5/11/2018*