# 506396348 12/10/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6443104 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JARED M. TAYLOR	11/11/2020
ROGER K. MAH	11/09/2020
GEORGE K. H. SHIMIZU	11/20/2020

# **RECEIVING PARTY DATA**

Name:	UTI LIMITED PARTNERSHIP	
Street Address:	3655 36 STREET NW	
City:	CALGARY, ALBERTA	
State/Country:	CANADA	
Postal Code:	T2L 1Y8	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17050008

# **CORRESPONDENCE DATA**

**Fax Number:** (312)616-5700

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.

**Phone:** (720) 795-7976

**Email:** cnelson@leydig.com, assignments@leydig.com

Correspondent Name: LEYDIG, VOIT & MAYER, LTD.

Address Line 1: 4785 PEARL EAST CIRCLE, SUITE 301

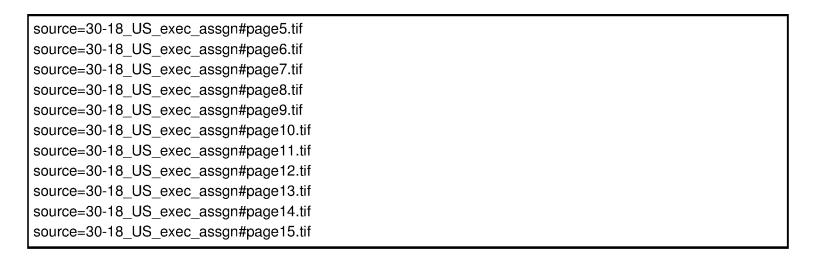
Address Line 4: BOULDER, COLORADO 80301

ATTORNEY DOCKET NUMBER:	338590: 30-18 US
NAME OF SUBMITTER:	SALLY A. SULLIVAN
SIGNATURE:	/sallyasullivan/
DATE SIGNED:	12/10/2020

# **Total Attachments: 15**

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PATENT 506396348 REEL: 054606 FRAME: 0772



PATENT REEL: 054606 FRAME: 0773

#### **ASSIGNMENT**

WHEREAS, I/WE:

1. Assignor:

Jared M. TAYLOR

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

2. Assignor:

Roger K. MAH

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

3. Assignor:

George K. H. SHIMIZU

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

### SYNTHESIS OF ZINC MOF MATERIALS

for which the following patent application:

Item	Country Code	Application Serial No.	Filing Date
1	US	62/662,661	April 25, 2018
2	wo	PCT/CA2019/050530	April 25, 2019
3	US	17/050,008	October 23, 2020

was submitted or filed (collectively, the "LISTED APPLICATION");

AND WHEREAS, Assignee: UTI LIMITED PARTNERSHIP

(herein called "ASSIGNEE"), an entity organized and existing under the laws of Canada, having a principal place of business at:

3655 36 Street NW Calgary, Alberta, T2L 1Y8 CANADA

is desirous of obtaining my/our entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention and discoveries disclosed in the LISTED APPLICATION, and the LISTED APPLICATION and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection,

including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention and discoveries in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the benefit of priority of said inventions, discoveries, and patent applications listed herein, including the LISTED APPLICATION and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is/are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention and discoveries in any and all countries;

AND I HEREBY further agree that this Assignment does not create any agency, employment, or partnership relationship between the parties;

AND I HEREBY further agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground;

AND I HEREBY further agree that should any provision of this Assignment be determined to be void, unenforceable, or against public policy, such provision may altered in time or scope in order to give effect to such provision. If such alternation is not possible, such provision shall be deemed severed from this Assignment and the balance of this Assignment shall remain in full force and effect, so long as the original intent of this Assignment remains substantially intact.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

[THIS SPACE LEFT BLANK]]

Assignor 1:		
November II, 2020 Date	(sign) Jared M. TAYLOR	
I acknowledge that I was persona known to me, duly execute the abo	Certificate of Witness ally present and did see the above person, who is personally ove assignment on the date therein set forth.	
William 7 19 11 1202	(sign)	
Date	(print full name) Abigail Taylor	
(address) 533 Shawings	(sign) (print full name) Abigail Taylor  Abigail Taylor  AD DV SN Colgan, 43 Try 225	
neer		
Assignor 2:		
	(sign)	
Date	ROGER K. MAH	
Certificate of Witness  I acknowledge that I was personally present and did see the above person, who is personally known to me, duly execute the above assignment on the date therein set forth.		
Witness:		
	(sign)	
Date	(print full name)	
(address)		
Control Contro		

Additional Assignors on additional sheets: YES

4 of 5

Assignor 3:	
	(sign)
Date	George K. H. SHIMIZU
	Certificate of Witness  personally present and did see the above person, who is personally the above assignment on the date therein set forth.
	(sign)
Date	(print full name)
(address)	

Additional Assignors on additional sheets: NO

### ASSIGNMENT

WHEREAS, I/WE:

1. Assignor:

Jared M. TAYLOR

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

2. Assignor:

Roger K. MAH

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

3. Assignor:

George K. H. SHIMIZU

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

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# SYNTHESIS OF ZINC MOF MATERIALS

for which the following patent application:

Item	Country Code	Application Serial No.	Filing Date
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3	US	17/050,008	October 23, 2020

was submitted or filed (collectively, the "LISTED APPLICATION");

AND WHEREAS, Assignee: UTI LIMITED PARTNERSHIP

(herein called "ASSIGNEE"), an entity organized and existing under the laws of Canada, having a principal place of business at:

3655 36 Street NW Calgary, Alberta, T2L 1Y8 CANADA

is desirous of obtaining my/our entire right, title and interest in, to and under the said invention and the said LISTED APPLICATION;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the invention and discoveries disclosed in the LISTED APPLICATION, and the LISTED APPLICATION and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues, reexaminations, and extensions thereof; and all applications for industrial property protection,

including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention and discoveries in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the benefit of priority of said inventions, discoveries, and patent applications listed herein, including the LISTED APPLICATION and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is/are filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and any and all claims, causes of action, and damages for past, present, and future infringement or other unauthorized use of the above items, along with the right to sue for and to collect damages and other relief;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

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AND I HEREBY further agree that this Assignment does not create any agency, employment, or partnership relationship between the parties;

AND I HEREBY further agree that this Assignment shall not be construed against any party on the ground that such party was responsible for the preparation of this Assignment, or on any related ground;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

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1 1999 - 1 1999 - 1999	
	(sign)Jared M. TAYLOR
Date	Jared M. I ATLUK
	Certificate of Witness
I acknowledge that I was person known to me, duly execute the a	nally present and did see the above person, who is personal bove assignment on the date therein set forth.
Witness:	
	(sign)
Date	(print full name)
(address)	
*	
Assignor 2:	
Assignor 2:	(sign)
Nov 09/2020	(sign) ROGER K. MAH
Nov 09/2020	ROGER K. MAH
Nov 09/2020 Date acknowledge that I was persor	ROGER K. MAH  Cedificate of Witness
Nov 09/2020 Date acknowledge that I was persor known to me, duly execute the at Witness:	ROGER K. MAH  Certificate of Wilness  nally present and did see the above person, who is persons
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Nov 09/2020 Date I acknowledge that I was persor known to me, duly execute the all witness:  Hacknowledge that I was persor to the all witness:  Date Nov 09/1202-0	ROGER K. MAH  Certificate of Witness hally present and did see the above person, who is persons bove assignment on the date therein set forth.  (sign)  (print full name) ALYA YUEN YIV WOD
Nov 09/2020 Date I acknowledge that I was persor known to me, duly execute the all witness:  Hacknowledge that I was persor to the all witness:  Date Nov 09/1202-0	ROGER K. MAH  Certificate of Witness  nally present and did see the above person, who is persons bove assignment on the date therein set forth.  (sign)
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4 of 5

PATENT REEL: 054606 FRAME: 0782

Assignor 3:		
Date	(sign) George K. H. SHIMIZU	
Date		
Certificate of Witness I acknowledge that I was personally present and did see the above person, who is personall known to me, duly execute the above assignment on the date therein set forth.  Witness:		
	(sign)	
Date	(print full name)	
(address)		
<del></del>		

Additional Assignors on additional sheets: NO

### **ASSIGNMENT**

WHEREAS, I/WE:

1. Assignor:

Jared M. TAYLOR

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

1N4, CANADA

2. Assignor:

Roger K. MAH

of address

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1N4. CANADA

3. Assignor:

George K. H. SHIMIZU

of address

University of Calgary, 2500 University Drive NW, Calgary, Alberta T2N

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338590; 30-18 US

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

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3 of 5

PATENT REEL: 054606 FRAME: 0786

Assignor 1:	
······································	
	(ninul)
Date	(sign)
Date	
	Certificate of Witness
	y present and did see the above person, who is personally ve assignment on the date therein set forth.
known to me, duly execute the above	re assignment on the date therein set forth.
Witness:	
	(sign)
Date	(print full name)
(address)	
<del></del>	
<u>Assignor 2:</u>	
	(sign)
Date	ROGER K. MAH
	Certificate of Witness
I acknowledge that I was personall	y present and did see the above person, who is personally
	re assignment on the date therein set forth.
** ***********************************	
Witness:	
	(sign)
Date	(print full name)
(address)	
(authoss)	
·	

Additional Assignors on additional sheets: YES

Assignor 3:	122
Nov. 20/2020	(sign)
Date	George K. H. SHIMIZÜ
I acknowledge that I was person known to me, duly execute the all Witness: Nov 25/30	Certificate of Witness nally present and did see the above person, who is personally bove assignment on the date therein set forth.
Date (Coldman)	(print full name) Lisa Ski wizy
(address) 73 CRESTHAVEN	RISE SW, CALGARY, AB, 73B-5×9

Additional Assignors on additional sheets: NO

5 of 5