

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4811699

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DARRYL J. ADAMKO	12/06/2017
ANAS EL-ANEED	12/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF SASKATCHEWAN
<b>Street Address:</b>	15 INNOVATION BLVD
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<b>City:</b>	SASKATOON
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	SK S7N 2X8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15579524
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)863-0223
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<b>ATTORNEY DOCKET NUMBER:</b>	2483US-1
<b>NAME OF SUBMITTER:</b>	ROBERT D. TRAVER
<b>SIGNATURE:</b>	/Robert D. Traver/
<b>DATE SIGNED:</b>	02/06/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, we, **Darryl J. ADAMKO** of 23 Brookmore View, Saskatoon, Saskatchewan, S7V 0B1, CANADA, **Anas EL-ANEED** of 103 – 285 Kingsmore Blvd., Saskatoon, Saskatchewan, S7J 4J6, CANADA, have invented a certain new and useful invention entitled **IMPROVED DIAGNOSIS OF ASTHMA VERSUS CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) USING URINE METABOLOMIC ANALYSIS**, for which a United States Patent Application has been prepared and filed on December 4, 2017, receiving Serial No. 15/579,524, and further identified as Attorney File No. 2483US-2.

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, **UNIVERSITY OF SASKATCHEWAN**, a university having a place of business at Suite 250, 15 Innovation Blvd., Saskatoon, SK S7N 2X8, CANADA, its successors, legal representatives and assigns, the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention,

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application or patent therefor to a party other than UNIVERSITY OF SASKATCHEWAN, a university, and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: Dec 6/17

  
Darryl J. ADAMKO

PROVINCE OF Saskatchewan }  
COUNTRY OF CANADA }

#### CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Darryl J. Adamko, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness 

Name of Witness Robin Erickson

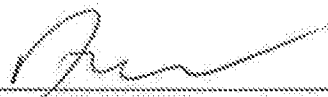
Address of Witness 103 Hospital Dr, Saskatoon, SK S7N 0W8

\*\*\*\*\*

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IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: Dec 6, 2017

  
Anas EL-ANEED

PROVINCE OF \_\_\_\_\_ )  
COUNTRY OF CANADA \_\_\_\_\_ )

### CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Anas El-Aneed, who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness Randy Purves

Name of Witness Randall W. Purves

Address of Witness 111 Eastman Cove, Saskatoon, SK S7N 4K9

\*\*\*\*\*  
IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Per:   
for Chair, Board of Governors  
University of Saskatchewan

Date: Nov 28/17

PROVINCE OF Saskatchewan )  
COUNTRY OF CANADA \_\_\_\_\_ )

### CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Johannes Dyring who is personally known to me, duly execute the above assignment on the date therein set forth.

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Signature of Witness Jennifer Gates  
Name of Witness Jennifer Gates  
Address of Witness 250-15 Innovation Blvd.

\*\*\*\*\*

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Per: [Signature]  
for Secretary, Board of Governors  
University of Saskatchewan

Date: 29 Nov 2017

PROVINCE OF Saskatchewan )  
COUNTRY OF CANADA )

#### CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see KEVIN VERGHEIMER  
who is personally known to me, duly execute the above assignment on the date therein  
set forth.

Signature of Witness [Signature]  
Name of Witness Brittany Walsh  
Address of Witness 110 Science Place