

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4264815

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	OLEKSII SEMENIUK	04/12/2016
	ALLA REZNIK	04/26/2016
	VLAD SUKHOVATKIN	04/29/2016
RECEIVING PARTY DATA		
Name:	THUNDER BAY REGIONAL RESEARCH INSTITUTE	
Street Address:	980 OLIVER ROAD	
Internal Address:	RM 3011	
City:	THUNDER BAY, ON	
State/Country:	CANADA	
Postal Code:	P7B 6V4	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15427247	
CORRESPONDENCE DATA		
Fax Number:	(703)739-9889	
<i>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.</i>		
Phone:	703-739-9888	
Email:	DOWELL@DOWELLPC.COM	
Correspondent Name:	DOWELL & DOWELL, P.C.	
Address Line 1:	2560 HUNTINGTON AVE, SUITE 203	
Address Line 4:	ALEXANDRIA, VIRGINIA 22303	
ATTORNEY DOCKET NUMBER:	19861	
NAME OF SUBMITTER:	RALPH A. DOWELL	
SIGNATURE:	/RALPH A. DOWELL/	
DATE SIGNED:	02/08/2017	
Total Attachments: 5		
source=19861signedassignment#page1.tif		
source=19861signedassignment#page2.tif		
source=19861signedassignment#page3.tif		

source=19861signedassignment#page4.tif

source=19861signedassignment#page5.tif

WORLDWIDE ASSIGNMENT

We, Oleksii SEMENIUK, Alla REZNIK and Vlad SUKHOVATKIN, whose full post office addresses are 103 Stardust Crescent, Apt. 12, Thunder Bay, Ontario, P7A 6G7 Canada; 129 Mickelson Drive, Shuniah, Ontario, P7A 6N3 Canada and 2043 Family Crescent, Mississauga, Ontario L4X 1G7, respectively, have invented AMORPHOUS LEAD OXIDE BASED ENERGY DETECTION DEVICES AND METHODS OF MANUFACTURE THEREOF, for which the U.S. provisional patent application was filed:

Filing Date: February 8, 2016

Serial No. 62/292,478

in consideration of Two Dollars (\$2.00) paid to us, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, WE by these presents confirm that WE have sold, transferred and assigned and do hereby sell, transfer and assign to THUNDER BAY REGIONAL RESEARCH INSTITUTE, ("Assignee"), having offices at, 980 Oliver Road, Rm 3011, Thunder Bay, Ontario, Canada P7B 6V4, its successors and assigns or nominees, all OUR rights, title and interest in the United States and all and all other countries of the world in and to OUR invention as fully described and claimed in the United States patent application, and WE sell, assign and transfer to THUNDER BAY REGIONAL RESEARCH INSTITUTE all OUR rights to apply for patent on said invention in the United States and all other countries of the world including any and all full utility applications, divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, any design applications originating therefrom, International PCT patent applications and all national phase applications and all OUR corresponding rights, title and interest in and to any patent which may issue therefor in the United States and all other countries of the world, to have and to hold for THUNDER BAY REGIONAL RESEARCH INSTITUTE own use and THUNDER BAY REGIONAL RESEARCH INSTITUTE successors and assigns as fully and entirely as the same might be enjoyed by Oleksii SEMENIUK, Alla REZNIK and Vlad SUKHOVATKIN if this sale had not been made.

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of THUNDER BAY REGIONAL RESEARCH INSTITUTE.

AND WE authorize Hill & Schumacher, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario M4V 2G7, Canada to enter the particulars of the signature and particulars of the Declaration of Witness when missing.

This assignment can be signed in counterparts.

Signed at (city/town) Georgetown, ON

This 12 day of April, 2016.



Oleksii SEMENIUK

DECLARATION OF WITNESS

I, Red WARDLAW, whose full post office address is 37 MILLWATER CRES, Aurora, ON, hereby declare that that I was personally present and did see Oleksii SEMENIUK, who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) Georgetown, ON

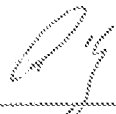
This 12 day of April, 2016.



(Signature of Witness)

Signed at (city/town) Thunder Bay

This 26 day of April, 2016.

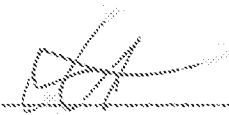

Alla REZNIK

DECLARATION OF WITNESS

I, Aleksandr Bubon, whose full post office address
is 1937 Isabella St. E Thunder Bay, ON, CANADA hereby declare that
that I was personally present and did see Alla REZNIK, who is personally known to me
to be the person named in the above assignment duly sign and execute the same.

DECLARE at (city/town) Thunder Bay

This 26th day of April, 2016.


(Signature of Witness)

Signed at (city/town) Thunder Bay, ON

This 29 day of April, 2016.


Vlad SUKHOVATKIN

DECLARATION OF WITNESS

I, Daniel Vassili, whose full post office address
is 1874 Oliver Rd, Thunder Bay, P7G1P1, hereby declare that
that I was personally present and did see Vlad SUKHOVATKIN, who is personally
known to me to be the person named in the above assignment duly sign and execute
the same.

DECLARE at (city/town) Thunder Bay

This 29 day of April, 2016.


(Signature of Witness)

ACCEPTANCE

The Assignee accepts this assignment.

Signed at (city/town) Thunder Bay

This 4th day of May, 2016.

THUNDER BAY REGIONAL RESEARCH INSTITUTE

Signature: [Signature]

Name: Peter Myllymaa

Position: Chief Operating Officer

DECLARATION OF WITNESS

I, Lisa Niccoli, whose full post office address
is 211 Hampton St, Shuniah ON P40S hereby declare that I was
personally present and did see Peter Myllymaa who is personally
known to me to be the person that has duly signed and executed the above assignment
on behalf of Assignee.

DECLARED at (city/town) Thunder Bay

This 4th day of May, 2016.

[Signature]

(Signature of Witness)