

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4659086

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VADIM BACKMAN	10/02/2014
HARIHARAN SUBRAMANIAN	09/17/2014
JEREMY D. ROGERS	09/15/2014
JOHN E. CHANDLER	09/19/2014
CRAIG WHITE	08/28/2014
LUSIK CHERKEZYAN	09/22/2014
RECEIVING PARTY DATA	
Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15794101
CORRESPONDENCE DATA	
Fax Number:	(858)720-5799
<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>	
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Email:	patentprocurement@perkinscoie.com
Correspondent Name:	ELLEN L. SMITH
Address Line 1:	P.O. BOX 1247
Address Line 4:	SEATTLE, WASHINGTON 98111
ATTORNEY DOCKET NUMBER:	112795-8003.US02
NAME OF SUBMITTER:	ELLEN L. SMITH
SIGNATURE:	/Ellen L. Smith/
DATE SIGNED:	10/26/2017
Total Attachments: 7	

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ASSIGNMENT

Serial No: 14/339,239
Filing Date: July 23, 2014
Title of U.S. Patent Application: **High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods**

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

ASSIGNEE: Northwestern University:

On behalf of Northwestern University, Assignee, the authorized signatory below, hereby confirms Assignee's acceptance of all rights, privileges, titles and interests conveyed by this Assignment.

Signature: Beverly R. Milligan Date: 10/16/14
Name: Beverly R. Milligan
Title: Invention Specialist, Innovation and New Ventures Office (INVO)

Undersigned (ASSIGNORS):

Vadim Backman 10/07/14
Inventor Name: Vadim Backman DATE

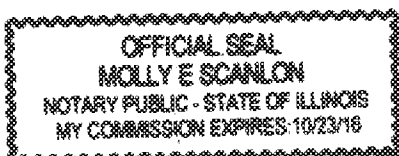
State of IL
County of Cook ss.

On this 2 day of October, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Molly E Scanlon
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16




Serial No: 14/339,239

Filing Date: Jul 23, 2014

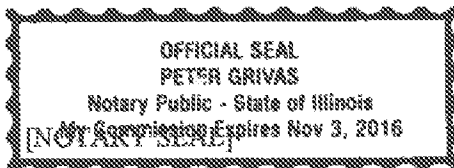
Title of U.S. Patent Application: High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods

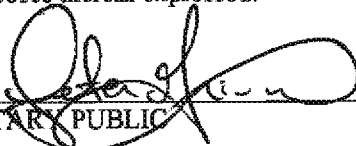
Undersigned (ASSIGNORS) continued:


Inventor Name: Hariharan Subramanian 09/17/2014
DATE

State of ILLINOIS ss.
County of LAKE

On this 17 day of September, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.




NOTARY PUBLIC

My Commission Expires: Nov 3, 2016

Serial No: 14/339,239

Filing Date: Jul 23, 2014

Title of U.S. Patent Application: High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods

Undersigned (ASSIGNORS) continued:

Jeremy D. Rogers 9/15/2014
Inventor Name: Jeremy D. Rogers DATE

State of Wisconsin
County of Dane ss.

On this 15th day of September, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Dina Christenson
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: April 03, 2016

Serial No: 14/339,239

Filing Date: Jul 23, 2014

Title of U.S. Patent Application: **High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods**

Undersigned (ASSIGNORS) continued:

John E. Chandler 9/19/14
Inventor Name: John E. Chandler DATE

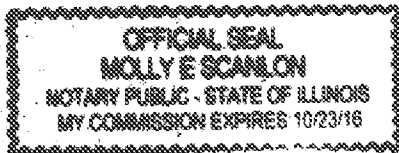
State of IL
County of Cook ss.

On this 19 day of September, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Molly E Scanlon
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16

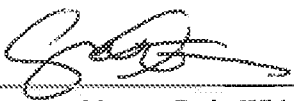


Serial No: 14/339,239

Filing Date: Jul 23, 2014

Title of U.S. Patent Application: **High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods**

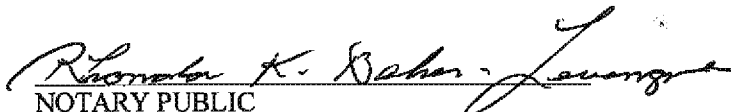
Undersigned (ASSIGNORS) continued:

 8/28/14

Inventor Name: Craig White DATE

State of Michigan ss.
County of Wayne

On this 28th day of August, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.


NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 01-04-19

RHONDA K. BAKER-LEVINGSTON
NOTARY PUBLIC, STATE OF MICHIGAN
WAYNE COUNTY
COMMISSION EXPIRES JAN. 4, 2019

Serial No: 14/339,239

Filing Date: Jul 23, 2014

Title of U.S. Patent Application: **High Throughput Partial Wave Spectroscopic Microscopy and Associated Systems and Methods**

Undersigned (ASSIGNORS) continued:

Lusik 22 SEP 2014
Inventor Name: Lusik Cherkezyan DATE

State of IL
County of Cook ss.

On this 22 day of September, 2014, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Molly E Scanlon
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16

