

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6049255

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ABRAHAM SCHWARTZ	03/30/2020
PHILIP SHERMAN	04/02/2020
ADOLFAS GAIGALAS	03/31/2020
PETER INGRAM	04/04/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CENTER FOR QUANTITATIVE CYTOMETRY
<b>Street Address:</b>	P.O. BOX 194344
<b>City:</b>	SAN JUAN
<b>State/Country:</b>	PUERTO RICO
<b>Postal Code:</b>	00919
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16657937
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(787)772-9533
<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>	
<b>Phone:</b>	7877729200
<b>Email:</b>	rrios@hhoglund.com
<b>Correspondent Name:</b>	ROBERTO RIOS
<b>Address Line 1:</b>	256 ELEANOR ROOSEVELT
<b>Address Line 4:</b>	SAN JUAN, PUERTO RICO 00918
<b>ATTORNEY DOCKET NUMBER:</b>	ABE-0007
<b>NAME OF SUBMITTER:</b>	ROBERTO J RIOS CUEVAS
<b>SIGNATURE:</b>	/Roberto J Rios Cuevas/
<b>DATE SIGNED:</b>	04/07/2020
<b>Total Attachments: 7</b>	
source=ABE-0007-Assignment-Gaigalas#page1.tif	
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source=ABE-0007-Assignment-Ingram#page1.tif

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## ASSIGNMENT

Whereas I, Adolfas K. Gaigalas, of legal age, and resident of Florida, United States, have made an invention titled: " METHOD TO OBTAIN DATA CUBES OF LOW INTENSITY INTRINSIC SPECTRAL IMAGES WHEN IMAGING UNDER HIGH ILLUMINATION CONDITIONS WITHOUT THE USE OF FILTERS", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States application was filed on October 18, 2019, and assigned application number 16/657,937.

Whereas, Center for Quantitative Cytometry a corporation organized under the Laws of North Carolina, (herein after "Assignee") and whose mailing address is P.O. Box 194344 San Juan, PR 00919 is desirous of securing the entire right, title, and interest in and to the invention and patent application in all countries throughout the world, including the United States;

Now therefore, FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged, I do hereby state the following:

1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto "ASSIGNEE", its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on

applications as described above, to issue all patents for this invention to "ASSIGNEE", its successors and assigns, in accordance with the terms of this Assignment;

3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that we have not executed and will not execute any agreement in conflict with this assignment; and

By: Adolfas K. Gaigalas  
Adolfas K. Gaigalas

Date: 3/31/2020

Witness 1

Signature: Jura L. Gaigalas  
Name: JURA L. GAIGALAS

Date: 3/31/2020

Witness 2

Signature: \_\_\_\_\_

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

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

## ASSIGNMENT

Whereas I, Abraham Schwartz, of legal age, and resident of San Juan, Puerto Rico, have made an invention titled: "METHOD TO OBTAIN DATA CUBES OF LOW INTENSITY INTRINSIC SPECTRAL IMAGES WHEN IMAGING UNDER HIGH ILLUMINATION CONDITIONS WITHOUT THE USE OF FILTERS", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States application was filed on October 18, 2019, and assigned application number 16/657,937.

Whereas, Center for Quantitative Cytometry a corporation organized under the Laws of North Carolina, (herein after "Assignee") and whose mailing address is P.O. Box 194344 San Juan, PR 00919 is desirous of securing the entire right, title, and interest in and to the invention and patent application in all countries throughout the world, including the United States;

Now therefore, FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged, I do hereby state the following:

1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto "ASSIGNEE", its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for this invention to "ASSIGNEE", its successors and assigns, in accordance with the terms of this Assignment;
3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that we have not executed and will not execute any agreement in conflict with this assignment; and
4. I hereby covenant and agree that I will, without further compensation, communicate with "ASSIGNEE", its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the invention in "ASSIGNEE", its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and constructively assist "ASSIGNEE", its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign countries, where any expense

incident to the execution of such papers shall be borne by "ASSIGNEE", its successors and assigns.

By: A. Schwartz  
Abraham Schwartz

Date: 3/30/2020

## ASSIGNMENT

Whereas I, Peter Ingram, of legal age, and resident of North Carolina, United States, have made an invention titled: "METHOD TO OBTAIN DATA CUBES OF LOW INTENSITY INTRINSIC SPECTRAL IMAGES WHEN IMAGING UNDER HIGH ILLUMINATION CONDITIONS WITHOUT THE USE OF FILTERS", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States application was filed on October 18, 2019, and assigned application number 16/657,937.

Whereas, Center for Quantitative Cytometry a corporation organized under the Laws of North Carolina, (herein after "Assignee") and whose mailing address is P.O. Box 194344 San Juan, PR 00919 is desirous of securing the entire right, title, and interest in and to the invention and patent application in all countries throughout the world, including the United States;

Now therefore, FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged, I do hereby state the following:

1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto "ASSIGNEE", its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for this invention to "ASSIGNEE", its successors and assigns, in accordance with the terms of this Assignment;
3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that we have not executed and will not execute any agreement in conflict with this assignment; and
4. I hereby covenant and agree that I will, without further compensation, communicate with "ASSIGNEE", its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the invention in "ASSIGNEE", its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and constructively assist "ASSIGNEE", its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign countries, where any expense incident to the execution of such papers shall be borne by "ASSIGNEE", its successors and assigns.

By: \_\_\_\_\_

Peter Ingram

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

4 April 2020

Witness 1

Signature: \_\_\_\_\_

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

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

Witness 2

Signature: \_\_\_\_\_

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

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

PATENT

REEL: 052327 FRAME: 0304

## ASSIGNMENT

Whereas I, Philip Sherman, of legal age, and resident of Ohio, United States have made an invention titled: " METHOD TO OBTAIN DATA CUBES OF LOW INTENSITY INTRINSIC SPECTRAL IMAGES WHEN IMAGING UNDER HIGH ILLUMINATION CONDITIONS WITHOUT THE USE OF FILTERS", for which a United States patent application was executed by the attached declaration, which is incorporated herein by reference, and/or for which a United States application was filed on October 18, 2019, and assigned application number 16/657,937.

Whereas, Center for Quantitative Cytometry a corporation organized under the Laws of North Carolina, (herein after "Assignee") and whose mailing address is P.O. Box 194344 San Juan, PR 00919 is desirous of securing the entire right, title, and interest in and to the invention and patent application in all countries throughout the world, including the United States;

Now therefore, FOR GOOD AND VALUABLE CONSIDERATION, the adequacy and receipt of which is hereby acknowledged, I do hereby state the following:

1. I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer and set over unto "ASSIGNEE", its lawful successors and assigns, my entire right, title, and interest in and to the invention, patent application, and all divisions, and continuations thereof, and all United States patents that may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the patent application, and all patent applications which may hereafter be filed for this invention in any foreign country, and patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof;
2. I hereby authorize and request the Director of Patents and Trademarks of the United States and any foreign official of any foreign country whose duty it is to issue patents on applications as described above, to issue all patents for this invention to "ASSIGNEE", its successors and assigns, in accordance with the terms of this Assignment;
3. I hereby covenant and agree that I have the full right to convey the interest assigned by this Assignment, and that we have not executed and will not execute any agreement in conflict with this assignment; and
4. I hereby covenant and agree that I will, without further compensation, communicate with "ASSIGNEE", its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceedings, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of the invention in "ASSIGNEE", its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and constructively assist "ASSIGNEE", its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States and any foreign countries, where any expense



incident to the execution of such papers shall be borne by "ASSIGNEE", its successors and assigns.

By: Phillip Sherman  
Phillip Sherman

Date: April 2, 2020

Witness 1

Signature: Jennifer L Sherman

Name: Jennifer L Sherman

Date: April 2, 2020

Witness 2

Signature: Maxine Sherman

Name: MAXINE SHERMAN

Date: April 2nd, 2020