

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3584107

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GEORGE ALLEN	10/05/2015
STUART SHAKSHOBER	10/01/2015
SONY CHERYIAN	10/22/2015
RECEIVING PARTY DATA	
Name:	X-RAY OPTICAL SYSTEMS, INC.
Street Address:	15 TECH VALLEY DRIVE
City:	EAST GREENBUSH
State/Country:	NEW YORK
Postal Code:	12061
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14739433
CORRESPONDENCE DATA	
Fax Number:	(518)452-5579
<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:	518-452-5600
Email:	sdm@hrfmlaw.com
Correspondent Name:	KEVIN P. RADIGAN, ESQ.
Address Line 1:	HESLIN ROTHENBERG FARLEY & MESITI P.C.
Address Line 2:	5 COLUMBIA CIRCLE
Address Line 4:	ALBANY, NEW YORK 12203
ATTORNEY DOCKET NUMBER:	0444.118B
NAME OF SUBMITTER:	KEVIN P. RADIGAN, ESQ.
SIGNATURE:	/Kevin P. Radigan, Esq./
DATE SIGNED:	10/23/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6	
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ASSIGNMENT & DECLARATION

WHEREAS, WE,

George ALLEN, a citizen of the United States, residing at 3201 Grenell Road, Middle Grove, New York 12850 (USA);

Stuart SHAKSHOBER, a citizen of the United States, residing at 304 Miller Road, Stop 2, Hudson, New York 12534 (USA); and

Sony CHERYIAN, a citizen of the United States, residing at 77 Hudson Street, Apt. 2410, Jersey City, New Jersey (USA),

have invented certain new and useful improvements in

SAMPLE VISCOSITY AND FLOW CONTROL FOR HEAVY SAMPLES, AND X-RAY ANALYSIS APPLICATIONS THEREOF

and for which we have filed an application for Letters Patent of the United States on *June 15, 2015*, which was assigned U.S. Serial No. *14/739,433*; and

WHEREAS, **X-RAY OPTICAL SYSTEMS, INC.**, having offices at 15 Tech Valley Drive, East Greenbush, New York 12061, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **George ALLEN, Stuart SHAKSHOBER, and Sony CHERYIAN**, do hereby assign, transfer and set over to **X-RAY OPTICAL SYSTEMS, INC.**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, and the above-identified application - including the right to claim priority to said application - and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to **X-RAY OPTICAL SYSTEMS, INC.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

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

AND WE HEREBY further covenant and agree that We will communicate to **X-RAY OPTICAL SYSTEMS, INC.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **X-RAY OPTICAL SYSTEMS, INC.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which 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 WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

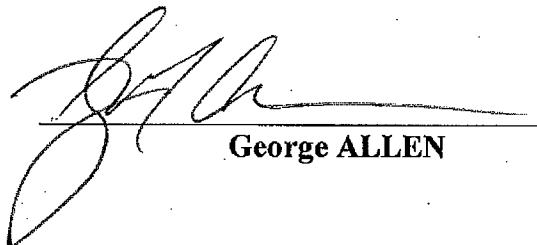
AND WE HEREBY, as the above named inventors, declare that We believe that We are the original inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that We have reviewed and understand the contents of the above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56;

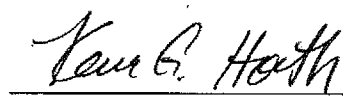
AND WE HEREBY declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that any willful false statements and the like so made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of October, 2015.

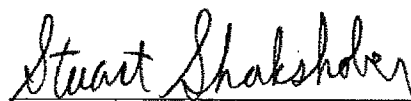

George ALLEN

STATE OF NEW YORK)
) ss.:
COUNTY OF RENSSELAER)

On this 5th day of October, 2015, before me personally came George ALLEN, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

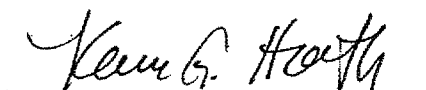

Notary Public
KAREN G. HORTH
Notary Public, State of New York
No. 02HO6189720
Qualified in Albany County
My Commission Expires June 30, 2016

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day of October, 2015.


Stuart SHAKSOBER

STATE OF NEW YORK)
) ss.:
COUNTY OF RENSSELAER)

On this 1st day of October, 2015, before me personally came Stuart SHAKSHOBER, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Notary Public

KAREN G. HORTH
Notary Public, State of New York
No. 02HO6189720
Qualified in Albany County
My Commission Expires June 30, 2016

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2015.

Sony CHERYIAN

STATE OF)
) ss.:
COUNTY OF)

On this ____ day of _____, 2015, before me personally came **Sony CHERYIAN**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	SAMPLE VISCOSITY AND FLOW CONTROL FOR HEAVY SAMPLES, AND X-RAY ANALYSIS APPLICATIONS THEREOF		
This statement is directed to:			
<input type="checkbox"/> The attached application,			
OR			
<input checked="" type="checkbox"/> United States application or PCT international application number <u>14/739,433</u> filed on <u>06/15/2015</u>			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Sony CHERYIAN			
Residence (except for a deceased or legally incapacitated inventor):			
City	Jersey City	State	NJ
Country	US		
Mailing Address (except for a deceased or legally incapacitated inventor):			
77 Hudson Street, Apt. 2410			
City	Jersey City	State	NJ
Zip	07302	Country	US
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input checked="" type="checkbox"/> Assignee,			
<input type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 036867 FRAME: 0585

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☒ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.
- OR
- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: Jeffrey R. Klembczyk, Esq. - Reg. No. 39,730

22 Oct 2015
Date (Optional):

Signature:

**APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name: X-RAY OPTICAL SYSTEMS, INC.

Title of Person Executing This Substitute Statement: Vice President, IP Counsel for X-Ray Optical Systems, Inc.

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City East Greenbush

State NY

Country US

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

15 Tech Valley Drive

City East Greenbush

State NY

Zip 12061

Country US

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.