

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT3936995

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	10/12/2015

**CONVEYING PARTY DATA**

Name	Execution Date
WENBING YUN	03/24/2016
SYLVIA JIA YUN LEWIS	03/24/2016
JANOS KIRZ	03/24/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	SIGRAY, INC.
<b>Street Address:</b>	5750 IMHOFF DR.
<b>Internal Address:</b>	SUITE I
<b>City:</b>	CONCORD
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94520

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15060477

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Email:** franklins@alumni.stanford.edu  
**Correspondent Name:** FRANKLIN SCHELLENBERG  
**Address Line 1:** 4023 VILLA VISTA  
**Address Line 4:** PALO ALTO, CALIFORNIA 94306

<b>ATTORNEY DOCKET NUMBER:</b>	SIG-A-N-007
<b>NAME OF SUBMITTER:</b>	FRANKLIN SCHELLENBERG
<b>SIGNATURE:</b>	/Franklin Schellenberg/
<b>DATE SIGNED:</b>	06/27/2016

**Total Attachments: 12**

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## ASSIGNMENT

WHEREAS, I, **Wenbing Yun**, of **Walnut Creek, California**, am an inventor or one of the co-inventors of the inventions as set forth in one or more Provisional Patent Applications for Letters Patent in the United States Patent and Trademark Office listed in Table A below, and am an inventor or one of the co-inventors of the inventions as set forth in one or more of the Nonprovisional Patent Applications for Letters Patent in the United States Patent and Trademark Office listed in Table B below;

Table A: U.S. Provisional Patent Applications in which **Wenbing Yun** is an inventor or co-inventor.

TITLE	Docket #	Application #	Filing Date
MULTI-LAYER X-RAY BEAM STOP	SIG-D-P-003	62/296,593	2016-02-17

Table B: U.S. Nonprovisional Patent Applications in which **Wenbing Yun** is an inventor or co-inventor.

TITLE	Docket #	Application #	Filing Date
STRUCTURED TARGETS FOR X-RAY GENERATION	SIG-T-N-002 B-8772PCT 630193-3	14/784,029	2015-10-12
X-RAY INTERFEROMETRIC IMAGING SYSTEM	SIG-A-N-006	14/943,445	2015-11-17
X-RAY SURFACE ANALYSIS AND MEASUREMENT APPARATUS	SIG-A-N-007	15/060,477	2016-03-03

WHEREAS, **Sigray, Inc.** (hereinafter referred to as "ASSIGNEE"), a C Corporation organized and existing under the laws of Delaware, and having offices at 5750 Imhoff Drive, Suite 1 / Concord, CA / 94520 is desirous of acquiring the entire right, title and interest in and to these inventions, the applications, and any and all Letters Patent and similar foreign and domestic legal protection for said inventions

- in the United States
- in all other jurisdictions;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, effective as of Oct. 12, 2015 *nunc pro tunc*, my entire right, title and interest in said inventions, applications and all Letters Patent for said inventions in the above-named jurisdictions including: the right to sue for past infringement; the right to claim priority; all provisional applications from which any applications for said inventions claim priority; all domestic and foreign applications for said inventions; any continuation, conversion, division, renewal or substitute for said applications and any applications for said inventions; all Letters Patent, any reissue, re-examination or similar legal protection issuing related to said Letters Patent for said inventions; all rights and benefits under any applicable treaty or convention for said inventions, and any applications and Patents covering said inventions; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue Letters Patent or similar legal protection to the Assignee for said inventions.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers if missing. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named jurisdictions and appoint Assignee the common representative in the above identified international application and any international applications for said inventions.

I represent to the Assignee, its successors and assigns, that I shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that I, my executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on said inventions in any and all jurisdictions, I, my executors or administrators hereby authorize Assignee, its successors and assigns to act on my behalf.

This Assignment is to be interpreted under and governed by the laws of the State of California, in the United States of America. The parties agree that disputes, if any, arising under this Assignment shall be submitted to the courts of the State of California and expressly submit to the Jurisdiction of and agree to accept service of process of the courts of the State of California in connection with any action in such courts to resolve any dispute arising hereunder.

Wenbing Yun  
Inventor/Assignor Signature

Wenbing Yun  
Inventor/Assignor Typed Name

Wenbing Yun 3/24/2016  
Date

ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

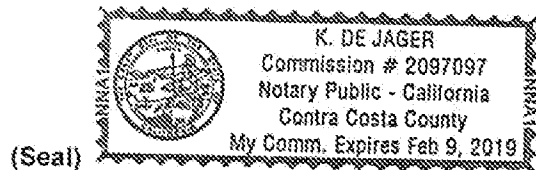
State of California  
County of Contra Costa

On this 24<sup>th</sup> day of March, 2016, before me, K. De Jager, Notary Public  
(insert name and title of the officer)

personally appeared Wenbing Yun,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
K. De Jager  
Signature



For Sigray, Inc. (Assignee):

*Wenbing Yun*

Assignee Representative (Signature)

Wenbing Yun

Assignee Representative (Typed or Written)

President

Assignee Representative Title

*3/24/2016*

Date

ACKNOWLEDGEMENT

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State of California  
County of Contra Costa

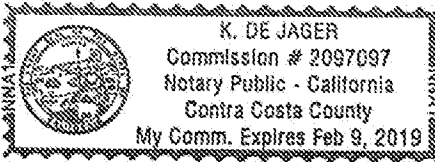
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I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*K. De Jager*  
Signature

(Seal) 

## ASSIGNMENT

WHEREAS, I, **Sylvia Jia Yun Lewis**, of **San Francisco, California**, am an inventor or one of the co-inventors of the inventions as set forth in one or more of the Nonprovisional Patent Applications for Letters Patent in the United States Patent and Trademark Office listed in Table A below;

Table A: U.S. Nonprovisional Patent Applications in which **Sylvia Jia Yun Lewis** is an inventor or co-inventor.

TITLE	Docket #	Application #	Filing Date
STRUCTURED TARGETS FOR X-RAY GENERATION	SIG-T-N-002 B-8772PCT 630193-3	14/784,029	2015-10-12
X-RAY INTERFEROMETRIC IMAGING SYSTEM	SIG-A-N-006	14/943,445	2015-11-17
X-RAY SURFACE ANALYSIS AND MEASUREMENT APPARATUS	SIG-A-N-007	15/060,477	2016-03-03

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- in the United States
- in all other jurisdictions;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, effective as of Oct. 12, 2015 *nunc pro tunc*, my entire right, title and interest in said inventions, applications and all Letters Patent for said inventions in the above-named jurisdictions including: the right to sue for past infringement; the right to claim priority; all provisional applications from which any applications for said inventions claim priority; all domestic and foreign applications for said inventions; any continuation, conversion, division, renewal or substitute for said applications and any applications for said inventions; all Letters Patent, any reissue, re-examination or similar legal protection issuing related to said Letters Patent for said inventions; all rights and benefits under any applicable treaty or convention for said inventions, and any applications and Patents covering said inventions; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue Letters Patent or similar legal protection to the Assignee for said inventions.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers if missing. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named jurisdictions and appoint Assignee the common representative in the above identified international application and any international applications for said inventions.

I represent to the Assignee, its successors and assigns, that I shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that I, my executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on said inventions in any and all jurisdictions, I, my executors or administrators hereby authorize Assignee, its successors and assigns to act on my behalf.

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[Handwritten Signature]  
Inventor/Assignor Signature

Sylvia Jia Yun Lewis  
Inventor/Assignor Typed Name

3/24/2016  
Date

ACKNOWLEDGEMENT

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State of California  
County of Contra Costa

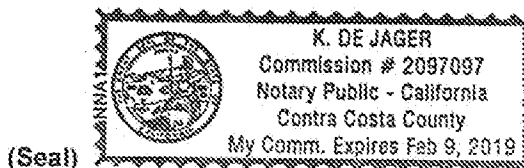
On this 24<sup>th</sup> day of March, 2016, before me, K. De Jager, notary public  
(insert name and title of the officer)

personally appeared Sylvia Jia Yun Lewis  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Handwritten Signature]  
Signature



For Sigray, Inc. (Assignee):

*Wenbing Yun*

Assignee Representative (Signature)

Wenbing Yun

Assignee Representative (Typed or Written)

President

Assignee Representative Title

*3/24/2016*

Date

ACKNOWLEDGEMENT

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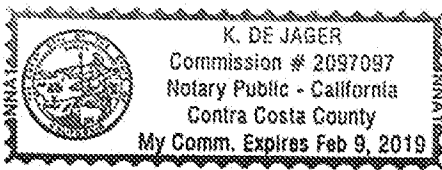
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WITNESS my hand and official seal.

*K. De Jager*  
Signature

(Seal) 

## ASSIGNMENT

WHEREAS, I, **Janos Kirz**, of **Berkeley, California**, am an inventor or one of the co-inventors of the inventions as set forth in one or more of the Nonprovisional Patent Applications for Letters Patent in the United States Patent and Trademark Office listed in Table A below;

Table A: U.S. Nonprovisional Patent Applications in which **Janos Kirz** is an inventor or co-inventor.

TITLE	Docket #	Application #	Filing Date
STRUCTURED TARGETS FOR X-RAY GENERATION	SIG-T-N-002 B-8772PCT 630193-3	14/784,029	2015-10-12
X-RAY INTERFEROMETRIC IMAGING SYSTEM	SIG-A-N-006	14/943,445	2015-11-17
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- in the United States
- in all other jurisdictions;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, effective as of Oct. 12, 2015 *nunc pro tunc*, my entire right, title and interest in said inventions, applications and all Letters Patent for said inventions in the above-named jurisdictions including: the right to sue for past infringement; the right to claim priority; all provisional applications from which any applications for said inventions claim priority; all domestic and foreign applications for said inventions; any continuation, conversion, division, renewal or substitute for said applications and any applications for said inventions; all Letters Patent, any reissue, re-examination or similar legal protection issuing related to said Letters Patent for said inventions; all rights and benefits under any applicable treaty or convention for said inventions, and any applications and Patents covering said inventions; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue Letters Patent or similar legal protection to the Assignee for said inventions.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers if missing. I further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in the above named jurisdictions and appoint Assignee the common representative in the above identified international application and any international applications for said inventions.

I represent to the Assignee, its successors and assigns, that I shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries and jurisdictions, including without limitation providing testimony in any related interference, litigation or proceeding. To the extent that I, my executors or administrators are unable or unavailable to execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as Assignee, its successors and assigns may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on said inventions in any and all jurisdictions, I, my executors or administrators hereby authorize Assignee, its successors and assigns to act on my behalf.

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Janos Kirz  
Inventor/Assignor Signature

Janos Kirz  
Inventor/Assignor Typed Name

3/24/2016  
Date

ACKNOWLEDGEMENT

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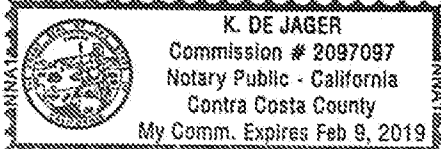
State of California  
County of Contra Costa

On this 24<sup>th</sup> day of March, 2016, before me, K. De Jager, Notary Public  
(insert name and title of the officer)

personally appeared Janos Kirz,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
K. De Jager  
Signature

(Seal) 

For Sigray, Inc. (Assignee):

*Wenbing Yun*

Assignee Representative (Signature)

Wenbing Yun

Assignee Representative (Typed or Written)

President

Assignee Representative Title

3/24/2016

Date

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State of California

County of Contra Costa

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WITNESS my hand and official seal.

*K. De Jager*  
Signature

(Seal)

