

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7600575

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATRICK J. TREADO	10/06/2022
MATTHEW P. NELSON	10/04/2022
SHAWNA TAZIK	11/15/2021
ROBERT C. SCHWEITZER	06/15/2022
RECEIVING PARTY DATA	
Name:	CHEMIMAGE CORPORATION
Street Address:	7325 PENN AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15208
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17379588
PCT Number:	US2021042232
CORRESPONDENCE DATA	
Fax Number:	(215)656-3301
<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:	4105804404
Email:	nirma.ceron@us.dlapiper.com, ip.pitt@us.dlapiper.com
Correspondent Name:	DLA PIPER LLP (US)
Address Line 1:	ONE LIBERTY PLACE
Address Line 2:	1650 MARKET STREET, SUITE 5000
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103-7300
ATTORNEY DOCKET NUMBER:	138282-023601-023602
NAME OF SUBMITTER:	NIRMA ELENA CERON
SIGNATURE:	/Nirma E. Ceron/
DATE SIGNED:	10/20/2022
Total Attachments: 20	

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ASSIGNMENT

WHEREAS, I, Patrick J. TREADO (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in **Schedule A** attached hereto (hereinafter the "Invention");

WHEREAS, CHEMIMAGE CORPORATION, having an address of 7325 Penn Avenue, Suite 200, Pittsburgh, PA 15208 (hereinafter "Assignee"), wishes to acquire Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent that may be obtained therefor in the United States and any and all foreign countries;

WHEREAS, Assignor previously conveyed to Assignee all of Assignor's right, title, and interest in the Invention as described in such prior-filed application(s) pursuant to an assignment dated October 28, 2020, which has been recorded at the U.S. Patent and Trademark Office at Reel 056349 and Frame 0033 (hereinafter, "Assignment Agreement");

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, at least as of July 19, 2021, the parties agree as follows.

Assignor, does hereby confirm Assignor's previous assignment, including pursuant to the Assignment Agreement, and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention.

Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment. Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making the application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or

chooses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of DLA Piper LLP (US) the power to insert on this Assignment any further identification, including the country, application number, filing date and/or title, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other patent office for recordation of this document.

The undersigned requests that any patents that may be issued for said Invention be issued to Assignee, its legal representatives, successors or assigns, as an owner of Assignor's entire right, title and interest in and to said patent and the Invention covered thereby.

I, the undersigned, having read and understood the above, provide my signature as of the date below to confirm.

Assignor:

DATE:

604 2022


Patrick J. TREADO

Witnessed by:

DATE:

10/6/22


Witness signature

Amanda McCombs
Print Name

1030 Helms Ave
Street Address

Pittsburgh PA 15206
City, State, Postal Code

Agreed and accepted:

CHEMIMAGE CORPORATION

Date:

10/11/02

Assignee:

[Signature]

By: Amanda McCombs

Title: Chief Financial Officer

ACKNOWLEDGMENT

STATE OF

Pennsylvania

)

SS:

COUNTY OF

Allegheny

)

On this 11th day of October, 2002, before me, the undersigned Notary Public, personally appeared Amanda McCombs, to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

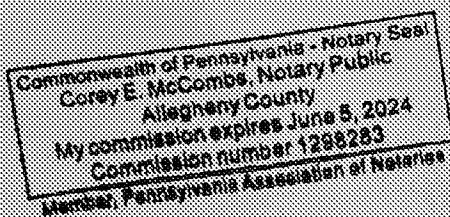
SEAL

Notary Public

Corey E. McCombs

My commission expires

June 5, 2024



SCHEDULE A

Country	Patent Application No.	Filing Date	Title
US	63/053273	July 17, 2020	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
US	17/379,588	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
WO	PCT/US2021/042232	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING

ASSIGNMENT

WHEREAS, I, Matthew P. NELSON (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in Schedule A attached hereto (hereinafter the "Invention");

WHEREAS, CHEMIMAGE CORPORATION, having an address of 7325 Penn Avenue, Suite 200, Pittsburgh, PA 15208 (hereinafter "Assignee"), wishes to acquire Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent that may be obtained therefor in the United States and any and all foreign countries;

WHEREAS, Assignor previously conveyed to Assignee all of Assignor's right, title, and interest in the Invention as described in such prior-filed application(s) pursuant to an assignment dated March 1, 2021, which has been recorded at the U.S. Patent and Trademark Office at Reel 056349 and Frame 0033 (hereinafter, "Assignment Agreement");

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, at least as of July 19, 2021, the parties agree as follows.

Assignor, does hereby confirm Assignor's previous assignment, including pursuant to the Assignment Agreement, and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention.

Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment. Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making the application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or

chooses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of DLA Piper LLP (US) the power to insert on this Assignment any further identification, including the country, application number, filing date and/or title, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other patent office for recordation of this document.

The undersigned requests that any patents that may be issued for said Invention be issued to Assignee, its legal representatives, successors or assigns, as an owner of Assignor's entire right, title and interest in and to said patent and the Invention covered thereby.

I, the undersigned, having read and understood the above, provide my signature as of the date below to confirm.

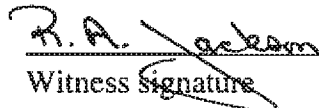
Assignor:

DATE: 04 Oct - 2022


Matthew P. NELSON

Witnessed by:

DATE: October 4, 2022


Witness Signature

Regina A. Jackson
Print Name

507 S. Trenton Ave.
Street Address

Wilmington, PA 19821
City, State, Postal Code

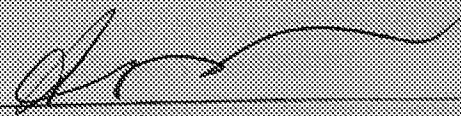
Agreed and accepted:

CHEMIMAGE CORPORATION

Date:

10/10/02

Assignee:



By: Amanda McCombs

Title: Chief Financial Officer

ACKNOWLEDGMENT

STATE OF

Pennsylvania

COUNTY OF

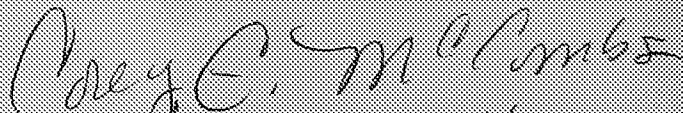
Allegheny

SS:

On this 10th day of October, 2002, before me, the undersigned Notary Public, personally appeared Amanda McCombs, to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

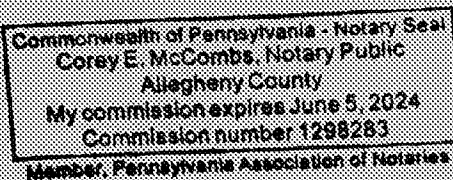
SEAL

Notary Public



My commission expires

June 5, 2004



SCHEDULE A

Country	Patent Application No.	Filing Date	Title
US	63/053273	July 17, 2020	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
US	17/379,588	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
WO	PCT/US2021/042232	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING

ASSIGNMENT

WHEREAS, I, SHAWNA TAZIK (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in Schedule A attached hereto (hereinafter the "Invention");

WHEREAS, CHEMIMAGE CORPORATION, having an address of 7325 Penn Avenue, Suite 200, Pittsburgh, PA 15208 (hereinafter "Assignee"), wishes to acquire Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent that may be obtained therefor in the United States and any and all foreign countries;

WHEREAS, Assignor previously conveyed to Assignee all of Assignor's right, title, and interest in the Invention as described in such prior-filed application(s) pursuant to an assignment dated October 8, 2020, which has been recorded at the U.S. Patent and Trademark Office at Reel 056349 and Frame 0033 (hereinafter, "Assignment Agreement");

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, at least as of July 19, 2021, the parties agree as follows.

Assignor, does hereby confirm Assignor's previous assignment, including pursuant to the Assignment Agreement, and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention.

Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment. Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making the application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or

chooses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of TROUTMAN PEPPER HAMILTON SANDERS LLP the power to insert on this Assignment any further identification, including the country, application number, filing date and/or title, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other patent office for recordation of this document.

The undersigned requests that any patents that may be issued for said Invention be issued to Assignee, its legal representatives, successors or assigns, as an owner of Assignor's entire right, title and interest in and to said patent and the Invention covered thereby.

Date: 11/15/21

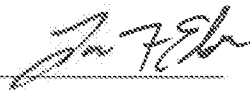
Assignor: 
SHAWNA TAZIK

ACKNOWLEDGMENT

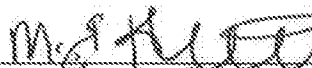
IN WITNESS WHEREOF, the above individual has executed this Assignment as of November 15, 2021.

WITNESS:

Dated: 11/15/21

By: Lauren F Elder 
Name: _____
Address: 209 N Walker
Raymore, MO 64083

Dated: 11/15/21

By: 
Name: Meyna K. Wertz
Address: 3570 50th Avenue Dr. Apt 1124
Lees Summit, MO 64081

Agreed and accepted:

CHEMIMAGE CORPORATION

Date:

10/10/22

Assignee:

By:

Title:

[Signature]
Amanda McCombs
CO

ACKNOWLEDGMENT

STATE OF

Pennsylvania

COUNTY OF

Allegheny

SS:

On this 10th day of October, 2022, before me, the undersigned Notary Public, personally appeared Amanda McCombs, to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

[Signature]
Corey E. McCombs

My commission expires

June 5, 2024

Commonwealth of Pennsylvania - Notary Seal
Corey E. McCombs, Notary Public
Allegheny County
My commission expires June 5, 2024
Commission number 1298283
Member, Pennsylvania Association of Notaries

SCHEDULE A

Country	Patent Application No.	Filing Date	Title
US	63/053273	July 17, 2020	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
US	17/379,588	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
WO	PCT/US2021/042232	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING

ASSIGNMENT

WHEREAS, I, Robert C. SCHWEITZER (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in **Schedule A** attached hereto (hereinafter the "Invention");

WHEREAS, CHEMIMAGE CORPORATION, having an address of 7325 Penn Avenue, Suite 200, Pittsburgh, PA 15208 (hereinafter "Assignee"), wishes to acquire Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent that may be obtained therefor in the United States and any and all foreign countries;

WHEREAS, Assignor previously conveyed to Assignee all of Assignor's right, title, and interest in the Invention as described in such prior-filed application(s) pursuant to an assignment dated February 28, 2021, which has been recorded at the U.S. Patent and Trademark Office at Reel 056349 and Frame 0033 (hereinafter, "Assignment Agreement");

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, at least as of July 17, 2020, the parties agree as follows.

Assignor, does hereby confirm Assignor's previous assignment, including pursuant to the Assignment Agreement, and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention.

Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment. Assignor will, at any time upon request, without further or additional consideration, but at the expense of Assignee, execute such additional assignments and other writings and do such additional acts as Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making the application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or choses

in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of DLA Piper LLP (US) the power to insert on this Assignment any further identification, including the country, application number, filing date and/or title, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other patent office for recordation of this document.

The undersigned requests that any patents that may be issued for said Invention be issued to Assignee, its legal representatives, successors or assigns, as an owner of Assignor's entire right, title and interest in and to said patent and the Invention covered thereby.

Date:

6/15/22

Assignor:

Robert C. Schweitzer
ROBERT C. SCHWEITZERACKNOWLEDGMENTStatement by Witness

I, Wendy Schweitzer, whose full address is
245 Knickerbocker Dr Pittsburgh, PA. 15235,
hereby declare that I was personally present and did see the above named person, personally known
to me to be the person named in the assignment, duly sign and execute the same.

I declare under penalty of perjury under the laws of the United States of America, and
under penalty of the laws of any other jurisdiction before which this document may be presented,
that the foregoing is true and correct.

Signature:

Wendy Schweitzer

Print Name:

Wendy Schweitzer

Agreed and accepted:

CHEMIMAGE CORPORATION

Date: June 19th 2022

Assignee: [Signature]
By: Amanda McCombs
Title: CFO

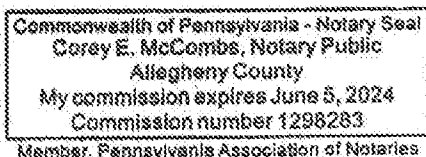
ACKNOWLEDGMENT

STATE OF Pennsylvania)
)
COUNTY OF Allegheny) SS:

On this 19th day of June, 2022, before me, the undersigned Notary Public, personally appeared Amanda McCombs, to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public [Signature]
My commission expires 6/5/2024



SCHEDULE A

Country	Patent Application No.	Filing Date	Title
US	63/053,273	July 17, 2020	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
US	17/379,588	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING
WO	PCT/US2021/042232	July 19, 2021	SYSTEMS AND METHODS OF CONFORMAL SPECTRAL LIBRARY TRAINING