506908913 10/06/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6955738

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRENDA RUBENSTEIN	12/31/2020
JACOB KARL ROSENSTEIN	12/28/2020
CHRISTOPHER ARCADIA	12/28/2020
SHUI LING CHEN	02/24/2021
AMANDA DORIS DOMBROSKI	12/28/2020
JOSEPH D. GEISER	02/22/2021
EAMONN KENNEDY	02/22/2021
EUNSUK KIM	12/29/2020
KADY M. OAKLEY	12/28/2020
SHERIEF REDA	02/22/2021
CHRISTOPHER ROSE	12/28/2020
JASON KELBY SELLO	12/28/2020
HOKCHHAY TANN	03/04/2021
PETER WEBER	12/29/2020

RECEIVING PARTY DATA

Name:	BROWN UNIVERSITY
Street Address:	BOX 1949
City:	PROVIDENCE
State/Country:	RHODE ISLAND
Postal Code:	02912

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17253013

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.

Phone: 4012747200

Email: APS.IPSS@cpaglobal.com

PATENT REEL: 057718 FRAME: 0723

506908913

Correspondent Name: ADLER, POLLOCK & SHEEHAN P.C. Address Line 1: ONE CITIZENS PLAZA, 8TH FL.

Address Line 4: PROVIDENCE, RHODE ISLAND 02903

ATTORNEY DOCKET NUMBER:	405505-5218N01US
NAME OF SUBMITTER:	MELISSA DA SILVEIRA
SIGNATURE:	/Melissa da Silveira/
DATE SIGNED:	10/06/2021

Total Attachments: 16

source=405505-5218N01US Assignment fully executed #page1.tif source=405505-5218N01US Assignment fully executed #page2.tif source=405505-5218N01US Assignment fully executed #page3.tif source=405505-5218N01US Assignment fully executed #page4.tif source=405505-5218N01US Assignment fully executed #page5.tif source=405505-5218N01US Assignment fully executed #page6.tif source=405505-5218N01US Assignment fully executed_#page7.tif source=405505-5218N01US Assignment fully executed #page8.tif source=405505-5218N01US Assignment fully executed #page9.tif source=405505-5218N01US Assignment fully executed #page10.tif source=405505-5218N01US Assignment fully executed_#page11.tif source=405505-5218N01US Assignment fully executed #page12.tif source=405505-5218N01US Assignment fully executed #page13.tif source=405505-5218N01US Assignment fully executed_#page14.tif source=405505-5218N01US Assignment fully executed_#page15.tif source=405505-5218N01US Assignment fully executed #page16.tif

ASSIGNMENT

THIS ASSIGNMENT, made on this 16TH day of December, 2020 by:

Brenda RUBENSTEIN, residing at: 99 7th Street, Providence, RI 02906;

Jacob Karl ROSENSTEIN, residing at: 33 Marshall Street, Providence, RI 02909;

Christopher ARCADIA, residing at: 350 Eddy Street, Providence, RI 02912;

Shui Ling CHEN, residing at: 3811 Cloverfield Road, Harrisburg, PA 17109;

Amanda Doris DOMBROSKI, residing at: 21 Milford Street, Cranston, RI 02910;

Joseph D. GEISER, residing at: 19 Walsh Avenue, Barrington, RI 02806;

Eamonn KENNEDY, residing at: 35 Phenix Avenue, West Warwick, RI 02893;

Eunsuk KIM, residing at: 146 Butler Avenue, #E, Providence, RI 02906;

Kady M. OAKLEY, residing at: 335 East Washington Street, Unit 25, North Attleboro, MA 02760;

Sherief REDA, residing at: 4 Hope Lane, Barrington, RI 02806;

Christopher ROSE, residing at: 138 Governor Street, Providence, RI 02906;

Jason Kelby SELLO, residing at: 121 Driftwood Drive, Tiverton, RI 02878;

Hokchhay TANN, residing at: 182 Hope Street, Providence, RI 02906; and

Peter WEBER, residing at: 24 Broadway Drive, Barrington, RI 02806:

(hereinafter referred to as Assignor);

WHEREAS, Assignor has invented the invention described in:

METHODS OF CHEMICAL COMPUTATION

as set forth in U.S. Patent Application No. 17/253,013 filed on December 16, 2020; and

WHEREAS, BROWN UNIVERSITY, having its principal place of business at: Box 1949, Providence, RI 02912, United States of America (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these

presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns that: Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Design application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue

said Letters Patent of the United States to Assignee, as Assignee of said inventions and the

Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal

representatives and assigns.

AND Assignor hereby grants the following individuals 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:

ADLER POLLOCK & SHEEHAN P.C.

All practitioners at Customer Number 133139

AND Assignor acknowledges an obligation of assignment of this invention to Assignee

at the time the invention was made.

This Patent Assignment may be executed in counterparts, each of which shall be

deemed an original, but all of which together shall be deemed one and the same agreement. A

signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of

electronic transmission shall be deemed to have the same legal effect as delivery of an original

signed copy of this Patent Assignment.

December 31, 2020 Date:

Signature: Brenda RUBENSTEIN

Date:

Signature:

Jacob Karl ROSENSTEIN

Date:

Signature:

Christopher ARCADIA

Signature:

Shui Ling CHEN

3

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signed copy of this Patent Assignment.

Date:

Brenda RUBENSTEIN

Date: December 28, 2020

Signature:

Jacob Karl ROSEMSTEIN

Jacob Karl ROSENSTEIN

Date:

Signature:

Christopher ARCADIA

Signature:

Shui Ling CHEN

3

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signed copy of this Patent Assignment.

Date:

Brenda RUBENSTEIN

Signature: Date:

Jacob Karl ROSENSTEIN

December 28, 2020 Signature: Christopher ARCADIA Date:

Signature:

Shui Ling CHEN

3

TECH ID 2566

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue

said Letters Patent of the United States to Assignee, as Assignee of said inventions and the

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AND Assignor hereby grants the following individuals the power to insert on this

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ADLER POLLOCK & SHEEHAN P.C.

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signed copy of this Patent Assignment.

Date:

Brenda RUBENSTEIN

Date:

Signature: Jacob Karl ROSENSTEIN

Date:

Signature:

Christopher ARCADIA

Signature: _ / / Date: February 24, 2021

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Date:	December 28, 2020	Sionature	Amba Danha Amanda Doris DOMBROSKI
Date		orginature.	Amanda Doris DOMBROSKI
Date: _		Signature:	Joseph D. GEISER
Date: _		Signature:	Eamonn KENNEDY
Date: _		Signature:	Eunsuk KIM
Date: _		Signature:	Kady M. OAKLEY
Date: _		Signature:	Sherief REDA
Date: _		Signature:	Christopher ROSE
Date: _		Signature:	Jason Kelby SELLO
Date: _		Signature:	Hokchhay TANN
Date: _		Signature:	Peter WEBER

Date: _		Signature:	Amanda Doris DOMBROSKI
Date: _	February 22, 2021	Signature:	Joseph D. GEISER Joseph D. GEISER
Date: _		Signature:	Eamonn KENNEDY
Date: _		Signature:	Eunsuk KIM
Date: _		Signature:	Kady M. OAKLEY
Date: _		Signature:	Sherief REDA
Date: _		Signature:	Christopher ROSE
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Date: _		Signature:	Hokchhay TANN
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Date:		Signature:	Peter WEBER

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_			Amanda Doris DOMBROSKI
Date: _		Signature:	Joseph D. GEISER
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Date		Signature.	Eamonn KENNEDY
Date: _	December 29, 2020	Signature:	Eunsuk EM Eunsuk KIM
			Eunsuk Klivi
Date: _		Signature:	Kady M. OAKLEY
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			HOKUMAY TANN
Date: _		Signature:	Peter WEBER

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	An	nanda Doris DOMBROSKI
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Date:	Signature:Sh	erief REDA
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	February 22, 2021	Signature:	Sherief REDA
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Date:	Signature:	Sherief REDA
December 28, 2020 Date:		Christophur ROSE Christopher ROSE
		Christopher ROSE
Date:	Signature:	Jason Kelby SELLO
Date:	Signature:	Hokchhay TANN
Date:	Signature:	
		Peter WEBER

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			Amanda Doris DOMBROSKI
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Date:		Signature:	Sherief REDA
Date:		Signature:	Christopher ROSE
Date:	December 28, 2020	Signature:	Jason Kelby SELLO
Date:			Hokchhay TANN
Date:			Peter WEBER

Date:		Signature:	Amanda Doris DOMBROSKI
Date:		Signature:	Joseph D. GEISER
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Date:		Signature:	Eunsuk KIM
Date:		Signature:	Kady M. OAKLEY
Date:		Signature:	Sherief REDA
Date:		Signature:	Christopher ROSE
Date:		Signature:	Jason Kelby SELLO
Date:	March 4, 2021	Signature:	Hokchhay TANN
Date:		Signature:	Peter WEBER

Date:		Signature:	Amanda Doris DOMBROSKI
Date:		Signature:	Joseph D. GEISER
Date:		Signature:	Eamonn KENNEDY
Date:		Signature:	Eunsuk KIM
Date:		Signature:	Kady M. OAKLEY
Date:		Signature:	Sherief REDA
Date:		Signature:	Christopher ROSE
Date:		Signature:	Jason Kelby SELLO
Date:		Signature:	Hokchhay TANN
Date:	December 29, 2020	Signature:	Peter WEBER

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