

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4635451

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S NAME FROM SCHRODINGER, LLC TO SCHRODINGER, INC. previously recorded on Reel 043728 Frame 0801. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
Lingle Wang	09/07/2017
Yuqing Deng	09/07/2017
Yujie Wu	09/07/2017
Byungchan Kim	09/28/2017
Robert Abel	09/07/2017

RECEIVING PARTY DATA

Name:	SCHRODINGER, INC.
Street Address:	120 WEST FORTY-FIFTH STREET
Internal Address:	17TH FLOOR, TOWER 45
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036-4041

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15683678

CORRESPONDENCE DATA

Fax Number: (877)769-7945
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: +1 617-956-5919
Email: apsi@fr.com
Correspondent Name: KA-LO YEH
Address Line 1: FISH & RICHARDSON P.C.
Address Line 2: P.O.BOX 1022
Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	17367-0056001
NAME OF SUBMITTER:	RITA M. LISTON
SIGNATURE:	/Rita M. Liston/

PATENT

DATE SIGNED:

10/11/2017

Total Attachments: 11

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4617590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lingle Wang	09/07/2017
Yuqing Deng	09/07/2017
Yujie Wu	09/07/2017
Byungchan Kim	09/28/2017
Robert Abel	09/07/2017
RECEIVING PARTY DATA	
Name:	SCHRODINGER, XXX INC.
Street Address:	120 WEST FORTY-FIFTH STREET
Internal Address:	17TH FLOOR, TOWER 45
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036-4041
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15683678
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(650) 839-5001
Email:	apsi@fr.com
Correspondent Name:	CHRIS C. BOWLEY
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	17367-0056001
NAME OF SUBMITTER:	RITA M. LISTON
SIGNATURE:	/Rita M. Liston/
DATE SIGNED:	09/28/2017

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, LINGLE WANG, YUQING DENG, YUJIE WU, BYUNGCHAN KIM, and ROBERT ABEL, each individually assign to SCHRODINGER, INC., a limited liability company formed under the laws of Delaware and having a principal place of business at Schrödinger, 120 West Forty-Fifth Street, 17th Floor, Tower 45, New York, NY 10036-4041, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the subject matter (the “Subject Matter”) of a patent application that names us as inventors, is titled “METHODS AND SYSTEMS FOR CALCULATING FREE ENERGY DIFFERENCES USING AN ALCHEMICAL RESTRAINT POTENTIAL,” and was filed in the United States Patent and Trademark Office on August 22, 2017, as application 15/683,678 (the “Application”).


This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world; in our names or in the Assignee’s name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

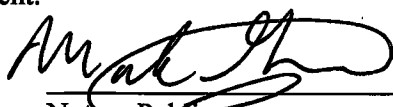


Lingle Wang

Date: 09/07/2017

State of New York)
County of New York) ss.:

On the 7th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Lingle Wang, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(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 capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.



Notary Public

MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County 22
My Commission Expires July 17, 2018

Yuqing Deng
Yuqing Deng

Date: Sept 7, 2017

State of New York)
County of New York) ss.:

On the 7th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Yuqing Deng personally known to me or proved to me on the basis of satisfactory evidence to be the individual(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 capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Mark L Gerrard
Notary Public

MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County
My Commission Expires July 17, 2017

Wu
Yujie Wu


Date: 9/7/2017

State of New York)
County of New York) ss.:

On the 7th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Yujie Wu, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(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 capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Mark L Gerrard
Notary Public

MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County 22
My Commission Expires July 17, 2022


Byungchan Kim

Date: 09/28/2017

New York
State of ~~New Jersey~~)
County of New York)
)ss

On September 28, 20 17 before me, Mark Gerrard, Notary Public
in and for said county, personally appeared Byungchan Kim, who
has/have satisfactorily identified him/her/themselves as the signer(s) or/witness(es) to the above-
referenced document.


Notary Public Signature

My Commission Expires: 7/17/22


MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County 22
My Commission Expires July 17, 20


Robert Abel

Date: 9/7/2017

State of New York)
County of New York) ss.:

On the 7th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Robert Abel, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(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 capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.


Notary Public

MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County 2
My Commission Expires July 17, 2017

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: SCHRODINGER, ^{RSF} ~~KXX~~ INC. 10/10/17

Signature: *Ramy Farid* Date: 9/28/17

Name: Ramy Farid

Title: President and CEO

State of New York)

County of New York) ss.:

On the 28th day of September in the year 2017 before me, the undersigned, a Notary Public in and for said State, personally appeared Ramy Farid, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(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 capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Mark L Gerrard
Notary Public

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MARK L GERRARD
NOTARY PUBLIC-STATE OF NEW YORK
No. 01GE6284698
Qualified in New York County 22
My Commission Expires July 17, 2022