

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5906216

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMER FALAH	12/20/2017
TYRONE LOBBAN	11/21/2017
NAVEEN MALLELA	09/21/2017
ZEKUN SHI	10/02/2017
SAI MURALI KRISHNA VALIVETI	09/21/2017
ARCHANA MANJUNATHA	09/08/2017
ZHOU ZHIYAO	11/26/2016
PETER MUNNINGS	09/22/2017
COENIE BEYERS	04/10/2017
PATRICK MYLUND NIELSEN	12/04/2017
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	383 MADISON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10179
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	62532051
Application Number:	16034644
PCT Number:	US2018041964
CORRESPONDENCE DATA	
Fax Number:	
<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:	6785532322
Email:	gtipmail@gtlaw.com
Correspondent Name:	KING, ROBERT A.
Address Line 1:	77 WEST WACKER DRIVE, SUITE 3100
Address Line 2:	C/O GREENBERG TRAURIG, LLP

PATENT

Address Line 4: CHICAGO, ILLINOIS 60601	
ATTORNEY DOCKET NUMBER:	052227.1315/1473/1497
NAME OF SUBMITTER:	ROBERT A. KING
SIGNATURE:	/ROBERT A. KING/
DATE SIGNED:	01/10/2020
Total Attachments: 15 source=1315 & 1473 & 1497 - Executed Assignment#page1.tif source=1315 & 1473 & 1497 - Executed Assignment#page2.tif source=1315 & 1473 & 1497 - Executed Assignment#page3.tif source=1315 & 1473 & 1497 - Executed Assignment#page4.tif source=1315 & 1473 & 1497 - Executed Assignment#page5.tif source=1315 & 1473 & 1497 - Executed Assignment#page6.tif source=1315 & 1473 & 1497 - Executed Assignment#page7.tif source=1315 & 1473 & 1497 - Executed Assignment#page8.tif source=1315 & 1473 & 1497 - Executed Assignment#page9.tif source=1315 & 1473 & 1497 - Executed Assignment#page10.tif source=1315 & 1473 & 1497 - Executed Assignment#page11.tif source=1315 & 1473 & 1497 - Executed Assignment#page12.tif source=1315 & 1473 & 1497 - Executed Assignment#page13.tif source=1315 & 1473 & 1497 - Executed Assignment#page14.tif source=1315 & 1473 & 1497 - Executed Assignment#page15.tif	

ASSIGNMENT

WHEREAS, WE, Samer FALAH; Tyrone LOBBAN; Naveen MALLELA; Zekun SHI; Sai Murali KRISHNA V.; Archana MANJUNATHA; Zhou ZHIYAO; Peter MUNNINGS; Coenie BEYERS; Patrick Mylund NIELSEN; and Elizabeth Polanco AQUINO; have invented, developed, and/or have rights in the invention(s) (hereinafter "Invention") disclosure in a United States patent application entitled:

**SYSTEMS AND METHODS FOR AUTOMATED DECENTRALIZED
MULTILATERAL TRANSACTION PROCESSING WITH PRIVACY**

filed on July 13, 2017, and accorded Application No. 62/532,051 (hereinafter "Application"); and

WHEREAS, JPMorgan Chase Bank, N.A., a corporation organized under the laws of the United States of America and the State of Ohio, and having a place of business at 270 Park Avenue, New York, NY 10017 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in and to the Invention and in and to the Application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee and its successors and assigns, our entire right, title and interest, worldwide, in and to the Invention and the Application, and all patents and applications, worldwide, claiming priority to and/or benefit of, directly or indirectly, or based in whole or in part on, said Application and/or said Invention, including continuations, continuations-in-part, divisionals, reissues, reexaminations, renewals, substitutes, and extensions thereof, and any international and regional applications, based in whole or in part on any of the aforesaid applications or in whole or in part on said Invention, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed, worldwide, for the Invention, and in and to any and all patents (including all extensions, renewals, reexaminations and reissues thereof), worldwide, which have been or may be granted on any of the aforesaid applications or on said Invention or any parts thereof.

AND WE HEREBY covenant and agree for ourselves and our heirs, executors and administrators that we will communicate to Assignee any facts known to us respecting the Invention and the aforementioned applications, sign all lawful papers, testify in any legal proceeding, make all rightful oaths, and take any other actions that may be necessary or desirable to secure to Assignee its right, title, and interest in and to the aforementioned patents, applications and Invention, and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for the Invention and the aforementioned patents and applications;

AND WE HEREBY agree to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said applications, or in the preparation or prosecution of any continuation, continuation-in-part, divisional,

substitute, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents or similar rights of any region or country, that may be necessary to secure to Assignee its interest and title in and to said Invention or any parts thereof, and in and to said applications and patents;

AND WE HEREBY authorize and request our agents, Hunton & Williams LLP, whose address is 2200 Pennsylvania Avenue NW, Washington, DC 20037, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said Application when known;

AND WE HEREBY covenant for ourselves and our legal representatives, and agree with said Assignee, its successors and assigns, that we have the full right to convey the entire interest herein assigned, and that we have granted no right or license to make, use, sell or offer to sell said Invention, to anyone except said Assignee, that prior to the execution of this deed, our right, title and interest in said Invention and said Application had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE HEREBY authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue any and all letters patents which may be granted upon said United States and foreign applications or upon the Invention to the Assignee.

- SIGNATURES BEGIN ON NEXT PAGE -

IN WITNESS WHEREOF, we have executed this Assignment as of the date set forth below.

Samer FALAH

Signature: [Signature]

Printed Name: Samer Falah

Date: 12/19/17

WITNESS

Signature: [Signature]

Printed Name: Bradley McDermott

Date: 12/20/17

WITNESS

Signature: [Signature]

Printed Name: Leonidas Tolias

Date: 12/20/17

Tyrone LOBBAN

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

IN WITNESS WHEREOF, we have executed this Assignment as of the date set forth below.

Samer FALAH

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

Tyrone LOBBAN

Signature: 

Printed Name: TYRONE LOBBAN

Date: 21 NOV 2017

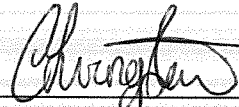
WITNESS

Signature: 

Printed Name: M LOBBAN

Date: 21 NOV 2017

WITNESS

Signature: 

Printed Name: CRAIG LIVINGSTON

Date: 21 NOV 2017

Naveen MALLELA

Signature: _____

Printed Name: MALLELA NAVEEN BABU

Date: 21-SEP-2017

WITNESS

Signature: _____

Printed Name: SHEKHAR GAHLOT

Date: 21-SEP-2017

WITNESS

Signature: _____

Printed Name: SUNIL PANT

Date: 21-SEP-2017

Zekun SHI

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

Naveen MALLELA

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____


Zekun SHI

Signature: 

Printed Name: Zekun SHI

Date: 10 / 2 / 2017


WITNESS

Signature: 

Printed Name: NAVEEN MALLELA

Date: 09-OCT-2017


WITNESS

Signature: 

Printed Name: JIANYI YI

Date: 02-OCT-2017

Sai Murali KRISHNA VALIVETI

Signature: 

Printed Name: Sai Murali Krishna V.

Date: 21/9/2017

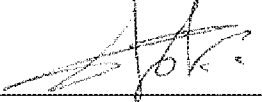
WITNESS

Signature: 

Printed Name: MANISH K TRIPATHI

Date: 21/9/2017

WITNESS

Signature: 

Printed Name: SUNIL PAWT

Date: 21/9/2017

Archana MANJUNATHA

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

JPMORGAN CHASE & CO.

**CODE OF CONDUCT 2017
AFFIRMATION RECORD**

I hereby affirm that I have read, understand, and am in compliance with the JPMorgan Chase (JPMC) Code of Conduct and all internal JPMC policies that apply to me. I agree, as a condition of my employment, to remain in compliance with the Code and all applicable JPMC policies, as amended from time to time.

I affirm that I have reported any known or suspected violations of the Code of Conduct, internal JPMC policies, or laws or regulations applicable to JPMC's business, as required by Section 1.5 of the Code of Conduct. I understand that failure to do so can result in disciplinary action, up to and including termination of employment.

I understand that the Code of Conduct is updated periodically as necessary, and that the most current version is posted on the JPMorgan Chase intranet.

I acknowledge that:

- I must conduct myself in a way that is consistent with the Code of Conduct, demonstrating compliance with the principles of the Code of Conduct, and with applicable laws and regulations;
- Section 3.6 of the Code of Conduct imposes certain responsibilities that continue after my employment with JPMC terminates, including but not limited to, the return of property, the protection of confidential information, and assisting with investigations or litigation related to my role at JPMC;
- to the extent required by the Responsibilities of Former Employees Policy – Firmwide, I agree to abide by the prohibition in soliciting or hiring JPMC employees and soliciting customers. I further acknowledge that it is my responsibility to be familiar with all of my post-employment obligations; and
- I agree to abide by these responsibilities after my employment terminates.

Standard ID: J983791

Name: Manjunatha, Archana

Department: 278827 - SINGAPORE TECHNOLOGY - 0847

Affirmation Date: 08 Sep 2017

Confirmation Number: 2527823

**A CODE AFFIRMATION BY THE ABOVE-NAMED EMPLOYEE WAS RECEIVED
BY CODE OF CONDUCT OPERATIONS**

**PATENT
REEL: 051483 FRAME: 0668**

Acceptance and Code Affirmation

Upon signing this letter I accept the terms described in this letter and Appendix A and B. I also affirm that I have read and understand the the JPMorgan Chase Code of Conduct, and agree as a condition of my employment to comply with the Code as amended and revised from time to time.

- I understand that I can access the Code via the Internet at <http://www.jpmorganchase.com> > About Us > Governance > Code of Conduct prior to joining the firm, and through the firm's intranet once I begin employment.
- I am aware of the specific policies related to personal investments for certain businesses and support units, and I understand that, if these are applicable to me, I will have thirty days after my start date to ensure my compliance with the designated broker requirements.
- I acknowledge that the Code requires that certain outside activities be approved in writing after I begin employment, and I agree that, if any such required approval is denied, I will cease the relevant activity immediately.
- As a JPMorgan Chase employee I understand that the Code requires me to report any violation I know about or suspect, whether it's a violation of the Code, of internal firm policies, or of laws or regulations applicable to the firm's business. I understand that failure to do so can result in disciplinary action up to and including termination of employment.
- I understand that all employees have post-employment responsibilities regarding confidential information.
- I acknowledge that the Code also requires that I safeguard confidential information, including anything that I created while working for my previous employer(s). I understand that I am not allowed to bring any of this with me to use at JPMorgan Chase or disclose any confidential information from a prior employer unless it has already been made public through no action of my own.
- I understand my offer of employment is contingent upon a determination by JPMorgan Chase that neither the offer nor my employment would violate, or create the appearance of violating, the firm's Code of Conduct, Anti-Corruption Policy, or Human Resources policies and practices, or any applicable laws or regulations.
- I understand further if I am a Senior-Level Employee*, that Senior-Level Employees have certain additional responsibilities that continue after their employment with the firm terminates, including restrictions on solicitation and hiring of the firm's employees and solicitation of certain customers. I understand that I am responsible for knowing which post-employment responsibilities apply to me and I agree to comply with all applicable requirements.

Independent Auditor Tax Services to Employees of JPMorgan Chase and its Affiliates

To be in compliance with the Public Company Accounting Oversight Board (PCAOB) Rule 3523 it is JPMorgan Chase's (JPMC) policy that PricewaterhouseCoopers (PwC) cannot provide any tax services to employees of JPMC or any of its controlled entities (hereafter referred to as JPMC employee). This restriction is regardless of whether the individual is in a financial reporting oversight role or not, and whether PwC is engaged by the individual or by JPMC. PwC is also prohibited from providing any tax services to a spouse of a JPMC employee if the work is related to a joint tax return. Exceptions to this policy will be reviewed on a case-by-case basis and will require the approval of the JPMC Controller.

Signature: Zhiyao Zhou Date: 26-Nov-2016

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

B6. Intellectual Property Developed During Your Internship

B6.1 "Intellectual Property Rights" means copyright, patents, know-how, confidential information, database rights and rights in trade marks and designs (whether registered or unregistered), applications for registration and the right to apply for registration, for any of the same, and all other intellectual property rights and equivalent or similar forms of protection existing anywhere in the world; "Intellectual Property Materials" means all documents, software, photographic or graphic works of any type, and other materials in any medium or format which are created by or on behalf of you in the course of your internship and which are protected by or relate to Intellectual Property Rights.

B6.2 With respect to all Intellectual Property Rights arising and all Intellectual Property Materials originated, acquired or developed by you whilst you are employed by any company in the Group ("internship"):

- a) you must disclose and hereby assign to the Company all such Intellectual Property Rights (including all present and future copyright and copyright revivals and extensions) together with the right to apply for and hold any patents or trade marks in respect of such Intellectual Property Rights which assignment shall take effect upon the creation of each of the Intellectual Property Rights;
- b) you acknowledge that all such works are "works for hire" of which the Company is the author;
- c) you agree that all such Intellectual Property Rights and Intellectual Property Materials will be the exclusive property of the Company;
- d) you must at any time during and after your internship, furnish such information and assistance, and execute such applications and other documents which the Company considers necessary to obtain, protect or perfect its right, title and interest in respect of such Intellectual Property Rights and Intellectual Property Materials;
- e) you must not dispute or oppose the proprietorship of the Company in such Intellectual Property Rights nor will you assist any other person to do so;
- f) you waive all legal and moral rights in the Intellectual Property Materials to which you would otherwise be entitled under the law of any relevant jurisdiction; and
- g) you shall immediately transfer without any charge to the Company all Intellectual Property Materials in your possession or under your control when your internship terminates for any reason, or at any time when the Company requests transfer and no copies or other record of any Intellectual Property Materials may be retained by you except with the prior written consent of the Company.

offer of employment from another employer (regardless of the nature of its business or whether it is a client or competitor of J.P. Morgan), you must notify your manager no later than 3 business days of your acceptance of the offer.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Signature: Zhiyao Zhou Date: 26-Nov-2016

168 Robinson Road, Capital Tower, Singapore 068912
Telephone: 65 6882 2888 Facsimile: 65 6536 8757 Telex: RS 21370 CHASMAN Swift: CHASSGSG
JPMorgan Chase Bank, N.A.
Organised under the laws of U.S.A. with limited liability

Zhou ZHIYAO

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

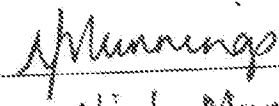
Peter MUNNINGS

Signature: 

Printed Name: PETER MUNNINGS

Date: 22 SEPT 2017

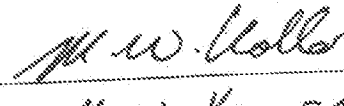
WITNESS

Signature: 

Printed Name: Nicola Munnings

Date: 22 SEPT 2017

WITNESS

Signature: 

Printed Name: M.W. Koller

Date: 24 SEPT 2017

Coenie BEYERS

Signature: CJ Beyers

Printed Name: Coenraad Johannes Beyers

Date: 4/10/2017

WITNESS

Signature: Elise

Printed Name: Elise Elise Elise

Date: 4/10/17

WITNESS

Signature: Beyers

Printed Name: Pascale Beyers

Date: 4/10/2017

Patrick Mylund NIELSEN

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

Coenie BEYERS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

WITNESS

Signature: _____

Printed Name: _____

Date: _____

Patrick Mylund NIELSEN

Signature: 

Printed Name: Patrick Nielsen

Date: 12/04/2017

WITNESS

Signature: 

Printed Name: Franklin B.

Date: 12/04/2017

WITNESS

Signature: 

Printed Name: Amber Baldet

Date: 12/04/2017