

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7936322

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TANMAY MADAN	05/16/2018
STEPHEN FLAHERTY	07/07/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JPMORGAN CHASE BANK, N.A.
<b>Street Address:</b>	383 MADISON AVENUE
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10179
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17126640
<b>Application Number:</b>	16410033
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)716-1180
<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>	
<b>Phone:</b>	703-716-1191
<b>Email:</b>	gbpatent@gbpatent.com
<b>Correspondent Name:</b>	GREENBLUM & BERNSTEIN, P.L.C.
<b>Address Line 1:</b>	1950 ROLAND CLARKE PLACE
<b>Address Line 4:</b>	RESTON, VIRGINIA 20191
<b>ATTORNEY DOCKET NUMBER:</b>	P61941, P57907
<b>NAME OF SUBMITTER:</b>	ALI M. IMAM
<b>SIGNATURE:</b>	/Ali M Imam/
<b>DATE SIGNED:</b>	05/04/2023
<b>Total Attachments: 8</b>	
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**ASSIGNMENT**

WHEREAS, WE, Duncan ADAMS; Dr. Alex HAYZELDEN; Tanmay MADAM; Matthew GARDNER; and Andrew J. MULLER; have invented, developed, and/or have rights in the invention(s) (hereinafter "Invention") disclosure in a United States patent application entitled:

**SOFTWARE DEVELOPMENT WORKBENCH**

filed on May 11, 2018, and accorded Application No. 62/670,444 (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, Calfee, Halter & Griswold, whose address is The Calfee Building, 1405 East Sixth Street, Cleveland, OH 44114, 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.

Duncan ADAMS

Signature: 

Printed Name: D. ADAMS

Date: 22/5/18

WITNESS

Signature: 

Printed Name: DOUGLAS J. COHEN

Date: 22/5/2018

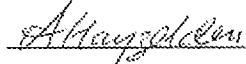
WITNESS

Signature: 

Printed Name: ADAM PERRYMAN

Date: 22/5/2018

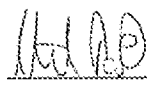
Dr. Alex HAYZELDEN

Signature: 

Printed Name: ALEX HAYZELDEN

Date: 16<sup>th</sup> MAY 2018


WITNESS

Signature: 

Printed Name: HELEN POTTS

Date: 16/5/18

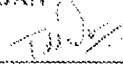
WITNESS

Signature: 

Printed Name: ROBERT POVEY

Date: 16/5/2018

Tanmay MADAN

Signature: 

Printed Name: TANMAY MADAN

Date: 16<sup>th</sup> MAY 2018


WITNESS

Signature: 

Printed Name: HELEN POTTS

Date: 16/5/18

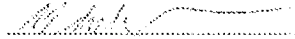
WITNESS

Signature: 

Printed Name: ROBERT POVEY

Date: 16/5/2018

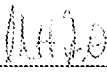
Matthew GARDNER

Signature: 

Printed Name: MATTHEW GARDNER

Date: 16<sup>th</sup> MAY 2018

WITNESS

Signature: 

Printed Name: HELEN POTTS

Date: 16/5/18

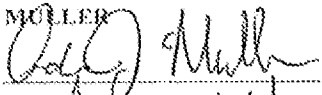
WITNESS

Signature: 

Printed Name: ROBERT POVEY

Date: 16/5/2018

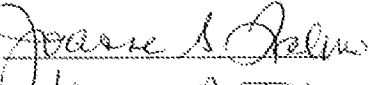
Andrew J. MOLLER

Signature: 

Printed Name: Andrew J Moller

Date: 5/16/2018

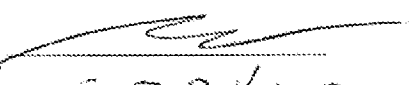
WITNESS

Signature: 

Printed Name: Joanne A. Talmo

Date: 5/16/2018

WITNESS

Signature: 

Printed Name: Scott D Veterinore

Date: 5-16-18

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Duncan ADAMS et al.

Examiner: WEI, Zheng

Appl. No. : 17/126,640

Art Unit: 2192

Filed : December 18, 2020

**Confirmation No.: 5911**

For : SOFTWARE DEVELOPMENT WORKBENCH

***COVER LETTER REGARDING INVENTOR'S ASSIGNMENT OF RIGHTS***

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

Mr. Stephen FLAHERTY, the 6th inventor in the above-captioned application, cannot be found or reached after diligent effort, and thus is not available to execute an assignment of rights in the subject matter disclosed and claimed in U.S. Application Nos. 17/126,640 filed on December 18, 2020 and 16/410,033, filed on May 13, 2019.

However, by virtue of Mr. FLAHERTY confirmed an Affirmation Record (electronically accepted by Mr. FLAHERTY on July 7, 2021; please see the attached document) related to the development of the technology that resulted in the subject matter disclosed with his former employer JPMorgan Chase Bank, N.A. of New York, New York, JPMorgan Chase Bank, N.A. has obtained all rights to the pending invention made by Mr. FLAHERTY's Affirmation Record.

Accordingly, Applicant attaches herewith for recordation an Affirmation Record between Mr. FLAHERTY and JPMorgan Chase Bank, N.A., in which Mr. FLAHERTY affirmed:

**"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 of Conduct and all applicable JPMC policies.**



**I understand that I must conduct myself in a way that is consistent with the Code of Conduct, demonstrating compliance with the principles and intent of the Code of Conduct, and applicable laws and regulations.**

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

Thus, in the course of his employment and in performance of the Pledge with JPMorgan Chase Bank, N.A., Mr. FLAHERTY did conceive, create and/or develop the subject matter described and claimed in the present application. Additionally, as the Pledge does not include any contrary provisions, JPMorgan Chase Bank, N.A. is the owner of the pending application and of the subject matter described and claimed therein.

Therefore, recordation of the attached document and the forwarding of a Notice of Recordation evidencing that JPMorgan Chase Bank, N.A. is the owner of the subject matter described and claimed in the application that was made by Mr. FLAHERTY in performance of the Pledge is respectfully requested. Should there be any questions, please contact the undersigned at the telephone number listed below.

Respectfully submitted,  
/Ali M. Imam/  
Ali M. Imam  
Reg. No. 58,755

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Sean Myers-Payne  
Reg. No. 42920

May 4, 2023  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

{P61941 05709286.DOCX}

# JPMORGAN CHASE & CO.

## Code of Conduct 2021 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 of Conduct and all applicable JPMC policies.

I understand that I must conduct myself in a way that is consistent with the Code of Conduct, demonstrating compliance with the principles and intent of the Code of Conduct, and applicable laws and regulations.

I also affirm that I have reported any potential or actual violations of the Code of Conduct, JPMC policies, or laws or regulations applicable to JPMC's business, as required by 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 may be updated periodically, as necessary; and that the current version is posted on the JPMorgan Chase intranet as well as on its public website.

Standard ID: U808394

Name: Flaherty, Stephen

Department: MANAGEMENT & COS - UK

Affirmation Date: 07 Jul 2021

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