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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4261422

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHYAMAL J. SHAH	07/12/2016
KEVIN T. HANRAHAN	06/28/2016
DAVID JOHN WALSH	11/02/2016
ZAK BURKHARDT	06/23/2016
JEREMY ROJAS	06/29/2016
RENATO MARCIANO JR.	06/28/2016
LEILA ELORFI	06/29/2016
LANCE CALAMITA	06/27/2016
ANIL KUMAR CHUNDURU	06/29/2016

RECEIVING PARTY DATA

Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	270 PARK AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15188438

CORRESPONDENCE DATA

Fax Number: (614)248-4189

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: (614)217-4692

Email: jpmc.patents@jpmchase.com

JANET PETERSON Correspondent Name:

Address Line 1: 1111 POLARIS PARKWAY Address Line 2: MAIL CODE OH1-0152 Address Line 4: COLUMBUS, OHIO 43240

ATTORNEY DOCKET NUMBER: 72167.001105 JANET PETERSON NAME OF SUBMITTER:

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SIGNATURE:	/Janet Peterson/	
DATE SIGNED:	02/06/2017	
Total Attachments: 11	·	
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PATENT REEL: 041184 FRAME: 0103

ASSIGNMENT

WHEREAS, WE, Shyamal J. SHAH (citizen of IN) residing at 4116 Knollpoint Drive, Wesley Chapel, FL 33544, US; Kevin T. HANRAHAN (citizen of US) residing at 2800 Harrison Street, Evanston, IL 60201, US; David John WALSH (citizen of IE) residing at 1228 Cherry Street, Winnetika, IL 60093, US; Zak BURKHARDT (citizen of US) residing at 12322 Gilmerton Mist Lane, Riverview, FL 33579, US; Jeremy ROJAS (citizen of US) residing at 85 NE 108th Street, Miami Shores, FL 33161, US; Renato MARCIANO Jr. (citizen of PH) residing at 1011 Milano Circle, Apt. 102, Brandon, FL 33511, US; Leila ELORFI (citizen of US) residing at 5345 War Admiral Drive, Wesley Chapel, FL 33544, US; Lance CALAMITA (citizen of US) residing at 4217 North Sheridan Road, Chicago, IL 60613, US; and Anil Kumar CHUNDURU (citizen of IN) residing at 202 Navdurga C.H.S., Govandi Station Road, Govandi East, Mumbai, Maharashtra 400 088, IN; 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 IMPROVED WORKFLOW PROCESSING

filed on _6/21/2016 , and accorded Application No. _15/188, 438 (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

1 of 7 <{AMER Active:990806v1}>

PATENT REEL: 041184 FRAME: 0104 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.

Shyamal J. SHAH	
Signature: S. J. Shah	
Signature: <u>S. J. Shah</u> Printed Name: <u>Shyamal</u> J. Sha	L
Date: 07/12/2016	
WITNESS Signature: Printed Name: Leila Elokfi Date: 7 12116	
Kevin T. HANRAHAN	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:

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

Shyamal J. SHAH	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:
Kevin T. HANRAHAN	
Signature: Kari Hamahan	
Printed Name: Kevin Hontahan	
Date: 6/28/2016	
WITNESS	WITNESS
Signature:	Signature:
Printed Name: PATROK CHIU	Printed Name: Weihua Zhu
7/2/11	6/20/1

David John WALSH	
Signature: Du (1)	
Printed Name: Deven	
Date: 11-2-16	
WITNESS Signature: Calcula Printed Name: Carca Calculate Date: /// 3/2016	WITNESS Signature: PATRICICIC CHILL Date: 11/3/16
,	
Zak BURKHARDT	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:

Shyamal J. SHAH	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:
Zak BURKHARDT Signature: Printed Name: Zak Burkhardt	
Date: 6/23/16	
WITNESS Signature:	WITNESS Signature: Lineals Marion J
Printed Name: Jeremy Rojas	Printed Name: Renato Marciano
Date:6/23/16	Date: 6/23/16

Jeremy ROJAS Signature: Printed Name: Jeremy Rojas Date: 6/29/16	
WITNESS Signature: Joh Dukhut	WITNESS Kingle Marciam J
Printed Name: Zak Burkhardt	Printed Name: Renato Marciano
Date:6/29/16	6/29/16 Date:
Renato MARCIANO JR. Signature: Printed Name: Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:

Jeremy ROJAS	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:
Renato MARCIANO JR. Signature: Renato Marciano Jr. Printed Name: Penato Marciano Jr. Date: 06/28/2016	
WITNESS Signature:	WITNESS
	Signature: 2 Buldwill
Printed Name:	Printed Name: Zak Burkhardt
Date:06/28/2016	Date: 06/28/2016

Leila ELORFI	
Signature: Leila Clorfi	
Printed Name: Leila Elorfi	
Date:06/29/2016	
WITNESS Signature:	WITNESS Signature: Routh Marrians &
Printed Name: Jeremy Rojas	Printed Name: Renato Marciano
Date:06/29/2016	Date:06/29/2016
Lance CALAMITA	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:

Leila ELORFI	
Signature:	
Printed Name:	
Date:	
WITNESS	WITNESS
Signature:	Signature:
Printed Name:	Printed Name:
Date:	Date:
Lance CALAMITA Signature: Lance Calamita Printed Name: Lance Calamita Date: 6/27/2014	
WITNESS	WITNESS
Signature:	Signature:
Printed Name: PATRICK CHIU	Printed Name: Bryon Shown be
Date: $6/27/16$	Date: 6/27/16

Attorney Docket No. 72167.001105

Anil Kumar CHUNDURU			
Signature: (145)			
Printed Name: Anil Kumar Chundus	·U		
Date: 6/29/2016			
WITNESS	WITNESS		,
Signature:	Signature:	Ary Rebush	
Printed Name: Milesh Chitta	Printed Name:	Ajay	Pathals
Date: 6/28/2016	Dater	6/29	12016

7 of 7 <{AMER_Active:990806v1}>

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