504954415 06/11/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5001162

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YADA ZHU	05/26/2018
XUAN LIU	05/09/2018
BRIAN LEO QUANZ	05/15/2018
AJAY ASHOK DESHPANDE	05/17/2018
ALI KOC	06/01/2018
LEI CAO	05/15/2018
YINGJIE LI	05/17/2018

RECEIVING PARTY DATA

Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16005373

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: YOR820161509US01

NAME OF SUBMITTER: LORETTA CHARLES

SIGNATURE: /Loretta Charles/

DATE SIGNED: 06/11/2018

504954415 REEL: 046048 FRAME: 0056

Total Attachments: 8 source=YOR820161509US01_Declaration_Assignment#page1.tif source=YOR820161509US01_Declaration_Assignment#page2.tif source=YOR820161509US01_Declaration_Assignment#page3.tif source=YOR820161509US01_Declaration_Assignment#page4.tif source=YOR820161509US01_Declaration_Assignment#page5.tif source=YOR820161509US01_Declaration_Assignment#page6.tif source=YOR820161509US01_Declaration_Assignment#page7.tif source=YOR820161509US01_Declaration_Assignment#page8.tif

PATENT REEL: 046048 FRAME: 0057

DECLARATION (37 C.F.R. § 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. § 1.76) AND ASSIGNMENT

Title of Invention: FULFILMENT MACHINE FOR OPTIMIZING SHIPPING

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

	United	States ap	4	PCT ii ed on	nternation	ial application	number
Āss	ignors	hereby		~	request	ASSIGNEE'	s legal
rep	resenta	tives of In	telletek Law	Group	o, PLLC, 8	800 2 nd Ave. S	uite 804,
	· ·				4 (.,	aph above, th when known.	he serial

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

WHEREAS, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

WHEREAS, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk, New York, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby

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I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Legal Name of Inventor: Yada Zhu		
Inventor's Signature	1/4/2018	
Legal Name of Inventor: Xuan Liu		
Inventor's Signature:	Date:	
Legal Name of Inventor: Brian Leo Quanz		
Inventor's Signature:	Date:	
Legal Name of Inventor: Ajay Ashok Deshpande		
Inventor's Signature:	Date:	

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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Legal Name of Inventor: Yada Zhu	
Inventor's Signature	Date:
*	w.
Legal Name of Inventor: Xuan Liu	
Inventor's Signature: Luntiu	Date: 5/9/18
Legal Name of Inventor: Brian Leo Quanz	
Inventor's Signature:	Date:
Legal Name of Inventor: Ajay Ashok Deshpande	
Inventor's Signature:	Dates

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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Legal Name of Inventor: Yada Zhu	
Inventor's Signature:	Date:
Legal Name of Inventor: Xuan Liu	
Inventor's Signature:	Date:
Legal Name of Inventor: Brian Leo Quanz	
Inventor's Signature:	Date:
Brian Duanz	05/15/2018
Legal Name of Inventor: Ajay Ashok Deshpande	
Inventor's Signature:	Date:

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I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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Legal Name of Inventor: Yada Zhu	
Inventor's Signature:	Date:
×	*
Legal Name of Inventor: Xuan Liu	
Inventor's Signature:	Date:
Legal Name of Inventor: Brian Leo Quanz	
Inventor's Signature:	Date:
Legal Name of Inventor: Ajay Ashok Deshpande	
Invenior's Signature:	Date: 17 May 2018

Legal Name of Inventor: Ali Koc			
Inventor's Signature;	Date: 06/01/2013		
Legal Name of Inventor: Lei Cao			
Inventor's Signature:	Date:		
Legal Name of Inventor: Yingjie Li	<u> </u>		
Inventor's Signature:	Date:		

Legal Name of Inventor: Ali Koc	
Inventor's Signature:	Date:
Legal Name of Inventor: Lei Cao	
Inventor's Signature:	Date:
Lei Can	05/15/218
Legal Name of Inventor: Yingjie Li	
Inventor's Signature:	Date:

REEL: 046048 FRAME: 0064

Legal Name of Inventor: Ali Koc	
Inventor's Signature:	Date:
Legal Name of Inventor: Lei Cao	J
Inventor's Signature:	Dale:
Legal Name of Inventor: Yingjie Li	
Inventor's Signature:	Date: 5/17/18

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