

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6612283

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ZIP CODE IN RECEIVING PARTY DATA previously recorded on Reel 038541 Frame 0173. Assignor(s) hereby confirms the ZIP CODE SHOULD BE 10504.
CONVEYING PARTY DATA	
Name	Execution Date
AJAY A. DESHPANDE	05/08/2016
ARUN HAMPAPUR	05/06/2016
ALI KOC	05/04/2016
YINGJIE LI	05/06/2016
XUAN LIU	05/06/2016
BRIAN L. QUANZ	05/03/2016
DAHAI XING	05/01/2016
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:	15151342
CORRESPONDENCE DATA	
Fax Number:	(507)253-5334
<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:	5072535514
Email:	liddrev@us.ibm.com
Correspondent Name:	IBM CORPORATION
Address Line 1:	1101 KITCHAWAN ROAD, ROUTE 134, P.O. BOX 218
Address Line 4:	YORKTOWN, NEW YORK 10598
ATTORNEY DOCKET NUMBER:	YOR920160168US1
NAME OF SUBMITTER:	MICHELLE SCHUSTER
SIGNATURE:	/Michelle Schuster/

DATE SIGNED:	03/19/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 16 source=YOR920160168US1_FiledAssignment_5-10-16#page1.tif source=YOR920160168US1_FiledAssignment_5-10-16#page2.tif source=YOR920160168US1_FiledAssignment_5-10-16#page3.tif source=YOR920160168US1_FiledAssignment_5-10-16#page4.tif source=YOR920160168US1_FiledAssignment_5-10-16#page5.tif source=YOR920160168US1_FiledAssignment_5-10-16#page6.tif source=YOR920160168US1_FiledAssignment_5-10-16#page7.tif source=YOR920160168US1_FiledAssignment_5-10-16#page8.tif source=YOR920160168US1_FiledAssignment_5-10-16#page9.tif source=YOR920160168US1_FiledAssignment_5-10-16#page10.tif source=YOR920160168US1_FiledAssignment_5-10-16#page11.tif source=YOR920160168US1_FiledAssignment_5-10-16#page12.tif source=YOR920160168US1_FiledAssignment_5-10-16#page13.tif source=YOR920160168US1_FiledAssignment_5-10-16#page14.tif source=YOR920160168US1_FiledAssignment_5-10-16#page15.tif source=YOR920160168US1_FiledAssignment_5-10-16#page16.tif	

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Electronic Version v1.1
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EPAS ID: PAT3867033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AJAY A. DESHPANDE	05/08/2016
ARUN HAMPAPUR	05/06/2016
ALI KOC	05/04/2016
YINGJIE LI	05/06/2016
XUAN LIU	05/06/2016
BRIAN L. QUANZ	05/03/2016
DAHAI XING	05/01/2016
RECEIVING PARTY DATA	
Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country:	NEW YORK
Postal Code:	11530
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15151342
CORRESPONDENCE DATA	
Fax Number:	(516)742-4366
<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:	516-742-4343
Email:	ANNA@ssmp.com
Correspondent Name:	SCULLY, SCOTT, MURPHY & PRESSER, P.C.
Address Line 1:	400 GARDEN CITY PLAZA
Address Line 2:	SUITE 300
Address Line 4:	GARDEN CITY, NEW YORK 11530
ATTORNEY DOCKET NUMBER:	YOR920160168US1 (33137)
NAME OF SUBMITTER:	PAUL J. ESATTO, JR.
SIGNATURE:	/Paul J. Esatto, Jr./
DATE SIGNED:	05/10/2016

PATENT

Total Attachments: 14

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**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: A SYSTEM AND METHOD FOR SETTING INVENTORY THRESHOLDS
FOR OFFERING AND FULFILLMENT ACROSS RETAIL SUPPLY NETWORKS

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 application or PCT international application number _____
filed on _____.

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 authorize and request the Director of the United States Patent and
Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign
patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my
entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its
successors, legal representatives, and assigns to the full end of the terms for which any and all such
patents may be granted, as fully and entirely as would have been held and enjoyed by me had this
Assignment not been made; and I agree to execute any and all documents and instruments and perform all
lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all

related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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.

(1) Legal Name of Inventor: **AJAY A. DESHPANDE**

Signature:  Date: 2016-05-08

(2) Legal Name of Inventor: **ARUN HAMPAPUR**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **ALI KOC**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **YINGJIE LI**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **XUAN LIU**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **BRIAN L. QUANZ**

Signature: _____ Date: _____

(7) Legal Name of Inventor: **DAHAI XING**

IBM DOCKET NUMBER: YOR920160168US1

Signature: _____ Date: _____

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby
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therefor in the United States and in all foreign countries and jurisdictions, including all divisions,
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entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its
successors, legal representatives, and assigns to the full end of the terms for which any and all such
patents may be granted, as fully and entirely as would have been held and enjoyed by me had this
Assignment not been made; and I agree to execute any and all documents and instruments and perform all
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(1) Legal Name of Inventor: **AJAY A. DESHPANDE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **ARUN HAMPAPUR**

Signature:  Date: 5/6/2016


(3) Legal Name of Inventor: **ALI KOC**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **YINGJIE LI**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **XUAN LIU**

Signature:  Date: 5/6/16

(6) Legal Name of Inventor: **BRIAN L. QUANZ**

Signature: _____ Date: _____

(7) Legal Name of Inventor: **DAHAI XING**

IBM DOCKET NUMBER: YOR920160168US1

Signature: _____ **Date:** _____

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(1) Legal Name of Inventor: **AJAY A. DESHPANDE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **ARUN HAMPAPUR**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **ALI KOC**

Signature:  Date: 04 MAY 2016

(4) Legal Name of Inventor: **YINGJIE LI**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **XUAN LIU**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **BRIAN L. QUANZ**

Signature: _____ Date: _____

(7) Legal Name of Inventor: **DAHAI XING**

Signature: _____ Date: _____

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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 authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all

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(1) Legal Name of Inventor: **AJAY A. DESHPANDE**

Signature: _____ Date: _____

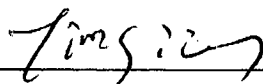
(2) Legal Name of Inventor: **ARUN HAMPAPUR**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **ALI KOC**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **YINGJIE LI**

Signature:  Date: 5/6/16

(5) Legal Name of Inventor: **XUAN LIU**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **BRIAN L. QUANZ**

Signature: _____ Date: _____

(7) Legal Name of Inventor: **DAHAI XING**

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Signature: _____ Date: _____

(2) Legal Name of Inventor: **ARUN HAMPAPUR**

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Signature: _____ Date: _____

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Signature: _____ Date: _____

(5) Legal Name of Inventor: **XUAN LIU**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **BRIAN L. QUANZ**

Signature: Brian Quanz Date: 5/3/2016

(7) Legal Name of Inventor: **DAHAI XING**

Signature: _____ Date: _____

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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 authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all

related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns. 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.

(1) Legal Name of Inventor: **AJAY A. DESHPANDE**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **ARUN HAMPAPUR**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **ALI KOC**

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Signature:  _____ Date: 05/01/2016