504359764 05/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4406455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAGESWARARAO V. GOKAVARAPU	04/19/2017
GOPALAKRISHNAN P	04/20/2017
PARAMESWARAN SELVAM	04/19/2017
HARIHARAN N. VENKITACHALAM	04/20/2017

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:	15591280

CORRESPONDENCE DATA

Fax Number: (518)220-1857

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.

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Email: 30449@IPLAWUSA.COM

Correspondent Name: SCHMEISER, OLSEN & WATTS

22 CENTURY HILL DRIVE Address Line 1:

Address Line 2: SUITE 302

Address Line 4: LATHAM, NEW YORK 12110

ATTORNEY DOOKET NUMBER.	IN 10004 000071 104
ATTORNEY DOCKET NUMBER:	IN920160297US1
NAME OF SUBMITTER:	JAMES M. SYTA, 50949
SIGNATURE:	/James M. Syta/
DATE SIGNED:	05/10/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 8

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PATENT REEL: 042321 FRAME: 0360

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PATENT REEL: 042321 FRAME: 0361

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

Time of Inventions. INTEGRATING TRANSACTION PROCESSING SYSTEM. INTERFACES WITH EVENT DRIVEN POLYGLOT RUNTIME MODULES.

As a heliow named and under-	igned inventor. I	hereby declare th	ai.	
This declaration is directed to	the attached appl	ication, or it follows	ownshows a con-	kedi
Transa States application of	u PCT internation	ad application re	imber	
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The above scentified applicat	ion was made or s	uthorized to be r	nade ty Die	
I believe that I am the origina	l inventor or an or	nganas joint at ver		
application.				
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Whereas, I ("ASSIGNOR") have made certain inventions, improvements, stail discoveries in a first to as the "Invention" (discoveries to the above identified patent application and further identified by the IBM Decket Number provided above in the header of this document.

Whereas, International Business Machines Corporation (herein referred to active of New York having a place of business at Armonic New York devices to a constitution of Research and ASSIC NAFE, my entire worldwide right title, and interest in an active of the and any and all patent applications and patents directed thereto.

New therefore, for good and valuable consideration, the recept and sufficiency the extraction as as en now legació. Il beneby sell or have sole, assign or have assigned, and otherwise translation assign transferred to the ASSIGNEE, its successors, legal representatives, and assets, inventor with two eggs, by e. and interest in and to the Invention, the above-identified United States patent out issues, and any and all other patent applications and patents for the invention which may be anythic for a countrie. therefore the Cored States and real foreign countries and jurisdictions, including all the source. communications resistant recognitions repeated executions country in the substitute and a substitute of the substitute o thereof, and all rights of principle coulding from the filter of such applications and grant in parents. In addition, I hereby authorize and request the Director of the United States Intent and Automore College to the general collect States Patent, and foreign patient sufficient excessions and access espent profiled for the invention, to the ASSICIVER, its vaccessors, legal representatives, and assign entre work outer right, title, and interest in and to the same to be held and conored by the ASSIC SEC. age exposs legal representatives, and assigns to the full and of the laters for which are and all such water to the second as fully and entirely as would have been held and entire at the recording Assument not been made, and I agree to execute any and all documents and instruments and nectoring godgling a reasonably related to recording the Assignment or perfecting title to the live of our and all eciated patents and applications, in the ASSEASE, its successors, less representatives, and recogni-

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a periodic regional by the ANNO SEC TO SUCCESSOR TO RESIDENCE OF SUCCESSOR.

Tacknowledge my prior and ongoing obligations to self, assign, and transfer my rights under this Assignment to the ASSIGNEE and an unaware of any reason why I may not have the full and memoraribered right to self, assign and transfer my rights bereby cold assigned, and transferred, and have not executed, and will not execute any document or instrument in conflict berewith. I also hereby grant the ASSIGNEE, its successors logic representatives, and usages the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or describe 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 teleral courts and in New York.

Thereby accommodise that any writted false statement made in this decoration is panishable and ex. (A U.S.C. 1601 by the or improvement of not more than live (5) years or both.

The residual control of the Addison Addison And Addison		
Signature: <u>60 Appendixo</u>	Dates	19/4/2017
(2) Legal Name of Inventor: Gopalakrishnan P		
Standare	Dates	
(3) Legal Name of Inventor: Parameswaran Selvam		
Signature	Dates	
(4) Legal Name of Inventor. Haribaran N. Venkitachalam		
Variations	Dates	

IBM DOCKET NUMBER: IN920160297US1

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: INTEGRATING TRANSACTION PROCESSING SYSTEM INTERFACES WITH EVENT-DRIVEN POLYGLOT RUNTIME MODULES

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	500
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 CFR Section 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,

Page 1 of 2

IBM DOCKET NUMBER: IN920160297USI

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: Nageswararao V. Gokavar	apu	
Signature:	Date:	· · ·
(2) Legal Name of Inventor: Gopalakrishnan P		
Signature:	Date:	20-Apr-2017
(3) Legal Name of Inventor: Parameswaran Selvam		
Signature:	Date:	
(4) Legal Name of Inventor: Hariharan N. Venkitachal.	am	
Signature:	Date:	

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As a higher named and undersigned inventor. I hereby co	declare than
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known to me to be material to patentiability as defined.	m 37 k FM Section 4.30

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, stail discoveries, in 1997 to the invention of indiscoveries the above identified patent application and further identified by the IBM Decket Number provided above in the header of this document.

Whereas, International Business Machines Corporation (herein referred to active of New York having a place of business at Armonic New York devices to a constitution of Research and ASSIC NAFE, my entire worldwide right title, and interest in an active of the and any and all patent applications and patents directed thereto.

New therefore, for good and valuable consideration, the recept and sufficiency the extraction as as acknowledged, I bereby sell or have sold, as ago or have assigned, and otherwise transier or have transferred to the ASSIGNEE, its successors, legal representatives, and assets, inventor with two eggs, by e. and interest in and to the Invention, the above-identified United States patent out issues, and any and all other parent applications and parents for the invention which may be applied for a country therefore the Chinest States and total Lorenza Charles and Jurisdictions, including all the concommunications resistant recognitions repeated executions country in the substitute and a substitute of the substitute o thereof, and all rights of principle coulding from the filter of such applications and grant in parents. In addition, I hereby authorize and request the Director of the United States Intent and Automore College to the general collect States Patent, and foreign patient sufficient excessions and access espent profiled for the invention, to the ASSICIVER, its vaccessors, legal representatives, and assign egge works up nebugate and interest in and to the same to be held and consect by the ASSIC SEC. age exposs legal representatives, and assigns to the full and of the laters for which are and all such water to the second as fully and entirely as would have been held and entire at the recording Assument not been made, and I agree to execute any and all documents and instruments and nectoring godgling a reasonably related to recording the Assignment or perfecting title to the live of our and all eciated patents and applications, in the ASSEASE, its successors, less representatives, and recogni-

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whenever requested by the ASSIGNEE, its successors, legal representatives, or assigni-

Lacknowledge my prior and one one of igamony or self, assign, and transfer to rights under the ASSIGNED and an analyze of any erason sets a ray on the Control of the analyze of any erason sets are readed and transfer of the analyze of the self-assign and transfer of the analyze of the self-assign and transfer of the analyze of the self-assign and transfer of the self-assign and the self-assign and transfer of the ASSIGNED as an account to the analyze of the self-assign and the self-assign and transfer of the self-assign and the self-assign

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Statute	Date	
(2) Lega Name of Inventor: Gopulakrishnan P		
Signature	Date	
(3) Legal Name of Inventor: Parameteraran Selvani		
Segmenter	Date	19.09.307
(4) Legal Name of Inventor Hartharan N. Venkitachalam		
Signature	Descri	

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IBM DOCKET NUMBER: IN920160297US1

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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 related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns,

Page 1 of 2

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(1) Legal Name of Inventor: Nageswararao V. Gokavarapu		
Signature:	Date:	
(2) Legal Name of Inventor: Gopalakrishnan P		
Signature:	Date:	
(3) Legal Name of Inventor: Parameswaran Selvam		
Signature:	Date:	
(4) Legal Name of Inventor: Hariharan N. Venkitachalam		
Signature:	Date:	20-AFR-2017

Page 2 of 2