503176338 02/11/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3222952

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMMANUEL BARAJAS GONZALEZ	02/09/2015
SHAUN E. HARRINGTON	02/09/2015
BENJAMIN K. RAWLINS	02/09/2015

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:	14620105

CORRESPONDENCE DATA

Fax Number: (408)971-4660

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: 408-971-2573

Email: Wyndie@zilkakotab.com

Correspondent Name: ZILKA-KOTAB, PC Address Line 1: 1155 N. 1ST. STREET

Address Line 2: SUITE 105

Address Line 4: SAN JOSE, CALIFORNIA 95112

ATTORNEY DOCKET NUMBER:	TUC1P228/TUC920140128US1
NAME OF SUBMITTER:	DOMINIC M. KOTAB
SIGNATURE:	/Dominic M. Kotab/
DATE SIGNED:	02/11/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

source=TUC920140128US1_TUC1P228_Executed_Signatures#page1.tif source=TUC920140128US1_TUC1P228_Executed_Signatures#page2.tif

PATENT 503176338 REEL: 034943 FRAME: 0566

source=TUC920140128US1_TUC1P228_Executed_Signatures#page3.tif source=TUC920140128US1_TUC1P228_Executed_Signatures#page4.tif source=TUC920140128US1_TUC1P228_Executed_Signatures#page5.tif source=TUC920140128US1_TUC1P228_Executed_Signatures#page6.tif

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: PARALLEL TESTING OF A CONTROLLER AREA NETWORK BUS CABLE

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
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

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;

known to me to be material to patentability as defined in 37 CFR Section 1.56.

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

IBM DOCKET NUMBER: TUC1P228/TUC920140128US1

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: Emmanuel Barajas Gonzalez	
	Signature: Towns Description	Date: <u>feb - 09</u> - 201
(2)	Legal Name of Inventor: Shaun E. Harrington	
	Signature:	Date:
(3)	Legal Name of Inventor: Benjamin K. Rawlins	
	Signature:	Date:

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: PARALLEL TESTING OF A CONTROLLER AREA NETWORK BUS CABLE

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 numberfiled 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

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

IBM DOCKET NUMBER: TUC1P228/TUC920140128US1

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: Emmanuel Barajas Gonzalez	
Signature:	Date:
(2) Legal Name of Inventor: Shaun E. Harrington	
Signature:	Dat 8 9 15
(3) Legal Name of Inventor: Benjamin K. Rawlins	
Sionature	Date:

DECLARATION (FIGER, 1,63) FOR ETILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (FIGER, 1,76) AND ASSIGNMENT

PARALLEL TESTING OF A CONTROLLER AREA NETWORK BUS CABLE

****			www		****																																					
3333										****		9999	***	***	***	8888	33333	98888	22220	33333	2000	\sim	9333	$\omega \omega$	2222	9999	2000	m	m	m	m	m	m	711117	am	9999	2000	93333	888888	00000	33333	*****
		***		***			***		****				***	w	w	w	2000	3333	m	m			2000	m_{H}	m_{i}	m	m	HHH	m	m	m	11111	IIIII	111111		m			,,,,,,,,	mn	2200	*****
				***			***	***	***	***	***	***	***	***	***	***	3333	2000	999	11111	m	m	m	m	m	11111	IIII	m	HH	m_{H}	m	IIII	IIII	11111	HH						200	****
***								***	***	***	***	888	***	***	***	888	888	333	3333	333			933	m	333	m	HH	m	m	m	Ш	Ш	Ш	11111		333		888	****	888	330	***
																***	888		****												Ш	Ш	Ш	Ш	Ш	88					***	
									***			₩		***	888	w	888									Ш						Ш	Ш	Ш		₩	888				***	
																												Ш		Ш	Ш											
																																	Ш									
																															W											
																													W.													
													ı		ì																											
	w						***	Ň		i.	w	es.	1	ų.	ř	181		en.									a.		h													
	***				ı.		338	Ň		i.	w	63		ų.	ï		i.	m								er.	a.															
					i e			Ň		i.	w	O.	ı	·	i		i.				al.				i.	X	w		he													
	***			V.	ike		131	Ň		bi	w	01	ı	ų.	ï	181	ie.	m		w	á	ø	e i	e i	ı.	w	181	m	h													
		i e de	e de la companya del companya de la companya del companya de la co	ne declar	ne disclarat	and a language	s de l'angent s	s declaration is d			a decimana a decem	a declaration is directed to					sale claration is directed to the other	substitution is described to the attacket	section and is described to the otherwise.	ne de la caración de director de la titra alta caración po	ne de la caración de describir de apartes apartic	ne de la caración de describil de de especiad aprilical		and the second	s as the control of the state of application of			and the state of t	and the state of t	and the second	and the state of t	and the state of t	and a survey of the control of the article and appropriate on the following two		and the second	and the state of t	and a supplied to the angle of application or of following this state as	and the state of the state of the second application of the following three and house of	and a supplier to the contract of the analysis and appropriate on the following from its checked?	and the state of t	and the state of t	and the state of t

the control of the co

the control of the co

The control of the original inventor of an original and inventor of a claimed becomes to the

the control of the property of the specific transfer and the specific transfer and the control of the control of

Control of the Control of the Control of the Papers and Trademork Office all of Control of the Con

Control of the control

Witerest international Resident Machines Composition (remain referred to as the ASSARSE) of composition of New York States and a composition of Assault New York desires to acquire and the composition of ASSARSE to a composition of the god interest in action in the composition of the composition

the contraction of the production of the consideration the record and sufficiency thereof below the effective as a contest part of the contest of the contest part of the contes constructed the CS CST in the case of each open and the case of case with the case right, title, and interest in and to be invention, the above should be United States patrial application, and an and all other selections are a selected as the first order of the contract of the selection of the contract therefore in the Control Places and mail foreign common and provides one, including all the sense. profitmentaries, resources, registrationes, reservations are accommongated, sub-finally, and experience the performed all regions of priority resulting from the filting of such applications and granting of such parents. To addition, I hereby authorize and respectively record the former states Parent and Englangia Office to the early one of the extrement of the property of the extrement of the patent, granted for the Invention to the SSEC ALL in the contract of the contract and including in make worldwide right, the land interest in and in the same to the land consect to the ASSEN Conencontraction (California) in the contraction of the contraction (California) in the contracti patients may be provided, as fully and entirely as would be a former to a control to the first time. Assignment for their made and a product of a superior of the control of the contr Limited acts reasonably related to recording the Association of the Section 1997 and the Section 1997 and the Titlated (pacing and applications in the Section 2 Afficiate requested in the AAST N

Constitution for the property of the constitution of the constitut

Participa

IBM DOCKET NUMBER: TUC | P228/TUC926140128US1

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. Latso 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 bereby 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: Emmanuel Barajas Gonzale	1	
Signature:	Date	
(2) Legal Name of Inventor: Shaun E. Hurrington		
Signature:	Date	
3) Legal Name of Inventor Benjamin K. Rawlins		
	Shees.	1000

Page 2 of 2

PATENT