PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3228576

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the TYPOGRAPHICAL ERROR IN NAME OF INVENTOR FERNANDO L. KOCH. MIDDLE INITIAL LEFT OUT. previously recorded on Reel 034947 Frame 0880. Assignor(s) hereby confirms the INCORRECT - FERNANDO KOCH; CORRECT - FERNANDO L. KOCH.

CONVEYING PARTY DATA

Name	Execution Date
SERGIO BORGER	01/20/2015
CARLOS H. CARDONHA	01/20/2015
FERNANDO L. KOCH	01/20/2015

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:	14620468

CORRESPONDENCE DATA

Fax Number: (607)429-4119

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.

Email: mekost@us.ibm.com

Correspondent Name: IBM CORPORATION - ENDICOTT DRAFTING CENT

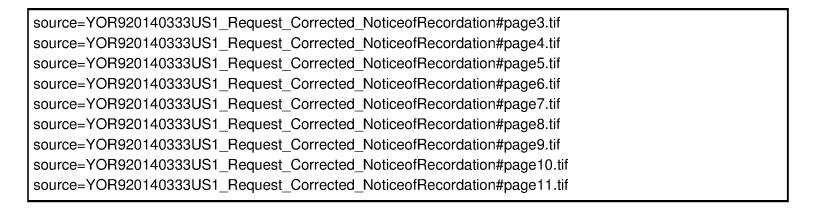
Address Line 1: 294 ROUTE 100 P.O BOX 100
Address Line 4: SOMERS, NEW YORK 10589-0100

ATTORNEY DOCKET NUMBER:	YOR920140333US1
NAME OF SUBMITTER:	FUSHENG XU
SIGNATURE:	/Fusheng Xu/
DATE SIGNED:	02/17/2015

Total Attachments: 11

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PATENT 503181961 REEL: 035003 FRAME: 0581

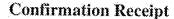




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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SERGIO BORGER	01/20/2015
CARLOS H. L'ARDONHA	01/20/2015
FERNANDO KOCH	01/30/2015

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:	14620468	

CORRESPONDENCE DATA

Face Nortofore: 6607659-4839 914-256-3567 mediost@sectionerson

Correspondence will be very as the e-mail address flere; if that is amore readed, it will be sent using a five another, if

provided: if that is unsuccessful, it will be sour our US Mail. 18M CORPORATION - ENDICOPT DRAFTING CENT

Correspondent Name: Address Une 1: 263 800000: 100

Address Line 2: 3903, 389X, 400

Address Libre 4: SOMERN, NEW YORK 10880-0000

AUTORNEY DOCKET NUMBER:	YOR920140333US1
NAME OF SUBMITTER:	FUSHENG XU
Signature:	/Fusheng Nu/
Date:	02/12/2015
	This document serves as an Outh/Declaration (37 CFR 1.63).
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Total Attachments: 4

John Attachments: 4
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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
Sergio Borger	Name:International Business Machines Corporation		
Carlos H. Cardonha Fernando L. Koch	Internal Address:		
Additional name(s) of conveying party(les) attached? Yes X No	.		
3. Nature of conveyance/Execution Date(s):	Street Address: New Orchard Road		
Execution Date(s)			
Assignment Merger			
Security Agreement Change of Name	City: Armonk		
Joint Research Agreement	State:NY		
Government Interest Assignment	Country: US Zip:10504		
Executive Order 9424, Confirmatory License	Zip.i0303		
Other Corrective Assignment	Additional name(s) & address(es) attached? Yes X No		
A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)		
Additional numbers att			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 3		
Namer _{usheng} xu			
Internal Address:256-3	7. Total fee (37 CFR 1.21(h) & 3.41) \$		
Illemai Address <u>750-3</u>	A construction to the same and the same state of		
	Authorized to be charged to deposit account Enclosed		
Street Address: 1701 North Street	☐ Enclosed X None required (government interest not affecting title)		

City: Endicort	8. Payment Information		
State New York Zip13760			
Phone Number: 607-429-4009	Deposit Account Number		
Fax Number: <u>607-429-4119</u>			
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9. Signature: Fugheng L	02/17/2015		
Signature	Date		
Fusheng Xu Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Cover Sheet information must be submitted with each document to be recorded. If the document to be recorded concerns both patents and trademarks separate patent and trademark cover sheets, including any attached pages for continuing information, must accompany the document. All pages of the cover sheet should be numbered consecutively, for example, if both a patent and trademark cover sheet is used, and information is continued on one additional page for both patents and trademarks, the pages of the cover sheet would be numbered from 1 to 4.

Item 1. Name of Conveying Party(ies).

Enter the full name of the party(ies) conveying the interest. If there is insufficient space, enter a check mark in the "Yes" box to indicate that additional information is attached. The name of the additional conveying party(ies) should be placed on an attached page clearly identified as a continuation of the information Item 1. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the party(ies) other than the owner of the patent or patent application as the conveying party(ies).

Item 2. Name and Address of Receiving Party(ies).

Enter the name and full address of the first party receiving the interest. If there is more than one party receiving the interest, enter a check mark in the "Yes" box to indicate that additional information is attached. Enter a check mark in the "No" box, if no information is contained on an attached page. If the document to be recorded is a joint research agreement, enter the name(s) of the patent or patent application owner(s) as the receiving party.

Item 3. Nature of Conveyance/Execution Date(s).

Enter the execution date(s) of the document. It is preferable to use the name of the month, or an abbreviation of that name, in order that confusion over dates is minimized. Place a check mark in the appropriate box describing the nature of the conveying document. If the "Other" box is checked, specify the nature of the conveyance.

Item 4. Application Number(s) or Patent Number(s).

Indicate the application number(s), and/or patent number(s) against which the document is to be recorded. National application numbers must include both the series code and a six-digit number (e.g., 07/123,456), and international application numbers must be complete (e.g., PCT/U591/12345).

Enter a check mark in the appropriate box: "Yes" or "No" if additional numbers appear on attached pages. Be sure to identify numbers included on attached pages as the continuation of Item 4. Also enter a check mark if this Assignment is being filed with a new application.

Item 5. Name and Address of Party to whom correspondence concerning the document should be mailed. Enter the name and full address of the party to whom correspondence is to be mailed.

Item 6. Total Applications and Patents involved.

Enter the total number of applications and patents identified for recordation. Be sure to include all applications and patents identified on the cover sheet and on additional pages.

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Enter the total fee enclosed or authorized to be charged. A fee is required for each application and patent against which the document is recorded.

Item 8. Payment Information.

Enter the deposit account number and authorized user name to authorize charges.

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Enter the name of the person submitting the document. The submitter must sign and date the cover sheet. Enter the total number of pages including the cover sheet, attachments, and document.

This collection of information is required by 35 USC 261 and 262 and 15 USC 1057 and 1050. The information is used by the public to submit land by the USFTO to process) patent and trademark assignment requests. After the USFTO records the information, the records for patent and trademarks assignments, and other associated documents can be inspected by the public. To view documents recorded under secrety orders or documents recorded due to the interest of the federal government, a written authorization must be submitted. This collection is estimated to take 40 minutes to complete, including gathering, preparing, and submitting the form to the USPTO, Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Manager of the Assignment Division, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450, DO ROT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Assignment Recordation Services. Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450.

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The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with the above request for information. This collection of information is authorized by 35 U.S.C. 1, 2, 261 and E.O. 9424. This information will primarily be used by the USPTO for the recordation of assignments related to patents and patent applications. Submission of this information is voluntary but is required in order for the USPTO to record the requested assignment. If you do not provide the information required on the cover sheet, the assignment will not be recorded, and all documents will be returned to you.

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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: INTERMEDIATED DATA ENTRY IN A SHARED MESSAGE BOARD THROUGH A MOBILE COMPUTING DEVICE

As a below named 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.
have reviewed and understand the contents of the application, including the claims.
ann aware of the duty to disclose to the United States Patent and Trademark Office all information snows to me to be material to patentability as defined in 37 CPR Section 1.56.
Whereas, the undersigned inventor(s) has/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, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to gram to IBM, the 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, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, each undersigned inventor hereby authorizes and requests 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 IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to

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recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM. its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and undercumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, 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 accessary 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.

Thereby acknowledge that any willful fulse 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: Sergio Borger	
Signature:	Page Translation for an I was
	Date <u>549/20/201</u>
(2) Legal Name of Inventor: Carlos H. Cardonha	
Signature: 1900 Horax Godali	Date:
(3) Logal Name of Inventor: Fernando L. Koch	
Signature:	Dates

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: INTERMEDIATED DATA ENTRY IN A SHARED MESSAGE BOARD THROUGH A MOBILE COMPUTING DEVICE

As a below named inventor, Thereby 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.
Huve reviewed and understand the coments of the application, including the claims.
Lam 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, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto:

identified by the IBM Docket Number provided above in the header of this document;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, reissnes, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filling of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authornes to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to

Page 1 of 2

IBM DOCKET NUMBER YOR920140333US1

recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and uncumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grams IBM, its successors, legal representatives, and assigns, the right to insert in the 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 coort 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.

Signature:	Date:
2) Legal Name of Inventor: Carlos H. Cardonha	
S(gnature)	Date:
3) Legal Name of inventor: Fernando L. Koch	

Page 2 of 2

