502948447 08/25/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2995045

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
RAFAL P. KONIK			06/10/2014	
ROGER A. MITTELSTADT			06/10/2014	
BRIAN R. MURAS			06/10/2014	
MARK W. THEUER			06/10/2014	
RECEIVING PARTY D	ΔΤΑ			
Name:		TERNATIONAL BUSINESS MACHINES CORPORATION		
Street Address:	NEW O	EW ORCHARD ROAD		
City:	ARMON	ARMONK		
State/Country:	NEW Y	NEW YORK		
Postal Code:	10504			
Property Type		Number		
Application Number:		14467347		
Application Number:				
	DATA			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i>	DATA (be sent to	14467347 (507)253-2382 the e-mail address first; if that is unsuc		
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i>	DATA (be sent to provided	(507)253-2382		
Application Number: CORRESPONDENCE I Fax Number: Correspondence will b	DATA (be sent to provided	14467347 (507)253-2382 the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent vi		
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if Phone:	DATA be sent to provided	(507)253-2382 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent vi</i> 507-253-3545	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will k using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to provided	(507)253-2382 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent vi</i> 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will k using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	(507)253-2382 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent vi</i> 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will k using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to provided	(507)253-2382 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent vi</i> 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will k using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided	(507)253-2382 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent vi</i> 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will &</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provided t t UMBER:	(507)253-2382 the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent vi 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061 ROCHESTER, MINNESOTA 55901	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will E</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	DATA be sent to provided t t UMBER:	(507)253-2382 the e-mail address first; if that is unsuce ; if that is unsuccessful, it will be sent vir 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061 ROCHESTER, MINNESOTA 55901 ROC920140075US2	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	DATA be sent to provided t t UMBER:	(507)253-2382 the e-mail address first; if that is unsuce ; if that is unsuccessful, it will be sent vi 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061 ROCHESTER, MINNESOTA 55901 ROC920140075US2 JULIE A. JACOBSON	ia US Mail.	
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will &</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N VAME OF SUBMITTER: BIGNATURE:	DATA be sent to provided t t UMBER:	(507)253-2382 the e-mail address first; if that is unsuce ; if that is unsuccessful, it will be sent vir 507-253-3545 rocdrctr@us.ibm.com BM CORP - ROCHESTER DRAFTING CE 3605 HIGHWAY 52 NORTH DEPT 917, BLDG 0061 ROCHESTER, MINNESOTA 55901 ROC920140075US2 JULIE A. JACOBSON /Julie A. Jacobson/	<i>ia US Mail.</i> ENTER	

PATENT REEL: 033600 FRAME: 0773

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: GENERATING AND ACCESSING A DATA TABLE

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):

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, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

IBM DOCKET NUMBER: ROC920140075US1

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: Rafal P. Konik

_____Date:____6/10/__/4 -19 cl Signature: 4

(2) Legal Name of Inventor: Roger A. Mittelstadt

6/10/14 Signature: Hog G. Nutlet that Date:

(3) Legal Name of Inventor: Brian R. Muras

Date: Signature

(4) Legal Name of Inventor: Mark W. Theuer

Signature:_Mark Golden Date: 6/10