## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6167812

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE FOURTH INVENTOR FROM RAYMOND HARRY PUTRA RUDY TO RUDY RAYMOND HARRY PUTRA previously recorded on Reel 022978 Frame 0884. Assignor(s) hereby confirms the ASSIGNMENT.

## **CONVEYING PARTY DATA**

Name	Execution Date
NORITAKA ADACHI	07/08/2009
SHINGO KATO	07/13/2009
SHINYA KAWANAKA	07/08/2009
RUDY RAYMOND HARRY PUTRA	06/23/2020

## **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
Patent Number:	9195744

## **CORRESPONDENCE DATA**

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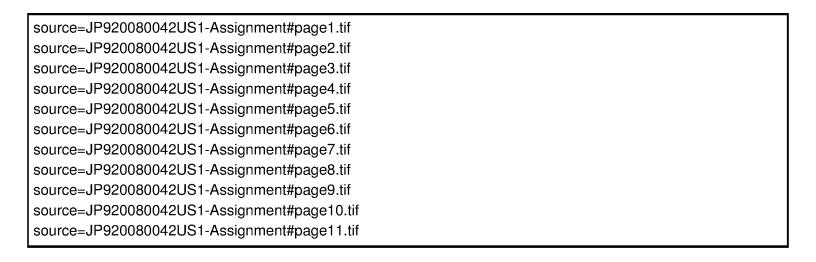
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	JP920080042US1
NAME OF SUBMITTER:	STEVEN L. NICHOLS
SIGNATURE:	/Steven L. Nichols/
DATE SIGNED:	06/23/2020

**Total Attachments: 11** 

**PATENT** REEL: 053046 FRAME: 0693

506121087



PATENT REEL: 053046 FRAME: 0694

4/005

Fax Server

TO: IBM CORPORATION C/O: RADER, FISHMAN & GR COMPANY: 10653 S. RIVER FRONT PKWY

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

07/20/2009 500914833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Noritaka Adachi	07/08/2009
Shingo Kato	07/13/2009
Shinya Kawanaka	07/08/2009
Raymond Harry Putra Rudy	07/08/2009

## **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:	12506109

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ATTORNEY DOCKET NUMBER:	JP920080042US1/40403-058
NAME OF SUBMITTER:	Steven L. Nichols

**PATENT** REEL: 053046 FRAME: 0695 USPTO 7/21/2009 11:50:35 AM PAGE 5/005 Fax Server

TO: IBM CORPORATION C/O: RADER, FISHMAN & GR COMPANY: 10653 S. RIVER FRONT PKWY

Total Attachments: 5

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PATENT

**REEL: 053046 FRAME: 0696** 

IBM DOCKET NUMBER: JP920080042US1

#### ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

#### Title of the Invention: PROTECTING INFORMATION IN SEARCH OUERIES

_	M Docket Number provided above in the header of this Assignment, for ted States Patent was executed concurrently herewith or was filed having:
Serial Number:	(insert series code and serial number here if/when available)
business at Armonk, New York Inventor desires to grant to IBM	ss Machines Corporation, a corporation of New York having a place of the (herein referred to as "IBM"), desires to acquire, and each undersigned of the entire worldwide right, title, and interest in and to the Invention and elications 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, assigns, and otherwise transfers 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 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 unencumbered 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 Serial 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.

[Inventor Signature Pages Follow]

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Assignment Form final 081908.doc

## IBM DOCKET NUMBER: JP920080042US1

Executed by Inventor 1 of 4									
•									
Signature:	noritaka	Adachi			Date: _	8	July	2009	
	Noritaka A				_				

		Executed by Inv	entor 2 of 4	
	Shings	2	-	0.44
Signature:	Shingo Kato	NOS	Date: _	J Judey 2009

Executed	hv	Inventor	3	of 4
	RJ Y	THACHERI	J	UL T

Signature:

Shinya Kawanaka

# 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: Protecting Information In Search Queries

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):

[X] United States application or PCT international application number 12/506,109 filed on July 20, 2009.

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.

Page 1 of 2

### IBM DOCKET NUMBER: JP920080042US1

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.

(4) Legal Name of Inventor: RUDY RAYMOND HARRY PUTRA

Signature: Date: Surie 23, 202	Signature: Rudy Raymond	Date: June 23, 2020
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Page 2 of 2