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SUBMISSION TYPE:	NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYAN	CE: ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ТА			
	Name	Execution Date		
ASHRITH SHETTY		10/17/2016		
ROHIT S. SHETTY		10/17/2016		
RECEIVING PARTY DAT				
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Property Type	Number
Application Number:	15399928

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ATTORNEY DOCKET NUMBER:	IN920160261US1
NAME OF SUBMITTER:	MARK J. FRIEDMAN, 57918
SIGNATURE:	/Mark J. Friedman/
DATE SIGNED:	01/06/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 040869 FRAME: 0894

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 ROUTER BASED QUERY RESULTS

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.

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Page 1 of 2

PATENT REEL: 040869 FRAME: 0895

I acknowledge my prior and ongoing obligations to sell, 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 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 recontation 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 siled 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 Nan	e of Inventor: Ashrith Shetty		
Signature	- H	Date:	17/10/2016
Or Logal Nan	w of Inventor Robit S. Shetty		

Legal Name of Inventor: Robit S. Shetty

Signature

Date:

Page 2 of 2

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Considerate of the shirt to desclose to the Control State. Parent and Trademant Office of information Strong to the to be under all in parentability as defined as 37 CPR Section 135.

Now, therefore, for good and valuable consideration, the receipt and out increasy thereon being hereby a to second there is the base sold, as go to have respond, and otherwave branched without providence to the ANNER resources on legal representatives and every an entry worldwide e give table, and outprest to and he the invention, the above identified Critical States patient application, and ary and all other parent applications and patents for the Invention which may be applied for or started pre-sho in the United States and in all foreign couplings and jurisdictions, including all diversions. entrological consistences reasonables, represents extensions, compensate substitutes, out extensions, there are and all the basis of presents as sufficing from the filling of such applications and granting of such percent. In addition, I herein, additionse and request the Director of the United States Victoria and Processing of the to have any United States Patent, and foreign patent authorities to save any foreign party granted for the Interaction to the ASSICNEL, its society or a representative, and assign, incl on a surface description of the station of the same to be held and enjoyed by the ASSIC VET and and a set of the second second and assigns to the full end of the terms for a such any and all such paterns runs be granted, as fully and entries, as would have peen held and enpoyed by me had the perspension and been made and Lagrantic escate any and all document and instruments and perform all townshort reasonably related to recording the Assignment or performing to be to ensure actual

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Dates

Robert States

RECORDED: 01/06/2017

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