

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5616659

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANUP KALIA	07/03/2019
TAREK SAKAKINI	07/03/2019
YU DENG	07/03/2019
JIN XIAO	07/08/2019
MAJA VUKOVIC	07/09/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION
<b>Street Address:</b>	NEW ORCHARD ROAD
<b>City:</b>	ARMONK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16510657
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)696-8731
<i>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.</i>	
<b>Phone:</b>	216-696-8730
<b>Email:</b>	epas@thepatentattorneys.com
<b>Correspondent Name:</b>	AMIN, TUROCY & WATSON, LLP - IBM
<b>Address Line 1:</b>	200 PARK AVENUE
<b>Address Line 2:</b>	SUITE 300
<b>Address Line 4:</b>	BEACHWOOD, OHIO 44122
<b>ATTORNEY DOCKET NUMBER:</b>	P201806228US01/IBMP579US
<b>NAME OF SUBMITTER:</b>	DEIDRA D. RITCHERSON
<b>SIGNATURE:</b>	/Deidra D. Ritcherson/
<b>DATE SIGNED:</b>	07/12/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 11**

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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: EXTRACTION OF NAMED ENTITIES FROM DOCUMENT DATA TO SUPPORT  
AUTOMATION APPLICATIONS

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 \_\_\_\_\_ filed 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  
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  
therefore 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  
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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



(5) Legal Name of Inventor: **Maja Vukovic**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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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: **Anup Kalia**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **Tarek Sakakini**

Signature:  \_\_\_\_\_ Date: 07/03/2019

(3) Legal Name of Inventor: **Yu Deng**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: **Jin Xiao**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(5) Legal Name of Inventor: Maja Vukovic

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



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(5) Legal Name of Inventor: Maja Vukovic

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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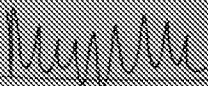
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(4) Legal Name of Inventor: Jin Xiao

Signature:  \_\_\_\_\_ Date: July 8, 2019

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(5) Legal Name of Inventor: Maja Vukovic

Signature:  Date: 7/9/19