

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4486321

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the SPELLING OF THE NAME OF THE ASSIGNEE previously recorded on Reel 028724 Frame 0845. Assignor(s) hereby confirms the CORRECT SPELLING OF ASSIGNEE IS AS FOLLOWS:INTERNATIONAL BUSINESS MACHINES COPORATION.	
<b>RESUBMIT DOCUMENT ID:</b>	504413243	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SASHA P CASKEY	07/27/2012
	DIMITRI KANEVSKY	07/27/2012
	JAMES R KOZLOSKI	07/27/2012
	TARA N SAINATH	07/27/2012
<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>	13544941
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(888)232-9785	
<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>	5403611863	
<b>Email:</b>	Tina@ppBlaw.com	
<b>Correspondent Name:</b>	PATENT PORTFOLIO BUILDERS, PLLC	
<b>Address Line 1:</b>	P.O. BOX 7999	
<b>Address Line 4:</b>	FREDERICKSBURG, VIRGINIA 22404-7999	
<b>ATTORNEY DOCKET NUMBER:</b>	0464-029/YOR920120290US1	
<b>NAME OF SUBMITTER:</b>	TINA JENKINS	
<b>SIGNATURE:</b>	/Tina Jenkins/	
<b>DATE SIGNED:</b>	06/30/2017	

**Total Attachments: 8**

source=YOR920120290US1\_MarkedUpNOR\_6-14-17\_0464-029#page1.tif

source=YOR920120290US1\_EPASConfirmationReceipt-08-04-12\_0464-029#page1.tif

source=YOR920120290US1\_EPASConfirmationReceipt-08-04-12\_0464-029#page2.tif

source=YOR920120290US1\_IBM\_Assignment\_Form\_executed#page1.tif

source=YOR920120290US1\_IBM\_Assignment\_Form\_executed#page2.tif

source=YOR920120290US1\_IBM\_Assignment\_Form\_executed#page3.tif

source=YOR920120290US1\_IBM\_Assignment\_Form\_executed#page4.tif

source=YOR920120290US1\_IBM\_Assignment\_Form\_executed#page5.tif

**PATENT ASSIGNMENT**

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sasha P Caskey</td><td>07/27/2012</td></tr><tr><td>Dimitri Kanevsky</td><td>07/27/2012</td></tr><tr><td>James R Kozloski</td><td>07/27/2012</td></tr><tr><td>Tara N Sainath</td><td>07/27/2012</td></tr></tbody></table>	Name	Execution Date	Sasha P Caskey	07/27/2012	Dimitri Kanevsky	07/27/2012	James R Kozloski	07/27/2012	Tara N Sainath	07/27/2012	
Name	Execution Date										
Sasha P Caskey	07/27/2012										
Dimitri Kanevsky	07/27/2012										
James R Kozloski	07/27/2012										
Tara N Sainath	07/27/2012										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Internatioal 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: 2</b>											
<table><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13544941</td></tr><tr><td>Application Number:</td><td>13560319</td></tr></tbody></table>	Property Type	Number	Application Number:	13544941	Application Number:	13560319					
Property Type	Number										
Application Number:	13544941										
Application Number:	13560319										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	4108328802										
<b>Phone:</b>	4108328801										
<b>Email:</b>	tripp@augustlaw.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
<b>Correspondent Name:</b>	George Willingham										
<b>Address Line 1:</b>	P.O. Box 19080										
<b>Address Line 4:</b>	Baltimore, MARYLAND 21284										
<b>ATTORNEY DOCKET NUMBER:</b>	YOR920120290US1										
<b>NAME OF SUBMITTER:</b>	George Willingham										
<b>Signature:</b>	/GAW/										

**PATENT****REEL: 042872 FRAME: 0306**

<b>Date:</b>	08/04/2012
<b>Total Attachments: 5</b> source=YOR920120290US1_IBM_Assignment_Form_executed#page1.tif source=YOR920120290US1_IBM_Assignment_Form_executed#page2.tif source=YOR920120290US1_IBM_Assignment_Form_executed#page3.tif source=YOR920120290US1_IBM_Assignment_Form_executed#page4.tif source=YOR920120290US1_IBM_Assignment_Form_executed#page5.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT2051346 <b>Receipt Date:</b> 08/04/2012 <b>Fee Amount:</b> \$80	

**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:

**TEXT AUTO-CORRECTION WITH N-GRAMS**

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 13/544,941 filed July 9, 2012

Serial Number: 13/560,319 filed July 27, 2012

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;

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]

Page 1 of 5

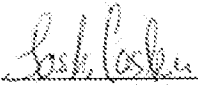
---

Executed by Inventor 3 of 4

Signature:  Date: 7/27/2012  
James R. Kozloski

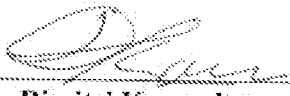
---

Executed by Inventor 1 of 4

Signature:  Date: 7/27/202  
Sasha P. Caskey

---

Executed by Inventor 2 of 4

Signature:  Date: 7/27/2012  
Dimitri Kanevsky



---

Executed by Inventor 4 of 4

Signature: T. Sainath Date: 7/27/2012  
Tara N. Sainath