

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3300539

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CORRECTIVE ASSIGNMENT TO ADD THE ASSIGNOR: YI, ANG DOC DATE: 03/25/2015 previously recorded on Reel 035334 Frame 0069. Assignor(s) hereby confirms the ASSIGNOR: BAI, SONG ASSIGNOR: CHI, MING QUN ASSIGNOR: HUANG, HUI ASSIGNOR: LIU, HUI ASSIGNOR: SHI, XIANG XING.

**CONVEYING PARTY DATA**

Name	Execution Date
SONG BAI	03/26/2015
MING QUN CHI	03/26/2015
HUI HUANG	03/26/2015
HUI LIU	03/26/2015
XIANG XING SHI	03/26/2015
ANG YI	03/25/2015

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14671468

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Email:** rocdctr@us.ibm.com

**Correspondent Name:** IBM CORP-ROCHESTER DRAFTING CENTER

**Address Line 1:** 555 BAILEY AVENUE

**Address Line 2:** IP LAW, J46/G4

**Address Line 4:** SAN JOSE, NEW YORK 95141

<b>ATTORNEY DOCKET NUMBER:</b>	CN920140202US1
<b>NAME OF SUBMITTER:</b>	CINDY L. TANGEN
<b>SIGNATURE:</b>	/Cindy L. Tangen/

<b>DATE SIGNED:</b>	04/07/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 6</b> source=CN920140202US1_SignedAssignmentDec#page1.tif source=CN920140202US1_SignedAssignmentDec#page2.tif source=CN920140202US1_SignedAssignmentDec#page3.tif source=cover#page1.tif source=cover#page2.tif source=cover#page3.tif	

**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: ANALYZING EMAIL THREADS

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 CFR Section 1.56.

Whereas, I ("ASSIGNOR") have made certain inventions, improvements, and discoveries therein related 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 hereafter in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, renewals, reexaminations, renewals, extensions, counterparts, substitutes, and continuations 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 term for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had the 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.

TM DCKET NUMBER: CN93014020181

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 heroby 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 identifier (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: Song Bai

Signature: [Signature] Song Bai Date: 2015.3.26

(2) Legal Name of Inventor: Ming Qun Chi

Signature: [Signature] Ming Qun Chi Date: 2015.3.26

(3) Legal Name of Inventor: Hui Huang

Signature: [Signature] Hui Huang Date: 2015.3.26

(4) Legal Name of Inventor: Hui Liu

Signature: [Signature] Hui Liu Date: 2015.3.26

(5) Legal Name of Inventor: Xiang Xing Shi

Signature: [Signature] Xiang Xing Shi Date: 2015.3.26

IBM CHECK NUMBER: CNY024000000

Legal Name of Invention: Ang Yi

Signature: Ang Yi

Date: 03/25/2005

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3286712

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SONG BAI	03/26/2015
MING QUN CHI	03/26/2015
HUI HUANG	03/26/2015
HUI LIU	03/26/2015
XIANG XING SHI	03/26/2015
<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>
Application Number:	14671468
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	408-463-5675
<b>Email:</b>	rocdrcr@us.ibm.com
<b>Correspondent Name:</b>	IBM CORP-ROCHESTER DRAFTING CENTER
<b>Address Line 1:</b>	555 BAILEY AVENUE, IPLAW, J46/G4
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95141
<b>ATTORNEY DOCKET NUMBER:</b>	CN920140202US1
<b>NAME OF SUBMITTER:</b>	CINDY L. TANGEN
<b>SIGNATURE:</b>	/Cindy L. Tangen/
<b>DATE SIGNED:</b>	03/27/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments:</b>	3