

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JEANETTE L. BLOMBERG</td> <td>10/04/2013</td> </tr> <tr> <td>NEIL H.A. BOYETTE</td> <td>10/04/2013</td> </tr> <tr> <td>ANCA A. CHANDRA</td> <td>10/04/2013</td> </tr> <tr> <td>SE CHAN OH</td> <td>10/04/2013</td> </tr> <tr> <td>HOVEY R. STRONG, JR.</td> <td>10/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	JEANETTE L. BLOMBERG	10/04/2013	NEIL H.A. BOYETTE	10/04/2013	ANCA A. CHANDRA	10/04/2013	SE CHAN OH	10/04/2013	HOVEY R. STRONG, JR.	10/04/2013
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<table border="1"> <tr> <td>Name:</td> <td>INTERNATIONAL BUSINESS MACHINES CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>NEW ORCHARD ROAD</td> </tr> <tr> <td>City:</td> <td>ARMONK</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	INTERNATIONAL BUSINESS MACHINES CORPORATION	Street Address:	NEW ORCHARD ROAD	City:	ARMONK	State/Country:	NEW YORK	Postal Code:	10504		
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CORRESPONDENCE DATA													
<p>Fax Number: (424)229-6815  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 424-229-6800</p> <p>Email: patent@sziplaw.com</p> <p>Correspondent Name: SHERMAN &amp; ZARRABIAN LLP (IBM2/IBM2-S)</p> <p>Address Line 1: 1411 5TH STREET, SUITE 306</p> <p>Address Line 4: SANTA MONICA, CALIFORNIA 90401</p>													
ATTORNEY DOCKET NUMBER:	ARC920130039US1												
NAME OF SUBMITTER:	MICHAEL ZARRABIAN, REG. NO. 39,886												
Signature:	/Michael Zarrabian/												

CH \$40.00 14046843

Date:	10/04/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 15</b></p> <p>source=ARC920130039US1_Declaration-Assignment#page1.tif source=ARC920130039US1_Declaration-Assignment#page2.tif source=ARC920130039US1_Declaration-Assignment#page3.tif source=ARC920130039US1_Declaration-Assignment#page4.tif source=ARC920130039US1_Declaration-Assignment#page5.tif source=ARC920130039US1_Declaration-Assignment#page6.tif source=ARC920130039US1_Declaration-Assignment#page7.tif source=ARC920130039US1_Declaration-Assignment#page8.tif source=ARC920130039US1_Declaration-Assignment#page9.tif source=ARC920130039US1_Declaration-Assignment#page10.tif source=ARC920130039US1_Declaration-Assignment#page11.tif source=ARC920130039US1_Declaration-Assignment#page12.tif source=ARC920130039US1_Declaration-Assignment#page13.tif source=ARC920130039US1_Declaration-Assignment#page14.tif source=ARC920130039US1_Declaration-Assignment#page15.tif</p>	

**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: **GENERATING A SUCCINCT APPROXIMATE REPRESENTATION OF A  
TIME SERIES**

As a below named inventor, I hereby declare that:

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Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred 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.

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(1) Legal Name of Inventor: **Jeanette L. Blomberg**

Signature:  Date: 10-04-2013

(2) Legal Name of Inventor: **Neil H.A. Boyette**

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

(3) Legal Name of Inventor: **Anca A. Chandra**

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

(4) Legal Name of Inventor: **Se Chan Oh**

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

IBM DOCKET NUMBER: **ARC920130039US1**

(5) Legal Name of Inventor: **Hovey R. Strong, Jr.**

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Signature: Boyette \_\_\_\_\_ Date: Oct 4, 2013

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Signature: *A Chandra* Date: 10/04/2013

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