

## PATENT ASSIGNMENT COVER SHEET

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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>RAJESWARA R. KOTTU</td> <td>12/17/2013</td> </tr> <tr> <td>JOSHUA D. ANDERSON</td> <td>12/17/2013</td> </tr> <tr> <td>HAROLD R. LEE</td> <td>12/17/2013</td> </tr> <tr> <td>ARA YAPEJIAN</td> <td>12/17/2013</td> </tr> <tr> <td>DAVID H. CARMER</td> <td>12/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	RAJESWARA R. KOTTU	12/17/2013	JOSHUA D. ANDERSON	12/17/2013	HAROLD R. LEE	12/17/2013	ARA YAPEJIAN	12/17/2013	DAVID H. CARMER	12/17/2013
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DAVID H. CARMER	12/17/2013												
RECEIVING PARTY DATA													
Name:	TERADATA CORPORATION												
Street Address:	10000 INNOVATION DRIVE												
City:	DAYTON												
State/Country:	OHIO												
Postal Code:	45342												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14135515</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14135515								
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Application Number:	14135515												
CORRESPONDENCE DATA													
Fax Number:	(937)847-8425												
Phone:	9372424727												
Email:	michelle.boldman@teradata.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	JAMES STOVER												
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Address Line 4:	DAYTON, OHIO 45342												
ATTORNEY DOCKET NUMBER:	20974												
NAME OF SUBMITTER:	MICHELLE BOLDMAN												

Signature:	/Michelle Boldman/
Date:	01/06/2014
Total Attachments: 2 source=20974_00_01062014_Assignment#page1.tif source=20974_00_01062014_Assignment#page2.tif	

**ASSIGNMENT OF UNITED STATES PATENT APPLICATION**

WHEREAS, Rajeswara R. Kottu, of Cary, NC, Joshua D. Anderson, of Fuquay-Varina, NC, Harold R. Lee, of Holly Springs, NC, Ara Yapejian, of Raleigh, NC, and David H. Carner, of Cary, NC, hereinafter called the "Assignors," have invented certain new and useful improvements in U.S. Patent Application entitled

**SENTIMENT EXPRESSION ANALYSIS BASED ON KEYWORD HIERARCHY**


, Docket No. 20974, for which Assignors have executed an application for Letters Patent of the United States on same date herewith; and

WHEREAS, Teradata US, Inc, a corporation of the State of Delaware, having its principal place of business in Dayton, Ohio, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and any and all foreign countries;

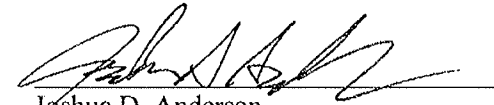
NOW, THEREFORE, be it known that in consideration of the sum of One Dollar (\$1.00) and of other valuable considerations, the receipt of which is hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Teradata US, Inc, its successors and assigns, the entire right, title and interest in and to the invention and improvements in any form or embodiment thereof, disclosed and claimed in said application, or which are disclosed and may be claimed; also the entire right, title and interest in and to any Letters Patent to be granted in the United States and its territorial possessions and in any and all foreign countries upon said invention in any form or upon any such improvements thereon, and in and to any and all divisions, reissues, continuations and extensions thereof; and Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent on said application to the said Teradata US, Inc, of Delaware, its successors and assigns.

Further, Assignors agree that Assignors will communicate to said Teradata US, Inc, or its representatives, any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Teradata US, Inc, make all rightful oaths and generally to do everything possible to aid said Teradata US, Inc, its successors and assigns, to obtain and enforce protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of December, 2013.

  
\_\_\_\_\_  
Rajeswara R. Kottu

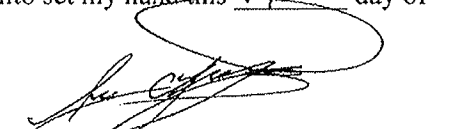
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of December, 2013.

  
Joshua D. Anderson

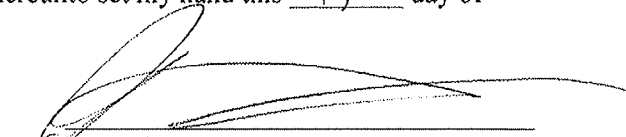
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of December, 2013.

  
Harold R. Lee

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of December, 2013.

  
Ara Yapejian

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of December, 2013.

  
David H. Carmer