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U.S. Department of Commerce Patent and Trademark Office PATENT

TO: The Commissioner for Patents: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type New **☒** Assignment □ Security Agreement □ Resubmission(Non-Recordation) ☐ License ☐ Change of Name **Document ID#** ■ Merger Other: Correction of PTO Error Reel# Frame # **U.S. Government** (For use by U.S. Government Agencies) ☐ Corrective Document Reel # Frame # ☐ Departmental File ☐ Secret File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Name (line 1) Vo, Kiem-Phong **MMDDYYYY** 12/17/2009 Name (line 2) Second Party **Execution Date** Name (line 1) MMDDYYYY 12655014 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be Name (line 1) AT&T INTELLECTUAL PROPERTY I, L.P. recorded is an assignment and the Name (line 2) receiving party is not domiciled in the United Address (line 1) 645 E. Plumb Lane States, an appointmen of a domestic Address (line 2) Reno, Nevada 89502 representative is attached. (Designation Address (line 3) United States of America must be a separate City, State/Country Zip Code document from Assignment.) **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name (line 1) Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY

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12/24/2009 CCHAU1 00000022 12655014

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## **ASSIGNMENT**

WHEREAS, Kiem-Phong Vo, a citizen of the United States of America, residing at 80 Swenson Cir., Berkley Heights NJ 07922, hereinafter called the "Assignor," has made the invention described in the United States patent application entitled "Compressing Massive Relational Data", Attorney Docket No.: 2009-0354, for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee," desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignor authorizes attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignor authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

Attorney Docket Number: 2009-0354

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.				
Name of Inventor:  Signature of Inventor:				
Date: 12/17/2009				
United States of America	)			
State of New Jersey	)			
County of UKION	)			
On this day of December Phong Vo, to me known to be the individual dinstrument, and acknowledged execution of the contract of th	rescribed in and who executed the foregoing			
	Ingua Felannia Notary Public			
AT&T Corp. One AT&T Way, Rm. 2A-207 Bedminster, New Jersey 07921	ingrid Filannino ID # 2226569			

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