

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4043295

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANIRUDDHA UDIPI	01/27/2011
NILADRISH CHATTERJEE	01/27/2011
RAJEEV BALASUBRAMONIAN	01/27/2011
ALAN LYNN DAVIS	01/27/2011
RECEIVING PARTY DATA	
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Street Address:	615 ARAPEEN DRIVE
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State/Country:	UTAH
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15089730
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SIGNATURE:	/Kathy L. Hungsberg/
DATE SIGNED:	09/08/2016
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, We, **Aniruddha Udipi** residing at University of Utah, School of Computing, 50 South Central Campus Drive, Salt Lake City, Utah, 84112; **Niladrish Chatterjee** residing at 50 South Central Campus Drive, Salt Lake City, Utah, 84112; **Rajeev Balasubramonian** residing at 50 South Central Campus Drive, Salt Lake City, Utah, 84112; and **Alan Lynn Davis** residing at 50 South Central Campus Drive, Salt Lake City, Utah, 84112, hereinafter "Assignors", have invented new and useful improvements in MEMORY ACCESS METHODS AND APPARATUS for which Patent Cooperation Treaty Application Serial No. PCT/US2011/022763 was filed on January 27, 2011 and;

WHEREAS, **UNIVERSITY OF UTAH**, whose post-office address is 615 Arapen Drive, Suite 310, Salt Lake City, Utah 84108, hereinafter "Assignee", is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, Assignors hereby do sell, assign and transfer unto Assignee the entire right, title and interest in and to said inventions and applications in the United States and throughout the world, including without limitation, any letters patent which may issue thereon or therefor, and any subsequent patent(s) or application(s) claiming priority to the above-identified applications, including any non-provisional U.S. patent application(s) claiming priority under 35 U.S.C. § 119(e), any foreign or international

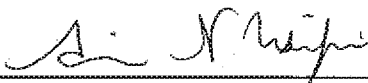
counterpart application(s) for patent or utility model, any reissue, reexamination, division, continuation-in-part, extension or continuation application(s), all rights of priority under any international treaty or convention arising from said applications, and the right to sue and collect damages for any past, present, or future infringement; the same for Assignee's legal representatives and assigns, as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths, declaration and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid Assignee, its legal representatives and assigns to obtain and enforce proper protection for said invention in all countries throughout the world.

Assignors each acknowledge that the attorneys and agents of the law firm of Hanley, Flight & Zimmerman, LLC do not personally represent Assignors or Assignors' legal interests, but instead represent the interests of Assignee, and cannot provide legal advice to Assignors with respect to this Assignment. Assignors each further acknowledge his/her right to obtain independent legal counsel.

(signatures on next page)

IN WITNESS WHEREOF, I have executed this assignment this 27th day of January, 2011.

Signed: 
Print Name: **Aniruddha Udipi**

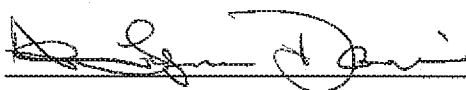
IN WITNESS WHEREOF, I have executed this assignment this 27th day of January, 2011.

Signed: 
Print Name: **Niladrish Chatterjee**

IN WITNESS WHEREOF, I have executed this assignment this 27th day of January, 2011.

Signed: 
Print Name: **Rajeev Balasubramonian**

IN WITNESS WHEREOF, I have executed this assignment this 27th day of January, 2011.

Signed: 
Print Name: **Alan Lynn Davis**