PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2813962

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| KE BAI | 04/08/2014 |
| AVIRAL SHRIVASTAVA | 04/11/2014 |
| JING LU | 04/10/2014 |

RECEIVING PARTY DATA

| Name: | ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY |
|-------------------|----------------------------------------------------------------|
| Street Address: | 1475 N. SCOTTSDALE ROAD |
| Internal Address: | SKYSONG - SUITE 200 |
| City: | SCOTTSDALE |
| State/Country: | ARIZONA |
| Postal Code: | 85257 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14200477 |

CORRESPONDENCE DATA

Fax Number: (512)536-4598

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 5124745201

Email: laura.butler@nortonrosefulbright.com
Correspondent Name: FULBRIGHT & JAWORSKI, LLP

Address Line 1: 98 SAN JACINTO BLVD.

Address Line 2: SUITE 1100

Address Line 4: AUSTIN, TEXAS 78701

| ATTORNEY DOCKET NUMBER: | AZTE.P0102US/11400490 | |
|-------------------------|-----------------------|--|
| NAME OF SUBMITTER: | MARK B. WILSON | |
| SIGNATURE: | /Mark B. Wilson/ | |
| DATE SIGNED: | 04/15/2014 | |

Total Attachments: 2

source=AZTEP0102US_ASSIGNMENT#page1.tif

PATENT REEL: 032672 FRAME: 0532

502767367

 $source = AZTEP0102US_ASSIGNMENT\#page 2.tif$

PATENT REEL: 032672 FRAME: 0533

ASSIGNMENT

WHEREAS, the undersigned (individually "ASSIGNOR" and collectively "ASSIGNORS"), are named inventors of the patent(s)/application(s) identified on Schedule A (collectively, "Patents"),

AND WHEREAS Arizona Board of Regents on behalf of Arizona State University, having a place of business at 1475 N. Scottsdale Road, Skysong – Suite 200, Scottsdale, AZ 85257 ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patents;

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest in the Patents throughout the world, including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patents, including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

WARRANTS AND COVENANTS that ASSIGNOR has the authority to enter this ASSIGNMENT agreement, and that ASSIGNOR has done nothing and will not do anything to impair the rights conveyed to ASSIGNEE by this Agreement;

COVENANTS that, when requested and at the expense of the ASSIGNEE, ASSIGNOR will carry out in good faith the intent and purpose of this Agreement, including but not limited to executing any and all documents in connection with the Patents and any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents, and/or patent applications claiming priority to, or based on any information disclosed in any of the Patents, including all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the ASSIGNEE all facts known to the ASSIGNOR relating to all information disclosed in the Patents and the history thereof; and generally do everything possible that the ASSIGNEE shall consider desirable for vesting title to the Patents and such patents and/or patent applications in the ASSIGNEE, and for securing, maintaining, and enforcing patent protection for the Patents and such patents and/or patent applications;

WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

40569194.1

1 of 2

Schedule A

| Title | Country | Number | Filing Date |
|------------------------------------------------------------------------|---------|------------|----------------|
| STACK DATA MANAGEMENT FOR SOFTWARE MANAGED MULTI-CORE PROCESSORS | US | 14/200,477 | March 7, 2014 |
| STACK DATA MANAGEMENT FOR SOFTWARE MANAGED MULTI-CORE PROCESSORS | US | 61/781,642 | March 14, 2013 |

40569194.1

^{2 of 2} PATENT REEL: 032672 FRAME: 0535

RECORDED: 04/15/2014