502216482 02/01/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Siew Yong Sim-Tang | 07/21/2009 |

RECEIVING PARTY DATA

| Name: | BakBone Software, Inc. | | |
|-----------------|------------------------|--|--|
| Street Address: | 9540 Towne Centre Dr. | | |
| City: | San Diego | | |
| State/Country: | CALIFORNIA | | |
| Postal Code: | 92121 | | |

PROPERTY NUMBERS Total: 1

| Property Type Number | |
|----------------------|----------|
| Application Number: | 13752020 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 43738-P186C1

NAME OF SUBMITTER: David A. Lovell

Total Attachments: 3

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> PATENT REEL: 029739 FRAME: 0109

CH \$40,00 13752

PATENT ASSIGNMENT

WHEREAS, I,

Siew Yong Sim-Tang of Saratoga, California, U.S.A., have invented certain new and useful improvements in invention designated in the attached *Schedule A*; and

WHEREAS, BakBone Software, Inc., a California corporation, having its principal place of business at 9540 Towne Centre Dr., San Diego, California 92121 (hereinafter referred to as "BakBone"), is desirous of acquiring the entire interest in, to and under the invention and the United States Letters Patent to be obtained for the inventions designated in *Schedule A*.

NOW, THEREFORE:

Be it known that in consideration of the payment by BakBone to me of good and valuable consideration, the receipt of which is hereby acknowledged, I, the above named, hereby sell, assign and transfer to BakBone my full and exclusive right, title and interest to said inventions and all Letters Patent of the United States to be obtained therefor on said patents or any patent applications, continuations, divisions, renewals, reexaminations, substitutes or reissues thereof for the full term or terms for which the same may be granted.

I further assign to BakBone all of my right, title and interest in and to the invention in all foreign countries, and all applications for Letters Patent that may evolve therefrom, including the right to claim International Convention priority.

This assignment is effective for each patent or patent application listed in *Schedule A*, nunc pro tunc, as of the applicable filing date set forth in *Schedule A*.

| Inventor's Name: Siew Yong Sim-Tang | _ |
|---|---|
| Residence (City, State): Saratoga, California | |
| Signature: Why | |
| Date: 7/21/2009 | |

SCHEDULE A

| | | Inventor | Title | Ctry |
|------------------------|--------------|----------------------------|---|----------|
| | May 10, 2004 | Siew Yong Sim-Tang | METHOD AND SYSTEM FOR REAL-TIME EVENT | US |
| | | | JOURNALING TO PROVIDE ENTERPRISE DATA SERVICES | |
| 10/862,971 Jun 8, 2004 | Jun 8, 2004 | Siew Yong Sim-Tang | METHOD AND SYSTEM FOR | US |
| | | | NO DOWNTIME RESYNCHRONIZATION FOR | |
| | | | REAL-TIME CONTINUOUS | 1 |
| 10/042 541 | 9 17 2004 | | DATA PROTECTION | _[|
| 10/943,541 | Sep 17, 2004 | Siew Yong Sim-Tang | METHOD AND SYSTEM FOR DATA REDUCTION | US |
| 11/123,994 | May 6, 2005 | Siew Yong Sim-Tang, et al. | SYSTEM FOR MOVING REAL- | US |
| | | , , , , , | TIME DATA EVENTS ACROSS | 03 |
| | | | A PLURALITY OF DEVICES IN | |
| | , | | A NETWORK FOR | |
| | | | SIMULTANEOUS DATA PROTECTION, REPLICATION, | |
| -, | | | AND ACCESS SERVICES | |
| 11/185,168 | Jul 20, 2005 | Siew Yong Sim-Tang | METHOD OF CREATING | US |
| • | | | HIERARCHICAL INDICES FOR | |
| | | | A DISTRIBUTED OBJECT SYSTEM | |
| 11/185,313 | Jul 20, 2005 | Siew Yong Sim-Tang | METHOD AND SYSTEM FOR | US |
| | , | l some sung | VIRTUAL-ON-DEMAND | 05 |
| | | · | RECOVERY FOR REAL-TIME | |
| 1 | | | CONTINUOUS DATA | |
| 11/198,061 | Aug 5, 2005 | Siew Yong Sim-Tang, et al. | PROTECTION | |
| 117170,001 | Aug 3, 2003 | Siew Fong Sim-Tang, et al. | METHOD FOR ERASURE CODING ACROSS A | US |
| | | | PLURALITY OF DATA STORES | 1 |
| | | · | IN A NETWORK | |
| 11/198,062 | Aug 5, 2005 | Siew Yong Sim-Tang, et al. | METHOD FOR LOCK-FREE | US |
| | | 1 | CLUSTERED ERASURE | |
| | | | CODING AND RECOVERY OF DATA ACROSS A PLURALITY | |
| | | | OF DATA STORES IN A | |
| | | | NETWORK | |
| 11/264,110 | Nov 1, 2005 | Siew Yong Sim-Tang, et al. | MANAGEMENT INTERFACE | US |
| | | | FOR A SYSTEM THAT | |
| | | | PROVIDES AUTOMATED, REAL-TIME, CONTINUOUS | |
| | | 1 | DATA PROTECTION | |
| 11/638,253 | Dec 13, 2006 | Siew Yong Sim-Tang | METHOD FOR MANAGING | US |
| | | | REAL-TIME DATA HISTORY | |
| 12/059,505 | Mar 31, 2008 | Siew Yong Sim-Tang | OF A FILE SYSTEM | |
| | Mai 51, 2000 | Siew Tong Silit-Tang | RECOVERING A FILE SYSTEM TO ANY POINT-IN-TIME IN | US |
| | | | THE PAST WITH | |
| | | 1 | GUARANTEED STRUCTURE. | |
| | } | | CONTENT CONSISTENCY AND | |
| 12/099,837 | Apr 9, 2008 | Siew Yong Sim-Tang | INTEGRITY | <u> </u> |
| 1 mi 0 / / 500 f | Αρι 7, 2000 | Siew i ong Sim-Tang | METHOD FOR RECOVERING A | US |
| | 1 | | DATABASE TO ANY POINT-IN- POINT IN THE PAST WITH | |
| | | | GUARANTEED DATA | |
| | | 1 | CONSISTENCY | |

| 12/488,657 | Jun 22, 2009 | Siew Yong Sim-Tang | METHOD AND SYSTEM FOR | US |
|------------|---|-------------------------------|---|--------------|
| | , | John Tong om Tung | REAL-TIME EVENT | US |
| | | į | JOURNALING TO PROVIDE | |
| | | i | ENTERPRISE DATA SERVICES | |
| 60/569,164 | May 7, 2004 | Siew Yong Sim-Tang, et al. | SYSTEM FOR MOVING REAL- | +110 |
| | | Siew Tong ome Tang, et al. | TIME DATA EVENTS ACROSS | US |
| · | 1 | | A PLURALITY OF DEVICES IN | |
| | İ | | A NETWORK FOR | |
| | į | · | SIMULTANEOUS DATA | |
| • | ļ. | 1 | PROTECTION, REPLICATION, | į |
| | | <u> </u> | AND ACCESS SERVICES | ŀ |
| 60/599,962 | Aug 9, 2004 | Siew Yong Sim-Tang, et al. | AND ACCESS SERVICES | |
| 00/3///02 | /1ug /, 2004 | Siew Folig Silli-Tang, et al. | METHOD FOR ERASURE | US |
| • | | | CODING ACROSS A | |
| | | į | PLURALITY OF DATA STORES | ì |
| 60/599,963 | Aug 9, 2004 | Siew Yong Sim-Tang, et al. | IN A NETWORK | |
| 00/377,703 | Aug 9, 2004 | Siew Fong Sim-Fang, et al. | METHOD FOR LOCK-FREE | US |
| | | | CLUSTERED ERASURE | 1 |
| | 1 | | CODING AND RECOVERY OF | |
| , | | | DATA ACROSS A PLURALITY OF DATA STORES IN A | |
| | | 1 . | NETWORK | |
| 60/624,358 | Nov 2, 2004 | Siew Yong Sim-Tang, et al. | DATA MANAGEMENT SYSTEM | + |
| | 1.00. 2, 2007 | sion rong sim-rang, et al. | USER INTERFACE (UI) WITH | US |
| | | | HISTORICAL AND REAL-TIME | |
| | | | VIEWING MODES | |
| 60/893,385 | Mar 7, 2007 | Siew Yong Sim-Tang | METHOD FOR MANAGING A | + |
| 1 | | Blow Tong offit-Talig | REAL TIME HISTORY OF A | US |
| | | | DATABASE | |
| 60/909,098 | Mar 30, 2007 | Siew Yong Sim-Tang | METHOD FOR RECOVERING A | 110 |
| , | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Sion rong onn-rung | FILE SYSTEM TO ANY POINT- | US |
| | | | IN-TIME IN THE PAST WITH | |
| • | | | GUARANTEED STRUCTURE, | |
| | | | CONTENT CONSISTENCY AND | |
| | | | INTEGRITY | |
| 60/910,718 | Apr 9, 2007 | Siew Yong Sim-Tang | METHOD FOR RECOVERING A | 1.0 |
| 1 | 7,2007 | olon Tong Sini-Tang | DATABASE TO ANY BODE DA | US |
| | 1 | | DATABASE TO ANY POINT-IN- POINT IN THE PAST WITH | |
| | | | GUARANTEED DATA | |
| | | | | |
| | <u> </u> | | CONSISTENCY | 1 |

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PATENT REEL: 029739 FRAME: 0112