

08-03-2006



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

FINANCE SECTION

8-1-04

**1. Name of conveying party(ies)**  
 David Alan Burton

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: Pillar Data Systems, Inc.  
 Internal Address: \_\_\_\_\_  
 Street Address: 2840 Junction Avenue  
 City: San Jose  
 State: CA  
 Country: US Zip: 95134

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) July 14, 2006

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
11/408,209

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Robert Moll  
 Internal Address: \_\_\_\_\_  
 Street Address: 1173 Saint Charles Court  
 City: Los Altos  
 State: CA Zip: 94024  
 Phone Number: 650-567-9153  
 Fax Number: 650-567-9183  
 Email Address: rgmoll@patentplanet.com

**6. Total number of applications and patents involved:** One

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
 Authorized User Name \_\_\_\_\_

**9. Signature:** Robert Moll July 29, 2006  
 Signature Date

08/02/2006 BYRNE 00000089 11408209 Robert Moll Total number of pages including cover sheet, attachments, and documents: **Three**

01 FC:8021 40 Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

# ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION,

I/We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer and set over unto

Pillar Data Systems, Inc. having a place of business as of the date of this assignment at 2840 Junction Avenue, San Jose, CA 95134 and its successors, assigns and legal representatives, the full and exclusive right, title and interest, for all countries in and to certain inventions relating to

Methods and Systems of Cache Memory Management and Snapshot Operations described in an application for United States Patent (the Patent), filed on April 19, 2006 as U.S. Application No. 11/408,209, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for the application for the Patent, and all the rights and privileges under any and all Patents that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of the Patent. We request that any and all Patent for the inventions be issued to the Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I/We agree that, when requested, we will, without charge to the Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

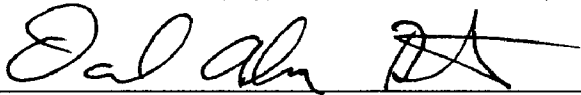
I/We authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for the inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

I/We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document, which may be required in any country for any purpose and more particularly in proof of the right of the Assignee or nominee to claim the benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

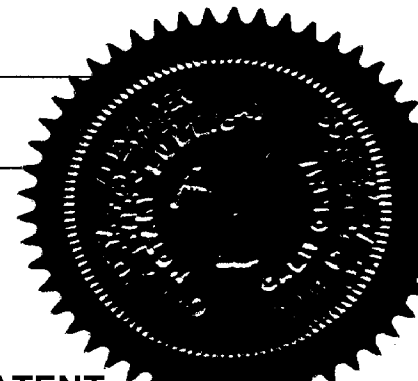
I/We covenant with the Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

I/We hereunto sign our names below at San Jose, CA  
(city) (state)

on this 14 day of July 2006  
(day) (month) (year)



David Alan Burton



PATENT

REEL: 018105 FRAME: 0017

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

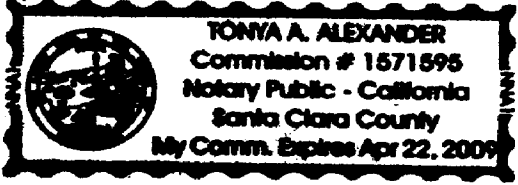
State of California

County of Santa Clara } ss.

On 07.14.06, before me, Tonya A. Alexander, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared David Alan Burton  
Name(s) of Signer(s)

personally known to me

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal  
Tonya A. Alexander  
Signature of Notary Public

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: Assignment

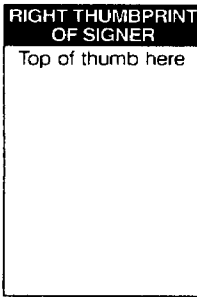
Document Date: 07.14.06 Number of Pages: 1

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: David Alan Burton

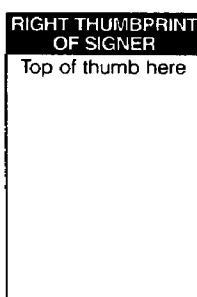
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_