

Form PTO-1595 (Rev. 03-09)  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

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

**1. Name of conveying party(ies)**

Kurt Alan Shoens

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) March 11, 2010

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

**2. Name and address of receiving party(ies)**

Name: Pillar Data Systems, Inc.

Internal Address: \_\_\_\_\_

Street Address: 2840 Junction Avenue

City: San Jose

State: California

Country: US

Zip: 95134

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

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No. (s)

12/586,682

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: California

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 to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Robert Moll  
Signature

3/15/2010  
Date

Robert Moll

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**Three**

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

OP \$40.00 12586682

Attorney Docket No. Pillar 761

### 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

Systems and Methods of Searching for and Determining Modified Blocks in a File System described in an application for United States Patent (the Patent), filed on September 25, 2009 as U.S. Application No. 12/586,682, 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 11 day of March 2010  
(day) (month) (year)

  
Kurt Alan Shoens

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PATENT