

**PATENT ASSIGNMENT**

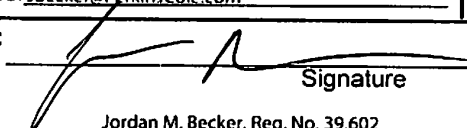
Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Daniel Alan Muntz	12/10/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NETAPP, INC.
<b>Street Address:</b>	495 East Java Drive
<b>City:</b>	Sunnyvale
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94089
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12336388
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)838-4350
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	650-838-4300
<b>Email:</b>	cthoorsell@perkinscoie.com
<b>Correspondent Name:</b>	PERKINS COIE LLP
<b>Address Line 1:</b>	P.O. Box 2168
<b>Address Line 4:</b>	Seattle, WASHINGTON 98111-1208
<b>ATTORNEY DOCKET NUMBER:</b>	672728181US01
<b>NAME OF SUBMITTER:</b>	Jordan M. Becker
<b>Total Attachments: 3</b> source=672728181us01assignmentcover#page1.tif source=672728181us01assignment#page1.tif source=672728181us01assignment#page2.tif	

CH \$40.00 12336388

**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.

<b>1. Name of conveying party(ies)</b>  Daniel Alan Muntz  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies)</b> Name: <u>NetApp, Inc.</u> Internal Address: _____ _____ Street Address: <u>495 East Java Street</u> _____ City: <u>Sunnyvale</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>94089</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>December 10, 2008</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____		<b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) _____ B. Patent No.(s) _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Jordan M. Becker</u> Internal Address: _____ _____ Street Address: <u>P.O. Box 1208</u> _____ City: <u>Seattle</u> State: <u>Washington</u> Zip: <u>98111-1208</u> Phone Number: <u>650-838-4300</u> Fax Number: <u>650-838-4350</u> Email Address: <u>JBecker@PerkinsCoie.com</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> <u>\$40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b>  Signature Jordan M. Becker, Reg. No. 39,602 Name of Person Signing		<b>8. Payment Information</b> Deposit Account Number <u>50-2207</u> Authorized User Name <u>Perkins Coie</u>  Total number of pages including cover sheet, attachments, and documents: <input type="text" value="3"/>	

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 OF APPLICATION

Docket Number (Optional)  
672728181US01

Whereas, I/We, Daniel Alan Muntz of Cupertino, California hereafter referred to as applicant, have invented certain new and useful improvements in

**Method and Apparatus to Implement a Hierarchical cache System with pNFS**

for which an application for a United States Patent was filed on \_\_\_\_\_  
Application Number \_\_\_\_\_

for which an application for a United States Patent was executed on December 16, 2008, and

Whereas, NetApp, Inc. of Delaware here referred to as "assignee" whose mailing address is 495 East Java Drive; Sunnyvale, California 94089 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2008  
at \_\_\_\_\_

*[Handwritten Signature]*  
\_\_\_\_\_  
(Signature)

STATE OF CALIFORNIA )  
COUNTY OF SANTA CLARA ) SS: Daniel Alan Muntz  
Printed Name/Registration No., if applicable

Before me personally appeared said Daniel Alan Muntz and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_

*See attached*

Seal \_\_\_\_\_  
(Notary Public)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

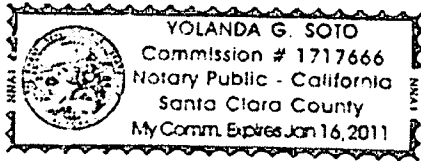
State of California

County of Santa Clara

On Dec 19, 2008 before me, Yolanda G. Soto of 1

personally appeared Daniel Alan Monte Name(s) of Signer(s)

who 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.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Yolanda G. Soto Signature of Notary Public

Place Notary Seal Above

**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: POA - S-116

Document Date: Dec 19, 2008 Number of Pages: \_\_\_\_\_

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

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

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

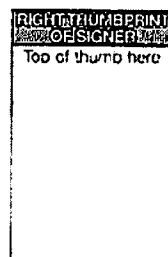
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



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

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

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



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