

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

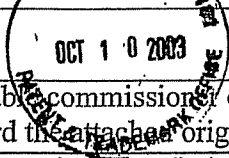

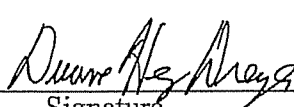
SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee Name previously recorded on Reel 014595 Frame 0575. Assignor(s) hereby confirms the Assignment of Assignor's Interest.
CONVEYING PARTY DATA	
Name	Execution Date
Raymond C. Chen	10/08/2003
RECEIVING PARTY DATA	
Name:	Network Appliance, Inc.
Street Address:	495 East Java Drive
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	02210
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	7231409
CORRESPONDENCE DATA	
Fax Number:	(617)951-3927
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-951-2500
Email:	sdl@c-m.com, elaine@c-m.com
Correspondent Name:	Cesari and McKenna, LLP
Address Line 1:	88 Black Falcon Avenue
Address Line 2:	Suite 271
Address Line 4:	Boston, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	112056-0060
NAME OF SUBMITTER:	Stephen D. LeBarron
Total Attachments: 6 source=0060CorrectiveAssignment#page1.tif source=0060CorrectiveAssignment#page2.tif	

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<div style="display: flex; justify-content: space-between;"> <div>  </div> <div> 10-21-2003  102579969 </div> <div> SHE </div> </div>		
To the Honorable Commissioner of: Please record the attached origin		
1. Name of conveying party(ies): Raymond C. Chen Additional name(s) of conveying party(ies) attached? _____ Yes <input checked="" type="checkbox"/> No	Address of receiving party(ies): Name: Network Appliance, Inc. Network Appliance, Inc. Street Address: 495 East Java Drive City: Sunnyvale State: California Zip: 94089 Additional name(s) & address(es) Attached? _____ Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		
Execution Date: <u>October 8, 2003</u>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>10/394,689</u> B. Patent No. (s) _____ Additional numbers attached? _____ Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Duane H. Dreger Street Address: Cesari and McKenna, LLP 88 Black Falcon Avenue City: Boston State: MA Zip: 02210	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit Account 8. Deposit account no. 03-1237 (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
Duane H. Dreger, Reg. No. 48,836 Name of Person Signing	 Signature	October 10, 2003 Date Total number of pages comprising cover sheet:

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PATENT
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ASSIGNMENT

Whereas I, Raymond C. Chen, whose residence address is 400 Castro Court, Campbell, CA 95008, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEM AND METHOD FOR REALLOCATING BLOCKS IN CHECKPOINTING BITMAP-BASED FILE SYSTEMS, identified by Cesari and McKenna File No. 112056-0060, the specification of which was filed on March 21, 2003, and accorded Serial Number 10/394,689; and

Whereas Network Appliance, Inc., whose address is 495 East Java Drive, Sunnyvale, CA 94089, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer, and convey to Assignee my entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents

including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which I have executed this Assignment as an instrument under seal on the date indicated next to my name.

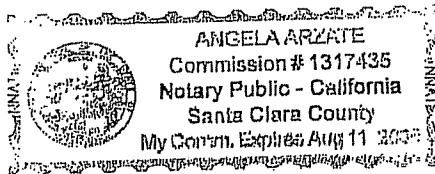
12/8/03
Date

[Signature]
Raymond C. Chen, Inventor

State of California)
County of Santa Clara)ss.

On October 8, 2003, before me, Angela Arzate, Notary Public, personally
appeared Raymond C. Chen,

☒ 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.

WITNESS my hand and official seal

[Signature]
Signature of Notary Public

[seal]