Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exc. 6/30/2005)



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

. 102790805			
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)/Execution Date(s):	2. Name and address of receiving party(ies)		
Emmanuel Ackaouy	Name: Network Appliance, Inc.		
Brian Quirion	Internal Address:		
David Grunwald			
Execution Date(s) 10/06/2003, 07/07/2004, 11/06/2003	Street Address: 495 E. Java Drive		
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address. 430 E. Java Brive		
3. Nature of conveyance:			
X Assignment Merger	City: Sunnyvale		
Security Agreement Change of Name	State: CA		
Government Interest Assignment	Country: USA Zip: 94089		
Executive Order 9424, Confirmatory License	Country: USA Zip: 94089		
Other	Additional name(s) & address(es) attached? Yes X No		
4. Application or patent number(s): A. Patent Application No.(s) 10/423,477	document is being filed together with a new application. B. Patent No.(s)		
Additional numbers at	tached? Yes No		
5. Name and address to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed:	involved: 01 j		
Name: Arnold M. de Guzman	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: De Guzman & Associates, PC	Authorized to be charged by credit card		
	Authorized to be charged to deposit account		
Street Address: 5276 Hollister Avenue #160	Enclosed		
	None required (government interest not affecting title)		
City: Santa Barbara	8. Payment information		
State: CA Zip: 93111	a. Credit Card Last 4 Numbers Expiration Date		
Phone Number: (805) 681-5078			
Fax Number: (805) 681-5076	b. Deposit Account Number		
Email Address:_arnold@dcpatentlaw.com	Authorized User Name		
9. Signature:			
Signature	Date		
Arnold M. de Guzman	Total number of pages including cover sheet, attachments, and documents:		
Name of Person Signing			

Documents to the recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

07/13/2004 ECOOPER 00000112 10423477

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PATENT REEL: 015551 FRAME: 0956

US DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

Patent Application No.: 10/423,477

Attorney Docket No.: 10020.001010

1. Name of conveying party(ies) (Continued from page 1):

Ashish Prakash

James Voll

Paul Eastham

Kartik Ayyar

Szu-wen Kuo

3. Nature of conveyance (Continued from page 1): Assignment

Execution Date(s): 11/17/2003, 11/10/2003, 06/25/2004, 11/06/2003 & 03/02/2004

PATENT REEL: 015551 FRAME: 0957

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred herein as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Network Appliance, Inc., a Delaware corporation, having a place of business at 495 East Java Drive, Sunnyvale, CA. 94089, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled APPARATUS AND METHOD FOR DATA CONSISTENCY IN A PROXY CACHE ("APPLICATION"), which:

	is to be filed	herewith		
\boxtimes	was filed on	April 25, 2	<u>003</u> ,	
	now bearing	U.S. serial n	umber 10/423	3,477; and

- 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all assignments, oaths, powers of attorney, applications, and other papers (and/or documents) necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney(s) of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Re:

Title: APPARATUS AND METHOD FOR DATA CONSISTENCY IN A PROXY

CACHE

Filed: (if applicable)

April 25, 2003

Atty. Docket No.:

10020.001010 (P01-1522)

Serial No.: (if applicable)

10/423,477

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of <u>Signature</u>	Date Declaration Executed By This Person
Emmanuel Ackaouy	7 CH 6H ,2003	× 10 ~ 06 ,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
	,2003	,2003
Name and Signature	Date of Signature	Date Declaration <u>Executed By This Person</u>
		,2003
Name and Signature	Date of <u>Signature</u>	Date Declaration <u>Executed By This Person</u>
	,2003	,2003
Name and Signature	Date of <u>Signature</u>	Date Declaration Executed By This Person
	,2003	,2003

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Name and Signature	Date of <u>Signature</u>	Date Declaration Executed By This Person
Emmanuel Ackaouy		
Name and Signature Source Brian Quirion	Date of Signature	Date Declaration Executed By This Person October 7, 2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
David Grunwald		.2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Ashish Prakash		,2003
Name and Signature	Date of Signature	Onte Declaration Executed By This Person
James Voll		

Page 2 of 3

Re: Title:

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James Voll

April 25, 2003 Atty. Docket No.:

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Emmanuel Ackaouy	,2003	
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Brian Quirion	,2003	,2003
Name and Signature Many Many David Grunwald	Date of Signature	Date Declaration Executed By This Person 10-06 ,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Ashish Prakash	,2003	
Name and Signature	Date of Signature	Date Declaration Executed By This Person
	,2003	,2003

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Emmanuel Ackaouy	,2003	
Name and Signature	Date of <u>Signature</u>	Date Declaration <u>Executed By This Person</u>
Brian Quirion	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
David Grunwald		,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Ashish Prakash	$\frac{11}{17}$,2003	10-06 ,2003
Name and Signature	Date of <u>Signature</u>	Date Declaration Executed By This Person
James Voll	,2003	,2003

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Name and Signature	Date of Signature	Date Declaration Executed By This Person
Emmanuel Ackaouy	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Brian Quirion	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
David Grunwald	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Ashish Prakash	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
James Voll	11/10/.2003	10-03,2003

Re:

Title:

APPARATUS AND METHOD FOR DATA CONSISTENCY IN A PROXY

CACHE

Filed: (if applicable)

Name and Signature

April 25, 2003

Atty. Docket No.:

10020.001010 (P01-1522)

Serial No.: (if applicable)

10/423,477

Date of Signature Date Declaration

Executed By This Person

Paul Fastham

June 25,2004

October 10, 2003

Name and Signature

Date of Signature

Date Declaration

Executed By This Person

,2003

.2003

Kartik Ayyar

Date of Signature

Date Declaration

Executed By This Person

Name and Signature

,2004

2003

Szu-wen Kuo

PATENT

Title of Document: ASSIGNMENT

Re:

Title:

APPARATUS AND METHOD FOR DATA CONSISTENCY IN A PROXY

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April 25, 2003

Filed: (if applicable)
Atty. Docket No.:

10020.001010 (P01-1522)

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10/423,477

Name and Signature	Date of <u>Signature</u>	Date Declaration <u>Executed By This Person</u>
Paul Eastham	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Kartik Ayyar	11/6/,2003	10-03,2003
Name and Signature	Date of <u>Signature</u>	Date Declaration <u>Executed By This Person</u>
Szu-wen Kuo	,2003	,2003

PATENT

Title of Document: ASSIGNMENT

Re: Title:

APPARATUS AND METHOD FOR DATA CONSISTENCY IN A PROXY

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Filed: (if applicable)

April 25, 2003

Atty. Docket No.:

Szu-wen Kuo

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Serial No.: (if applicable)

10/423,477

Name and Signature	Date of Signature	Date Declaration Executed By This Person
Paul Eastham		,2003
Name and Signature	Date of Signature	Date Declaration <u>Executed By This Person</u>
Kartik Ayyar	,2003	,2003
Name and Signature	Date of Signature	Date Declaration Executed By This Person
Sym Ca	3/2,2004	10-6,2003