12-07-20	104
	E ROUELI
To the Honorable commissioner	
Please record the attached orig 10289596	S1
1. Name of conveying party(ies):	
Narayana R. Tummala	2. Name and address of receiving party(ies):
Michael Kazar	Name: Network Appliance, Inc.
Vasilis Apostolides Bruce Leverett	Name: Network Appliance, Inc.
Brace Bevereet	Street Address: 495 East Java Drive
Additional name(s) of conveying	Succe Addless. 493 East Java Dilve
party(ies) attached? Yes X No	City: Sunnyvale
3. Nature of conveyance:	State: CA Zip: 94089
X Assignment	
Merger	
Security Agreement	
Change of Name Other	Additional name(s) & address(es)
Other	Attached?YesX No
Execution Date: November 19, 2004	16510
November 17, 2004	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new	
date of the application is: November 19, 2004; Nove	ember 17, 2004
A. Patent Application No.(s)	B. Patent No. (s)
Additional numbers attached	 d? Yes X No
5. Name and address of party to whom	6. Total number of applications and
correspondence concerning document should be	patents involved:1
mailed:	
	7. Total fee (37 CFR 3.41) \$40.00
Name: Duane H. Dreger	X Enclosed
Street Address: Cesari and McKenna, LLP	Authorized to be charged to deposit
1	Account
88 Black Falcon Avenue	8. Deposit account no. 03-1237 (Attach duplicate
City: Boston State: MA Zip: 02210	copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
O Statement and single	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information of the property	tion is true and correct and are the last
copy of the original document.	non is it are and correct and any attached copy is a true
1 1	/
Duane H. Dreger, Reg. No. 48,836 Ware Ag	November 29, 2004
Name of Person Signing Signatur	Total number of pages comprising cover sheet:

## ASSIGNMENT

Whereas We, Narayana R. Tummala, whose residence address is 133 Canter Lane, Gibsonia, PA 15044, Michael Kazar, whose residence address is 1233 Shady Avenue, Pittsburgh, PA 15232, Vasilis Apostolides, whose residence address is 704 HighPoint Drive, Wexford, PA 15090, and Bruce W. Leverett, whose residence address is 759 Lebanon Avenue, Pittsburgh, PA 15228, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled TECHNIQUE FOR PERMITTING MULTIPLE VIRTUAL FILE SYSTEMS HAVING THE SAME IDENTIFIER TO BE SERVED BY A SINGLE STORAGE SYSTEM, identified by Cesari and McKenna File No. P01-1836/112056-0186, which application was executed by us herewith; 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 us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer, and convey to Assignee our 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 our names 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 we 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 we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us 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 us, our 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 us 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 our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

11-19-04	I de fr	
Date Nara	iyana R. Tummala	, Inventor
Commonwealth of Pennsylvania	) )ss.	Notarial Seal Geraldine Joyce Crivelli, Notary Public O'Hara Twp., Allegheny County My Commission Expires Feb. 26, 2005
County of	)	Member, Pennsylvania Association of Notaries
	n to me to be the p	t, before me appeared Narayana R. person described in and who executed same to be his free act and deed.

[seal]

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11-17-04	9.T. 1)
Date	Michael Kazar, Inventor
Commonwealth of Pennsylv  County of	ania ) )ss)
to me known and known to i	of <u>Jouenth</u> , 2004, before me appeared Michael Kazar, me to be the person described in and who executed the acknowledged the same to be his free act and deed.
Notarial Seal Geraldine Joyce Crivelli, Notary Public O'Hara Twp., Allegheny County My Commission Expires Feb. 28, 2005 ember, Pennsylvania Association of Notaries	Haldman / Notary Public
[seal]	
////	Vas dis Apostolides, Inventor
Commonwealth of Pennsylva	ania ) )ss.
County of	)
Apostolides, to me known an	of <u>fuency</u> , 2004, before me appeared Vasilis and known to me to be the person described in and who ament, and he acknowledged the same to be his free act and
Motarial Seal  Beraldine tivoe Crivelli, Notary Huoric O'Hara Iv.D., Allogheny County by Control Expires Fich. 16, 2nd, Berbur, he insylvant Association of Italies	Notary Public
[seal]	

November 17, 2004	Bruce W. Leverett
Date	Bruce W. Leverett, Inventor
Commonwealth of Pennsylv	ania )
	)ss.
County of	)
Leverett, to me known and k	of <u>Jovemby</u> , 2004, before me appeared Bruce W. known to me to be the person described in and who executed ad he acknowledged the same to be his free act and deed.
Notarial Seal Beraldine Joyce Crivelli, Notary Public O'Hara Twp., Allegheny County By Commission Expires Feb. 26, 2005 Commission Expires Feb. 26, 2005	Notary Public

[seal]

**RECORDED: 11/29/2004**