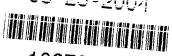
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	ademarks. Pleas	e record the attacrieu புiginal documents or copy thereof.
 Name of conveying party(ies): Vijay Deshmukh; Benjamin Swartzlander; Tir Thompson 	nothy J.	Name and address of receiving party(ies): Name: Network Appliance, Inc.
Additional name(s) of conveying party(ies) att ☑ No ☐ Yes	ached?	Internal Address: Street Address: 495 East Java Drive
3. Nature of Conveyance:	į	
	Name	City: Sunnyvale State: CA Zip: 94089 Country: USA
Execution Date: 3/11/2004		Additional name(s)& address(es) attached? ■ No □ Yes
Application number(s) or patent number(s) If this document is being filed together with a A. Patent Application No.(s)		, the execution date of the application is: B. Patent No.(s)
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Docket No. 5693P047

PATENT REEL: 015104 FRAME: 0816 Attorney's Docket No.: 5693P047

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the

Vijay Deshmukh; Benjamin Swartzlander; Timothy J. Thompson

hereby sell, assign, and transfer to:

Network Appliance, Inc.

a Corporation of Delaware, having a principal place of business at 495 East Java Drive, Sunnyvale, California 94089 U ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the Uni patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below entitled:

ON THE FLY SUMMARIZATION OF FILE WALK DATA

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, all other patent applications that have been or shall be filed in the United States and all foreign countries on any of sinventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filir United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its o and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on a said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; com said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal represent securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its succe assigns, and legal representatives; and

5693P047 Page 1 of 2

PATENT REEL: 015104 FRAME: 0817 covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

11 march 2004	D. Vn
Date	Name: Vijay Deshmukh
11March 2004	Gula
Date	Name: Benjamin Swartzlander
11 March 2004	Timothy & Thompson
Date	Name: Timothy J. Thompson
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025

Telephone: (408) 720-8300

5693P047

Page 2 of 2

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

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on March 1/2+204 hoters ma	Locale (12 ate Noto refliblic
Date Delore Me,	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Viay Deshin	nukh,
	Name(s) of Signer(s)
	□ proved to me on the basis of satisfactory
	evidence
And the second s	to be the person(s) whose name(s) is/are
ANGELA ARZATE	acknowledged to me that he/she/they executed
Commission # 1317435	the same in his/her/their authorized
Santa Clara County	capacity(ies), and that by his/her/their
My Comm. Expires Aug 11, 2005	signature(s) on the instrument the person(s), or
	acted, executed the instrument.
	WITNESS my hand and official seal.
	(leeke (o/
	Signature of Notary Public
	9
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	∑personally known to me
ANGELA ARZATE Commission # 1317435 Notary Public California Santa Clara County My Comm. Expires Aug 11, 2005	to be the person(s) whose name(s) is/an 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), of the entity upon behalf of which the person(s) acted, executed the instrument.
Place Notary Seal Above	WITNESS my hand and official seal. Signature of Notary Public
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County of Seuta Clara	ss.
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Date Tica A th T -	Name and Title of Offider (e.g., "Jane Doe, Notary Public")
personally appeared	Name(s) bt Signer(s)
	也personally known to me
	☐ proved to me on the basis of satisfactor evidence
	to be the person(s) whose name(s) is/ar
The second secon	subscribed to the within instrument and acknowledged to me that he/she/they execute
ANGELA ARZATE	the same in his/her/their authorize
Commission # 1317435 Notary Public - California	capacity(ies), and that by his/her/the
Santa Clara County	signature(s) on the instrument the person(s), of the entity upon behalf of which the person(s)
My Comm. Expires Aug 11, 2005	acted, executed the instrument.
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