Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------|----------------|
| Atul Goel | 01/29/2008 |
| Con Phan | 01/29/2008 |
| Cheng Tan | 02/05/2008 |

RECEIVING PARTY DATA

| Name: | Network Appliance, Inc. | |
|-----------------|-------------------------|--|
| Street Address: | 495 East Java Drive | |
| City: | Sunnyvale | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 94089 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12015280 |

CORRESPONDENCE DATA

Fax Number: (303)740-9042

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 303-740-9000

Email: connie@leyiplaw.com
Correspondent Name: JOHN R LEY, LLC

Address Line 1: 5299 DTC BLVD, SUITE 610

Address Line 4: GREENWOOD VILLAGE, COLORADO 80111

| ATTORNEY DOCKET NUMBER: | 230.311/P01-2981 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | John R. Lev |

Total Attachments: 7

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PATENT REEL: 020660 FRAME: 0091

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ASSIGNMENT

WHEREAS, I, Atul Goel, having an address of 495 East Java Drive, Sunnyvale, California, 94089; and I, Con Phan, having an address of 495 East Java Drive, Sunnyvale, California, 94089; and I, Cheng Tan, having an address of 101 Cedar Ter, Fremont, California, 94539, as joint inventors, have made a certain new and useful invention relating to an APPARATUS AND METHOD TO PROACTIVELY ADDRESS HARD DISK DRIVE INEFFICIENCY AND FAILURE for which an application for Letters Patent of the United States has been made, said application being identified by Docket No. 230.311 in the law firm of John R. Ley, LLC, 5299 DTC Boulevard, Suite 610, Greenwood Village, Colorado, 80111-3327, and which is executed concurrently herewith, and

WHEREAS, Network Appliance, Inc., Assignee, a California corporation, whose post office address is 495 East Java Drive, Sunnyvale, California, 94089, desires to acquire the entire right, title and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I have sold, assigned, and set over and by these presents do hereby sell, assign and set over unto the said Assignee and said Assignee's legal representatives, successors and assigns, my entire right, title and interest in and to the above-identified patent application and invention, including all rights of priority and the right to apply for and receive all international, national and regional patents corresponding thereto, and all Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee, agreeably with the term of this Assignment.

UPON SAID CONSIDERATION, I hereby covenant and agree with the said
Assignee that I will not execute any writing or do any act whatsoever conflicting with

these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original. divisional, renewal, reissued, reexamined or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits and declarations, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the successors, assigns and legal representatives of the parties hereto. IN WITNESS WHEREOF, I have signed this ASSIGNMENT on this 29th day Atul Goel STATE OF _____, 2008, before a Notary Public in ____ day of _ and for said county, appeared Atul Goel, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth. My commission expires: Witness my hand and official seal. (SEAL) Notary Public Page 2 of 4

| IN WITNESS WHEREOF, I have of, 2008. | e signed this ASSIGNMENT on this Assignment of the signed this ass |
|--|--|
| | Con Phan |
| | CONT Hall |
| STATE OF |) ss.) |
| person whose name is subscribed to the | , 2008, before a Notary Public in and for spersonally known to me to be the same foregoing instrument, and acknowledged that he instrument as a free and voluntary act for the |
| My commission expires: | • |
| Witness my hand and official sea | I. |
| (SEAL) | Notary Public |
| | |

Page 3 of 4

| IN WITNESS WHEREOF, I have of <u>Johnson</u> , 2008. | e signed this ASSIGNMENT on this day |
|--|--|
| | Cheng Tan |
| STATE OF |)) ss.) |
| person whose name is subscribed to the | , 2008, before a Notary Public in and for is personally known to me to be the same foregoing instrument, and acknowledged that he instrument as a free and voluntary act for the |
| My commission expires: | * |
| Witness my hand and official sea | l. |
| | |
| (SEAL) | Notary Public |

| State of California | |
|---|---|
| County of <u>State Clate</u> | |
| | Here insert Name and Title of the Officer / Name (6) of Signor(6) |
| MADELYNN N. RIVERA Commission # 1555215 Notary Public - California Alameda County My Comm. Expires Feb 28, 2089 | who proved to me on the basis of satisfactory evidence be the person(s) whose name(s) is/are subscribed to t within instrument and acknowledged to me the/she/they executed the same in his/her/their authorize capacity(ies), and that by his/her/their signature(s) on tinstrument the person(s), or the entity upon behalf which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the law of the State of California that the foregoing paragraph true and correct. WITNESS my hand and official seal. |
| Place Notary Seal Above OPTI | Signature Signaturgot Notary Public ONAL |
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| Partner — ☐ Limited ☐ General | ☐ Corporate Officer — Title(s): |
|) Augmey in raci | Attorney in Fact |
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California personally appeared 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 MADELYNN N. RIVERA capacity(ies), and that by his/her/their-signature(s) on the Commission # 1555215 instrument the person(s), or the entity upon behalf of Notary Public - California which the person(s) acted, executed the instrument. Alameda County May Comm. Expires Feb 28, 2009 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. 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: ____ Document Date: ___ Number of Pages: _____ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name: ☐ Individual ☐ Individual ☐ Corporate Officer — Title(s): _ ☐ Corporate Officer — Title(s): ___ □ Partner — □ Limited □ General ☐ Partner — ☐ Limited ☐ General Attorney in Fact ☐ Attorney in Fact Too of thumb here □ Trustee □ Trustee ☐ Guardian or Conservator □ Guardian or Conservator [] Other: ☐ Other: Signer Is Representing: ____ Signer Is Representing:

CANOLACO VANIEA CONSTITUTION SERVICE S

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California On 2.5.2008 before me, Yolanda C. Solo votery Out Vic , personally appeared _ C Nevi a who proved to me on the basis of satisfactory evidence to be the person(s) whose name(e)(fS)are subscribed to the within instrument and acknowledged to me that (ne/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 YOLANDA G. SOTO which the person(s) acted, executed the instrument. Commission # 1717666 Notary Public - California ह I certify under PENALTY OF PERJURY under the laws Santa Clara County My Comm. Expires Jon 16, 2011 of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. 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: Yatent POI-2981 Number of Pages: Signer(s) Other Than Named Above: ____ Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name: Individual □ Individual ☐ Corporate Officer — Title(s): ☐ Corporate Officer — Title(s); ___ ☐ Corporate Onico. ☐ Partner — ☐ Limited ☐ General RIGHT HUMBPRINT OF SIGNER. ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact Too of thumb here Top of thomb here 11 Trustee Trustee Guardian or Conservator ☐ Guardian or Conservator ① Other: Signer is Representing: Signer Is Representing:

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