

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gokul Soundararajan</td><td>09/30/2011</td></tr><tr><td>Kaladhar Voruganti</td><td>09/30/2011</td></tr><tr><td>Lakshmi Narayanan Bairavasundaram</td><td>09/30/2011</td></tr><tr><td>Priya Sehgal</td><td>09/30/2011</td></tr><tr><td>Vipul Mathur</td><td>09/30/2011</td></tr></tbody></table>		Name	Execution Date	Gokul Soundararajan	09/30/2011	Kaladhar Voruganti	09/30/2011	Lakshmi Narayanan Bairavasundaram	09/30/2011	Priya Sehgal	09/30/2011	Vipul Mathur	09/30/2011
Name	Execution Date												
Gokul Soundararajan	09/30/2011												
Kaladhar Voruganti	09/30/2011												
Lakshmi Narayanan Bairavasundaram	09/30/2011												
Priya Sehgal	09/30/2011												
Vipul Mathur	09/30/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Network Appliance, Inc.</td></tr><tr><td>Street Address:</td><td>495 East Java Drive</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94089</td></tr></table>		Name:	Network Appliance, Inc.	Street Address:	495 East Java Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089		
Name:	Network Appliance, Inc.												
Street Address:	495 East Java Drive												
City:	Sunnyvale												
State/Country:	CALIFORNIA												
Postal Code:	94089												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13250911</td></tr></tbody></table>		Property Type	Number	Application Number:	13250911								
Property Type	Number												
Application Number:	13250911												
CORRESPONDENCE DATA													
Fax Number: (503)439-6073 Phone: (503) 439-8778 Email: heidi_yee@bstz.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Heidi M. Yee Address Line 1: 1279 Oakmead Parkway Address Line 4: Sunnyvale, CALIFORNIA 94085-4040													
ATTORNEY DOCKET NUMBER:	5693P503												
NAME OF SUBMITTER:	Vincent H. Anderson												

CH \$40.00 13250911

501723041

PATENT
REEL: 027222 FRAME: 0331

Total Attachments: 4

source=5693P503_Assignment_all#page1.tif

source=5693P503_Assignment_all#page2.tif

source=5693P503_Assignment_all#page3.tif

source=5693P503_Assignment_all#page4.tif

ASSIGNMENT OF PATENT APPLICATION

Docket No.: 5693P503_P01-5055

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Gokul Soundararajan, Kaladhar Voruganti, Lakshmi Narayanan Bairavasundaram, Priya Sehgal, Vipul Mathur

hereby sell, assign, and transfer to NetApp, Inc.

a corporation of Delaware,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 495 East Java Drive, Sunnyvale, CA 94089,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

**INTELLIGENCE FOR CONTROLLING VIRTUAL STORAGE APPLIANCE
STORAGE ALLOCATION**

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/250,911 filed September 30, 2011

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Sep 30, 20 11
Date

Gokul Soundararajan
Signature

GOKUL SOUNDARARAJAN

Sept 30th, 20 11
Date

Kaladhar Voruganti
Signature

KALADHAR VORUGANTI

Sep 30, 20 11
Date

Lakshmi Narayanan Bairavasundaram
Signature

LAKSHMI NARAYANAN BAIRAVASUNDARAM

_____, 20____
Date

Signature

PRIYA SEHGAL

_____, 20____
Date

Signature

VIPUL MATHUR

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

ASSIGNMENT OF PATENT APPLICATION

Docket No.: 5693P503_P01-5055

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Gokul Soundararajan, Kaladhar Voruganti, Lakshmi Narayanan Bairavasundaram, Priya Sehgal, Vipul Mathur

hereby sell, assign, and transfer to NetApp, Inc.

a corporation of Delaware,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 495 East Java Drive, Sunnyvale, CA 94089,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

**INTELLIGENCE FOR CONTROLLING VIRTUAL STORAGE APPLIANCE
STORAGE ALLOCATION**

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/250,911 filed September 30, 2011

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

_____, 20____
Date Signature

GOKUL SOUNDARARAJAN

_____, 20____
Date Signature

KALADHAR VORUGANTI

_____, 20____
Date Signature

LAKSHMI NARAYANAN BAIRAVASUNDARAM

30-Sept, 2011
Date Signature

PRIYA SEHGAL

30-Sep, 2011
Date Signature

VIPUL MATHUR

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300