

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>Deepak Kenchammana</td><td>04/20/2010</td></tr><tr><td>Michael R. Eisler</td><td>07/22/2010</td></tr><tr><td>Arthur F. Lent</td><td>04/30/2010</td></tr><tr><td>Rahul Iyer</td><td>04/29/2010</td></tr><tr><td>Shravan Gaonkar</td><td>04/20/2010</td></tr></tbody></table>		Name	Execution Date	Deepak Kenchammana	04/20/2010	Michael R. Eisler	07/22/2010	Arthur F. Lent	04/30/2010	Rahul Iyer	04/29/2010	Shravan Gaonkar	04/20/2010
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Shravan Gaonkar	04/20/2010												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>NetApp, 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:	NetApp, Inc.	Street Address:	495 East Java Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089		
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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>12771934</td></tr></tbody></table>		Property Type	Number	Application Number:	12771934								
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CORRESPONDENCE DATA													
Fax Number: (408)720-8383 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 4087208300													
Email: carrie_boccaccini@bstz.com													
Correspondent Name: Ryan W. Elliott													
Address Line 1: 1279 Oakmead Parkway													
Address Line 4: Sunnyvale, CALIFORNIA 94085													
ATTORNEY DOCKET NUMBER:	5693.P479												
NAME OF SUBMITTER:	Ryan W. Elliott												

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PATENT
REEL: 024742 FRAME: 0913

Total Attachments: 8

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 5693.P479

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Deepak Kenchammana, Michael R. Eisler, Arthur F. Lent, Rahul Iyer, and Shravan Gaonkar

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 I/O BANDWIDTH REDUCTION USING STORAGE-LEVEL COMMON PAGE INFORMATION

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 12/771,934 filed 04/30/2010

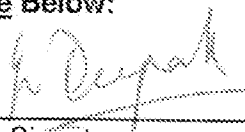
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute 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:

04/20, 2010
Date


Signature

Deepak Kenchammana
Printed/Typed Name

_____, 20____
Date

Signature

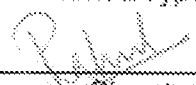
Michael R. Eisler
Printed/Typed Name

_____, 20____
Date

Signature

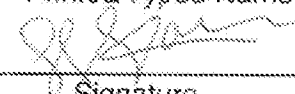
Arthur F. Lent
Printed/Typed Name

04/29, 2010
Date


Signature

Rahul Iyer
Printed/Typed Name

4/20, 2010
Date


Signature

Shravan Gaonkar
Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1030
(408) 720-8300

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

Deepak Kenchammana
Printed/Typed Name

_____, 20____
Date Signature

Michael R. Eisler
Printed/Typed Name

4/30, 2010
Date Signature

Arthur F. Lent
Printed/Typed Name

_____, 20____
Date Signature

Rahul Iyer
Printed/Typed Name

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Each Inventor: Please Sign and Date Below:

_____, 20____
Date Signature

Deepak Kenchammana
Printed/Typed Name

7/22, 2010
Date Signature

Michael R. Eisler
Printed/Typed Name

_____, 20____
Date Signature

Arthur F. Lent
Printed/Typed Name

_____, 20____
Date Signature

Rahul Iyer
Printed/Typed Name

_____, 20____
Date Signature

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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1030
(408) 720-8300

ACKNOWLEDGMENT

State of Colorado

County of EL PASO

On 7/22/10 before me, Hae Sook Lee,
Date (Name and Title of the Officer (e.g., "Jane Doe, Notary Public"))

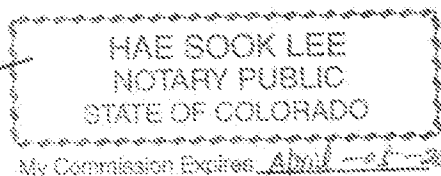
personally appeared Michael R Eisler
Name(s) of Signer(s)

- ☐ personally known to me
- ☒ provided 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 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Colorado that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public



Place Notary
Seal Above

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

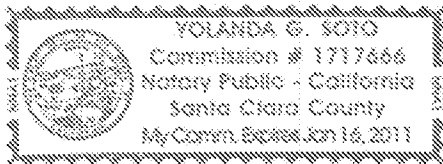
On April 30 2010 before me, Yolanda G. Soto, Notary Public
Here Insert Name and Title of the Officer

personally appeared Dipak Venkateshwararao and
Srinivas Ganesh
Names of Signer(s)

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 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

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: Yolanda G. Soto
Signature of Notary Public

Please Notary Seal and/or Stamp 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: SA-6036

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____

☐ Corporate Officer — Title(s): _____ ☐ Corporate Officer — Title(s): _____

☐ Individual ☐ Individual

☐ Partner — ☐ Limited ☐ General ☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact ☐ Attorney in Fact

☐ Trustee ☐ Trustee

☐ Guardian or Conservator ☐ Guardian or Conservator

☐ Other: _____ ☐ Other: _____

Signer Is Representing: _____ Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

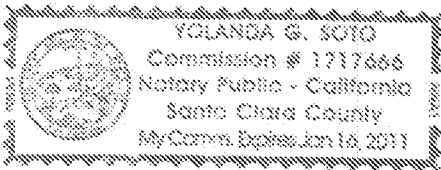
On April 29 2010

before me,

Yolanda G. Soto Notary Public
Here Insert Name and Title of the Officer

personally appeared

Rahul Narayan Iyer
Name(s) of Signer(s)



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 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

Yolanda G. Soto Notary Public
Signature of Notary Public

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: PAT-6034

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

ACKNOWLEDGMENT

State of California Massachusetts
County of Norfolk

On 4/30/200 before me, GERALDINE C. PORTER, Notary Public
Date (Name and Title of the Officer (e.g., "Jane Doe, Notary Public"))

personally appeared

Arthur F. Lent

Name(s) of Signer(s)

☒ personally known to me

☐ provided 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 capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

Geraldine Porter
Signature of Notary Public

Place Notary
Seal Above

My commission
expiration
5/2/10