

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vikas Yadav	09/06/2007
Raghu R. Arur	09/11/2007
Amol Chitre	09/11/2007

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:	11854309

CORRESPONDENCE DATA

Fax Number: (617)951-3927
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 617-951-2500
Email: dhd@c-m.com, elaine@c-m.com
Correspondent Name: Duane H. Dreger
Address Line 1: 88 Black Falcon Avenue
Address Line 2: Cesari and McKenna LLP
Address Line 4: Boston, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: 112056-0489

NAME OF SUBMITTER: Duane H. Dreger

Total Attachments: 5
source=0489_Assignment#page1.tif

PATENT

REEL: 019818 FRAME: 0658

500352999

CH \$40.00 11854309

source=0489_Assignment#page2.tif
source=0489_Assignment#page3.tif
source=0489_Assignment#page4.tif
source=0489_Assignment#page5.tif

ASSIGNMENT

Whereas We, Vikas Yadav, whose residence address is Sunnyvale, CA, Raghu R. Anur, whose residence address is Sunnyvale, CA, and Amol Chitre, whose residence address is Sunnyvale, CA, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled MECHANISM FOR CONVERTING ONE TYPE OF MIRROR TO ANOTHER TYPE OF MIRROR ON A STORAGE SYSTEM WITHOUT TRANSFERRING DATA, identified by Cesari and McKenna File No. 112056- , the specification of which application was executed by me 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 herein after 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 name(s) 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 me/us, my/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).

09/06/2007
Date


Vikas Yadav, Inventor

State of California)

)ss.

County of)

See CA all proper
acknowledgment attached

On this 6th day of September, 2007, before me appeared Vikas Yadav, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

[seal]

09/11/07

Date

Raghu R. Arur, Inventor

State of California)

)ss.

County of)

On this _____ day of _____, 2007, before me appeared Raghu R. Arur,
to me known and known to me to be the person described in and who executed the
foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

[seal]

SEE CALIFORNIA
ALL PURPOSE ACKNOWLEDGMENT
ATTACHED

09/11/07

Date

Amol Chitre, Inventor

State of California)

)ss.

County of)

On this _____ day of _____, 2007, before me appeared Amol Chitre
, to me known and known to me to be the person described in and who executed
the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

[seal]

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

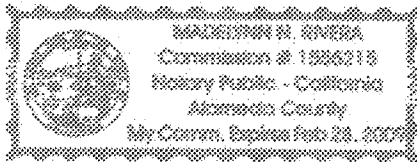
County of Santa Clara

SS.

On Sept 6 2007 before me, Madelene N. Roubal, Notary Public
personally appeared Vikas Yadav
Name(s) of Signer(s)

☐ personally known to me

☒ 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.



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: Assignment PD)-2914

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: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

§§.

On Sept 11 2007

before me, Madehyan N. Rivera

(Name and Title of Officer (e.g., "Notary Public"))

personally appeared

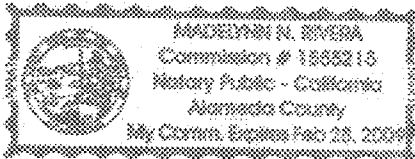
RAGHU RAO

(Name(s) of Signer(s))

Amol Chitre

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) were 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.



WITNESS my hand and official seal.

Place Notary Seal Above

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on this document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment POI-2914

Document Date: _____ Number of Pages: 3

Signer(s) Other Than Named Above: VIKAS YADAV

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: _____

PATENT

RECORDED: 09/12/2007

REEL: 019818 FRAME: 0664