PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Candera, Inc.	03/10/2005

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 29

Property Type	Number
Application Number:	60268694
Application Number:	10077696
Application Number:	10076855
Application Number:	60317817
Application Number:	10238927
Application Number:	10238713
Application Number:	10238804
Application Number:	10238388
Application Number:	10076909
Application Number:	10077482
Application Number:	10928081
Application Number:	10077181
Application Number:	10076906
Application Number:	10077199
Application Number:	10224618

Application Number:	10076878
Application Number:	10236473
Application Number:	10238932
Application Number:	10237560
Application Number:	60422109
Application Number:	10695889
Application Number:	10695888
Application Number:	10696434
Application Number:	10695887
Application Number:	10696624
Application Number:	10690924
Application Number:	10695141
Application Number:	10690244
Application Number:	10238409

CORRESPONDENCE DATA

Fax Number: (408)720-8383

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

Phone: 408-720-8300

Email: julie_arango@bstz.com

Correspondent Name: Jordan M. Becker

Address Line 1: 12400 Wilshire Boulevard, 7th Floor

Address Line 4: Los Angeles, CALIFORNIA 90025

NAME OF SUBMITTER:	Jordan M. Becker

Total Attachments: 9
source=Candera, Inc. to Network Appliance, Inc. Assignment#page1.tif
source=Candera, Inc. to Network Appliance, Inc. Assignment#page2.tif
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Exhibit D

ASSIGNMENT

WHEREAS, CANDERA, INC., a Delaware corporation, (hereinafter referred to as "Assignor") owns all right, title and interest in and to Patent Properties, Physical Assets, and Computer Programs, identified in Exhibits A, B and C, attached hereto; and

WHEREAS, NETWORK APPLIANCE, INC., a Delaware corporation, (hereinafter referred to as "Assignee"), is desirous of acquiring the entire, and exclusive domestic and foreign right, title, and interest in and under the Patent Properties, Physical Assets, and Computer Programs, identified in Exhibits A, B and C;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor assigns and transfers to the Assignee and the Assignee's legal representatives, successors and assigns, its full and exclusive right, title and interest to those Patent Properties, Physical Assets, and Computer Programs, identified in Exhibits A, B and C (hereinafter referred to as "Intellectual Property"), and specifically for the patents and patent applications, not limited to those listed in Exhibit A, (i) all U.S. and foreign patents and patent applications that claim priority to such patents and applications, and all U.S. and foreign patents and applications to which such patents and applications claim priority, (ii) any provisionals, continuations, continuations-in-part, divisionals, reissue applications, extensions, or Patent Cooperation Treaty applications of any of the foregoing, (iii) all patentable inventions described or embodied in any of the foregoing, and (iv) all inventions not yet filed in the U.S. Patent Office, whether or not disclosed with any of the foregoing, now or at any time owned or controlled by Seller, and does hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee in accordance with the terms of this assignment document. Such full and exclusive rights shall include, without limitation, the right to sue upon and otherwise enforce the Intellectual Property and to recover all past damages and other potential relief arising from infringement of the Intellectual Property assigned by this Agreement.

UPON SAID CONSIDERATION OF THE APA, Assignor conveys to the Assignee the right to make application in its own behalf for protection of the Intellectual Property, and specifically for patents and patent applications, in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications.

IN WITNESS WHEREOF, Assignor has caused one of its officers to hereunder set his hand on the date shown below and Assignee has caused one of its officers to hereunder set his hand on the date shown below to signify its acceptance of this Assignment.

Candera, Inc.

By: _~~Sundaresh~~_

Name: _SUBRAMANIAN   SUNDARESH_

Title: _PRESIDENT & CEO_

Date: _____March 10, 2005_____

STATE OF _____)
) SS:
COUNTY OF _____)

    On this tenth day of March 2005, before me, a Notary Public in and for said county, appeared   , who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

see attached
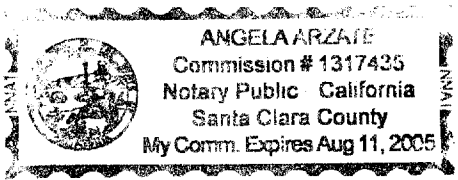
_____
Notary Public

{SEAL}
    My Commission Expires: _____

17

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara } ss.

On March 10, 2005, before me, Angela Arzate Notary Public,

Date · Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Subramanian Sundaresh,

Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

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/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.

_____

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.
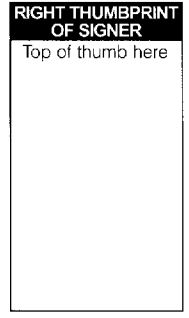
Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing: _____

**PATENT

REEL: 015963 FRAME: 0684**

Acceptance by Assignee:

Network Appliance, Inc.

By: _~Steven~_

Name: _Steven J. Gomo_

Title: _EVP Finance and CFO_

Date: _____March 10, 2005_____

Approved	NetApp Legal
_TL._	_3/10/05_

STATE OF _____)
) SS:
COUNTY OF _____)

    On this tenth day of March 2005, before me, a Notary Public in and for said county, appeared   ,
who is personally known to me to be the same person whose name is subscribed to the foregoing assignment
document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the
uses and purposes therein set forth.

see attached

_____
Notary Public

{SEAL}
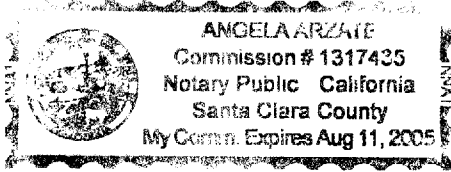   My Commission Expires: _____

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara } ss.

On March 10, 2005, before me, Angela Arzate Notary Public,
Date _____ Name and Title of Officer (e.g., "Jane Doe, Notary Public")_

personally appeared Steven John Gomo,
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.

ANGELA ARZATE
Commission # 1317435
Notary Public California
Santa Clara County
My Comm. Expires Aug 11, 2005

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 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

Signer's Name: _____

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

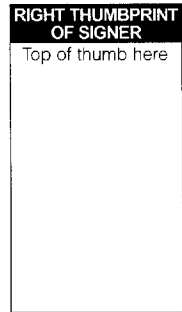| RIGHT THUMBPRINT OF SIGNER |
| --- |
| Top of thumb here |

Signer Is Representing: _____

Exhibit A

All U.S. and foreign patents and patent applications currently assigned to Seller, under an obligation to assign to Seller, or in which Seller has an ownership interest, including specifically the following identified patents and patent applications:

Seller U.S. and Foreign Patent Properties:

Country	Type	Serial No./Patent No.	Filing Date	Title	Inventors
US	PRO	60/268,694	2/13/2001	Virtual storage systems	Nilesh Shah Harinder Bhasin Kumar Gajjar James Collins Rahim Ibrahim Richard Meyer Nghiep Tran
US	ORIG	10/077,696	2/13/2002	Silicon based storage virtualization server	Nilesh Shah Rahim Ibrahim Nghiep Tran Tuan Nguyen
WO	PCT	US02/05504	2/13/2002	Silicon based storage virtualization server	Nilesh Shah Rahim Ibrahim Nghiep Tran Tuan Nguyen
EP	Foreign	02707860.9	2/13/2002	Silicon based storage virtualization server	Nilesh Shah Rahim Ibrahim Nghiep Tran Tuan Nguyen
JP	Foreign	2002/ 564745	2/13/2002	Silicon based storage virtualization server	Nilesh Shah Rahim Ibrahim Nghiep Tran Tuan Nguyen
US	ORIG	10/076,855	2/13/2002	Storage virtualization and storage management to provide higher level storage services	Kumar Gajjar James Collins Dipam Patel Richard Meyer Chandra Prasad
WO	PCT	US02/04472	2/13/2002	Storage virtualization and storage management to provide higher level storage services	Kumar Gajjar James Collins Dipam Patel Richard Meyer Chandra Prasad
EP	Foreign	02740113.2	2/13/2002	Storage virtualization and storage management to provide higher level storage services	Kumar Gajjar James Collins Dipam Patel Richard Meyer Chandra Prasad
US	PRO	60/317,817	9/7/2001	Method and apparatus for processing fiber channel frames at wire speed	Rahim Ibrahim Nghiep Tran Tuan Nguyen Chan Ng et al.

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US	ORIG	10/238,927	9/9/2002	Method and apparatus for transferring information between different streaming protocols at wire speed	Rahim Ibrahim Nghiep Tran Tuan Nguyen Chan Ng James L. Cihla
US	ORIG	10/238,713	9/9/2002	Wire-speed data transfer in a storage virtualization controller	Rahim Ibrahim Glenn Yu Nghiep Tran Tuan Nguyen Chan Ng Kumar Gajjar Richard Meyer
US	ORIG	10/238,804	9/9/2002	Compensating for unavailability in a storage virtualization system	Ranjit Ghate Rahim Ibrahim Tuan Nguyen Ashish Shah Chan Ng Gen-Hwa Chiang
US	ORIG	10/238,388	9/9/2002	Tracing method and apparatus for distributed environments	Chang Ng Tuan Nguyen
US	ORIG	10/076,909	2/13/2002	Method and apparatus for identifying storage	Richard Meyer Glenn Yu Rahim Ibrahim Gen-Hwa Chiang Kwan Sang Yap
US	ORIG	10/077,482 Issued as USPN 6,801,992	2/13/2002	System and method for policy based storage provisioning and management	Kumar Gajjar James Collins Richard Meyer Chandra Prasad Dipam Patel
US	CON	10/928,081	8/26/2004	System and method for policy based storage provisioning and management	Kumar Gajjar James Collins Richard Meyer Chandra Prasad Dipam Patel
WO	PCT	US02/04510	2/13/2002	System and method for policy based storage provisioning and management	Kumar Gajjar James Collins Richard Meyer Chandra Prasad Dipam Patel
EP	Foreign	02718983.6	2/13/2002	System and method for policy based storage provisioning and management	Kumar Gajjar James Collins Richard Meyer Chandra Prasad Dipam Patel
US	ORIG	10/077,181	2/13/2002	Virtual data center	James Collins Chandra Prasad Ranjit Ghate Brian Stevens Kumar Gajjar
US	ORIG	10/076,906	2/13/2002	Failover processing in a storage system	Richard Meyer Kumar Gajjar Chan Ng Andrey Gusev
WO	PCT	US02/04908	2/13/2002	Failover processing in a storage system	Richard Meyer Kumar Gajjar Chan Ng Andrey Gusev

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EP	Foreign	02709592.6	2/13/2002	Failover processing in a storage system	Richard Meyer Kumar Gajjar Chan Ng Andrey Gusev
JP	Foreign	2002/ 564739	2/13/2002	Failover processing in a storage system	Richard Meyer Kumar Gajjar Chan Ng Andrey Gusev
US	ORIG	10/077,199	2/13/2002	RAID at wire speed	Rahim Ibrahim Nghiep Tran Tuan Nguyen Chan Ng Gen-Hwa Chiang
US	CIP	10/224,618	8/19/2002	Data mover mechanism to achieve SAN RAID at wire speed	Rahim Ibrahim Nghiep Tran Tuan Nguyen Chan Ng
US	ORIG	10/076,878	2/13/2002	Method for device security in a heterogeneous storage network environment	Richard Meyer Kumar Gajjar Rahim Ibrahim Nghiep Tran Chandra Prasad
US	ORIG	10/236,473	9/5/2002	Embedded software object framework	Andrey Gusev James Collins Dipam Patel
US	ORIG	10/238,932	9/9/2002	Auto regression test for network-based storage virtualization system	Kumar Gajjar Robert Robbins Ranjit Ghate
US	ORIG	10/237,560	9/6/2002	Storage area network data cache	James L. Cihla Ryan T. Herbst
US	PRO	60/422,109	10/28/2002	Apparatus and method for enhancing storage processing in a network based storage virtualization system	Kumar Gajjar Andrey Gusev Brian Stevens Chan Ng Chandra Prasad Dipam Patel
US	ORIG	10/695,889	10/28/2003	Failure analysis method and system for storage area networks	Gautam Ghose Chandra Prasad Rush Manbert Richard Meyer
US	ORIG	10/695,888	10/28/2003	Method and system for managing time-out events in a storage area network	Tuan Nguyen Nghiep Tran Rahim Ibrahim
US	ORIG	10/696,434	10/28/2003	Method and system for strategy driven provisioning of storage in a storage area network	Rush Manbert Dipam Patel Chandra Prasad
US	ORIG	10/695,887	10/28/2003	Method and system for dynamic expansion and contraction of nodes in a storage area network	Richard Meyer Andrey Gusev Yuri Khodosh
US	ORIG	10/696,624	10/28/2003	Apparatus to offload and accelerate pico-code processing running in a storage processor	Ryan T. Herbst James L. Cihla Rahim Ibrahim James L. Vuong
US	ORIG	10/690,924	10/21/2003	Apparatus to flow control frames in a networked storage virtualization using multiple streaming protocols	James L. Cihla Jeff Cuppett Rahim Ibrahim

US	ORIG	10/695,141	10/27/2003	Apparatus for processing fibre channel and SCSI frames at wire speed	Jeff Cuppett Reynold Leong Rahim Ibrahim
US	ORIG	10/690,244	10/20/2003	Apparatus and method for searching an N-branch data structure using information in entries	Jeff Cuppett Reynold Leong
US	ORIG	10/238,409	9/9/2002	Method and apparatus for network storage flow control	Chan Ng Rahim Ibrahim Nghiep Tran Glenn Yu