PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Don Trimmer	03/31/2010
Steven C. Miller	01/29/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12754162

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.comCorrespondent Name:CESARI AND MCKENNA, LLPAddress Line 1:88 BLACK FALCON AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: 112056-0507U

NAME OF SUBMITTER: Duane H. Dreger

Total Attachments: 6

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ASSIGNMENT

Whereas We, Don Trimmer, whose residence address is Sunnyvale, CA, and Steven C. Miller, whose residence address is Livermore, CA, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled SYSTEM AND METHOD FOR REAL-TIME DEDUPLICATION UTILIZING AN ELECTRONIC STORAGE MEDIUM, identified by Cesari and McKenna File No. 112056–0507U / P01-3879.02, which application was enclosed on even date herewith; and

Whereas NetApp, Inc., whose address is 495 East Java Drive, Sunnyvale, CA, 94089, and which, together with its successors and assigns, is hereinafter 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 predicted upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
- Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names 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

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enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, 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.

PATENTS 112056–0507U P01-3879.02

3/31/2010	Don Trimmer, Inventor
Date	Don Trimmer, Inventor
State of California))ss.
County of	
On	, before me,, personally appeared
Don Trimmer,	
	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(ics), 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
[seal]	
	SEE ATTACHED ACKNOWLEDGEMENT

PATENTS 112056-0507U P01-3879.02

1/29/10	FU1-38/9.02
Date	Steven C. Miller, Inventor
State of California County of))ss.)
On	, before me,, personally appeared
Steven C. Miller,	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
	Signature of Notary Public

[seal]

California All-Purpose Acknowledgment

State of California

County of Alameda

SS

On March 31, 2010 before me, Patricia J. Melin, Notary Public, personally appeared Donald Alvivi Trimmer

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/sha/they executed the same in his/her/their authorized capacity(les), 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 the foregoing paragraph is true and correct.

MITNESS my hand and official seal.

Signature of Notary Public

PATRICIA J. MELIN
Commission # 1841664
Notary Public - California
Alameda County
My Comm. Expires Mar 20, 2013

My commission expires on: 3-20-2013

Phone No.: 925-216-9017

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California County of <u>Sander Clarer</u>	H. D. Carlotte
	J
On Jan 29 2010 before me, U	Here Inself Name and Title of the Officer Public
personally appeared Heven	CYALS M. New Name(s) of Signar(s)
	Name(s) of Signer(s)
YOLANDA G. SOTO YOLANDA G. SOTO Commission # 1717666 Notary Public - California # Santa Clara County Ny Comm. Expires Jan 16, 2011	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 (ne/shé/théy executed the same in his/her/their authorized capacity(jes), 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.
	$A \cup A \cup$
Place Notary Seal and/or Stamp Above	Signature: Words I A nary DNIC
o	TIONAL
i hough the information below is not required to and could prevent fraudulent remov	by law, it may prove <u>yal</u> uable to persons relying on the document val and reattachment of this form to another document.
Description of Attached Document) v -a
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(les) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
Corporate Officer — Title(s):	Corporate Officer — Title(s):
Individual	
Partner — Limited General Top of them	b here Partner — Elimited General Top of thumb here
Attorney in Fact	☐ Attorney in Fact
Trustee	□Trustee
Guardian or Conservator	☐ Guardian or Conservator
Other:	C Other:
Signer Is Representing:	Signer Is Representing:
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PATENT REEL: 024186 FRAME: 0959

RECORDED: 04/05/2010