

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lawrence Wen-Hao Chang	04/11/2007
Ananthan Subramanian	04/11/2007
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:	11541024
CORRESPONDENCE DATA	
Fax Number:	(617)951-3927
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6179512500
Email:	cristina@c-m.com
Correspondent Name:	Duane H. Dreger
Address Line 1:	88 black falcon ave
Address Line 2:	suite 271
Address Line 4:	boston, MASSACHUSETTS 94089
ATTORNEY DOCKET NUMBER:	112056-0316
NAME OF SUBMITTER:	Cristina Corvo
Total Attachments: 4 source=112056-316-assign#page1.tif source=112056-316-assign#page2.tif	

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ASSIGNMENT

Whereas We, Lawrence Wen-Hao Chang, whose residence address is San Francisco, CA 94110, and Ananthan Subramanian, whose residence address is Menlo Park, CA 94025, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled AUTHORIZING ADMINISTRATIVE OPERATIONS USING A SPLIT KNOWLEDGE PROTOCOL, identified by Cesari and McKenna File No. 112056-0316, the specification of which was filed on September 29, 2006, and accorded Serial Number 11/541,024; and

Whereas Network Appliance, 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 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 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 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.

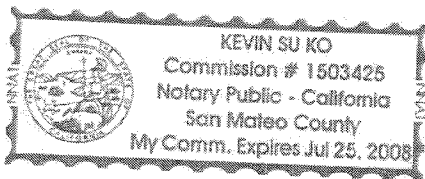
4/11/2007
Date

Lawrence Wen-Hao Chang, Inventor

State of California)
County of San Mateo) ss.

On April 11, 2007, before me, Kevin Su Ko, personally
appeared Lawrence Wen-Hao Chang,

☐ 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]
Signature of Notary Public

[seal]

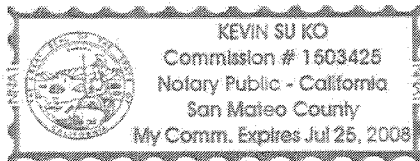
04/11/2007
Date

S. Ananthan
Ananthan Subramanian, Inventor

State of California)
County of San Mateo) ss.

On April 11, 2007, before me, Kevin Su Ko, personally
appeared Ananthan Subramanian,

☐ personally known to me
☒ proved to me on the basis of satisfactory
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WITNESS my hand and official seal

[Signature]
Signature of Notary Public

[seal]