

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John D. Panelli	12/15/2006
Sesh Jalagam	12/15/2006
Alan Kin Chung Leung	12/15/2006
RECEIVING PARTY DATA	
Name:	EMC Corporation
Street Address:	176 South Street
City:	Hopkinton
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11668932
CORRESPONDENCE DATA	
Fax Number: (508)616-9661	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email: farah.zafar@chapin-ip-law.com	
Correspondent Name: Barry W. Chapin, Esq.	
Address Line 1: Chapin Intellectual Property Law, LLC	
Address Line 2: Westborough Office Park, 1700 W. Park Dr	
Address Line 4: Westborough, MASSACHUSETTS 01581	
ATTORNEY DOCKET NUMBER:	EMC06-52(06515)
NAME OF SUBMITTER:	Barry W. Chapin, Esq.
Total Attachments: 7	
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**PATENT**  
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## ASSIGNMENT

**WHEREAS**, we, John D. Panelli, Sesh Jalagam and Alan Kin Chung Leung have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **MAINTAINING AND USING USER-CREATED MAPPING HISTORY FOR NETWORK RESOURCE MAPPING**, the specification of which:

☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☐ was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;

☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, EMC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

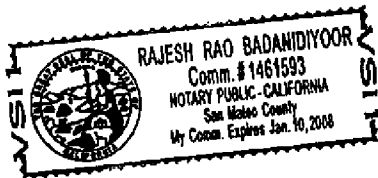
**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Santa Clara } ss.On 15th Dec 2006 before me, Rajesh Rao Badanidiyoor, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared John David Panelli  
Name(s) of Signer(s)☐ personally known to me  
☒ proved to me on the basis of satisfactory evidenceto 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.

Rajesh Rao Badanidiyoor  
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.

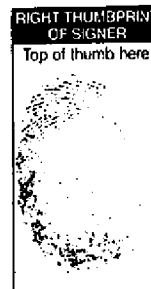
**Description of Attached Document**Title or Type of Document: Patent/Joint Assignment - EMO-06-515Document Date: 12/15/2006 Number of Pages: 4

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**Signer's Name: John David Panelli

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

Signer Is Representing: \_\_\_\_\_



**PATENT**  
**REEL: 018829 FRAME: 0618**

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Santa Clara

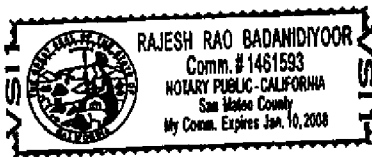
} ss.

On 15th Dec, 2006 before me, Rajesh Rao Badamidiyoor, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sesh Jalagam  
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.

Rajesh Rao Badamidiyoor  
Signature of Notary Public

**OPTIONAL**

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Document Date: 12/15/2006 Number of Pages: 4

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: Sesh Jalagam

☒ Individual

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

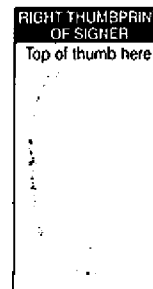
☐ Attorney-in-Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



Date: 12-15-06

Alan K. Chung  
Inventor's Signature

Print full name of third inventor: **Alan Kin Chung Leung**  
Residence: 41060 Rosewalk Court  
Fremont, CA 94539  
Citizenship: United States of America  
Mailing Address: Same as above

STATE/Commonwealth of california  
COUNTY OF santa clara

On this 15<sup>th</sup> day of December, 2006, then personally appeared before me the above-named Alan Kin Chung Leung known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) \_\_\_\_\_ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Rajesh Rao Badanidiyoor

Notary Public

Print Name: RAJESH RAO BADANIDIYOR

My Commission expires 01/10/2008

Pls see the attached CA - All purpose  
Acknowledgement.



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

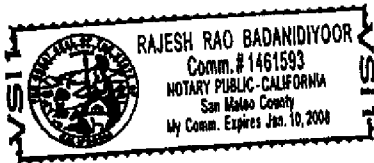
County of Santa Clara } ss.

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

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Name(s) of Signer(s)

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### Description of Attached Document

Title or Type of Document: Patent / Joint Assignment - EMC Docket No. EMC-06-505

Document Date: 12/15/2006 Number of Pages: -4-

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: Alan Kin Chung Leung

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

Signer Is Representing: \_\_\_\_\_

