

9-28-06

10-06-2006



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As

OVER SHEET

113255 U.S. PTO
11/540832



092806

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Mandavilli Navneeth Rao
 - b) Mayank Joshi
- 2. Name and address of receiving party(ies):
 - a) Name: EMC Corporation
 - b) Address: 176 South Street, Hopkinton, Massachusetts 01748

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: September 28, 2006

- 4. Application Number(s) or Patent Number(s): Not Assigned

The title of the (new) application is:

LINEAR SPACE ALLOCATION MECHANISMS IN DATA SPACE

- 5. Please send all correspondence concerning this (these) documents to:

**Customer No. 57,255
 Van Pelt, Yi & James LLP
 10050 N. Foothill Blvd,
 Suite 200
 Cupertino, CA 95014
 408-973-2585**

- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-0685 (Order No. EMCCP150)

- 8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: September 28, 2006

Laura Ing

Laura Ing
 Registration No. 56,859

10/04/2006 NAGUYENI 00000021 11540832
 04 FC:0021 40.00 UP

Attorney Docket No. EMCCP150

(Revised 01/96)

**PATENT
 REEL: 018369 FRAME: 0757**

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

LINEAR SPACE ALLOCATION MECHANISMS IN DATA SPACE

(Attorney Docket No. EMCCP150) for which I (we) have executed an application for a United States Letters Patent:

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to 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, Hopedkinton, Massachusetts 01748, the entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

Date: 09/26/2006
Amair

Mandavilli Navneeth Rao
Inventor's Signature

Print full name of first inventor:
Residence:
Citizenship:
Mailing Address:

Mandavilli Navneeth Rao
Mountain View, CA
India
6801 Koll Center Parkway
Pleasanton, CA 94566

STATE/~~COMMONWEALTH~~ OF California
COUNTY OF santa clara

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 28th day of September, 2006.

Rajesh R. Bhandari
Notary Public

Print Name: RAJESH RAO BHANDARI
My Commission expires 01/10/2008

Please see the attached
CA - All purpose Acknowledgment

Date: 09/28/2006

Mayank Joshi
Inventor's Signature

Print full name of second inventor: **Mayank Joshi**
Residence: **Santa Clara, CA**
Citizenship: **India**
Mailing Address: **6801 Koll Center Parkway
Pleasanton, CA 94566**

STATE/~~COMMONWEALTH~~ OF California
COUNTY OF santa clara

Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/~~she~~ executed the foregoing instrument as his/~~her~~ free act and deed this 28th day of September, 2006.

Rajesh RAO Badanidiyoor
Notary Public
Print Name: RAJESH RAO BADANIDIYOOR
My Commission expires 01/10/2008

Pls see the attached
CA - All purpose acknowledgment

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara } ss.

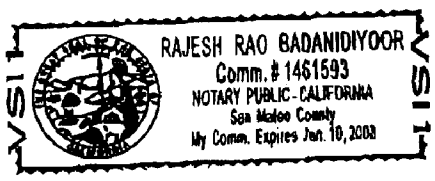
On Sept 28th, 2006 before me, RAJESH RAO BADANIDIYOR,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

Notary Public, CA

personally appeared Mandarilli Navneeth Rao
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/hor/their authorized capacity(ies), and that by his/hor/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 Badanidiyor
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: Declaration & POA for original US Patent Appln.

Document Date: 09/28/2006 Number of Pages: 5

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: Mandarilli Navneeth Rao

- 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

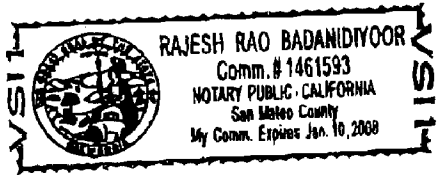
County of Santa Clara } ss.

On Sept 28th, 2006 before me, RAJESH RAO BADANIDIYOOR, NOTARY PUBLIC
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public") CA

personally appeared Mayank Joshi
Name(s) of Signer(s)

personally known to me
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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.

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- Guardian or Conservator
- Other: _____

Signer Is Representing: _____

