

ASSIGNMENT RECORDATION COVER SHEET -PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

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

- 1. Name of conveying party(ies)
 - a) Kiran Bachu
 - b) Bob Lyon
 - c) Srinivasan Ramachandran

- 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: 12/10/2004

- 4. Application Number(s) or Patent Number(s): 10/960,447

The title of the (new) application is:

BACKUP PROXY

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

Customer No. 21912
Van Pelt & Yi LLP
10050 N. Foothill Blvd,
Suite 200
Cupertino, CA 95014
408-973-2585

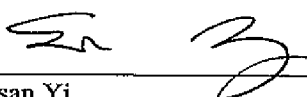
- 6. Total number of applications and patents involved: 1

- 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. LEGAP031)

- 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: Jan. 11, 2005



 Susan Yi
 Registration No. 39,883

Attorney Docket No. LEGAP031

(Revised 01/96)

PATENT

700144973

REEL: 015582 FRAME: 0743

CH \$40.00 500685 10960447

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:

BACKUP PROXY

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on October 6, 2004, and which bears the Application No. 10/960,447, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

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, Hopkinton, 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: 12/10/04

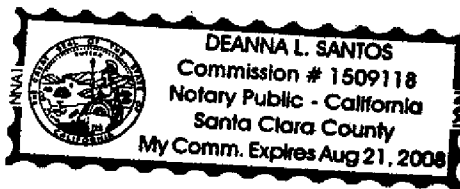
Kiran Bachu
Inventor's Signature

Print full name of first inventor: **Kiran Bachu**
Residence: Sunnyvale
Citizenship: India
Mailing Address: 2350 West El Camino Real
Mountain View, CA 94040

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 10 day of December, 2004.

Deanna L. Santos
Notary Public
Print Name: Deanna L. Santos
My Commission expires 8 / 21 / 08



Date: DEC 10, 2004

Albert B. Lyon
Inventor's Signature

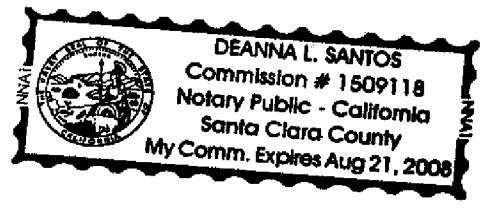
Print full name of first inventor: **Bob Lyon**
Residence: Palo Alto
Citizenship: United States
Mailing Address: 2350 West El Camino Real
Mountain View, CA 94040

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 10 day of DECEMBER, 2004.

Deanna J. Santos
Notary Public

Print Name: Deanna L. Santos
My Commission expires 8/21/08



Date:

12/10/04

R.S.

Inventor's Signature

Print full name of first inventor:

Srinivasan Ramachandran

Residence:

Palo Alto

Citizenship:

India

Mailing Address:

2350 West El Camino Real

Mountain View, CA 94040

STATE/Commonwealth OF California

COUNTY OF Santa Clara

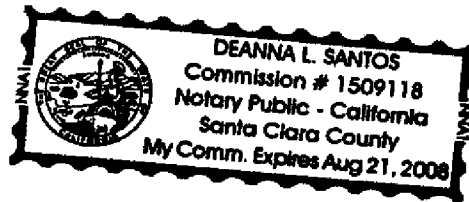
Then personally appeared before me the above-named Inventor's Signature and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 10 day of December, 2004.

Deanna L. Santos

Notary Public

Print Name: Deanna L. Santos

My Commission expires 8/21/08



Atty Dkt. No. LEGAP031

RECORDED: 01/11/2005

PATENT
REEL: 015582 FRAME: 0747