

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James T. Compton</td> <td>09/27/2005</td> </tr> <tr> <td>Surrendranath R. Dookhan</td> <td>09/28/2005</td> </tr> <tr> <td>Stephen A. Fridella</td> <td>09/28/2005</td> </tr> <tr> <td>Uday K. Gupta</td> <td>09/30/2005</td> </tr> <tr> <td>Nikolay Popov</td> <td>09/28/2005</td> </tr> </tbody> </table>		Name	Execution Date	James T. Compton	09/27/2005	Surrendranath R. Dookhan	09/28/2005	Stephen A. Fridella	09/28/2005	Uday K. Gupta	09/30/2005	Nikolay Popov	09/28/2005
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Uday K. Gupta	09/30/2005												
Nikolay Popov	09/28/2005												
RECEIVING PARTY DATA													
Name:	EMC Corporation												
Street Address:	176 South Street												
City:	Hopkinton												
State/Country:	MASSACHUSETTS												
Postal Code:	01748												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11241132</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11241132								
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CORRESPONDENCE DATA													
Fax Number:	(978)264-9119												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	9782644001												
Email:	cmahoney@smmalaw.com												
Correspondent Name:	Lindsay G. McGuinness												
Address Line 1:	125 Nagog Park												
Address Line 2:	McGuinness & Manaras LLP												
Address Line 4:	Acton, MASSACHUSETTS 01720												
ATTORNEY DOCKET NUMBER:	130-051												
NAME OF SUBMITTER:	Lindsay G. McGuinness												

CH \$40.00 11241132

Total Attachments: 7

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ASSIGNMENT

WHEREAS, we, James T. Compton, Surrendranath R. Dookhan, Stephen A. Fridella, Uday K. Gupta, Nikolay Popov, and Stephen Rago, 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 **Apparatus and Method for Building a File System Index**, 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 9/30/2005 as U.S. Application No. 11/241132;
- 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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for me and my 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 successors, assigns and legal representatives, but at its or their expense and charges, including the execution

of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Date:


Inventor's Signature

Print full name of first inventor:

James T. Compton

Residence:

2215 West Club Blvd., Durham, NC 27705

Citizenship:

Mailing Address:

2215 West Club Blvd., Durham, NC 27705

STATE/Commonwealth of
COUNTY OF

NORTH CAROLINA
DURHAM

On this 27TH day of SEPTEMBER, 2004, then personally appeared before me the above-named JAMES T. COMPTON 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.


Notary Public

Print Name: JULIE L. OSTERMEYER

My Commission expires 02/09/2008

Date:



Inventor's Signature

Print full name of joint inventor:

Surrendranath R. Dookhan

Residence:

7 Birch Street, Franklin, MA 02038

Citizenship:

Trinidad & Tobago

Mailing Address:

7 Birch Street, Franklin, MA 02038

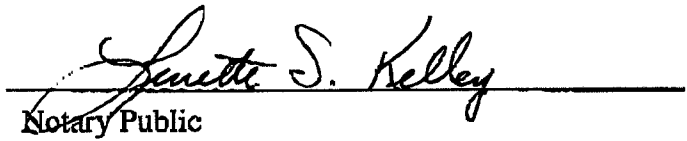
STATE/COMMONWEALTH OF

Massachusetts

COUNTY OF

Worcester

On this 28th day of September, 2005, then personally appeared before me the above-named Surrendranath R. Dookhan 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.


Notary Public

Print Name: Linette S. Kelley

My Commission expires 05/05/2011



LINETTE S. KELLEY
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 5, 2011

Date:

Stephen A. Fridella
Inventor's Signature

Print full name of joint inventor:

Stephen A. Fridella

Residence:

50 Slade Street, Belmont, MA 02478

Citizenship:

United States

Mailing Address:

50 Slade Street, Belmont, MA 02478

STATE/Commonwealth OF

Massachusetts

COUNTY OF

Worcester

On this 28th day of September, 2005, then personally appeared before me the above-named Stephen A. Fridella 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.

Linette S. Kelley
Notary Public

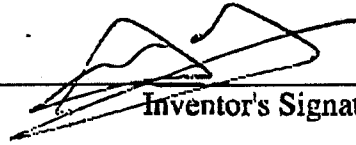
Print Name: Linette S. Kelley

My Commission expires 05/05/2011



LINETTE S. KELLEY
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 5, 2011

Date:



Inventor's Signature

Print full name of joint inventor:

Uday K. Gupta

Residence:

5 Indigo Lane, Westford, MA 01886

Citizenship:

United States

Mailing Address:

5 Indigo Lane, Westford, MA 01886

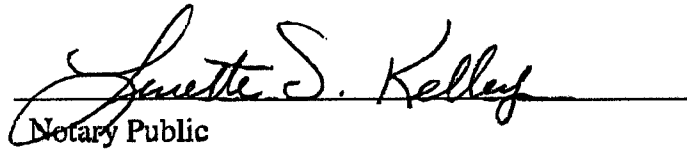
STATE/Commonwealth of

Massachusetts

COUNTY OF

Worcester

On this 30th day of September, 2005, then personally appeared before me the above-named Uday K. Gupta 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.



Notary Public

Print Name: Linette S. Kelley

My Commission expires 05/05/2011



LINETTE S. KELLEY
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 5, 2011

Date:

N. Popov
Inventor's Signature

Print full name of joint inventor: **Nikolay Popov**
Residence: 9 Meadowview Road, Wayland, MA 01778
Citizenship: United States
Mailing Address: 9 Meadowview Road, Wayland, MA 01778

STATE/Commonwealth of Massachusetts
COUNTY OF Worcester

On this 28th day of September, 2005, then personally appeared before me the above-named Nikolay Popov 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.

Liuette S. Kelley
Notary Public

Print Name: Liuette S. Kelley
My Commission expires 05/05/2005

PATENT/Sole Assignment
Attorney Docket No.: 130-051
EMC Docket No.: EMC-05-230-

Date: 9/28/05

Stephen A. Rago
Inventor's Signature

Print full name of joint inventor:

Stephen A. Rago

Residence:

9 Kathy Ln, Warren, NJ 07059

Citizenship:

USA

Mailing Address:

9 Kathy Ln, Warren, NJ 07059

STATE/Commonwealth of _____
COUNTY OF _____

On this 28TH day of SEPTEMBER, 2004⁵, then personally appeared before me the above-named S. A. RAGO 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.

Deborah A. Izzo
Notary Public

Print Name: _____

My Commission expires ___/___/___

DEBORAH A. IZZO
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 4/25/2007