

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>Scott Forrest Bingham</td> <td>09/27/2006</td> </tr> <tr> <td>Upanshu Singhal</td> <td>09/27/2006</td> </tr> <tr> <td>Matthew D. Buchman</td> <td>09/27/2006</td> </tr> <tr> <td>Patrick M. Simonich</td> <td>09/27/2006</td> </tr> </tbody> </table> | | Name | Execution Date | Scott Forrest Bingham | 09/27/2006 | Upanshu Singhal | 09/27/2006 | Matthew D. Buchman | 09/27/2006 | Patrick M. Simonich | 09/27/2006 |
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| Scott Forrest Bingham | 09/27/2006 | | | | | | | | | | |
| Upanshu Singhal | 09/27/2006 | | | | | | | | | | |
| Matthew D. Buchman | 09/27/2006 | | | | | | | | | | |
| Patrick M. Simonich | 09/27/2006 | | | | | | | | | | |
| 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>11536141</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11536141 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11536141 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 801-533-9800 | | | | | | | | | | |
| Email: | sjones@wnlaw.com | | | | | | | | | | |
| Correspondent Name: | Workman Nydegger | | | | | | | | | | |
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| Address Line 2: | 1000 Eagle Gate Tower | | | | | | | | | | |
| Address Line 4: | Salt Lake City, UTAH 84111 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 16192.45 | | | | | | | | | | |
| NAME OF SUBMITTER: | Sara D. Jones | | | | | | | | | | |

OP \$40.00 11536141

Total Attachments: 5

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Docket No: 16192.45

WHEN RECORDED AT U.S.PATENT & TRADEMARK
OFFICE, RETURN TO:
R. Burns Israelsen
Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

I/We the undersigned, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled ROTATION POLICY FOR SAN COPY SESSIONS FOR ISB PROTOCOL SYSTEMS.

Preferred embodiments of said invention are disclosed in a United States patent application filed in the United States Patent and Trademark Office as:

Serial No. _____

on the date of _____.

(I hereby authorize the attorneys of Workman Nydegger to insert said serial number and filing date when known.)

The Assignee, EMC Corporation, a corporation of the state of Massachusetts, having a principal place of business at 176 South Street, Hopkinton, Massachusetts 01748, desires to secure the entire right, title and interest in said application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States.

The right to claim the benefit of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all patents on said application to the Assignee as the owner of the

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entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

Scott Forrest Bingham
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature *Scott Forrest Bingham*

Date 27 Sept 06

STATE OF WA)
) : ss.
COUNTY OF King)

On 9/27, 2006, before me personally appeared Scott Forrest Bingham, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that they have read the same and know the contents thereof and executed the same as their free act and deed and for the purposes set forth therein.

Michael B. B...
NOTARY PUBLIC
STATE OF WASHINGTON
APR 09, 2009
NOTARY PUBLIC
Residing at Beaver

My Commission Expires:
4/9/09

Docket No: 16192.45

Inventor 2

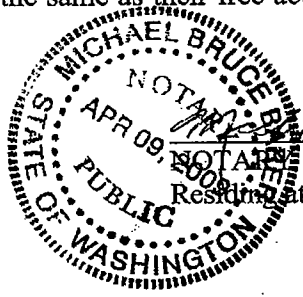
| | | |
|--------------|--------------------------|-----------------------|
| Upanshu | | Singhal |
| (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | FAMILY (OR LAST NAME) |

Inventor's signature *Upanshu Singhal*

Date 09/27/06

STATE OF WA)
 : ss.
 COUNTY OF King)

On 9/27, 2006, before me personally appeared Upanshu Singhal, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that they have read the same and know the contents thereof and executed the same as their free act and deed and for the purposes set forth therein.



Michael Bruce B...
 Notary Public
 Residing at Bellevue

My Commission Expires: 4/9/09

Docket No: 16192.45

Inventor 3

Matthew D. Buchman
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature *[Handwritten Signature]*

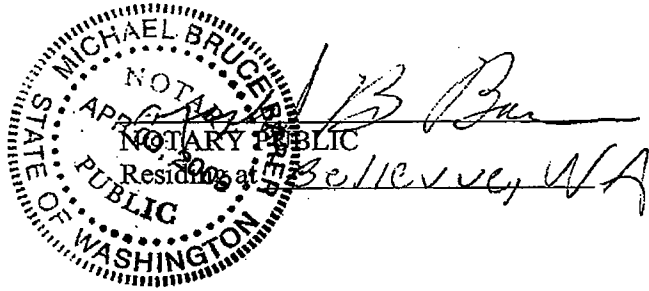
Date 9/27/2006

STATE OF WA)

: ss.

COUNTY OF King)

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My Commission Expires: 4/9/09

Docket No: 16192.45

Patrick M. Simonich
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Signature: Patrick M Simonich

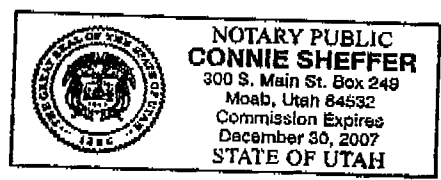
Date: 9/27/2006

STATE OF Utah)
COUNTY OF Grand)
: ss.

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Connie Sheffer
NOTARY PUBLIC
Residing at Moab, UT

My Commission Expires:
12/30/07



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