

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen Perrin	01/30/2007
Manoj Nair	03/05/2007
Iva Blazina Vukelja	03/20/2007
John Philip Bell II	03/01/2007
Alex Rankov	02/05/2007

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:	11692058

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 16192.65

NAME OF SUBMITTER: Carl T. Reed

OP \$40.00 11692058

PATENT

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REEL: 019072 FRAME: 0527

**Total Attachments: 6**

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**PATENT**

**REEL: 019072 FRAME: 0528**

RETURN TO:

R. Burns Israelsen  
Workman Nydegger  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

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ASSIGNMENT

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We the undersigned, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled ORCHESTRATING INDEXING

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.: 11/692,058  
on the date of: March 27, 2007

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 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.

Full name of sole or first inventor

<u>Stephen</u>		<u>Perrin</u>
<small>(GIVEN NAME)</small>	<small>(MIDDLE INITIAL OR NAME)</small>	<small>FAMILY (OR LAST NAME)</small>
Inventor's signature <u>SRP</u>		
Date <u>1/30/2007</u>	Country of Citizenship <u>United States</u>	
Address <u>c/o EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748</u>		

Full name of second inventor, if any

<u>Manoj</u>		<u>Nair</u>
<small>(GIVEN NAME)</small>	<small>(MIDDLE INITIAL OR NAME)</small>	<small>FAMILY (OR LAST NAME)</small>
Inventor's signature _____		
Date _____	Country of Citizenship <u>India</u>	
Address <u>c/o EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748</u>		

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 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:

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

Full name of sole or first inventor

Stephen Perrin  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship United States

Address c/o EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748

Full name of second inventor, if any

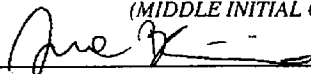
Manoj Nair  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature Manoj \_\_\_\_\_

Date 3/5/07 Country of Citizenship India

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Full name of third inventor, if any

Iva Blazina Vukelja  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature   
Date 3/20/2007 Country of Citizenship Croatia  
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Full name of fourth inventor, if any

John Philip Bell II  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
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Full name of fifth inventor, if any

Alex Rankov  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature \_\_\_\_\_  
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Full name of third inventor, if any

Iva Blazina Vukelja  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Croatia

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Full name of fourth inventor, if any

John Philip Bell II  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

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Full name of fifth inventor, if any

Alex Rankov  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

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Full name of third inventor, if any

Iva Blazina Vukelja  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

Date \_\_\_\_\_ Country of Citizenship Croatia

Address c/o EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748

Full name of fourth inventor, if any

John Philip Bell II  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature \_\_\_\_\_

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Address c/o EMC Corporation, 176 South Street, Hopkinton, Massachusetts 01748

Full name of fifth inventor, if any

Alex \_\_\_\_\_ Rankov  
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature 

Date 2/5/07 Country of Citizenship United States

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