PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Additional inventors to be added. previously recorded on Reel 018758 Frame 0482. Assignor(s) hereby confirms the Assignment of Assignors interest

CONVEYING PARTY DATA

Name	Execution Date
Manoj Nair	12/15/2006
Stephen R. Perrin	12/14/2006
Iva Blazina Vukelja	12/15/2006
John Philip Bell II	12/15/2006
Alex Rankov	01/01/2007

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:	11528790

CORRESPONDENCE DATA

Fax Number: (801)328-1707

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: creed@wnlaw.com

Correspondent Name: Carl T. Reed

Address Line 1: 60 East South Temple Address Line 2: 1000 Eagle Gate Tower Salt Lake City, UTAH 84111 Address Line 4:

ATTORNEY DOCKET NUMBER: 16192.63.1

PATENT

REEL: 018905 FRAME: 0683

500225973

NAME OF SUBMITTER:	Carl T. Reed
Total Attachments: 10 source=16192-63-1-correct#page1.tif source=16192-63-1-correct#page2.tif source=16192-63-1-correct#page3.tif source=16192-63-1-correct#page4.tif source=16192-63-1-correct#page5.tif source=16192-63-1-correct#page6.tif source=16192-63-1-correct#page7.tif	
source=16192-63-1-correct#page8.tif source=16192-63-1-correct#page9.tif source=16192-63-1-correct#page10.tif	

PATENT REEL: 018905 FRAME: 0684

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

01/15/2007 500207349

		ent margine entered	
SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE	Ξ:	ASSIGNMENT	
CONVEYING PARTY DATA			
	N	lame	Execution Date
Manoj Nair			12/15/2006
RECEIVING PARTY DATA	i vinadi		
Name: EMC	Corporation		
Street Address: 176 S	South Street		
City: Hopki	inton		
State/Country: MASS	SACHUSETTS		
Postal Code: 01748	8	***************************************	
PROPERTY NUMBERS Total	al: 1		
Property Type		Number	
Application Number:	11528	790	
CORRESPONDENCE DATA	· · · · · · · · · · · · · · · · · · ·		
Fax Number: ((801)328-1707		
l '	-	hen the fax attempt is unsuccessful.	
	801-533-9800		ē
	creed@wnlaw. Carl T. Reed	com	
	60 East South	Temple	
	1000 Eagle Ga	•	
Address Line 4:	Salt Lake City,	UTAH 84111	
ATTORNEY DOCKET NUMB	BER:	16192.63.1	
NAME OF SUBMITTER:		Carl T. Reed	
Total Attachments: 6 source=16192-63-1-assignme source=16192-63-1-assignme source=16192-63-1-assignme	ent#page2.tif		

PATENT

REEL: 018905 FRAME: 0685

source=16192-63-1-assignment#page4.tif source=16192-63-1-assignment#page5.tif source=16192-63-1-assignment#page6.tif		
source=16192-63-1-assignment#page6.tif	··· •	
1.2.2.2.	· 中国建立。	
		

PATENT REEL: 018905 FRAME: 0686 WHEN RECORDED AT U.S.PATENT & TRADEMARK OFFICE

PATENT APPLICATION Docket No: 16192.63.1

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

ASSIGNMENT

We the undersigned, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled SERVICE LEVEL MAPPING METHOD.

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.:

11/528,790,

on the date of

September 27, 2006

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.

Page 1 of 3

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.

Manoj		Nair
GIVEN NAME) Inventor's signature	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Date <u>/2/15/201</u>	,	India
Address c/o EMC (Corporation, 176 South Street, Hopkinton,	Massachusetts 01748
Full name of second i	inventor, if any	
	inventor, if any	Perrin
Full name of second i	inventor, if any (MIDDLE INITIAL OR NAME)	Perrin FAMILY (OR LAST NAME)
Full name of second i		
Full name of second i Stephen GIVEN NAME)		FAMILY (OR LAST NAME)

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 in	ventor	
Manoj		Nair
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	India
Address <u>c/o EMC Corpo</u>	ration, 176 South Street, Hopkinton,	Massachusetts 01748
Full name of second inventor	or, if any C	D
(GIVEN NAME)	(MILION NAME)	Perrin FAMILY (OR LAST NAME)
Inventor's signature	1RK-	
Date 12/14/06	Country of Citizenship	United States
Address <u>c/o EMC Corpor</u>	ration, 176 South Street, Hopkinton,	Massachuseits 01748

Page 2 of 3

Full name of third inventor, if a	ity .	
Iva	Blazina	Vukelja
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		· · · · · · · · · · · · · · · · · · ·
Date 12 /5 06	Country of Citizenship	Croatia
Address <u>c/o EMC Corporatio</u>	n 176 South Street Honkinton	. Massachusetts 01748
Address Go Live Corporation		111200000000000000000000000000000000000
Full name of fourth inventor, if	any	
John	Phillip	Bell II
(GIVEN NAMÉ)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	United States
Address <u>c/o EMC Corporatio</u>		
riddioss <u>0,0 Ento corporato</u>		
Full name of fifth inventor, if an	цу	
Full name of fifth inventor, if an	у	Rankov
Alex	(MIDDLE INITIAL OR NAME)	Rankov FAMILY (OR LAST NAME)
·		
Alex (GIYEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)

W:\16192\63.1\DFW0000019974V001.DOC

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 <u>c/o EMC Corpor</u>	ation, 176 South Street, Hopkinton	, Massachusetts 01748
Full name of fourth inventor	r, if any	
John	Philip	Bell II
(GIYEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	John While hell	1
Date 15 DEC 20	O 6 Country of Citizenship	United States
Address <u>c/o EMC Corpor</u>	ation, 176 South Street, Hopkinton	, Massachusetts 01748
_	Te.	
Full name of fifth inventor, i	f any	
Alex		Rankov
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	United States
Address <u>c/o EMC Corpor</u>	ation, 176 South Street, Hopkinton	, Massachusetts 01748

W:\16192\63.1\DFW0000019974V001.DOC

	if any	
Iva	Blazina	Vukelja
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME,
Date	Country of Citizenship _	Croatia
Address <u>c/o EMC Corpor</u>	ration, 176 South Street, Hopkinton,	Massachusetts 01748
	·	
Full name of fourth inventor	, if any	
John	Phillip	Bell II
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature		
Date	Country of Citizenship	United States
Address _ c/o EMC Corpor	ation, 176 South Street, Hopkinton,	Massachusetts 01748
	•	
Full name of fifth inventor, i	f anv	
Alex	•	Rankov
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Inventor's signature	leghupo	
Date _///07	Country of Citizenship	United States

Page 3 of 3

W:\16192\63.1\DFW0000019974V001.DOC