503292973 05/05/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELANGO CHOCKALINGAM	04/17/2015
NIKHIL AMBASTHA	04/17/2015
VEDAVATHI HT	04/17/2015
MANJESH VENKATANARAYANA CHIKKANAYAKANAHALLY	04/17/2015
KRISHNENDU BAGCHI	04/17/2015

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:	14317328

CORRESPONDENCE DATA

Fax Number: (415)705-6383

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4157056377

Email: rking@dergnoah.com
Correspondent Name: TODD A. NOAH

Address Line 1: THREE EMBARCADERO CENTER, SUITE 410

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

 ATTORNEY DOCKET NUMBER:
 965-13-0304

 NAME OF SUBMITTER:
 TODD A. NOAH

 SIGNATURE:
 /Todd A. Noah/

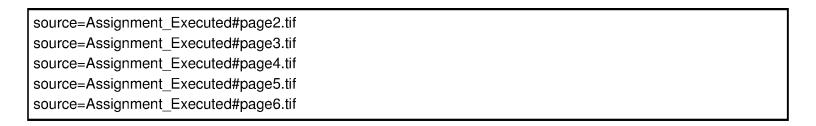
 DATE SIGNED:
 05/05/2015

Total Attachments: 6

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PATENT REEL: 035565 FRAME: 0943

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PATENT REEL: 035565 FRAME: 0944

Attorney Docket No.: 965-13-0304 EMC Docket No.: EMC-13-0304

ASSIGNMENT

WHEREAS, we, Elango Chockalingam, Nikhil Ambastha, Vedavathi Ht, Manjesh Venkatanarayana Chikkanayakanahally and Krishnendu Baghi 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 FEDERATED RESTORES OF AVAILABILITY GROUPS, the specification of which:

[]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[X]	was filed on June 27, 2014 as U.S. Application No. 14/317,328;
[]	was patented under U.S. Patent Noon

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, we 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 us had this assignment and sale not been made; we 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. We 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, we hereby further agree for ourselves and our 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

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giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we 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, we have	e hereunto sef our hands and affixed our seals as
	set forth below:	V
	Date: 17th Rpn 2018	By: Sway
	·	Inventor's Signature
	Print full name of first inventor:	Elango Chockalingam
	Residence:	#14, 7 th C, Cross, Kallappa Layout Doddanekundi, Marathalli
	Citizenship:	Bangalore, India 560037 India
	Mailing Address:	Same as above
	I YAGNAVALKYA CH	(name) whose residential address is
HAT#602,	SRIKARA VAAKA -APARTMENTS, GREEN	HOUSE LAYOUT, DODDATHOGUE, BAMGALORE
	was personally present and did see ELANGO	
	the assignment) who is personally known to me	, execute the above assignment.
	Martha (s	
	Signed at BANGALORE (lo	ocation of witness signature)
	on this 17 day of APRIL 2015 (d	ate of signature)
	1 Soumen Achange	
	(01, Amiska Paradise,	hahaderpun, Blone - 48
was personally present and did see ELANGS CHORALING		3
	the assignment) who is personally known to me, execute the above assignment.	
	Sommen Acharya (s	ignature of first witness)
	Soemen Acharya (s Signed at Bangalore (le	ocation of witness signature)
	on this 17 day of April 2011 (d	ate of signature)

Attorney Docket No.: 965-13-0269 0304 EMC Docket No.: EMC-13-0269 0304

	Date: 1789 April 24	By: Nikhil Award Triventor's Signature
	Print full name of second inventor:	Nikhil Ambastha
	Residence:	Flat No. B3, 3 rd floor, Block 2, Samhita Orchid Byrasandra Road, Near CV Raman Nagar Bus Stand
	Citizenship:	Bangalore, India 560093 India
	Mailing Address:	Same as above
	1 YAGNAVAUKYA CH	(name) whose residential address is 1 House Layout, DODDATHOGUR, BANGAWKE
一年4602,	SPIKARA VAACA APARTMENTS, GREEN	1 HOUSE LAYOUT, DODDATHOGUR, BANGALORE
	was personally present and did see NIKHIL	AMBASTHA (name of person signing
	, execute the above assignment.	
	ejztys. (si	<u> </u>
	Signed at BANGALORE (Ic	
	on this 17 day of April 2015 (day	
	2013	no of signature)
	1 Soumen Ar Layla	(name) whose residential address is
	104 Amsike Paradia	Marhaderson Blow-48
	was personally present and did see Wikhil	Ambortha (name of person signing
	the assignment) who is personally known to me,	
	Course the charge (si	gnature of first witness)
	Signed at Dangelove (lo	ocation of witness signature)
	on this 17 day of April 2015 (da	ate of signature)

Attorney Docket No.: 965-13-0269 0304 EMC Docket No.: EMC-13-0269 0304

Date: 7 th April 2018	By: Inventor's Signature
Print full name of third inventor:	Vedavathi Ht
Residence:	#5, 5 th cross, JM. Lane, Balepet Bangalore, India 560053
Citizenship:	India
Mailing Address:	Same as above
I YAGNALAKYA CH FLATHGOZ, SRIKARA VANSA APARTMENTS, GREE	(name) whose residential address is
was personally present and did see VE DAVA	
the assignment) who is personally known to me,	
2/27 (si	_
Signed at BANGALORF (lo	ocation of witness signature)
on this 17 day of APRIL 2015 (day	ate of signature)
1_ Councer Achaya	(name) whose residential address is
101, Ambika Paradice, Ma	hadapun, Blose -48
was personally present and did see _VEDAV	
the assignment) who is personally known to me,	execute the above assignment.
Soumen Achareya (si	gnature of first witness)
Signed at Bangalore (lo	ocation of witness signature)
on this 12 day of April 2015 (day	ate of signature)

Attorney Docket No.: 965-13-0269 0304 EMC Docket No.: EMC-13-0269 0304

	Date: 17-04-2015	By:Inventor Signature
	Print full name of fourth inventor:	Manjesh Venkatanarayana
	Residence:	Chikkanayakanahally B202, Orchid Park, Seegehally
		Kannamanagala Post
		Bangalore, India 560067
	Citizenship:	India
	Mailing Address:	Same as above
	1 YAYNAVALKYA CH	_ (name) whose residential address is
PLATH GOL,	I YAGNAVALKYA CH (name) whose residential address is SRIKARA VARSA APARTMENTS, FREEN HOUSE LAPOUT, DODOATHWEUR, BANGALORE	
	was personally present and did see NANJECH (name of person signing	
	the assignment) who is personally known to me	
	eyytys." (s	
	Signed at RANHALORE (1) on this 17 day of APRIL 2015 (c)	ocation of witness signature)
	on this 17 day of APRIL 2015 (c	date of signature)
	1 Soumen Acharya	(name) whose residential address is Mahadepwa, Blone-48 Yesh (name of person signing
	101, Ambika Panadik,	Mahadepura, Blone-48
	was personally present and did see	(name of person signing
	the assignment) who is personally known to me	e, execute the above assignment.
	Signed at Dangalow (1	signature of first witness)
	Signed at Dangalow (1	ocation of witness signature)
	on this 17 day of $Apn'/2015$	date of signature)

Attorney Docket No.: 965-13-0269 0304 EMC Docket No.: EMC-13-0269 0304

	Date: 17/04/15.	By: Inventor's Signature
	Print full name of fifth inventor:	Krishnendu Bagchi
	Residence:	Flat #219 Vijayasri Golden Orchid
		Devarabisanahalli
		Bangalore, India 560103
	Citizenship:	India
	Mailing Address:	Same as above
	I YAGNAVALKYA CH	(name) whose residential address is GREEN HOUSE LATOUT, DODDATHOGUE, BONGALORS
TAT# 600	SRIKARA WAASA APARTMENTS	GREEN HOUS LATOUT, DODDATHOUSE, BANGALORS
u	was personally present and did see _krushnia	ENDU BACHT (name of person signing
	the assignment) who is personally known to me	
	Signed at BANGALORE (16	ocation of witness signature)
	on this 17 day of APRIL 20 15 (d	
	1 Soamen Achang	(name) whose residential address is 1 a hader y me, Blose - 48 nendu Baghi (name of person signing
	101, Ambika paradise, A	rahader June, Blose-48
	was personally present and did see Krish	nendu Baghi (name of person signing
	the assignment) who is personally known to me	e, execute the above assignment.
	Country Acharge (s	ignature of first witness)
	Signed at Bangalone (le on this 17 day of April 2015 (d	ocation of witness signature)
	on this 17 day of April 2015 (d	ate of signature)