

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANJESH VENKATANARAYANA CHIKKANAYAKANAHALLY	04/10/2015
SUNIL YADAV	04/10/2015
ANUPAM CHAKRABORTY	04/10/2015
NIKHIL AMBASTHA	04/10/2015
ELANGO CHOCKALINGAM	04/10/2015
AMARENDRA BEHERA	04/10/2015
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:	14673317
CORRESPONDENCE DATA	
Fax Number:	(415)386-4342
<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	EMC-14-0678 (EM1.46U)
NAME OF SUBMITTER:	GEOFFREY T. STANIFORD
SIGNATURE:	/GEOFFREY T. STANIFORD/
DATE SIGNED:	04/13/2015
Total Attachments: 8	

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ASSIGNMENT

WHEREAS, we, Manjesh Venkatanarayana Chikkanayakanahally, Sunil Yadav, Anupam Chakraborty, Nikhil Ambastha, Elango Chockalingam and Amarendra Behera 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 DESIGNATING BACKUP NODES AND BACKING UP IN PARALLEL IN A HIGH-AVAILABILITY ENVIRONMENT (Application), 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 March 30, 2015 as U.S. Application No. 14/673,317;

☐ 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, 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 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;

AND, we hereby authorize our attorneys, EMC Corporation, to insert here in parentheses (_____) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: 10 - APR - 2015



Inventor's Signature

Print full name of first inventor:

Manjesh Venkatanarayana Chikkanayakanahally

Residence:

Flat No. B202, Orchid Park, Seegehally

Whitefield-Hoskote Road

Bangalore, Karnataka 560067, India

Citizenship:

India

Mailing Address:

Same as above

I SHUBHASHISHI (name) whose residential address is K R PURAM was personally present and did see Manjesh (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at BANGALORE (location of witness signature)

on this day 10 April of 2015 (date of signature)

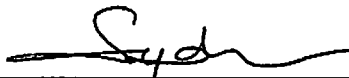
I RINTU KUMAR (name) whose residential address is Bellandur was personally present and did see Manjesh (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015 (date of signature)

Date: 10/04/2015



Inventor's Signature

Sunil Yadav

Print full name of second inventor:

Residence:

Flat No. T34, Mahaveer Verna
Kannamangala, Whitefield-Hoskote Road
Bangalore 560067, India

Citizenship:

India

Mailing Address:

Same as above

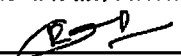
I SHUBHASHISH (name) whose residential address is K R PURAM was personally present and did see A Sunil (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015 (date of signature)

I RINTU KUMAR (name) whose residential address is Bellandur was personally present and did see Shubhash Sunil (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10th April of 2015 (date of signature)

Date: 10/04/2015

Anupam Chakraborty

Inventor's Signature

Print full name of third inventor:

Anupam Chakraborty

Residence:

Q-801, Purva Fountain Square
Marathahalli, Bangalore 560037, India

Citizenship:

India

Mailing Address:

Same as above

I Shubhashini (name) whose residential address is K R Puram was personally present and did see Anupam (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015 (date of signature)

I RINTU KUMAR (name) whose residential address is Bellamur was personally present and did see Anupam (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10th April of 2015 (date of signature)

PATENT/Joint Assignment
EMC Docket No.: EMC-14-0678

Date:

10/04/2015



Inventor's Signature

Nikhil Ambastha

Print full name of forth inventor:

Residence:

Flat No. B3, 3rd Floor, Block 2, Samhita Orchid
Near CV Raman Nagar Bust Stand
Bangalore 560093, India

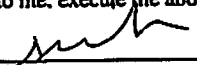
Citizenship:

India

Mailing Address:

Same as above

I Shubhashini (name) whose residential address is K R Kuram was personally present and did see Nikhil (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015 (date of signature)

I RINTU KUMAR (name) whose residential address is Bellandur was personally present and did see Nikhil (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10th April of 2015 (date of signature)

Date:

04/10/2015

Inventor's Signature

Elango Chockalingam

Print full name of fifth inventor:

Residence:

#14, 7th C, Cross, Kallappa Layout

Basava Nagar, Bangalore 560037, India

Citizenship:

India

Mailing Address:

Same as above

I Shubhashin (name) whose residential address is K R Puram was personally present and did see Elango (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015. (date of signature)

I RINTU KUMAR (name) whose residential address is Bellandur was personally present and did see Elango (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10th April of 2015. (date of signature)

Date:

10/04/2015



Inventor's Signature

Print full name of sixth inventor:

Amarendra Behera

Residence:

#101, Venkateswara Smart Homes
Reghurama Reddy Layout
Doddanekundi, Bangalore 560037, India

Citizenship:

India

Mailing Address:

Same as above

I Shubhashini (name) whose residential address is K R Puram was personally present and did see Amarendra (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 10 April of 2015. (date of signature)

I RINTU KUMAR (name) whose residential address is Bellandur was personally present and did see Amarendra (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 10th April of 2015 (date of signature)