

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4653761

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELANGO CHOCKALINGAM	06/13/2017
GAJENDRAN RAGHUNATHAN	06/13/2017
YASHOMATHI KRISHNAMURTHY	06/14/2017
ARATHI BHANDARI	06/13/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMC IP HOLDING COMPANY LLC
<b>Street Address:</b>	176 SOUTH STREET
<b>City:</b>	HOPKINTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01748
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15613950
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	(415) 705-6377
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<b>Correspondent Name:</b>	DERGOSITS & NOAH LLP
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<b>Address Line 2:</b>	SUITE 350
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	965-16-0704
<b>NAME OF SUBMITTER:</b>	AIMEE MAJDOUB
<b>SIGNATURE:</b>	/Aimee Majdoub/
<b>DATE SIGNED:</b>	10/23/2017
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 043927 FRAME: 0849**

ASSIGNMENT

WHEREAS, we, Elango Chockalingam, Gajendran Raghunathan, Yashomathi Krishnamurthy and Arathi Bhandari 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 BACKING UP AVAILABILITY GROUP DATABASES CONFIGURED ON MULTI-NODE VIRTUAL SERVERS, 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 June 5, 2017 as U.S. Application No. 15/613,950;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Delaware 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.

Date:

13/6/2017

[Signature]  
Inventor's Signature

**Elango Chockalingam**

Print full name of first inventor:

Residence:

14, 7<sup>th</sup> C Cross, Kalappa layout, Basava Nagar  
Bangalore, Karnataka, 560037, India

Citizenship:

India

Mailing Address:

Same as above

I Anu Chokkavathi (name) whose residential address is #1165, 100' side road 97<sup>th</sup> blk, 2<sup>nd</sup> Ph, BSK 3<sup>rd</sup> stage, B.lore-85 was personally present and did see Elango Chockalingam (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 13<sup>th</sup> of June of 2017. (date of signature)

I Niketan Rakshak (name) whose residential address is MAB/4, ROAD FALTA, 5<sup>TH</sup> FLATERS, BTM 2<sup>ND</sup> STAGE, Bangalore-18 was personally present and did see ELANGO CHOCKALINGAM (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 13<sup>th</sup> of June of 2017. (date of signature)

Date: 13 June 2017

R. Gaj2

Inventor's Signature

Print full name of second inventor:

**Gajendran Raghunathan**

Residence:

No. 36, 3<sup>RD</sup> Main, NagappaReddy Layout,

Kaggadasapura, C V Raman Nagar Post

Bangalore, Karnataka 560093

Citizenship:

India

Mailing Address:

Same as above

I Arun Chakravarthy (name) whose residential address is #1165, 100' x 100' road, 17th block, 3rd Ph, BSK 3rd stage, Bangalore - 85 was personally present and did see Gajendran Raghunathan (name of person signing the assignment) who is personally known to me, execute the above assignment.

Arun (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 13<sup>th</sup> of June of 2017. (date of signature)

I Niketan Kalaskar (name) whose residential address is MF 8/9, BDA PLAT, 9TH STAGE, RTHM STAGE, BANGALORE - 48 was personally present and did see Gajendran Raghunathan (name of person signing the assignment) who is personally known to me, execute the above assignment.

Niketan (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 13<sup>th</sup> of June of 2017. (date of signature)

Date: 14<sup>th</sup> June 2017

Yashomathi T.K.  
Inventor's Signature

Print full name of third inventor:

**Yashomathi Krishnamurthy**

Residence:

007, SOHUM ISIRI, Borewell Road  
Nellurhalli Whitefield  
Bangalore, Karnataka 560093

Citizenship:

India

Mailing Address:

Same as above

I Anun Chakravarthy (name) whose residential address is #1165 100' ring road, 7<sup>th</sup> block, 3<sup>rd</sup> stage, B.lore - 85  
was personally present and did see Yashomathi Krishnamurthy (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 13<sup>th</sup> of June of 2017. (date of signature)

I Niketan Kalaskar (name) whose residential address is MPS/9 BDA PLAT SEHSQUINTER, BDA 2<sup>nd</sup> STAGE, Bangalore - 40  
was personally present and did see Yashomathi Krishnamurthy (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 13<sup>th</sup> June of 2017. (date of signature)

Date:

13/06/2017

Arathi  
Inventor's Signature

Print full name of fourth inventor:

**Arathi Bhandari**

Residence:

#16, 21st Cross, 24th Main, JP Nagar 5th Phase  
Bangalore, Karnataka 560078

Citizenship:

India

Mailing Address:

Same as above

I Arun Chakravarthy (name) whose residential address is  
#1165, 100'ring road, 7th Flk, 2nd Ph, BSK 3rd stage Blore - 85  
was personally present and did see Arathi Bhandari (name of person signing  
the assignment) who is personally known to me, execute the above assignment.

Arun (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 13<sup>th</sup> of June of 2017 (date of signature)

I Niketan Kalaskar (name) whose residential address is  
MPH/1 BDA FLAT, MPH WATERS, 2nd STAGE, BANGALORE - 48  
was personally present and did see Arathi Bhandari (name of person signing  
the assignment) who is personally known to me, execute the above assignment.

Niketan (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 13<sup>th</sup> of June of 2017 (date of signature)