

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5542040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUMAN C TOKURI	10/25/2017
SUNIL YADAV	10/18/2017
SOUMEN ACHARYA	10/25/2017
SUDHA V HEBSUR	10/25/2017
AADITYA R BANSAL	10/25/2017
RECEIVING PARTY DATA	
Name:	EMC IP HOLDING COMPANY LLC
Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15786881
CORRESPONDENCE DATA	
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Correspondent Name:	STANIFORD TOMITA LLP
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Address Line 4:	SAN FRANCISCO, CALIFORNIA 94159
ATTORNEY DOCKET NUMBER:	108776.01 (DL1.210U)
NAME OF SUBMITTER:	GEOFFREY T. STANIFORD
SIGNATURE:	/Geoffrey T. Staniford/
DATE SIGNED:	05/28/2019
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Suman C. Tokuri, Pradeep Anappa, Sunil Yadav, Soumen Acharya, Sudha V. Hebsur and Aaditya R. Bansal 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 SINGLE STEP MERGING OF A VIRTUAL HARD DISK CHAIN, 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 October 18, 2017 as U.S. Application No. 15/786,881;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State 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

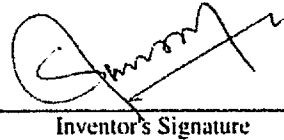
PATENT/Joint Assignment
Attorney Docket No.: DL1.210U
DELL Docket No.: 108776.01

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.

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

Date: 25.10.17



Inventor's Signature

Print full name of first inventor:

Suman C. Tokuri

Residence:

Flat No. 104 Varshita Paradise
1st Main 4th Cross Papiah Layo
Ashirwad Colony Horamavu
Bangalore, Karnataka 560103
India

Citizenship:

India

Mailing Address:

Same as above

I Chandra Prakash (name) whose residential address is C.V. Raman Nagar Bangalore was personally present and did see Suman C. Tokuri (name of person signing the assignment) who is personally known to me, execute the above assignment.

Prakash (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct- of 2017 (date of signature)

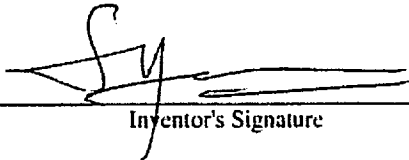
I HADEEJ. G. HERSHAD (name) whose residential address is Pace Gauri Road, Bengaluru - 56001 was personally present and did see Suman C. Tokuri (name of person signing the assignment) who is personally known to me, execute the above assignment.

Hadi (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct of 2017 (date of signature)

Date: 18/10/2017



Inventor's Signature

Print full name of third inventor:

Sunil Yadav

Residence:

Flat-T-34, Block-A1, Mahaveer Varna
Kannamangala, Whitefield
Bangalore, Karnataka 560067
India

Citizenship:

India

Mailing Address:

Same as above

I Chandra Prakash (name) whose residential address is C.V. Raman Nagar Bangalore was personally present and did see Sunil Yadav (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chandra Prakash (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct of 2017 (date of signature)

I HAREES S. HERRAI (name) whose residential address is 12/1, 1st Floor, Race Course Road, Bangalore - 56001 was personally present and did see Sunil Yadav (name of person signing the assignment) who is personally known to me, execute the above assignment.

Harees S. Herai (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct of 2017 (date of signature)

Date: 25.10.17

Soumen Acharya
Inventor's Signature

Print full name of fourth inventor:

Soumen Acharya

Residence:

International Institute of Information
26/C, Electronics City, Hosur Road
Bangalore, Karnataka 560100

India

Citizenship:

India

Mailing Address:

Same as above

I Chandra Prakash (name) whose residential address is C.V. Raman Nagar Bangalore was personally present and did see Soumen Acharya (name of person signing the assignment) who is personally known to me, execute the above assignment.

Prakash (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct- of 20 17 (date of signature)

I HAFES J. A. HEBBAR (name) whose residential address is Race Course Road, Bengaluru - 56001 was personally present and did see Soumen Acharya (name of person signing the assignment) who is personally known to me, execute the above assignment.

HAFES (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 25 oct of 20 17 (date of signature)

Date: 25.10.17



Inventor's Signature

Print full name of fifth inventor:

Sudha V. Hebsur

Residence:

Kushi Pg, No. 3043, 17th Cross
Bangalore, Karnataka 560037
India

Citizenship:

India

Mailing Address:

Same as above

I Chandra Prakash (name) whose residential address is C.V. Raman Nagar Bangalore was personally present and did see Sudha V. Hebsur (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 25-Oct- of 2017. (date of signature)

I HAREESH. G. HEGDUR (name) whose residential address is 21, 1st Floor, Pace Garden Road, Bangalore - 56002 was personally present and did see Sudha V. Hebsur (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 25-Oct of 2017. (date of signature)

Date: 25.10.17

Aaditya Bansal
Inventor's Signature

Print full name of sixth inventor:

Aaditya R. Bansal

Residence:

#P-15, Staff Colony
GZS College of Engg. & Tach. Campus
Bathinda, Punjab 151001

India

Citizenship:

India

Mailing Address:

Same as above

I Chandras Prakash (name) whose residential address is C.V. Raman Nagar Bangalore was personally present and did see Aaditya R. Bansal (name of person signing the assignment) who is personally known to me, execute the above assignment.

Chandras Prakash (signature of first witness)

Signed at Bangalore (location of witness signature)

on this day 25-Oct of 2017 (date of signature)

I HAREE.S. G. HEDRUR (name) whose residential address is 12/1, 1st Floor, Race Course Road, Bangalore - 56001 was personally present and did see Aaditya R. Bansal (name of person signing the assignment) who is personally known to me, execute the above assignment.

Haree S. G. Hedrur (signature of second witness)

Signed at Bangalore (location of witness signature)

on this day 25 Oct of 2017 (date of signature)