

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAMPRASAD CHINTHEKINDI	07/18/2017
NITIN MADAN	07/18/2017
ABHINAV DUGGAL	07/19/2017
LAN BAI	07/19/2017
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:	15656588
CORRESPONDENCE DATA	
Fax Number:	
<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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Email:	paula.hardilek@chamberlainlaw.com
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Address Line 1:	1200 SMITH ST., 14TH FLOOR
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ATTORNEY DOCKET NUMBER:	170360-015700US
NAME OF SUBMITTER:	ALY Z. DOSSA
SIGNATURE:	/Aly Z. Dossa/
DATE SIGNED:	07/22/2017
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, we, Ramprasad Chinthekindi, Nitin Madan, Abhinav Duggal and Lan Bai 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 *A METHOD OR AN APPARATUS TO MOVE PERFECT DE-DUPLICATED UNIQUE DATA FROM A SOURCE TO DESTINATION STORAGE TIER*, 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 July 21, 2017 as U.S. Application No. 15/656,588;

☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP Holding Company (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.

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

Date: 18th July 2017

Ramprasad

Inventor's Signature

Print full name of first inventor:

Ramprasad CHINTHEKINDI

Residence:

India

Citizenship:

India

Mailing Address:

c/o EMC IP Holding Company LLC
176 South Street
Hopkinton, MA 01748

I PALAK AGARWAL

(name) whose residential address is

A2-203, ATHARVA GANGA, PASHAN, PUNE - 411021

was personally present and did see RAMPRASAD CHINTHEKINDI (name of person signing the assignment) who is personally known to me, execute the above assignment.

P. Agarwal

(signature of first witness)

Signed at PUNE (location of witness signature)

on this day 18th JULY of 20 17 (date of signature)

I JAMES LOBO

(name) whose residential address is

B/S, SUKHWANI CLASSIC, MIDHADI, PIMPRI, PUNE - 18

was personally present and did see RAMPRASAD CHINTHEKINDI (name of person signing the assignment) who is personally known to me, execute the above assignment.

J. Lobo

(signature of second witness)

Signed at PUNE (location of witness signature)

on this day 18th JULY of 20 17 (date of signature)

Date: 18th Jul. 2017

Nitin Madan

Inventor's Signature

Print full name of second inventor: Nitin MADAN
Residence: Gurugram, Haryana
Citizenship: India
Mailing Address: c/o EMC IP Holding Company LLC
176 South Street
Hopkinton, MA 01748

I JAMES LOBO (name) whose residential address is
B15, SUKHWANI CLASSIC, MORWADI, PIMPRI, PUNE - 18
was personally present and did see NITIN MADAN (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at PUNE (location of witness signature)

on this day 18th JULY of 20 17. (date of signature)

I PALAK AGARWAL (name) whose residential address is
A2-203, ATHARVA GANGA, PASHAN, PUNE - 411021
was personally present and did see NITIN MADAN (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at PUNE (location of witness signature)

on this day 18th JULY of 20 17. (date of signature)

Date: 07/19/2017

[Signature]
Inventor's Signature

Print full name of third inventor: Abhinav DUGGAL
Residence: Santa Clara, California
Citizenship: India
Mailing Address: c/o EMC IP Holding Company LLC
176 South Street
Hopkinton, MA 01748

I Hemanth Satyanarayana (name) whose residential address is
121, Saratoga Avenue, Apt 4301, Santa Clara, CA - 95051
was personally present and did see Abhinav Duggal (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at Santa Clara (location of witness signature)

on this day 07/19 of 2017 (date of signature)

I SMRITI THAKKAR (name) whose residential address is
20 DESCANSO DRIVE, #1352, SAN JOSE, CA 95134
was personally present and did see ABHINAV DUGGAL (name of person signing
the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at SANTA CLARA (location of witness signature)

on this day 07/19 of 2017 (date of signature)

Date: 07/19/2017

Lan Bai

Inventor's Signature

Print full name of third inventor:

Lan BAI

Residence:

Chelsea, MI

Citizenship:

US

Mailing Address:

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, MA 01748

I Kathrine Frisinger (name) whose residential address is

725 S. Freer Rd Chelsea, MI 48118

was personally present and did see Lan Bai (name of person signing

the assignment) who is personally known to me, execute the above assignment.

Kathrine Frisinger (signature of first witness)

Signed at 725 S. Freer Rd (location of witness signature)

on this day 7/19 of 2017. (date of signature)

I George Paul Frisinger (name) whose residential address is

725 S. Freer Rd Chelsea, MI 48118

was personally present and did see Lan Bai (name of person signing
the assignment) who is personally known to me, execute the above assignment.

George Paul Frisinger (signature of second witness)

Signed at 725 S. Freer Rd (location of witness signature)

on this day 7/19 of 2017. (date of signature)