505454190 04/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PALLAVI PRAKASH	04/19/2019
SHELESH CHOPRA	04/19/2019
JAISHREE BALASUBRAMANIAN	04/19/2019
MATTHEW DICKEY BUCHMAN	04/23/2019
KRISHNENDU BAGCHI	04/19/2019
NITIN ANAND	04/19/2019
VIPIN KUMAR KAUSHAL	04/19/2019
SUDHA VAMANRAJ HEBSUR	04/19/2019
ANAND REDDY	04/19/2019
NIKETAN NARAYAN KALASKAR	04/19/2019
GAJENDRAN RAGHUNATHAN	04/19/2019

RECEIVING PARTY DATA

Name:	EMC IP HOLDING COMPANY LLC	
Street Address:	176 SOUTH STREET	
City:	HOPKINTON	
State/Country:	y: MASSACHUSETTS	
Postal Code: 01748		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16395350

CORRESPONDENCE DATA

Fax Number:

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.

Email: paula.hardilek@chamberlainlaw.com

Correspondent Name: PAULA HARDILEK

Address Line 1: 1200 SMITH STREET, 14TH FLOOR

Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER: 170360-033900US

PATENT REEL: 049041 FRAME: 0056

505454190

NAME OF SUBMITTER:	ALY Z. DOSSA
SIGNATURE:	/Aly Z. Dossa/
DATE SIGNED:	04/30/2019
Total Attachments, 12	

Total Attachments: 13

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ASSIGNMENT

WHEREAS, we, Pallavi Prakash, Shelesh Chopra, Jaishree Balasubramanian, Matthew Dickey Buchman, Krishnendu Bagchi, Nitin Anand, Vipin Kumar Kaushal, Sudha Varnanraj Hebsur, Anand Reddy, Niketan Narayan Kalaskar, and Gajendran Raghunathan, 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 <u>SYSTEM AND METHOD FOR ACCELERATED POINT IN TIME RESTORATION</u>, the specification of which:

[X]	is being executed on even date here States Patent Office;	with and is about to be filed in the United
[]	was filed ona	s U.S. Application No;
[]	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 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:

.2.

Date:

19/04/2019

Pallar Prakast

Inventor's Signature

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

Pallavi PRAKASH

Bangalore, India

India

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

04/19/2019

Inventor's Signature

Print full name of second inventor:

Shelesh CHOPRA

Residence:

Bangalore, India

Citizenship:

India

Mailing Address:

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19/04/2019

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Print full name of third inventor:

Residence:

Citizenship:

Mailing Address:

Jaishree BALASUBRAMANIAN

Bangalore, India

India

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date: 4-23-2019

Inventor's Signature

Print full name of fourth inventor:

Residence:

Citizenship:

Mailing Address:

Matthew Dickey BUCHMAN

Seattle, WA, US

United States

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, MA 01748

Date:

17/04/2019

Ynventor's Signature

Print full name of fifth inventor:

Residence:

Citizenship:

Mailing Address:

Krishnendu BAGCHI

Bangalore, India

India

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19/04/2019

Inventor's Signature

Print full name of sixth inventor:

Residence:

Citizenship:

Mailing Address:

Nitin ANAND

Bangalore, India

India

To EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19/04/2019

Inventor's Signature

Print full name of seventh inventor:

Residence:

Citizenship:

Mailing Address:

Vipin Kumar KAUSHAL

Bharthana Etawah, India

India

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19-04-2019

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Inventor's Signature

Print full name of eighth inventor:

Sudha Vamanraj HEBSUR

Residence:

Bangalore, India

Citizenship:

India

Mailing Address:

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, MA 01748

Date:

19/04/2017

Inventor's Signature

Print full name of ninth inventor:

Anand REDDY

Residence:

Bangalore, India

Citizenship:

India

Mailing Address:

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19/04/2019

Yananan da Ci

Inventor's Signature

Print full name of tenth inventor:

Residence:

Citizenship:

Mailing Address:

Niketan Narayan KALASKAR

Bangalore, India

India

c/o EMC IP Holding Company LLC

176 South Street Hopkinton, MA 01748

Date:

19/04/2019

Inventor's Signature

Print full name of eleventh inventor:

Residence:

Citizenship:

Mailing Address:

Gajendran RAGHUNATHAN

Bangalore, India

India

c/o EMC IP Holding Company LLC

176 South Street

Hopkinton, MA 01748

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PATENT REEL: 049041 FRAME: 0070

RECORDED: 04/30/2019