PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SALIL DANGI	09/17/2014
JAMES ZARBOCK	09/17/2014
ERNEST DAZA	09/17/2014
SCOTT H. OGATA	09/17/2014

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:	14489317

CORRESPONDENCE DATA

Fax Number: (408)973-2595

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.

Phone: 4082074763

Email: mhuang@ip-patent.com

Correspondent Name: VAN PELT, YI & JAMES LLP

Address Line 1: 10050 N. FOOTHILL BLVD.

Address Line 2: SUITE 200

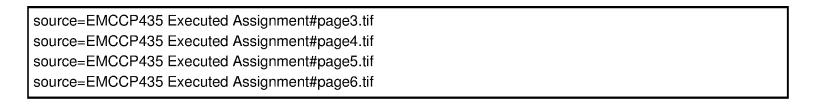
Address Line 4: CUPERTINO, CALIFORNIA 95014

ATTORNEY DOCKET NUMBER:	EMCCP435
NAME OF SUBMITTER:	JIA-NING QU
SIGNATURE:	/Jia-Ning Qu/
DATE SIGNED:	09/17/2014

Total Attachments: 6

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PATENT REEL: 033762 FRAME: 0095

ASSIGNMENT

WHEREAS, we, Salil Dangi, James Zarbock, Ernest Daza, and Scott H. Ogata 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 GENERATING A LARGE, NON-COMPRESSIBLE DATA STREAM, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United
	States Patent Office;
	was filed onas U.S. Application No;
	was patented under U.S. Patent Noon

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,

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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:

+ 17, 2014 Inventor's Signature Print full name of first inventor: Salil Dangi Residence: Mission Viejo, CA Citizenship: US Mailing Address: 176 South Street Hopkinton, MA 01748 STATE OF COUNTY OF On this 17 day of 501, 2014, before me appeared 501; bos who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(igs), and that by his/her/their signature(g) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. DEIRDRE ELLSWORTH COMM. #2039767 Notary Public Notary Public - California Print Name: DEKORE Orange County Comm. Expires Aug. 30, 2017

My Commission expires 5/30/2017

Date: Sep. 17 2014

hventor's Signature

Print full name of second inventor:

Residence: Lake Forest, CA

Citizenship: US

Mailing Address: 176 South Street

Hopkinton, MA 01748

James Zarbock

STATE OF

COUNTY OF

On this 17 day of 5007. , 2014, before me appeared 5000 Souther who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(z) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DEIRDRE ELLSWORTH COMM. #2039767 Notary Public - California **Orange County** Comm. Expires Aug. 30

Notary Public

Print Name: DEIKORE EIISWOM

My Commission expires 2 / 3 / 1 →

Date: Inventor's Signature Print full name of third inventor: Ernest Daza Residence: Rancho Santa Margarita, CA Citizenship: US Mailing Address: 176 South Street Hopkinton, MA 01748 STATE OF **COUNTY OF** On this 17 day of Sept. 2014, before me appeared Errost On 20 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

DEIRDRE ELLSWORTH COMM. #2039767 Notary Public - California COMING County My Comm. Expires Aug. 30, 2017

Notary Public

Print Name: DEIRORE ENSUOYTY

My Commission expires 8/3000

Date: SEPTENBER 17, 2014		
	Invertor's Signature	
Print full name of third inventor:	Scott H. Ogata	
Residence:	Lake Forest, CA	
Citizenship:	US	
Mailing Address:	176 South Street	
	Hopkinton, MA 01748	
STATE OF <u>Carifornia</u> COUNTY OF <u>Orange</u>		
On this		
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.		
WITNESS my hand and official seal. During		

Notary Public

Print Name: DE)ROBE EISWOOTH

My Commission expires / 30/2017

DEIRDRE ELLSWORTH
COMM. #2039767 x
Notary Public - California Corange County
My Comm. Expires Aug. 30, 2017