

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEVEN R CHALMER	09/29/2017
JONATHAN KRASNER	09/29/2017
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:	15722073
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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Address Line 2:	SUITE 301
Address Line 4:	ANDOVER, MASSACHUSETTS 01810
ATTORNEY DOCKET NUMBER:	130-178 108633
NAME OF SUBMITTER:	HOLMES W. ANDERSON
SIGNATURE:	/Holmes W. Anderson/
DATE SIGNED:	10/02/2017
Total Attachments: 5	
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source=Assignment_130178_108633#page4.tif	

ASSIGNMENT

WHEREAS, we, Steven R. Chalmer and Jonathan Krasner 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

DATA COMPRESSION BY HAMMING DISTANCE CATEGORIZATION,

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 _____ as U.S. Application No. _____;
- was patented under U.S. Patent No. _____ on _____.

WHEREAS, EMC IP HOLDING COMPANY LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company 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;

AND, we do hereby authorize Anderson Gorecki LLP, whose full office address is 2 Dundee Park, Suite 301A, Andover, MA 01810, to correct errors in this Assignment and to insert any further identification and other information necessary or desirable to make this Assignment suitable for recording in a domestic or foreign Patent Office.

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

Date: Sept. 29, 2017


Inventor's Signature

Print full name of second inventor: Steven R. Chalmer

1240 Hawes St.

Residence: Redwood City, CA 94061

Citizenship: USA

1240 Hawes St.

Mailing Address: Redwood City, CA 94061

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification [] employee identification card; [] driver's license; [] (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

See Attached Notary
Acknowledgment Certificate

Print Name: _____

My Commission expires ___ / ___ / ___

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of SAN MATEO

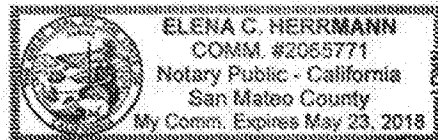
On SEPTEMBER 29, 2017 before me, Elena C. Herrmann, Notary Public
(insert name and title of the officer)

personally appeared STEVEN R. CHALMER
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.

Signature Elena C. Herrmann (Seal)



PATENT/Joint Assignment
Attorney Docket No.: 130-178
EMC IP Holding Co. Docket No.: 108633

Date:

9/29/2017

Inventor's Signature

Jonathan Krasner

Print full name of first inventor:

Jonathan Krasner

Residence:

200 Provident Place
Coventry, RI 02816

Citizenship:

USA

Mailing Address:

200 Provident Place
Coventry, RI 02816

STATE/COMMONWEALTH OF

Massachusetts

COUNTY OF

Middlesex, SS.

On this 29th day of September, 2017, then personally appeared before me the above-named Jonathan Krasner known to me through satisfactory evidence of identification employee to identification card; driver's license; (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Vicky S. Markantonis

Notary Public

Print Name: Vicky S. Markantonis

My Commission expires 3/19/2021

