

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4390482

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN G. GRAHAM	04/28/2017
AARON W. SPIEGEL	04/27/2017
PAUL R. KINGSTON	04/28/2017
FLAVIO PAVIA JUNQUEIRA	04/28/2017
DOMINIQUE PRUNIER	04/27/2017
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:	15581675
CORRESPONDENCE DATA	
Fax Number:	(408)720-8383
<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>	
Phone:	408-720-8300
Email:	katie_lister@bstz.com
Correspondent Name:	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Address Line 1:	1279 OAKMEAD PARKWAY
Address Line 4:	SUNNYVALE, CALIFORNIA 94085-4040
ATTORNEY DOCKET NUMBER:	6368P241
NAME OF SUBMITTER:	MICHAEL C. SUTLIFFE, REG. NO. 67366
SIGNATURE:	/Michael C. Sutliffe/
DATE SIGNED:	04/28/2017
Total Attachments: 7	
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ASSIGNMENT

WHEREAS, we, Stephen G. Graham, Aaron W. Spiegel, Paul R. Kingston, Flavio Paiva Junqueira, and Dominique Prunier, 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 SEARCHABLE STREAM SLICES (Application), 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 limited liability company 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;

AND, we hereby authorize our attorneys, EMC IP Holding Company LLC, to insert here in parentheses (15/581,675 filed April 28, 2017) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

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

Date: 4/28/2017

Stephen G. Graham
Investor's Signature

Print full name of first inventor: Stephen G. Graham
Residence: 776 Legend Oaks Drive, Chapel Hill, NC 27517
Citizenship: United States of America
Mailing Address: Same as above

I, Steven B. Shern (name) whose residential address is 176 Rooks Road, Pittsboro, NC 27312 was personally present and did see Stephen Graham (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)

Signed at 176 Rooks Road, Pittsboro (location of witness signature)

on this day April 28 of 2017 (date of signature)

I, Karen Graham (name) whose residential address is 776 Legend Oaks Dr Chapel Hill NC 27517 was personally present and did see Stephen Graham (name of person signing the assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of second witness)

Signed at 176 Rooks Road, Pittsboro (location of witness signature)

on this day April 28 of 2017 (date of signature)

Date: 4/27/2017



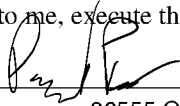
Inventor's Signature

Aaron W. Spiegel

Print full name of second inventor:

Residence: 16537 Lamar Avenue, Stilwell, KS 66085
Citizenship: United States of America
Mailing Address: Same as above

I Daniel Peck (name) whose residential address is 25363 Sullivan Ln. Novi, MI 48375 was personally present and did see Aaron Spiegel (name of person signing the assignment) who is personally known to me, execute the above assignment.

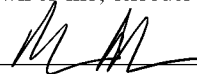


(signature of first witness)
36555 Corporate Drive

Signed at Farmington Hills, MI 48331 (location of witness signature)

on this day 4/27 of 20 17. (date of signature)

I Michael Mayer (name) whose residential address is 6902 N Pennsylvania Indianapolis, IN 46220 was personally present and did see Aaron Spiegel (name of person signing the assignment) who is personally known to me, execute the above assignment.

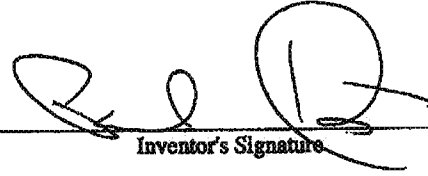


(signature of second witness)
36555 Corporate Drive

Signed at Farmington Hills, MI 48331 (location of witness signature)

on this day 4/27 of 20 17. (date of signature)

Date: April 28, 2017


Inventor's Signature

Print full name of third inventor:

Paul R. Kingston

Residence:

2530 Marsha Circle, Cumming, GA 30041

Citizenship:

United States of America

Mailing Address:

Same as above

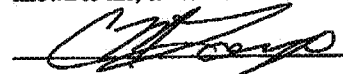
I Tony Arsmis (name) whose residential address is 1955 S. 21st Ave, Marietta GA 30068 was personally present and did see Paul Kingston (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)

Signed at Marietta, GA (location of witness signature)

on this day 4-28 of 20 17 (date of signature)

I CRAIG LONGO (name) whose residential address is 14600 Timber Point Alpharetta GA 30004 was personally present and did see Paul Kingston (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)

Signed at ATLANTA GA (location of witness signature)

on this day April 28th of 20 17 (date of signature)

Date: 28 / April / 2017


Inventor's Signature

Print full name of fourth inventor:

Flavio Paiva Junqueira

Residence:

Carrer de Castella 26-28, Piso 3, Puerta 3, Barcelona, Spain
08018

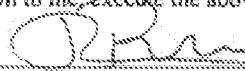
Citizenship:

Spain

Mailing Address:

Same as above

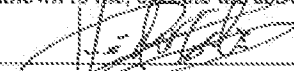
I Rafael Foveda (name) whose residential address is Casale Marimon 8, 4.1 was personally present and did see Flavio Paiva (name of person signing the assignment) who is personally known to me, execute the above assignment.


(signature of first witness)

Signed at Barcelona (location of witness signature)

on this day 28 April of 20 17 (date of signature)

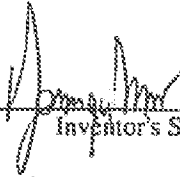
I Heena Gani (name) whose residential address is CANALEJO 28 was personally present and did see FLAVIO PAIVA (name of person signing the assignment) who is personally known to me, execute the above assignment.


(signature of second witness)

Signed at BARCELONA (location of witness signature)

on this day 29 APRIL of 20 17 (date of signature)

Date: 27 April 2017



Inventor's Signature

Dominique Prunier

Print full name of fifth inventor:

Residence: 4377 Laval, Montreal, QC H2W 2J7 Canada
Citizenship: Canada
Mailing Address: Same as above

I DEREK LABADIE (name) whose residential address is 405, 24^e AVENUE, DEK-MONTAGNES, QC, CA J7R4Y3 was personally present and did see DOMINIQUE PRUNIER (name of person signing the assignment) who is personally known to me, execute the above assignment.

Derek Labadie (signature of first witness)

Signed at MONTREAL, QC, CA (location of witness signature)

on this day APRIL 27 of 2017 (date of signature)

I MARC ALBERT (name) whose residential address is 4505 Exilite-Exim, MONTREAL, QC, CANADA H1X 3K4 was personally present and did see _____ (name of person signing the assignment) who is personally known to me, execute the above assignment.

Marc Albert (signature of second witness)

Signed at MONTREAL, QC, Canada (location of witness signature)

on this day APRIL 27 of 2017 (date of signature)