

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3158981

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANGELO E. M. CIARLINI	12/22/2014
ALEX L. BORDIGNON	12/22/2014
ROMULO TEIXEIRA DE ABREU PINHO	12/22/2014
EDWARD JOSE PACHECO CONDORI	12/19/2014
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:	14579130
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>	
Phone:	203-255-6560
Email:	bab@rml-law.com
Correspondent Name:	KEVIN M. MASON
Address Line 1:	1175 POST ROAD EAST, 2ND FLOOR
Address Line 2:	RYAN, MASON & LEWIS, LLP
Address Line 4:	WESTPORT, CONNECTICUT 06880
ATTORNEY DOCKET NUMBER:	EMC-14-0493
NAME OF SUBMITTER:	KEVIN M. MASON
SIGNATURE:	/Kevin M. Mason/
DATE SIGNED:	12/22/2014
Total Attachments: 7	
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RECORDATION FORM COVER SHEET **PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Angelo E. M. Ciarlini, Alex L. Bordignon, Rômulo
Teixeira de Abreu Pinho, Edward José Pacheco
Condori

**Additional name(s) of conveying party(ies)
attached?**

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: EMC Corporation

Internal Address:

Street Address: 176 South Street

City: Hopkinton **State:** MA **ZIP:** 01748

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 12/22/14, 12/22/14, 12/22/14,
12/19/14

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 14/579,130 Filed December 22, 2014 **B. Patent No.(s)**

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom
correspondence concerning document should be
mailed:**

Name: Kevin M. Mason

Internal Address: Ryan, Mason & Lewis, LLP

Street Address: 1175 Post Road East, 2nd Floor

City: Westport **State:** CT **ZIP:** 06880

**6. Total number of applications and patents
involved:** 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number 50-0762

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin M. Mason

/Kevin M. Mason/

December 22, 2014

Reg. No. 36,597

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

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EMC-14-0493

PATENT
REEL: 034570 FRAME: 0034

ASSIGNMENT

WHEREAS, we, Angelo E. M. Ciarlini, Alex L. Bordignon, Rômulo Teixeira de Abreu Pinho and Edward José Pacheco Condori, 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 **CONTENT-AWARE LOSSLESS COMPRESSION AND DECOMPRESSION OF FLOATING POINT DATA**, the specification of which:

[] is being executed on even date herewith and is about to be filed in the United States Patent Office;

[X] was filed on December 22, 2014 as U.S. Application No. 14/579,130;

[] was patented under U.S. Patent No. _____ on _____.

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,

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: December 22nd, 2014

Angelo E. M. Ciarlini
Inventor's Signature

Print full name of first inventor:

Angelo E. M. Ciarlini

Residence:

Rio de Janeiro, Brazil

Citizenship:

Brazil

Mailing Address:

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Rodrigo D.C. Silva
Witness

[Signature]
Witness

Date: DECEMBER, 22, 2014

Alex L. Bordignon
Inventor's Signature

Print full name of second inventor:

Alex L. Bordignon

Residence:

Rio de Janeiro, Brazil

Citizenship:

Brazil

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Roberto D. A. Severina
Witness

Rafaela J. S. S. S. S.
Witness

Date: DECEMBER, 22nd, 2014

Rômulo Teixeira de Abreu Pinho
Inventor's Signature

Print full name of third inventor:

Rômulo Teixeira de Abreu Pinho

Residence:

Niteroi, Brazil

Citizenship:

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Mailing Address:

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Rodrigo D.C. Lima
Witness

[Signature]
Witness

Date: December, 19th, 2014



Inventor's Signature

Print full name of fourth inventor:

Edward José Pacheco Condori

Residence:

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Citizenship:

Peru

Mailing Address:

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Rio de Janeiro - Brazil 22753-200

Roberto D.C. Senra
Witness

Edward José Pacheco Condori
Witness