

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3893425

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VASILY OLEGOVICH ZALUNIN	08/31/2015
MARAT RAVILEVICH GILMUTDINOV	08/28/2015
NIKOLAY DMITRIEVICH EGOROV	08/28/2015
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:	14771703
CORRESPONDENCE DATA	
Fax Number:	(508)366-4688
<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:	508-616-2900
Email:	Docket@BainwoodHuang.com
Correspondent Name:	BAINWOOD, HUANG & ASSOCIATES, LLC
Address Line 1:	2 CONNECTOR ROAD
Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	1003-304.001
NAME OF SUBMITTER:	BRUCE D. RUBENSTEIN, ESQ.
SIGNATURE:	/Bruce D. Rubenstein #39,349/
DATE SIGNED:	05/27/2016
Total Attachments: 9	
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PATENT

REEL: 038737 FRAME: 0815

ASSIGNMENT

WHEREAS, I, Vasily Olegovich Zalunin, as the original inventor or an original joint inventor 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

COMPLEXITY-ADAPTIVE COMPRESSION OF COLOR
IMAGES USING BINARY ARITHMETIC CODING

which is further identified by Attorney Docket Number 1003-304.001;

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, USA desires to acquire an interest therein in accordance with agreements duly entered into with me;

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, I 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 me had this assignment and sale not been made; I 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. I 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, I hereby further agree for myself and my 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

PATENT ASSIGNMENT
Attorney Docket No.: 1003-304.001
EMC Docket No.: EMC-14-0181(WO/RU)US1

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, I 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 I hereby authorize the attorneys at Bairwood Huang & Associates LLC to insert here in parentheses (PCT/RU2014/000732, Filed 2014-09-29 / 14/771,703
Filed on 8/31/2015) the application number and filing date of said application (and of any US, foreign, or other counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

Date: 08.31.2015



Inventor's Signature

Print full name of first inventor: Vasily Olegovich Zalunin
Residence: Grazhdanskiy Avenue, 116-5-89
St. Petersburg 195267
RUSSIA
Citizenship: RU
Mailing Address: Same as above

I Alexey Romanovskiy (name) whose residential address is Leningradskiy region, vsevolozhsk, Moskovskaya st 30-165 was personally present and did see Vasily Olegovich Zalunin (name of person signing the assignment) who is personally known to me, execute the above assignment.

Alexey Romanovskiy (signature of first witness)

Signed at EMC Russia CoE (location of witness signature)

on this day 31 August of 2015. (date of signature)

I Roman Marchenko (name) whose residential address is St. Petersburg, Novoizmailovskiy prospekt, 20K3-23 was personally present and did see Vasily Olegovich Zalunin (name of person signing the assignment) who is personally known to me, execute the above assignment.

Roman Marchenko (signature of second witness)

Signed at EMC Russia CoE (location of witness signature)

on this day 31 Aug of 2015. (date of signature)

PATENT ASSIGNMENT
Attorney Docket No.: 1003-304.001
EMC Docket No.: EMC-14-0181(WO/RU)US1

ASSIGNMENT

WHEREAS, I, Marat Ravilevich Gilmutdinov, as the original inventor or an original joint inventor 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

COMPLEXITY-ADAPTIVE COMPRESSION OF COLOR
IMAGES USING BINARY ARITHMETIC CODING

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PATENT ASSIGNMENT

Attorney Docket No.: 1003-304,001

EMC Docket No.: EMC-14-0181(WO/RU)US1

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PATENT ASSIGNMENT
Attorney Docket No.: 1003-304.001
EMC Docket No.: EMC-14-0181(WO/RU)US1

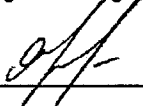
Date: 28 Aug 2015



Inventor's Signature

Print full name of first inventor: Marat Ravilevich Gilmutdinov
Residence: Pulkovskoe Avenue, 1-262
St. Petersburg, 196240
RUSSIA
Citizenship: RU
Mailing Address: Same as above

I Victor Anatolyevich Yastrebov (name) whose residential address is
Yachtennaya Street, 5-1, St. Petersburg, 197374, RUSSIA
was personally present and did see Marat Gilmutdinov (name
of person signing the assignment) who is personally known to me, execute the above
assignment.




(signature of first witness)

Signed at St. Petersburg, RUSSIA (location of witness signature)

on this day 28 Aug of 2015. (date of signature)

I Dmitriy Vadimovich Novikov (name) whose residential address is
Budapestskaya street, 23-2, St. Petersburg, 192212, RUSSIA
was personally present and did see Marat Gilmutdinov (name
of person signing the assignment) who is personally known to me, execute the above
assignment.



(signature of second witness)

Signed at St. Petersburg, RUSSIA (location of witness signature)

on this day 28 Aug of 2015. (date of signature)

PATENT ASSIGNMENT
Attorney Docket No.: 1003-304.001
EMC Docket No.: EMC-14-0181(WO/RU)US1

ASSIGNMENT

WHEREAS, I, Nikolay Dmitrievich Egorov, as the original inventor or an original joint inventor 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

**COMPLEXITY-ADAPTIVE COMPRESSION OF COLOR
IMAGES USING BINARY ARITHMETIC CODING**

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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, I 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 me had this assignment and sale not been made; I 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. I 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;

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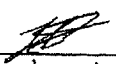
AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

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PATENT ASSIGNMENT
Attorney Docket No.: 1003-304.001
EMC Docket No.: EMC-14-0181(WO/RU)US1

Date: 28 Aug 2015


Inventor's Signature

Print full name of first inventor:

Nikolay Dmitrievich Egorov

Residence:

Vitebskaya Street, 21-20
St. Petersburg, 190121
RUSSIA

Citizenship:

RU

Mailing Address:

Same as above

I Victor Anatolyevich Yastrebov (name) whose residential address is
Yachtennaya Street, 5-1, St. Petersburg, 197374, RUSSIA
was personally present and did see Nikolay Dmitrievich Egorov (name
of person signing the assignment) who is personally known to me, execute the above
assignment.


(signature of first witness)

Signed at St. Petersburg, RUSSIA (location of witness signature)

on this day 28 Aug of 2015. (date of signature)

I Dmitriy Vadimovich Novikov (name) whose residential address is
Budapesh'tskaya street, 23-2, St. Petersburg, 192212, RUSSIA
was personally present and did see Nikolay Dmitrievich Egorov (name
of person signing the assignment) who is personally known to me, execute the above
assignment.


(signature of second witness)

Signed at St. Petersburg, RUSSIA (location of witness signature)

on this day 28 Aug of 2015. (date of signature)