

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5541024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VITALY S KOZLOVSKY	04/26/2019
ALEXANDER V SHADRIN	04/25/2017
INGA PETRYAEVSKAYA	04/25/2017
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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:	15498781
CORRESPONDENCE DATA	
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SIGNATURE:	/Geoffrey T. Staniford/
DATE SIGNED:	05/24/2019
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, Vitaly S. Kozlovsky, Alexander V. Shadrin, Denis Serov and Inga Petryaevskaya 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 DYNAMIC RULE BASED MODEL FOR LONG TERM RETENTION, 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 April 27, 2017 as U.S. Application No. 15/498,781;
- 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 State of Delaware 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;

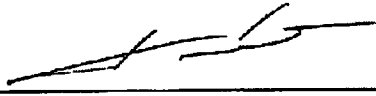
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, 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:

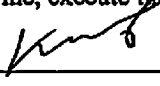
Date: 26 Apr 2017



Inventor's Signature

Print full name of first inventor: **Vitaly S. Kozlovsky**
Residence: 195220 St. Petersburg
Butlerova 32-206
Russia
Citizenship: Russia
Mailing Address: Same as above

I Vyacheslav Kikeev (name) whose residential address is St. Petersburg, pr-t Nastavnikov, kv. 21, d. 148 was personally present and did see Vitaly Kozlovsky (name of person signing the assignment) who is personally known to me, execute the above assignment.

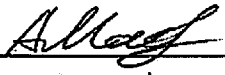


(signature of first witness)

Signed at St. Petersburg (location of witness signature)

on this day 25 april of 2017. (date of signature)

I Alexander Maklakov (name) whose residential address is St. Petersburg - Petergoff, Universitetski pr. 18/2-183 was personally present and did see Vitaly Kozlovsky (name of person signing the assignment) who is personally known to me, execute the above assignment.



(signature of second witness)

Signed at St. Petersburg (location of witness signature)

on this day 25 april of 2017. (date of signature)

Date: April 25, 2017



Inventor's Signature

Print full name of second inventor:

Alexander V. Shadrin

Residence:

198205 St. Petersburg
Veteranov 115-130
Russia


Citizenship:

Russia

Mailing Address:

Same as above

I Nikita Kuvhigin (name) whose residential address is Saint Petersburg, Leif Golikov 47 apt. 158, Russia was personally present and did see Alexander Shadrin (name of person signing the assignment) who is personally known to me, execute the above assignment.

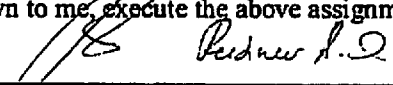


(signature of first witness)

Signed at Saint Petersburg (location of witness signature)

on this day 25 April of 2017. (date of signature)

I Alexander Rubner (name) whose residential address is 221 SE Brandywine Opolchynskaya Saint Petersburg Russia was personally present and did see Alexander Shadrin (name of person signing the assignment) who is personally known to me, execute the above assignment.



(signature of second witness)

Signed at 25 April 2017 (location of witness signature)


on this day Saint Petersburg of 2017. (date of signature)

Date: 25. 04. 2017



Inventor's Signature

Print full name of fourth inventor: **Inga Petryaevskaya**
Residence: 196084 St. Petersburg
Smolenskaya 13-77
Russia
Citizenship: Russia
Mailing Address: Same as above

I Maria Melnicenko (name) whose residential address is St. Petersburg, Mira konstruktov 24-2 was personally present and did see Inga Petryaevskaya (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)
Signed at St. Petersburg (location of witness signature)
on this day 25 April of 20 17. (date of signature)

I Igor Nikiiforov (name) whose residential address is Russia, St. Petersburg, Nadezhdy str, 53-125 was personally present and did see Inga Petryaevskaya (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)
Signed at St. Petersburg (location of witness signature)
on this day 25 april of 20 17. (date of signature)