

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5530714

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR'S NAME UDI SHEMER TO JEHUDA SHEMER IN THE CONVEYING PARTY DATA previously recorded on Reel 046346 Frame 0964. Assignor(s) hereby confirms the ENTIRE RIGHT, TITLE AND INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
JEHUDA SHEMER	07/08/2018
FELIX SHVAIGER	07/08/2018
ARIEH DON	07/08/2018
ANTON KUCHEROV	07/12/2018

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:	16035185

CORRESPONDENCE DATA

Fax Number: (801)328-1707
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.

Phone: 801-533-9800
Email: mdunaway@wnlaw.com
Correspondent Name: WORKMAN NYDEGGER
Address Line 1: 60 EAST SOUTH TEMPLE
Address Line 2: SUITE 1000
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	16192.209
NAME OF SUBMITTER:	CARL T. REED
SIGNATURE:	/Carl T. Reed/
DATE SIGNED:	05/20/2019

Total Attachments: 7

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5050055

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UDI SHEMER	07/08/2018
FELIX SHVAIGER	07/08/2018
ARIEH DON	07/08/2018
ANTON KUCHEROV	07/12/2018
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:	16035185
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<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:	801-533-9800
Email:	mdunaway@wnlaw.com
Correspondent Name:	WORKMAN NYDEGGER
Address Line 1:	60 EAST SOUTH TEMPLE
Address Line 2:	SUITE 1000
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	16192.209
NAME OF SUBMITTER:	CARL T REED
SIGNATURE:	/Carl T. Reed/
DATE SIGNED:	07/13/2018
Total Attachments: 6	
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source=16192-209_Assignment#page2.tif	

ASSIGNMENT

Jehuda Shemer

JS 14/5/2009

WHEREAS, I/we, ~~Udi Shemer~~, Felix Shvaiger, Arie Don and Anton Kucherov 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 ENHANCED DATA STORAGE USING COMPRESSED DATA, 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 corporation organized and existing under the laws 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 me/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, I/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 me/us had this assignment and sale not been made; I/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. I/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, I/we hereby further agree for myself/ourselves and my/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


PATENT Assignment
EMC Docket No.: 111151.01
Atty Docket No.: 16192.209

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/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, I/we have hereunto set my/our hands and affixed my/our seals as set forth below:

Date: 9/7/2018


Inventor's Signature

Print full name of inventor:

~~Udi Shemer~~ Jehuda Shemer SS 14/5/2019

Residence:

Kfar Saba, Israel

Citizenship:

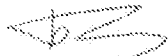
IL

Mailing Address:

Brenner 7/7

Kfar Saba, IL

I Leonid Bezolatsky (name) whose residential address is Beit Ha-Aram 3, Rishon Le-Zion, Israel
was personally present and did see Udi Shemer (name of person signing the assignment) who is personally known to me, execute the above assignment.



(signature of first witness)

Signed at Kerzelia (location of witness signature)

on this day 08/07 of 2018 (date of signature)

I Daniel Hughes-Games (name) whose residential address is Osishkin 36, Netanya, Israel
was personally present and did see Udi Shemer (name of person signing the assignment) who is personally known to me, execute the above assignment.




(signature of second witness)

Signed at Kerzelia (location of witness signature)

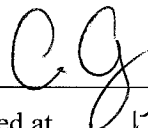
on this day 02/7/ of 2018 (date of signature)

Date: 07/05/2018

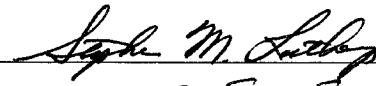

Inventor's Signature

Print full name of inventor: **Felix Shvaiger**
Residence: Nashua, NH
Citizenship: IL
Mailing Address: 23 Digital Dr., Unit 202
Nashua, NH 03062-4559

I Chris Appleby (name) whose residential address is
103 Manning St., Jefferson, MA 01522
was personally present and did see Felix Shvaiger (name of person signing
the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)
Signed at 176 Hopkinton (location of witness signature)
on this day July 5th of 2018. (date of signature)

I STEPHEN LATHROP (name) whose residential address is
46 BRIAR DR MILFORD, MA 01757
was personally present and did see FELIX SHVAIGER (name of person signing
the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)
Signed at 176 SOUTH ST HOPKINTON MA (location of witness signature)
on this day 5-JULY of 2018. (date of signature)

Date: 7.5.18

[Signature]
Inventor's Signature

Print full name of inventor:

Arieh Don

Residence:

Newton, MA

Citizenship:

US

Mailing Address:

45 Dexter Road
Newton, MA 02460

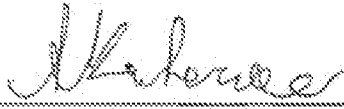
I Michael Dudnik (name) whose residential address is
12 GAY St. Newton MA 02460
was personally present and did see Arieh Don (name of person signing the
assignment) who is personally known to me, execute the above assignment.

[Signature] (signature of first witness)
Signed at Hopkinton MA (location of witness signature)
on this day July 05 of 2018, (date of signature)

I Hagit Brit Artzi (name) whose residential address is
4 Sullivan Tr Framingham MA 01701
was personally present and did see Arieh Don (name of person signing the
assignment) who is personally known to me, execute the above assignment.

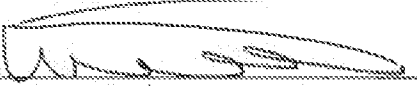
[Signature] (signature of second witness)
Signed at Hopkinton MA (location of witness signature)
on this day July 05 of 2018, (date of signature)

Date: 7/12/2018

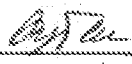

Inventor's Signature

Print full name of inventor: **Anton Kucherov**
Residence: **Dudley, Massachusetts**
Citizenship: **US**
Mailing Address: **72 Flaxfield Rd
Dudley, MA 01571**

I, William Stronge (name) whose residential address is 5 Woodland Dr Westford Ma was personally present and did see Anton Kucherov (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)
Signed at Hopkinton Ma (location of witness signature)
on this day July 12 of 2018 (date of signature)

I, Svetlana Kronrod (name) whose residential address is 18 Wright Farm Concord MA was personally present and did see Anton Kucherov (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of second witness)
Signed at Hopkinton MA (location of witness signature)
on this day 08/12 of 2018 (date of signature)