

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5073057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DUSTIN HUNT ZENTZ	07/26/2018
OWEN MARTIN	07/30/2018
ADNAN SAHIN	07/30/2018
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:	16048724
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:	508-898-8601
Email:	docketing@WESTBORO-IP.COM
Correspondent Name:	MUIRHEAD AND SATURNELLI, LLC
Address Line 1:	200 FRIBERG PARKWAY, SUITE 1001
Address Line 4:	WESTBOROUGH, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	EMS-706US
NAME OF SUBMITTER:	ANNE E. SATURNELLI
SIGNATURE:	/Anne E. Saturnelli/
DATE SIGNED:	07/30/2018
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, Dustin Hunt ZENTZ, Owen MARTIN and Adnan SAHIN, 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 AUTOMATED MANAGEMENT OF WRITE STREAMS FOR MULTI-TENANT STORAGE, 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"), which is 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 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 attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis (16/048,724 filed July 30, 2018) 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: 7/26/18

Dustin Zentz
Inventor's Signature

Print full name of first inventor:

Dustin Hunt ZENTZ

Residence:

200 Hudson Street, Apartment 12
Northborough, Ma 01532

Citizenship:

USA

Mailing Address:

Same as above

I YARON DAR (name) whose residential address is
77 HEMLOCK RD, SUDBURY, MA 01776 was
personally present and did see Dustin Zentz (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 7/26 of 2018. (date of signature)

I Scott Giambanco (name) whose residential address is
55 Wendy Dr, North Attleboro MA 02760 was
personally present and did see Dustin Zentz (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)

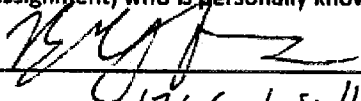
on this day 7/26 of 2018. (date of signature)

Date: 7/30/18


Inventor's Signature

Print full name of second inventor: **Owen MARTIN**
Residence: **10 Steel Road**
Hopedale, MA 01747
Citizenship: **USA**
Mailing Address: **Same as above**

I, Benjamin Randolph (name) whose residential address is 16 Cotton St, Westfield, MA 01089 was personally present and did see Owen Martin (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)
Signed at 176 South St, Hopkinton (location of witness signature)
on this day July 30 of 2018. (date of signature)

I, Xicomei Liu (name) whose residential address is 38 Constitution Drive, Southborough, MA 01772 was personally present and did see Owen Martin (name of person signing the assignment) who is personally known to me, execute the above assignment.

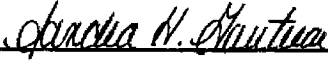
Xicomei Liu (signature of second witness)
Signed at 176 South Street, Hopkinton, MA (location of witness signature)
on this day 7/30 of 2018. (date of signature)

Date: 7/30/18

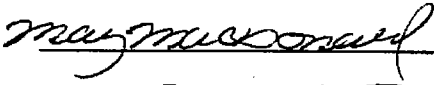

Inventor's Signature

Print full name of third inventor: Adnan SAHIN
Residence: 140 Pine Grove Street
Needham, MA 02494
Citizenship: USA
Mailing Address: Same as above

I Siobhan H. Goutreau (name) whose residential address is 321 Trevelyan Lane, Northbridge MA was personally present and did see Adnan Sahin (name of person signing the assignment) who is personally known to me, execute the above assignment.

 (signature of first witness)
Signed at 176 South St, Needham MA (location of witness signature)
on this day Monday, 7/30 of 2018. (date of signature)

I Mary Musconzo (name) whose residential address is 23 Boston Drive - Upton MA was personally present and did see Adnan Sahin (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 - Needham MA (location of witness signature)
on this day Monday - 7/30 of 2018. (date of signature)