503523086 10/14/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

in v1.1 EPAS ID: PAT3569712

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KENNETH J. TAYLOR	10/05/2015
RANDALL SHAIN	10/05/2015
ADRIAN MICHAUD	10/05/2015
STEPHEN WING-KIN AU	10/12/2015

### **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:	14863885

## **CORRESPONDENCE DATA**

**Fax Number:** (631)393-6271

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:** 631-393-6270

Email:nyoffice@rml-law.comCorrespondent Name:WILLIAM E. LEWIS

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ATTORNEY DOCKET NUMBER:	EMC-15-0568
NAME OF SUBMITTER:	WILLIAM E. LEWIS
SIGNATURE:	/william e. lewis/
DATE SIGNED:	10/14/2015

#### **Total Attachments: 6**

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PATENT 503523086 REEL: 036793 FRAME: 0425

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PATENT REEL: 036793 FRAME: 0426

#### ASSIGNMENT

WHEREAS, we, Kenneth J. Taylor, Randall Shain, Adrian Michaud and Stephen Wing-Kin Au, 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 ARCHIVING MEMORY IN MEMORY CENTRIC ARCHITECTURE, 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 September 24, 2015 as U.S. Application No. 14/863,885;
[]	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

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PATENT/Joint Assignment Attorney Docket No.: EMC-15-0568

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:

PATENT/Joint Assignment Attorney Docket No.: EMC-15-0568

Date: 10/5/2015	flundth J. Tayle
	Inventor's Signature
Print full name of first inventor:	Kenneth J. Taylor
Residence:	Franklin, Massachusetts
Citizenship:	United States of America
Mailing Address:	6 Cooper Drive
	Franklin, Massachusetts 02038
STATE/COMMONWEALTH OF	lassachusetts liddlesex
employee identification card; [X] drive to be the person whose name is subscribed to	, 20/5, then personally appeared before me the ne through satisfactory evidence of identification er's license; [] (other) o the foregoing Assignment and acknowledged that and deed for the purposes therein contained.
	Switte S. Kellaf
	Notary Public
	Print Name: /in ette S. Kelley
	My Commission expires <u>0.7</u> / <u>13</u> / <u>20</u> 18
	•
	LINETTE S. KELLEY Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires July 13, 2018

PATENT/Joint Assignment Attorney Docket No.: EMC-15-0568

Date: /0/5/2015	Mull Ali
· /	Inventor's Signature
Print full name of second inventor:	Randall Shain
Residence:	Wrentham, Massachusetts
Citizenship:	United States of America
Mailing Address:	1640 West Street
	Wrentham, Massachusetts 02093
COUNTY OF <u>M</u>	ssachusetts iddlesex 2015, then personally appeared before me the
above-named Randall Shain known to me the employee identification card; [1] driver's lie	cense; [] (other) to be or identification to be oregoing Assignment and acknowledged that he/she
	Switte S Kelley
	Notary Public
	Print Name: Linette S. Kelley
•	My Commission expires <u>07</u> / <u>13</u> /20/8
	LINETTE S. KELLEY  Notary Public  COMMONWEALTH OF MASSACHUSETTS  My Commission Expires  July 13, 2018

Attorney Docket No.: EMC-15-0568 Date: Inventor's Signature Print full name of third inventor: Adrian Michaud Residence: Carlisle, Massachusetts Citizenship: United States of America Mailing Address: 50 Hart Farm Road Carlisle, Massachusetts 01741 STATE/COMMONWEALTH OF Massachusetts
COUNTY OF Middlesex On this 5 th day of October, 2015, then personally appeared before me the above-named Adrian Michaud known to me through satisfactory evidence of identification [\_] employee identification card; [X] driver's license; [M] (other) [M] to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. South S. Kelley Notary Public Print Name: Linette S. Kelley My Commission expires <u>07</u>/<u>13</u>/2018 LINETTE S. KELLEY Notary Public

OMMONWEALTH OF MASSACHUSETTS My Commission Expires July 13, 2018

PATENT/Joint Assignment

PATENT/Joint Assignment Attorney Docket No.: EMC-15-0568

Date: 0ct 12, 2015	Inventor's Signature
Print full name of fourth inventor: Residence: Citizenship: Mailing Address:	Stephen Wing-Kin Au Norwood, Massachusetts United States of America 50 Plantation Circle Norwood, Massachusetts 02062
STATE/COMMONWEALTH OF Ma	ddlesex
above-named Stephen Wing-Kin Au known to employee identification card; [X] driver	the foregoing Assignment and acknowledged that
	Notary Public Relley
	Print Name: Linette S. Kelley  My Commission expires 07/13/2018
	LINETTE S. KELLEY  Notary Public  COMMONWEALTH OF MASSACHUSETTS  My Commission Expires  July 13, 2018