503080176 12/01/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3126780

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHEUK LAM	06/28/2012

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:	14483249

CORRESPONDENCE DATA

Fax Number: (781)401-9966

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: DALY, CROWLEY, MOFFORD & DURKEE, LLP

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ATTORNEY DOCKET NUMBER:	EMC-148AUS
NAME OF SUBMITTER:	PAUL D. DURKEE
SIGNATURE:	/Paul D. Durkee/
DATE SIGNED:	12/01/2014

Total Attachments: 2

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> **PATENT REEL: 034288 FRAME: 0198** 503080176

PATENT/Sole Assignment Attorney Docket No.: EMC-148PUS EMC Docket No.: EMC-12-080

ASSIGNMENT

WHEREAS, I, Cheuk Lam, 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 METHOD AND APPARATUS FOR PROVIDING AT RISK INFORMATION IN A CLOUD COMPUTING SYSTEM HAVING REDUNDANCY, the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
	was filed on XXX as U.S. Application No. XXX;
	was patented under U.S. Patent Noon

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, 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 me 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 expense and charges, including the execution

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PATESTAN ASSESSMENT Assessment Section (1986)

Ordstonal or communical applications and prelimbarry or other eleptonesses to Libe giving of testimony in any interference or other proceeding in which said invention or any signification or parent directed thereto may be involved:

AND, I do besety authorize and request the Commissioner of Patents of the United States to use a such Letters Patent so shall be granted upon said application or applications based to use a such Letters Patent so shall be granted upon said application or applications based to use a such Letters Patent so shall be granted upon said application or applications.

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Marine Supremental Control

Film Intlement sole inventor: Check Lam

Residence: Yorksowa Helichia, NY

Chiambip: U.S.

Milling Address: 2780 Evergroses Stonet, Yorktown Heights, W. 10598

STATION STATES

to be the person where name is subscribed to the first to a Amignmum and subscribed that he have a and the same and bis/her flow a such and the first and th

Notary Public

Print Name: <u>(2012: 0</u>8)

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My Commission expires 11.7 21 / 3413

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PATENT REEL: 034288 FRAME: 0200

RECORDED: 12/01/2014