504014731 09/21/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MISHA NOSSIK	09/21/2016
LEJIN DU	09/20/2016

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:	15268788

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	EMC-15-0666	
NAME OF SUBMITTER:	JOSEPH B. RYAN	
SIGNATURE:	/joseph b. ryan/	
DATE SIGNED:	09/21/2016	

Total Attachments: 4

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> PATENT REEL: 039813 FRAME: 0014

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ASSIGNMENT

WHEREAS, we, Misha Nossik and Lejin Du, 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 SECURE DATA ACCESS IN CLOUD COMPUTING ENVIRONMENTS, the specification of which:

	is being executed on even date herewith a States Patent Office;	nd is about to be filed in the United	
[X]	was filed on September 19, 2016 as U.S. /	Application No. <u>15/268,788;</u>	
[]	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

PATENT/Joint Assignment Attorney Docket No.: EMC-15-0666

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:
Sept. 21, 2016
Inventor's Signature

Print full name of first inventor:

Residence:
Ottawa, Ontario, Canada

Citizenship:
Canada

Mailing Address: 383 Cumberland Street, Apt. #902
Ottawa, Ontario, Canada K1N 1J7

Sept. 21, 2016

Date Witness # Signature

Sept. 21,2016

Witness #2 Signature

Elena Vakudovick

Witness #2 Print Name

Witness #1 Print Name

Sept. 20, 2016

Print full name of second inventor:

Residence:

Citizenship:

Mailing Address:

Lejin Du

Kanata, Ontario, Canada

Canada

43 Evanshen Crescent

Kanata, Ontario, Canada K2K 2Z7

Witness #1 Signature

Ser -JANES

Witness #1 Print Name

Sep 20, 2016

Witness #2 Signature

a kullovid