505739610 10/24/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DAVID MEIRI	10/22/2019	
ANTON KUCHEROV	10/23/2019	

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:	16662637	

CORRESPONDENCE DATA

Fax Number: (617)523-6850

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: 617-523-2700

Email: patentdocketing@hklaw.com, toni.sousa@hklaw.com

Correspondent Name: HOLLAND & KNIGHT LLP Address Line 1: 10 ST. JAMES AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02116

ATTORNEY DOCKET NUMBER: 113454.00479/116944.01	
NAME OF SUBMITTER:	TONI M. SOUSA
SIGNATURE:	/Toni M. Sousa/
DATE SIGNED:	10/24/2019

Total Attachments: 4

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PATENT 505739610 REEL: 050817 FRAME: 0170

PATENT/Joint Assignment Docket No.: 113454.00479/116944.01

ASSIGNMENT

WHEREAS, we, <u>David Meiri</u> and <u>Anton Kucherov</u> 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 <u>System and Method for Deduplication-Aware Replication with an Unreliable Hash</u> (Application), the specification of which:

[X]	States Patent Office;	te herewith and is about to	be filed in the	United
	was filed on	_ as U.S. Application No.		;
[]	was patented under U.S. Pate	ent No or	1	<u></u> • .

WHEREAS, EMC IP Holding Company, LLC (hereinafter "ASSIGNEE"), a corporation 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

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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 Docket No.: 113454.00479/116944.01

Date: 10/22/19

Inventor's Signature

Print full name of inventor:

Residence:

Citizenship:

Mailing Address:

David Meiri

Somerville, MA

United States

29 Highland Road Somerville, MA 02144

PATENT/Joint Assignment Docket No.: 113454.00479/116944.01

Date:

10/23/2019

<u>Kerov</u>

Inventor's Signature

Print full name of inventor

Residence

Anton Kucherov

Dudley, MA

Citizenship

Mailing Address

Israel

72 Flaxfield Road Dudley, MA 01571

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RECORDED: 10/24/2019

PATENT

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