

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMNON NAAMAD	07/12/2017
ADNAN SAHIN	07/13/2017
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:	15649925
CORRESPONDENCE DATA	
Fax Number:	(978)264-9119
<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:	978 264 4001
Email:	kgorecki@smmalaw.com
Correspondent Name:	ANDERSON GORECKI LLP
Address Line 1:	2 DUNDEE PARK
Address Line 4:	ANDOVER, MASSACHUSETTS 01810
ATTORNEY DOCKET NUMBER:	108893.01 / 130-174-JCG
NAME OF SUBMITTER:	JOHN C GORECKI REG NO 38471
SIGNATURE:	/John C Gorecki/
DATE SIGNED:	07/14/2017
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, Adnan Sahin and Amnon Naamad, 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

Cache Hit Ratio Simulation Using A Partial Data Set

, which:

☒ [X] 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"), a Delaware limited liability company 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 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, I 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, I have hereunto set my hand and affixed my seal as set forth below:

Date: 7/12/2017

Amnon Naamad
Inventor's Signature

Print full name of inventor:

Amnon Naamad

Residence:

84 Beals St., Unit 2
Brookline, MA 02446

Citizenship:

USA

Mailing Address:

84 Beals St., Unit 2
Brookline, MA 02446

STATE/COMMONWEALTH OF Massachusetts
COUNTY OF Middlesex

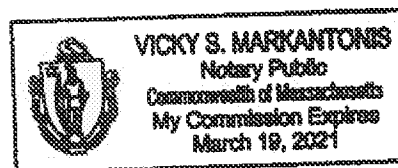
On this 12th day of July, 2017, then personally appeared before me the above-named Amnon Naamad known to me through satisfactory evidence of identification ☒ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Vicky S. Markantonis


Notary Public

Print Name: Vicky S. Markantonis

My Commission expires 3/19/21




Date: 7/13/17


Inventor's Signature

Print full name of inventor: Adnan Sahin
Residence: 140 Pine Grove St.
Needham, MA 02494
Citizenship: USA
Mailing Address: 140 Pine Grove St.
Needham, MA 02494

STATE/Commonwealth of Massachusetts
COUNTY OF Middlesex, ss.

On this 13th day of July, 2017, then personally appeared before me the
above-named Adnan Sahin known to me through satisfactory evidence of identification ☒
employee identification card; ☐ driver's license; ☐ (other) _____ 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.


Notary Public

Print Name: Vicky S. Markantonis
My Commission expires 3/19/21

