504429385 06/23/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SWEETESH SINGH	06/14/2017
ASHISH KAMRA	06/15/2017

### **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:	15582239

#### CORRESPONDENCE DATA

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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.

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Address Line 4: ANDOVER, MASSACHUSETTS 01810

ATTORNEY DOCKET NUMBER:	130-167 EMC-16-1000
NAME OF SUBMITTER:	JOHN C GORECKI, REG NO 38471
SIGNATURE:	/John C Gorecki/
DATE SIGNED:	06/23/2017

#### **Total Attachments: 4**

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> **PATENT** REEL: 042800 FRAME: 0390 504429385

### ASSIGNMENT

WHEREAS, we, Sweetesh Singh and Ashish Kamra, 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

# Workload Aware Dynamic CPU Processor Core Allocation

whi	ch:	
	[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: 06/14/2017	Sweetsh Inventor's Signature
	Recontrol of Digitation
Print full name of inventor: Residence: Citizenship: Mailing Address:	Sweetesh Singh  295 Turnpike Road, Westborough MA 01581 India  295 Turnpike Road, Westborough MA 01581
STATE/COMMONWEALTH OF MIC	ISSACHUSETTS MAESEY
On thisday of, 2017, then personally appeared before me the above-named Sweetesh Singh known to me through satisfactory evidence of identification [] employee identification card; [	
	Notary Public
	Print Name: JUDE M. ANSELME
	My Commission expires 25/21/2018
	JUDE M. ANSELME Notary Public Commonwealth of massachusetts My Commission Expires

Date: JUN 15 2017	Monta
	Inventor's Signature
Print full name of inventor: Residence: VSA Citizenship: INDIA Mailing Address:	Ashish Kamra 14 Temple St., Apt. 4B, Framingham, MA 01702 India 14 Temple St., Apt. 4B, Framingham, MA 01702
STATE/COMMONWEALTH OF COUNTY OF	MASSACHUS ETTS Middlesex
above-named <u>Ashish Kamra</u> known employee identification card; [⊻] depends on whose name is subscribe	2017, then personally appeared before me the to me through satisfactory evidence of identification [] lriver's license; [] (other)
were J. KOS	Notary Public O INDSCENSE-
* 1000	Print Name: <u>WITHAM J Koscens</u> K  My Commission expires 12/21/2018
TAMA ONWEATER	