503542478 10/27/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3589105

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARTHIK KUMAR	10/20/2015
MARTIN P DIMITROV	10/20/2015
THOMAS WILLHALM	10/23/2015

RECEIVING PARTY DATA

Name:	INTEL CORPORATION	
Street Address:	2200 MISSION COLLEGE BOULEVARD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14921809

CORRESPONDENCE DATA

Fax Number: (973)422-2927

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.

Email: chernandez@lowenstein.com

Correspondent Name: PATENT DOCKET ADMINISTRATOR

Address Line 1: LOWENSTEIN SANDLER, LLP Address Line 2: 65 LIVINGSTON AVENUE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER:	P86530
NAME OF SUBMITTER:	NATHAN O. GREENE
SIGNATURE:	/Nathan O. Greene/
DATE SIGNED:	10/27/2015

Total Attachments: 3

source=27517.377 (L0377) Assignment#page1.tif source=27517.377 (L0377) Assignment#page2.tif source=27517.377 (L0377) Assignment#page3.tif

PATENT 503542478 REEL: 036895 FRAME: 0863

Attorney Docket No.: P86530

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

KARTHIK KUMAR; MARTIN P. DIMITROV; THOMAS WILLHALM

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

IMPROVING LATENCY BY PERSISTING DATA RELATIONSHIPS IN RELATION TO CORRESPONDING DATA IN PERSISTENT MEMORY

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on October 23, 2	2015		
U.S. COUNTRY or International Office	Application Number	14/921,809	_and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions

PATENT REEL: 036895 FRAME: 0864

Attorney Docket No.: P86530

and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

KARTHIK KUMAR Date signed

MARTIN P. DIMITROV Date signed

 ZAMAS WILLHALM
 23-04-2015

 THOMAS WILLHALM
 Date signed

Page 2 of 2

and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

- Ohndrog	/0 - 20-201 <u>≤</u> Date signed	
KARTHIK KUMAR		
Maha Duna	10 - 20 - 2015	
MARTIN P. DIMITROV	Date signed	
THOMAS WILLHALM	Date signed	