503471554 09/09/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YEN-CHENG LIU	07/28/2015
AAMER JALEEL	06/05/2015
BONGJIN JUNG	09/09/2015
ZESHAN A. CHISHTI	06/29/2015
ADRIAN C. MOGA	06/10/2015
ERIC DELANO	07/22/2015
REN WANG	07/06/2015

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:	14484642

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	05220.265 (L265)
NAME OF SUBMITTER:	ROHINI K. GARG
SIGNATURE:	/Rohini K. Garg/
DATE SIGNED:	09/09/2015

503471554 PATENT REEL: 036521 FRAME: 0960

Total Attachments: 8 source=P64119_Assignment#page1.tif source=P64119_Assignment#page2.tif source=P64119_Assignment#page3.tif source=P64119_Assignment#page4.tif source=P64119_Assignment#page5.tif source=P64119_Assignment#page6.tif source=P64119_Assignment#page7.tif source=P64119_Assignment#page8.tif

PATENT REEL: 036521 FRAME: 0961

Attorney Docket No.: P64119

ASSIGNMENT

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

YEN-CHENG LIU; AAMER JALEEL; BONGJIN JUNG; ZESHAN A. CHISHTI; ADRIAN C. MOGA; ERIC DELANO; REN WANG

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2300 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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

Virtual Shared Cache Mechanism in a Processing Device

(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 September 12.	2014 as	
United States COUNTRY or International Office	Application Number 14/484,642	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 Additional Applications, 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

Page i of 2

	07/48/18
Ven-Cheng Liu	ログタング / 1年 Date signed
Aamer Jaleel	Date signed
Bongjin Jung	Pata sinand
дондии лиц	Date signed
Zeshan A. Chishti	Date signed
Adrian C, Moga	Date signed
Eric Delano	Date signed
Ren Wang	Date signed

Yen-Cheng Liu	Date signed
<u> Vande</u>	6/5/2015
Aamer Jaleel	Date signed
Bongjin Jung	Date signed
Zeshan A. Chishti	Date signed
Adrian C. Moga	Date signed
Eric Delano	Date signed
Ren Wang	Date signed

Yen-Cheng Liu	Date signed
Aamer Jaleel	Date signed
Monns Inf	9/9/2015
Bongjin Jung	Date signed
Zeshan A. Chishti	Date signed
Adrian C. Moga	Date signed
Eric Delano	Date signed
Ren Wang	 Date signed

Attorney Docket No.: P64119

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

Yen-Cheng Liu	Date signed
Aamer Jaleel	Date signed
Bongjin Jung	Date signed
<u> </u>	06/29/15
Zeshan A. Chishti	Date signed
Adrian C. Moga	Date signed
Eric Delano	Date signed
Ren Wang	Date signed

Yen-Cheng Liu	Date signed
Aamer Jaleel	Date signed
Bongjin Jung	Date signed
Zeshan A. Chishti	Date signed
Adrian C. Moga	June 10, 2015 Date signed
Eric Delano	Date signed
Ren Wang	Date signed

Yen-Cheng Liu	Date signed
Aamer Jaleel	Date signed
Bongjin Jung	Date signed
Zeshan A. Chishti	Date signed
Adrian C. Moga	Date signed
Ein Pajary	7/22/15
Eric Delano	Date signed
Ren Wang	Date signed

Attorney Docket No.: P64119

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 Assignce, 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.

Yen-Cheng Liu	Date signed
Aamer Jaleel	Date signed
Bongjin Jung	Date signed
Zeshan A. Chishti	Date signed
Adrian C. Moga	Date signed
Eric Delano	Date signed
	7/6/2015
Ren Wang	Date signed

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