PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4198933

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT B. TAYLOR	12/22/2016
PANKAJ SHARMA	12/01/2016
DANIEL H. WALSH	11/10/2016
MATTHEW B. CALLAWAY	11/15/2016

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:	15043018

CORRESPONDENCE DATA

Fax Number: (919)999-2798

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: (919) 636-4767

Email: vvann@kdbfirm.com

Correspondent Name: KACVINSKY DAISAK BLUNI PLLC

Address Line 1: 430 DAVIS DRIVE

Address Line 2: SUITE 150

Address Line 4: MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	P94937/1020P94937
NAME OF SUBMITTER:	VICKI K. VANN
SIGNATURE:	/vicki k. vann/
DATE SIGNED:	12/22/2016

Total Attachments: 8

source=P94937_SignedAssignment#page1.tif source=P94937_SignedAssignment#page2.tif

PATENT 504152260 REEL: 040755 FRAME: 0505

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

ROBERT B. TAYLOR; PANKAJ SHARMA; DANIEL H. WALSH; MATTHEW B. CALLAWAY

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 other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

GRAPHICS HARDWARE BOTTLENECK IDENTIFICATION AND EVENT PRIORITIZATION

(I hereby authorize designated lines bel	and request any a ow, the filing date	attorney having appropriate and application number of s	authority from the assign said application when kno	ee to insert on the own.)
which was t	iled on <u>February</u>	12, 2016	as	
<u>US</u> COUNTR	Y or International		15/043,018	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

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.

	12/22/16
ROBERT B. TAYLOR	Date signed
PANKAJ SHARMA	Date signed
DANIEL H. WALSH	Date signed
MATTHEW B. CALLAWAY	Date signed

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US COUNTRY or Inter	1 1	15/043,018	and

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ROBERT B. TAYLOR	Date signed
Panbaj Maine	01/12/2016
PANKAJ SHARMA	Date signed
DANIEL H. WALSH	Date signed
MATTHEW B. CALLAWAY	Date signed

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US COUNTRY or International Office	Application Number	15/043,018	8	and

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ROBERT B. TAYLOR	Date signed
PANKAJ SHARMA	Date signed
Dand WDR	11/10/2016
DANIEL H. WALSH	Date signed
MATTHEW B. CALLAWAY	Date signed

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PANKAJ SHARMA	Date signed	
DANIEL H. WALSH	Date signed	
Matthew A. Whavy	11/15/2016	
MATTHEW B. CALLAWAY	Date signed	

Page 2 of 2

RECORDED: 12/22/2016