

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROBERT VALENTINE	12/18/2018
	GALINA RYVCHIN	12/16/2018
	PIOTR MAJCHER	03/01/2019
	MARK J. CHARNEY	10/27/2017
	ELMOUSTAPHA OULD-AHMED-VALL	12/18/2018
	JESUS CORBAL	12/18/2018
	MILIND B. GIRKAR	12/14/2018
	ZEEV SPERBER	12/16/2018
	SIMON RUBANOVICH	12/13/2018
	AMIT GRADSTEIN	12/13/2018
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	
PCT Number:	US2016057991	
CORRESPONDENCE DATA		
Fax Number:	(408)675-0442	
<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:	408-675-0441	
Email:	ndwe_docketing@cardinal-ip.com	
Correspondent Name:	NICHOLSON DE VOS WEBSTER & ELLIOTT LLP	
Address Line 1:	99 ALMADEN BOULEVARD, SUITE 710	
Address Line 4:	SAN JOSE, CALIFORNIA 95113	
ATTORNEY DOCKET NUMBER:	42P95939PCT	

NAME OF SUBMITTER:	DAVID F. NICHOLSON
SIGNATURE:	/David F. Nicholson/
DATE SIGNED:	03/07/2019
Total Attachments: 8 source=P95939PCT_ASSIGN#page1.tif source=P95939PCT_ASSIGN#page2.tif source=P95939PCT_ASSIGN#page3.tif source=P95939PCT_ASSIGN#page4.tif source=P95939PCT_ASSIGN#page5.tif source=P95939PCT_ASSIGN#page6.tif source=P95939PCT_ASSIGN#page7.tif source=P95939PCT_ASSIGN#page8.tif	

ASSIGNMENT

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

ROBERT VALENTINE; GALINA RYVCHIN; PIOTR MAJCHER; MARK J. CHARNEY;
ELMOUSTAPHA OULD-AHMED-VALL; JESUS CORBAL; MILIND B. GIRKAR;
ZEEV SPERBER; SIMON RUBANOVICH; AMIT GRADSTEIN

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:

SYSTEMS, APPARATUSES, AND METHODS FOR FUSED MULTIPLY ADD

(I hereby authorize and request my attorney, associated with customer number 131413, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on October 30, 2016 US

PCT Application Number PCT/US16/57991 and
COUNTRY or International Office

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.


ROBERT VALENTINE

Dec 18 2018
Date signed

GALINA RYVCHIN

Date signed

PIOTR MAJCHER

Date signed

MARK J. CHARNEY

Date signed

ELMOUSTAPHA OULD-AHMED-VALL

Date signed

JESUS CORBAL

Date signed

MILIND B. GIRKAR

Date signed


ZEEV SPERBER

16-DEC-2018
Date signed


SIMON RUBANOVICH

13-12-2018
Date signed


AMIT GRADSTEIN

13-12-2018
Date signed

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Date signed

16-Dec-18

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Date signed

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Date signed

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_____ ROBERT VALENTINE	_____ Date signed
_____ GALINA RYVCHIN	_____ Date signed
_____ <i>Majcher</i> PIOTR MAJCHER	_____ 2019-03-04 Date signed
_____ MARK J. CHARNEY	_____ Date signed
_____ ELMOUSTAPHA OULD-AHMED-VALL	_____ Date signed
_____ JESUS CORBAL	_____ Date signed
_____ MILIND B. GIRKAR	_____ Date signed
_____ ZEEV SPERBER	_____ Date signed
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ROBERT VALENTINE


Date signed

GALINA RYVCHIN

Date signed

PIOTR MAJCHER

Date signed



MARK J. CHARNEY

2017-10-27

Date signed

ELMOUSTAPHA OULD-AHMED-VALL

Date signed

JESUS CORBAL

Date signed

MILIND B. GIRKAR

Date signed

ZEEV SPERBER

Date signed

SIMON RUBANOVICH

Date signed

AMIT GRADSTEIN

Date signed

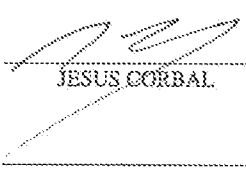
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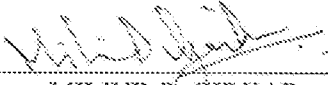
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 _____ JESUS CORBAL	12-18-2017 _____ Date signed
_____ MILIND B. GIRKAR	_____ Date signed
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JESUS CORBAL	Date signed
 MILIND B. GIRKAR	Dec 14, 2018 Date signed
ZEEV SPERBER	Date signed
SIMON RUBANOVICH	Date signed
AMIT GRADSTEIN	Date signed