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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	' DATA			
		Name	Execution Date	
VENKATESWARA RA	AO MADDUF	<u>}</u>	01/21/2020	
ELMOUSTAPHA OUI	LD-AHMED-'	/ALL	09/22/2020	
ROBERT VALENTIN	E		12/20/2020	
RECEIVING PARTY	DATA			
Name:	ame: INTEL CORPORATION			
Street Address:	2200 MI	MISSION COLLEGE BOULEVARD		
City:	SANTA	NTA CLARA		
State/Country:	CALIFO	LIFORNIA		
Postal Code:	95054	95054		
Application Number	: 1	6617890		
	(Il be sent to if provided, 2 co e: N	408)675-0442 <i>the e-mail address first; if that is a</i> <i>if that is unsuccessful, it will be s</i> 086750441 lianne.neathery@ndwe.com NICHOLSON DE VOS WEBSTER & 0.010000000000000000000000000000000000	sent via US Mail. ELLIOTT LLP	
		9 ALMADEN BOULEVARD, SUITE	JOSE, CALIFORNIA 95113	
		-		
ATTORNEY DOCKET NUMBER:		42P111922PCT-US		
		THOMAS C. WEBSTER		
		/Thomas C. Webster/		
DATE SIGNED:		03/04/2021	03/04/2021	
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ASSIGNMENT

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

Venkateswara Rao MADDURI; Elmoustapha OULD-AHMED-VALL; Robert VALENTINE

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:

APPARATUS AND METHOD FOR MULTIPLICATION AND ACCUMULATION OF COMPLEX VALUES

(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 <u>November 27, 2019</u> as

US Application Number <u>16/617,890</u> 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

Page 1 of 2

PATENT REEL: 055493 FRAME: 0537

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.

M. Venkale Swaw Los Venkateswara Rao MADDURI

Elmoustapha OULD-AHMED-VALL

Date signed

Date signed

Robert VALENTINE

PATENT REEL: 055493 FRAME: 0538

Page 2 of 2

Attorney Docket No.: P111922PCT-US

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.

Venkateswara Rao MADDURI

Elmoustapha OULD-AHMED-VALL

Date signed

Date signed

Robert VALENTINE

Date signed

PATENT REEL: 055493 FRAME: 0539

Page 2 of 2

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