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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MENACHEM ADELMAN	12/09/2020
ROBERT VALENTINE	12/24/2020
DANIEL TOWNER	12/09/2020
AMIT GRADSTEIN	12/09/2020
MARK JAY CHARNEY	12/08/2020

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:	17133473

CORRESPONDENCE DATA

Fax Number: (408)675-0442

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: 4086750441

Email: dianne.neathery@ndwe.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:	42AD1777-US
NAME OF SUBMITTER:	THOMAS C. WEBSTER
SIGNATURE:	/Thomas C. Webster/
DATE SIGNED:	12/29/2020

Total Attachments: 6

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PATENT REEL: 054767 FRAME: 0612

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> PATENT REEL: 054767 FRAME: 0613

ASSIGNMENT

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

Menachem Adelman; Robert Valentine; Daniel Towner; Amit Gradstein; Mark Jay Charney;

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 COMPLEX MATRIX MULTIPLICATION

(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	December 23, 2020	2020 as	
US	Application Number	17/133,473	and
COUNTRY or Internation	al 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 Page 1 of 2

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mei Case Reference: AD1777-US

The mixture thereof; and generally assist said Assignee, its successors, assigns, or logal representatives in securing and manuscrime 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 logal representatives; and

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

M.Adelmars	(2/9/2020
Mënachem Adelman	Date signed
 Robert Valentine	Date signed
Daniel Towner	Date signed
Amit Gradstein	Date signed
Mark Iav Charney	Date signed

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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 fir 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 Assignme, its successors, assigns, and legal representatives that no assignment, grain, morigage, 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.

Menachem Adelman	Date signed
Robert Valentine	Date signed
Allage	9/12/2020
Daniel Towner	Date signed
Amit Gradstein	Date signed
Mark Iav Charnev	Date signed

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

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Menachem Adelman	Date signed
Robert Valentine	Date signed
Daniel Towner	Date signed
Amit GPadsfein	Dec 9, 2020 Date signed
Mark Jay Charney	Date signed

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Date signed
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Date signed