

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6864595

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHISHEK R. APPU	09/09/2020
ALTUG KOKER	09/01/2020
ARAVINDH ANANTARAMAN	06/20/2020
ELMOUSTAPHA OULD-AHMED-VALL	08/20/2020
VALENTIN ANDREI	06/26/2020
NICOLAS GALOPPO VON BORRIES	03/31/2020
VARGHESE GEORGE	05/08/2020
MIKE MACPHERSON	04/01/2020
SUBRAMANIAM MAIYURAN	06/02/2020
JOYDEEP RAY	04/07/2020
LAKSHMINARAYANAN STRIRAMASSARMA	08/19/2020
SCOTT JANUS	09/02/2020
BRENT E. INSKO	05/05/2020
VASANTH RANGANATHAN	09/11/2020
KAMAL SINHA	08/18/2020
ARTHUR HUNTER	04/01/2020
PRASOONKUMAR SURTI	09/12/2020
DAVID PUFFER	06/04/2020
JAMES VALERIO	04/02/2020
ANKUR N. SHAH	09/10/2020

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:	17431034

CORRESPONDENCE DATA**Fax Number:**

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.

Email: intel-paralegals@jwmhlaw.com**Correspondent Name:** JAFFERY WATSON MENDONSA & HAMILTON LLP**Address Line 1:** 7501 VILLAGE SQUARE DRIVE, SUITE 206**Address Line 4:** CASTLE PINES, COLORADO 80108**ATTORNEY DOCKET NUMBER:** AC8155-PCT-US**NAME OF SUBMITTER:** KRISTA BOWEN**SIGNATURE:** /Krista Bowen/**DATE SIGNED:** 08/13/2021**Total Attachments: 21**

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ASSIGNMENT

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

Abhishek R. Appu; Altug Koker; Aravindh Anantaraman; Elmoustapha Ould-Ahmed-Vall; Valentin Andrei; Nicolas Galoppo Von Borries; Varghese George; Mike Macpherson; Subramaniam Maiyuran; Joydeep Ray; Lakshminarayanan Striramassarma; Scott Janus; Brent Insko; Vasanth Ranganathan; Kamal Sinha; Arthur Hunter; Prasoonkumar Surti; David Puffer; James Valerio; Ankur N. Shah

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:

MULTI-TILE MEMORY MANAGEMENT

(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 March 14, 2020 as
PCT Application Number PCT/US20/22843 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.

Abhishek R. Appu

Abhishek R. Appu

9/9/2020

Date signed

Altug Koker

Date signed

Aravindh Anantaraman

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

Valentin Andrei

Date signed

Nicolas Galoppo Von Borries

Date signed

Varghese George

Date signed

Mike Macpherson

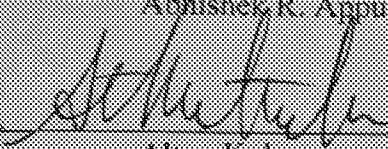
Date signed

Subramaniam Maiyuran

Date signed


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Abhishek R. Appu	Date signed
	9/1/2020
Altug Koker	Date signed
Aravindh Anantaraman	Date signed
Elmoustapha Ould-Ahmed-Vall	Date signed
Valentin Andrei	Date signed
Nicolas Galoppo Von Borries	Date signed
Varghese George	Date signed
Mike Macpherson	Date signed
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 Aravindh Anantaraman	06/20/2020 Date signed
Elmoustapha Ould-Ahmed-Vall	Date signed
Valentin Andrei	Date signed
Nicolas Galoppo Von Borries	Date signed
Varghese George	Date signed
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Altug Koker	Date signed
_____	_____
Aravindh Anantaraman	Date signed
_____	_____
Elmoustapha Ould-Ahmed-Vall	Date signed
	06/26/2020
Valentin Andrei	Date signed
_____	_____
Nicolas Galoppo Von Borries	Date signed
_____	_____
Varghese George	Date signed
_____	_____
Mike Macpherson	Date signed
_____	_____
Subramaniam Maiyuran	Date signed

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_____ Aravindh Anantaraman	_____ Date signed
_____ Elmoustapha Ould-Ahmed-Vall	_____ Date signed
_____ Valentin Andrei	_____ Date signed
 _____ Nicolas Galøppo Von Borries	03/31/2020 _____ Date signed
_____ Varghese George	_____ Date signed
_____ Mike Macpherson	_____ Date signed
_____ Subramaniam Maiyuran	_____ Date signed


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Aravindh Anantaraman	Date signed
Elmoustapha Ould-Ahmed-Vall	Date signed
Valentin Andrei	Date signed
Nicolas Galoppo Von Borries	Date signed
 Varghese George	5/8/20 Date signed
Mike Macpherson	Date signed
Subramaniam Maiyuran	Date signed

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_____ Valentin Andrei	_____ Date signed
_____ Nicolas Galoppo Von Borries	_____ Date signed
_____ Varghese George	_____ Date signed
_____  Mike Macpherson	4/1/2020 _____ Date signed
_____ Subramaniam Maiyuran	_____ Date signed

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Valentin Andrei	Date signed
Nicolas Galoppo Von Borries	Date signed
Varghese George	Date signed
Mike Macpherson	Date signed
<i>S. Maiyuran</i> Subramaniam Maiyuran	06/02/20 Date signed

Jaydeep Ray
Joydeep Ray

4-7-20

Date signed

Lakshminarayanan Striramassarma

Date signed

Scott Janus

Date signed

Brent Insko

Date signed

Vasanth Ranganathan

Date signed

Kamal Sinha

Date signed

Arthur Hunter

Date signed

Prasoonkumar Surti

Date signed

David Puffer


Date signed

James Valerio


Date signed

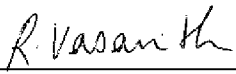
Ankur N. Shah

Date signed

Joydeep Ray	Date signed
	08-19-2020
Lakshminarayanan Striramassarma	Date signed
Scott Janus	Date signed
Brent Insko	Date signed
Vasanth Ranganathan	Date signed
Kamal Sinha	Date signed
Arthur Hunter	Date signed
Prasoonkumar Surti	Date signed
David Puffer	Date signed
James Valerio	Date signed
Ankur N. Shah	Date signed

Joydeep Ray	Date signed
Lakshminarayanan Striramassarma	Date signed
 Scott Janus	9-2-28 Date signed
Brent Insko	Date signed
Vasanth Ranganathan	Date signed
Kamal Sinha	Date signed
Arthur Hunter	Date signed
Prasoonkumar Surti	Date signed
David Puffer	Date signed
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	5/5/20
Brent E. Insko	Date signed
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Scott Janus	Date signed
Brent Insko	Date signed
Vasanth Ranganathan	Date signed
<i>Kamal Sinha</i> Kamal Sinha	08/18/2020 Date signed
Arthur Hunter	Date signed
Prasoonkumar Surti	Date signed
David Puffer	Date signed
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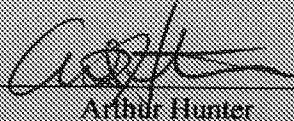
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Vasanth Ranganathan

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Kamal Sinha

Date signed



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4/1/20
Date signed

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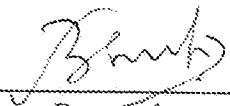
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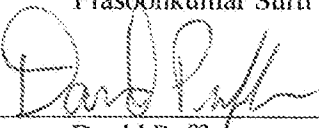
James Valerio

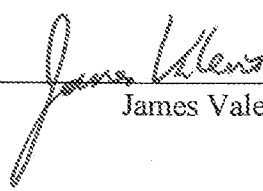
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Ankur N. Shah

Date signed

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James Valerio	Date signed
	09/10/2020
Ankur N. Shah	Date signed