506667002 05/17/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6713817 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABHIMANYU KANAIYA VARDE	05/13/2021
KARUNA RAMKUMAR	05/13/2021
ROBERT VALENTINE	04/27/2021

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:	17134322

CORRESPONDENCE DATA

Fax Number: (281)970-4503

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: 281.970.4545

Email: docket@fyiplaw.com, osterhaus@fyiplaw.com, fy-intel@fyiplaw.com,

hayes@fyiplaw.com

Correspondent Name: INTEL CORPORATION C/O FLETCHER YODER PC

Address Line 1: P.O.BOX 692289

Address Line 4: HOUSTON, TEXAS 77269-2289

ATTORNEY DOCKET NUMBER:	AD2420-US (INTL:0524)
NAME OF SUBMITTER:	MATTHEW G. OSTERHAUS
SIGNATURE:	/Matthew G. Osterhaus/
DATE SIGNED:	05/17/2021

Total Attachments: 4

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PATENT 506667002 REEL: 056263 FRAME: 0788

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PATENT REEL: 056263 FRAME: 0789

Attorney Docket No.: AD2420-US

ASSIGNMENT

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

Abhimanyu Kanaiya Varde: Karuna Ramkumar; 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.

MEMORY-INDEPENDENT AND SCALABLE STATE COMPONENT INITIALIZATION FOR A PROCESSOR

(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.)

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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

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The Court of States and generally assess and Assigned its outcessors, assigns, or legal representatives in security and consistent on the court of t

coverant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgago, 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.

	5/3/2021
Abhimanyu Kanaiya Varde	Date signed
Karuna Ramkumar	Date signed
Robert Valentine	Date signed

Attorney Docket No.: AD2420-US

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 Assignce, 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.

Abhimanyu Kanaiya Varde	Date signed
Narumf	13th May 2021
Karuna Ramkumar	Date signed
Robert Valentine	Date signed

Karan Bantuna Bantu Annan	