

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6853479

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALTUG KOKER	07/23/2021
LAKSHMINARAYANAN STRIRAMASSARMA	08/19/2020
ARAVINDH ANANTARAMAN	06/20/2020
VALENTIN ANDREI	06/26/2020
ABHISHEK R. APPU	09/09/2020
SEAN COLEMAN	03/31/2021
VARGEHESE GEORGE	05/08/2020
K PATTABHIRAMAN	10/11/2020
MIKE MACPHERSON	04/01/2020
SUBRAMANIAM MAIYURAN	06/02/2020
ELMOUSTAPHA OULD-AHMED-VALL	08/20/2020
VASANTH RANGANATHAN	09/11/2020
JOYDEEP RAY	04/07/2020
S JAYAKRISHNA P	06/03/2020
PRASOONKUMAR SURTI	09/12/2020
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:	17429291
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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:	AC8197-PCT-US
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NAME OF SUBMITTER:	KRISTA BOWEN
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SIGNATURE:	/Krista Bowen/
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DATE SIGNED:	08/06/2021
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Total Attachments: 16

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ASSIGNMENT

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

Altug Koker; Lakshminarayanan Striramassarma; Aravindh Anantaraman; Valentin Andrei; Abhishek R. Appu; Sean Coleman; Varghese George; Pattabhiraman K; Mike Macpherson; Subramaniam Maiyuran; Elmoustapha Ould-Ahmed-Vall; Vasanth Ranganathan; Joydeep Ray; Jayakrishna P. S; Prasoonkumar Surti

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:

CACHE STRUCTURE AND UTILIZATION

(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/US20/22849 and
COUNTRY or International Office

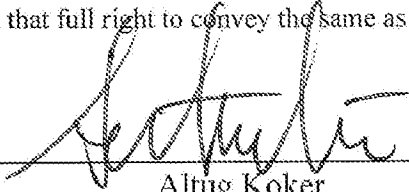
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below.

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.


 Altug Koker

7/23/21
 Date signed

 Lakshminarayanan Striramassarma

 Date signed

 Aravindh Anantaraman

 Date signed

 Valentin Andrei

 Date signed

 Abhishek R. Appu

 Date signed

 Sean Coleman

 Date signed

 Varghese George

 Date signed

 Pattabhiraman K


 Date signed

 Mike Macpherson

 Date signed

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_____ Altug Koker  _____ Lakshminarayanan Striramassarma	_____ Date signed 08-19-2020 _____ Date signed
_____ Aravindh Anantaraman	_____ Date signed
_____ Valentin Andrei	_____ Date signed
_____ Abhishek R. Appu	_____ Date signed
_____ Sean Coleman	_____ Date signed
_____ Varghese George	_____ Date signed
_____ Pattabhiraman K	_____ Date signed
_____ Mike Macpherson	_____ Date signed

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Altug Koker

Date signed

Lakshminarayanan Striramassarma

Date signed


Aravindh Anantaraman

06/20/2020
Date signed

Valentin Andrei

Date signed

Abhishek R. Appu

Date signed

Sean Coleman

Date signed

Varghese George

Date signed

Pattabhiraman K

Date signed

Mike Macpherson

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Altug Koker

Date signed

Lakshminarayanan Striramassarma

Date signed

Aravindh Anantaraman

Date signed

Valentin Andrei

Date signed

06/26/2020

Abhishek R. Appu

Date signed

Sean Coleman

Date signed

Varghese George

Date signed

Pattabhiraman K

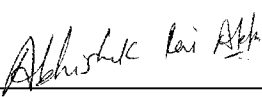
Date signed

Mike Macpherson

Date signed

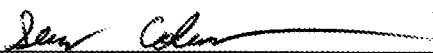
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_____ Aravindh Anantaraman	_____ Date signed
_____ Valentin Andrei	_____ Date signed
_____  Abhishek R. Appu	_____ 9/9/2020 Date signed
_____ Sean Coleman	_____ Date signed
_____ Varghese George	_____ Date signed
_____ Pattabhiraman K	_____ Date signed
_____ Mike Macpherson	_____ Date signed

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_____ Aravindh Anantaraman	_____ Date signed
_____ Valentin Andrei	_____ Date signed
_____ Abhishek R. Appu	_____ Date signed
_____  Sean Coleman	_____ 3/31/2020 Date signed
_____ Varghese George	_____ Date signed
_____ Pattabhiraman K	_____ Date signed
_____ Mike Macpherson	_____ Date signed

Attorney Docket No.: AC8197-PCT

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Date signed

Aravindh Anantaraman

Date signed

Valentin Andrei

Date signed

Abhishek R. Appu

Date signed

Sean Coleman

Date signed


Varghese George

5/8/20
Date signed

Pattabhiraman K

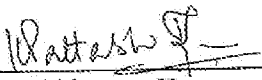
Date signed

Mike Macpherson

Date signed


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_____ Abhishek R. Appu	_____ Date signed
_____ Sean Coleman	_____ Date signed
_____ Varghese George	_____ Date signed
_____  Pattabhiraman K	_____ 11-01-2020 Date signed
_____ Mike Macpherson	_____ Date signed

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_____ Abhishek R. Appu	_____ Date signed
_____ Sean Coleman	_____ Date signed
_____ Varghese George	_____ Date signed
_____ Pattabhiraman K	_____ Date signed
_____ 	_____ 4/1/2020
_____ Mike Macpherson	_____ Date signed

S. Maiyuran

Subramaniam Maiyuran

06/02/20

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

Vasanth Ranganathan

Date signed

Joydeep Ray

Date signed

Jayakrishna P. S

Date signed

Prasoonkumar Surti

Date signed

Subramaniam Maiyuran

Date signed


Elmoustapha Ould-Ahmed-Vall

08/20/2020

Date signed

Vasanth Ranganathan

Date signed

Joydeep Ray

Date signed

Jayakrishna P. S

Date signed

Prasoonkumar Surti

Date signed

Subramaniam Maiyuran

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

R. Vasanth

Vasanth Ranganathan

09/11/2020

Date signed

Joydeep Ray

Date signed

Jayakrishna P. S

Date signed

Prasoonkumar Surti

Date signed

Subramaniam Maiyuran

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

Vasanth Ranganathan

Date signed

Jaydeep Ray
Jaydeep Ray

4-7-20

Date signed

Jayakrishna P. S

Date signed

Prasoonkumar Surti

Date signed

Attorney Docket No.: AC8197-PCT

Subramaniam Maiyuran

Date signed

Elmoustapha Ould-Ahmed-Vail

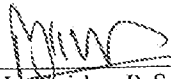
Date signed

Vasanth Ranganathan

Date signed

Joydeep Ray

Date signed


Jayakrishna P. S.

06.03.2020

Date signed

Prasoonkumar Surti

Date signed

Subramaniam Maiyuran

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

Vasanth Ranganathan

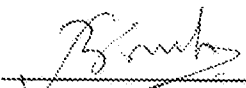
Date signed

Joydeep Ray

Date signed

Jayakrishna P. S

Date signed



Prasoonkumar Surti

09/12/20

Date signed