505894973 01/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5941674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARASH HAZEGHI	01/31/2020
PRANAV KALAVADE	01/31/2020
ROHIT SHENOY	01/31/2020
KRISHNA PARAT	01/31/2020

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:	16779472

CORRESPONDENCE DATA

Fax Number: (503)796-2900

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: (503) 222-9981

Email: adonnell@schwabe.com

Correspondent Name: SCHWABE, WILLIAMSON & WYATT, P.C. Address Line 1: 1211 SW FIFTH AVENUE, SUITE 1600

Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	134296-251299 (AC1798-US)	
NAME OF SUBMITTER:	ASHLEY A. DONNELL	
SIGNATURE:	/Ashley A. Donnell/	
DATE SIGNED:	01/31/2020	

Total Attachments: 4

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PATENT 505894973 REEL: 051691 FRAME: 0043

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PATENT REEL: 051691 FRAME: 0044

Attorney Docket No.: AC1798-US

ASSIGNMENT

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

Arash Hazeghi; Pranav Kalavade; Rohit Shenoy; Krishna Parat

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:

APPARATUSES, SYSTEMS, AND METHODS FOR HEATING A MEMORY DEVICE

(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	January 31, 2020	as	
<u>United States</u> COUNTRY or Inte	Application Number _	16/779,472	and

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

PATENT REEL: 051691 FRAME: 0045 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

coverant with said Assigner, its successors, assigns, and legal representatives that no assignment, grant, mortgage, ficense, 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.

Autonii -	1137/2020
Arash Mazeghi	Date signed
*	
Pranay Kalavade	Date signed
	JAN 31 2020
Rohit Shenoy	Date signed
Krichna Parat	Date signed

Attorney Docket No.: AC1798-US

than familiary proper potent 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 Assigner, in successors assigns, and legal representatives, and

Oversom with eard Acorptice, its outcosors, assigns, and legal representatives that no assignment, grant, morroage, because, or other agreement affecting the rights and property become conveyed has been made to others by the andensigned, and that full right to convey the same as become approperly is possessed by the andersigned.

Arash Hazeghi	Date signed
	1/31/20
Pranav Kalavade	Date signed
Rohit Shenoy	Date signed
Krichna Porar	Date sioned

manufacture proper parent projection for each inventions and majors care and for verting rate to each inventions and improvements, and all applications for parents and all parents on each improvements in each Assigner, in successions, according to and legal representatives; and

conclusion with said. Assigned, the successors, assigns, and legal representatives that an essignment, grain, mortgage, because or other agreement affecting the rights and properly herein conveyed has been made in others by the use-designed, and that full right to convey the same as because appeared in processed by the orders greek.

Prantiv Kalasyade Date signed Robit Shenoy Date signed //	Arasii Hazegin	Date signed
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Rotat Sherior Date stened	CORREST ASSESSOR	Office Station
	Robin Sheney	Date stened
1181/2020	Lacerman	1/31/2020