

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5924209

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANNA TRIKALINO	06/25/2019
DANIEL S. LAKE	06/25/2019
SHAM M. DATTA	06/25/2019
ASHER M. ALTMAN	06/25/2019
JOHN K. GROOMS	06/25/2019
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:	16457928
CORRESPONDENCE DATA	
Fax Number:	(480)499-5758
<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>	
Phone:	(480) 912-8698
Email:	della@allianceip.com, docket@allianceip.com
Correspondent Name:	DELLA L. GONZALES
Address Line 1:	20 E. THOMAS RD., SUITE 2200, PMB 96
Address Line 2:	ALLIANCE IP, LLC
Address Line 4:	PHOENIX, ARIZONA 85012
ATTORNEY DOCKET NUMBER:	AB0757-US
NAME OF SUBMITTER:	DELLA L. GONZALES
SIGNATURE:	/Della L. Gonzales/
DATE SIGNED:	01/22/2020
Total Attachments: 5	

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ASSIGNMENT

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

**Anna Trikalinou, Daniel S. Lake,
Sham M. Datta, Asher M. Altman, and John K. Grooms**

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:

WARM BOOT ATTACK MITIGATIONS FOR NON-VOLATILE MEMORY MODULES

(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 June 29, 2019 as

US Application Number 16/457,928 and
COUNTRY or International Office

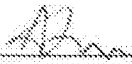
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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 provisional, 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.


.....
Anna Trikalinou

6/25/2019
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Date


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Daniel S. Lake

6/25/2019
.....
Date

.....
Sham M. Datta

.....
Date

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Asher M. Altman

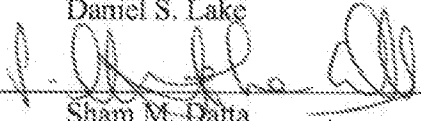
.....
Date

.....
John K. Grooms

.....
Date


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.

_____ Anna Trikalinou	_____ Date
_____ Daniel S. Lake	_____ Date
 _____ Sham M. Dalta	<u>6/25/2019</u> _____ Date
_____ Asher M. Altman	_____ Date
_____ John K. Grooms	_____ Date


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.

..... Anna Trikalinou Date
..... Daniel S. Lake Date
..... Sham M. Datta Date
 Asher M. Altman 6/25/2019 Date
..... John K. Grooms Date

Maintaining proper patent prosecution for said inventions and improvements and for securing title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Areas, the assignments, drafts, and legal representations and

covenant with said Assignors, the assignments, drafts, and legal representations that to assignment, draft, and application, license, or other agreement affecting the rights and property herein assigned has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

_____	_____
Anna Trakalova	Date
_____	_____
Daniel S. Lake	Date
_____	_____
Shawn M. Duda	Date
_____	_____
Asher M. Altman	Date
	6/25/19
John K. Gorman	Date