506386945 12/04/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAURABH GUPTA	11/19/2020
NIRANJAN SOUNDARARAJAN	12/03/2020
RAGAVENDRA NATARAJAN	12/04/2020
SREENIVAS SUBRAMONEY	12/04/2020

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:	16914338

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.

Phone: 408-675-0441
Email: allison@ndwe.com
Correspondent Name: NDWE LLP/INTEL

Address Line 1: 99 ALMADEN BOULEVARD, SUITE 710

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	42AC7081-US
NAME OF SUBMITTER:	SCOTT A. SIMMONS
SIGNATURE:	/Scott A. Simmons/
DATE SIGNED:	12/04/2020

Total Attachments: 7

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ASSIGNMENT

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

SAURABH GUPTA, NIRANJAN SOUNDARARAJAN, RAGAVENDRA NATARAJAN, SREENIVAS SUBRAMONEY

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:

INSTRUCTION SET ARCHITECTURE BASED AND AUTOMATIC LOAD TRACKING FOR OPPORTUNISTIC RE-STEER OF DATA-DEPENDENT FLAKY BRANCHES

(I hereby authorize and request my attorney, associated with customer number 131413, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	<u>June 27, 2020</u>			as
U.S.		Application Number	16/914,338	and
COUNTRY or Inte	rnational 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.

Saurabh Gupta	Date Signed
Niranjan Soundararajan	Date Signed
Ragavendra Natarajan	Date Signed
Sreenivas Subramoney	Date Signed

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Saurabh Gupta	Date Signed
Niranjan Soundararajan	の多力からに/2020 Date Signed
Ragavendra Natarajan	Date Signed
Sreenivas Subramoney	Date Signed

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Saurath Gupta	Date Stened
Niranjan Soundararajan	Date Signed
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N Page &	12/4/2020
Ragavendra Natarajan	Date Signed
Steeniyas Subramoney	Date Stonest

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Saurabh Gupta	Date Signed
Niranjan Soundararajan	Date Signed
· ·	
Ragavendra Natarajan	Date Signed
//	5/12/2020
Sreenivas Subramoney	Date Signed