506051830 05/08/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANCESC GUIM BERNAT	04/19/2017
KSHITIJ A. DOSHI	11/29/2017
DANIEL RIVAS BARRAGAN	05/08/2020

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSING COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15476875

CORRESPONDENCE DATA

Fax Number: (801)566-0750

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: 8015666633

Email: kimberly.fullmer@tnw.com

Correspondent Name: THORPE NORTH & WESTERN, LLP

Address Line 1: 8180 S. 700 E., SUITE 350 **Address Line 4:** SANDY, UTAH 84070

ATTORNEY DOCKET NUMBER:	P113697
NAME OF SUBMITTER:	TODD B. ALDER
SIGNATURE:	/ToddBAlder/
DATE SIGNED:	05/08/2020

Total Attachments: 4

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> PATENT REEL: 052613 FRAME: 0172

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ASSIGNMENT

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

FRANCESC GUIM BERNAT: KSHITIJ A. DOSHI: DANIEL RIVAS BARRAGAN

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:

PERFORMING DATA OPERATIONS IN A STORAGE AREA NETWORK

(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 31, 2017	as	
US COUNTRY or International Office	Application Number	15/476,875 an	ıd

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

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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

covertant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, beense, 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.

	APR POD
Francesc Guim Bernat	Date signed
Kshirij A. Doshi	
Penni V. 14020	Date signed
Daniel Rivas Barragan	Date signed

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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.

Francese Guim Bernat	Date signed	
July War	Nov 29, 2017-	
Kshitti A. Doshi	Date signed	
Daniel Rivas Barragan	Date signed	

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.

Francesc Guim Bernat Date signed

Kshitij A. Doshi Date signed

Tay 8 2020

Date signed