

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4678531

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	REN WANG	11/06/2017
	JOSEPH NUZMAN	11/07/2017
	SAMANTIKA S. SURY	10/26/2017
	ANDREW J. HERDRICH	10/05/2017
	NAMAKKAL N. VENKATESAN	10/05/2017
	ANIL VASUDEVAN	10/13/2017
	TSUNG-YUAN C. TAI	10/05/2017
	NIAL D. MCDONNELL	10/05/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	INTEL CORPORATION	
<b>Street Address:</b>	2200 MISSION COLLEGE BOULEVARD	
<b>City:</b>	SANTA CLARA	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95054	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15721249
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(408)675-0442	
<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>		
<b>Phone:</b>	408-675-0441	
<b>Email:</b>	heather@ndwe.com	
<b>Correspondent Name:</b>	NICHOLSON DE VOS WEBSTER & ELLIOTT LLP	
<b>Address Line 1:</b>	99 ALMADEN BOULEVARD, SUITE 710	
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95113	
<b>ATTORNEY DOCKET NUMBER:</b>	42P118222-US	
<b>NAME OF SUBMITTER:</b>	WEI-JUN SHIEH	
<b>SIGNATURE:</b>	/Wei-Jun Shieh/	

<b>DATE SIGNED:</b>	11/07/2017
<b>Total Attachments: 10</b> source=42P118222-US_Assignment_signed_all#page1.tif source=42P118222-US_Assignment_signed_all#page2.tif source=42P118222-US_Assignment_signed_all#page3.tif source=42P118222-US_Assignment_signed_all#page4.tif source=42P118222-US_Assignment_signed_all#page5.tif source=42P118222-US_Assignment_signed_all#page6.tif source=42P118222-US_Assignment_signed_all#page7.tif source=42P118222-US_Assignment_signed_all#page8.tif source=42P118222-US_Assignment_signed_all#page9.tif source=42P118222-US_Assignment_signed_all#page10.tif	

## ASSIGNMENT

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

**REN WANG; JOSEPH NUZMAN; SAMANTIKA S. SURY;  
ANDREW J. HERDRICH; NAMAKKAL N. VENKATESAN;  
ANIL VASUDEVAN; TSUNG-YUAN C. TAI; NIAL D. MCDONNELL**

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:

### **SOFTWARE-TRANSPARENT HARDWARE PREDICTOR FOR CORETO-CORE DATA TRANSFER OPTIMIZATION**

(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 September 29, 2017 as

US Application Number 15/721,249 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.



Ren Wang

11/6/2017

Date signed

Joseph Nuzman

Date signed

Samantika S. Sury

Date signed

Andrew J. Herdrich

Date signed

Namakkal N. Venkatesan

Date signed

Anil Vasudevan

Date signed

Tsung-Yuan C. Tai

Date signed

Niall D. McDonnell

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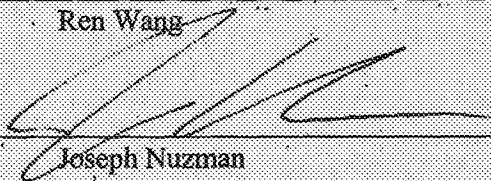
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Ren Wang	Date signed
	11-07-2017
Joseph Nuzman	Date signed
Samantika S. Sury	Date signed
Andrew J. Herdrich	Date signed
Namakkal N. Venkatesan	Date signed
Anil Vasudevan	Date signed
Tsung-Yuan C. Tai	Date signed
Niall D. McDonnell	Date signed

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_____ Ren Wang	_____ Date signed
_____ Joseph Nuzman	_____ Date signed
_____  Samantika S. Sury	_____ 10/26/2017 Date signed
_____ Andrew J. Herdrich	_____ Date signed
_____ Namakkal N. Venkatesan	_____ Date signed
_____ Anil Vasudevan	_____ Date signed
_____ Tsung-Yuan C. Tai	_____ Date signed
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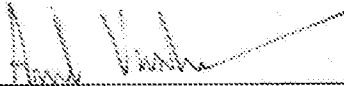
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