PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4190932

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT P. ADLER	12/01/2016
LICHEN WENG	12/02/2016
CHRISTOPHER C. GIANOS	12/15/2016

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:	15383032

CORRESPONDENCE DATA

Fax Number: (713)468-8883

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.

512-418-9944 Phone:

Email: tphpto@tphm.com **Correspondent Name:** MARK J. ROZMAN

Address Line 1: 1616 S. VOSS ROAD, SUITE 750

Address Line 2: TROP, PRUNER & HU, P.C. Address Line 4: HOUSTON, TEXAS 77057

ATTORNEY DOCKET NUMBER: ITL.3580US (P109650) NAME OF SUBMITTER: MARK J. ROZMAN SIGNATURE: /Mark J. Rozman/ **DATE SIGNED:** 12/19/2016

Total Attachments: 3

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> **PATENT** REEL: 040668 FRAME: 0867 504134646

Attorney Docket No.: ITL.3580US (P109650)

ASSIGNMENT

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

ROBERT P. ADLER; LICHEN WENG; CHRISTOPHER C. GIANOS

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 foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

METHOD, APPARATUS AND SYSTEM FOR HIERARCHICAL NETWORK ON CHIP ROUTING

(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 Decemb	per 19, 2016	as	
United States	Application Number	15/383,032	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

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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.

ZHE	12/1/16
ROBERT P. ADLER	Date signed
Liba Ward	12/2/2mb
LICHEN WENG	Date signed
CUDISTOBLED C CIANOS	Date signed

Attorney Docket No.: ITL.3580US (P109650)

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.

ROBERT P. ADLER

Date signed

LICHEN WENG

Date signed

CHRISTÓPHER C. GIANOS

Date signed

LGA/PAL forms

RECORDED: 12/19/2016

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