PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FENG XUE	01/30/2014
QINGHUA LI	03/06/2014
MASOUD SAJADIEH	01/29/2014
JONG-KAE FWU	01/29/2014

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
PCT Number:	US2013058240

CORRESPONDENCE DATA

Fax Number: (612)677-3572

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: 6123142740

Email: inteldocs@cpaglobal.com SCOTT GABRYSIAK **Correspondent Name:**

Address Line 1: PO BOX 52050 Address Line 2: C/O CPA GLOBAL

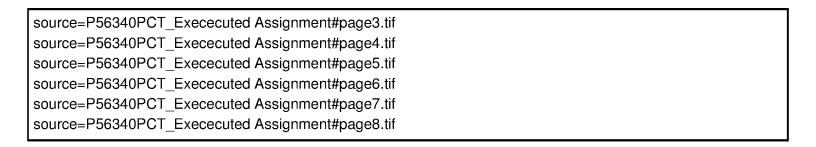
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P56340PCT
NAME OF SUBMITTER:	ALEX W. HAYMOND
SIGNATURE:	/Alex W. Haymond/
DATE SIGNED:	09/05/2014

Total Attachments: 8

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PATENT REEL: 033679 FRAME: 0049 502964422



PATENT REEL: 033679 FRAME: 0050

ASSIGNMENT

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

FENG XUE; QINGHUA LI; MASOUD SAJADIEH; JONG-KAE FWU

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:

ADAPTIVE SECTORIZATION OF A SPATIONAL REGION FOR PARALLEL MULTI-USER TRANSMISSIONS

(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 <u>September 05</u> ,	<u>2013</u> as		
•			
International Office	Application Number	_PCT/US2013/058240	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

Lind	1/30/2014
FENG XUE	Date signed
QINGHUA LI	Date signed
MASOUD SAJADIEH	Date signed
JONG-KAE FWU	Date signed

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FENG XUE	Date signed
Défacti	0310612014
QINGHUA'LI	Date signed
MASOUD SAJADIEH	Date signed
JONG-KAE FWU	Date signed

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FENG XUE	Date signed
QINGHUA LI	Date signed
M. Say A MASOUD SAJADIEH	1/29/14 Date signed
JONG-KAE FWU	Date signed

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	Ah In	01/29/2014
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