

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2879780

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HYUNG-NAM CHOI	05/12/2014
YOUN HYOUNG HEO	11/26/2013
SANGEETHA L BANGOLAE	05/08/2014
MO-HAN FONG	12/13/2013
ANA LUCIA PINHEIRO	11/21/2013
MARTA MARTINEZ TARRADELL	05/08/2014
RECEIVING PARTY DATA	
Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2013067522
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	612-373-6900
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER/INTEL
Address Line 1:	PO BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	884.P24WO1
NAME OF SUBMITTER:	NANCY CUNDALL
SIGNATURE:	/Nancy Cundall/
DATE SIGNED:	06/02/2014
Total Attachments: 11	
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PATENT

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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 884.P24WO1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hyung-Nam Choi, Youn Hyoung Heo, Sangeetha L. Bangolae, Mo-Han Fong, Ana Lucia Pinheiro, Marta Martinez Tarradell

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95054

Country: United States of America

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: May 12, 2014, November 26, 2013,
May 8, 2014, December 13, 2013, November 21, 2013,
May 8, 2014

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. PCT/US2013/067522

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert B. Madden

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert B. Madden/Reg. No. 57,521

Name of Person Signing

Robert B. Madden

Signature

June 2, 2014

Date

Total number of pages including cover sheet: 11

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 033007 FRAME: 0720

ASSIGNMENT

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

Hyung-Nam Choi, Youn Hyoung Heo, Sangeetha L. Bangolae, Mo-Han Fong, Ana Lucia Pinheiro, Marta Martinez Tarradell

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:

METHOD AND APPARATUS FOR CONTROLLING SMALL DATA TRANSMISSION ON THE UPLINK

(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 October 30, 2013 as

PCT Application Number PCT/US2013/067522

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.



Hyung-Nam Choi

May 12th 2014
Date Signed

Youn Hyoung Heo

Date Signed

Sangeetha L. Bangolae

Date Signed

Mo-Han Fong

Date Signed

Ana Lucia Pinheiro

Date Signed

Marta Martinez Tarradell

Date Signed

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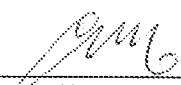
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Hyung-Nam Choi

Date Signed



Youn Hyoung Heo

Nov 26, 2013

Date Signed

Sangeetha L. Bangolae

Date Signed

Mo-Han Fong

Date Signed

Ana Lucia Pinheiro

Date Signed

Marta Martinez Tarradell

Date Signed

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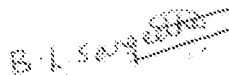
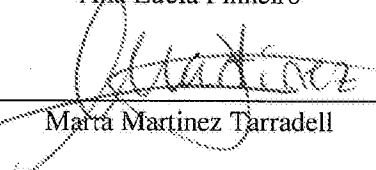
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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

_____ Hyung-Nam Choi	_____ Date Signed
_____ Youn Hyoung Heo	_____ Date Signed
 _____ Sangeetha L. Bangolae	<u>05/08/2014</u> _____ Date Signed
_____ Mo-Han Fong	_____ Date Signed
_____ Ana Lucia Pinheiro	_____ Date Signed
 _____ Marta Martinez Tarradell	<u>05/08/2014</u> _____ Date Signed

ASSIGNMENT

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

Hyung-Nam Choi, Youn Hyoung Heo, Sangeetha L. Bangolae, Mo-Han Fong, Ana Lucia Pinheiro, Marta Martinez Tarradell

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Hyung-Nam Choi

Date Signed

Youn Hyoung Heo

Date Signed

Sangeetha L. Bangolae

Date Signed



Mo-Han Fong

Dec 13, 2013

Date Signed

Ana Lucia Pinheiro

Date Signed

Marta Martinez Tarradell

Date Signed

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.....
Hyoung-Nam Choi

.....
Date Signed

.....
Youn Hyoung Heo

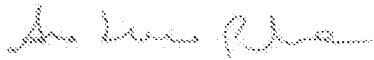
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Sangeetha L. Bangolae

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Date Signed

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Mo-Han Fong

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Date Signed

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Ana Lucia Pinheiro

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11/21/13

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Date Signed

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Marta Martinez Tarradell

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Date Signed