502712919 03/10/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLAUDIO J. OCHOA	09/06/2013
STANLEY MO	09/06/2013
GUSTAVO D. DOMINGO YAGUEZ	09/06/2013
ROBERT STAUDINGER	01/14/2014

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:	US2011064573

CORRESPONDENCE DATA

Fax Number: (612)332-8352

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email: ILOH-Formals@cpaglobal.com

Correspondent Name: JORDAN IP LAW, LLC Address Line 1: C/O CPA GLOBAL Address Line 2: PO BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P39568PCT
NAME OF SUBMITTER:	SONI KUMARI
SIGNATURE:	/Soni Kumari/
DATE SIGNED:	03/10/2014

Total Attachments: 8

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PATENT 502712919 REEL: 032421 FRAME: 0689

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PATENT REEL: 032421 FRAME: 0690

ASSIGNMENT

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

CLAUDIO J. OCHOA; STANLEY MO; GUSTAVO D. DOMINGO YAGUEZ; ROBERT STAUDINGER

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:

REAL-TIME MAPPING AND NAVIGATION OF MULTIPLE MEDIA TYPES THROUGH A METADATA-BASED

(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 Dec 13, 2011 as

International Application Number PCT/US2011/064573 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent appli-

cations 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.

Stanley Mo	Date signed
Claudio J. Ochoa	Date signed
Gustavo D. Domingo Yaguez	Date signed
Mohest Residence	16. Jan 2016.
Robert Staudinger	Date signed

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	9.6.2013
Stanley Mo	Date signed
Claudio J. Ochoa	Date signed
Gustavo D. Domingo Yaguez	Date signed
Robert Staudinger	Date signed

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Sianley Mo	Date signed
344444	9/6/2013
Claudio J. Ochoa	Date signed
Gustavo D. Domingo	Date signed
Robert Staudinger	Date signed

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Claudio J. Ochoa	Date signed
Gustavo D Domingo Yaguez	<u>G-Sep-</u> 200 Date signed
Robert Staudinger	Date signed