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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2683426

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS P. COWLEY	09/12/2013
ISAAC ALI	11/12/2013

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:	13976329

CORRESPONDENCE DATA

Fax Number: (703)770-7901 Phone: 7037707900

Email: kim.howard@pillsburylaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: PILLSBURY WINTRHOP SHAW PITTMAN LLP

Address Line 1: P.O. BOX 10500

Address Line 4: MCLEAN, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	043395-0423472
NAME OF SUBMITTER:	E. RICO HERNANDEZ
Signature:	/ E. Rico Hernandez /
Date:	01/15/2014

PATENT REEL: 031976 FRAME: 0188 Total Attachments: 4

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> PATENT REEL: 031976 FRAME: 0189

<u>ASSIGNMENT</u>

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

Nicholas P. COWLEY; Isaac ALI

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:

SYSTEM, APPARATUS AND METHOD TO IMPROVE ANALOG-TO-DIGITAL CONVERTER OUTPUT

(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	June 26, 2013		as	
US		Application Number	13/976,329	and
COUNTRY or Inte	rnational Office	* 1		

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

PATENT REEL: 031976 FRAME: 0190

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 represent	atives that no assignment, grant, mortgage,
license, or other agreement affecting the tights and property herein conv	reyed has been made to others by the un-
dersigned, and that full right to convey the same as herein expressed is p	possessed by the undersigned.
Nicholas P. COWLEY	Date signed
Isaac ALI	Date signed

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

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which was filed on	June 26, 2013	·	as	3
US		Application Number	13/976.329	and
COUNTRY or Int	ernational Office	FF		dild

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

Page 1 of 2

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.

Nicholas P. COWLEY

Date signed

12 / 11 / 12

Isaac ALI

Date signed