

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CHANDRA S. MOHAPATRA	03/06/2017
	ANAND S. MURTHY	02/24/2017
	GLENN A. GLASS	03/03/2017
	TAHIR GHANI	02/24/2017
	JACK T. KAVALIEROS	02/28/2017
	WILLY RACHMADY	02/24/2017
	MATTHEW V. METZ	02/28/2017
	GILBERT DEWEY	02/28/2017
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:	US2014056528
CORRESPONDENCE DATA		
Fax Number:	(612)677-3572	
<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>		
Email:	ILOH-Formals@cpaglobal.com	
Correspondent Name:	WINKLE, PLLC	
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Address Line 4:	MINNEAPOLIS, MINNESOTA 55402	
ATTORNEY DOCKET NUMBER:	P70843PCT	
NAME OF SUBMITTER:	ROBERT G. WINKLE	
SIGNATURE:	/Robert G. Winkle/	

DATE SIGNED:	04/06/2017
Total Attachments: 4 source=P70843PCT_Executed_Assignment#page1.tif source=P70843PCT_Executed_Assignment#page2.tif source=P70843PCT_Executed_Assignment#page3.tif source=P70843PCT_Executed_Assignment#page4.tif	

ASSIGNMENT

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

**CHANDRA S. MOHAPATRA; ANAND S. MURTHY; GLENN A. GLASS; TAHIR GHANI;
JACK T. KAVALIEROS; WILLY RACHMADY; MATTHEW V. METZ; GILBERT
DEWEY**

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:

APPARATUS AND METHODS TO CREATE A BUFFER TO REDUCE LEAKAGE IN MICROELECTRONIC TRANSISTORS

(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 September 19, 2014 as

International Application Number PCT/US2014/056528 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,

Attorney Docket No.: P70843PCT

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.

Chandra S Mohapatra
Chandra S. Mohapatra

03/06/2017
Date signed

Anand S. Murthy

Date signed

Glenn A. Glass

Date signed

Tahir Ghani

Date signed

Jack T. Kavalieros

Date signed

Willy Rachmady

Date signed

Matthew V. Metz

Date signed _____

Gilbert Dewey

Date signed

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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.

Chandra S. Mohapatra



Date signed

2/29/17

Anand S. Murthy



Date signed

3-3-17

Glenn A. Glass



Date signed

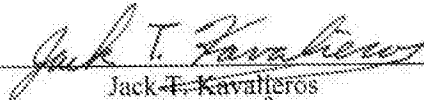
2-24-17

Tahir Ghani



Date signed

2/28/17



Jack T. Favalieros

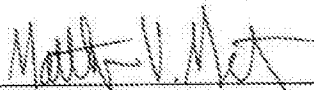
Date signed



Willy Rachmady

2/27/17


Date signed



Matthew V. Metz

2/28/17

Date signed



Gilbert Dewey

2/28/17

Date signed