PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAYDEEP P KULKARNI	03/27/2014
ANUPAMA THAPLOO	03/31/2014
IQBAL RAJWANI	03/31/2014
KYUNG-KOAE KOO	03/27/2014
ERIC A KARL	03/27/2014
MUHAMMAD KHELLAH	03/27/2014

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
Application Number:	14229767

CORRESPONDENCE DATA

Fax Number: (206)292-0460

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

US Mail.

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Email: mchristopherson@schwabe.com
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ATTORNEY DOCKET NUMBER:	110350-195434 (P64565)	
NAME OF SUBMITTER:	MELEE CHRISTOPHERSON	
SIGNATURE:	/Melee Christopherson/	
DATE SIGNED: 04/02/2014		

Total Attachments: 5

REEL: 032584 FRAME: 0337

PATENT

502750567



PATENT REEL: 032584 FRAME: 0338

Attorney Docket No.: P64565

ASSIGNMENT

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

Jaydeep Kulkarni, Anupama Thaploo, Iqbal Rajwani, Kyung-Koae Koo, Eric Karl Muhammad Khellah

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:

UNIFIED CIRCUIT ASSIST FOR REGISTER FILE (RF) AND RO VMIN REDUCTION, LEAKAGE REDUCTION, AGEING TOLERANCE AND ARRAY COMPACTION

(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	March 28, 2014	as	
United States	Application Number	14/229,767	and
COUNTRY or Internat	ional 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

Date signed
Date signed
Date signed
3/27/2014
Date signed
3/27/2014
Date signed

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- Autori	03/27/2014
Jaylieep P. Kulkarni	Date signed
Anupama Thaploo	Date signed
Iqbal Rajwani	Date signed
Kyung-Koae Koo	Date signed
Eric A. Karl	Date signed
Z KILLIP	3/27/2014
Muhammad Khellah	Date signed

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Anupama Thaploo	Date signed
- Danaga	03/31/14
tajiai Rajwani	Date signed
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Attorney Docket No.: P64565

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Frie A. Karl	Date signed
Muhammad Kheilah	Date signed