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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGN	IMENT			
ATURE OF CONVEYA	NCE:	ASSIGNMEN	Г			
CONVEYING PARTY D	ΑΤΑ					
		Name			Execution Date	
NATHANIEL L. DESIMO				07/17/2013		
THEODORE Z. SCHOENBORN					07/10/2013	
EARL J. WIGHT					07/17/2013	
DUANE M. HELLER					07/17/2013	
MARIA F. PINEDA					07/17/2013	
					1	
RECEIVING PARTY D						
Name:	INTEL	INTEL CORPORATION				
Street Address:	2200 N	ISSION COLLEGE	BOULEVARD			
City:	SANTA	CLARA				
State/Country:	CALIF	CALIFORNIA				
Postal Code:	95054	95054				
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ASSIGNMENT

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

APPARATUS, SYSTEM, AND METHOD FOR IMPROVING EQUALIZATION WITH A SOFTWARE EQUALIZATION ALGORITHM

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, SYSTEM, AND METHOD FOR IMPROVING EQUALIZATION WITH A SOFTWARE EQUALIZATION ALGORITHM

(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 onSeptem!	per 27, 2013		
United States of America COUNTRY or International Of		er14/039,469	and

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 Assignce 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

PATENT REEL: 037288 FRAME: 0179

the history thereof, and generally assist said Assignce, 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.

Nathaniel L. Desimone

Theodore Z. Schoenborn

Earl J. Wight

Duane M. Heller

Maria F. Pineda

Date signed

Date signed

Date signed

Date signed

Page 2 of 2

PATENT REEL: 037288 FRAME: 0180

FAX_NO. 5032846110

Attorney Docket No.: P54845

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 Assignce, its successors, assigns, and legal representatives; and

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Nathaniel L. Desimon Theodore Z, Schoenborn

Date signed

Date signed

Earl J. Wight

Date signed

Duane M, Heller

Date signed

Maria F. Pineda

Date signed

Page 2 of 2

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Nathaniel L. Desimone

Date signed

Theodore Z. Schoenborn

Earl J. Wight

Duane M. Heller

Maria F. Pineda

Date signed

17 July 2013 Date signed

Date signed

Date signed

Page 2 of 2

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Nathaniel L. Desimone

Theodore Z. Schoenborn

Earl J. Wight

Mr aller

Duane M. Heller

7/17/13 Date signed

Maria F. Pineda

Date signed

PATENT

REEL: 037288 FRAME: 0183

Date signed

Date signed

Date signed

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

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Page 2 of 2

Nathaniel L. Desimone

Theodore Z. Schoenborn

Earl J. Wight

Duane M. Heller

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Date signed

Date signed

Date signed

Date signed

17,2013. The signed

RECORDED: 12/14/2015