PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROLF KASSA	01/06/2014
JUSTIN E. GOTTSCHLICH	01/08/2014
SHILIANG HU	01/02/2014
GILLES A. POKAM	12/09/2014
ROBERT C. KNAUERHASE	01/28/2015

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:	14142475

CORRESPONDENCE DATA

Fax Number: (408)720-8383

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.

Phone: 408 720-8300

Email: allison_madsen@bstz.com

Correspondent Name: BLAKELY SOKOLOFF TAYLOR & ZAFMAN

Address Line 1: 1279 OAKMEAD PARKWAY

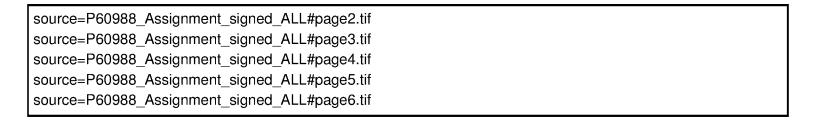
Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	42P60988
NAME OF SUBMITTER:	SCOTT A. SIMMONS, REG. NO. 60,206
SIGNATURE:	/Scott A. Simmons/
DATE SIGNED:	02/02/2015

Total Attachments: 6

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PATENT 503161981 REEL: 034868 FRAME: 0688



PATENT REEL: 034868 FRAME: 0689

ASSIGNMENT

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

Rolf KASSA; Justin E. GOTTSCHLICH; Shiliang HU; Gilles A. POKAM; Robert C. KNAUERHASE

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:

PROCESSOR WITH TRANSACTIONAL CAPABILITY AND LOGGING CIRCUITRY TO REPORT TRANSACTIONAL OPERATIONS

I hereby authorize and request my attorney, associated with customer number 45295), to insert on the designated
ines below, the filing date and application number of said application when known.)	

which was filed on <u>December 27, 3</u>	<u>2013</u>		88	
United States COUNTRY or International Office	Application Number	14/142,475		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 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,

PATENT REEL: 034868 FRAME: 0690

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

H. Harring	1/6/2019
Rolf KASSA	Date signed
Justin E. GOTTSCHLICH	Date signed
Shiliang HU	Date signed
Gilles A. POKAM	Date signed
Robert C. KNAUERHASE	Date signed

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

Rolf KASSA	Date signed
	1/8/2014
Justin E. GOTTSCHLICH	Date signed
Shillang HU	Date signed
Gilles A. POKAM	Date signed
Robert C. KNAUERHASE	Date signed

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

Rolf KASSA	Date signed
Justin E. GOTTSCHLICH	Date signed
Shilliang HU	Date signed
Gilles A. POKAM	Date signed
Robert C. KNAUERHASE	Date signed

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

Rolf KASSA	Date signed
Justin E. GOTTSCHLICH	Date signed
Shiliang HU	Date signed
<u> </u>	
Gilles A. POKAM	Ďate signed
Robert C. KNAUERHASE	Date signed

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Rolf KASSA	Date signed
Justin E. GOTTSCHLICH	Date signed
Shiliang HU	Date signed
Gilles A. POKAM	Date signed
Adent a General	
1.0 Carlon	1/28/15
Robert C. KNAUERHASE	Date signed