PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2997632

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRET L TOLL	03/14/2012
ROBERT VALENTINE	12/12/2012
JESUS CORBAL SAN ADRIAN	03/19/2012
ELMOUSTAPHA OULD-AHMED-VALL	03/20/2012
MARK J. CHARNEY	03/14/2012

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:	US2011067972

CORRESPONDENCE DATA

Fax Number: (612)677-3572

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: 7204964277

Email: inteldocs@cpaglobal.com

Correspondent Name: VECCHIA PATENT AGENT LLC

Address Line 1: C/O CPA GLOBAL Address Line 2: PO BOX 52050

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P38415PCT
NAME OF SUBMITTER:	STEPHANIE A PAGE
SIGNATURE:	/Stephanie A. Page/
DATE SIGNED:	08/26/2014

Total Attachments: 6

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502951034 PATENT REEL: 033612 FRAME: 0898

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PATENT REEL: 033612 FRAME: 0899

Attorney Docket No.: P38415PCT

ASSIGNMENT

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

TOLL, Bret L.; VALENTINE, Robert; CORBAL SAN ADRIAN, Jesus; OULD-AHMED-VALL, Elmoustapha and CHARNEY, Mark J.

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, 95052 USA ("Assignce"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the International application entitled:

PACKED DATA OPERATION MASK COMPARISON PROCESSORS, METHODS, SYSTEMS, AND INSTRUCTIONS

(i hereby authorize and	request my attorney, associated with Customer Number 45209, to insert on t	he
designated lines below,	the filing date and application number of sald application when known.)	

which was filed on December 29, 2011	as
International Application Number <u>PCT/US11/67972</u>	and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said International application and all related applications (e.g. national phase applications, divisional applications, continuation applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said international application;

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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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

I.GAPAL forms Page 1 of 2

PATENT REEL: 033612 FRAME: 0900 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, morgage, 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 possessed by the undersigned.

TOLL, Bret L.	3//4///2 (Today's Date)	
VALENTINE, Robert	(Today's Date)	
CORBAL SAN ADRIAN, Jesus	(Today's Date)	
OULD-AHMED-VALL, Elmoustapha	(Today's Date)	
CHARNEY, Mark J.	(Today's Date)	

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TOLL, Bret L.	(Today's Date)
VALENTINE, Robert	(Today's Date)
CORBAL SAN ADRIAN, Jesus	<u> 19 - 03 - 2</u> /2 (Today's Date)
OULD-AHMED-VALL, Elmoustapha	(Today's Date)
CHARNEY, Mark J.	(Today's Date)

LGA/PAL fixms Page 2 of 2

PATENT REEL: 033612 FRAME: 0902 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 soccessors; assigns, and legal representatives; and

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TOLL, Bret L.	(Today's Date)	
VALENTINE, Robert	(Today's Date)	
CORBAL SAN ADRIAN, Jesus	(Today's Date)	
	<u>03/20/20/</u> 2	
OULD-AHMED-VALL, Elmoustaplia	(Today's Daie)	
CHARNEY, Nurk J.	(Today's Date)	

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TOLL, Bref L.	(Today's Date)
VALENTINE, Robert	(Today's Date)
CORBAL SAN ADRIAN, Jesus	(Today's Date)
OULD-AHMED-VALL, Elmoustapha	(Today's Date)
CHARNEY, Mark J.	3/17/2012
Chariet, Markj.	(Today's Date)

Attorney Docket No.: P38415PCT

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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TOLL, Bret L.	(Today's Date)	
Notor C Valletur	15 15 5018	
VALENTINE, Robert	(Today's Date)	
CORBAL SAN ADRIAN, Jesus	(Today's Date)	
OULD-AHMED-VALL, Elmoustapha	(Today's Date)	
CHARNEY, Mark J.	(Today's Date)	

RECORDED: 08/26/2014