503733925 03/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3780567

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
		Name		Execution Date	
CHRISTOPHER J. HUGHES				03/12/2013	
MARK J. CHARNEY				03/12/2013	
JESUS CORBAL				03/14/2013	
MILIND B. GIRKAR				03/12/2013	
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Total Attachments: 7

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Attorney's Docket No : 42P45865

<u>ASSIGNMENT</u>

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the below-named inventor(s):

Christopher J. Hughes; Mark J. Charney; Jesus Corbal; Milind B. Girkar; Elmoustapha Ould-Ahmed-Vall; Bret L. Toll; Robert Valentine

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 United States ("Assignee"), 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 or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

Systems, Apparatuses, and Methods for Performing Conflict Detection and Broadcasting Contents of a Register to Data Element Positions of Another Register

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number _____13/631,666 filed _____ filed _____September 28, 2012

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or 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 provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, extensions, and all other patent applications on any and all said inventions or 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 or 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 or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assignee, its and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee,

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Page 1 of 2

Each Inventor: Please Sign and Date Below:

3/12/2013	atta and
Date	Name: Christopher J. Hughes
Date	Name: Mark J. Charney
Date	Name: Jesus Corbai
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Date	Name: Elmoustapha Ould-Ahmed-Vall
Date	Name: Bret L. Toll
Date	Name: Robert Valentine
Date	Name:
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Assignment Document Return Address: BLAKELY, SokoLoFF, Taylor & ZaFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 Telephone: (408) 720-8300

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PATENT REEL: 037959 FRAME: 0918

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	Date	Name: Christop	her J. Hughes	
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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.

Each Inventor: Please Sign and Date Below:

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Date	Neme: Mark J. Charney
Date	Name: Jesus Corbai
Mag 12, 2012 Date	Name: Millind B. Girkar
Date	Name: Elmoustapha Ould-Ahmed-Vall
Date	Name: Bret L. Toll
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