503708173 02/24/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW AS	SIGNMENT			
NATURE OF CONVEYANCE:		ASSIGN	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ	·				
		Name			Execution Date	
ASIT K. MISHRA				(01/06/2016	
KSHITIJ A. DOSHI				1	2/21/2015	
ELMOUSTAPHA OULC	-AHMED	-VALL		(01/08/2016	
DEBORAH T. MARR				1	2/22/2015	
RECEIVING PARTY D	ΑΤΑ					
Name:	INTEL	CORPORATIC	N			
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City:	SANTA	CLARA				
State/Country:	CALIF	ORNIA				
Postal Code:	95054					
		14757995				
Property Type			Number]		
				J		
CORRESPONDENCE I	ΔΑΤΑ					
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			dress first; if that is un successful, it will be sei			
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ATTORNEY DOCKET NUMBER:		P90210	P90210			
NAME OF SUBMITTER:		CHRIST	CHRISTOPHER E. KOKOSKA, REG. #73,719			
SIGNATURE:		/Chris E	/Chris E. Kokoska/			
DATE SIGNED:		02/24/20	02/24/2016			
Fotal Attachments: 8		•				
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ASSIGNMENT

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

Asit K. Mishra; Kshitij A. Doshi; Elmoustapha Ould-Ahmed-Vall; Deborah T. Marr

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:

PROCESSING DEVICES TO PERFORM A KEY VALUE LOOKUP INSTRUCTION

(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	12-23-2015	as	
_US	Application Numb	er 14/757,995	and
COUNTRY or Inte	·····		

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

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.

An Kim Contre Asit K. Mishra

61/06/2016 Date signed

Kshitij A. Doshi

Date signed

Elmoustapha Ould-Ahmed-Vall

Date signed

Deborah T. Marr

Date signed

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Asit K. Mishra

Date signed

Dec 21, 2015 Date signed

Kshitij A. Doshi

Elmoustapha Ould-Ahmed-Vall

Deborah T. Marr

Date signed

Date signed

PATENT

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Page 2 of 2

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US		Application Number	14/757,995	and
COUNTRY or Int		**		

COUNTRY or International Office

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Asit K. Mishra

Date signed

Kshitij A. Doshi

Elmoustapha Ould-Ahmed-Vall

Deborah T. Marr

Date signed

1/8/2015

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Page 2 of 2

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Date signed

Kshirij A. Doshi

Date signed

Elmoustapha Ould-Ahmed-Vall

Deborah T. Marr

Date signed

2/22/26(5 Date signed