503884923 06/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3931572

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZESHAN A. CHISHTI	03/27/2014
CHRISTOPHER B. WILKERSON	03/27/2014
SETH PUGSLEY	03/28/2014
PENG-FEI CHUANG	03/24/2014
ROBERT L. SCOTT	03/20/2014
AAMER JALEEL	04/01/2014
SHIH-LIEN L. LU	03/27/2014
KINGSUM CHOW	03/31/2014

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:	15190231						

CORRESPONDENCE DATA

Fax Number: (512)322-8388

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: 512-322-2500

Email: crystle.garbade@bakerbotts.com

Correspondent Name: BAKER BOTTS L.L.P.
Address Line 1: C/O CPA GLOBAL

Address Line 2: 900 2ND AVENUE SOUTH, SUITE 600
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	P62284C (081903.0552)
NAME OF SUBMITTER:	CRYSTLE GARBADE
SIGNATURE:	/Crystle Garbade/

503884923 REEL: 038990 FRAME: 0980

DATE SIGNED:	06/23/2016									
Total Attachments: 10										
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PATENT REEL: 038990 FRAME: 0981

ASSIGNMENT

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

ZESHAN A. CHISHTI; CHRISTOPHER B. WILKERSON; SETH PUGSLEY; PENG-FEI CHUANG; ROBERT L. SCOTT; AAMER JALEEL; SHIH-LIEN L. LU; KINGSUM CHOW

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:

INSTRUCTION AND LOGIC FOR RUN-TIME EVALUATION OF MULTIPLE PREFETCHERS

(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 on	February 14, 2	2014	as	
US		Application Number	14/181,032	and
COUNTRY or Inte	rnational Office	• •		

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: 038990 FRAME: 0982

Jal	3/27/14
Zeshan A. Chishti	Date signed
Uul	3/27/14
Christopher B. Wilkerson	Date signed
Seth Pugsley	Date signed
Peng-Fei Chuang	Date signed
Robert L. Scott	Date signed
Aamer Jaleel	Date signed
Slat. Le	3/27/14
Shih-Lien L. Lu	Date signed
<u> </u>	3/31/14
√ Kingsum Chow	Date signed

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Page 1 of 2

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.

Zeshan A. Chishti	Date signed
Christopher B. Wilkerson Adu H Pugulu	Date signed 28 Man 2014
Seth Pugsley Peng-Fei Chuang	Date signed Date signed
Robert L. Scott	Date signed
Aamer Jaleel	Date signed
Shìh-Lien L. Lu	Date signed
Kingsum Chow	Date signed

Page 2 of 2

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

ZESHAN A. CHISHTI; CHRISTOPHER B. WILKERSON; SETH PUGSLEY; PENG-FEI CHUANG; ROBERT L. SCOTT; AAMER JALEEL; SHIH-LIEN L. LU; KINGSUM CHOW

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US	Application	Number 14/181,032	and
COUNTRY or Inter			

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Page 1 of 2

Zeshan A. Chishti	Date signed
Christopher B. Wilkerson	Date signed
Seth Pugsley	Date signed
1208	3/24/2014
Peng-Fei Chuang	Date signed
Robert L. Scott	Date signed
Aamer Jaleel	Date signed
Shih-Lien L. Lu	Date signed
Kingsum Chow	Date signed

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which was file	ed on February 14, 2014	88	
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US	Application Number or International Office	r <u>14/181.032</u>	

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Page 1 of 2

Zeshan A. Chishti	Date signed
Christopher B. Wilkerson	Date signed
Seth Pugsley	Date signed
and a magnetic	
Peng-Fei Chuang	Date signed
TELL SH	Z-Zo-N
Robert L. Scott	Date signed
Aamer Jaleel	Date signed
Shih-Lien L. Lu	Date signed
Kingsum Chow	Date signed

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US COUNTRY or International Office	Application Number	14/181,032	and

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PATENT REEL: 038990 FRAME: 0990

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

Zeshan A. Chishti	Date signed
Christopher B. Wilkerson	Date signed
Seth Pugsley	Date signed
Peng-Fei Chuang	 Date signed
Robert L. Scott	Date signed 04/01/2014
Acurer Jaleel	Date signed
Shih-Lien L. Lu	Date signed
Kingsum Chow	 Date signed