04/15/2014 502768956

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2815551

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
BINATA BHATTACHARYYA	10/18/2011	
JAYAKRISHNA GUDDETI	10/18/2011	
KESHAVAN K. TIRUVALLUR	10/21/2011	

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	13333952		

CORRESPONDENCE DATA

Fax Number: (612)332-8352

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email: ILOH-Formals@cpaglobal.com

Correspondent Name: CAVEN & AGHEVLI LLC

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

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

NAME OF SUBMITTER:	RAMIN AGHEVLI
SIGNATURE:	/Ramin Aghevli - Reg. No. 43462/
DATE SIGNED:	04/15/2014

Total Attachments: 6

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REEL: 032680 FRAME: 0526 502768956

PATENT -

ASSIGNMENT

WHEREAS, We, <u>Binata Bhattacharyya</u>, residing at <u>Flat 1112A</u>, <u>Knightsbridge Apt 128</u>, ITPL Main Road, <u>Brookefield</u>, <u>Bangalore</u>, <u>Karnataka</u>, <u>India 560008</u>, and <u>Jayakrishna Guddeti</u>, residing at <u>B3</u>, <u>Third Block</u>, <u>Srinivasa Residency</u>, <u>K.R.Garden</u>, <u>Murugeshpalya</u>, <u>Bangalore</u>, <u>Karnataka</u>, <u>India 560016</u>, and <u>Keshavan K. Tiruvallur</u>, residing at , 13882 SW Alpine <u>View Court</u>, <u>Tigard</u>, <u>OR</u>, <u>US 97224</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled <u>METHODS AND TOOLS TO DEBUG COMPLEX MULTI-CORE</u>, <u>MULTI-SOCKET OPI BASED SYSTEM</u>;

WHEREAS, We hereby authorize and request our attorneys, as listed on the Combined Declaration and Power of Attorney, at CPA Global, to insert here in parentheses (Ser. No. 13/333,952; Filing Date: December 21, 2011) the filing date and application number of said application when known.

AND WHEREAS, <u>Intel Corporation</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>2200 Mission College Blvd.</u>, <u>Santa Clara</u>, <u>CA 95052</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights

PATENT REEL: 032680 FRAME: 0527 under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignce as the assignce of the entire right, title and interest in and to the same, for the use of the said Assignce, its successors and assigns.

AND, for the consideration aforesaid, we do bereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covertant and agree with said Assignee, its successors and assigns, that no assignment, gram, mortgage, license or other agreement affecting the rights and properly herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMON	WHEREOF, Dasse	henearda set my	hand this 🗍	day of		, 2011.
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		- Jayakrishoa 🕏	oddeti			

Docket No: P34572 Page 3 of 3					
IN TESTIMONY V	WHEREOF, I have here	unto set my hand th	nis day c	of	, 2011.
	K	eshavan K. Tiruval	lur		

PATENT REEL: 032680 FRAME: 0529

ASSIGNMENT

WHEREAS, We, <u>Binata Bhattacharyya</u>, residing at <u>Flat 1112A</u>, <u>Knightsbridge Apt 128</u>, ITPL Main Road, <u>Brookefield</u>, <u>Bangalore</u>, <u>Karnataka</u>, <u>India 560008</u>, and <u>Jayakrishna Guddeti</u>, residing at <u>B3</u>, <u>Third Block</u>, <u>Srinivasa Residency</u>, <u>K.R.Garden</u>, <u>Murugeshpalya</u>, <u>Bangalore</u>, <u>Karnataka</u>, <u>India 560016</u>, and <u>Keshavan K. Tiruvallur</u>, residing at , 13882 SW Alpine <u>View Court</u>, <u>Tigard</u>, <u>OR</u>, <u>US 97224</u>, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled <u>METHODS AND TOOLS TO DEBUG COMPLEX MULTI-CORE</u>, <u>MULTI-SOCKET OPI BASED SYSTEM</u>;

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights

PATENT REEL: 032680 FRAME: 0530 under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of	, 2011
Binata Bhattacharyya	
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of	, 2011
Jayakrishna Guddeti	**************************************

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IN TESTIMONY WHEREOF, I have hereum	to set my hand this 2	ci day of	<u> 24 </u>	<u>,</u> 2011.
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Kesi	isvan K. Tiruvallur	***************************************	******************	

PATENT REEL: 032680 FRAME: 0532

RECORDED: 04/15/2014