# 503685373 02/10/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3732009

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SUNDEEP CHADHA	01/14/2016
ROBERT A. CORDES	12/14/2015
DAVID A. HRUSECKY	12/14/2015
HUNG Q. LE	12/14/2015
JENTJE LEENSTRA	12/19/2015
DUNG Q. NGUYEN	12/14/2015
BRIAN W. THOMPTO	12/14/2015
ALBERT J. VAN NORSTRAND JR	12/14/2015

## **RECEIVING PARTY DATA**

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City:	ARMONK	
State/Country:	NEW YORK	
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14966075

#### **CORRESPONDENCE DATA**

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**Correspondent Name:** IBM (ROC-KLS)

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ATTORNEY DOCKET NUMBER:	ROC920150342US1
NAME OF SUBMITTER:	KATE HILL/12660/
SIGNATURE:	/12660/

PATENT 503685373 REEL: 037695 FRAME: 0089

DATE SIGNED:	02/10/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9		
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PATENT REEL: 037695 FRAME: 0090

# DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

# Title of Invention: HANDLING UNALIGNED LOAD OPERATIONS IN A MULTI-SLICE COMPUTER PROCESSOR

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

[X] United States application or PCT international application number <u>14/966,075</u> filed on <u>December 11</u>, 2015.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the IBM Docket Number provided above in the header of this document;

Whereas, International Business Machines Corporation, a corporation of New York having a place of business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each undersigned inventor desires to grant to IBM, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to IBM, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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## IBM DOCKST NUMBER: ROC920150342USI

Each undersigned inventor seknowledges their prior and ongoing obligations to sell, assign, and immerce the rights under this Assignment to IBM and is untiwate of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or featurement in conflict herewith. Each undersigned insomor also hereby grants IBM. Its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to; parent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of New York, and any disputes will be resolved in a New York state court or federal court sited in New York.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than tive (5) years, or both.

(1) Legal Name of Inventor: SUNDEEP CHADHA	
Signaturps	Date 0: 14/2016
(2) Legal Name of Inventor: ROBERT A. CORDES:	
Signature	Oxfer
(3) Legal Name of Inventor: DAVID A, HRUSECKY	
Signature:	Ďáte:
(4) Legal Nama of Inventor; HUNG Q, LE	
Signature:	Size:

HE MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS:

Bugg Fof 3

# IBM DOCKET NUMBER: ROC920150342US1

(5)	Legal Name of Inventor: JENTJE LEENSTRA	
	Signature:	Date:
(6)	Legal Name of Inventor: <b>DUNG Q. NGUYEN</b>	
	Signature:	Date:
(7)	Legal Name of Inventor: BRIAN W. THOMPTO	
	Signature:	Date:
(8)	Legal Name of Inventor: ALBERT J. VAN NORSTRAND JR.	
	Signature:	Date:

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## IBM DOCKET NUMBER: ROCY28150342US1

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Each undersigned inventor acknowledges their prior and angeling obligations to sell, assign, and transfer the rights under this Assignment to IBM and it undware of any reason why they magand have the full and understandhered right to sell, making, and transfer the right handly sold, assigned, and to not executed, and will not execute, any document or instrument in coullist herewith. Each undersigned insquare also hereby genus IBM, its succession, legal representatives, and unique, the right to insert in this Assignment any herbor identification (including, but not limited to, potent Application Number) which may be received up desirable for recontained of this Assignment. This Assignment is pavented by the adiationities have of the State of New York, and any disputes will be received in a New York state court or federal sourt stand in New York.

I hereby acknowledge that any willful table statement made in this declaration is gunithable under 18 U.S.C. 1981 by fine or imprisonment of not more than five (5) years, we both.

(1) Legal Name of Inventor; SUNDEEP CHADHA

Signature:_		······	_Osic
(2) Legsi Nam	of hoseoner Acmert A. Co	HDES	
Signation	Adut a	Orda	Dave: <u>12-14-2</u> 015
(3) Legal Name	of inscript david a, hru	SECKY	
Signamer_	Darw aft	nuseely/	Date 12/14/2015
(4) Legal Name	of justings thing O' FE		
Signature)	15 p z		Date_12=\14\15

HF MORE INVENTORS, ADDITIONAL SIGNATURE PAGE(S) FOLLOWS:

Page 2 of 3

## IBM DOCKET NUMBER; ROCY20180342US1

4(3)	Local stalle of Inventor Jentje Leenstra	× .
	Signature	Date:
(6)	Paint Name of Investor of NC O. NG EVEN	
	Signature: 194	Don 12/14/2015
(7)	Legal Name of Inventor, BRIAN W. THOMPTO	
	Showing: 2 W. They're	
(8)	Lord Noir of Inventor ALBERT L VAN NORSTRAND JR.	
	sman, WYVIII Q	none 12 /14/105

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PATENT REEL: 037695 FRAME: 0096

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	Signature:	Date:

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Page 2 of 3

# IBM DOCKET NUMBER: ROC920150342US1

(5)	Legal Name of Inventor: JENTJE LEENSTRA	
(6)	Signature: J. Legal Name of Inventor: DUNG Q. NGUYEN	Date: 17.12.2018
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(8)	Legal Name of Inventor: ALBERT J. VAN NORSTRAND JR.	
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PATENT REEL: 037695 FRAME: 0099