503676794 02/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3723430

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN R. BENTLEY	01/28/2016
SIMEON FURRER	02/01/2016
ROBERT A. HUTCHINS	01/27/2016
SCOTT J. SCHAFFER	01/28/2016
KEISUKE TANAKA	02/01/2016

RECEIVING PARTY DATA

Name: INTERNATIONAL BUSINESS MACHINES CORPORATION	
Street Address:	NEW ORCHARD ROAD
City:	ARMONK
State/Country: NEW YORK	
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15013821

CORRESPONDENCE DATA

Fax Number: (408)971-4660

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: (408) 971-2573

Email:wyndie@zilkakotab.comCorrespondent Name:ZILKA-KOTAB, PC

Address Line 1: 1155 N. 1ST ST.
Address Line 2: SUITE 105

Address Line 4: SAN JOSE, CALIFORNIA 95112

ATTORNEY DOCKET NUMBER: TUC1P287/TUC920150167US1

NAME OF SUBMITTER: DOMINIC M. KOTAB

SIGNATURE: /Dominic M. Kotab/

DATE SIGNED: 02/02/2016

This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 037649 FRAME: 0704

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PATENT REEL: 037649 FRAME: 0705

Title of Invention: PIPELINED ARCHITECTURE FOR ITERATIVE DECODING OF PRODUCT CODES

As a below partied and undersigned inventor. I hereby declare that:

This	declaration is directed to the attached application, or (if following box is checked):
	United States application or PCT international application number
The	above-identified application was made or authorized to be made by me.
	ieve that I am the original inventor or an original joint inventor of a claimed invention in the lication.

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

Lam 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, I ("ASSIGNOR") 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 beader of this document:

Whereas, International Business Machines Corporation (herein referred to as the "ASSIGNEE"), a corporation of New York having a place of business at Armonk. New York, desires to acquire, and I desire to grant to the ASSIGNEE, my 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 sofficiency thereof being bereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest is and to the invention, the above-identified United States paters 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, United stationize and request the Director of the United States Patent and Trademark Office to issue may United States Patent, and foreign patent authorities to issue may foreign patent, granted for the invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, 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 emirely as would have been held and enjoyed by me had this Assignment not been made; and I agree 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 the ASSIGNEE, its successors, legal representatives, and assume, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns,

Page Leff.

IBM DOCKET NUMBER: TUCIP287/TUC920150167US1

Lacknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent 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.

Under the third acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by fine or imprisonment of not more than five (5) years, or both.

(i)	Legal Name of Inventor: Steve	n R. Bentley	
	Signature: Skar /	1 Sent Cen	Date: 01/28/16
(2)	Legal Name of Inventor: Sime	on Furrer	
	Signature		Date:
(3)	Legal Name of Inventor: Kobe	ri A. Hutchins	
	Signature:		Date:
(4)	Legal Name of Inventor: Scott	<i>A, A</i> .	Date: <u>1/23/2016</u>
(5) -	Legal Name of Inventor: Keisi	ke Tanaka	
	Signature:		Dete:

Title of Invention: <u>PIPELINED ARCHITECTURE FOR ITERATIVE DECODING OF PRODUCT CODES</u>

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Page 1 of 2

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(1)	Legal Name of Inventor: Steven R. Bentley	
	Signature:	Date:
(2)	Legal Name of Inventor: Simeon Furrer	
	Signature: Churci	Date: <u>Feb. 1, 2016</u>
(3)	Legal Name of Inventor: Robert A. Hutchins	
	Signature:	Date:
(4)	Legal Name of Inventor: Scott J. Schaffer	
	Signature:	Date:
(5)	Legal Name of Inventor: Keisuke Tanaka	
	Signature:	Date:

Title of Invention: <u>PIPELINED ARCHITECTURE FOR ITERATIVE DECODING OF PRODUCT CODES</u>

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(1)	Legal Name of Inventor:	Steven R. Bentley	
	Signature:		Date:
(2)	Legal Name of Inventor:	Simeon Furrer	
	Signature:		Date:
(3)	Legal Name of Inventor: Signature:	Robert A. Hutchins	Date: 1/27/2016
(4)	Legal Name of Inventor:	Scott J. Schaffer	
	Signature:		Date:
(5)	Legal Name of Inventor:	Keisuke Tanaka	
	Signature:		Date:

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	Signature:		Date:
(4)	Legal Name of Inventor:	Scott J. Schaffer	
	Signature:		Date:
(5)	Legal Name of Inventor:	Keisuke Tanaka	
	Signature: Keark	Joneka	Date: 2016/2/1

Page 2 of 2