503315126 05/20/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3361744

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL B. HEALY	05/18/2015
HILLERY C. HUNTER	05/19/2015
CHARLES A. KILMER	05/19/2015
KYU-HYOUN KIM	05/20/2015
WARREN E. MAULE	05/19/2015
ADAM J. MCPADDEN	05/18/2015

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:	14717254

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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: 860-286-2929

usptopatentmail@cantorcolburn.com Email:

CANTOR COLBURN LLP - IBM ROCHESTER DIVIS **Correspondent Name:**

20 CHURCH STREET, 22ND FLOOR Address Line 1: Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER:	ROC920150041US1
NAME OF SUBMITTER:	USHA MUNUKUTLA-PARKER
SIGNATURE:	/Usha Munukutla-Parker/
DATE SIGNED:	05/20/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 035679 FRAME: 0860 503315126

Total Attachments: 18	
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PATENT REEL: 035679 FRAME: 0861

Title of Invention: EXTENDED ERROR CORRECTION CODING DATA STORAGE

As a below named 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			
filed on			
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, 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 header 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 sufficiency thereof being hereby 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 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, I hereby authorize and request 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 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 entirely 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 assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

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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 five (5) years, or both.

(1)	Legal Name of Inventor: Michael B. Healy				
	Signature: Michael & Heal	Date:_	18	May	2015
(2)	Legal Name of Inventor: Hillery C. Hunter				
	Signature:	_Date:_		A112-4-11111	
(3)	Legal Name of Inventor: Charles A. Kilmer				
	Signature:	_Date:_			
(4)	Legal Name of Inventor: Kyu-hyoun Kim				
	Signature:	_ Date:_			

(5)	Legal Name of Inventor: Warren E. Maule	
	Signature:	Date:
(6)	Legal Name of Inventor: Adam J. McPadden	
	Signature:	Date:

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: EXTENDED ERROR CORRECTION CODING DATA STORAGE

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(1)	Legal Name of Inventor: Michael B. Healy	
	Signature:	Date:
(2)	Legal Name of Inventor: Hillery C. Hunter	
	Signature: Half Hus	Date: 5/19/2015
(3)	Legal Name of Inventor: Charles A. Kilmer	
	Signature:	Date:
(4)	Legal Name of Inventor: Kyu-hyoun Kim	
	Signature:	Date:

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Title of Invention: EXTENDED ERROR CORRECTION CODING DATA STORAGE

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	Signature: Garps A Rishner	Date: 5/19/15
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	Signature:	Date:

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Title of Invention: EXTENDED ERROR CORRECTION CODING DATA STORAGE

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(3)	Legal Name of Inventor: Charles A. Kilmer	
	Signature:	Date:
(4)	Legal Name of Inventor: Kyu-hyoun Kim Signature:	Date: 5/20/2015
	A TOTAL CONTRACTOR OF THE PARTY	

(5)	Legal Name of Inventor: Warren E. Maule	
	Signature:	Date:
(6)	Legal Name of Inventor: Adam J. McPadden	
	Signature:	Date:

Title of Invention: EXTENDED ERROR CORRECTION CODING DATA STORAGE

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	Signature:	Date:
(4)	Legal Name of Inventor: Kyu-hyoun Kim	
	Signature:	Date:

(5) Legal Name of Inventor; Warren E. Maule	·
Signature: Warne Munt	Date: 5-19-2015
(6) Legal Name of Inventor: Adam J. McPadden	
Signature:	Date:

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IBM DOCKET NUMBER: ROC920150041US1

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

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,	Signature:	Date:	
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(4)	Legal Name of Inventor: Kyu-hyoun Kim		
	Signature:	Date:	

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IBM DOCKET NUMBER: ROC920150041US1

(5)	Legal	Name of	Inventor:	Warren	Ε.	Maule
-----	-------	---------	-----------	--------	----	-------

O'	Date:
Signature:	Date

(6) Legal Name of Inventor: Adam J. McPadden

	N-21 C/	5-10-7015
Signature:	1818	

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