504710934 01/02/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

n v1.1 EPAS ID: PAT4757656

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KHANH V. NGO	12/19/2017
SIMON LORENZ	12/20/2017
DOMINIC MUELLER-WICKE	12/21/2017
SLAVISA SARAFIJANOVIC	12/20/2017
HARALD SEIPP	12/19/2017
TAKESHI ISHIMOTO	12/21/2017

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:	15851546

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: alma@zilkakotab.com
Correspondent 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:	P201702768US01/IBM1P494
NAME OF SUBMITTER:	DOMINIC M. KOTAB
SIGNATURE:	/Dominic M. Kotab/
DATE SIGNED:	01/02/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

504710934 PATENT REEL: 044519 FRAME: 0552

Total Attachments: 7 source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page1.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page2.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page3.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page4.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page5.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page6.tif source=P201702768US01_IBM1P494_ExecutedAssignDecForm_12-21-2017#page7.tif

PATENT REEL: 044519 FRAME: 0553

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: REGULATING MIGRATION AND RECALL ACTIONS FOR HIGH LATENCY MEDIA (HLM) ON OBJECTS OR GROUP OF OBJECTS THROUGH METADATA LOCKING ATTRIBUTES

As a	below hathed 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 numberfiled on
The a	shove-identified application was made or authorized to be made by me.

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

Page 1 of 3

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.

I acknowledge 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.

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:	Khanh V. Ngo	
	Signature:	nh X go	Date: <u>12/19/17</u>
(2)	Legal Name of Inventor:	Simon Lorenz	
	Signature:		Date:
(3)	Legal Name of Inventor:	Dominic Mueller-Wicke	
	Signature:		Date:
(4)	Legal Name of Inventor:	Slavisa Sarafijanovic	
	Signature:		Date:

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.

I acknowledge 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.

Thereby 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: Khanh V. Ngo	
	Signature:	Date:
(2)	Legal Name of Inventor: Simon Lorenz	
	Signature: Sunse John	Date: 12/20/17
(3)	Legal Name of Inventor: Dominic Mueller-Wicke	
	Signature:	Date:
(4)	Legal Name of Inventor: Slavisa Scraffjanovic	
	Signature:	Date:

Page 2 of 3

TRACTION CREEK TRACTION PROCESSION TO THE SUIT

laseful acts reasonably related to recording this Assignment or perfecting little to the literation and all related potents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Lacknowledge my prior and ongoing obligations to self, assign, and transfer my rights under this Assignment to the ASSIGNEE and an unaware of any reason why I may not have the full and unancumbered right to self, swign, 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.

Thereby 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 (S) years, or both.

113	Legal Name of Investor	Khada V. Ngo	
	Synatore		Date:
(2)	Legal Name of Inventor:	Sinon Lorenz	
	Signature		Date:
(3)	Legal Name of Inventor:	Dominic Mueller-Wicke	
	Signature:	w. d	Date: <u>[1,1], 1</u> 7
(4)	Legal Name of Investor:	Stavisa Sarafijanovic	
	Signature:		Date

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.

I acknowledge 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.

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:	Khanh V. Ngo		
	Signature:		Date:	
(2)	Legal Name of Inventor:	Simon Lorenz		
	Signature:		Date:	
(3)	Legal Name of Inventor:	Dominic Mueller-Wicke		
	Signature:		Date:	·
(4)	Legal Name of Inventor:	Slavisa Sarafijanovic		
	Signature:	<u> </u>	Date:	20 12, 2017.

5)	Legal Name of Inventor: Harald Seipp	
	Signature:	Date: 2017/12/19
6)	Legal Name of Inventor: Takeshi Ishimoto	
	Signature:	Date:

IBM DOCKET NUMBER: IBM1P494/P201702768US01 Legal Name of Inventor: Harald Seipp

(6) Legal Name of Inventor: Takeshi Ishimoto

Signature:

(5)

Signature: <u>Tolean Inmit</u> 5 Date: 2017/12/21

Page 3 of 3