# 503953114 08/09/2016

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
			Name	Execution Date		
ARNON AMIR		07/26/2016				
DAVID A. PEASE		07/27/2016				
RAINER RICHTER				08/09/2016		
RECEIVING PARTY	ΟΑΤΑ					
Name:	INTER	INTERNATIONAL BUSINESS MACHINES CORPORATION				
Street Address:	NEW C	NEW ORCHARD ROAD				
City:	ARMO	ARMONK				
State/Country:	NEW	NEW YORK				
Postal Code:	10504					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number:	1	15232	2597			
CORRESPONDENCE						
Fax Number:		(408)9	971-4660			
		o the e	-mail address first; if that is unsu			
• •	if provide		at is unsuccessful, it will be sent	via US Mail.		
Email:		• •	971-2573 Dzilkakotab.com			
Email: Correspondent Name	e:	alma@	@zilkakotab.com			
Email: Correspondent Name Address Line 1:	e:	alma@ ZILKA				
Correspondent Name	e:	alma@ ZILKA	@zilkakotab.com ∧-KOTAB, PC N. 1ST ST.			
Correspondent Name Address Line 1:	e:	alma@ ZILKA 1155 I SUITE	@zilkakotab.com ∧-KOTAB, PC N. 1ST ST.			
Correspondent Name Address Line 1: Address Line 2: Address Line 4:		alma@ ZILKA 1155 I SUITE SAN J	⊉zilkakotab.com A-KOTAB, PC N. 1ST ST. E 105			
Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET	NUMBER:	alma@ ZILKA 1155 I SUITE SAN J	@zilkakotab.com A-KOTAB, PC N. 1ST ST. E 105 JOSE, CALIFORNIA 95112			
Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	NUMBER:	alma@ ZILKA 1155 I SUITE SAN J	@zilkakotab.com A-KOTAB, PC N. 1ST ST. E 105 JOSE, CALIFORNIA 95112 ARC920090026US2/ARC1P009A			
Correspondent Name Address Line 1: Address Line 2:	NUMBER:	alma@ ZILKA 1155 I SUITE SAN J	<ul> <li></li></ul>			

PATENT REEL: 039387 FRAME: 0774

### 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: FILE INDEX, METADATA STORAGE, AND FILE SYSTEM MANAGEMENT FOR MAGNETIC TAPE

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):

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 Jawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all

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PATENT REEL: 039387 FRAME: 0775 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: Arnon Amir

Signature:

Date: \_\_\_\_7/21/16

(2) Legal Name of Inventor: David A. Pease Signature fail and the Sub-

Date: 7/271

(3) Legal Name of Inventor: Rainer Richter

Signature:

Date:

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#### IBM DOCKET NUMBER: ARC1P009A/ARC920090026US2

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.

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(1)	Legal Name of Inventor:	Arnon Amir	
	Signature:		Date:
(2)	Legal Name of Inventor:	David A. Pease	
	Signature:		Date:
(3)	Legal Name of Inventor:	Rainer Richter	
	Signature: 12	M	Date: 8/9/16

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#### PATENT REEL: 039387 FRAME: 0777

**RECORDED: 08/09/2016**