PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4042334

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the DATE INVENTOR YEHOUDA SHIRAN EXECUTED THE ASSIGNMENT. previously recorded on Reel 031459 Frame 0099. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)

CONVEYING PARTY DATA

Name	Execution Date
STEVEN F. BEST	10/10/2013
JANICE M. GIROUARD	10/22/2013
ROBERT E. REILAND	10/14/2013
YEHOUDA SHIRAN	10/13/2013

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:	14060790

CORRESPONDENCE DATA

Fax Number: (607)429-4119

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: 408 927 4263

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IBM CORP- ENDICOTT DRAFTING CENTER **Correspondent Name:**

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Address Line 2: L2PA/J2C

Address Line 4: SAN JOSE, CALIFORNIA 95120

ATTORNEY DOCKET NUMBER: SJO920130061US1	
NAME OF SUBMITTER: WILLIAM H. HARTWELL	
SIGNATURE:	/William H. Hartwell/
DATE SIGNED:	09/08/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT

REEL: 039950 FRAME: 0668 503995677

Total Attachments: 10 source=SJO920130061US1_Assignment_Declaration#page1.tif source=SJO920130061US1_Assignment_Declaration#page2.tif source=SJO920130061US1_Assignment_Declaration#page3.tif source=SJO920130061US1_Assignment_Declaration#page4.tif source=SJO920130061US1_Assignment_Declaration#page5.tif source=SJO920130061US1_Assignment_Declaration#page6.tif source=SJO920130061US1_Assignment_Declaration#page7.tif source=SJO920130061US1_Assignment_Declaration#page8.tif source=SJO920130061US1_EPAS_Corrected Receipt_9_8_16#page1.tif source=SJO920130061US1_EPAS_Corrected Receipt_9_8_16#page2.tif

PATENT REEL: 039950 FRAME: 0669

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: SELECTING A PRIMARY STORAGE DEVICE

IBM Docket Number provided above in the header of this document:

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

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.

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: Steven F. Best

	Signature: Steven F. Best	Date: 10/10/2013
	Legal Name of Inventor: Janice M. Girouard	
	Signature:	_Date:
(3)	Legal Name of Inventor: Robert E. Reiland	
	Signature:	Date:
(4)	Legal Name of Inventor: Yehouda Shiran	
	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

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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.

3

IBM DOCKET NUMBER: SJO920130061US1

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: Steven F. Best	
	Signature:	_ Date:
(2)	Legal Name of Inventor: Janice M. Girouard	
	Signature: Lance Ground	Date: 10 2-2/201
(3)	Legal Name of Inventor: Robert E. Reiland	
	Signature:	Date:
(4)	Legal Name of Inventor: Yehouda Shiran	
	Signature:	_ Date:

Page 2 of 2

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(1) Legal Name of Inventor: Steven F. Best

, , ,	
Signature:	Date:
(2) Legal Name of Inventor: Janice M. Girouard	
Signature:	Date:
(3) Legal Name of Inventor: Robert E. Reiland	
Signature: Robert E. Bille	Date: 10-14-201
(4) Legal Name of Inventor: Yehouda Shiran	
Signature:	Date:

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Signature:	Date:
2) Legal Name of Inventor: Janice M. Girouard	
Signature:	Date:
3) Legal Name of Inventor: Robert E. Reiland	
Signature:	Date:
4) Legal Name of Inventor: Yehouda Shiran	
Signature 11. Still Our	Dara Get 13, 2



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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN F. BEST	10/10/2013
JANICE M. GIROUARD	10/22/2013
ROBERT E. REILAND	10/14/2013
YEHOUDA SHIRAN	1 0/14/2013 10/13/2013

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Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14060790

PATENT

REEL: 039950 FRAME: 0678_{2013 12:08 PM}

CORRESPONDENCE DATA

(607)429-4119 Fax Number: Phone: 408 927 4263 Email: jnlawson@us.ibm.com

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Address Line 1: 650 HARRY ROAD

Address Line 2: L2PA/J2C

Address Line 4: SAN JOSE, CALIFORNIA 95120

ATTORNEY DOCKET NUMBER:	SJO920130061US1
NAME OF SUBMITTER:	NICHOLAS L. CADMUS
Signature:	/Nicholas L. Cadmus/
Date:	10/23/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

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RECEIPT INFORMATION

EPAS ID: PAT2587782 **Receipt Date:** 10/23/2013 Fee Amount: \$40

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