PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3075387

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRASANNA JAYARAMAN	05/15/2014
ABHIJIT SAURABH	05/14/2014
M. DEAN SCIACCA	05/13/2014
JANANI SWAMINATHAN	05/14/2014
GARY A. TRESSLER	05/13/2014

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:	14520402

CORRESPONDENCE DATA

Fax Number: (845)892-6363

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.

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Email: FDCiplaw@us.ibm.com

Correspondent Name: IBM CORP. - FISHKILL DRAFTING CENTER

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Address Line 4: **ROCHESTER, MINNESOTA 55901**

ATTORNEY DOCKET NUMBER:	ROC920140008US2
NAME OF SUBMITTER:	L. JEFFREY KELLY
SIGNATURE:	/L. Jeffrey Kelly/
DATE SIGNED:	10/22/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

REEL: 034002 FRAME: 0566 503028787

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PATENT REEL: 034002 FRAME: 0567

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: TRANSFER SIZE MONITOR, DETERMINATION, AND OPTIMIZATION ENGINE FOR STORAGE DEVICES

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 me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
l 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

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:

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;

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 therefore 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 Lagree to execute any and all documents and instruments and perform an lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEL, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEL, its successors, legal representatives, or assigns

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 factor not executed, and will not execute, any document or instrument in conflict herewith. Laboratere by grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in the Assignment is governed by the 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 a Affine 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: Prasanna Jayaraman	k â
Signature:	Date: 1 AV / 15 / 15
(2) Legal Name of Inventor: Abhijit Saurabh	
Signature:	Date:
(3) Legal Name of Inventor: M. Dean Sciacca	17all
Signature:	Date:

Page 2 of 3

(4)	Legal Name of Inventor: Janani Swaminathan	
	Signature:	Date:
(5)	Legal Name of Inventor: Gary A. Tressler	
	Signatura	Date:

Page 3 of 3

PATENT REEL: 034002 FRAME: 0570

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1) Legal Name of Inventor: PTasanna Jayaraman	
Signature:	Date:
(2) Legal Name of Inventor: Abhijit Saurabh	
Signature: Sanscabt	Date: 14th Hay 2014
(3) Legal Name of Inventor: M. Dean Sciacca	
Signatura	Date:

(4) Legal Name of Inventor: Janani Swaminathan	
Signature:	Date: 14th May 2012
(5) Legal Name of Inventor: Gary A. Tressler	
Signature:	Date [.]

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Signature:	Date:
(2) Legal Name of Inventor: Abhijit Saurabh	
Signature:	Date:
(3) Legal Name of Inventor: M. Dean Sciasca Signature: 11 Villa Vilaelle.	Date: 13 Thay Cope,

(4) Legal Name of Inventor: Janani Swaminathan	n
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	Signature:	Date:	
(2)	Legal Name of Inventor: Abhijit Saurabh		
	Signature:	_Date:	
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	Signature:	Date:	

(4) Legal Name of	Inventor: Janani Swaminathan		
Signature:		Date:	
(5) Legal Name o	f Inventor: Gary A. Tressler		
Signaturo	Lam a. Tussh	Date:	05/13/14

Page 3 of 3

RECORDED: 10/22/2014

PATENT REEL: 034002 FRAME: 0579