

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CHARLES J. CAMP	05/12/2017
	TIMOTHY J. FISHER	05/12/2017
	AARON D. FRY	05/12/2017
	NIKOLAS IOANNOU	05/15/2017
	THOMAS MITTELHOLZER	05/15/2017
	NIKOLAOS PAPANDREOU	05/15/2017
	THOMAS PARNELL	05/16/2017
	ROMAN PLETKA	05/15/2017
	CHARALAMPOS POZIDIS	05/15/2017
	SASA TOMIC	05/15/2017
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City:	ARMONK	
State/Country:	NEW YORK	
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Property Type	Number	
Application Number:	15613240	
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NAME OF SUBMITTER:	BRIAN F. RUSSELL
SIGNATURE:	/Brian F. Russell/
DATE SIGNED:	06/08/2017
Total Attachments: 4 source=SJO920170006US1_Assignment-Declaration_executed#page1.tif source=SJO920170006US1_Assignment-Declaration_executed#page2.tif source=SJO920170006US1_Assignment-Declaration_executed#page3.tif source=SJO920170006US1_Assignment-Declaration_executed#page4.tif	

**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: MITIGATING READ ERRORS FOLLOWING PROGRAMMING IN A MULTI-
LEVEL NON-VOLATILE MEMORY**

As a below named 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, the undersigned inventor(s) has/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, a corporation of New York having a place of
business at Armonk, New York (herein referred to as "IBM"), desires to acquire, and each
undersigned inventor desires to grant to IBM, the entire worldwide right, title, and interest in and
to the Invention and in and to any and all patent applications and patents directed thereto;

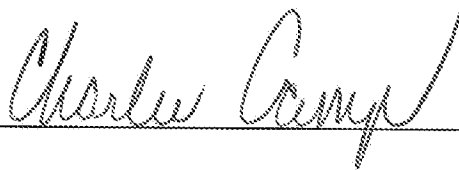
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has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors,
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United States and in all foreign countries and jurisdictions, including all divisions, continuations,
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In addition, each undersigned inventor hereby authorizes and requests 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 IBM, its successors, legal representatives,
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by IBM, its successors, legal representatives, and assigns to the full end of the terms for which any
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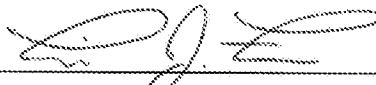
Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to IBM and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants IBM, 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: **CHARLES J. CAMP**

Signature:  Date: MAY 12, 2017

(2) Legal Name of Inventor: **TIMOTHY J. FISHER**

Signature:  Date: 5-12-17

(3) Legal Name of Inventor: **AARON D. FRY**

Signature:  Date: 5-12-17

(4) Legal Name of Inventor: **NIKOLAS IOANNOU**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **THOMAS MITTELHOLZER**

Signature: _____ Date: _____

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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: **CHARLES J. CAMP**

Signature: _____ Date: _____


(2) Legal Name of Inventor: **TIMOTHY J. FISHER**

Signature: _____ Date: _____

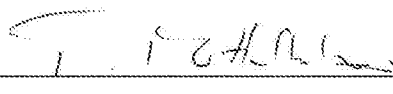
(3) Legal Name of Inventor: **AARON D. FRY**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **NIKOLAS IOANNOU**

Signature:  _____ Date: 15.5.2017

(5) Legal Name of Inventor: **THOMAS MITTELHOLZER**

Signature:  _____ Date: 15.7.2017

(6) Legal Name of Inventor: **NIKOLAOS PAPANDREOU**

Signature: N. Papandreou Date: 15.5.2017

(7) Legal Name of Inventor: **THOMAS PARNELL**

Signature: Tom Parnell Date: 16.5.2017

(8) Legal Name of Inventor: **ROMAN PLETKA**

Signature: R. Pletka Date: 15.5.2017

(9) Legal Name of Inventor: **CHARALAMPOS POZIDIS**

Signature: Charalambos Pozidis Date: 15.5.2017

(10) Legal Name of Inventor: **SASA TOMIC**

Signature: Sasa Tomic Date: 15.5.2017