

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2857057

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE FIRST NAME OF THE SECOND INVENTOR previously recorded on Reel 031923 Frame 0189. Assignor(s) hereby confirms the SPELLING OF THE SECOND INVENTORS FIRST NAME SHOULD BE ALEXANDER.
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL C. GAIDIS	11/08/2012
ALEXANDER J. GAIDIS	11/08/2012
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:	13970764
CORRESPONDENCE DATA	
Fax Number:	(860)286-0115
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	8602862929
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	CANTOR COLBURN LLP
Address Line 1:	20 CHURCH STREET
Address Line 2:	22ND FLOOR
Address Line 4:	HARTFORD, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	YOR920120714US2
NAME OF SUBMITTER:	SEAN F. SULLIVAN
SIGNATURE:	/Sean F. Sullivan/
DATE SIGNED:	05/15/2014
Total Attachments: 11	
source=7588162#page1.tif	
source=7588162#page2.tif	

source=7588162#page3.tif
source=7588162#page4.tif
source=7588162#page5.tif
source=7588162#page6.tif
source=7588162#page7.tif
source=7588162#page8.tif
source=7588162#page9.tif
source=7588162#page10.tif
source=7588162#page11.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 OF INVENTION: MAGNETIC DOMAIN WALL SHIFT REGISTER MEMORY
DEVICE READOUT**

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 13/970,764
filed on 8/20/2013

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;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to IBM (the "ASSIGNEE"), its successors, legal representatives, and assigns, the 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, 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, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by IBM, 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 the undersigned had this Assignment not been made; and each undersigned inventor agrees 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 IBM, its successors, legal representatives, and assigns, whenever requested by IBM, its successors, legal representatives, or assigns.

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: Michael C. Gaidis

Signature: Michael C. Gaidis Date: 11/8/12

(2) Legal Name of Inventor: Alexander J. Gaidis

Signature: Alexander J. Gaidis Date: 11/8/12



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 10, 2014

PTAS

CANTOR COLBURN LLP
20 CHURCH STREET
22ND FLOOR
HARTFORD, CT 06103

502621551

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/06/2014

REEL/FRAME: 031923/0189
NUMBER OF PAGES: 6

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE MIDDLE INITIAL OF INVENTOR ALEXANDER GAIDIS PREVIOUSLY RECORDED ON REEL 031075 FRAME 0322. ASSIGNOR(S) HEREBY CONFIRMS THE MIDDLE INITIAL LISTED AS C. IS INCORRECT..

DOCKET NUMBER: YOR920120714US2

ASSIGNOR:
GAIDIS, MICHAEL C.

DOC DATE: 11/08/2012

ASSIGNOR:
GAIDIS, ALEXANDER J.

DOC DATE: 11/08/2012

ASSIGNEE:
INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

APPLICATION NUMBER: 13970764

FILING DATE: 08/20/2013

PATENT NUMBER:

ISSUE DATE:

TITLE: MAGNETIC DOMAIN WALL SHIFT REGISTER MEMORY DEVICE READOUT

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2668160

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the MIDDLE INITIAL OF INVENTOR ALEXANDER GAIDIS previously recorded on Reel 031075 Frame 0322. Assignor(s) hereby confirms the MIDDLE INITIAL LISTED AS C. IS INCORRECT..										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MICHAEL C. GAIDIS</td> <td>11/08/2012</td> </tr> <tr> <td>AKEXANDER J. GAIDIS</td> <td>11/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL C. GAIDIS	11/08/2012	AKEXANDER J. GAIDIS	11/08/2012				
Name	Execution Date										
MICHAEL C. GAIDIS	11/08/2012										
AKEXANDER J. GAIDIS	11/08/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13970764</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13970764						
Property Type	Number										
Application Number:	13970764										
CORRESPONDENCE DATA											
<p>Fax Number: (860)286-0115</p> <p>Phone: 4046079991</p> <p>Email: usptopatentmail@cantorcolburn.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: CANTOR COLBURN LLP</p> <p>Address Line 1: 20 CHURCH STREET</p> <p>Address Line 2: 22ND FLOOR</p> <p>Address Line 4: HARTFORD, CONNECTICUT 06103</p>											
ATTORNEY DOCKET NUMBER:	YOR920120714US2										
NAME OF SUBMITTER:	JEFFREY L. WATERS										



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the MIDDLE INITIAL OF INVENTOR ALEXANDER GAIDIS previously recorded on Reel 031075 Frame 0322. Assignor(s) hereby confirms the MIDDLE INITIAL LISTED AS C. IS INCORRECT..										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MICHAEL C. GAIDIS</td><td>11/08/2012</td></tr><tr><td>AKEXANDER J. GAIDIS</td><td>11/08/2012</td></tr></tbody></table>	Name	Execution Date	MICHAEL C. GAIDIS	11/08/2012	AKEXANDER J. GAIDIS	11/08/2012					
Name	Execution Date										
MICHAEL C. GAIDIS	11/08/2012										
AKEXANDER J. GAIDIS	11/08/2012										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>	Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504	
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13970764</td></tr></tbody></table>	Property Type	Number	Application Number:	13970764							
Property Type	Number										
Application Number:	13970764										

CORRESPONDENCE DATA

Fax Number: (860)286-0115
Phone: 4046079991
Email: usptopatentmail@cantorcolburn.com
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
Correspondent Name: CANTOR COLBURN LLP
Address Line 1: 20 CHURCH STREET
Address Line 2: 22ND FLOOR
Address Line 4: HARTFORD, CONNECTICUT 06103

**ATTORNEY DOCKET
NUMBER:**

YOR920120714US2

NAME OF SUBMITTER:

JEFFREY L. WATERS

Signature:

/jeffreylwaters53749/

Date:

01/06/2014

Total Attachments: 5

source=6SV1010#page1.tif
source=6SV1010#page2.tif
source=6SZ4330#page1.tif
source=6SZ4330#page2.tif
source=6TD5876#page1.tif

RECEIPT INFORMATION

EPAS ID: PAT2668160
Receipt Date: 01/06/2014

[Return to home page](#)

| [.HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael C. Gaidis	11/08/2012
Alexander C. Gaidis	11/08/2012
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:	13970764
CORRESPONDENCE DATA	
Fax Number:	8602860115
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4046079991
Email:	usptopatentmail@cantorcolburn.com
Correspondent Name:	Cantor Colburn LLP
Address Line 1:	20 Church Street
Address Line 2:	22nd Floor
Address Line 4:	Hartford, CONNECTICUT 06103
ATTORNEY DOCKET NUMBER:	YOR920120714US2
NAME OF SUBMITTER:	Greg O'Bradovich
Signature:	/Greg O'Bradovich/
Date:	08/21/2013

CH \$40.00 13970764



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)

Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael C. Gaidis</td><td>11/08/2012</td></tr><tr><td>Alexander C. Gaidis</td><td>11/08/2012</td></tr></tbody></table>	Name	Execution Date	Michael C. Gaidis	11/08/2012	Alexander C. Gaidis	11/08/2012					
Name	Execution Date										
Michael C. Gaidis	11/08/2012										
Alexander C. Gaidis	11/08/2012										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>	Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504	
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13970764</td></tr></tbody></table>	Property Type	Number	Application Number:	13970764							
Property Type	Number										
Application Number:	13970764										
CORRESPONDENCE DATA											
Fax Number:	8602860115										
Phone:	4046079991										
Email:	usptopatentmail@cantorcolburn.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Cantor Colburn LLP										
Address Line 1:	20 Church Street										

Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103	
ATTORNEY DOCKET NUMBER:	YOR920120714US2
NAME OF SUBMITTER:	Greg O'Bradovich
Signature:	/Greg O'Bradovich/
Date:	08/21/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=6SV1010#page1.tif source=6SV1010#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT2511029 Receipt Date: 08/21/2013 Fee Amount: \$40	

[Return to home page](#)

| [HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)