

**Document I.D.**  
**\*502604339\***

**CORRECTIVE ASSIGNMENT RECORDATION COVER SHEET**  
**-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
  - a) Toshiyuki Shiratori
  - b) Kohei Taguchi
  
2. Name and address of receiving party(ies):
  - a) Name: International Business Machines Corporation  
 Address: New Orchard Road  
 Armonk, New York 10504
  
3. Nature of conveyance
 

<input type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input checked="" type="checkbox"/> Other: <u>Corrective Assignment</u>	<input type="checkbox"/> License Agreement

Execution Date: 12/16/2013; 12/16/2013, Respectively

4. Application Number(s) or Patent Number(s): 14/126,839

The title of the (new) application is:

LINEAR RECORDING DEVICE FOR EXECUTING OPTIMUM WRITING UPON RECEIPT OF  
 SERIES OF COMMANDS INCLUDING MIXED READ AND WRITE COMMANDS AND METHOD  
 AND PROGRAM FOR EXECUTING THE SAME

5. Please send all correspondence concerning this (these) documents to:

Zilka-Kotab, PC  
 P.O. Box 721120  
 San Jose, CA 95172-1120  
 Tel. No.: (408) 971-2573

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- |                                     |   |
|-------------------------------------|---|
| <input type="checkbox"/>            | Enclosed  |
| <input checked="" type="checkbox"/> | Authorized to be charged to Deposit Account No. 50-1351<br>(Order No. IBM1P326) |

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: December 18, 2013

/Dominic M. Kotab/  
 Dominic M. Kotab  
 Registration No. 42,762

Attorney Docket No. **IBM1P326/JP920110048US1**

IBM DOCKET NUMBER: IBM1P326/JP920110048US1

**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: LINEAR RECORDING DEVICE FOR EXECUTING OPTIMUM WRITING UPON RECEIPT OF SERIES OF COMMANDS INCLUDING MIXED READ AND WRITE COMMANDS AND METHOD AND PROGRAM FOR EXECUTING THE SAME

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 14/126,839  
filed on 12/16/2013

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, 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 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.

IBM DOCKET NUMBER: IBM1P326/JP920110048US1

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: Toshtyuki Shiratori

Signature: T. Shiratori Date: Dec. 16, 2013

(2) Legal Name of Inventor: Kohei Taguchi

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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IBM DOCKET NUMBER: IBM1P326/JP920110048US1

**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
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This declaration is directed to the attached application, or (if following box is checked):

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filed on 12/16/2013.

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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 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.

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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: **Toshiyuki Shiratori**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(2) Legal Name of Inventor: **Kohei Taguchi**

Signature: Kohei Taguchi Date: Dec. 16. 2013

Document I.D.  
\*502604339\*

Practitioner's Docket No. IBM1P326/JP920110048US1

*PATENT*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CORRECTIVE ASSIGNMENT RECORDATION  
CORRECTION OF RECORDED COVER SHEET ERROR(S) (37 C.F.R. § 3.34)**

1. Applicant has noted an error in the cover sheet for the assignment(s) (document(s)) previously recorded on 12/16/2013.

Reel 031793, Frame 0336

2. Attached hereto is a copy of the originally recorded document.
3. Also attached hereto is a corrected cover sheet for recordation.
4. The error in the originally recorded cover sheet is apparent when that cover sheet is compared with the corrected assignment because:

The Attorney Docket number lists " IBM1P326/JP920110084US1" when it should read " IBM1P326/JP920110048US1". Applicant's attach a copy of the Assignment Recordation Cover Sheet as filed and a corrected Assignment document which shows the correct Attorney Docket number.

5. The recording fee is shown in the corrected cover sheet filed herewith. Payment of this recording fee is in the manner set forth in the corrected cover sheet.

Date: December 18, 2013  
Reg. No.: 42,762  
Tel. No.: 408-971-2573  
Customer No.: 50548

/Dominic M. Kotab/  
Signature of Practitioner  
Dominic M. Kotab  
Zilka-Kotab, PC  
P.O. Box 721120  
San Jose, CA 95172

**PATENT  
REEL: 032113 FRAME: 0575**

Assignment

**PATENT ASSIGNMENT COVER SHEET**Electronic Version v1.1  
Stylesheet Version v1.2Document I.D.  
\*502604339\*

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOSHIYUKI SHIRATORI	12/16/2013
KOHEI TAGUCHI	12/16/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	International Business Machines Corporation
<b>Street Address:</b>	New Orchard Road
<b>City:</b>	Armonk
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10504
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14126839
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)971-4660
<b>Phone:</b>	408-971-2573
<b>Email:</b>	april@zilkakotab.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
<b>Correspondent Name:</b>	ZILKA-KOTAB, PC
<b>Address Line 1:</b>	P.O. BOX 721120
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95172
<b>ATTORNEY DOCKET NUMBER:</b>	IBM1P326/JP920110084US1
<b>NAME OF SUBMITTER:</b>	DOMINIC M. KOTAB
<b>Signature:</b>	/Dominic M. Kotab/
<b>Date:</b>	12/16/2013
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
source=JP920110048US1_IBM1P326_signed dec-poa_12-16-2013#page1.tif	
source=JP920110048US1_IBM1P326_signed dec-poa_12-16-2013#page2.tif	

Assignment

source=JP920110048US1\_IBM1P326\_signed dec-poa\_12-16-2013#page3.tif  
source=JP920110048US1\_IBM1P326\_signed dec-poa\_12-16-2013#page4.tif

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**RECEIPT INFORMATION**

**EPAS ID:** PAT2650707  
**Receipt Date:** 12/16/2013  
**Fee Amount:** \$40



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Armonk, New York 10504

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San Jose, CA 95172-1120  
Tel. No.: (408) 971-2573

- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to Deposit Account No. 50-1351  
(Order No. IBM1P326)

- 8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: December 18, 2013

/Dominic M. Kotab/  
Dominic M. Kotab  
Registration No. 42,762