PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NHAN X BUI	03/01/2010
RANDY C INCH	03/01/2010
EIJI OGURA	03/02/2010

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:	12716956

CORRESPONDENCE DATA

Fax Number: (520)760-6651

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5207606629

Email: jhholcombe@cox.net

Correspondent Name: IBM CORPORATION

Address Line 1: 9000 S. RITA ROAD

Address Line 2: IP LAW (90A/9032)

Address Line 4: TUCSON, ARIZONA 85744

ATTORNEY DOCKET NUMBER:	TUC920100009US1
NAME OF SUBMITTER:	JOHN H. HOLCOMBE

Total Attachments: 10

source=TUC920100009US1_FileAssign#page1.tif

PATENT REEL: 024100 FRAME: 0534

501123029

source=TUC920100009US1_FileAssign#page2.tif source=TUC920100009US1_FileAssign#page3.tif source=TUC920100009US1_FileAssign#page4.tif source=TUC920100009US1_FileAssign#page5.tif source=TUC920100009US1_FileAssign#page6.tif source=TUC920100009US1_FileAssign#page7.tif source=TUC920100009US1_FileAssign#page8.tif source=TUC920100009US1_FileAssign#page9.tif source=TUC920100009US1_FileAssign#page10.tif

DOCKET: TUC920100009US1

RECORDATION FORM COVER SHEET PATENTS ONLY

US Department of Commerce Patent & Trademark Office

To t	he Honorable Commissioner for Pater thereof.	nts: Please record the attached original documents or
1.	Name of conveying party(ies): NHAN X. BUI RANDY C. INCH EIJI OGURA	<pre>*</pre>
	Additional name(s) of conveying party(ies) attachedYes XX No	<pre>* Street Address: New Orchard Road * City: Armonk State: NY ZIP: 10504 * Additional name(s) & address(es) attached? * Yes XX No</pre>
3.	Nature of conveyance: XX Assignment Execution Date:	03/01/2010; 03/01/2010; 03/02/2010
4. If of	Application number(s) or patent number this document is being filed toget the application is: A. Patent Application No.(s) 12/716,956 Additional numbers attached?	ther with a new application, the execution date * B. Patent No.(s) *
ō.	Name and address of party to whom correspondence concerning document should be mailed:	* 6. Total Number of applications and patents * involved: One *
	Name: Jennifer M. Anda Address: IBM Corporation Intellectual Property Law 9000 S. Rita Road(90A/903 Tucson, Arizona 85744	* 7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed XX Authorized to be charged to deposit account (Duplicate Copy Attached)
·	Statement and signature. To the best of my knowledge and be	* 8. Deposit Account Number: 09-0449 lief, the foregoing information is true and
	John H. Holcombe	true copy of the original document. Mar. 18, 2011 Date

Total number of pages including cover sheet, attachments, and document: /-10-/

DOCKET: TUC920100009US1

RECORDATION FORM COVER SHEET PATENTS ONLY

US Department of Commerce Patent & Trademark Office

To to	he Honorable Commissioner for Patent thereof.	s: Ple	ase record the attached origi	nal documents o
1.	Name of conveying party(ies): NHAN X. BUI RANDY C. INCH EIJI OGURA	* * * * * *	2. Name and address of recei Name: International Busines Machines Corporation	
	Additional name(s) of conveying party(ies) attached Yes XX No	* * * *	Street Address: New Orchar City: Armonk State: NY Additional name(s) & address Yes XX No	ZIP: 10504
3.	Nature of conveyance: XX Assignment Execution Date:	03/01/2	010; 03/01/2010; 03/02/2010	
If of	Application number(s) or patent num this document is being filed togeth the application is: A. Patent Application No.(s) 12/716,956 Additional numbers attached?	ter with		ation date
	Name and address of party to whom correspondence concerning document should be mailed:	* 6. *	Total Number of application involved: <u>One</u>	s and patents
	Name: Jennifer M. Anda Address: IBM Corporation Intellectual Property Law 9000 S. Rita Road(90A/9032) Tucson, Arizona 85744	*	Total fee (37 CFR 3.41) Enclosed XX Authorized to be charged deposit account (Duplicate Copy Attached)	
	Statement and signature. To the best of my knowledge and boli	* 8.	Deposit Account Number:	09-0449
	To the best of my knowledge and belicorrect and any attached copy is a to	rue cor	e foregoing information is tracky of the original document. Mar. 18 Zo 16 Date	ae and
	John H. Hølcombe			

Total number of pages including cover sheet, attachments, and document: /-10-/

IBM DOCKET NUMBER: TUC920100009US1

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: APPLICATION OF CONTINUOUS POSITION ERROR OFFSET SIGNAL TO ACQUIRE SERVO TRACK

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/7/6, 756 (insert series code and serial number here if/when available)

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, assigns, and otherwise transfers 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 Serial 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.

[Inventor Signature Pages Follow] Page 1 of 4

Executed by Inventor 1 of _3_

Signature:

Date: 3/1/20

Executed by Inventor 2 of _3_

Signature:

_Date:

	5 (11 X (2 C 2	
	Executed by Inventor 3 of _3_	
Signature:	Date:	

IBM DOCKET NUMBER: TUC920100009US1

Page 4 of 4

IBM DOCKET NUMBER: TUC920100009USI

ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

Title of the Invention: APPLICATION OF CONTINUOUS POSITION ERROR OFFSET SIGNAL TO ACQUIRE SERVO TRACK

and further identified by the IBM Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed having:

Serial Number: 12/7/6, 956 (insert series code and serial number here if/when available)

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, assigns, and otherwise transfers 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 Serial 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.

[Inventor Signature Pages Follow] Page 1 of 4

	IBM DOCKET NUMBER: TUC920100009US1
	Executed by Inventor 1 of 3
Signature:	Date:
NHAN X. B	UL

Page 2 of 4

		IBM DOCKET NU	MBER: TUC920100009US1
	Execute	ed by Inventor 2 of 3	
4,	CONTRACTOR OF THE PROPERTY OF		
Signature:		Date:	
	RANDY C. INCH		

Page 3 of 4

		IBM DOCKET NUMBER: TUC920100009US
and the same of th	Executed by In	ventor 3 of 3
Signature:	EJI GULA ELII OGURA	Date:

Page 4 of 4

PATENT REEL: 024100 FRAME: 0545

RECORDED: 03/18/2010