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 Jung	09/14/2010
Dr. Hans-Helge Lehmann	09/19/2010
Elke G. Nass	09/14/2010
Christoph Raisch	09/09/2010

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:	12892651	

CORRESPONDENCE DATA

Fax Number: (507)253-2382

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

Phone: 507-253-4661

Email: dapeters@us.ibm.com

Correspondent Name: IBM Corporation

Address Line 1: 3605 Highway 52 North
Address Line 2: James R. Nock, Dept. 917
Address Line 4: Rochester, MINNESOTA 55901

ATTORNEY DOCKET NUMBER:	DE920090034US1	
NAME OF SUBMITTER:	James R. Nock	

Total Attachments: 6

501304014

PATENT REEL: 025056 FRAME: 0527 540.00 12892

source=DE920090034US1_Assignment#page1.tif source=DE920090034US1_Assignment#page2.tif source=DE920090034US1_Assignment#page3.tif source=DE920090034US1_Assignment#page4.tif source=DE920090034US1_Assignment#page5.tif source=DE920090034US1_Assignment#page6.tif

> PATENT REEL: 025056 FRAME: 0528

IBM DOCKET NUMBER: DE920090034US1

ASSIGNMENT

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

CONFIGURATION ADAPTATION LAYER FOR MAPPNIG I/O DEVICE RESOURCES

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

Application N	umber: _	
---------------	----------	--

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.

	Executed by Inven	itorI of 4
Signature: ////////////////////////////////////	,	Date: <u>9/44/2010</u>
	Executed by Inven	tor 2 of 4
Signature: Dr. Hans-Helg	e Lehmann	Date:
	Executed by Inven	tor 3 of 4
Signature: Like G. Nass		
	Executed by Inven	tor 4 of 4
Signature:Christoph Rai	sch	Date:

IBM DOCKET NUMBER: DE920090034US1

ASSIGNMENT

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

CONFIGURATION ADAPTATION LAYER FOR MAPPING I/O DEVICE RESOURCES

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:

Application Number:	
---------------------	--

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.

	Executed by	Inventor 1 of 4
Signature: _	Michael Jung	Date:
	Executed by 1	Inventor 2 of 4
Signature: _	Dr. Hans-Helge Lehmann	
	Executed by 1	Inventor 3 of 4
Signature: _	Elke G. Nass	Date:
	Executed by 1	Inventor 4 of 4
Signature: _	Christoph Raisch	Date:

ASSIGNMENT

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

CONFIGURATION ADAPTATION LAYER FOR MAPPNIG I/O DEVICE RESOURCES

and further identified by the II	BM Docket Number	provided above in the	header of this A	ssignment, for
which an application for a Uni	ted States Patent was	s executed concurrently	ly herewith or wa	as filed having:

Application Number:	
---------------------	--

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.

		Executed by I	aventor1 (of 4
Signature:	Michael Jung			Date:
		Executed by I	iventor 2	of 4
	e comprehensive sum	and the second		
Signature:	Dr. Hans-Helge Leh	mann		Date:
		Executed by I	nventor 3	of 4
Signature:	Elke G. Nass			Date:
(LALLELLE LA SOCIONISTICAL DE LA SOCIONISTICA DE LA SOCIENISTICA DE LA SOCIONISTICA DE LA SOCIENISTICA DEL SOCIENISTICA DE LA SOCIENISTICA		Executed by I	nventor 4	of 4
Signature:	Thurty Res	unk	· · · · · · · · · · · · · · · · · · ·	Date: 2010-09-09

PATENT REEL: 025056 FRAME: 0534

RECORDED: 09/28/2010