PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony F. Coneski	06/21/2010
David Craddock	06/21/2010
Mark S. Farrell	06/21/2010
Charles W. Gainey Jr.	06/21/2010
Beth A. Glendening	06/21/2010
Thomas A. Gregg	06/22/2010
Dan F. Greiner	06/21/2010
Ugochukwu C. Njoku	06/22/2010

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:	12821187

CORRESPONDENCE DATA

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PATENT

REEL: 024583 FRAME: 0447

12821187

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ATTORNEY DOCKET NUMBER: POU920100022US1(0560.933)		
NAME OF SUBMITTER: Blanche E. Schiller, Esq.		
Total Attachments: 9		
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PATENT REEL: 024583 FRAME: 0448

ASSIGNMENT

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

ENABLE/DISABLE ADAPTERS OF A COMPUTING ENVIRONMENT

		et Number provided above in the header of this Assignment, for Patent was executed concurrently herewith or was filed having:
Serial Number:	12/821,187	(insert series code and serial number here if/when available
business at Armoi Inventor desires to	ik. New York (herein grant to IBM, the ent	res Corporation, a corporation of New York having a place of referred to as "IBM"), desires to acquire, and each undersigned ire worldwide right, title, and interest in and to the Invention and 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 tifle 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.

Haventor Signature Page(s) Follows

Page 1 of 3

Executed by Inventor 1	
Signature: Anthony F. Coneski	Date: 6-21-2010
Executed by Inventor 2	
Signature: David Craddock	Date: 6/21/2010
Executed by Inventor 3	
Signature Mark S. Farrell Mark S. Farrell	Date: 6/21/2010
Executed by Inventor 4	
Signature Charles W. Gainey, Jr. Charles W. Gainey, Jr.	Date: 6/21/2010
Executed by Inventor 5	
Signature: Lett A Olendefring Beth A. Glendening	Date: 06/21/010

Page 2 of 3

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Signature:	Thomas A. Gregg	Date: 6/22/2010
***************************************	Executed by Inv	rentor 7
Signature;	Dan F. Greiner	Date:
sasangan na minangan an Amerika na ama	Executed by Inv	rentor 8
Signature:	Hacebukwa C. Nioku	Date:

Page 3 of 3

ASSIGNMENT

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

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		Patent was executed concurrently herewith or was filed having:
Serial Number:	12/821,187	(insert series code and serial number here if/when available
ousiness at Armor inventor desires to	nk, New York (herein in grant to IBM, the ent	rese Corporation, a corporation of New York having a place of referred to as "IBM"), desires to acquire, and each undersigned ire worldwide right, title, and interest in and to the Invention and 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 Page(s) Follows]

Page 1 of 3

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Signature:	Anthony F. Coneski	· · · · · · · · · · · · · · · · · · ·	Date:
transferming the state of the s		Executed by Inventor 2	
Signature:	David Craddock	· · · · · · · · · · · · · · · · · · ·	Date:
400 horas ciriando en escalações da la		Executed by Inventor 3	
Signature:	Mark S. Farrell		Date:
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Signature:	Charles W. Gainey, Jr.		Date:
**************************************		Executed by Inventor 5	
Signature:	Both A. Glendening		Date:

Page 2 of 3

**************************************	Executed by Inventor 6	
Signature:	Thomas A. Gregg	Date:
Nettership	Executed by Inventor 7	
Signature: _	Dan F. Greiner	Date: 21 June 2010
www.mananananananananananananananananananan	Executed by Inventor 8	
Signature:	Ugochukwu C. Njoku	Date:

ASSIGNMENT

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	•	Number provided above in the header of this Assignment, for Patent was executed concurrently herewith or was filed having:
Serial Number:	12/821,187	(insert series code and serial number here if/when available)
Whereas, Internation	onal Business Machine	es Corporation, a corporation of New York having a place of

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.

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[Inventor Signature Page(s) Follows]

		Executed by Inventor 1	
Signature:	Anthony F. Coneski		Date:
		Executed by Inventor 2	
		Executed by Inventor 2	TO SECRETARISH AND
Signature:	David Craddock		Date:
		Executed by Inventor 3	
Signature:	Mark S. Farrell		Date:
		Executed by Inventor 4	
Signature:	Charles W. Gainey, Jr.		Date:
	<u> Marijana kana kana kana kana kana kana kana </u>	Executed by Inventor 5	
Signature:	Beth A. Glendening		Date:

Page 2 of 3

	Executed by Inve	entor 6
Signature: _	Thomas A. Gregg	Date:
· · · · · · · · · · · · · · · · · · ·	Executed by Inve	entor 7
Signature:	Dan F. Greiner	Date:
	Executed by Inve	entor 8
Signature:	Mahuku Chal Ugochukwu C. Njoku	Date:

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PATENT REEL: 024583 FRAME: 0457

RECORDED: 06/23/2010