504188216 01/20/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4234891

		NEW ASSIGNMENT	
NATURE OF CONVEYA	NCE:	ASSIGNMENT	
CONVEYING PARTY	ΔΤΑ		
		Name	Execution Date
JOHN F. BETZ			11/30/2015
JOEL A. BOGART			11/23/2015
CHARLES E. HAIGHT			11/23/2015
DANIEL G. MACKOWAY			11/20/2015
TIMOTHY W. MORREL	_L		11/30/2015
THOMAS H. ROSE			11/23/2015
Name:		NATIONAL BUSINESS MACHINES C	CORPORATION
Street Address:		DRCHARD ROAD	
City:	ARMO	NK	
State/Country:	NEW Y	ÓRK	
Postal Code:	10504		
PROPERTY NUMBER	S Total: 1		
Property Type		Number	
Property Type Application Number:	•	Number	
	•	Number 15411017	
Application Number:			
Application Number:	DATA		
Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA be sent to	15411017 (607)429-4119 o the e-mail address first; if that is u	
Application Number: CORRESPONDENCE Fax Number: Correspondence will a using a fax number, it	DATA be sent to	15411017 (607)429-4119	
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, if Phone:	DATA be sent to f provideo	15411017 (607)429-4119 o the e-mail address first; if that is u d; if that is unsuccessful, it will be s	
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will i</i> <i>using a fax number, if</i> Phone: Email:	DATA be sent to f provideo	15411017 (607)429-4119 o the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161	sent via US Mail.
Application Number: CORRESPONDENCE Fax Number: Correspondence will a using a fax number, if Phone: Email: Correspondent Name	DATA be sent to f provideo	15411017 (607)429-4119 D the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com	sent via US Mail.
Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will i</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name Address Line 1:	DATA be sent to f provideo :	15411017 (607)429-4119 o the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D	sent via US Mail.
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2:	DATA be sent to f provideo :	15411017 (607)429-4119 D the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D 2455 SOUTH ROAD	sent via US Mail. RAFTING CENT
Application Number: CORRESPONDENCE Fax Number: Correspondence will	DATA be sent to f provideo	15411017 (607)429-4119 b the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D 2455 SOUTH ROAD M/S P386, BLDG. 008-2 POUGHKEEPSIE, NEW YORK 1260	sent via US Mail. RAFTING CENT
Application Number: CORRESPONDENCE Fax Number: Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	DATA be sent to f provideo : IUMBER:	15411017 (607)429-4119 b the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D 2455 SOUTH ROAD M/S P386, BLDG. 008-2 POUGHKEEPSIE, NEW YORK 1260	sent via US Mail. RAFTING CENT
Application Number: CORRESPONDENCE Fax Number: Correspondence will a using a fax number, it Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	DATA be sent to f provideo : IUMBER:	15411017 (607)429-4119 o the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D 2455 SOUTH ROAD M/S P386, BLDG. 008-2 POUGHKEEPSIE, NEW YORK 1260 POU920150242US3	sent via US Mail. RAFTING CENT
Application Number: CORRESPONDENCE Fax Number: Correspondence will i using a fax number, if Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	DATA be sent to f provideo : IUMBER:	15411017 (607)429-4119 D the e-mail address first; if that is u d; if that is unsuccessful, it will be s 845.433.1161 johnsodc@us.ibm.com IBM CORPORATION - ENDICOTT D 2455 SOUTH ROAD M/S P386, BLDG. 008-2 POUGHKEEPSIE, NEW YORK 1260 POU920150242US3 DANIEL R. SIMEK	sent via US Mail. RAFTING CENT

Total Attachments: 12
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page1.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page2.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page3.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page4.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page5.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page6.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page7.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page8.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page9.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page10.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page11.tif
source=POU920150242US1_Assignment_Declaration_FINAL_11-30-15#page12.tif

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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):

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.

Page 1 of 2

PATENT REEL: 041024 FRAME: 0889

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.

	Legal Name of Inventor: John F. Betz	
	Signature: John J. Betz	Date: 11/30/2015
(2)	Legal Name of Inventor: Joel A. Bogart	
	Signature:	Date:
(3)	Legal Name of Inventor: Charles E. Haight III	
	Signature:	Date:
(4)	Legal Name of Inventor: Daniel G. Mackoway	
	Signature:	Date
(5)	Legal Name of Inventor: Timothy W. Morrell	
	Signature	Date:
(6)	Legal Name of Inventor: Thomas H. Rose	
	Signature:	Date:

Page 2 of 2

PATENT REEL: 041024 FRAME: 0890

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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):

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;

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and an 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.

Thereby 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 (\$) years, or both

	Signanse:	Dates
	Legal Name of Inventor: Joel A. Bogart	· /
	Signature: Sefl 550	Date: $\frac{\mu}{23}/15^{-1}$
	Legal Name of Inventor: Charles E. Haight III	
	Signature:	Dates
(4)	Legal Name of Inventor: Daniel G. Mackoway	
	Signature:	Date:
(5)	Legal Name of Inventor: Timothy W. Morrell	
	Signanae:	Date:
(6)	Legal Name of Inventor: Thomas H. Rose	
	Signature:	Date:

(f) Legal Name of Inventor: John F. Betz

Page 2 of 2

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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):

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;

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and an 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: John F. Betz	
Signature:	Date:
(2) Legal Name of Inventor: Joel A. Bogart	
Signature:	Date:
(3) Legal Name of Therentor: Charles E. Haight III Signature:	
(4) Legal Name of Inventor: Daniel G. Mackoway	
Signature:	Date:
(5) Legal Name of Inventor: Timothy W. Morrell	
Signature:	Date:
(6) Legal Name of Inventor: Thomas II. Rose	
Signature:	Date:

Page 2 of 2

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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 St	ttes application or PCT international application number	
filed on	······································	

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;

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and an 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 N	ame of inventor: John F. Betz	
Signatu	¢.	Date
(2) Legal N	ame of Inventor. Joel A. Bogart	
Signatur	e	Date:
(3) Legal N	ame of Inventor: Charles E. Haight III	
Signatur	¢;	Date:
	ame of Inventor: Daniel G. Mackoway	× 4
Signatur	e Alulancy	Date: <u>1/20/2015</u>
	ame of inventor: Timothy W. Morrell	
Signatur	¢;	Date
(6) Legal N	ame of Inventor: Thomas H. Rose	
Signatur	¢;	Date:
	Sugar ? of ?	

1.986 7 (B 7)

Pillon Joons PATENT REEL: 041024 FRAME: 0896

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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):

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;

Lacknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and an univare 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. Talso hereby gram the ASSIGNEE, its successors, legal representatives, and assigns, the right to insen 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.

Thereby acknowledge that any willful false statement made in this declaration is purishable under 18. U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or bolt.

	Legal Name of Inventor: John F. Betz	
	Signature	Date:
(2)	Legal Name of Inventor, Joel A. Bogart	
	Signature:	Date:
(3)	Legal Name of Inventor: Charles E. Huight III	
	Signature:	Dæs:
(4)	Legal Name of Inventor: Daniel G. Mackoway	
	Signaure:	Date:
(5)	Legal Name of Inventor: Timothy W; Morrell	1 I
	Signaure: Tanget	Date: 11/30/15
(6)	Legal Name of Inventor: Thomas H. Rose	
	Signature:	Date

Mage 2 of 2

PATENT REEL: 041024 FRAME: 0898

Title of Invention: MONITORING AND RESPONDING TO OPERATIONAL CONDITIONS OF A LOGICAL PARTITION FROM A SEPARATE LOGICAL PARTITION

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):

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;

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: John F. Betz	
Signature:	Date:
(2) Legal Name of Inventor: Joel A, Bogart	
Signature:	Date:
(3) Legal Name of Inventor: Charles E. Haight III	
Signature:	Date:
(4) Legal Name of Inventor: Daniel G. Mackoway	
Signature:	Date:
(5) Legal Name of Inventor: Timothy W. Morrell	
Signature:	Date:
(6) Legal Name of Inventor: Thomas H. Rose Signature:	Date:11-2-3-15

Page 2 of 2

PATENT REEL: 041024 FRAME: 0900

RECORDED: 01/20/2017