

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Steven I. Ross</td><td>01/16/2008</td></tr><tr><td>Nishanth R. Sastry</td><td>01/15/2008</td></tr><tr><td>Daniel M. Gruen</td><td>01/16/2008</td></tr><tr><td>Susanne C. Hupfer</td><td>01/16/2008</td></tr><tr><td>John F. Patterson</td><td>01/16/2008</td></tr><tr><td>James E. Christensen</td><td>01/15/2008</td></tr><tr><td>Stephen E. Levy</td><td>01/15/2008</td></tr></tbody></table>	Name	Execution Date	Steven I. Ross	01/16/2008	Nishanth R. Sastry	01/15/2008	Daniel M. Gruen	01/16/2008	Susanne C. Hupfer	01/16/2008	John F. Patterson	01/16/2008	James E. Christensen	01/15/2008	Stephen E. Levy	01/15/2008	
Name	Execution Date																
Steven I. Ross	01/16/2008																
Nishanth R. Sastry	01/15/2008																
Daniel M. Gruen	01/16/2008																
Susanne C. Hupfer	01/16/2008																
John F. Patterson	01/16/2008																
James E. Christensen	01/15/2008																
Stephen E. Levy	01/15/2008																
RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>	Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504							
Name:	International Business Machines Corporation																
Street Address:	New Orchard Road																
City:	Armonk																
State/Country:	NEW YORK																
Postal Code:	10504																
PROPERTY NUMBERS Total: 1																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12017987</td></tr></tbody></table>	Property Type	Number	Application Number:	12017987													
Property Type	Number																
Application Number:	12017987																
CORRESPONDENCE DATA																	
Fax Number: (978)341-0136 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 978-341-0036																	
Email: Kellie.Varno@hbsr.com																	
Correspondent Name: Mary Lou Wakimura, Esq.																	
Address Line 1: 530 Virginia Road																	
Address Line 2: P.O. Box 9133																	
Address Line 4: Concord, MASSACHUSETTS 01742-9133																	
ATTORNEY DOCKET NUMBER:	3760.1074-000																

PATENT

500452396

REEL: 020439 FRAME: 0351

CH \$40.00 12017987

NAME OF SUBMITTER:

Kellie J. Varno

Total Attachments: 8

source=3760.1074-000 Assignment#page1.tif

source=3760.1074-000 Assignment#page2.tif

source=3760.1074-000 Assignment#page3.tif

source=3760.1074-000 Assignment#page4.tif

source=3760.1074-000 Assignment#page5.tif

source=3760.1074-000 Assignment#page6.tif

source=3760.1074-000 Assignment#page7.tif

source=3760.1074-000 Assignment#page8.tif

PATENT

REEL: 020439 FRAME: 0352

ASSIGNMENT

Whereas, we

Steven I. Ross	of South Hamilton
County of Essex	State of Massachusetts
Nishanth R. Sastry	of Cambridge
County of Middlesex	State of Massachusetts
Daniel M. Gruen	of Newton
County of Middlesex	State of Massachusetts
Susanne C. Hupfer	of Lexington
County of Middlesex	State of Massachusetts
John F. Patterson	of Carlisle
County of Middlesex	State of Massachusetts
James E. Christensen	of Cortlandt Manor
County of Westchester	State of New York
Stephen E. Levy	of Honolulu
County of Honolulu	State of Hawaii

have invented certain improvements in

Computer Method and Apparatus for Graphical Inquiry Specification With
Progressive Summary

and executed, respectively, a United States patent application therefore on

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

(1) _____, 2008	(2) _____, 2008
(3) _____, 2008	(4) _____, 2008
(5) _____, 2008	(6) _____, 2008
(7) <u>JAN 15</u> , 2008	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

_____ Steven I. Ross	on _____, 2008
_____ Nishanth R. Sastry	on _____, 2008
_____ Daniel M. Gruen	on _____, 2008
_____ Susanne C. Hupfer	on _____, 2008
_____ John F. Patterson	on _____, 2008
_____ James E. Christensen	on _____, 2008
_____ Stephen E. Levy	on Jan 15, 2008

780384 1

ASSIGNMENT

Whereas, we

Steven I. Ross County of Essex	of South Hamilton State of Massachusetts
Nishanth R. Sastry County of Middlesex	of Cambridge State of Massachusetts
Daniel M. Gruen County of Middlesex	of Newton State of Massachusetts
Susanne C. Hupfer County of Middlesex	of Lexington State of Massachusetts
John F. Patterson County of Middlesex	of Carlisle State of Massachusetts
James E. Christensen County of Westchester	of Cortlandt Manor State of New York
Stephen E. Levy County of Honolulu	of Honolulu State of Hawaii

have invented certain improvements in

Computer Method and Apparatus for Graphical Inquiry Specification With
Progressive Summary

and executed, respectively, a United States patent application therefore on

DATES THAT INVENTORS SIGNED THE DECLARATION	(1)	1/16	, 2008	(2)		, 2008
	(3)	1/16	, 2008	(4)	Jan 16	, 2008
	(5)	1/16	, 2008	(6)		, 2008
	(7)		, 2008			

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

Steven I. Ross
Steven I. Ross

on January 16, 2008

Nishanth R. Sastry

on _____, 2008

Daniel M. Gruen
Daniel M. Gruen

on January 16, 2008

Susanne C. Hupler
Susanne C. Hupler

on January 16, 2008

John F. Patterson
John F. Patterson

on January 16, 2008

James E. Christensen

on _____, 2008

Stephen E. Levy

on _____, 2008

7R0384_1

ASSIGNMENT

Whereas, we

Steven I. Ross	of South Hamilton
County of Essex	State of Massachusetts
Nishanth R. Sastry	of Cambridge
County of Middlesex	State of Massachusetts
Daniel M. Gruen	of Newton
County of Middlesex	State of Massachusetts
Susanne C. Hupfer	of Lexington
County of Middlesex	State of Massachusetts
John F. Patterson	of Carlisle
County of Middlesex	State of Massachusetts
James E. Christensen	of Cortlandt Manor
County of Westchester	State of New York
Stephen E. Levy	of Honolulu
County of Honolulu	State of Hawaii

have invented certain improvements in

Computer Method and Apparatus for Graphical Inquiry Specification With
Progressive Summary

and executed, respectively, a United States patent application therefore on

DATES THAT INVENTORS SIGNED THE DECLARATION	(1) _____, 2008	(2) <u>15 January</u> , 2008
	(3) _____, 2008	(4) _____, 2008
	(5) _____, 2008	(6) _____, 2008
	(7) _____, 2008	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

Steven I. Ross

on _____, 2008

Nishanth R. Sastry
Nishanth R. Sastry

on 15 January, 2008

Daniel M. Gruen

on _____, 2008

Susanne C. Hupfer

on _____, 2008

John F. Patterson

on _____, 2008

James E. Christensen

on _____, 2008

Stephen E. Levy

on _____, 2008

780384_1

ASSIGNMENT

Whereas, we

Steven I. Ross	of South Hamilton
County of Essex	State of Massachusetts
Nishanth R. Sastry	of Cambridge
County of Middlesex	State of Massachusetts
Daniel M. Gruen	of Newton
County of Middlesex	State of Massachusetts
Susanne C. Hupfer	of Lexington
County of Middlesex	State of Massachusetts
John F. Patterson	of Carlisle
County of Middlesex	State of Massachusetts
James E. Christensen	of Cortlandt Manor
County of Westchester	State of New York
Stephen E. Levy	of Honolulu
County of Honolulu	State of Hawaii

have invented certain improvements in

Computer Method and Apparatus for Graphical Inquiry Specification With
Progressive Summary

and executed, respectively, a United States patent application therefore on

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

(1) _____, 2008	(2) _____, 2008
(3) _____, 2008	(4) _____, 2008
(5) _____, 2008	(6) <u>January 15</u> , 2008
(7) _____, 2008	

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

Steven I. Ross

on _____, 2008

Nishanth R. Sastry

on _____, 2008

Daniel M. Gruen


on _____, 2008

Susanne C. Hupfer

on _____, 2008

John F. Patterson

on _____, 2008


James E. Christensen

on JANUARY 15, 2008

Stephen E. Levy

on _____, 2008

780384_1