

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Samuel Jonathan Smith</td><td>08/23/2007</td></tr><tr><td>John Colgrave</td><td>08/29/2007</td></tr><tr><td>Manfred Oevers</td><td>08/21/2007</td></tr></tbody></table>	Name	Execution Date	Samuel Jonathan Smith	08/23/2007	John Colgrave	08/29/2007	Manfred Oevers	08/21/2007	
Name	Execution Date								
Samuel Jonathan Smith	08/23/2007								
John Colgrave	08/29/2007								
Manfred Oevers	08/21/2007								
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									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11843968</td></tr></tbody></table>	Property Type	Number	Application Number:	11843968					
Property Type	Number								
Application Number:	11843968								
CORRESPONDENCE DATA									
Fax Number: (919)254-4330 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 9195432541									
Email: jeanine@us.ibm.com									
Correspondent Name: Jeanine S Ray-Yarletts									
Address Line 1: 3039 Cornwallis Road									
Address Line 2: T81/503									
Address Line 4: Res Tri Park, NORTH CAROLINA 27709									
ATTORNEY DOCKET NUMBER:	GB920070113US1								
NAME OF SUBMITTER:	Jeanine S Ray-Yarletts								
Total Attachments: 3 source=GB920070113US1_Assignment#page1.tif									

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PATENT
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ASSIGNMENT

Docket No. GB920070113US1

Whereas, we
(1) **Samuel Jonathan Smith**
and (2) **John Colgrave**
and (3) **Manfred Oevers**
have invented certain improvements in

of Inner Avenue, Southampton,
United Kingdom,
of Eastleigh, Hants,
United Kingdom,
of Tuebingen,
Federal Republic of Germany

**ACCESSING OBJECTS IN A SERVICE REGISTRY AND REPOSITORY USING
SUBCLASS INFERENCE**

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

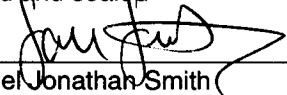
and executed, respectively, a United States patent application therefor on

(1) August 23, 2007, (2) _____, 2007,
(3) _____, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at 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 therefor;

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



Samuel Jonathan Smith

on 23 August, 2007

John Colgrave

on _____, 2007

Manfred Oevers

on _____, 2007

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**ACCESSING OBJECTS IN A SERVICE REGISTRY AND REPOSITORY USING
SUBCLASS INFERENCE**

DATES THAT INVENTORS
SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on
(1) _____, 2007, (2) August 29, 2007,
(3) _____, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at 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 therefor;

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

Samuel Jonathan Smith

on _____, 2007

J. Colgrave

John Colgrave

on 29/08, 2007

Manfred Oevers

on _____, 2007

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Docket No. GB920070113US1

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SIGNED THE
DECLARATION and executed, respectively, a United States patent application therefor on
(1) _____, 2007, (2) _____, 2007,
(3) 21. August, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at 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 therefor;

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Signed and sealed

Samuel Jonathan Smith on _____, 2007

John Colgrave on _____, 2007
Manfred Oevers
Manfred Oevers on 21. August, 2007

PATENT

RECORDED: 10/09/2007

REEL: 019936 FRAME: 0466