

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Scott Rich		12/12/2007
Rafik Jaouani		04/25/2008
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:	12109935	
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Total Attachments: 2		
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CH \$40.00 12109935

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PATENT
REEL: 020858 FRAME: 0986

ASSIGNMENT

Whereas, we

(1) Scott Rich
County of Wake

City of Cary,
State of North Carolina,

(2) Rafik Jaouani
Province of Ontario

City of Ottawa,
Canada

have invented certain improvements in

Method and Apparatus for Declarative Data Warehouse Definition for Object-Relational Mapped Objects

and executed, respectively, a United States patent application therefor on (Dates inventors signed the Declaration):

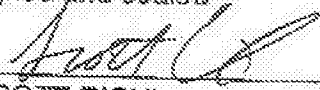
(1) 12/19, 2007

(2) _____, 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

 on 12/12, 2007
(SCOTT RICH)

_____ on _____, 2007
(RAFIK JAOUANI)

ASSIGNMENT

Whereas, we

(1) Scott Rich
County of WakeCity of Cary,
State of North Carolina,(2) Rafik Jaouani
Province of OntarioCity of Ottawa,
Canada

have invented certain improvements in

Method and Apparatus for Declarative Data Warehouse Definition for Object-Relational Mapped Objects

and executed, respectively, a United States patent application therefor on (Dates inventors signed the Declaration):

(1) _____, 2007

(2) April 25, 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

(SCOTT RICH) _____ on _____, 2007

(RAFIK JAOUANI) _____ on April 25, 2007

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