

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
		Name	Execution Date
		Richard D. Dettinger	04/24/2007
		Frederick A. Kulack	04/24/2007
		Xueyun S. Wang	05/02/2007
		Shannon E. Wenzel	04/30/2007
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			
Property Type		Number	
Application Number:		11748705	
CORRESPONDENCE DATA			
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ATTORNEY DOCKET NUMBER:	ROC920060279US1		
NAME OF SUBMITTER:	William J. McGinnis		
Total Attachments: 4			
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PATENT
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ASSIGNMENT

Whereas, we

- | | | |
|-----|---|---|
| (1) | Richard D. Dettinger
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (2) | Frederick A. Kulack
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (3) | Xueyun S. Wang
County of Santa Clara | City of San Jose,
and State of California, |
| (4) | Shannon E. Wenzel
County of Marathon | City of Colby,
and State of Wisconsin, |

have invented certain improvements in

ONTOLOGICAL TRANSLATION OF ABSTRACT RULES

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

Dates Inventors


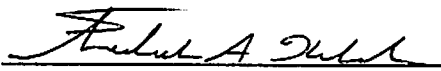
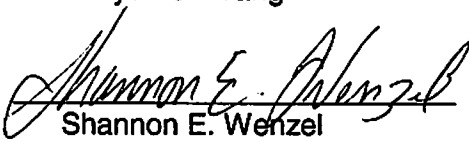
Signed

Declaration (1) April 24, 2007 (2) April 24, 2007
(3) _____, 2007 (4) April 30, 2007

And 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 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 invention 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

Inventor (1)	at <u>Rochester, Minnesota</u>	 Richard D. Dettinger	Inventor Signature
	on <u>4-24</u> , 2007.		
Inventor (2)	at <u>Rochester, Minnesota</u>	 Frederick A. Kulack	Inventor Signature
	on <u>4/24</u> , 2007.		
Inventor (3)	at <u>San Jose, California</u>	 Xueyun S. Wang	Inventor Signature
	on _____, 2007.		
Inventor (4)	at <u>Rochester, Minnesota</u>	 Shannon E. Wenzel	Inventor Signature
	on <u>4/30</u> , 2007.		

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Dates Inventors


Signed

Declaration (1)_____, 2007 (2)_____, 2007
(3) May 2 _____, 2007 (4)_____, 2007

And 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 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 invention 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

Inventor (1)	at <u>Rochester, Minnesota</u>	<u>Richard D. Dettinger</u>	Inventor Signature
	on _____, 2007.		
Inventor (2)	at <u>Rochester, Minnesota</u>	<u>Frederick A. Kulack</u>	Inventor Signature
	on _____, 2007.		
Inventor (3)	at <u>San Jose, California</u>	 <u>Xueyan S. Wang</u>	Inventor Signature
	on <u>May 2</u> , 2007.		
Inventor (4)	at <u>Rochester, Minnesota</u>	<u>Shannon E. Wenzel</u>	Inventor Signature
	on _____, 2007.		