

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	05/30/2006										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John D. Irish</td> <td>05/30/2006</td> </tr> <tr> <td>Chad B. McBride</td> <td>05/30/2006</td> </tr> <tr> <td>Ibrahim A. Ouda</td> <td>05/26/2006</td> </tr> <tr> <td>Andrew H. Wottreng</td> <td>05/25/2006</td> </tr> </tbody> </table>		Name	Execution Date	John D. Irish	05/30/2006	Chad B. McBride	05/30/2006	Ibrahim A. Ouda	05/26/2006	Andrew H. Wottreng	05/25/2006
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Andrew H. Wottreng	05/25/2006										
<b>RECEIVING PARTY DATA</b>											
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11420884</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11420884						
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Application Number:	11420884										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(507)253-2382										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	507-253-4661										
Email:	elseth@us.ibm.com										
Correspondent Name:	James R Nock										
Address Line 1:	3605 Hwy 52 North										
Address Line 4:	Rochester, MINNESOTA 55901										
ATTORNEY DOCKET NUMBER:	ROC920050489US1										
NAME OF SUBMITTER:	James R Nock										

CH \$40.00 11420884

Total Attachments: 2

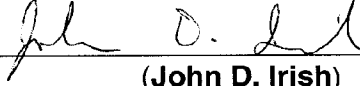

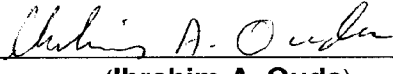
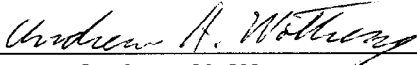
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention 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, MN</u>	 <b>(John D. Irish)</b>	Inventor Signature
	on <u>May 30</u> , 2006.	First Name Initial Last Name	
Inventor (2)	at <u>Rochester, MN</u>	 <b>(Chad B. McBride)</b>	Inventor Signature
	on <u>May 30</u> , 2006.	First Name Initial Last Name	
Inventor (3)	at <u>Rochester, MN</u>	 <b>(Ibrahim A. Ouda)</b>	Inventor Signature
	on <u>May 26</u> , 2006.	First Name Initial Last Name	
Inventor (4)	at <u>Rochester, MN</u>	 <b>(Andrew H. Wottreng)</b>	Inventor Signature
	on <u>May 25</u> , 2006.	First Name Initial Last Name	