

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>Wael R. El-essawy</td><td>07/31/2008</td></tr><tr><td>Lixin Zhang</td><td>07/31/2008</td></tr></tbody></table>	Name	Execution Date	Wael R. El-essawy	07/31/2008	Lixin Zhang	07/31/2008	
Name	Execution Date						
Wael R. El-essawy	07/31/2008						
Lixin Zhang	07/31/2008						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12185206</td></tr></tbody></table>	Property Type	Number	Application Number:	12185206			
Property Type	Number						
Application Number:	12185206						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Casimer K. Salys						
Total Attachments: 2 source=AUS920080248US1_SignedAsgn#page1.tif source=AUS920080248US1_SignedAsgn#page2.tif							

CH \$40.00 12185206

PATENT

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REEL: 021341 FRAME: 0780

ASSIGNMENT

Whereas, we,

- | | |
|---|------------------------------|
| (1) <u>Wael R. El-essawy</u>
County of Travis | of Austin
and State of TX |
| (2) <u>Lixin Zhang</u>
County of Travis | of Austin
and State of TX |

have invented certain improvements in

THREAD COMPLETION RATE CONTROLLED SCHEDULING

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

(Dates Inventors Signed Declaration) (1) 7-31, (2008) and (2) 07-31, (2008).

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 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 in all foreign countries, and all rights of priority resulting from the filing of said United States application in the United States and in all foreign countries, 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.

(1) Signed at Austin, Tx on 7-31, 2008.
(City) (Date)


Wael R. El-essawy

(2) Signed at Austin, Tx on 07-31, 2008.
(City) (Date)


Lixin Zhang