

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas M. Gooding</td> <td>12/20/2007</td> </tr> <tr> <td>Brant L. Knudson</td> <td>02/08/2008</td> </tr> <tr> <td>Cory Lappi</td> <td>02/11/2008</td> </tr> <tr> <td>Ruth J. Poole</td> <td>02/08/2008</td> </tr> <tr> <td>Andrew T. Tauferner</td> <td>12/04/2007</td> </tr> </tbody> </table>		Name	Execution Date	Thomas M. Gooding	12/20/2007	Brant L. Knudson	02/08/2008	Cory Lappi	02/11/2008	Ruth J. Poole	02/08/2008	Andrew T. Tauferner	12/04/2007
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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:	12029045												
CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	William J. McGinnis												

CH \$40.00 12029045

Total Attachments: 2

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ASSIGNMENT

Whereas, we,

- (1) THOMAS M. GOODING
County of OLMSTED
City of ROCHESTER
and State of MINNESOTA
- (2) BRANT L. KNUDSON
County of OLMSTED
City of ROCHESTER
and State of MINNESOTA
- (3) CORY LAPPI
County of OLMSTED
City of ROCHESTER
and State of MINNESOTA
- (4) RUTH J. POOLE
County of OLMSTED
City of ROCHESTER
and State of MINNESOTA
- (5) ANDREW T. TAUFERNER
County of OLMSTED
City of ROCHESTER
and State of MINNESOTA

have invented certain improvements in

DISTRIBUTING PARALLEL ALGORITHMS OF A PARALLEL APPLICATION AMONG COMPUTE NODES OF AN OPERATIONAL GROUP IN A PARALLEL COMPUTER


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

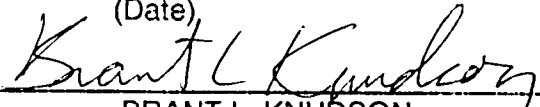
(Dates Inventors Signed Declaration) (1) 12/20, (2007); (2) 02/08, (2008);

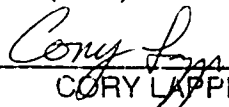
(3) 02/11, (2008); (4) 02/08, (2008); and (5) 12/04, (2007).


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 therefore;

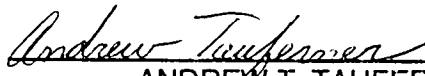
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, including all rights to claim 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.

(1) Signed at Rochester, Minnesota on Dec 20, 2007.
(City) (Date)

THOMAS M. GOODING

(2) Signed at Rochester, Minnesota on 2/8/08, 2007. BK
(City) (Date)

BRANT L. KNUDSON

(3) Signed at Rochester, Minnesota on 2/11/2008, 2007.
(City) (Date)

CORY LAPPI

(4) Signed at Rochester, Minnesota on 2-8-08, 2007.
(City) (Date)

RUTH J. POOLE

(5) Signed at Rochester, Minnesota on 12-04, 2007.
(City) (Date)

ANDREW T. TAUFERNER