

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Charles J. Archer	02/08/2007
Roy G. Musselman	02/07/2007
Amanda Peters	02/07/2007
Kurt W. Pinnow	03/05/2007
Brent A. Swartz	02/07/2007
Brian P. Wallenfelt	02/21/2007
<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>	
Property Type	Number
Application Number:	11672315
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	ROC920060413US1
NAME OF SUBMITTER:	Grant A. Johnson

CH \$40.00 11672315

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**PATENT**  
**REEL: 019901 FRAME: 0354**

Total Attachments: 2

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## ASSIGNMENT

Whereas, we

- |     |   |   |
|-----|---|---|
| (1) | Charles J. Archer<br>County of Olmsted    | City of Rochester<br>and State of Minnesota,          |
| (2) | Roy G. Musselman<br>County of Olmsted     | City of Rochester<br>and State of Minnesota,          |
| (3) | Amanda Peters<br>County of Olmsted        | City of Rochester<br>and State of Minnesota,          |
| (4) | Kurt W. Pinnow<br>County of Olmsted       | City of Rochester<br>and State of Minnesota,          |
| (5) | Brent A. Swartz<br>County of Chippewa     | City of Chippewa Falls<br>and State of Wisconsin, and |
| (6) | Brian P. Wallenfelt<br>County of Hennepin | City of Eden Prairie<br>and State of Minnesota,       |

have invented certain improvements in

**METHOD AND APPARATUS FOR ROUTING DATA IN AN  
INTER-NODAL COMMUNICATIONS LATTICE OF A  
MASSIVELY PARALLEL COMPUTER SYSTEM BY EMPLOYING  
BANDWIDTH SHELLS AT AREAS OF OVERUTILIZATION**

and have executed a United States patent application therefor on

Date

Inventors	(1) February 8.	, 2007	(2) February 7	, 2007
Signed				
Declaration	(3) February 7	, 2007	(4) March 5	, 2007
	(5) February 7, 2007	, and	(6) February 21	. 2007

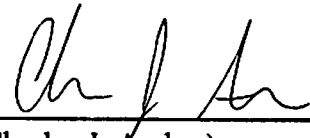
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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

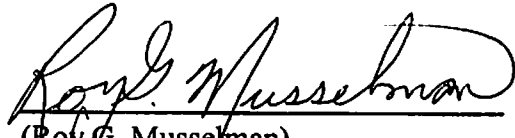
request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

**Signed**

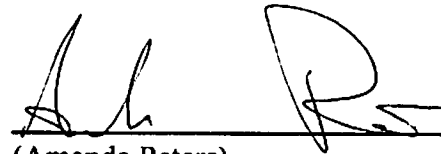
Inventor (1) at Rochester, Minnesota  
on 2/8/07

  
(Charles J. Archer)  
First Name Initial Last Name  
Inventor Signature

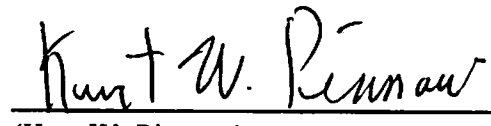
Inventor (2) at Rochester, Minnesota  
on 2/7/07

  
(Roy G. Musselman)  
First Name Initial Last Name  
Inventor Signature

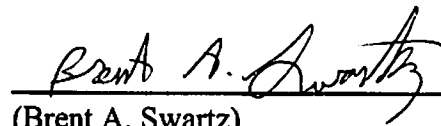
Inventor (3) at Rochester, Minnesota  
on 2/7/07

  
(Amanda Peters)  
First Name Initial Last Name  
Inventor Signature


Inventor (4) at Rochester, Minnesota  
on 2/5/2007

  
(Kurt W. Pinnow)  
First Name Initial Last Name  
Inventor Signature

Inventor (5) at Rochester, Minnesota  
on 2-7-07

  
(Brent A. Swartz)  
First Name Initial Last Name  
Inventor Signature

Inventor (6) at Eden Prairie, MN  
on 2/21/07

  
(Brian P. Wallenfelt)  
First Name Initial Last Name  
Inventor Signature