

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Charles J. Archer	07/09/2008
Amanda E. Peters	07/09/2008
Brian E. Smith	07/09/2008
RECEIVING PARTY DATA	
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State/Country:	NEW YORK
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12176816
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NAME OF SUBMITTER:	Michelle Burns 10992
Total Attachments: 2 source=12176816_Assignment#page1.tif source=12176816_Assignment#page2.tif	

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PATENT

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REEL: 021304 FRAME: 0783

ASSIGNMENT

Whereas, we,

- | | |
|---|--------------------------------------|
| 1. CHARLES J. ARCHER
County of OLMSTED | City of ROCHESTER
and State of MN |
| 2. AMANDA E. PETERS
County of OLMSTED | City of ROCHESTER
and State of MN |
| 3. BRIAN E. SMITH
County of OLMSTED | City of ROCHESTER
and State of MN |

have invented certain improvements in




**PERFORMING AN ALL-TO-ALL DATA EXCHANGE ON A PLURALITY OF DATA BUFFERS
BY PERFORMING SWAP OPERATIONS**

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

(Dates Inventors Signed Declaration) (1) July 9, (2008); (2) July 9, (2008);
(3) July 9, (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 foreign countries, and in all 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.

1. Signed at Rochester on 7/9, 2008.
(City) (Date)

CHARLES J. ARCHER
2. Signed at Rochester on 7/9, 2008.
(City) (Date)

AMANDA E. PETERS
3. Signed at Rochester on 7/9, 2008.
(City) (Date)

BRIAN E. SMITH