

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>Willem Haller</td> <td>04/23/2007</td> </tr> <tr> <td>Mark Mayo-</td> <td>05/08/2007</td> </tr> <tr> <td>Ricardo H Nigaglioni</td> <td>04/20/2007</td> </tr> <tr> <td>Hartmut Sturm</td> <td>04/24/2007</td> </tr> </tbody> </table>		Name	Execution Date	Willem Haller	04/23/2007	Mark Mayo-	05/08/2007	Ricardo H Nigaglioni	04/20/2007	Hartmut Sturm	04/24/2007
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Willem Haller	04/23/2007										
Mark Mayo-	05/08/2007										
Ricardo H Nigaglioni	04/20/2007										
Hartmut Sturm	04/24/2007										
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11748619</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11748619						
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Application Number:	11748619										
CORRESPONDENCE DATA											
Fax Number:	(845)432-9601										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	845-433-1174										
Email:	snelson@us.ibm.com										
Correspondent Name:	Lynn L. Augspurger										
Address Line 1:	IBM Corporation										
Address Line 2:	2455 South Road, P386										
Address Line 4:	Poughkeepsie, NEW YORK 12601										
ATTORNEY DOCKET NUMBER:	DE920060007US1										
NAME OF SUBMITTER:	Susan L. Nelson										

CH \$40.00 11748619

Total Attachments: 3

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A S S I G N M E N T

Whereas, We

- (1) **Wilhelm Haller** of Remshalden
Federal Republic of Germany
- (2) **Mark Mayo** of Wappingers Falls
County of Dutchess State of New York
- (3) **Ricardo H. Nigaglioni** of Austin
County of Travis State of Texas
- (4) **Hartmut Sturm** of Grasellenbach
Federal Republic of Germany

have invented certain improvements in Carry-Select Adder Structure and Method to Generate Orthogonal Signal Levels

And executed, respectively, a United States patent application therefor on

- (1) _____, (2) _____,
- (3) 4/20/07, (4) _____.

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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

- (1) at _____
on _____ Wilhelm Haller
- (2) at _____
on _____ Mark Mayo
- (3) at Austin, TX
on 4/20/07 Ricardo H. Nigaglioni
Ricardo H. Nigaglioni
- (4) at _____
on _____ Hartmut Sturm

A S S I G N M E N T

Whereas, We

- (1) **Wilhelm Haller** of Remshalden
Federal Republic of Germany
- (2) **Mark Mayo** of Wappingers Falls
County of Dutchess State of New York
- (3) **Ricardo H. Nigaglioni** of Austin
County of Travis State of Texas
- (4) **Hartmut Sturm** of Grassellenbach
Federal Republic of Germany

have invented certain improvements in Carry-Select Adder Structure And Method to Generate Orthogonal Signal Levels

And executed, respectively, a United States patent application therefor on

- (1) _____, (2) 5/8/07
- (3) _____, (4) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10904, (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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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

- (1) at _____
on _____ Wilhelm Haller
- (2) at Polshkampsie NY
on 5/8/2007 Mark Mayo
- (3) at _____
on _____ Ricardo H. Nigaglioni
- (4) at _____
on _____ Hartmut Sturm

Docket No. 0692006007081

A S S I G N M E N T

Whereas, We

- (1) Wilhelm Haller of Remshalden Federal Republic of Germany
- (2) Mark Mayo of Morningside Falls County of Dutchess State of New York
- (3) Ricardo H. Nigaglioni of Austin State of Texas
- (4) Hartmut Stamm of Ursellenbach Federal Republic of Germany

have invented certain improvements in Carry-Select Address structure and Method to Generate Orthogonal Signal Levels

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

- (1) 4/23/2007
- (2) _____
- (3) _____
- (4) 4/24/2007

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Arden, New York 10509 (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 thereon;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, 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 and Inventions to issue any Letters Patent wanted upon the inventions 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) at Boston ^{Signed} 4/23/2007 Wilhelm Haller
on _____
- (2) at _____
on _____
- (3) at _____
on _____
- (4) at Langen 4/24/2007 Hartmut Stamm
on _____

PATENT