

## PATENT ASSIGNMENT

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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>Troy James Beukema</td><td>02/15/2008</td></tr><tr><td>William Richard Kelly</td><td>02/15/2008</td></tr></tbody></table>	Name	Execution Date	Troy James Beukema	02/15/2008	William Richard Kelly	02/15/2008	
Name	Execution Date						
Troy James Beukema	02/15/2008						
William Richard Kelly	02/15/2008						
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>12032610</td></tr></tbody></table>	Property Type	Number	Application Number:	12032610			
Property Type	Number						
Application Number:	12032610						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Duke W. Yee						
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PATENT

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REEL: 020523 FRAME: 0633

IBM DOCKET NO. YOR920080059US1

## A S S I G N M E N T

Whereas, we,

(1) Troy James Beukema  
County of Westchesterof Briarcliff Manor  
and State of New York

and

(2) William Richard Kelly  
County of Dutchessof Verbank  
and State of New York

have invented certain improvements in

**Apparatus for Stabilizing Convergence of an Adaptive Line Equalizer**and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, and  
(2) \_\_\_\_\_.

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 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 in \_\_\_\_\_ on \_\_\_\_\_  
location date\_\_\_\_\_  
Troy James Beukemaand (2) Signed in VERBANK, NY on 2-15-2008  
location date\_\_\_\_\_  
William Richard Kelly  
William Richard Kelly

**A S S I G N M E N T**

Whereas, we,

(1) Troy James Beukema  
County of Westchester

of Briarcliff Manor  
and State of New York

and

(2) William Richard Kelly  
County of Dutchess

of Verbank  
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(2) \_\_\_\_\_.

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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 in Yorktown Heights on 2/15/08.  
location date

Troy James Beukema  
Troy James Beukema

and (2) Signed in \_\_\_\_\_ on \_\_\_\_\_.  
location date

\_\_\_\_\_  
William Richard Kelly