

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<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>Daniel N. De Araujo</td> <td>11/11/2006</td> </tr> <tr> <td>Moises Cases</td> <td>11/08/2006</td> </tr> <tr> <td>Bradley D. Herrman</td> <td>11/15/2006</td> </tr> <tr> <td>Erdem Matoglu</td> <td>11/09/2006</td> </tr> <tr> <td>Bhyrav M. Mutnury</td> <td>11/08/2006</td> </tr> <tr> <td>Pravin S. Patel</td> <td>11/15/2006</td> </tr> <tr> <td>Nam H. Pham</td> <td>11/08/2006</td> </tr> </tbody> </table>		Name	Execution Date	Daniel N. De Araujo	11/11/2006	Moises Cases	11/08/2006	Bradley D. Herrman	11/15/2006	Erdem Matoglu	11/09/2006	Bhyrav M. Mutnury	11/08/2006	Pravin S. Patel	11/15/2006	Nam H. Pham	11/08/2006
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION																
<b>Street Address:</b>	New Orchard Road																
<b>City:</b>	Armonk																
<b>State/Country:</b>	NEW YORK																
<b>Postal Code:</b>	10504																
<b>PROPERTY NUMBERS Total: 1</b>																	
<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><b>Application Number:</b></td> <td>11560257</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11560257												
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<b>Application Number:</b>	11560257																
<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(801)531-1929																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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<b>ATTORNEY DOCKET NUMBER:</b>	RPS920060144US1																

CH \$40.00 11560257

**PATENT**

**500231814**

**REEL: 018948 FRAME: 0705**

NAME OF SUBMITTER:

Brian C. Kunzler

Total Attachments: 4

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# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

- (1) **Daniel N. De Araujo**  
City of **Cedar Park**  
County of **Travis** State of **Texas**
- (2) **Moises Cases**  
City of **Austin**  
County of **Travis** State of **Texas**
- (3) **Bradley D. Herrman**  
City of **Cary**  
County of **Wake** State of **North Carolina**
- (4) **Erdem Matoglu**  
City of **Austin**  
County of **Travis** State of **Texas**
- (5) **Bhyrav M. Mutnury**  
City of **Austin**  
County of **Travis** State of **Texas**
- (6) **Pravin S. Patel**  
City of **Cary**  
County of **Wake** State of **North Carolina**
- (7) **Nam H. Pham**  
City of **Round Rock**  
County of **Williamson** State of **Texas**

have invented certain improvements in

TITLE

**APPARATUS, SYSTEM, AND METHOD FOR DYNAMIC PHASE EQUALIZATION IN A COMMUNICATION CHANNEL**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

- (1) 11/11/2006
- (2) \_\_\_\_\_
- (3) \_\_\_\_\_
- (4) \_\_\_\_\_
- (5) \_\_\_\_\_
- (6) \_\_\_\_\_
- (7) \_\_\_\_\_

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

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- (3) 11/15/2006 (4) 11/09/2006
- (5) 11/08/2006 (6) 11/15/2006
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CITY  
DATE

Signed:

(1) at Austin  
on 11/11/2006

(2) at \_\_\_\_\_  
on \_\_\_\_\_

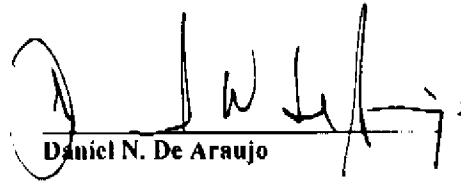
(3) at \_\_\_\_\_  
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(4) at \_\_\_\_\_  
on \_\_\_\_\_

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Moises Cases

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\_\_\_\_\_  
Daniel N. De Araujo

(2) at AUSTIN  
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\_\_\_\_\_  
*Moises Cases*  
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(3) at RTP  
on 11/15/2006

\_\_\_\_\_  
*Bradley D. Heffman*  
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(4) at Austin  
on 11/09/2006

\_\_\_\_\_  
*Erdem Matoglu*  
Erdem Matoglu

(5) at AUSTIN  
on 11/08/2006

\_\_\_\_\_  
*M. Bhyravan Murthy*  
Bhyrav M. Mutnury

(6) at RTP  
on 11/15/2006

\_\_\_\_\_  
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(7) at AUSTIN  
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