

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Daniel N. de Araujo</td> <td>01/16/2013</td> </tr> <tr> <td>James T. Hanna</td> <td>03/29/2007</td> </tr> <tr> <td>James O. Nicholson</td> <td>03/26/2007</td> </tr> <tr> <td>Bruce J. Wilkie</td> <td>04/04/2007</td> </tr> </tbody> </table>		Name	Execution Date	Daniel N. de Araujo	01/16/2013	James T. Hanna	03/29/2007	James O. Nicholson	03/26/2007	Bruce J. Wilkie	04/04/2007
Name	Execution Date										
Daniel N. de Araujo	01/16/2013										
James T. Hanna	03/29/2007										
James O. Nicholson	03/26/2007										
Bruce J. Wilkie	04/04/2007										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504
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>13448785</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13448785						
Property Type	Number										
Application Number:	13448785										
CORRESPONDENCE DATA											
Fax Number: 5124729887 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 5124729881 Email: kate@biggerslaw.com Correspondent Name: BIGGERS & OHANIAN, LLP Address Line 1: P.O. BOX 1469 Address Line 4: AUSTIN, TEXAS 78767-1469											
ATTORNEY DOCKET NUMBER:	RPS920070038US2										
NAME OF SUBMITTER:	Kate Hill/11699/										
Total Attachments: 8 source=RPS920070038US2_Assignment#page1.tif											

CH \$40.00 13448785

source=RPS920070038US2\_Assignment#page2.tif  
source=RPS920070038US2\_Assignment#page3.tif  
source=RPS920070038US2\_Assignment#page4.tif  
source=RPS920070038US2\_Assignment#page5.tif  
source=RPS920070038US2\_Assignment#page6.tif  
source=RPS920070038US2\_Assignment#page7.tif  
source=RPS920070038US2\_Assignment#page8.tif

**ASSIGNMENT**

Whereas, we,

- |   |   |
|---|---|
| (1) DANIEL N. de ARAUJO<br>County of TRAVIS | City of CEDAR PARK<br>and State of TEXAS      |
| (2) JAMES T. HANNA<br>County of BRAZOS      | City of COLLEGE STATION<br>and State of TEXAS |
| (3) JAMES O. NICHOLSON<br>County of TRAVIS  | City of PFLUGERVILLE<br>and State of TEXAS    |
| (4) BRUCE J. WILKIE<br>County of WILLIAMSON | City of GEORGETOWN<br>and State of TEXAS      |

have invented certain improvements in

**CLOCK SIGNAL SYNCHRONIZATION AMONG COMPUTERS IN A NETWORK**

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

(Dates Inventors Signed Declaration) (1) 3/26/07, (2007); (2) \_\_\_\_\_, (2007);  
(3) \_\_\_\_\_, (2007); (4) \_\_\_\_\_, (2007).

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 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.

## ASSIGNMENT

Whereas, we,

- |   |   |
|---|---|
| (1) DANIEL N. de ARAUJO<br>County of TRAVIS | City of CEDAR PARK<br>and State of TEXAS      |
| (2) JAMES T. HANNA<br>County of BRAZOS      | City of COLLEGE STATION<br>and State of TEXAS |
| (3) JAMES O. NICHOLSON<br>County of TRAVIS  | City of PFLUGERVILLE<br>and State of TEXAS    |
| (4) BRUCE J. WILKIE<br>County of WILLIAMSON | City of GEORGETOWN<br>and State of TEXAS      |

have invented certain improvements in

### CLOCK SIGNAL SYNCHRONIZATION AMONG COMPUTERS IN A NETWORK

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

(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, (2007); (2) 3/29, (2007);  
(3) \_\_\_\_\_, (2007); (4) \_\_\_\_\_, (2007).

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 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.

RPS920070038US1

**ASSIGNMENT**

Whereas, we,

- |   |   |
|---|---|
| (1) DANIEL N. de ARAUJO<br>County of TRAVIS | City of CEDAR PARK<br>and State of TEXAS      |
| (2) JAMES T. HANNA<br>County of BRAZOS      | City of COLLEGE STATION<br>and State of TEXAS |
| (3) JAMES O. NICHOLSON<br>County of TRAVIS  | City of PFLUGERVILLE<br>and State of TEXAS    |
| (4) BRUCE J. WILKIE<br>County of WILLIAMSON | City of GEORGETOWN<br>and State of TEXAS      |

have invented certain improvements in

**CLOCK SIGNAL SYNCHRONIZATION AMONG COMPUTERS IN A NETWORK**

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

(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, (2007); (2) \_\_\_\_\_, (2007);  
(3) 3/26, (2007); (4) \_\_\_\_\_, (2007).

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 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.

**PATENT****REEL: 029658 FRAME: 0510**

**ASSIGNMENT**

Whereas, we,

- |   |   |
|---|---|
| (1) DANIEL N. de ARAUJO<br>County of TRAVIS | City of CEDAR PARK<br>and State of TEXAS      |
| (2) JAMES T. HANNA<br>County of BRAZOS      | City of COLLEGE STATION<br>and State of TEXAS |
| (3) JAMES O. NICHOLSON<br>County of TRAVIS  | City of PFLUGERVILLE<br>and State of TEXAS    |
| (4) BRUCE J. WILKIE<br>County of WILLIAMSON | City of GEORGETOWN<br>and State of TEXAS      |

have invented certain improvements in

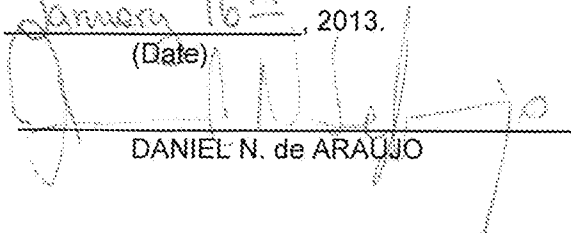
**CLOCK SIGNAL SYNCHRONIZATION AMONG COMPUTERS IN A NETWORK**

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

(Dates Inventors Signed Declaration) (1) \_\_\_\_\_, (2007); (2) \_\_\_\_\_, (2007);  
(3) \_\_\_\_\_, (2007); (4) 07/09, (2007).

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 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 Cedar Park, TX on January 16<sup>th</sup>, 2013.  
(City) (Date)  
  
DANIEL N. de ARAUJO

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)  
\_\_\_\_\_  
JAMES T. HANNA

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)  
\_\_\_\_\_  
JAMES O. NICHOLSON

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)  
\_\_\_\_\_  
BRUCE J. WILKIE

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
DANIEL N. de ARAUJO

(2) Signed at COLLEGE STATION on 3/29, 2007.  
(City) (Date)

James T. Hanna  
JAMES T. HANNA

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
JAMES O. NICHOLSON

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
BRUCE J. WILKIE



RPS920070038US1

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
DANIEL N. de ARAUJO

(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
JAMES T. HANNA

(3) Signed at Austin, TX on March 26, 2007.  
(City) (Date)

  
\_\_\_\_\_  
JAMES O. NICHOLSON

(4) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
BRUCE J. WILKIE

(1) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
DANIEL N. de ARAUJO

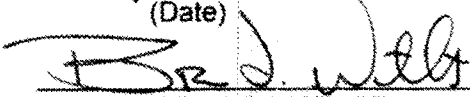
(2) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
JAMES T. HANNA

(3) Signed at \_\_\_\_\_ on \_\_\_\_\_, 2007.  
(City) (Date)

\_\_\_\_\_  
JAMES O. NICHOLSON

(4) Signed at GEORGETOWN on 04/04, 2007.  
(City) (Date)

  
\_\_\_\_\_  
BRUCE J. WILKIE