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1. Name of conveying party(ies): Execution Date:

Shiquan WU February 5, 2001  
Wen TONG February 7, 2001  
Leo STRAWCZYNSKI February 7, 2001

Additional name(s) of conveying party(ies) attached? ☐ Yes  
☒ No

2. Name and address of receiving party(ies)

NORTEL NETWORKS LIMITED  
World Trade Center of Montreal  
380 St. Antoine Street West, 8<sup>th</sup> Floor  
Montreal, Quebec H2Y 3Y4  
Canada

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is February 5, 2001, February 7, 2001, February 7, 2001.

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence  
Concerning document should be mailed:

Name: Boris A. Matvenko, Esq.  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
666 Third Avenue, 24<sup>th</sup> Floor  
New York, New York 10017  
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6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed  
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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Boris A. Matvenko, Reg. No. 48,165

Name of Person Signing

Signature

October 17, 2006

Date

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PATENT  
REEL: 018440 FRAME: 0850

**ASSIGNMENT**

**WHEREAS**, the undersigned joint inventors, hereinafter called the "Assignor", have invented a new and useful invention entitled:

**ADAPTIVE TIME DIVERSITY AND SPATIAL DIVERSITY FOR OFDM**

for which reference a full description is made in an Application for Letters Patent of the United States filed December 29, 2000 under US Serial No. 09/750,804 and Provisional Patent Application Serial No. 60/229,972 filed September 1, 2000.

**WHEREAS, NORTEL NETWORKS LIMITED**, a Canadian company having a principal office and place of business at, World Trade Center of Montreal, 380 St. Antoine Street West, 8<sup>th</sup> floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to Assignee its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all provisional, divisional, substitution, continuation applications thereof, and all Letters Patent of the United States which may be granted thereof and all renewals, reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all renewals, reissues and extensions thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, its successors and assigns; and we hereby agree that the Assignee may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the Assignee.

**FURTHER**, the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination,