

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

JIANGLEI MA, MING JIA, WEN TONG, PEIYING ZHU, HUA XU,  
HANG ZHANG and MO-HAN FONG

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

**2. Name and address of receiving party(ies)**

Name: NORTEL NETWORKS LIMITED

Internal Address: \_\_\_\_\_

Street Address: 2351 Boulevard Alfred-Nobel

City: St. Laurent

State: Quebec

Country: Canada Zip: H4S 2A9

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 02/22/08; 02/22/08; 02/22/08; 02/29/08;

Assignment 02/25/08; 02/22/08; 02/22/08

Security Agreement  Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

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

A. Patent Application No.(s)

11/910,091

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: SMART & BIGGAR

Internal Address: P.O. Box 2999, Station D

Street Address: 900 - 55 Metcalfe Street

City: Ottawa

State: Ontario Zip: K1P 5Y6

Phone Number: 613-232-2486

Fax Number: 613-232-8440

Email Address: ottawa@smart-biggarr.ca

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 19-2550

Authorized User Name Smart & Biggar

**9. Signature:**

Signature

May 14, 2008

Date

Christine N. Genge (Reg. No. 45,405)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 192550 11910091

71493-1545/jas

PATENT APPLICATION  
ASSIGNMENT

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

**NORTEL NETWORKS LIMITED**

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec  
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

**METHODS AND SYSTEMS FOR OFDM USING CODE DIVISION MULTIPLEXING**

as described in an application for letters patent filed in the United States on September 28, 2007 and given serial number 11/910,091, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Smart & Biggar whose full office address is P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario, K1P 5Y6, Canada, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

  
\_\_\_\_\_  
Witness' Signature

  
\_\_\_\_\_  
Jinglei Ma

Date: Feb. 22, 2008  
\_\_\_\_\_  
Assignor

JUN YUAN  
\_\_\_\_\_  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Ming Jia

Date: 22 Feb. 2008  
Assignor

JUN YUAN  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Wen Tong

Date: 22 Feb. 2008  
Assignor

JUN YUAN  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Peiyong Zhu

Date: Feb 29, 2008  
Assignor

JUN YUAN  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Hua Xu

Date: Feb 25, 2008  
Assignor

JUN YUAN  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Hang Zhang

Date: Feb. 22, 2008  
Assignor

JUN YUAN  
Witness' Name (print)

[Signature]  
Witness' Signature

[Signature]  
Mo-Han Fong

Date: Feb 22, 2008  
Assignor

JUN YUAN  
Witness' Name (print)