Packet No.: 71493-1044 /pw 06-07-2002 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Tragernal No. 1 reason according to the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): JIANGLEI MA; MING JIA; PEIYING ZHU and WEN TONG Name: NORTEL NETWORKS LIMITED 4.5.02 Address: 2351 Boulevard Alfred-Nobel ☐ Yes 🏻 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☑ Assignment □ Merger City: St. Laurent State/Prov.: Quebec ☐ Security Agreement Change of Name **ZIP: H4S 2A9** Country: Canada Other Execution Date: March 7, 2002 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) 01/08/02 10/038,915 04/10/2002 TBIAZ1 00000109 10038915 01 FC:581 40.00 DP ☐ Yes 🗵 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: R. Allan Brett 7. Total fee (37 CFR 3.41):....\$ 40.00 40476 Registration No. Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: SMART & BIGGAR ☐ Authorized to be charged to deposit account P.O. Box 2999, Station D 8. Deposit account number: 900-55 Metcalfe Street State/Prov.: Ontario 19-2550 City: Ottawa Country: Canada ZIP: K1P 5Y6 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature.

> Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

April 4, 2002

Date

hetaSignature

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.

R. Allan Brett (Reg. No. 40476)

Name of Person Signing

## ASSIGNMENT NORTEL NETWORKS LIMITED

For value received, I (we) the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

whose address is:

2351 Boulevard Alfred-Nobel

St. Laurent, Quebec, Canada H4SA 2A9

its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

## SYSTEM ACCESS AND SYNCHRONIZATION METHODS FOR MIMO OFDM COMMUNICATIONS SYSTEMS AND PHYSICAL LAYER PACKET AND PREAMBLE DESIGN

set forth in an application for letter	rs patent of the UNITED STATES OF AMERICA
Serial No. 10/038,915	, filed on January 8, 2002
and all rights and privileges under	any and all letters patent that may be granted for said inventions.
Vitness' Signature  MING JIA	Janglei Ma Date: March 7, 2002  Jianglei Ma Assignor  3 Bon Echo Cres.  Kanata, Ontario, Canada K2M 2W5
Witness' Name (print)  Witness' Signature  Per Ying Zhu  Witness' Name (print)	Ming Jia  Ming Jia  Date:  March. 7, 2002  Assignor  609 - 320 Croydon Ave.  Ottawa, Ontario, Canada K2B 5P3
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PATENT RECORDED: 04/05/2002 REEL: 012773 FRAME: 0957