04-09-2003 ORM P 0-1595 (Modified) **R SHEET** U.S. DEPARTMENT OF COMMERCE Rev. 03- 1) Patent and Trademark Office DMB No. (651-C027 (exp.5/31/2002) LY 08A/RE: 03 Tab s⊢ttings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): JIANMING WU, WEN TONG 3-28-03 and MO-HAN FONG Name: NORTEL NETWORKS LIMITED Address: 2351 Boulevard Alfred-Nobel ☐ Yes ☒ No Addit anal names(s) of conveying party(ies) 3. Nature of conveyance: Assignment Merger City: St. Laurent Security Agreement Change of Name State/Prov.: Quebec Other Country: Canada ZIP: H4S 2A9 Execution Date: March 19 and March 25, 2003 ⊠ No Additional name(s) & address(es) ☐ Yes 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: March 19 and 24, 2003 Pa ent Application No. Filing date B. Patent No.(s) ☐ Yes ☐ No Additional numbers 5. Na ne and address of party to whom correspondence 6. Total number of applications and patents involved: cor cerning document should be mailed: Na ne: Allan Brett 7. Total fee (37 CFR 3.41):....\$ 40.00 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 Cit / Ottawa (Attach duplicate copy of this page if paying by deposit account) ZIP: K1P 5Y6 Country: Canada DO NOT USE THIS SPACE 舌 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 truecos. of the original document. March 27, 2003 Al an Brett (Reg. No. 40,476) Name of Person Signing Date Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments **PATENT** Washington, D.C. 20231

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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

SYSTEM AND METHOD FOR MULTIPLE INPUT MULTIPLE OUTPUT WIRELESS TRANSMISSION

as described in an application for letters patent filed concurrently herewith, 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

Witness' Name (print)

Jianming Wu

31 Cambior

Kanata, Ontario K2T 1J5, Canada

PATENT

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Date: March 19,2003

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Witness' Signature

DANIEL BOUDREAU

Witness' Name (print)

Wen Tong

12 Whitestone Drive

Ottawa, Ontario

K2C 4A7, Canada

Mo-Han Fong 1578 Bay Road

L'Orignal, Ontario K0B 1K0, Canada

Date: March 25, 2003
Assignor

DANIEL BOUDREAU Witness' Name (print)

RECORDED: 03/28/2003

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