05-28-2002 ΞТ. RFC! U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (Rev. 6-93) Atty. Docket No. 7000-161 QMB No. 0651-0011 (exp. 4/94) To the Commissioner for Patents: Please record the attack of 3924 or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Wen Tong 5-14-02 Name: Nortel Networks Limited Vahid Tarokh Internal Address: 3. Nature of conveyance: Merger Street Address: 2351 Boulevard Alfred-Nobel Security Agreement Change of Name Other City: St. Laurent State: Quebec Zip: H4S 2A9 Execution Date: 5/01/02: 5/06/02 Country: CANADA Additional name(s) & address(es) attached? ☐ Yes ☒ No Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: 5/01/02; 5/06/02 B. Patent No.(s) A. Patent Application No.(s) 10,144950 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: .....1 Name: Benjamin S. Withrow 7. Total fee (37 CFR 3.41): \$40.00 WITHROW & TERRANOVA, P.L.L.C. P.O. Box 1287 □ Payment by Credit Card Enclosed Cary, NC 27512 Authorized to be charged to deposit account 00000005 10144950 /22/2002 TLUU11 8. Deposit account number: 01 FC:581 50-1732 (Attach duplicate of this page if paying by deposit account) DO NOT USE THIS SPACE

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Benjamin S. Withrow

Name of Person Signing

PATENT REEL: 012917 FRAME: 0548

May 14, 2002

Date

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## APPARATUS AND METHOD FOR ENCODING AND DECODING DATA WITHIN WIRELESS NETWORKS

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THE UNDERSIGNED hereby authorizes the firm of Withrow & Terranova, P.L.L.C. whose full office address is P.O. Box 1287, Cary, NC 27512, 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 of foreign Patent Office.

Wen Tong

12 Whitestone Drive

Ottawa, Ontario K2C 4A7

CANADA

Witness Signature

Date

\* 0.000 - 500 - 500

Witness Name (Print)

Rev. April 1, 2002

PATENT REEL: 012917 FRAME: 0549

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Vahid Tarokh

16 King Street

Belmont, MA 02478

Sean Carro

Notary Public
My Commission expires
Tuly 29,2005

Rev. April 1, 2002

RECORDED: 05/14/2002

PATENT REEL: 012917 FRAME: 0550