

4-1603

04-24-2003

Form PTO-1595
(Rev. 03/01)

RECORDATION
PATENT



DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

102429044

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gary T. Stone
Kim B. Crawford
Nelson M. Lee
Gin Liu

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

2. Name and address of receiving party(ies)

Name: Nortel Networks Limited

Internal Address: 2351 Boulevard Alfred-Nobel

St. Laurent, Quebec

Canada H4S 2A9

Street Address: Same

City: _____ State: _____ Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 04/15/03

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: 04/15/03

A. Patent Application No.(s) _____

B. Patent No.(s) _____

10417321

Additional numbers attached? Yes No

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

Name: John C. Gorecki, Esq.

Internal Address: _____

STEUMEL1 00000092 10417321

40.00 OP

Street Address: 165 Harvard St.

City: Newton State: MA Zip: 02460

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

502246 (Ref 15353)

DO NOT USE THIS SPACE

9. Signature.

John C. Gorecki, Reg. No. 38,471

Name of Person Signing

John C. Gorecki
Signature

April 16, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

J1011 U.S. PTO
10/417321
04/16/03

04. 18/2003
01 FC:8021

PATENT
REEL: 013981 FRAME: 0798

Recordation Form Cover Sheet (continued)

1. Additional name(s) of conveying party(ies):

Johnny Fung

Michael A. Campbell



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

**METHOD AND APPARATUS FOR STATISTICAL PREDICTION
OF ACCESS BANDWIDTH ON AN XDSL NETWORK**

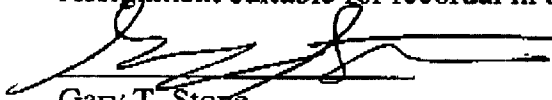
as described in an application for letters patent filed concurrently herewith, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes 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.

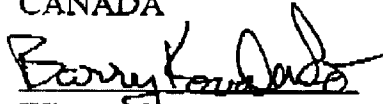
Rev. April 1, 2002

2 of 3

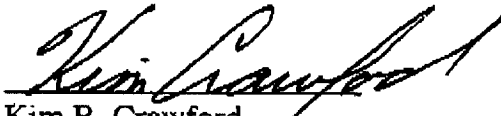
THE UNDERSIGNED hereby authorizes the firm of John C. Gorecki, Esq. whose full office address is 165 Harvard St., Newton, MA 02460, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

 April 15, 2003
Date

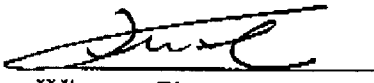
Gary T. Stone
99 Guestville Ave.
Toronto, ON M6N 4N5
CANADA


Witness Signature

Barry Kovalenko
Witness Name (Print)

 APRIL 15, 2003
Date

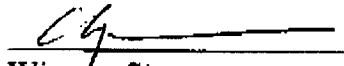
Kim B. Crawford
100 Concord Crescent
London, ON N6G 3H7
CANADA


Witness Signature

FRANCIS NG
Witness Name (Print)

 APRIL 15, 2003
Date

Nelson M. Lee
424 Country Club Crescent
Mississauga, ON L5J 2P8
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Witness Signature

CHOK YUN LAM
Witness Name (Print)

3 of 3

Gin Liu

Gin Liu
18 Blossom Ave.
Brampton, ON L6X 2W3
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April 15, 2003

Date

[Signature]
Witness Signature

Yu Carriere

Witness Name (Print)

[Signature]

Johnny Fung
5757 Greensboro Drive
Mississauga, ON L5M 5T8
CANADA

Apr 15, 2003

Date

[Signature]
Witness Signature

CHOK YUN LAM

Witness Name (Print)

[Signature]

Michael A. Campbell
24 Fletcher Drive
Brampton, ON L6Y 2G6
CANADA

03.04.15

Date

[Signature]

Witness Signature

FRANCIS NG

Witness Name (Print)