



Patent Application  
Attorney Docket No.: 57983.000026  
Client Reference No.: 12909RO

4.7.01

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(Rev. 6-93)

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RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

PATENTS ONLY

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

1. Name of conveying party(ies):

Guo-Qiang WANG; Dominic GOODWILL; Paul  
TOLIVER; and Kihong KIM

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 3/21/01; 3/22/01; and  
3/30/01

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

Name: Nortel Networks Limited

Address: World Trade Center of Montreal  
380 St. Antoine Street West,  
8<sup>th</sup> Floor  
Montreal, Quebec H2Y 3Y4

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

04-12-2001



101671643

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:

A. Patent Application No.(s)

09/745,867

B. Patent No.(s)

Additional numbers attached? Yes ☒ No

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

Thomas E. Anderson  
Hunton & Williams  
1900 K Street, NW  
Washington DC 20006

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:

50-0206

(Attach duplicate copy of this page if  
paying by deposit account)

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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 true copy of the original document.

Paramita Ghosh

Name of Person Signing

Signature

4/2/01  
Date

Total number of pages including cover sheet, attachments, and document: 8

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

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) Guo-Qiang Wang;
- (2) Dominic Goodwill;
- (3) Paul Toliver; and
- (4) Kihong Kim

(hereinafter collectively ASSIGNOR), has/have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"TECHNIQUE FOR ALL-OPTICAL PACKET SWITCHING"

- (X only one) (a) \_\_\_\_\_ which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
- (b) \_\_\_\_\_ which was executed on \_\_\_\_\_, 20\_\_\_\_, and is being filed herewith in the United States Patent and Trademark Office;
- (C) X which was filed as U.S. Patent Application No. 09/745,867 on December 26, 2000;

AND WHEREAS, Nortel Networks Limited (hereinafter ASSIGNEE), a Canadian Company having its principal place of business at World Trade Center of Montreal, 380 St. Antoine Street West, 8<sup>th</sup> Floor, Montreal, Quebec H2Y 3Y4, Canada, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said

ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNOR also does hereby covenant that it has the full right to convey the entire right, title, and interest herein assigned, and that it has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to make application for and obtain any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, or extensions of said application, or any application on said invention, or any patent issuing therefor or therefrom;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, communicate to said ASSIGNEE, its successors, assigns, and legal representatives, any known facts relating to said invention or said application or any patent issuing therefor or therefrom, and testify as to the same in any interference or

other litigation proceeding when requested to do so, and aid said ASSIGNEE, its successors, assigns, and legal representatives, in obtaining and enforcing proper protection for said invention in all countries;

ASSIGNOR also does hereby grant the firm of Hunton & Williams of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Executed on the date(s) below indicated:

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 21st day of March, 2001.

G. G. Wang  
Name: Guo-Qiang Wang  
Address: 175 Longshire Circle  
Nepean, ON  
Canada K2J 4L2

On this 22nd day of March, 2001, before me  
did personally appear the above-named Guo-Qiang Wang, personally  
known to me and/or proved to me on the basis of satisfactory  
evidence to be the person who signed and sealed the foregoing  
instrument and acknowledged the same to be his or her own free  
act and deed.

Arlene Mercer  
Signature

Arlene Mercer  
Printed Name

136-1045 Monro Dr.  
Address  
Ottawa ON  
K2H 7L2

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 22nd day of March, 2001.

D. J. Goodwill  
Name: Dominic Goodwill  
Address: ~~305 Alicia Street~~ 160 York Drive  
~~Arnprior, ON~~ Ottawa, ON  
~~Canada K7S 1H7~~ Canada K2M 2K4

On this 22nd day of March, 2001, before me  
did personally appear the above-named Dominic Goodwill, personally  
known to me and/or proved to me on the basis of satisfactory  
evidence to be the person who signed and sealed the foregoing  
instrument and acknowledged the same to be his or her own free  
act and deed.

Arlene Mercer  
Signature

Arlene Mercer  
Printed Name

136-1045 Morrison Dr.  
Address  
Ottawa, ON  
K2H 7L2

Patent Application  
Attorney Docket No.: 57983.000026  
Client Reference No.: 12909RO

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 30<sup>th</sup> day of MARCH, 2001.

Paul Toliver  
Name: Paul Toliver  
Address: 216 Riveredge Road  
Tinton Falls, NJ 07724

On this 30<sup>th</sup> day of MARCH, 2001, before me  
did personally appear the above-named PAUL TOLIVER, personally  
known to me and/or proved to me on the basis of satisfactory  
evidence to be the person who signed and sealed the foregoing  
instrument and acknowledged the same to be his or her own free  
act and deed.

Indira Raikundalia  
**INDIRA RAIKUNDALIA**  
Notary Public of New Jersey  
My Commission Expires June 24, 2004  
Signature Printed Name

331 NEWMAN SPRINGS RD  
Address RED BANK  
0770.

(4) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 21 day of March, 2001.

Kihong Kim  
Name: Kihong Kim  
Address: 1 Langford Cr.  
Kanata Ontario  
Canada K2K 2N4

On this 22nd day of March, 2001, before me  
did personally appear the above-named Kihong Kim, personally  
known to me and/or proved to me on the basis of satisfactory  
evidence to be the person who signed and sealed the foregoing  
instrument and acknowledged the same to be his or her own free  
act and deed.

Arlene Mercer  
Signature

Arlene Mercer  
Printed Name

136-1045 Morrison Dr.  
Address  
Ottawa, ON  
K2H 7L2