

5-7-01

05-11-2001

FORM PTO-1595
(Rev. 6-93)
OMD No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101714849

To the Honorable Commissioner of Patents and Trademarks. Please indicate whether the enclosed original documents or copy thereof.

1. Name of conveying party(ies):

Rajiv Ramaswami; Robert R. Ward

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

Nortel Networks Limited

Additional name(s) of conveying party(ies) attached?

No Yes

Internal Address: **World Trade Center of Montreal
8th Floor**

3. Nature of Conveyance:

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

Street Address: **380 St. Antoine Street West**

City: **Montreal** State: **Quebec** ZIP: **H2Y 3Y4**

Country: **CANADA**

Execution Date: **04/26/01**

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

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)

09/704,439

B. Patent No.(s)

Additional numbers attached?

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

Name: **Blakely, Sokoloff, Taylor & Zafman LLP**

Internal Address:

Street Address: **12400 Wilshire Boulevard
7th Floor**

City: **Los Angeles** State: **CA** ZIP: **90025**

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:

02-2666

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

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

William E. Alford, Reg. No. 37,764

Name of Person Signing

Signature

May 2, 2001

Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner of Patents, Box Assignments
Washington, D.C. 20231

05/11/2001 LABELER 00000052 03704439

01 PD:52

06.00 01

Attorney Docket No. **3239P081**

PATENT
REEL: 011774 FRAME: 0783

ASSIGNMENT

WHEREAS, the undersigned inventor(s), hereinafter called the "Assignor(s)", has/have invented a new and useful invention entitled:

METHOD AND APPARATUS FOR OPTICAL TO ELECTRICAL TO OPTICAL CONVERSION IN AN OPTICAL CROSS-CONNECT SWITCH

For which reference a full description is here made in an application for Letters Patent of the United States filed November 01, 2000, and assigned Application No. 09/704,439.

WHEREAS, Nortel Networks Limited, a Canadian corporation having a principal office and place of business at, World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, the application above-identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to Assignee its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all provisional, divisional, substitution, continuation applications thereof, and all Letters Patent of the United States which may be granted thereof and all renewals, reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all renewals, reissues and extensions thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the Assignee, its successors and assigns; and we hereby agree that the Assignee may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the Assignee.

FURTHER, the Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignor has hereunto set his hands on the date indicated below.

Dated: 4/26/01

[Signature] 4-26-2001
Name: **Rajiv Ramaswami**
Residence Address: 758 Carlisle Way
Sunnyvale, California USA 94087
USA

Dated: 4/26/2001

Barbara Renshaw
Witness Signature
Witness Name: Barbara Renshaw
Residence Address: 868 Neal St
LOS BANOS, CA 93635

Dated: 4/26/01

Robert R. Ward 4-20-2001
Name: **Robert R. Ward**
Residence Address: 803 Selkirk Place
Sunnyvale, California USA 94087
USA

Dated: 4/26/2001

Barbara Renshaw
Witness Signature
Witness Name: Barbara Renshaw
Residence Address: 868 Neal St
LOS BANOS, CA 93635

Dated: _____

Name: _____
Residence Address: _____

Dated: _____

Witness Signature _____
Witness Name: _____
Residence Address: _____

Dated: _____

Name: _____
Residence Address: _____

Dated: _____

Witness Signature _____
Witness Name: _____
Residence Address: _____
