

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT							
NATURE OF CONVEYANCE:	ASSIGNMENT							
CONVEYING PARTY DATA								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kim B. ROBERTS</td> <td>02/13/2006</td> </tr> <tr> <td>Michel BELANGER</td> <td>02/13/2006</td> </tr> </tbody> </table>		Name	Execution Date	Kim B. ROBERTS	02/13/2006	Michel BELANGER	02/13/2006	
Name	Execution Date							
Kim B. ROBERTS	02/13/2006							
Michel BELANGER	02/13/2006							
RECEIVING PARTY DATA								
Name:	NORTEL NETWORKS LIMITED							
Street Address:	2352 Boulevard Alfred-Nobel							
City:	St. Laurent							
State/Country:	CANADA							
Postal Code:	H4S 2A9							
PROPERTY NUMBERS Total: 1								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11690444</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11690444			
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Application Number:	11690444							
CORRESPONDENCE DATA								
<p>Fax Number: (613)230-6706</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 613-780-8673</p> <p>Email: smattocks@ogilvyrenault.com</p> <p>Correspondent Name: Ogilvy Renault LLP</p> <p>Address Line 1: 1981 McGill College Avenue</p> <p>Address Line 2: Suite 1600</p> <p>Address Line 4: Montreal, CANADA H3A 3C1</p>								
ATTORNEY DOCKET NUMBER:	13528-248US-1							
NAME OF SUBMITTER:	Kent Daniels							
<p>Total Attachments: 5</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p>								

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PATENT
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PATENT

REEL: 019067 FRAME: 0659

KD



**CORRECTED
NOTICE**

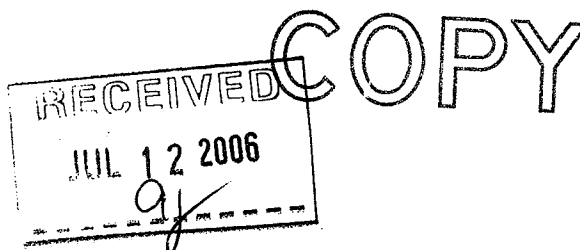
UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 03, 2006

PTAS

OGILVY RENAULT LLP
SUITE 1600
1981 MCGILL COLLEGE AVENUE
MONTREAL, QUEBEC, CANADA H3A 2Y3



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 02/22/2006 ✓

REEL/FRAME: 017600/0222 ✓
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ROBERTS, KIM B. ✓

DOC DATE: 02/13/2006

ASSIGNOR:

BELANGER, MICHEL ✓

DOC DATE: 02/13/2006

ASSIGNEE:

NORTEL NETWORKS LIMITED
2351 BOULEVARD ALFRED-NOBEL
ST. LAURENT, QUEBEC, CANADA H4S 2A9

SERIAL NUMBER: 11357963

FILING DATE: 02/22/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: INTEGRATED OPTICAL WAVEFORM MODULATION

KZ

017600/0222 PAGE 2

MAURICE CARTER, PARALEGAL
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

02-28-2006

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

REC



103186422

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kim B. ROBERTS and Michel BELANGER

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) February 13, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Nortel Networks Limited

Internal Address:

Street Address: 2351 Boulevard Alfred-Nobel

City: St. Laurent

State: Quebec

Country: Canada Zip: H4S 2A9

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: OGILVY RENAULT LLP

Internal Address:

Street Address: Suite 1600

1981 McGill College Avenue

City: Montreal

State: Quebec, CANADA Zip: H3A 2Y3

Phone Number: (613) 780-8661

Fax Number: (613) 230-6706

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 19-5113

Authorized User Name OGILVY RENAULT LLP

9. Signature:

Signature

February 21, 2006

Date

Kent Daniels

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 40.00

Documents to be recorded (including cover sheet) should be faxed to (571) 273-01407, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 019067 FRAME: 0662

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:

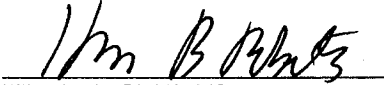
INTEGRATED OPTICAL WAVEFORM MODULATION

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.

THE UNDERSIGNED hereby authorize(s) the firm of **OGILVY RENAULT LLP** whose full office address is **1981 McGill College Avenue, Suite 1600, Montreal, Quebec, Canada, H3A 2Y3** 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.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.


Kim B. ROBERTS
10 Mission Inn Grove
Nepean, ON K2R 1C6

Feb 13/2006
Insert Date


Witness Signature


Witness Name (Print)

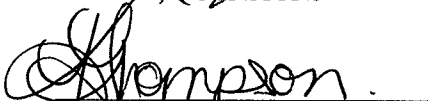
FILE NO. 9-13528-248US
(United States)

PATENT APPLICATION
ASSIGNMENT



Michel BELANGER
3489 Grey Avenue
Montreal, QC H4A 3N5

Feb 13/06
Insert Date


Witness Signature

Karen Thompson
Witness Name (Print)