

02-13-2001



FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

2-1-01

101612909

U.S. Department of Commerce
Patent and Trademark Office
PATENT

FEB - 1 2001

RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies):

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID# _____
- Correction of PTO Error
Reel # _____ Frame # _____
- Corrective Document
Reel # _____ Frame # 0126

Conveyance Type

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

Correction to Assignment Record Certificate requested, as attached.

U.S. Government

(For Use ONLY by U.S. Government Agencies)

- Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) CALDWELL, Alan B.

Execution Date
Month Day Year
08/15/2000

Name (line 2) _____

Second Party

Name (line 1) ALGIE, Glenn G.

Execution Date
Month Day Year
08/15/2000

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) NORTEL NETWORKS LIMITED

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) _____

Address (line 1) 380 St. Antoine Street West

Address (line 2) World Trade Center of Montreal, 8th Floor

Address (line 3) Montreal Quebec, Canada H2Y 3Y4
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

02/12/2001 6T0M11 00000153 09642108

01 FC:581 40.00 0P

PATENT
REEL: 011501 FRAME: 0386

Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="09/642,108"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Kent Daniels (Reg. No. 44,206) 01 24 2001

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

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12-20-2000



FORM PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

REC 101545509 EET
PATENTS ONLY

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

1. Name of conveying party(ies): *8-21-00*
Alan N. CALDWELL
Glenn G. ALGIE
Jozef Z. BABIARZ
Additional name(s) of conveying party(ies) attached? Yes No

2. Name of receiving party(ies):
NORTEL NETWORKS LIMITED
Address of receiving party(ies):
World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor
City: Montreal
State: Quebec, Canada ZIP: H2Y 3Y4
Additional name(s)/address(es) of receiving party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 15 August 2000

4. Application number(s) or patent number(s): *09/642108*
If this document is being filed together with a new application, the execution date of the application is: 15 August 2000
A. Patent Application No(s).
B. Patent No(s).
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: SWABEY OGILVY RENAULT
Address: 1981 McGill College Avenue
Suite 1600
City: Montreal
State: Quebec, Canada ZIP: H3A 2Y3

6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account.
8. Deposit Account number:
(Attach duplicate copy of this page if paying by deposit account)

08/30/2000 MGORDON 00000022 09642108
04 FC:581
40.00 DP

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.

Kent Daniels (Reg. No. 44,206)
Name of Person Signing
Signature: *Kent Daniels*
Date: 17 Aug. 2000

Total number of pages comprising cover sheet:

JC892 U.S. PTO
09/642108
08/21/00

ASSIGNMENT NORTEL NETWORKS LIMITED

For value received, I (we), the undersigned, whose full post office address(es) is (are) adjacent my (our) name(s), hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

whose full post office address: World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor
Montreal, Quebec, Canada, H2Y 3Y4

its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

METHOD AND APPARATUS FOR EFFICIENT PROTOCOL-INDEPENDENT TRUNKING OF DATA SIGNALS


set forth in an application for letters patent of **the United States of America**

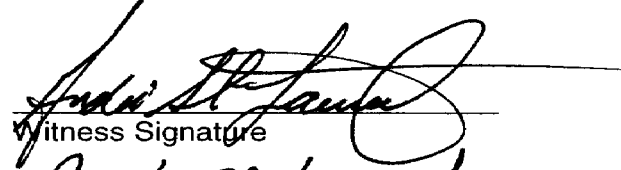
executed concurrently herewith,

and all rights and privileges under any and all letters patent that may be granted for said inventions.



Witness Signature

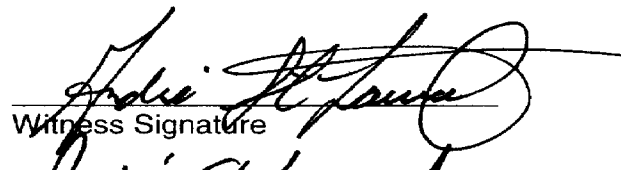
Andre' St-Laurent
Witness Name (print)

 Date 8/15/00
Alan B. CALDWELL - Assignor
38 Sioux Crescent
Nepean, Ontario
Canada, K2H 7E5



Witness Signature

Andre' St-Laurent
Witness Name (print)

 Date 8/19/00
Glenn G. ALGIE - Assignor
594 Noble Crescent
Ottawa, Ontario
Canada, K1V 7H9


Witness Signature

Andre' St-Laurent
Witness Name (print)

 Date 8/15/2000
Jozef B. BABIARZ - Assignor
67 Beechfern Drive
Stittsville, Ontario
Canada, K2S 1E3

Additional Assignors on attached Page 2