



FORM PTO-	12-19-2001 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
To the Honorable Commissioner of Patents at:		uments or copy thereof.
1. Name of conveying party(ies): Michael F. Grant, Robert Spagnoletti Additional name(s) of conveying party(ies) attached? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>		101919345 Name: <u>Nortel Networks Limited</u> Internal Address: _____ Street Address: <u>2351 Boulevard Alfred-Nobel, St. Laurent, Quebec</u> <u>H4S 2A9 Canada</u> Additional name(s) & address(es) attached? <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>October 26, 2001, October 26, 2001</u>		11/02/01 jc997 U.S. PTO 10/008082 
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: <u>Same as above</u>		
A. Patent Application No.(s) <u>To Be Assigned</u>	B. Patent No.(s)  Additional numbers attached: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>William M. Lee, Jr.</u> Internal Address: <u>Lee, Mann, Smith, McWilliams, Sweeney &amp; Ohlson</u> Street Address: <u>P.O. Box 2786</u> City: <u>Chicago</u> State: <u>Illinois</u> Zip: <u>60690-2786</u>	6. Total number of applications and patents involved: <u>one</u> 7. Total fee (37 CFR 3.41)              \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>12-0913</u> <small>(Attach duplicate copy of this form if paying by deposit account.)</small>	
DO NOT USE THIS SPACE		
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. <u>William M. Lee, Jr.</u> <u>November 2, 2001</u> Name of Person Signing                      Signature                      Date Total number of pages including cover sheet, attachments and document <u>7</u>		
Do not detach this portion		
Mail documents to be recorded with required cover sheet information to: <b>Commissioner of Patents and Trademarks</b> <b>Box Assignments</b> <b>Washington, D.C. 20231</b>		
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.		

# ASSIGNMENT

## NORTEL NETWORKS LIMITED

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

the address of whose registered office is: **NORTEL NETWORKS LIMITED**  
2351 Boulevard Alfred-Nobel  
St Laurent, Quebec  
Canada H4S 2A9

(hereinafter called "Nortel"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, including any and all priority rights, in and to certain inventions relating to

### OPTICAL ARRAY AMPLIFIER

identified in Nortel's records as 14639ID and set forth in an application for letters patent of the United States of America Serial Number \_\_\_\_\_ filed on \_\_\_\_\_.

and all rights and privileges under any and all letters patent in all countries that may be granted for said inventions, to the intent that any such patent or other intellectual property protection shall be issued to Nortel alone or to its successors, assigns or legal representatives.

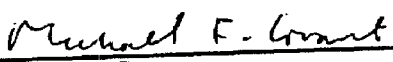
I (We) undertake without charge to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors, assigns and legal representatives to procure and maintain patent or other intellectual property protection for said inventions in any and all countries and to vest title thereto in Nortel, its successors, assigns or legal representatives.

I (We) agree that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent or the like which may be required in any country for any purpose and more particularly in proof of the irrevocable right of Nortel, its successors, assigns and legal representatives to apply for and maintain patent or other intellectual property protection for said inventions in any and all countries and to claim the benefit of any right of priority.

This Assignment does not form part of a larger transaction or series of transactions in respect of which the amount or value or aggregate amount or value of the consideration exceeds £60,000.

  
\_\_\_\_\_  
Witness Signature

TIMOTHY LEWIS  
\_\_\_\_\_  
Witness Name (print)

  
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Date: 26/06/01  
\_\_\_\_\_  
Assignor

☐ Additional Assignors on attached Page 2

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Date: Oct 26/2001  
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 Assignor